AKHM
ALEXCO KENO HILL MINING CORP.

April 2, 2012

Loralee Johnstone
Manager
YESAB Mayo Designated Office
PO Box 297
Mayo, Yukon Y0B 1M0

Re: Lucky Queen and Onek Deposit Production Project #2011-0315 – Revised Project Proposal

Dear Loralee:

Please find enclosed Alexco Keno Hill Mining Corp.'s revised *Lucky Queen and Onek Deposit Production Project Proposal Submission to YESAB – April 2012*, which incorporates our responses to YESAB's February 2, 2012 Information Request (IR) and to the comments submitted by Environment Yukon, Environment Canada, and Yukon Government, Energy Mines & Resources, Client Services & Inspections (YOR Document #021, 022 & 023). It also includes our responses to YESAB's subsequent IR of March 5, 2012 (YOR Document #030). A Table of Concordance is provided in Appendix A and sections with new text are indicated in grey.

Sincerely,

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ALEXCO KENO HILL
MINING CORP.

Keno Hill Silver District Operations

Lucky Queen and Onek Deposit Production

Project Proposal Submission to YESAB

REVISED VERSION – APRIL 2012

Keno Hill Silver District Operations

Lucky Queen and Onek Deposit Production

Project Proposal Submission to YESAB

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ACRONYMS

ABA	Acid Base Accounting
AKHM	Alexco Keno Hill Mining Corp.
ANFO	Ammonium Nitrate/ Fuel Oil
ARD/ML	Acid Rock Drainage/Metal Leaching
DSTF	Dry Stack Tailings Facility
EMR	Energy, Mines and Resources
ERDC	Elsa Reclamation Development Company
EQS	Effluent Quality Standard
GCDWQ	Guidelines For Canadian Drinking Water Quality
GCL	Geosynthetic Clay Liner
GUDI	Groundwater Under Direct Influence Of Surface Water
ICP	Inductively Coupled Plasma
LHD	Load Haul Dump (Loader)
LTA	Lost Time Accident
MAP	Mean Annual Precipitation
MLU	Mining Land Use (Approval)
MMER	Metal Mining Effluent Regulations
N-AML	Non-Acid Metal Leaching
P-AML	Potential Acid Metal Leaching
QML	Quartz Mining Licence
RCP	Reclamation and Closure Plan
TDS	Total Dissolved Solids
TSS	Total Suspended Solids
UCF	Underhand Cut and Fill
UKHM	United Keno Hill Mines Ltd.
WRDA	(N-AML) Waste Rock Disposal Area
WRMP	Waste Rock Management Plan
WRSF	(P-AML) Waste Rock Storage Facility
WUL	Water Use Licence
YEC	Yukon Energy Corporation
YESAA	*Yukon Environmental and Socio-Economic Assessment Act*
YESAB	Yukon Environmental and Socio-Economic Assessment Board
YG	Yukon Government

EXECUTIVE SUMMARY

After our first year of successfully operating the Bellekeno mine and Keno District Mill, Alexco Keno Hill Mining Corp (AKHM) now proposes to strengthen our operation by incorporating production of two new ore deposits in the Keno Hill Silver District. Development and production of Onek and Lucky Queen deposits consists of mining newly discovered extensions of previously mined orebodies at Lucky Queen and Onek.

The purpose of the Project is to increase the operational certainty of the Keno Hill Silver District mining operations by developing access to additional underground sources of ore, which will contribute to the overall planned production scenario. Sourcing mill feed from more than one ore zone at a time is a prudent approach to development of this property that is comprised of narrow vein deposits; one that was followed by the districts' previous owners, United Keno Hill Mines Ltd. (UKHM).

Production from the two new orebodies will be incorporated into the current mining operations without expanding either currently licenced mill tonnage throughput, or total tonnage mined. There will be no additional tonnage of tailings deposited on the Dry Stack Tailings Facility. There will be no additional use of water for milling, and no change to the mill water balance resulting from the Project. Water required for mining at Onek and at Lucky Queen is addressed in this Project Proposal.

The existing Waste Rock Management Plan will be applied to waste rock generated from Lucky Queen and Onek. There will be no increase in the licenced total tonnage of waste rock generated.

Mining activities at the two new sites will require additional employees; therefore a minor camp expansion at the Flat Creek Camp is described.

The Project will require the amendment of the existing Type A Water Use Licence QZ09-092 and Quartz Mining Licence QML-0009, which will require an assessment under the *Yukon Environmental and Socio-economic Assessment* Act (YESAA) at the Designated Office level.

This revision to the original Project Proposal submitted Dec 30, 2011 incorporates Alexco's responses to YESAB's Adequacy Review Information Requests (February 2 and March 5, 2012) and corresponding regulator comments. Appendix A presents a Table of Concordance; new text is indicated in grey.

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1 INTRODUCTION

Alexco Keno Hill Mining Corp. (AKHM) continues to develop the mineral resources of the Keno Hill Silver District. Alexco proposes to bring the newly discovered extensions of the historic Lucky Queen and Onek deposits into production in order to supplement the Bellekeno mining operations (hereinafter referred to as the "Project"). The new Lucky Queen and Onek ore deposits are located adjacent to the historic Onek and Lucky Queen silver/lead/zinc mines and will be milled along with Bellekeno ore at the existing Keno District Mill. Alexco proposes to commence mining at Lucky Queen and Onek in mid-2012, upon procurement of the necessary regulatory authorizations.

This submission is intended to meet the requirements for evaluation pursuant to the *Yukon Environmental and Socio-economic Assessment Act* (YESAA) by the Yukon Environmental and Socio-economic Assessment Board (YESAB) Mayo Designated Office.

Alexco's Environmental Policy is attached in Appendix B.

1.1 PROPONENT INFORMATION

Alexco has been actively developing the Keno Hill Silver District since 2006 under a unique contractual arrangement with the Governments of Canada and Yukon; whereby, it can enter into production at newly discovered deposits within the district while it undertakes reclamation activities to remediate historic environmental impacts.

AKHM is a wholly owned subsidiary of Alexco and has been incorporated for operation of mineral extraction and development in the Keno Hill Silver District. Alexco continues to advance the development and eventual implementation of the District Wide Closure Plan which addresses the historic environmental liabilities of the district from past mining activities.

1.1.1 Contact Information

PROPONENT	
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AGENT	
ACCESS CONSULTING GROUP #3 Calcite Business Centre 151 Industrial Road Whitehorse, Yukon Y1A 2V3 Telephone: (867) 668-6463 Fax: (867) 667-6680	Contact: Lauren Haney, Environmental Permitting Manager Email: lhaney@accessconsulting.ca

1.2 PROJECT PURPOSE

The Bellekeno Mine was commissioned in January 2011 and is currently the only deposit supplying ore to the Keno District Mill. One of the primary purposes of developing the Lucky Queen and Onek deposits is to reduce the operational risk of conducting mining operations with only one deposit supplying ore to the mill. The history of the Keno Hill Silver District is one of numerous high grade but narrow vein deposits being mined simultaneously to supply ore to a single mill. This same operational approach is being developed by Alexco, through the incorporation of the Lucky Queen and Onek deposits into its current Keno Hill Silver District operations.

With the addition of Lucky Queen and Onek, the operating risk is reduced through:

- Additional ore sources and prepared, available mining locations (underground "stopes");
- Improved ore grade management through blending ore sources;
- Maximizing mill capacity and reduced unit costs;
- Reduced impact on production when development and backfill stages and cycles occur; and
- Extension/enhancement of overall operations sustainability.

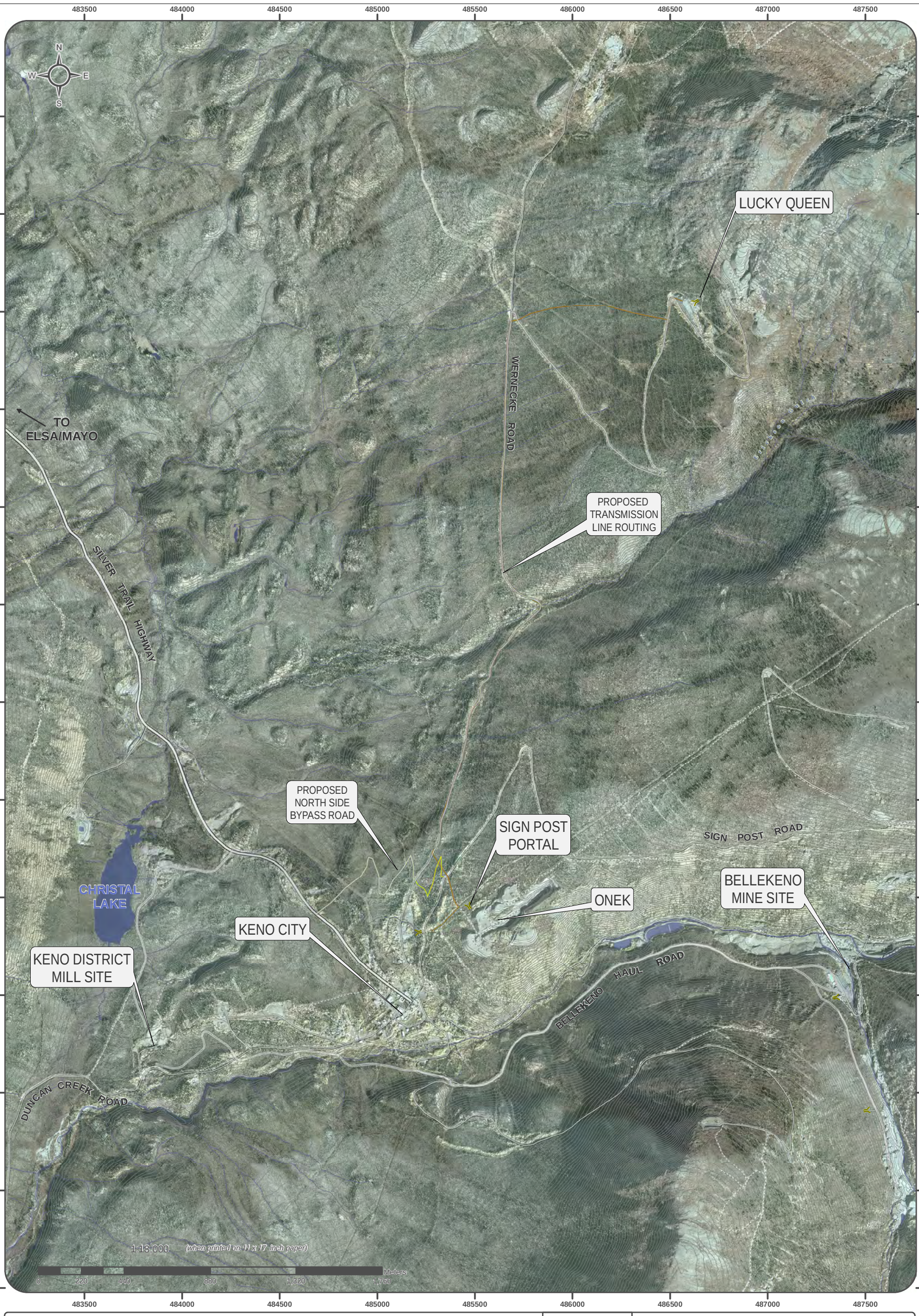
Reducing the operational risk from a single mine ore source will improve operating efficiency, and enhance project economics and ability to operate at lower commodity prices which will promote further exploration and development of the District. This will eventually lead to an extended overall project life and, by extension, the socio-economic benefits and sustainability provided through the development of the Keno Hill Silver District.

One of the outcomes of additional mine ore sources will be a fluctuation in tonnage rates and production from each of the mines in operation. Rather than operating at a fixed daily and monthly production level as is currently the case with Bellekeno (i.e. 250 tpd), the addition of Lucky Queen and Onek will result in a range of tonnage and production levels from each mine, depending on specific operating conditions, such as availability of developed underground "stope" faces, development requirements and backfill cycles.

1.3 PROJECT LOCATION

The Keno Hill Silver District is located in central Yukon (63° 54' 32" N, 135° 19' 18" W; NTS 105M/14 & 105M/13), 354 km due north of Whitehorse. Access to the property is via the Alaska, Klondike and Silver Trail Highways from Whitehorse to Mayo (407 km) and an all-weather gravel road northeast from Mayo to Elsa (45 km); a total distance of 452 km.

The Keno Hill Silver District is located on and around Galena Hill, Keno Hill and Sourdough Hill and are collectively known as the Keno Hill Silver District. The property lies along the broad McQuesten River valley with three prominent hills to the south of the valley. Lucky Queen is located approximately 4 km northeast of Keno City and Onek is situated about 500 m northeast of Keno City (Figures 1-1, 1-2 and 1-3).



Adit
Proposed Bypass Road
Proposed Transmission Line
Highway
Local
Track
Contour (5 m intervals)

Aerial photograph obtained from Geodesy Remote Sensing Inc., Calgary Alberta. Imagery acquired September 13th and 14th 2006. Site hydrography and contours derived from 2006 aerial imagery obtained from Aero Geometrics, Calgary Alberta.

Datum: NAD 83; Projection: UTM Zone 8N

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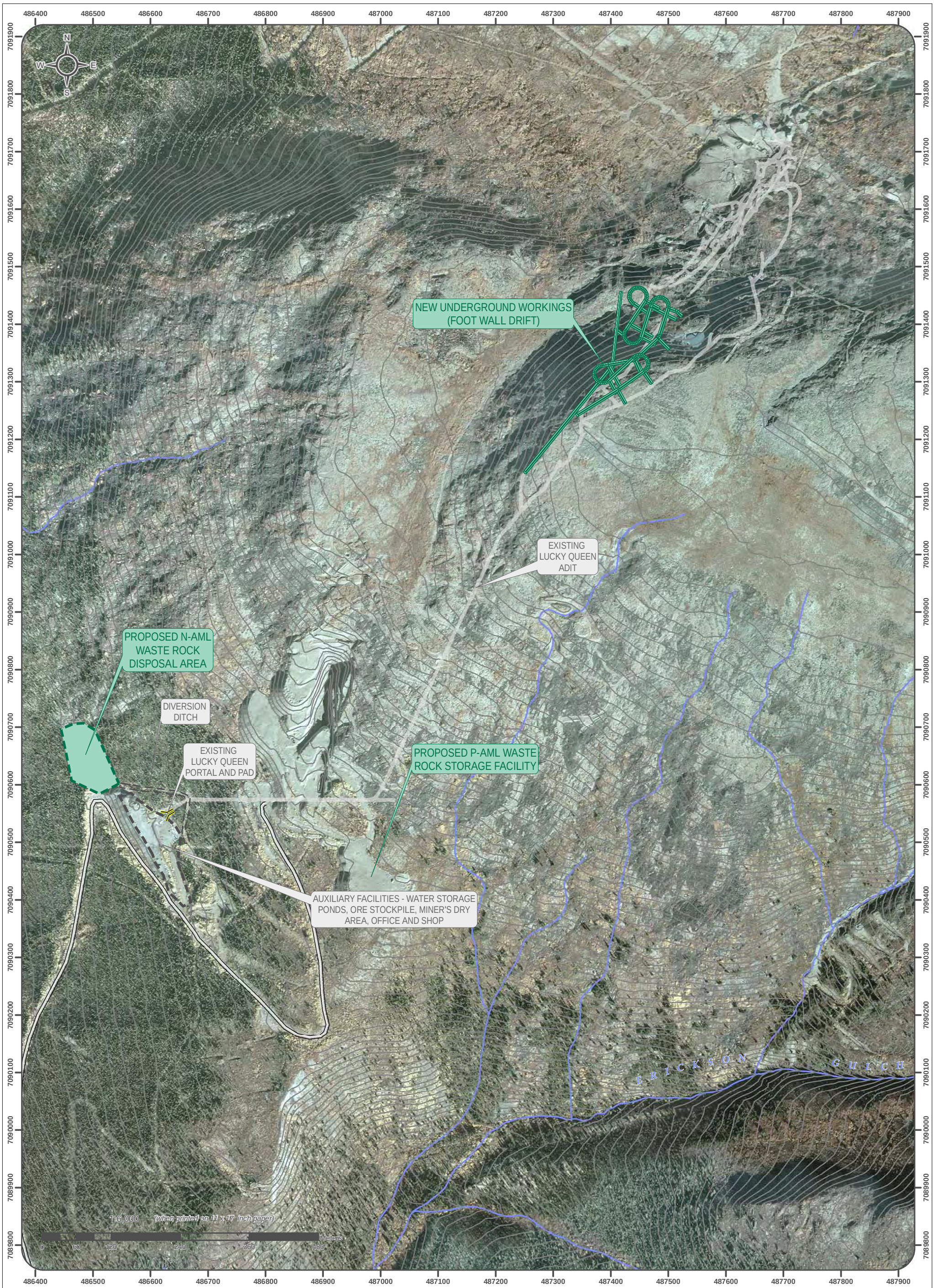
AKHM
ACCESS

ALEXCO KENO HILL MINING CORP.
PROPOSED DEVELOPMENT PLAN

FIGURE 1-1
ONEK AND LUCKY QUEEN AREA OVERVIEW

DRAWN BY JP	DECEMBER 2011	VERIFIED BY LH

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Proposed Underground Workings

Existing Underground Workings

Contour (5 m intervals)

EXISTING Existing Features

PROPOSED Proposed Features

Aerial photograph obtained from Geodesy Remote Sensing Inc., Calgary Alberta. Imagery acquired September 13th and 14th 2006. Site hydrography and contours derived from 2006 aerial imagery obtained from Aero Geometrics, Calgary Alberta.

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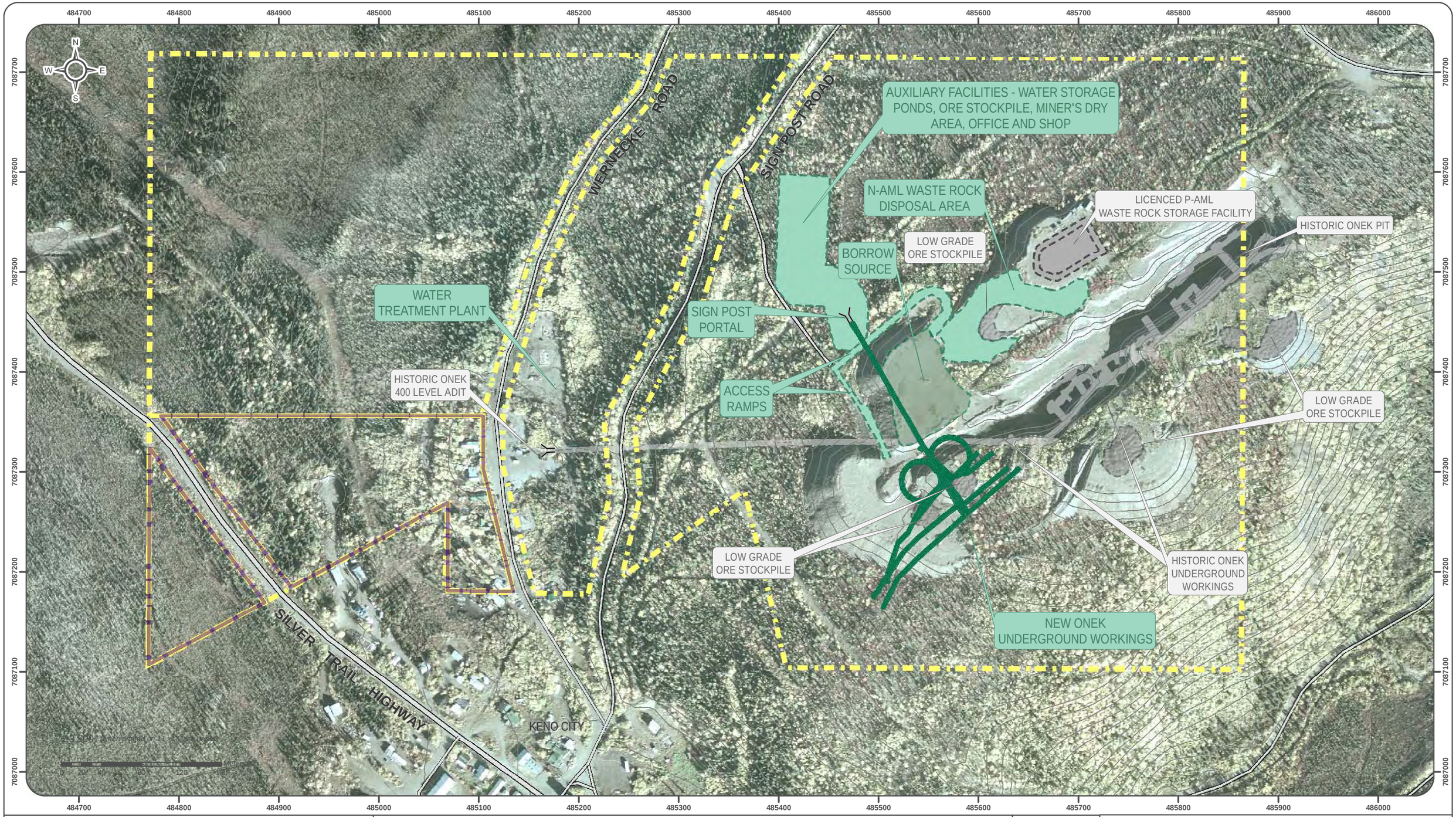
ALEXCO KENO HILL MINING CORP.
PROPOSED DEVELOPMENT PLAN

FIGURE 1-2

LUCKY QUEEN PROJECT LAYOUT

DRAWN BY JP	FEBRUARY 2012	VERIFIED BY LH

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(*Last edited by: jpan;2/23/2012/16:14 PM*)



Aerial photograph obtained from Geodesy Remote Sensing Inc., Calgary Alberta. Imagery acquired September 13th and 14th 2006.

Site contours derived from 2006 aerial imagery obtained from Aero Geometrics, Calgary Alberta.

Datum: NAD 83; Projection: UTM Zone 8N

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- Adit
- Highway
- Local
- Proposed Mine Development
- Contour (5 m interval)
- Sublot 960
- Lot960
- Proposed Borrow Source
- Proposed Features
- Existing Features

AKHM

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ALEXCO KENO HILL MINING CORP.
PROPOSED DEVELOPMENT PLAN

FIGURE 1-3

ONEK DEPOSIT PROJECT LAYOUT

Drawn By JP	MARCH 2012	Verified by LH

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1.4 ENVIRONMENTAL AND SOCIO-ECONOMIC CONTEXT

Table 1-1 summarizes existing environmental conditions in the Keno Hill project area. The Keno Hill Silver District lies within the Yukon Plateau – North Ecoregion, just south of the Wernecke Mountains. The terrain consists of concordant, rolling, upland areas separated by wide valleys. Alpine mountain peaks extend above the uplands locally. Many valleys include peatlands, palsas, fens and meadows of sedge tussocks. Upper slopes may be covered with scree material, with treeline occurring at 1,350 to 1,500 m. The area has been influenced by the latest glaciation but shows more subtle evidence of an earlier event as well.

Regional permafrost is irregularly distributed and its occurrence is dependent upon the elevation, hillside exposure, depth of overburden, soil types, amount of vegetative cover, and presence of flowing underground and surface water. At high elevations and on slopes with a northern exposure it is generally present. Geological conditions are presented in Appendix C.

The Keno Hill Silver District supports a variety of wildlife including ungulates, fur-bearers, small mammals, upland game birds and waterfowl. Moose are the most important subsistence animal in the area. Repeated survey work over the last 15 years indicates a healthy, stable moose population that has in recent years reached a maximum level of harvest (Lortie, 2009). Woodland caribou are not presently found in the immediate study area with the exception of the appearance, in summer, of fewer that 10-12 caribou scattered in very small groups in the Mt. Hinton and Bunker Hill areas. Sheep are not known to inhabit the Keno Hill area.

The Lucky Queen and Onek sites lie within the traditional territory of the First Nation of Na-cho Nyak Dun (FNNND) and near the communities of Keno City and Mayo. The area has been shaped by mineral development over the past hundred years. Silver and lead ore deposits were discovered on Keno Hill in the early 1900s and the area has since seen fluctuating levels of ongoing quartz and placer mining and exploration. Today, the area supports not only mineral development, but also tourism, recreation, traditional pursuits, as well as the local people.

Keno City is a small community situated at the end of the Silver Trail Highway with a population of roughly 12 permanent residents. The community was originally established to support mining operations in the area and the community's population has fluctuated over the last hundred years in response to local mineral development activity. Today, Keno City is a quiet community with residences, a few small businesses, the Keno City Mining Museum, and the Keno City Alpine Interpretive Centre.

The community of Mayo is located approximately 50 km from the project site. Mayo has a population of roughly 450 people and serves as a distribution and service centre for the surrounding area, supporting mineral development, tourism and other activities. Mayo is also the administrative centre for the FNNND. In addition to being a tourist destination, the community is a base for wilderness and mining tourism, canoeing, hiking, big-game hunting and fly-in fishing.

Table 1-1. Keno Hill District Environmental Setting Summary

Drainage Region	Stewart River drainage region
Significant Watersheds	McQuesten River, Lightning Creek and Stewart River Watershed, Mayo River
Ecoregion	Yukon Plateau (North)
Study Area Elevation	900-1350 m asl (Above Sea Level)
Vegetation Communities	Northern boreal forests occupy lower slopes and valley bottom; spruce, pine and alder; grasses and sedges, mosses occupy forest floor; heavy moss and lichen growth resident as ground cover understory of shrub willow; open and forest fringe areas of willow and scrub birch, and various flowering plant species.
Wildlife Species	Moose, grizzly and black bear, caribou, beaver, wolf, lynx, marten, wolverine, western tanager, magnolia warbler, white-throated sparrow, bald eagle, furbearers and small animals. Committee on the Status of Endangered Wildlife in Canada (COSEWIC) listed species include: Common Nighthawk (Threatened); Rusty Blackbird and Olive-Sided Flycatcher (Special Concern).
Fish Species	Bering and Beaufort Sea salmonids and freshwater species, including: Arctic grayling, Arctic char, lake trout, trout perch, lake whitefish, broad whitefish, burbot, inconnu, Arctic Cisco, Northern pike, slimy sculpin

Characterization and management of potential effects on environmental valued components have been incorporated into Sections 2, 3, 4 and 5, as appropriate. Potential impacts on fish, wildlife and vegetation have not been considered. The Project is not anticipated to significantly affect these components, because Lucky Queen and Onek are situated at sites of previous and current disturbance and minimal footprint extension is proposed. As described in Section 5, the Project is not expected to impact surface water.

Section 7 presents the socio-economic effects assessment and outlines mitigation and management measures.

1.5 ASSESSMENT AND REGULATORY CONTEXT

Alexco and its subsidiaries undertake a variety of activities at the Keno Hill Silver District, including care and maintenance, water treatment of historic adit drainages, site closure planning, mining exploration, ongoing environmental monitoring, and production of new deposits. These activities are authorized under a suite of project approvals. Table 1-2 lists the relevant existing approvals.

The proposed project will require at minimum amendment of the existing mine production Water Use Licence QZ09-092 and QML-0009. Additional minor approvals will also be required (e.g. septic system installation permit to accommodate expansion of Flat Creek camp). Coordination of mining and care and maintenance activities will be determined through the Water Licencing and QML processes. The Water Board will determine under which Water Use Licence activities will be included.

Table 1-2. Relevant KHDS Assessment and Regulatory Approvals

Purpose	YESAA Approval	Quartz Mining Act Approval	Water Use Licence
Mine Production	Project # 2009-0030 Decision Document	Quartz Mining Licence (QML-0009, expires 2025)[a]	Type A Water Use Licence QZ09-092, expires 2020[b]
Advanced Exploration	Project # 2008-0039 Decision Document	Class 4 Mining Land Use Approval (LQ00240, expires 2018)	Type B Water Use Licence QZ07-078/Amendment 1 QZ10-0606, expires 2018[c]
Care & Maintenance	Project #2006-0293	N/A	Type B Water Use Licence QZ06-074/Amendment 1 QZ08-082[d]

Notes:
[a] *www.emr.gov.yk.ca/mining/pdf/mml_bk_qml-0009.pdf*
[b] *www.yukonwaterboard.ca/registers/quartz/QZ09-092/Volume%204/10-1%20Water%20Use%20Licence.pdf*
[c] *www.yukonwaterboard.ca/registers/quartz/QZ10-060/Licence.pdf*
[d] *www.yukonwaterboard.ca/registers/quartz/qz08-082/amend_1.pdf*

2 PROJECT DESCRIPTION

2.1 PROJECT AND ASSESSMENT SCOPE

The proposed project involves underground development and mining of the Lucky Queen and Onek deposits and milling these ores at the existing Keno District Mill. Construction and initial development at both sites is anticipated to begin in Q2 2012 following issuance of regulatory approvals. Production at both sites is planned to begin during Q3 2012. With the addition of Lucky Queen and Onek into the mine operations along with Bellekeno, the current authorized ore tonnage cap of 613,000 t would be reached in approximately Q3 2015.

The general scope of the project is outlined provided in Table 2-1 and specific details are provided in the following subsections. Subsequently, activities related to the project but not included within the scope are described.

No change in the currently licenced and authorized tonnage for ore, waste or tailings deposition is being proposed. The currently authorized volumes of material will be reallocated from Bellekeno alone to a combination of Bellekeno, Lucky Queen and Onek. Development and production of Lucky Queen and Onek will be incorporated into mining activities currently authorized under the existing Water Use Licence (QZ09-092) and Quartz Mining Licence (QML-0009) in terms of:

- The maximum annual average production rate will not exceed 400 t/d (QML-0009).
- Ore from Bellekeno, Lucky Queen and Onek will not exceed a combined total tonnage of 613,000 t (QML-0009).
- Tailings from Bellekeno, Lucky Queen and Onek deposits will not exceed a combined total tonnage of 322,000 t in the Dry Stack Tailings Facility (QZ09-092).
- Waste rock tonnage placed on the surface removed from Bellekeno, Lucky Queen and Onek will not exceed a combined total tonnage of 500,000 t (QML-0009).
- P-AML waste rock from Bellekeno, Lucky Queen and Onek stored on surface will not exceed a combined total tonnage of 125,000 t (QML-0009).

Figure 2-1 represents the relative allocation of ore, waste and tailings from the three deposits. These allocations will ultimately vary depending on likely fluctuations in the final mine plans and performance of each of the three mines.

Table 2-1. Scope of the Assessment

	Lucky Queen	Onek	Project Proposal Section
Ore Tonnages	Up to 150,000 t	Up to 250,000 t	-
Mining Development	New development drift off historic 500 level adit *(no intersection with historic mine workings)* Haulage to surface using track/rail haulage or 7 t trucks	240 m decline; ramping *(no intersection with historic workings)* Haulage to surface using 15 t trucks	Sec. 2.4
Maximum Approximate Waste Rock Tonnages	44,000 t P-AML 80,000 t N-AML	50,100 t P-AML 93,000 t N-AML	Sec. 3.3
P-AML Waste Rock Storage	New P-AML Waste Rock Storage Facility at Lucky Queen site based on approved generic design (~5000 m^2 area). Facility will be located on site with existing disturbance. Underground backfill.	Licenced Onek P-AML Waste Rock Storage Facility and new P-AML Waste Rock Storage Facility at Onek site based on approved generic design (~3000 m^2 area). The new facility will be located on site with existing disturbance. Underground backfill.	Sec. 3.4
N-AML Waste Rock Disposal	New N-AML Waste Rock Disposal Area at Lucky Queen (~8000 m^2 area), requiring clearing and site preparation. General construction. Underground backfill.	New N-AML Waste Rock Disposal Area on historic waste rock dump at Onek (~6000 m^2 area). General construction, including road upgrade and maintenance. Underground backfill.	Sec. 3.4
Tailings management	Deposition of composite tailings on the licenced Dry Stack Tailings Facility is outside the scope of this assessment – refer to Section 2.1.1 Composite tailings paste backfill underground at Lucky Queen, Onek or Bellekeno		Sec. 4
Water use and management	91.4 m^3/d (73.1 m^3/d plus 25% contingency) from underground workings. Contingency sources include: groundwater well and Lightning Creek (currently licenced). Onsite TSS management (No dewatering required) (No discharge to surface water)	112.5 m^3/d (90 m^3/d plus 25% contingency) from underground workings and treated Historic Onek 400 level adit discharge. Contingency sources include: groundwater well and Lightning Creek (currently licenced). Onsite TSS management (No dewatering required) (No discharge to surface water) Construction and operation of water treatment plant to treat Historic Onek 400 level adit discharge. Treatment sludge from Onek 400 plant to be deposited at the Valley Tailings disposal area	Sec. 5

	Lucky Queen	Onek	Project Proposal Section
	Flat Creek camp expansion – additional water use of 14.3 m^3/d (11.4 m^3/d plus 25% contingency)		Sec. 2.8.1 and 5.5.3
Access/ Ore Transport	Upgrade and maintenance of North Side Bypass Road (~1.7 km long; 6 m wide)		Sec. 2.5
	No additional road access creation required. Traffic will be routed via Wernecke Road, the North Side Bypass Road and Christal Lake Road to transport ore between Lucky Queen and the Keno District Mill	Onsite access ramps will be upgraded on existing disturbance to provide access to waste rock dump areas. Traffic will be routed via the North Side Bypass Road and Christal Lake Road to transport ore between Onek and the Keno District Mill	Sec. 2.5
Footprint extension	New N-AML Waste Rock Disposal Area (~8000 m^2)	Sign Post Portal Pad development (~9300 m^2)	Sec. 3.4.2 & 2.4.6
Personnel requirements	~17 additional staff	~17 additional staff	Sec. 2.8 & 7.3.1
Power	Onsite generator and eventually grid power (spur transmission line)	Onsite generator and eventually grid power	Sec. 2.7
Auxiliary facilities	Operation of portal bench facilities (temporary ore stockpile, plant services, miners' dry area, offices, trailers, portal, settling ponds, fuel and explosives storage). Expansion of Flat Creek camp to accommodate additional personnel, including septic system upgrade and expansion (up to 200 person from 148). Explosives storage and use.		Sec. 2.4.6

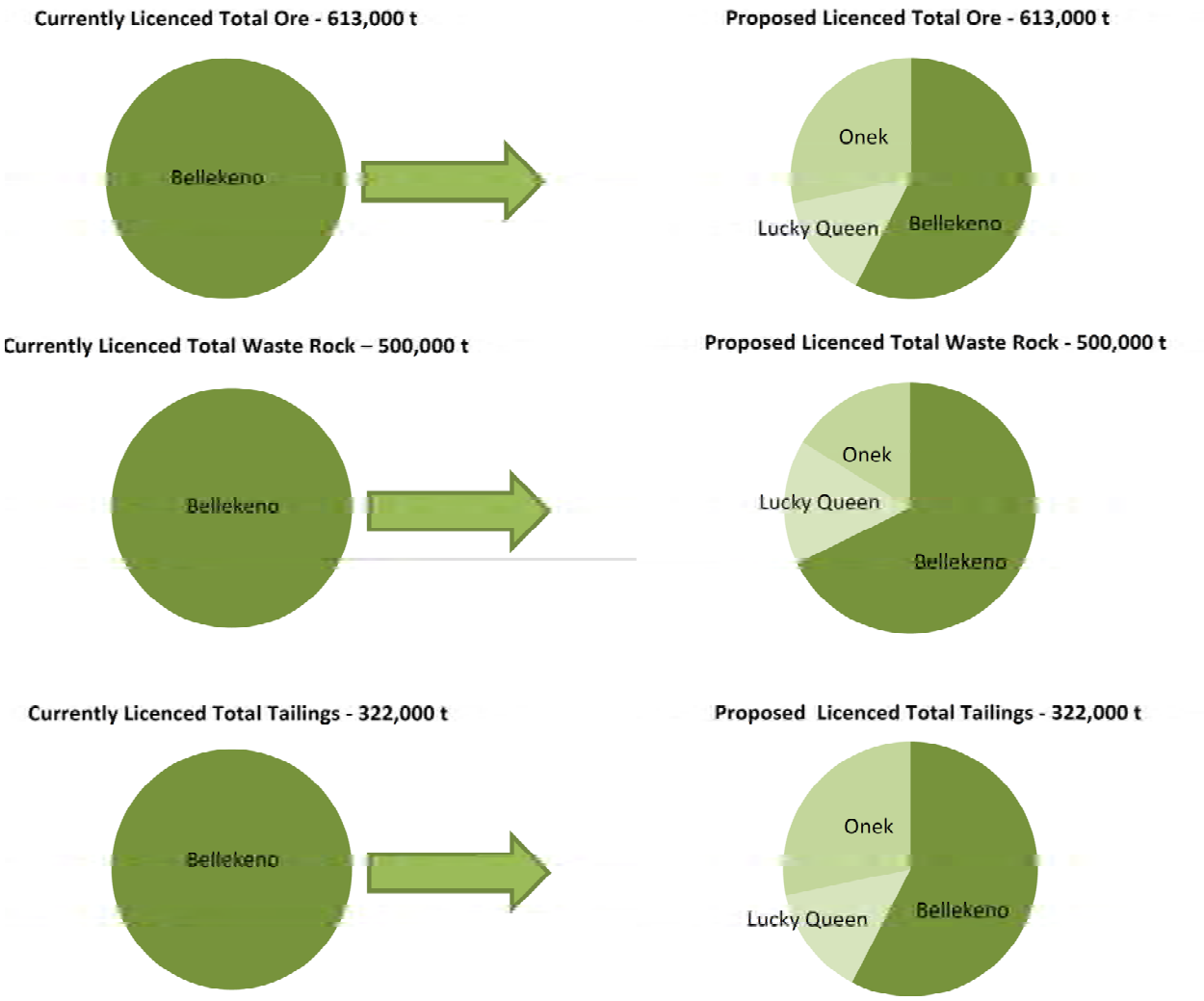


Figure 2-1. Relative Distributions of Ore, Waste Rock and Tailings from Bellekeno, Lucky Queen and Onek

2.1.1 Activities Outside the Assessment Scope

Because this project involves amendments to only certain portions of existing licences for the mining operations, Table 2-2 is included which describes activities associated with the proposed project that have been previously assessed as part of other Keno Hill District Development projects, and are therefore outside the scope of this assessment. Accompanying rationale and applicable authorizations are outlined for each activity.

In Alexco's interpretation, YESAA Section 42 (1) (b), the "existing project" clause, was meant to capture modifications to pre-existing projects that were never assessed under this legislation. We take the view that because the DSTF has already been assessed under YESAA, and has since been licenced and made operational, this is not an "existing project" as defined in YESAA. We note that as we continue to develop the Keno Hill Silver District, it would become unwieldy over time to have to continually reassess key existing projects components. Continual reassessment will hinder development in the District.

2.1.1.1 Dry Stack Tailings Facility

Operation of the DSTF, including deposition of Bellekeno tailings, was assessed and licenced during the Bellekeno mine licencing process (YESAB Project 2009-0030; QZ09-092; QML-0009). Alexco asserts that the former assessment and associated Decision Document cover deposition of Lucky Queen and Onek tailings on the DSTF and that consequently, the DSTF should not be included within the scope of assessment. Geochemical characterization of the Lucky Queen and Onek tailings is presented in Section 4. Table 4-2 and 4-3 show that the Onek and Lucky Queen tailings are geochemically similar to the Bellekeno tailings. Testwork has shown the Lucky Queen and Onek tails to be less environmentally significant than the Bellekeno tailings: they have lower sulphide and metal concentrations than the Bellekeno tailings. The potential environmental implications of deposition of Onek and Lucky Queen tailings are accordingly less significant than those associated with deposition of Bellekeno tailings, which were assessed previously.

By extension, the mitigations accepted and approved by YESAB, the Minister of Energy, Mines and Resources, and the Water Board, to address potential effects associated with operation of the DSTF will be sufficient to mitigate potential effects of Lucky Queen and Onek tailings deposition. These mitigations include a geosynthetic clay liner, leachate collection system, closed leachate recycling system (recycled as mill process water), and closure/post-closure passive bioreactor leachate treatment system. During operations, any DSTF seepage is collected and routed to the Mill Pond for use in the processing circuit. Any discharges from the Mill Pond require treatment to achieve effluent discharge standards under QZ09-092. There has been no mill discharge to date since the mill was commissioned in late 2010. At closure the DSTF will have a soil cover installed to reduce infiltration, in addition to a bioreactor to provide ongoing long-term water treatment during the post-closure period.

Furthermore, mixing of the Lucky Queen and Onek tailings with the Bellekeno tailingw is not anticipated to have any geotechnical implications (refer to Appendix D).

Table 2-2. Activities Outside the Scope of the Assessment

Activity	Rationale	Applicable Authorization(s)
Current Bellekeno mining operations	The proposed project does not include any changes to mining operations at the Bellekeno deposit.	QML-0009
		QZ09-092
Operation of the mill	Lucky Queen and Onek ore will be milled at the licenced Keno District Mill, involving only minor operations adjustments. No changes to water use/ management are proposed.	QML-0009: 15.6; Schedule B: Mill Development and Operations Plan; Noise Abatement Plan
		QZ09-092: 14(h-k)
Operation of the Dry Stack Tailings Facility	The total tonnage of tailings deposited on the DSTF will not change. Apart from any operational changes that may be implemented as a result of the monitoring and surveillance program, there are no planned changes to operation of the DSTF proposed as part of this project. Deposition of composite Bellekeno-Lucky Queen-Onek tailings on the DSTF is not a part of the assessment scope. As explained in Section 4, the geochemical characteristics of the Lucky Queen and Onek tailings are shown to be sufficiently similar to Bellekeno tailings. By extension, leachate from the DSTF is predicted to be effectively managed by the current DSTF design features currently operating. Additionally, deposition of the Lucky Queen and Onek tailings on the DSTF is not anticipated to have geotechnical implications (see Appendix D).	QML-0009: 15.10; 15.12; Schedule B – Dry Stack Tailings Facility Development and Operations Plan
		QZ09-092: 14l
Initial development of Sign Post Portal Pad	Sign Post Portal Bench is located on Lot 960, titled to Alexco. Surface development on titled land is permitted without an authorization under the *Quartz Mining Act*.	Certificate of Title Lot:960 Group:1054 Plan:21884

2.1.2 Mine Site Liability

Responsibility for the historic environmental liabilities within the Keno Hill Silver District lies with the Government of Canada, as outlined in the Subsidiary Agreement between Alexco/ERDC, Government of Yukon and Government of Canada. The current Subsidiary Agreement in effect contains a Production Unit provision that addresses the question of historic environmental liability if/when Alexco brings historic mines back into production and operation. A Production Unit is a surface area footprint that encompasses the required infrastructure and facilities included in a mining production area. Under the Subsidiary Agreement, any historic terrestrial liabilities (i.e. waste dumps, roads, etc) that are within the Production Unit remain the responsibility of Canada and any water related liabilities associated or created with the new mine area or Production Unit become the responsibility of Alexco.

Based on the current Subsidiary Agreement provisions, Table 2-3 summarizes the responsibility of historic liabilities at both the Onek and Lucky Queen sites once a Production Unit is declared and the mines go into the production phase. The liability arrangement as stipulated in the Alexco/AANDC Subsidiary Agreement in place during the Bellekeno assessment and licencing process, including determination of security to be held, remains in place and will be applied to the Lucky Queen and Onek projects.

Alexco notes that security requirements will be dealt with at the licencing stage pursuant to the *Quartz Mining Act* and *Waters Act*.

Table 2-3. Lucky Queen and Onek Development and Production Project Liabilities

Alexco Liabilities	Aboriginal Affairs and Northern Development Canada (AANDC) Liabilities
Lucky Queen	
New N-AML Waste Rock Disposal Area Newly rehabilitated Lucky Queen portal Portal pad New mine water management New P-AML Waste Rock Storage Facility(ies)	Existing waste rock storage dump Wernecke Road
Onek	
North Side Bypass Road Sign Post portal pad Onek portal N-AML Waste Rock Disposal Area P-AML Waste Rock Storage Facilities Surface portal pad facilities New mine water management	Existing Onek waste rock storage dumps Onek 400 adit and discharge water management and treatment, including sludge deposition at the Valley Tailings disposal area

2.2 EXISTING SITE CONDITIONS

Lucky Queen

The Lucky Queen site area gently slopes down to the northwest. It is located at the upper limit of the subalpine and is vegetated with grasses, willows and a few lone spruce trees. Soil cover is sparse and is composed mostly of residual soils formed by the weathering of the underlying bedrock and from the decomposition of granular till. Permafrost is reported to extend below the 300 level of the mine (400 feet below surface) (AMC 1996).

The original Lucky Queen mine was initially accessed by shaft, but during later development a long adit was driven at the 500 level to access the lower levels of the workings, but was never completed. The adit was collared near the Black Cap open pit and extends 5,700 feet to the workings, creating two distinct surface areas of development, one near the upper shafts, and one near the lower adit.

Onek

The historic Onek site consists of the 400 level adit at the lower area and two large joined pits above the main workings. A shaft present within the pits was partially destroyed during pit development. There are also several large pit dumps containing over 600,000 t of waste rock, as well as a smaller amount of adit waste rock near the adit.

The main open pit area is located on a relatively flat plateau above Keno City, cut perpendicularly into the hillside. Development of the pit site extends downhill with gravel roads. The north (uphill) end of the pit area is at a considerably higher elevation than the southern end and due to the site aspect and slope; the downslope portion of the pit has relatively low walls compared to the upslope end. Water does not flow on surface in the pit area, and is likely funnelled through the underground workings.

In addition to waste rock, there are several small (approx. 1000 t) piles of low grade ore stockpiled on the tops of the waste dumps. These dumps are siderite-rich and highly oxidized. Because of the small amount of fines and the scarcity of water in the dumps, they exhibit very little natural revegetation; however, there is a small amount of local natural revegetation where there is enough fine-grained material and water.

There is a hydraulic connection between the pit and the underground workings, primarily through the Fisher shaft. This hydraulic connection is of particular interest at Onek, due to the history of ice damming in the adit, and subsequent sudden release of stored water as the ice plug was displaced. This ceased to occur when the open pit was developed in the mid-1980s. However, the adit continues to drain water from the underground workings.

2.3 PROJECT SCHEDULE

Table 2-4 outlines the schedule for undertaking the key components of the Project.

Table 2-4. Project Timeline (2012)

	2012																															
	June				July					August				September				October					November				December					
Task Name	4	11	18	25	2	9	16	23	30	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	3	10	17	24	31
Lucky Queen																																
Footwall Drift																																
N-AML Waste Rock Disposal Area Development																																
P-AML Waste Rock Storage Facility Development																																
Underground Drilling																																
Vent Raise																																
Ore Production																																
Onek[1]																																
Sign Post Portal Pad Upgrade																																
Decline/Primary Development																																
N-AML Waste Rock Disposal Area Development																																
Water Treatment Plant Construction																																
Ore Production																																
Camp Upgrades																																
North Side Bypass Road Development																																

[1]Note that the additional P-AML facility required at Onek will be constructed when required post-2012. The existing licenced P-AML facility will be sufficient for waste rock generated during development and initial production at Onek.

2.4 MINE PLAN

Development and production of the Lucky Queen and Onek deposits represent the next stage of mine development in the Keno Hill Silver District following the successful development and commissioning of the Bellekeno mine in 2010. Once in production, operations at Lucky Queen and Onek will be very similar in nature and will be developed and mined concurrently with the Bellekeno mine and are viewed as supplemental and satellite ore sources and feed to the Keno District Mill.

Mine production from the three underground mines will fluctuate depending on available stope faces, development requirements, geotechnical conditions, ore feed grade and mill availability. The limiting factor in maximum ore tonnage is the mill capacity and licenced combined maximum production rate of 400 tpd.

2.4.1 Lucky Queen Deposit

The Lucky Queen deposit was mined by Treadwell Yukon Limited from 1927 to 1932 when reserves were exhausted, producing 123,000 tons of ore at 97.8 ounces per tonne ("opt") Ag from two ore veins.

The Lucky Queen vein and strike extensions were explored intermittently by surface overburden drilling, trenching and soil sampling throughout the 1950's, 1960's, 1970's and early 1980's. An exploration drift, collared near the Black Cap prospect and approximately 1,800 m in length, was developed by UKHM in 1985-1987. It was designed to come in underneath the historical Lucky Queen workings and attempted to raise into the No. 2 Inclined shaft but was not completed prior to UKHM ceasing operations in the district. No production decision was made from this work. The Lucky Queen vein structure has a strike length, defined by drilling, of approximately 650 m and is open along strike to both the northeast and southwest with reported thicknesses of a few centimetres to several meters.

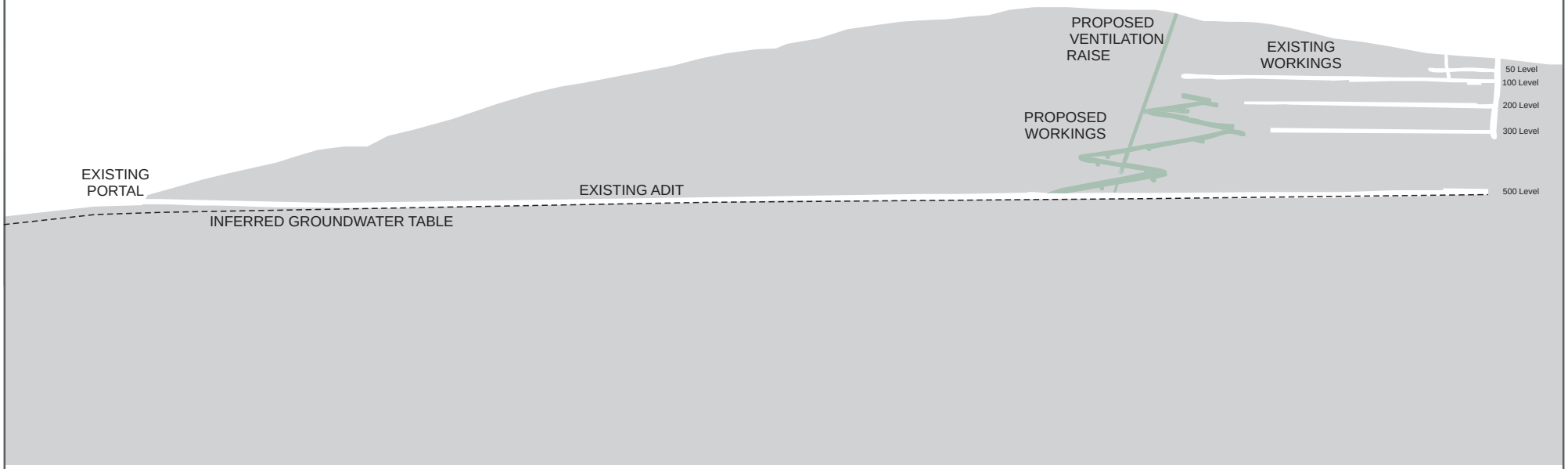
The Lucky Queen vein structure has an average strike of approximately 43 degrees azimuth, with local variations ranging from 25 to 60 degrees, and an average dip of around 45 degrees to the south, within a range of 30 to 55 degrees. Mineralized zones are largely composed of brecciated wallrock, siderite (± limonite), vein quartz and ore minerals including, silver sulphosalts, galena, sphalerite and native silver. Minor primary minerals present include arsenopyrite and pyrite.

Due to its relatively thinner vein widths, the Lucky Queen mine will be a lower tonnage producer compared to Bellekeno and Onek but will provide the necessary higher grade ore to balance and maintain the overall mill feed grade.

Figure 2-3 and Figure 2-4 show the Lucky Queen development plan. Access to the Lucky Queen deposit will be accomplished via rehabilitating the historic 500 level adit for track mining or haulage using7 t trucks at the Lucky Queen deposit. Track or 7 t truck haulage is proposed for Lucky Queen versus haulage with 15 t trucks at Onek, because the historic Lucky Queen adit is a smaller diameter than the proposed Onek development. Rehabilitation of the historic Lucky Queen adit within its existing dimensions is more practicable than re-developing the adit to make it large enough to accommodate larger haul trucks. Figure 2-2 shown typical mine cars that would haul waste rock and ore on rails out of the Lucky Queen workings. Alexco may opt to use 7 t haul trucks instead of track haulage depending on operational considerations.



Figure 2-2. Typical Mine Cars/ Rocker Dump Muck Cars Used for Track Mining



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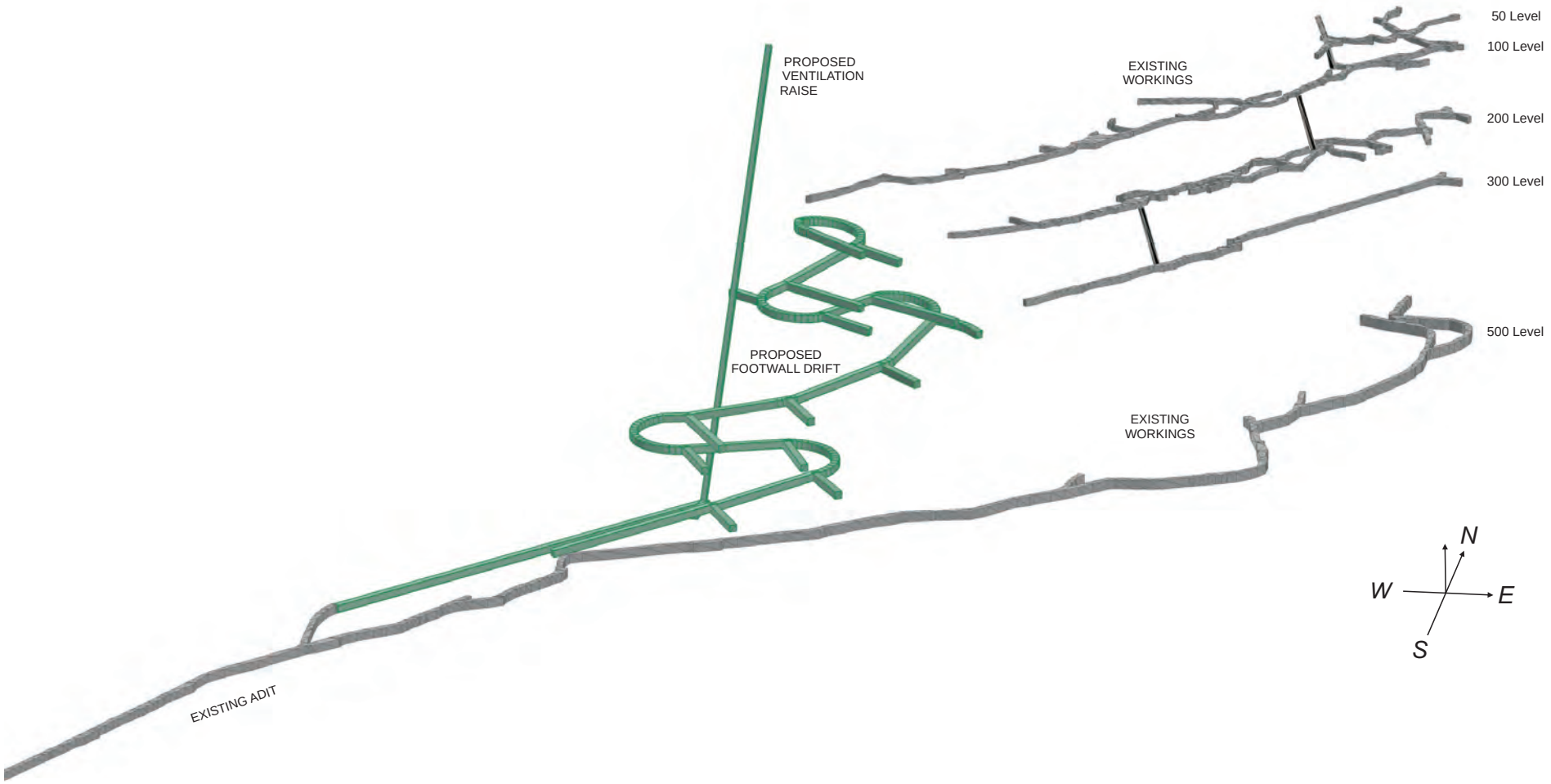
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FIGURE 2-3
LUCKY QUEEN DEVELOPMENT PLAN - CONCEPTUAL CROSS SECTION

DRAWN BY MD	NOVEMBER 2011	VERIFIED BY LH

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FIGURE 2-4

LUCKY QUEEN DEVELOPMENT PLAN -
CONCEPTUAL OBLIQUE SECTION

DRAWN BY MD	NOVEMBER 2011	VERIFIED BY LH

I:\Keno_Area_Mines\LQ\Maps\1_Overview_Maps\Cross Section and Profiles\November 2011\
Oblique_LQ_Existing_and_Proposed_UndergroundWorkings_Schematics_20111125.cdr

The first phase of the development of the Lucky Queen mine is to re-establish the integrity of the historic adit entrance and establish surface support facilities followed by testing and replacing timber support in 1,100 m of drift. These activities do not require drilling, blasting or excavation of waste material and will be completed under the current Class 4 Mining Land Use Approval (LQ00240).

Once the historic 1,100 m exploration drift is rehabilitated through testing and replacement of timbers as necessary, a 175 m footwall drift will be constructed to allow underground definition drilling to be completed followed by final detailed mine planning and production designs. The footwall drift will also serve as the main access and development point from the rehabilitated track assess into the new Lucky Queen deposit. Other than the rehabilitation and use of the 500 level adit, development of the new Lucky Queen deposit has no physical connection with the historically mined Lucky Queen workings.

Approximately 1,100 m of narrow gauge rail system will be rehabilitated to transfer ore and waste rock from working areas to the portal location. Ore will be dumped at the trestle and transferred to standard end dump haul trucks. Underground haulage of ore will be accomplished by battery operated locomotives containing three to four rocker dump muck cars each capable of carrying approximately 3 t of material.

Rehabilitation is currently underway at Lucky Queen by inspecting and replacing timber support as necessary with new ground support technologies for safe access. Main development headings and associated cross-section dimensions are provided below:

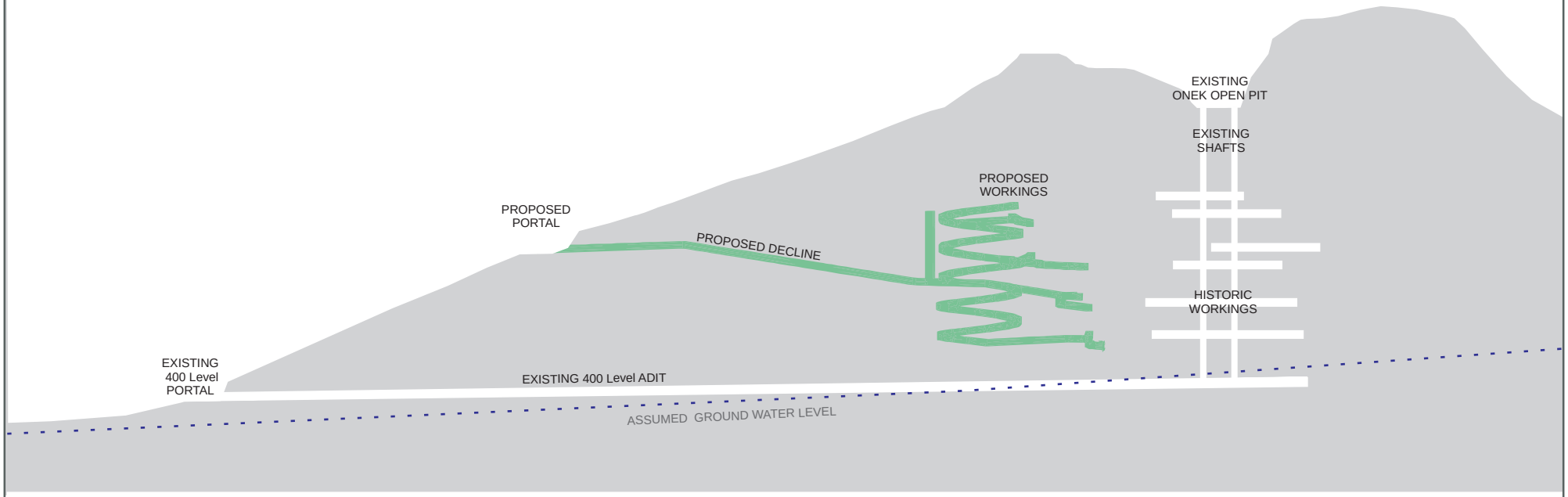
Adit	3.0 m W x 3.0 m H
Ore Access	3.0 m W x 3.0 m H
Ventilation Raise	2.5 m W x 2.5 m H
Misc. Development	5.0 m W x 4.0 m H (includes sumps, re-muck bays, substations, Load Haul Dump (LHD) Loader access, explosive magazine, etc.).

2.4.2 Onek Deposit

In 1922, the Onek Mining Company Ltd. was organized to explore the core Onek claims via a number of open cuts and shallow underground workings in two shafts. In 1950 to 1952, United Keno Hill Mines Ltd. ("UKHM") reopened the shafts and drove an adit in from the northwest to drift along the vein strike at the 400 Level for about 1,300 feet, driving raises up into the historic workings along the way. The Onek Mine was revisited in the early 1960's with limited success. All mining at Onek ceased in 1965, until the late 1980's, when a 20 - 40 m deep open pit was developed by UKHM over the length of the majority of the Onek workings around the historical shafts.

The Onek vein system comprises at least three individual vein faults occurring within a broad northeast striking, southeast dipping structural zone with a strike length of approximately 600 m.

A combination of micro jumbo and several jacklegs will be used at Lucky Queen to provide drilling for headings and ground support.



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FIGURE 2-5

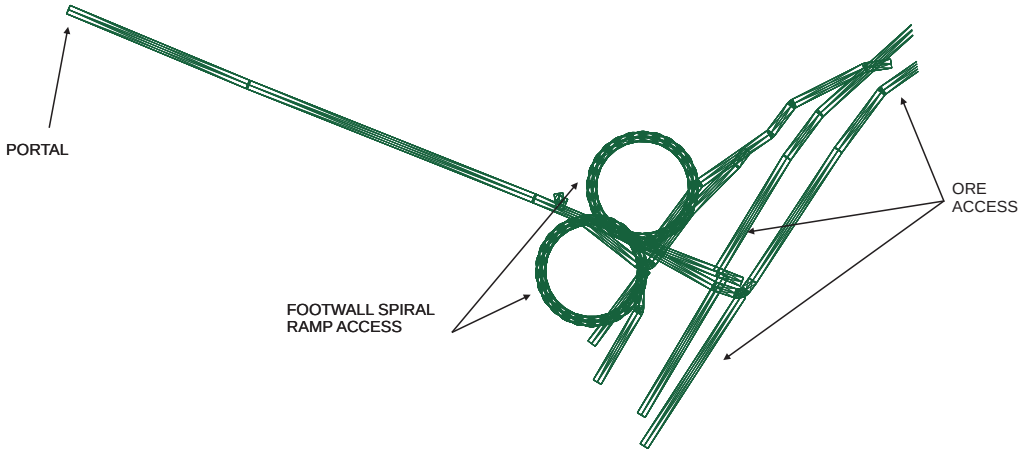
ONEK DEVELOPMENT PLAN -
CONCEPTUAL CROSS SECTION

DRAWN BY MD	NOVEMBER 2011	VERIFIED BY LH

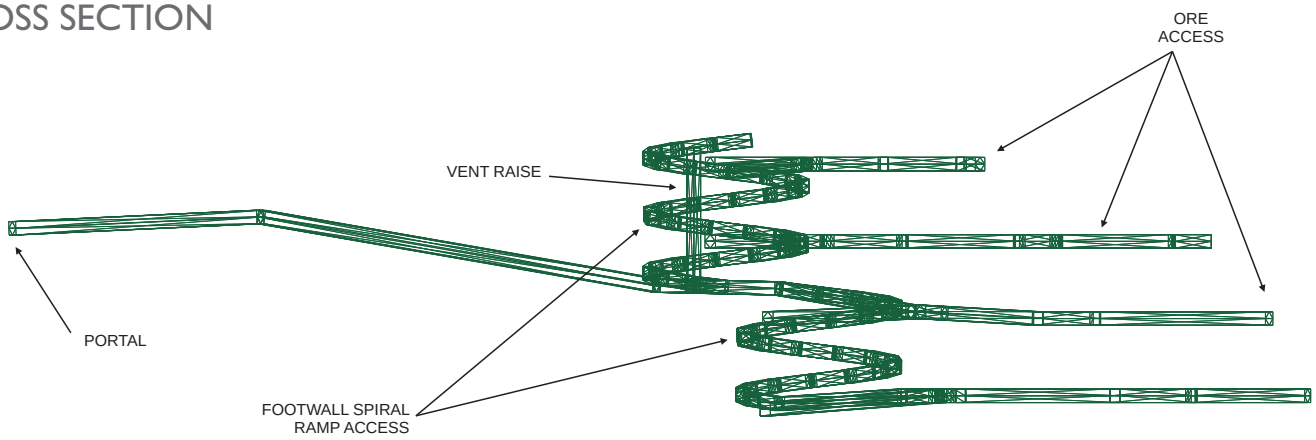
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ONEK UNDERGROUND DEVELOPMENT

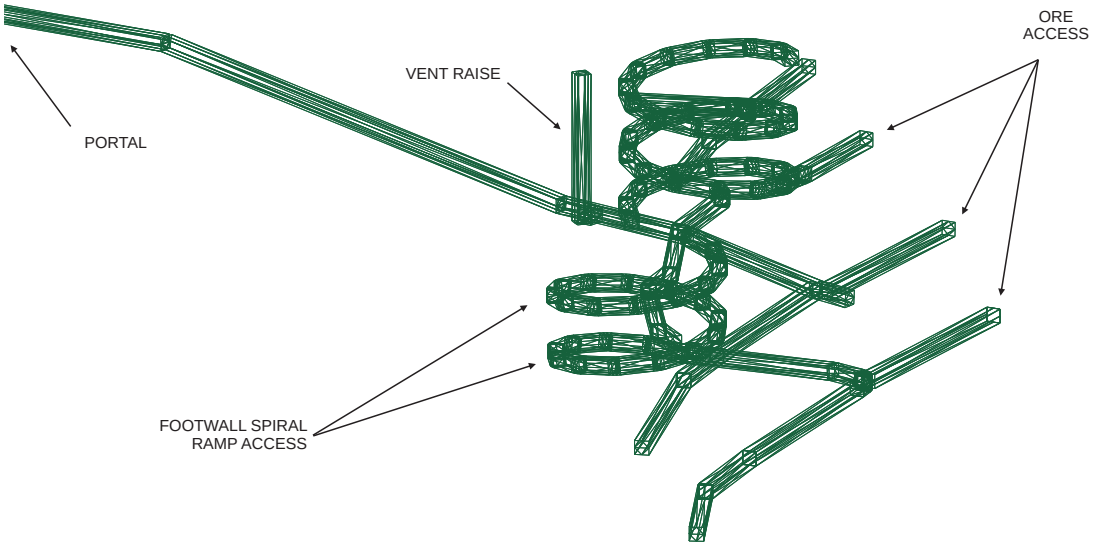
PLAN VIEW



CROSS SECTION



ISO VIEW



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FIGURE 2-6

ONEK DEVELOPMENT PLAN - CONCEPTUAL UNDERGROUND WORKINGS

DRAWN BY MD	DECEMBER 2011	VERIFIED BY LH

D:\Project\All\Projects\Keno_Area_Mines\ONEK\Maps\2_Permitting\YESAB_NOV2011\other diagrams

Figure 2-5 and Figure 2-6 show the development plans for the Onek deposit. Similar to Lucky Queen, development of Onek will not intersect or connect into the historic Onek mine workings or impact the Onek 400 adit. Access to the Onek underground mine will be accomplished via new ramp development for conventional truck access. The new Onek decline is approximately 240 m long (approximately one-third the length of the Bellekeno decline) at a decline of 10% and dimensions 3.5m W x 3.5 m H. Development headings and associated cross-section dimensions are provided below.

Main Ramp	3.5 m W x 3.5 m H.
Ore Access	3.5 m W x 3.5 m H
Ventilation Raise	2.5 m W x 2.5 m H
Misc. Development	5.0 m W x 4.0 m H (includes sumps, re-muck bays, substations, Load Haul Dump (LHD) Loader access, explosive magazine, etc.).

Explosives use is not anticipated to affect the integrity of the existing Onek waste rock dumps that lie above the new underground workings. The minimum pillar between the new decline and existing waste dump stricter is estimated to be a minimum of 20 m. Blasting vibration will be controlled by limiting the long-period detonator charge as necessary.

2.4.3 Mining Method Selection

Mining method selection for both mines is contingent on the characteristics of the deposits and must take into account deposit geometry, geology, geotechnical characteristics, ore recovery, hydrogeology, and other variables. Current mining operations at Bellekeno have confirmed the need to employ a range of mining methods to suit localized characteristics.

Upon preliminary review of the deposit characteristics, three main mining methods were determined to be suitable for different parts of the Lucky Queen and Onek deposits. These methods consist of mechanized overhand and underhand cut and fill (C&F), shrinkage stoping and longhole (LH) stoping for pillar recovery. The actual methods used, and variations of the methods applied, will depend on site specific conditions in each area of the deposit. A summary of the proposed methods is shown in Table 2-5.

Table 2-5. Mining Method Selection

Selected Mining Methods	Justification
Overhand or Underhand Cut and Fill	Selected for less competent rock, less dilution, better ground control and optimized ore recovery
Shrinkage	Selected for the narrow vein sections with reasonably competent rock
Long Hole	Selected to extract the remaining pillars towards the end of the mine life

2.4.4 Drilling

A minimum of one jumbo drill will be necessary to meet production targets for each deposit. The jumbo will be dedicated to development of new ramps and accesses and drilling in the cut and fill stopes. A second,

smaller, micro jumbo will be used in small headings and as a back-up for when the main jumbo is down for maintenance and service. In addition hand held drills may be required if the vein geometry dictates.

2.4.5 Mucking

Mucking at the Lucky Queen mine will be accomplished by a small 1.2 m^3 scoop tram at the working areas. Ore will then be transferred to the transfer raises (ore pass) at certain levels and will be loaded on the track rocker dumps where it then gets transferred to the surface.

Mucking at Onek will be accomplished by two 2.5 m^3 Load Haul Dump Loaders (LHD) to meet production targets. One 2.5 m^3 LHD will be dedicated to production from the stopes and fill placement. The second 2.5 m^3 LHD will be used for mineralized and waste rock mucking and in addition to waste fill placement when the other LHD is unavailable. A 1 m^3 LHD will be used where mechanized mucking in narrow veins is needed.

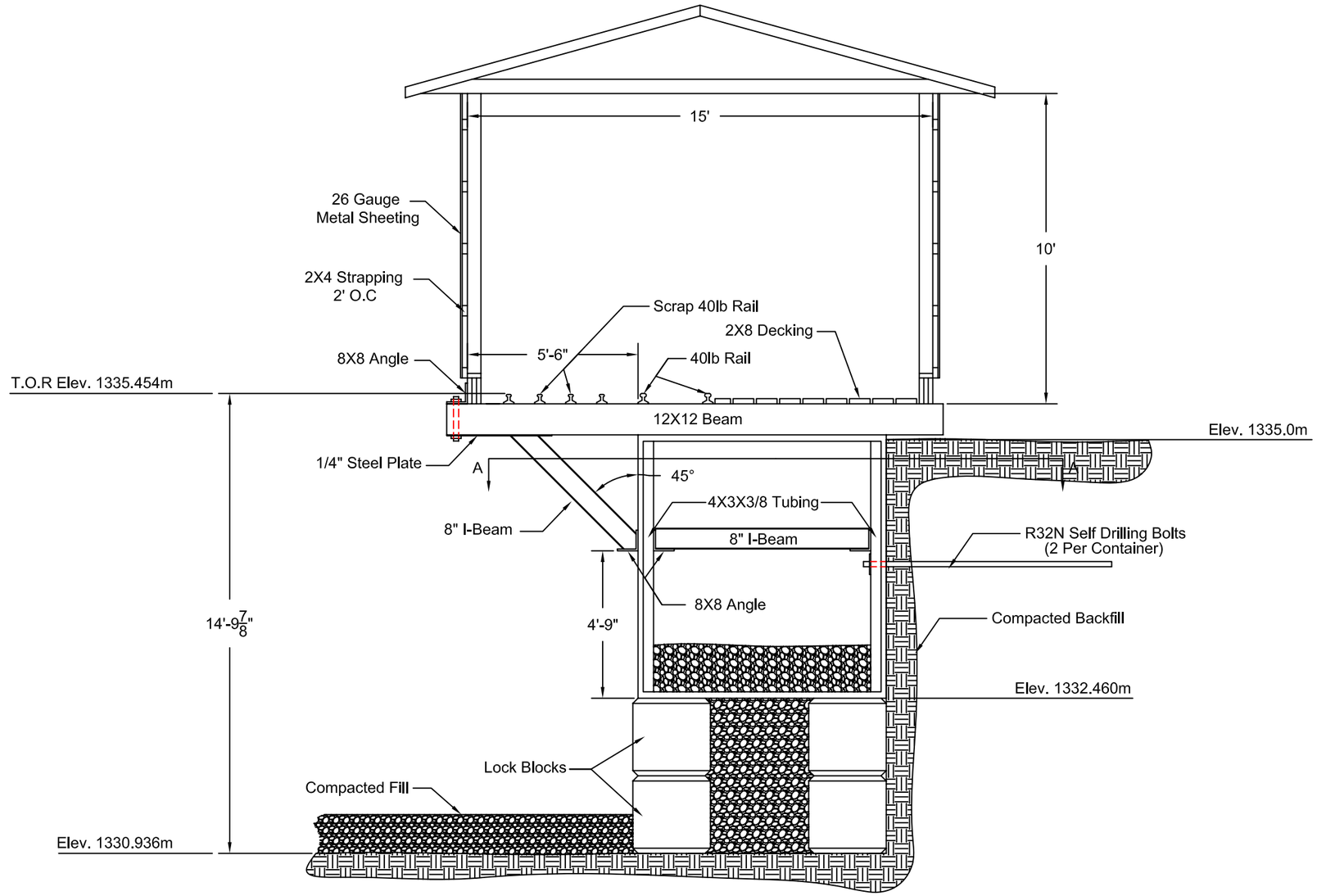
2.4.6 Mine Support Facilities

Support facilities for Lucky Queen and Onek will be located on each site's portal bench. Support facilities include: plant services, miners' dry area, offices, trailers, portal, settling ponds, fuel and explosives storage, and temporary ore stockpile. At Lucky Queen, these facilities are currently established to support Advanced Exploration activities; upgrades and some additional infrastructure will be added to support mine development and production.

Ore from both the Onek and Lucky Queen mines will require temporary storage on surface prior to transportation to the mill. At Onek, 15 tonne underground trucks will haul the ore to surface and deposit on a temporary ore stockpile located adjacent to the portal. The Onek temporary ore stockpile will be on a 0.5 m thick compacted cement rock fill base with a berm which will provide segregation and containment of ore stockpiled on surface. The ore will be removed and processed within approximately 30 days. Once mine operations at Onek are complete, closure of the Onek ore storage facility will consist of cleaning the remaining ore off the pad and then breaking the cement base and placing it underground at Onek.

A design of the Lucky Queen ore/waste rock trestle is attached as Figure 2-7. The location of the trestle within the Lucky Queen surface facilities layout is shown in Figure 2-8. The Lucky Queen trestle has separate ore and waste dump pockets to allow segregation of waste and mineralized material. The base of the trestle will be constructed from a cemented rock base similar to the base that is constructed at the ore storage pad at Onek (i.e. 0.5 m thick cemented rock base). A sloped roof will also be constructed over the ore storage pad to reduce precipitation falling over the stockpiled ore material. The cemented rock base will be sloped inwards to collect any meteoric water that may fall on top of the ore material.

Closure of the trestle includes removal of all remaining ore and waste from the storage pad, removal of the pad and burial underground and salvage/removal of the trestle facilities. The ore will be removed and processed within approximately 30 days.



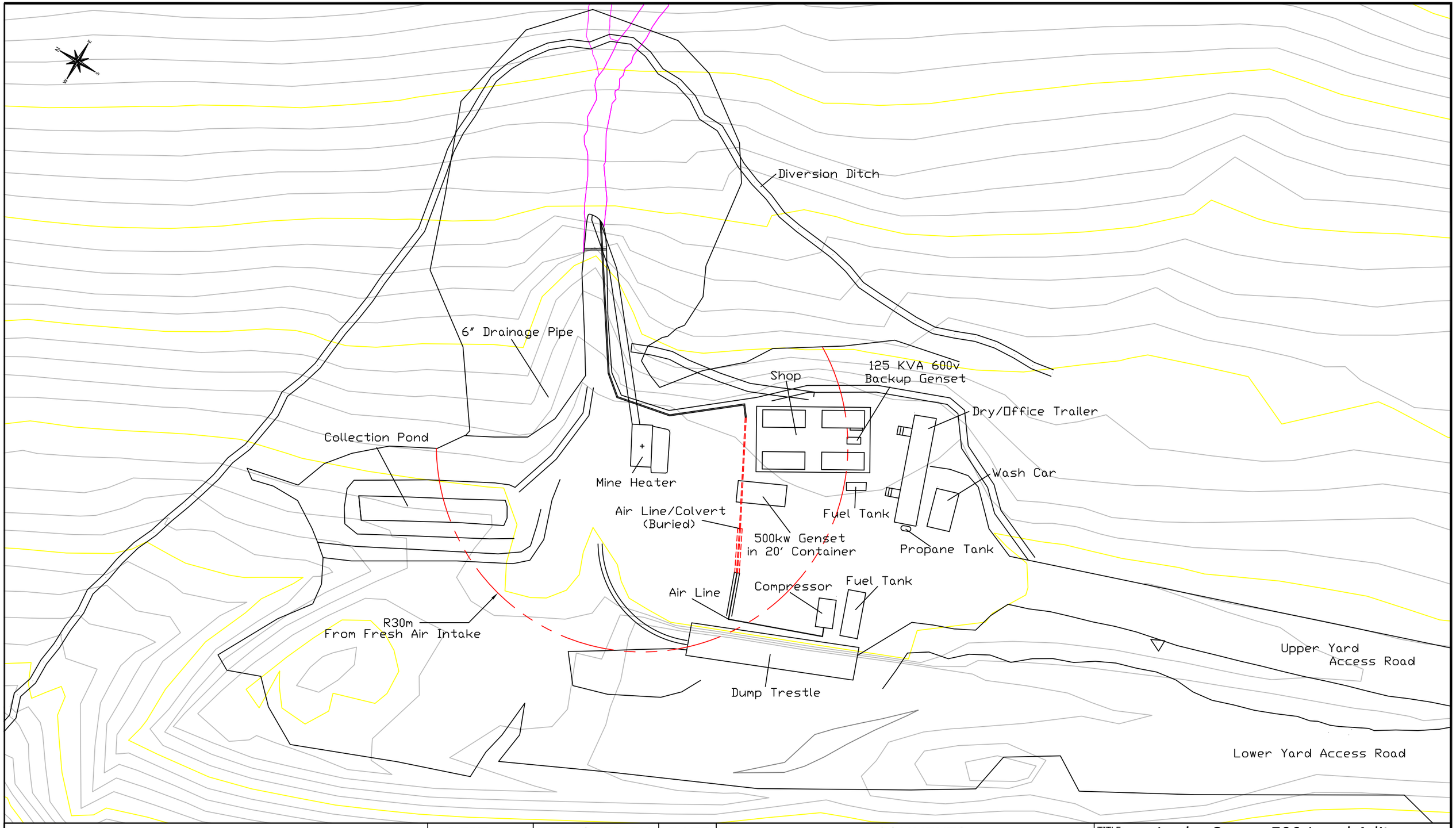
ALEXCO

ALEXCO RESOURCE CORP
Lucky Queen Mine
Figure 2-7

DEPT.	APPROVED BY	DATE	COMMENTS
SURVEY			
ENGINEERING			
GEOLOGY			
ALEXCO MANAGER			
PROCON SUPER			

TITLE: *Lucky Queen 500 Level Adit*
Advanced Exploration
Trestle Section

Drawn by: *D.S* | Scale: *1/4" = 1'-0"*
Date: *7/31/2011* | Approval: | Date:
File:



ALEXCO

ALEXCO RESOURCE CORP
Lucky Queen Mine
FIGURE 2-8

DEPT.	APPROVED BY	DATE	COMMENTS
SURVEY			
ENGINEERING			
GEOLOGY			
ALEXCO MANAGER			
PROCON SUPER			

TITLE: *Lucky Queen 500 Level Adit*
Site Asbuilt

Drawn by: *DS* | Scale: *1:500*
Date: *Nov. 17, 2011* | Approval: | Date:
File:

485400 485500 485600 485700 485800 485900 486000 486100 486200 486300 486400 486500

7087600 7087500 7087400 7087300 7087200 7087100 7087000

N

W E

S

SIGN POST

N-AML WASTE ROCK DISPOSAL AREA

LICENCED P-AML WASTE ROCK STORAGE FACILITY

SIGN POST PORTAL & PAD

LOW GRADE ORE STOCKPILE

A

A'

B

B'

ACCESS RAMPS

LOW GRADE ORE STOCKPILE

BORROW SOURCE

LOW GRADE ORE STOCKPILE

NEW ONEK WORKINGS

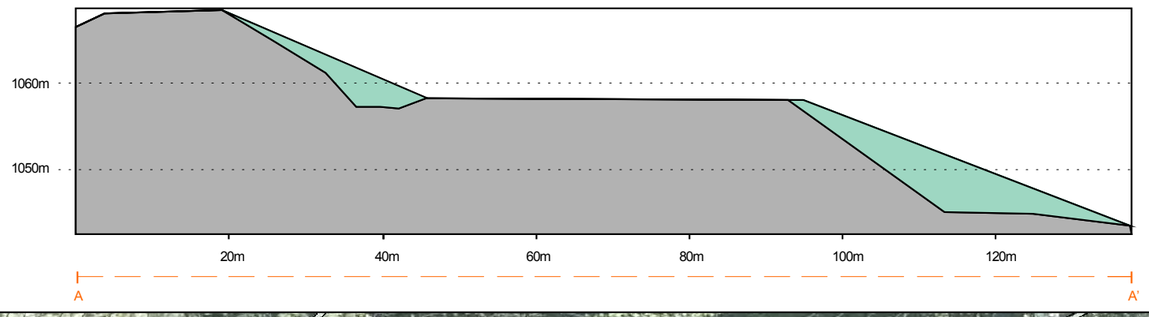
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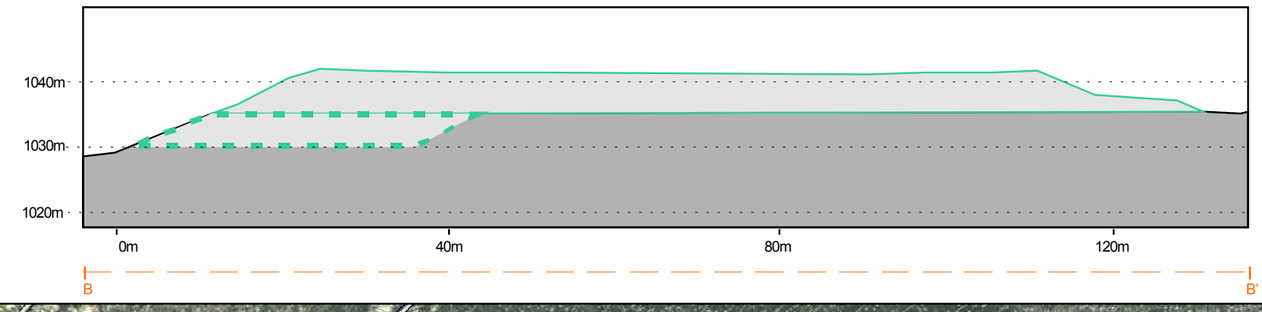
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ONEK N-AML WASTE ROCK DISPOSAL AREA



BORROW SOURCE



Aerial photograph obtained from Geodesy Remote Sensing Inc., Calgary Alberta. Imagery acquired September 13th and 14th 2006.

Contours derived from 2006 aerial imagery obtained from Aero Geometrics, Calgary Alberta.

Datum: NAD 83; Projection: UTM Zone 8N

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- Adit
- Cross Section
- Proposed Bypass Road
- Highway
- Local
- Contour (5 m interval)
- Proposed Features
- Existing Features
- Proposed Borrow Source

AKHM

ACCESS

ALEXCO KENO HILL MINING CORP.
PROPOSED DEVELOPMENT PLAN

FIGURE 2-9
ONEK - SURFACE DEVELOPMENT

Drawn By JP	MARCH 2012	Verified by LH

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(Last edited by: mducharme;12/03/2012/12:49 PM)

The Lucky Queen Portal Pad (top surface of the waste rock storage dump) is an existing structure that does not require upgrades or modifications in order to support development and production at the Lucky Queen deposit.

Initial development of the Sign Post Portal Bench for the Onek Mine began in the summer 2011; however, additional construction is required prior to use. Further development of the bench will require approximately 40,000 t of material, which will be sourced from existing waste dump material at Onek (see Figure 2-9), as well as waste material from decline development, as available. Section 3.4.2.1 addresses the use of the existing dumps.

Appendix E presents a list of materials to be used in underground development and production.

2.5 SITE ACCESS AND TRANSPORT

Alexco remains committed to reducing the impact of its mining activities on the local residents. To this end, we will be constructing another bypass road to the north of town so that the mine-to-mill ore haul will not go through the center of town as it did historically. The North Side Bypass Road, shown in Figure 2-10, will be developed to direct mine traffic to/from Onek and Lucky Queen around Keno City.

2.5.1 Traffic Routing and Volumes

Ore will be hauled between Lucky Queen and Onek and the mill via the new North Side Bypass Road, the Christal Creek Road and Duncan Creek Road (Figure 2-10). The general alignment is shown; however, the exact route will be selected through consultation with Keno City residents.

Trucks coming from Lucky Queen will travel down the Wernecke Road and turn west onto the North Side Bypass Road; haul trucks from Onek will be routed across Sign Post Road to the Bypass Road. Table 2-6 presents the traffic volumes estimations for the project.

Table 2-6. Traffic Volume Estimations for Proposed Project

	Bellekeno only*	Bellekeno	Lucky Queen	Onek
Light Truck (<1 ton) and autos	22	22	6	6
Buses	4	4	4	4
Heavy Trucks (>5 ton) bulk materials	8	6	2	2
Ore trucks(>20 ton)	28	12	0	0
Light Ore Trucks (<20 ton)	-	0	15	25
Total Round trip	62	44	27	37

* Provided in YESAB Project #2009-0030

The maximum production rate and ore tonnage are not proposed to change. Consequently, the same total ore tonnage will be trucked from a combination of Bellekeno, Onek and Lucky Queen.

The total mine traffic volumes will increase by 75% from traffic volumes for Bellekeno Mine only, because smaller 15 t haul trucks will be used and because additional vehicles will be required to service the new mines. Trucks hauling Bellekeno ore will continue to be routed along the Bellekeno Haul/Lightning Creek Bypass between the mine and mill, avoiding Keno and the Silver Trail Highway.

The number of ore transport trucks traveling along the Silver Trail, Klondike and Alaska Highways will remain unchanged, because the total tonnage of ore remains unchanged.

The haul trucks have to be highway legal (i.e., 15 t trucks) in order to travel the Silver Trail Highway between the access points for the North Side Bypass Road and the Christal Lake Road. There will be signage installed along the Silver Trail Highway warning of mine traffic and turning trucks on the approximately 700 m portion of the Highway.

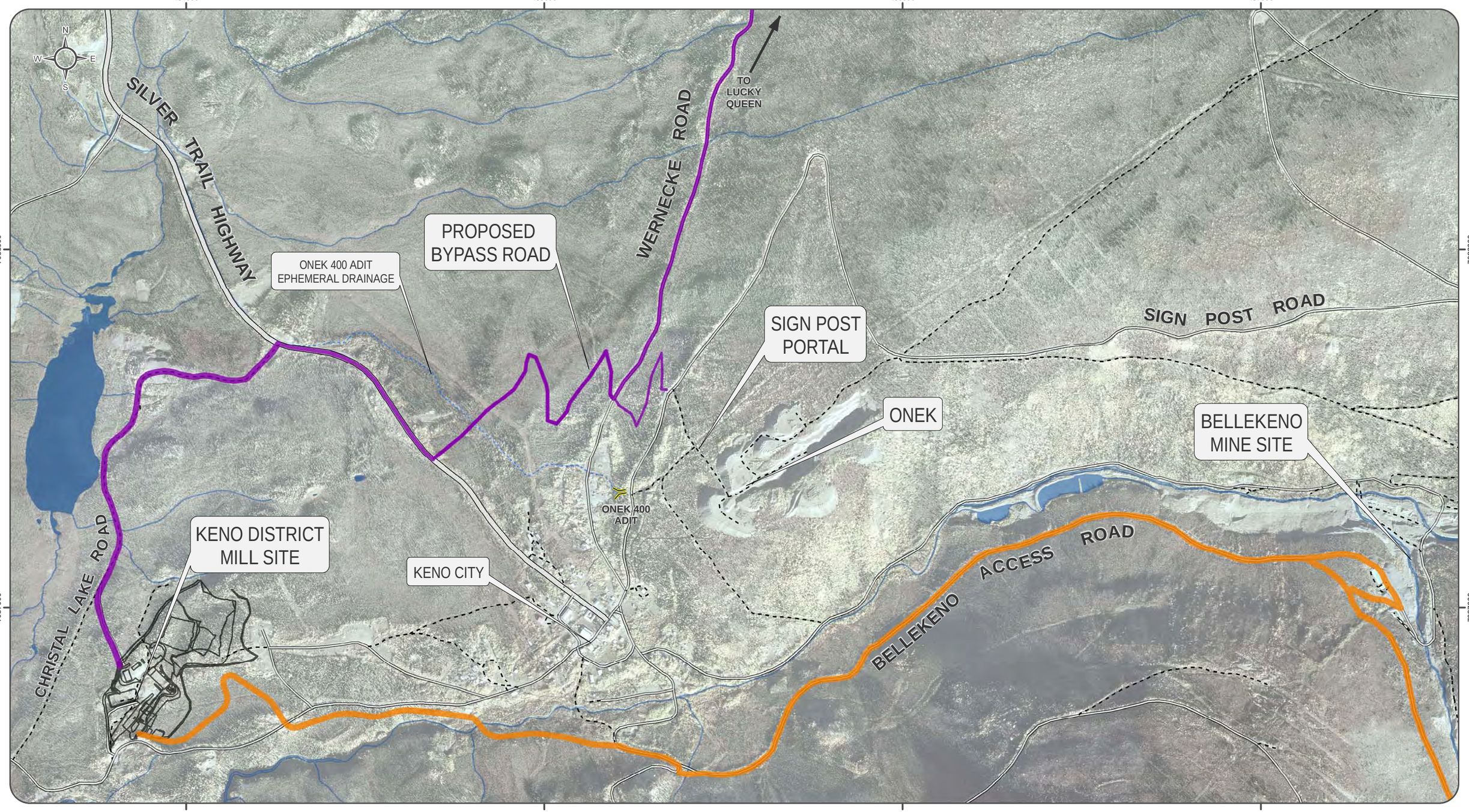
Establishment of the North Side Bypass Road will minimize mine related traffic through the community of Keno and on existing roadways; thereby mitigating potential effects associated with truck traffic on public health and safety and community health and wellbeing.

Road construction will require approximately three months to complete. It is scheduled to begin upon issuance of the amended QML. The Bypass Road will be completed prior to initiation of production at Onek and Lucky Queen. During the road construction period, mine development related traffic will be routed through Keno. Table 2-7 presents traffic level estimates for the project during the road construction period. Traffic volumes to Lucky Queen during this period will not increase significantly from current volumes, because adit rehabilitation is already being undertaken under LQ00240 and minimal additional site infrastructure is required. Traffic to Onek will increase from current rates to accommodate development of the Sign Post Portal Pad and the new decline. To the extent possible, trips will be coordinated to reduce volumes.

Table 2-7. Traffic Levels During Bypass Road Construction

Vehicle Type	Average Traffic Volumes (roundtrips/week)
Lucky Queen – current traffic levels (no change anticipated)	
Light Truck	75
Water truck	2
Sewage truck	1
Semi trailer loads (mining equipment, building supplies, construction equipment, etc)	2
Grader	1
Onek – estimated traffic levels	
Light Truck	85
Water truck	7
Sewage truck	1
Semi trailer loads (mining equipment, building supplies, construction equipment, etc)	4
Grader	1

2.5.2 Road Development and Traffic Management Measures



Aerial photograph obtained from Geodesy Remote Sensing Inc., Calgary Alberta. Imagery acquired September 13th and 14th 2006.

Site hydrography and contours derived from 2006 aerial imagery obtained from Aero Geometrics, Calgary Alberta.

Datum: NAD 83; Projection: UTM Zone 8N

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1:10,000 *(when printed on 11 x 17 inch paper)*

0 65 130 260 390 520 Meters

- Bellekeno Access Road
- Lucky Queen and Onek Haul Traffic Routing
- Highway
- Local
- Track
- Watercourse
- Waterbody

AKHM ACCESS

ALEXCO KENO HILL MINING CORP.
PROPOSED DEVELOPMENT PLAN

FIGURE 2-10

LUCKY QUEEN AND ONEK ACCESS ROUTES

Drawn By JP	MARCH 2012	Verified by LH

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(*Last edited by: jpan;3/13/2012/13:38 PM*)

The Traffic Management Plan, developed under QML-0009, will be updated as part of project licencing to incorporate Lucky Queen and Onek mine traffic and management of the North Side Bypass Road development and maintenance/upgrade.

The North Side Bypass Road will be approximately 1.7 km long and 6 m wide. Approximately 55,000 t of road building material will be sourced from an existing waste rock dump at Onek (see Figure 2-9). The Waste Rock Management Plan protocols will be applied to ensure only N-AML waste rock is used. Section 3.4.2.1 describes the use of existing waste dump material.

As part of standard practice, the routing will be surveyed and engineering drawings will be developed to ensure the road is built to appropriate standards. Conceptual and construction engineering drawings will be provided to regulatory authorities as required. The proposed routing shown for environmental assessment was conceptual in nature, and will be refined incorporating standard engineering inputs, as well as input from the community of Keno City. Alexco has contacted YG Highways & Public Works Transport Branch about developing the Bypass Route and will continue to consult with the agency. The Highway Access/ Works within a Right-of-Way permits will be adhered to in order to ensure public and worker safety.

The routing does not cross or come within 30 m of any watercourse or waterbody. Ditching along the road will facilitate appropriate drainage. Culverts will be installed at the intersections with the Silver Trail Highway, Wernecke Road and Sign Post Road for drainage. The cleared vegetative debris and topsoil will be stockpiled along the routing for road reclamation.

As shown on Figure 2-10, the historic Onek 400 adit discharge pathway currently follows a natural depression feature toward the Silver Trail Highway. On average, the discharge currently goes to ground less than 100 m from the adit; during peak seasonal flows, the discharge may reach the Silver Trail Highway. As the adit discharge is ephemeral, it is not fish bearing. The project proposes to collect and treat the Onek 400 level adit discharge and to use the treated discharge for mining activities at Onek. Alexco will install a culvert where the North Side Bypass Road intersects the drainage depression. At closure as part of the road decommissioning, the culvert will be removed and the natural drainage pattern will be restored.

There will be stop signs to stop mine traffic at the intersections with Sign Post Road, Wernecke Road and the Silver Trail Highway. The line-of-sight distance requirements of YG Highways & Public Works Transport Branch and the Highway Access/ Works within a Right-of-Way permits will be adhered to in order to ensure public and worker safety.

Signage warning of crossing/turning mine dump trucks (over the highway dump trucks) will be installed along Sign Post Road, Wernecke Road and the Silver Trail Highway in accordance with the requirements and direction of YG Highways & Public Works Transport Branch officials.

The North Side Bypass Road will be a radio controlled road accessible to mine traffic only. Signs will be installed at the road access points prohibiting public traffic from traveling on it. The maximum speed limit will be 40 km/h, reduced to 20 km/h at blind corners and road crossings.

Potential socio-economic effects associated with project traffic are addressed in Section 7.

2.6 WORKER HEALTH & SAFETY

Operations at the Keno Hill Silver District fall under the jurisdiction of the *Occupational Health & Safety Act* and Regulations administered by the Yukon Workers' Compensation Health & Safety Board. Alexco has in place a Health & Safety Policy (Appendix B) and both will continue to be adhered to during the course of operations at Onek and Lucky Queen. Mining operations at Bellekeno have surpassed a year without a Lost Time Accident (LTA). This represents over 150,000 manhours worked without a LTA underground.

All personnel and Contractors will meet the standards outlined in the Occupational Health and Safety Legislation, Mine Safety Rules, and Regulations of the Worker's Compensation Board.

The Emergency Response Plan is included in Appendix F.

Alexco has an established program for achieving and maintaining a healthy and safe workplace. In the Keno Hill Silver District there are currently emergency first aid responders providing 24-hour service. There are multiple first aid rooms and an ambulance on the site as well.

Alexco policy requires that all employees (including contractors' employees) have pre-employment medical examinations including a drug and alcohol test. All employees will be fully equipped with the proper personal protective equipment standard for working underground, taking into consideration hazards caused by noise level, air born particulates and confined work space.

All new employees will have a site wide and safety orientation and another orientation of the underground work site prior to commencing work. Regular safety meetings with supervisors, safety officer and employees are mandated. Any changes in procedures, equipment, or hazards require immediate notification to employees.

Underground contractors, Alexco personnel and others will have to comply with the Yukon OH&S regulations in addition to Alexco and contractors in-house standards.

A Safety Coordinator/Officer specific for the underground operation will ensure all workers are orientated to all aspects of the work site including hazard identification, protective equipment requirements and that medical and health requirements are followed according to legislation. That position is also charged with ensuring continued training and skill development for all personnel.

2.7 POWER REQUIREMENTS AND GENERATION

Power for the Keno Hill Silver District is supplied by Yukon Energy Corporation (YEC). The Mayo hydro facility was recently upgraded with a new penstock and turbine plant providing additional capacity (Mayo B). Currently the power for the Keno Hill Silver District is supplied by a 69 kV overhead line from Mayo and is then stepped down at the Onek transformer to 6.9 kV for further distribution to the Bellekeno mine. The Onek substation has a design capacity of 999 kVA. The Onek substation will require upgrade prior to full mine production at Onek as this substation will supply both the Bellekeno and Onek mines.

Power requirements at Onek are estimated at 300 kW (6,570 MWh/yr). Power will be supplied at Onek initially by diesel generators and eventually via transmission lines.

Electrical power for Lucky Queen will initially be provided via on site diesel powered generators although a power line extension from the Onek substation to Lucky Queen is eventually anticipated and has been scoped into this assessment (Figure 1-1 shows the proposed routing). Alexco has been in discussion with M. Bindig, the owner of the private lot on the Wernecke road (other than Alexco), and before any power line construction he will be consulted about placement and any pertinent easements will be secured.

Under full operating conditions, Lucky Queen is expected to require 900kW (19,710 MWh/yr). Lucky Queen requires considerably more power than Onek in order to supply its track haul operations and additional ventilation requirements due to its longer mine access.

Upgrades to the Onek substation are included within the scope of this project. The upgrades will involve work undertaken within the existing housing of the substation and will not involve any additional footprint.

2.8 FLAT CREEK CAMP EXPANSION

The currently licenced Flat Creek Camp facilities will require expansion to accommodate additional project personnel. Currently, Alexco is permitted to operate septic systems for 148 people. In order to accommodate the additional personnel required for the project, Alexco proposes to expand the systems for up to 200 people. Minor clearing (less than 0.5 ha) will be required for expansion of the Flat Creek system. All disposal facilities will comply with the *Public Health and Safety Act*, Sewage Disposal Systems Regulations.

An additional camp accommodations trailer will be added to the existing Flat Creek camp facility however, there is sufficient space in the vicinity of the existing trailers on previously disturbed ground. No additional footprint will be required.

2.8.1 Camp Water Supply

The Flat Creek well was originally licenced under QZ07-078 and currently under QZ09-092. Alexco is licenced to withdrawal water from Flat Creek and the groundwater well for domestic use at a *combined* rate not exceeding 42.75 m^3/d (Clause 14[m]). Alexco proposes to increase this combined rate to 57 m^3/d to accommodate additional personnel at the camp.

Potential effects associated with camp water use are addressed in Section 5.3.3.

2.9 WASTE MANAGEMENT

Project waste will be managed according to the Waste Management Plan in place under the QML-0009[1].

2.10 FUEL AND HAZARDOUS MATERIALS MANAGEMENT

Fuel and petroleum products required for mine development and production at Onek and Lucky Queen will be managed appropriately at each site. Two Envirotanks will be placed at each Lucky Queen and Sign Post Portal pads to supply fuel for mine development and production operations: one 28,500 L main tank and a 2,100 L "day tank" for the generator.

The existing approved Spill Contingency Plan[2] will be applied to development and operations at Lucky Queen and Onek.

2.10.1 Explosives

Explosives will be used in mining operations at both sites. Onsite manufacturing will not be required. At Lucky Queen, up to 4,500 kg of explosives will be stored in an appropriate location on the portal bench. Up to 9,000 kg of explosives will be stored on the Sign Post Portal pad. Explosives use, transport, handling, storage and disposal is governed by the Yukon *Occupational Health and Safety Act* Blasting Regulations and Occupational Health & Safety Regulations, and the *Transport of Dangerous Goods Act* and Regulations.

The blasting product will be ammonium nitrate / fuel oil (ANFO) and augmented with stick powder where needed. Detonators will be non-electric and tied in with detonator cord. Powder and cap magazines will be located on surface and proximal to the respective portals for Lucky Queen and Onek. The explosive magazines will be located at appropriate distances away from the portals and other buildings as dictated by regulations. Explosives and detonators will be conveyed to the working headings on as need basis transported via approved day boxes. Excess explosives will be returned to the magazine at the end of the shift. A log book will be maintained in the magazine as required by regulations.

[1] Available on YG Energy, Mines & Resources website at http://www.emr.gov.yk.ca/mining/pdf/mml_bellekeno_waste_management_plan_revision_1.pdf

[2] The Spill Contingency Plan is available at http://www.emr.gov.yk.ca/mining/pdf/mml_bk_spill_contingency_plan.pdf

2.11 GENERAL GROUND PROTECTION MEASURES

During development and operations certain activities could affect ground stability. In general, ground disturbance will be minimized and only minimal new footprint development will be required. Geotechnical engineers will inspect sites proposed for N-AML and P-AML waste rock dumps and other major surface facilities prior to development. Appropriate water management infrastructure (e.g. diversions, berms) will be established to ensure site runoff is managed and erosion/ground instability is avoided.

While the broad region in which the KHSD is located is generally characterized by discontinuous permafrost, Alexco has not encountered significant permafrost during development anywhere in the District. As much of the surface development is proposed for existing disturbed areas, the likelihood to encounter permafrost at surface is relatively low.

Surface mine support facilities are currently established on the Lucky Queen Portal Bench in support of adit rehabilitation being conducted under Alexco's Class 4 Mining Land Use Approval (LQ00240). Some additional infrastructure will be developed to support mine development and production. The Lucky Queen Portal Pad is located atop a historic waste rock dump that is nearly 30 years old. Given its young age and the nature of the dump material, it is highly unlikely that there is any permafrost within the dump – the dump itself effectively acts as a barrier protecting any permafrost that may lie beneath the dump. The proposed location of the Lucky Queen P-AML WRSF is also atop a historic dump constructed roughly 30 years ago and not likely to contain permafrost. Consistent with the requirements of EBA's generic facility design criteria, an engineer will inspect the site to ensure its geotechnical stability prior to construction of the new P-AML facility.

A new N-AML WRDA and possibly a new P-AML WRSF will be located on existing historic waste rock dumps at Onek. These dumps have also existed for nearly 30 years and are not likely to have permafrost within them. Rather, the dumps themselves effectively act as a barrier protecting any permafrost that may lie beneath the dump.

Areas of new disturbance include the proposed Lucky Queen N-AML WRDA and the Sign Post Portal Pad. As indicated in Appendix E of the original project proposal (Lucky Queen Waste Rock Extension – Conceptual Design [EBA, 2011]), permafrost was not encountered during the geotechnical site investigation. The Sign Post Portal Pad is being initially developed under LQ00240 (e.g., clearing, stripping, collaring the portal) and will be completed under the amended Bellekeno mine licences once borrow material is available upon licence issuance. Mining engineers on site have not encountered permafrost during initial development of the Portal Pad. Borrow material will be placed on the Sign Post Portal Pad, which will act as a protective barrier to the ground beneath.

Permafrost may be encountered underground. Alexco will engage geotechnical engineering consultants to inspect areas where permafrost is encountered that could pose significant geotechnical issues. The geotechnical engineers will advise Alexco as to any modifications to design or operations to ensure mitigation of slumps or failures relating to the presence of permafrost.

3 WASTE ROCK CHARACTERIZATION AND MANAGEMENT

The geology and mineralization at Onek and Lucky Queen share a number of similarities with the Bellekeno deposit including: they occur within the same major lithologic unit, are similar in general age and are similar style of mineralization. As such, the geochemical characteristics of the rocks are similar.

Geochemical characterization studies using the exploration drillhole geochemistry database consisting of acid base accounting (ABA) and metal assay results for both Onek and Lucky Queen were undertaken in order to determine if the Waste Rock Management Plan currently in place for the management of waste rock at Bellekeno is suitable for use at Lucky Queen and Onek. Additionally, the study was completed to characterize and identify which rock units will be encountered during development of the Onek and Lucky Queen mines. The geochemical characterization studies for Onek and Lucky Queen are attached as Appendix G and H, respectively. The complete ICP metals and ABA results for Onek and Lucky Queen have been presented in Appendix I. The results of the geochemical rock characterization at the Onek and Lucky Queen sites has shown that the characterization of the materials is similar to the materials present at the Bellekeno Mine and that the current Waste Rock Management Plan will be protective when applied to both these mining areas. The Bellekeno Waste Rock Management Plan can be found online as Appendix B of the Construction Site Plan[3].

3.1 HISTORY AND PERFORMANCE OF THE WASTE ROCK MANAGEMENT PLAN

The Waste Rock Management Plan (WRMP) was established in 2008 for the management of excavated waste rock during advanced underground exploration and development activities prior to mine licensing and production at the Bellekeno Mine. These activities were licenced and carried out under Mining Land Use approval LQ00240 and Type B Water Use Licence (WUL) QZ07-078. The WRMP was determined to be effective and adopted for the Bellekeno Mine operations and production, which was licenced under QML-0009 and WUL QZ09-092 and commenced at the end of 2010.

No N-AML waste rock dumps have been created since the Bellekeno mine was licenced in 2010. N-AML waste rock has been either placed underground or used for construction/upgrade/maintenance of the Bellekeno Haul Road/Lightning Creek Bypass Road. Seeps from the road building materials have not been identified; therefore, N-AML waste rock seepage quality data do not exist.

Clauses 60 and 61 of QZ09-092 pertain to inspections and monitoring waste rock dumps:

[3] Available on the YG EMR Mineral Resources Branch at http://www.emr.gov.yk.ca/mining/pdf/mml_bk_construction_site_plan_revision_1_november2009.pdf

60. At a minimum, the Licensee shall record the following during all inspections and provide the details as part of the annual report:
    a) any physical instability including erosion;
    b) upstream ponding of water and downstream seepage;
    c) the location of ponding and seepage;
    d) the volume of flow, field pH and conductivity of ponding or seepage;
    e) visual evidence of sulphide oxidation including snow melt areas or the presence of oxidation products; and
    f) trends in pH, and conductivity for any recurring seepage or ponding location.
61. Seepage or ponding locations identified through inspection shall be assigned a unique identifier consistent with monitoring stations in this licence. Descriptions of new locations shall be provided to the Board as part of the annual report.

Additionally, the Conceptual Adaptive Management Plan (AMP) (Appendix Q) stipulates measures to be taken in the case of identified waste rock seepage. The AMP will be further developed during the Water Use Licence amendment process to incorporate Lucky Queen and Onek.

Feedback and demonstration of the effectiveness of the WRMP is provided primarily through periodic review of routine geochemical testing of excavated materials as a check of the field screening criteria. Longer term geochemical stability and water quality prediction information is provided through the Mine Wall Testing Plan, Hydrogeology Study Plan, Groundwater Monitoring Plan and Monitoring and Surveillance Plan, which also form parts of the major mine licences (QML-0009 and QZ09-092). The results and synthesis of annual WRMP activity are summarized and presented each year as part of the annual reports which are requirements of the major mine licences. Highlights from the 2010 annual report are summarized below.

- The compositing frequency was adequate to confirm the general rock characteristics of Non-Acid Metal Leaching (N-AML) rock while verifying the accuracy of the field screening classification.
- The sampling methodology was found to be adequate in producing accurate and representative characterization of each blast round during the field screening process.
- Additional ABA data collected from all Potentially Acid Metal Leaching (P-AML) composites has added to the understanding of the correlation between lithology and geochemical characteristics.
- Carbonate estimation in the field has remained difficult in samples with low to moderate amounts of available carbonate for neutralization (<1000 kg $CaCO_3$/tonne).
- During the WRMP field screening program in 2010, a total of 2,024 t (3.68% of the total excavated tonnage) originally classified through field investigations as N-AML was shown through geochemical testing to be P-AML. Graphitic schist initially proved to be especially difficult for geologists to accurately classify in a field setting. In order to address potential misclassification in the field, the waste rock screening program has been updated with a focus on measures employed to confirm classifications, especially in excavation areas containing graphitic schist. No changes to other aspects of the WRMP are required.

The misclassified rock represented a small percentage of the overall excavated material, but was sent to surface and mixed with net neutralizing material and is not expected to result in any net generation of AML. The response measures implemented to address this operational application of the WRMP demonstrate the importance of feedback mechanisms and adaptive management in improving the efficacy the WRMP.

The WRMP provided the basis for the operational identification and segregation of P-AML from N-AML waste rock. These criteria include the use of fizz testing undertaken by mine geologists using dilute hydrochloric acid (HCl) to determine paste pH in order to estimate NP. This method is consistent with standard industry practice. These observations are used in combination with visual estimates of the percentage of sulphide minerals which have been demonstrated to affect the potential for net acid generation and metal leaching. The interpretation of these criteria in actual waste rock (e.g., 2% pyrite or "slight or no effervescence of pulverized sample with 25% HCl") is somewhat subjective and thus requires a keen eye and is refined through operational experience and feedback from confirmatory geochemical testing. In this case, the finding that a small percentage of waste rock classified through field testing as N-AML was shown through geochemical testing to be P-AML did not necessitate any fundamental change to the WRMP or the Field Screening Criteria, but rather provided feedback to site geologists that their interpretation and estimated NP deduced from paste pH and fizz testing in graphitic schists was higher than indicated by geochemical testing. Alexco geologists' operational response was to be more conservative in interpreting the result of the field screening criteria which resulted in a greater proportion of the graphitic schists being identified as P-AML.

Results of geochemical confirmation testing will be compiled and interpreted as part of the annual reporting requirement for the Bellekeno Mine, Quartz Mining Licence and Type A Water Use Licences (due March 31, 2012), which will help determine if measures taken have been effective in increasing the accuracy of the waste rock determination. It should be noted that very little waste rock excavated (P-AML and N-AML) was brought to surface during 2011. The reason for this was the current mining cycle requires that all of the new development rock be used for backfill to enable for mining to proceed.

While there are some suggestions for improvement and streamlining of the WRMP within the annual report summaries, the WRMP has been effective overall in the identification, segregation, operational management and geochemical verification of excavated materials at the Bellekeno Mine. The robust feedback mechanisms featured within the WRMP and in the other related plans will help ensure the efficacy of waste rock management activities at other mines within the district.

The annual reports which contain complete WRMP summaries are available online at Yukon Government Energy Mines and Resources website:

http://www.emr.gov.yk.ca/mining/bellekeno.html

The annual reports for Water Use Licences QZ07-078 and QZ09-092 which also contain WRMP summaries are available in hard copy at the Yukon Water Board's office.

3.2 ROCK MANAGEMENT CATEGORIES

The rock at the Lucky Queen and Onek deposits can be categorized as follows: Non-Acid Metal Leaching waste rock (N-AML), potentially-acid metal leaching (P-AML) waste rock, mineralized rock, and ore. Waste rock and Ore excavated from the Lucky Queen and Onek mines will be categorized and managed according to the existing Waste Rock Management Plan:

- Non-Acid Metal Leaching Waste Rock (N-AML): Rock of non-economic grade with no significant potential for the generation of net acidity or metal leaching. The major waste rock lithologies at Onek are anticipated to be comprised of approximately 65% N-AML rock. The waste rock at Lucky Queen is expected to be comprised of approximately 65% N-AML rock. Rock field-classified as N-AML will be stored in designated Waste Rock Disposal Areas (WRDAs) and used for general construction purposes as required.
- Potentially-Acid Metal Leaching (P-AML) Waste Rock and Mineralized Waste Rock of no Economic Interest: Rocks field-classified as P-AML will be stored in designated lined P-AML waste rock storage facilities. In addition to P-AML wall rocks, some material especially along the margins of zoned veins contain mostly gangue minerals such as siderite, pyrite and quartz, but do not contain economic amounts of silver (Ag), zinc (Zn), or lead(Pb) minerals and therefore are of no economic interest. Due to their increased likelihood for acidic or metal leaching, all such mineralized non-economic rock is considered to be P-AML and will be stored in P-AML Waste Rock Storage Facilities (WRSFs), or used as rock backfill.
- Mineralized Rock and Ore: Ore and vein material which contains significant Ag, Zn or Pb minerals may be temporarily stockpiled at the surface at the mine site before being transported to the mill. Confirmatory assay will determine whether this rock is milled, or is sent to the P-AML WRSF or hauled back underground to be incorporated in the cemented rock backfill material. This material will be temporarily stockpiled on surface for a maximum of 30 days.

The ultimate fate and use of these rock types are summarized in Table 3-1.

Table 3-1. Summary of Management Protocols for Rock Types

Rock Management Category	Management Procedures
N-AML Waste Rock	Storage in designated waste rock disposal areas (WRDAs) Use for general construction purposes
P-AML Waste Rock	Stored in P-AML WRSFs Used as underground rock backfill
Mineralized Rock and Ore	Milled for mineral recovery if deemed of economic grade If deemed uneconomic grade: Stored in P-AML WRSFs Used as underground rock backfill

3.3 ESTIMATED ROCK QUANTITIES

A total of approximately 143,000 t and 124,000 t of waste rock are anticipated to be generated at Lucky Queen and Onek over the mine life of each respective program. Waste rock volumes and tonnages for each respective deposit including a breakdown by the major lithologic units are shown in Tables 3-2 and 3-3.

Table 3-2. Lucky Queen Waste Rock Excavation Estimate

Lucky Queen	Greenstone (GNST)	Quartzite (QTZT)	Graphitic Schist/Interbedded Carbonaceous Quartzite and Schist (GSCH/ICQS)	Total
Cubic Metres	951	41,602	4,755	47,308
Tonnes	2,472	108,166	12,362	123,000
% of Total Excavation	2%	88%	10%	100%
% N-AML	100%	65%	57%	65%
% P-AML	0%	35%	43%	35%

Table 3-3. Onek Waste Rock Excavation Estimate

Onek	Sericite Schist (SSCH)	Greenstone (GNST)	Quartzite (QTZT)	Graphitic Schist/Interbedded Carbonaceous Quartzite and Schist (GSCH/ICQS)	Total
Cubic Metres	5,155	6,175	34,254	9,416	55,000
Tonnes	13,404	16,056	89,060	24,480	143,000
% of Total Excavation	9%	11%	62%	17%	100%
% N-AML	72%	100%	56%	71%	65%
% P-AML	28%	0%	44%	29%	35%

3.3.1 Estimation Methodology

The figures presented in Appendix J represent cross-sections of the ore bodies and surrounding geologic units in relation to the project development for Onek and Lucky Queen. Aside from the vein structures shown, there are no major structural features (e.g. cross-faulting) within the two deposits.

The existing ABA dataset for the Onek deposit covers the northern portion of the deposit. Discussions with exploration and geological personnel within the company indicate that the geology between the northern and southern portions of the deposit are very similar in nature. From a regional perspective the geology in the area of Onek is very similar to that of Bellekeno and other locations within the Keno Hill Silver District. The

northern deposit data along with the existing regional geochemical dataset and understanding was used to evaluate the geochemical potential for the remainder of the deposit while additional samples were selected for further testwork. Alexco is in the process of having these samples submitted for additional ABA testing to verify and further validate its regional approach the geochemical characterization.

There are two reasons that a limited number of lithologies are listed in Tables 3-4 and Tables 3-5 compared with the lithologies listed in the geochemical characterization report for Onek and Lucky Queen (Appendices G and H) for the total distribution of samples: (1) a number of lithologies were present in each deposit only in very minor amounts, represent less than 1% of the samples (see the Methodology section of each of the geochemical characterization reports for details); and (2) the lithologies listed in Table 3-4 and Table 3-5 are estimates focused on the areas of the deposit where excavation is planned; whereas the presentation of data in the geochemical characterization reports includes all samples from the deposits as a whole.

There are no specific indications that field screening may not work well for any specific lithologic types. Accurate estimation of neutralization potential will continue to be refined at Bellekeno, Onek and Lucky Queen.

A degree of operational uncertainty exists in estimating the exact volumes of waste rock to be placed on surface versus underground. The disposal of waste rock underground as backfill or above ground in P-AML facilities is related to the mining process and the need for backfill underground when P-AML waste rock is excavated. There are periods in the mining operations when there are no stopes requiring backfill and would result in P-AML materials being directed to above ground storage locations. There are also periods when the requirement for backfill would result in almost all P-AML being utilized underground as backfill. This is standard operating procedure.

3.4 WASTE ROCK MANAGEMENT

A summary of waste rock management for Lucky Queen and Onek over the life of mine for each deposit is shown in Table 3-4 and Table 3-5.

Table 3-4. Lucky Queen Waste Rock Management

Lithology	Total estimated tonnage	Tonnage P-AML per year	Tonnage N-AML per year	P-AML Rock Management	N-AML Rock Management
Quartzite	21,634	7,572	14,062	New Waste Rock Storage Facility as per approved EBA generic design or underground backfill	N-AML Waste Rock Disposal Area, road upgrade and maintenance and general construction
Graphitic Schist	2,472	1,063	1,409		
Greenstone	494	0	494		
Annual Total	24,600	8,635	15,965		
Project Proposal Total	123,000	43,175	79,825		

Table 3-5. Onek Waste Rock Management

Lithology	Total estimated tonnage	Tonnage P-AML per year	Tonnage N-AML per year	P-AML Rock Management	N-AML Rock Management
Quartzite	17,812	7,837	9,975	Onek WRSF, additional facility based on approved EBA generic design, or underground backfill	Onek Waste Rock Disposal Area/Portal pad construction/ upgrade material; road upgrade and maintenance and general construction
Graphitic Schist	4,896	1,420	3,476		
Greenstone	3,211	0	3,211		
Sericite Schist	2,681	751	1,930		
Annual Total	28,600	10,008	18,592		
Project Proposal Total	143,000	50,040	92,960		

Upon P-AML or N-AML determination as per the WRMP, directions will be given to the surface crew for hauling and disposal of the waste rock as described in the following sections. These management protocols will mitigate potential effects associated with improper waste rock disposal, such as soil and surface/groundwater contamination. During operations, all waste rock will be immediately classified and moved to the appropriate disposal area or storage facility depending on type, thereby negating the need for a temporary waste rock classification area.

At both Lucky Queen and Onek, previously disturbed sites will be used for additional P-AML Waste Rock Storage Facilities, thereby minimizing new footprint development. New facilities will not be located within 30 m of a waterbody/watercourse. Water management structures (e.g. ditching) will be installed around the facility to ensure runoff and leachate are appropriately managed. EBA's Construction Specifications require that an engineer approve the site. Design criteria/specifications for additional P-AML Waste Rock Storage Facilities are provided in the approved Typical Waste Containment Facility Design – Construction Specifications (EBA, 2008[4]).

EBA's Construction Specifications account for physical stability of the facility. The facilities are lined and seepage is collected and treated as required during operations. At closure, covers will be installed over the P-AML facilities to limit infiltration and ensure long term chemical stability.

4 Available from the EMR website http://www.emr.gov.yk.ca/mining/pdf/mml_bellekeno_mine_development__and_operations_plan__waste_rock_storage_facility.pdf

3.4.1 Potential Effects of Waste Rock Deposition

Kinetic testing of geological materials has not been conducted. Alexco asserts that this testing is not warranted for several reasons.

The Waste Rock Management Plan utilizes a conservative net neutralizing potential ratio (NP/MPA) of 3:1; whereas, the industry standard, based on the MEND Guidelines (2009) suggest a NP/MPA of 2:1. Application of this conservative ratio will produce waste rock that is not likely to generate acid, and that is less mineralized and therefore less likely to leach metals.

P-AML material will be placed in an approved lined facility with a water collection system, or underground as backfill. N-AML waste rock will be placed in designated N-AML Waste Rock Disposal Areas, used as construction material or placed underground as backfill.

Water management structures, including berms, ditches and temporary water storage ponds, will be established to convey water around N-AML and P-AML waste rock dumps and direct water to appropriate locations to be discharged to ground.

The Conceptual AMP (as well as the approved AMP in place for Bellekeno, from which the Conceptual AMP has been adapted) includes an "event" for monitoring N-AML waste rock piles and their seepages, and stipulates adaptive management measures to be undertaken if an increasing trend in acid generation or metal leaching is detected. The Conceptual AMP is included as Appendix Q.

Alexco additionally notes that the Bellekeno mine licences did not require that humidity cell testing be completed.

3.4.1.1 Consideration of Molybdenum (Mo) and Selenium (Se) Leaching

Mo and Se are generally not Contaminants of Potential Concern (CPOCs) in the KHSD. The Water Quality Assessment Report for UKHM conducted by Minnow (2008) (Appendix M) concludes that Contaminants of Concern (COC) for the KHSD are: Zn, Pb, Cd and sulphate. Minnow identified Se as one of 12 CPOCs, but determined that it is not a COC for the District. Mo was not considered as a CPOC for the KHSD. Accordingly, Se and Mo are *not* included in any of the District's Water Use Licence Effluent Quality Standards (EQSs). Table 3-6 presents Se and Mo results for the historic Lucky Queen adit and Onek 400 adit discharges.

The Conceptual AMP (as well as the approved AMP in place for Bellekeno, from which the Conceptual AMP has been adapted) includes an "event" for monitoring N-AML waste rock piles and their seepages, and stipulates adaptive management measures to be undertaken if an increasing trend in metal leaching is detected. The Conceptual AMP is included as Appendix Q.

Table 3-6. Selenium and Molybdenum Results for historic Lucky Queen and Onek 400 Adit Discharges

Discharge	Monitoring Station	Water Use Licence	Selenium (mg/L)	CCME – Se (mg/L)	Molybdenum (mg/L)	CCME – Mo (mg/L)
Lucky Queen adit[a]	KV-34	QZ06-074	<0.0008 – 0.0009	0.001	<0.001 – 0.009	0.073
Onek 400 adit[b]	KV-45	QZ06-074, QZ07-078, QZ09-092	<0.0001 – 0.0052[c]	0.001	<0.0003 – 0.003	0.073

Notes: [a] *These data are from 10 sampling events conducted between August 30, 2011 and January 10, 2012, shown in Table IR1 of Information Request Response #1 (March 5, 2012).*
[b] *Prior to the summer 2011 when adit rehabilitation work commenced, there was no discharge at KV-34 since 1995.*
[c] *These data are from May 27, 2005 – January 15, 2012 (29 samples).*

3.4.2 Lucky Queen Waste Rock Management

N-AML waste rock (80,000 t) will be deposited as an extension to the existing waste rock dumps at Lucky Queen (Figure 1-2). EBA has provided a geotechnical review of the location of the Lucky Queen N-AML WRDA in Appendix K. Additionally, waste rock that is N-AML will be used for general construction including repairs and surface capping of the existing site access roads. At Lucky Queen up to 0.75 hectares of clearing will be required to accommodate the new N-AML WRDA (see Appendix K for additional details).

Preliminary mine plans indicate that there is the potential for a significant portion of the P-AML waste rock to be disposed of underground as backfill. The exact volume of P-AML materials that would be expected to be used for backfill depends on the mining sequence and availability of areas for backfilling and as such it is not possible to provide an exact number. Alexco will monitor seepages from the bypass road and onsite access roads built with N-AML material, and implement adaptive management responses, if required, as outlined in the approved Adaptive Management Plan.

3.4.3 Onek Waste Rock Management

Rock that is not potentially acid generating or metal leaching will be used for general construction including construction, repairs and surface capping of the new and existing site access roads. Additionally, N-AML waste rock will be deposited on top of the existing Waste Rock Disposal Areas (WRDAs) at Onek (Figure 2-9).

Rock that is considered P-AML will be stored either in the P-AML Waste Rock Storage Facility (WRSF) to the north of the Onek historic open pit which was previously licenced for Bellekeno advanced exploration and development or a new proposed P-AML Waste Rock Storage Facility at Onek if required. Should additional surface storage capacity for P-AML waste rock be required, additional WRSFs will be constructed as per EBA's WRSF design and upon site inspection and location approval by an engineer There is sufficient existing surface disturbance area at Onek to accommodate the footprint required for an additional P-AML Waste Rock Storage Facility.

Preliminary mine plans indicate that there is the potential for a significant portion of the P-AML waste rock to be disposed of underground as backfill. The exact volume of P-AML materials that would be expected to be used for backfill depends on the mining sequence and availability of areas for backfilling and as such it is not possible to provide an exact number.

A correlation with modified NP and a calculated NP was found at Onek for most lithologies based on calcium and magnesium concentrations. These calculated NPs remove the potential for unavailable or poor neutralization potential contributions that could result from siderite or ankerite because these carbonates do not contain calcium. Furthermore, field screening assessment and NP determination involves fizz tests and paste pH. These tests are sensitive only to the presence of readily available neutralizing minerals such as calcite, and to a lesser extent dolomite.

Alexco will monitor seepages from the bypass road and onsite access roads built with N-AML material, and implement adaptive management responses, if required, as outlined in the approved Adaptive Management Plan.

3.4.3.1 Historic Onek Waste Rock Dump as a Borrow Source

Approximately 95,000 t of material from existing historic dumps at Onek will be borrowed to construct the North Side Bypass Road (~55,000 t) and the Sign Post Portal Pad (~40,000 t). Figure 2-9 shows the waste rock dumps identified as the primary and contingency borrow sources at Onek. Material from the existing dumps will be used instead of development/production N-AML rock from Onek, because the road and pad will be constructed in advance of Onek development and production.

The primary borrow source dump has a volume of approximately 415,000 t. The inset cross section in Figure 2-9 shows the approximate shape of waste that will be removed from the dump. Excavation will begin from the south end of the dump and proceed to the ramp at the north end. The excavation is expected to be flat; any slopes will be recontoured at 3:1. The Waste Rock Management Plan protocols will be applied to the dump material to ensure only N-AML waste rock is used for road and pad construction.

The historic low grade ore piles located on top of the Onek waste rock dump are able to be visually differentiated from the waste rock due to the mineralization contained within the ore. Road building material will not be sourced from the historic low grade ore stockpiles. The low grade ore stockpiles will not be disturbed. Figure 2-9 shows the location of the borrow source area in relation to the low grade ore stockpiles, which can be seen on the southern and south eastern dumps.

The historic waste rock dumps at Onek were placed in the early to mid-1980's and has been subject to exposure from meteoric water and oxygen for over 25 years. There is no crushing planned for the N-AML waste rock from the historic dumps to be used as a borrow source and as such it is not anticipated that any new weathering faces will be exposed through mechanical excavation.

Alexco will monitor any seepages observed at the toe of the historic dumps used as for borrow material.

4 TAILINGS CHARACTERIZATION AND MANAGEMENT

Ore from the Onek and Lucky Queen deposits will be processed at the existing Keno District Mill Site, currently processing Bellekeno ore. Tailings generated from Lucky Queen and Onek ore processing will be deposited in the previously assessed and licenced Dry Stack Tailings Facility (DSTF) and paste backfilled as composite into the Bellekeno, Onek or Lucky Queen underground workings. The mill and DSTF are not a part of the scope of the proposed Project (refer to Section 2.1.1.1). Information about those facilities is located in YESAB Project 2009-0030 document registry. There will also be no increase in planned tailings tonnage throughput rates or overall volumes processed form the currently licenced totals.

Although mill operation is not part of the Project scope, an overview of the Keno District Mill Site is shown in Figure 4-1.



Figure 4-1. Aerial View of Keno District Mill

The Bellekeno tailings streams have not been segregated, as was contemplated during the Bellekeno licencing process, because high pyrite tailings have not been generated as was anticipated during the Bellekeno mine assessment and licencing process. The tailings management approach has been fully discussed with NND and YG regulators since mill commissioning commenced. The mill process produces two tailings streams based on the zinc extraction circuit (i.e., the zinc rougher and zinc cleaner flotation circuits produce tailings of slightly different compositions). Table 4-6 summarizes the pyrite and other mineralogical contents of the tailings streams produced from the mill July to September 2011. Table 4-2 demonstrates that Lucky Queen and Onek tailings have very low sulphide concentrations (less than 0.2%); the Bellekeno tailings also have relatively low sulphide content (~2.6%).

4.1 METALLURGICAL TESTING OF ONEK AND LUCKY QUEEN ORE

Process Research Associates Ltd. was commissioned by Alexco to undertake a precious and base metal recovery study on samples originating from the Onek and Lucky Queen deposits during surface drilling programs completed in 2010. The purpose of this testing was to determine the recovery of silver (Ag), lead (Pb) and zinc (Zn) in the flotation circuits in the existing mill, and to evaluate the environmental parameters of the residual tailings. Representative samples from drill core were used to produce a composite sample of Onek and Lucky Queen for metallurgical testing.

The results of the metallurgical testwork indicate that Onek and Lucky Queen ore samples respond well to the current metallurgical flowsheet operating at the mill. There is a direct relationship between metal recovery, head grade and adequate base metals galena and sphalerite (PbS and ZnS) in the feed to maximize silver recovery. Therefore balancing the mill feed grade through the concurrent mining of Lucky Queen, Onek and Bellekeno will assist and be important in optimizing metallurgical performance from the Lucky Queen and Onek deposits. The metallurgical results shown in Table 4-1 are not from locked cycle tests but demonstrate the importance of adequate base metal concentrations in the feed grade, most notably sufficient galena to optimize overall lead and silver recovery. Additional optimization testwork will be required for final reagent addition optimization through locked cycle testwork.

The four samples in Table 4-1 represent *composites* of individual samples taken from all portions of the mineralized zone of each deposit. The whole rock analytical analysis including iron (Fe) of each of the four composite samples was presented in Table 4-3. The initial metallurgical testing for the Lucky Queen and Onek projects was based on typical laboratory scale ore sample composites and yielded small volumes of tailings. The scale of the metallurgical testing did not allow for collection of supernatant samples. In addition there was insufficient volume of tailings generated by the testing to allow for the establishment of humidity cells. Additional metallurgical testing and associated ABA testing of Lucky Queen and Onek samples will be ongoing.

The level and detail of metallurgical testwork completed for Onek and Lucky Queen is sufficient to determine that the current mill operations will adequately process ore from these deposits as well as determine that the final mill tailings product is geochemically similar to Bellekeno so that it can be stored in the currently permitted DSTF. Additional metallurgical testing and reagent optimization is a secondary requirement for mill operations performance solely for operational requirements and not for determining the environmental

performance and assessment of the tailings. Locked cycle tests were completed on Bellekeno samples to determine the design of the process flowsheet while open cycle tests on Lucky Queen and Onek can be used to determine the compatibility of these ores with the current mill flowsheet. Additional metallurgical testwork will be completed as part of normal mill operations and planning but is not necessary for assessment of environmental performance determination.

Table 4-1 summarizes the results of the metallurgical tests completed on Onek and Lucky Queen.

Table 4-1. Metallurgical Testwork Summary of Onek and Lucky Queen Ore

Test ID	Sample ID	Products	Mass (%)	Grade			Recovery		
				Ag (g/t)	Pb (%)	Zn (%)	Ag (%)	Pb (%)	Zn (%)
F7	Onek	Head Grade		92.3	0.21	25.17			
		Pb Cl concentrate	0.6	6899.4	32.23	11.35	48.4	74.0	0.3
		Zn Cl concentrate	37.3	45.9	0.04	53.29	21.7	6.2	85.3
		Final Tailings	44.4	2.2	0.01	0.23	1.2	0.4	0.4
F8	Onek	Head Grade		333.8	3.59	12.03			
		Pb Cl concentrate	2.8	5196.5	70.97	3.10	46.5	56.7	0.7
		Zn Cl concentrate	16.2	127.0	0.24	48.44	6.7	1.1	68.1
		Final Tailings	65.0	11.0	0.08	1.76	2.3	1.5	9.9
F9	Lucky Queen	Head Grade		2251.8	4.49	3.15			
		Pb Cl concentrate	6.6	33084.2	65.86	2.97	93.3	95.1	5.7
		Zn Cl concentrate	4.3	214.7	0.16	58.79	0.4	0.2	73.6
		Final Tailings	80.3	8.3	0.06	0.10	0.3	1.1	2.4
F10	Lucky Queen	Head Grade		4527.7	10.40	4.58			
		Pb Cl concentrate	12.1	34837.3	70.47	1.88	84.6	87.3	4.8
		Zn Cl concentrate	5.9	301.2	0.74	58.94	0.4	0.4	72.5
		Final Tailings	67.7	20.9	0.09	0.06	0.3	0.6	0.9

4.2 ONEK AND LUCKY QUEEN TAILINGS CHARACTERIZATION

Following metallurgical testing of Onek and Lucky Queen samples, the modified ABA protocol was used to calculate NP values. Alexco has since instituted a siderite ABA correction package for all tailings and near vein sampling where significant siderite is likely. Subsequent ABA testing in mineralized and near vein material for Lucky Queen and Onek will also use the siderite correction method.

The results shown in Table 4-2 are for the bulk tailings produced from the metallurgical flowsheet tested. As the results indicate, the tailings from Onek and Lucky Queen are well above a standard neutralization

potential (NP) ratio (3:1) and potential acid generation is not expected. One of the primary reasons for the high NP ratio is the significantly less acid potential due to lower total sulphur and base metals (i.e. PbS) in Onek and Lucky Queen as compared to Bellekeno.

Carbonate species present in Onek and Lucky Queen tailings in approximate order of abundance include siderite, calcite, ankerite and possibly dolomite/ferroan dolomite.

Table 4-2. Onek and Lucky Queen Tailings ABA Summary

Item	Sample ID	$S_{(T)}$ %	$S_{(SO4)}$ %	Paste pH	Acid Potential	Neutralization Potential (NP)		
						Actual	Ratio	Net
1	F7 Final tailing/Onek	0.17	0.03	7.8	4.4	36.8	8.4	32.4
2	F8 Final tailing/Onek	0.15	0.05	7.8	3.1	26.0	8.3	22.9
3	F9 Final tailing/Lucky Queen	0.18	0.04	8.2	4.4	20.4	4.7	16.0
4	F10 Final tailing/Lucky Queen	0.19	0.04	7.5	4.7	17.8	3.8	13.1
DUP	F7 Final tailing/Onek	0.17	0.03	7.8	4.4	37.1	8.5	32.8
Bellekeno Tailings, January to May 2011 Monthly Average		2.61	0.06	8.1	81.62	276.2	3.4	194.6

The final tailings deposited in the DSTF or underground as composite paste backfill at either Bellekeno, Lucky Queen or Onek will be a combination of Onek, Lucky Queen and Bellekeno ores. Given the current performance of the Bellekeno tailings as presented in Section 4.2.1 and the ABA testwork completed for Onek and Lucky Queen, bulk tailings stored on the DSTF are not a concern from an acid generating potential perspective. The Onek and Lucky Queen tailings are shown to be geochemically similar or better to Bellekeno in Table 4-2 and Table 4-3, and therefore the storage of the Onek and Lucky Queen tailings in the DSTF is appropriate.

Metals analysis of the tailings from the Lucky Queen and Onek metallurgical program was completed and the results are shown in Table 4-3.

Humidity cells have not been established for any of the geological materials at the Lucky Queen or Onek sites. The tailings are low sulphide (<0.2%) (see Table 4-2); therefore, they are not anticipated to be acid-generating. The following factors are relevant to characterizing the potential effects of deposition of Lucky Queen and Onek tailings:

- tailings placed as backfill into the underground workings will be cemented backfill which includes a cement binder that will effectively reduce the leachability and permeability of the backfilled tailings;
- during the operations phase of the mine, the DSTF seepage is collected and routed to the Mill Pond for use in the processing circuit;
- any discharges from the Mill Pond already require treatment to achieve EQS under QZ09-092;

- at closure the DSTF will have a soil cover installed to reduce infiltration in addition to a bioreactor to provide ongoing long-term water treatment during the post-closure period; and
- humidity cells were not provided or deemed necessary for assessment or licensing of the Bellekeno mine but instead have been commissioned during operations. The information provided for the Lucky Queen and Onek assessment is considered consistent with that approach.

Additional metallurgical testing on the Lucky Queen and Onek ores is currently being advanced by Alexco and the tailings generated by this testing will be utilized for additional geochemical testing programs.

Elevated concentrations of sphalerite (ZnS) in the tailings will result in leachate containing higher concentrations of zinc. Sample F8 from Onek in Table 4-1 and 4-3 had a low zinc recovery; consequently, there considerable amount of zinc in the metallurgical analysis of the tailings shown in Table 4-3. Through metallurgical optimization, zinc recovery will increase; consequently, zinc concentrations in the tailings and leachate will decrease. During operations, leachate from the DSTF will be collected and recycled in the mill processing, or diverted to the mill water treatment plant. At closure, the DSTF will be covered to minimize waster infiltration and leachate will be treated with a passive bioreactor system.

4.2.1 Bellekeno Tailings Characterization

Characterization of the actual tailings generated from Bellekeno ores has been ongoing and the results of the humidity cell tests currently in operation on representative tailings from the Bellekeno deposit for the first 26 weeks of humidity cell operation are shown presented in Figure 4-2, Figure 4-3 and Figure 4-4. The ABA and metallurgical monthly averages from January to May 2011 for the Bellekeno tailings are shown in Table 4-2 and Table 4-3, respectively. The humidity cells for Bellekeno have been in operation over 26 weeks and results to date show a decreasing trend in metal concentrations for arsenic, copper, lead and nickel in the cell leachate over time. The exception to the observed trends is zinc and cadmium. Zinc has shown an increasing trend to a concentration of approximately 3 mg/L while cadmium has a current concentration of approximately 0.008 mg/L. The 26 week humidity cell data is presented in Table 4-4. Alexco intends to continue to operate this cell through 2012 and into 2013. At closure the DSTF will be covered.

Table 4-3. Onek and Lucky Queen Tailings Metallurgical Analysis

Elements	Units	Sample ID				Bellekeno Tailings
		F7 Cut Tailings/ Onek	F8 Cut Tailings/ Onek	F9 Cut Tailings/ Lucky Queen	F10 Cut Tailings/Lucky Queen	January to May 2011 Monthly Average
C-Inorg	%	0.34	0.06	0.21	0.23	3.91
S(SO4)	%	0.03	0.05	0.04	0.04	0.06
Ag	ppm	3.2	9.6	9.6	23.2	53.08
Al	%	0.36	0.36	0.99	0.49	1.12
As	ppm	344	406	13	22	3526
Ba	ppm	18	30	169	80	180
Bi	ppm	<2	<2	<2	<2	3
Ca	%	0.65	0.28	0.48	0.27	1.55
Cd	ppm	14.4	131.1	4.9	3.0	255
Co	ppm	<1	2	3	<1	14.6
Cr	ppm	168	180	454	77	19
Cu	ppm	384	370	281	226	270
Fe	%	18.38	18.82	5.8	6.99	13.73
K	%	0.07	0.09	0.37	0.18	0.33
La	ppm	15	<10	<10	<10	8.66
Mg	%	0.55	0.39	0.36	0.32	0.40
Mn	ppm	52200	51678	21651	27757	42420
Mo	ppm	<1	<1	2	<1	0.81
Na	%	0.02	0.02	0.03	0.02	0.074
Ni	ppm	52	36	69	33	20
P	ppm	115	165	141	122	178
Pb	ppm	81	744	423	686	3498
Sb	ppm	<5	<5	9.0	<5	60
Sc	ppm	3	2	2	1	4
Sr	ppm	10	12	20	10	42
Ti	%	<0.01	<0.01	0.02	<0.01	0.04
Tl	ppm	15	20	<10	11	0.424
V	ppm	5	6	17	8	22
W	ppm	<10	177	<10	<10	1.46
Zn	ppm	1937	15630	697	416	1749

Table 4-4. Bellekeno Humidity Cell Results up to Week 26

Leach Cycle	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Sample ID	MILL TAILS COMPOSITE-JAN-JUN2011-0	MILL TAILS COMPOSITE-JAN-JUN2011-1	MILL TAILS COMPOSITE-JAN-JUN2011-2	MILL TAILS COMPOSITE-JAN-JUN2011-3	MILL TAILS COMPOSITE-JAN-JUN2011-4	MILL TAILS COMPOSITE-JAN-JUN2011-5	MILL TAILS COMPOSITE-JAN-JUN2011-6	MILL TAILS COMPOSITE-JAN-JUN2011-7	MILL TAILS COMPOSITE-JAN-JUN2011-8	MILL TAILS COMPOSITE-JAN-JUN2011-9	MILL TAILS COMPOSITE-JAN-JUN2011-10	MILL TAILS COMPOSITE-JAN-JUN2011-11	MILL TAILS COMPOSITE-JAN-JUN2011-12	MILL TAILS COMPOSITE-JAN-JUN2011-13	MILL TAILS COMPOSITE-JAN-JUN2011-14	MILL TAILS COMPOSITE-JAN-JUN2011-15	MILL TAILS COMPOSITE-JAN-JUN2011-16	MILL TAILS COMPOSITE-JAN-JUN2011-17	MILL TAILS COMPOSITE-JAN-JUN2011-18	MILL TAILS COMPOSITE-JAN-JUN2011-19	MILL TAILS COMPOSITE-JAN-JUN2011-20	MILL TAILS COMPOSITE-JAN-JUN2011-21	MILL TAILS COMPOSITE-JAN-JUN2011-22	MILL TAILS COMPOSITE-JAN-JUN2011-23	MILL TAILS COMPOSITE-JAN-JUN2011-24	MILL TAILS COMPOSITE-JAN-JUN2011-25	MILL TAILS COMPOSITE-JAN-JUN2011-26
Date Sampled	17-AUG-11	24-AUG-11	31-AUG-11	07-SEP-11	14-SEP-11	21-SEP-11	28-SEP-11	05-OCT-11	12-OCT-11	19-OCT-11	26-OCT-11	02-NOV-11	09-NOV-11	16-NOV-11	23-NOV-11	30-NOV-11	07-DEC-11	14-DEC-11	21-DEC-11	28-DEC-11	04-JAN-12	11-JAN-12	18-JAN-12	25-JAN-12	01-FEB-12	08-FEB-12	15-FEB-12
ALS Sample ID	L1045358-1	L1049390-1	L1051834-1	L1054437-1	L1057740-1	L1060984-1	L1064228-1	L1067341-1	L1070094-1	L1073037-1	L1076479-1	L1079310-1	L1082246-1	L1084760-1	L1087901-1	L1090459-1	L1092275-1	L1095037-1	L1097547-1	L1099484-1	L1100871-1	L1102685-1	L1104828-1	L1106888-1	L1109203-1	L1111781-1	L1114358-1
Sample Preparation																											
Total Volume In	750	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Total Volume Out	550	460	460	450	450	475	435	485	475	450	500	460	460	480	450	475	470	450	460	410	445	425	420	490	425	475	425
Physical Tests																											
Conductivity	1950	1050	1050	822	648	553	523	415	463	435	438	428	359	408	362	374	362	341	397	512	525	505	472	435	409	410	410
pH	7.89	7.70	7.86	7.81	7.91	7.81	7.91	7.86	7.84	7.79	7.91	7.83	7.85	7.91	7.87	7.95	7.90	7.83	7.93	7.95	7.88	7.84	7.84	7.89	7.97	7.91	7.89
Anions and Nutrients																											
Acidity (as CaCO3)	5.0	4.8	5.8	10.9	5.0	3.4	5.6	7.1	7.2	6.3	10.4	5.1	6.2	7.5	5.8	7.7	4.8	5.7	7.8	6.2	7.1	6.2	6.2	8.8	4.1	6.8	8.8
Alkalinity, Total (as CaCO3)	43.0	45.0	68.3	64.5	49.6	62.7	68.4	78.3	73.7	73.9	72.1	75.6	71.3	71.7	72.3	72.4	72.7	71.2	64.9	58.2	48.7	62.8	66.3	66.1	58.2	58.2	61.9
Bromide (Br)	<0.050	<0.50	<0.5	<0.50	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chloride (Cl)	15.6	7.4	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Fluoride (F)	0.354	0.37	0.34	0.34	0.288	0.270	0.254	0.208	0.183	0.164	0.161	0.179	0.138	0.125	0.124	0.113	0.111	0.174	0.097	0.106	0.111	0.108	0.098	0.101	0.092	0.094	0.082
Nitrate (as N)	10.1	3.36	<0.050	<0.050	0.0148	0.0065	0.0096	0.0052	<0.0050	<0.0050	0.0070	0.0066	0.0064	0.0062	0.0141	0.0061	<0.0050	0.0101	0.0137	<0.0050	0.0061	0.0100	0.0096	0.0076	0.0104	0.0091	0.0060
Nitrite (as N)	0.0845	0.089	0.011	<0.010	0.0064	<0.0010	0.0036	0.0046	<0.0010	0.0016	0.0012	0.0043	0.0046	0.0052	0.0056	0.0046	0.0040	0.0069	0.0054	0.0049	0.0026	0.0056	0.0045	0.0025	0.0052	0.0074	0.0021
Sulfate (SO4)	1150	513	595	455	320	248	230	158	189	172	181	184	128	159	129	138	130	119	129	194	206	193	175	148	141	141	142
Dissolved Metals																											
Aluminum (Al)-Dissolved	<0.010	<0.010	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0219	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		<0.0050
Antimony (Sb)-Dissolved	0.0230	0.0241	0.0222	0.0178	0.0159	0.0166	0.0159	0.0160	0.0164	0.0154	0.0155	0.0152	0.0141	0.0146	0.0145	0.0142	0.0130	0.0129	0.0130	0.0124	0.0107	0.00990	0.00986	0.0103	0.00943		0.00910
Arsenic (As)-Dissolved	0.00081	0.00195	0.00248	0.00150	0.00139	0.00104	0.00079	0.00091	0.00080	0.00080	0.00083	0.00078	0.00075	0.00087	0.00076	0.00084	0.00083	0.00082	0.00089	0.00092	0.00076	0.00084	0.00098	0.00145	0.00110		0.00126
Barium (Ba)-Dissolved	0.0985	0.0560	0.0372	0.0359	0.0387	0.0347	0.0371	0.0381	0.0395	0.0368	0.0389	0.0371	0.0397	0.0441	0.0397	0.0417	0.0415	0.0389	0.0427	0.0465	0.0450	0.0431	0.0413	0.0464	0.0407		0.0415
Beryllium (Be)-Dissolved	<0.00020	<0.00020	<0.00020	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010		<0.00010
Bismuth (Bi)-Dissolved	<0.0010	<0.0010	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050		<0.00050
Boron (B)-Dissolved	0.166	0.157	0.185	0.117	0.075	0.076	0.054	0.037	0.134	0.029	0.025	0.024	0.019	0.018	0.015	0.017	0.015	0.012	0.014	0.013	0.011	0.010	0.011	<0.010	<0.010		<0.010
Cadmium (Cd)-Dissolved	0.0264	0.0216	0.0339	0.0292	0.0228	0.0263	0.0249	0.0205	0.0294	0.0292	0.0333	0.0328	0.0272	0.0329	0.0318	0.0342	0.0351	0.0343	0.0372	0.0391	0.0465	0.0485	0.0479	0.0528	0.0433		0.0515
Calcium (Ca)-Dissolved	439	217	240	192	150	119	121	90.3	101	94.3	100	94.2	79.2	94.6	79.7	80.6	80.6	79.5	76.7	102	103	104	97.4	85.3	83.5		80.9
Chromium (Cr)-Dissolved	<0.0010	<0.0010	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050		<0.00050
Cobalt (Co)-Dissolved	0.00155	0.00089	0.00289	0.00318	0.00179	0.00198	0.00200	0.00150	0.00223	0.00200	0.00223	0.00219	0.00164	0.00213	0.00183	0.00194	0.00188	0.00173	0.00175	0.00184	0.00188	0.00201	0.00209	0.00241	0.00195		0.00240
Copper (Cu)-Dissolved	0.0049	<0.0010	<0.0010	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.00050	0.00062	0.00074	0.00078	0.00056	0.00073	<0.00050	<0.00050	0.00059	0.00099	0.00101	0.00082		0.00208
Iron (Fe)-Dissolved	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030		<0.030
Lead (Pb)-Dissolved	0.192	0.161	0.137	0.104	0.111	0.128	0.123	0.0971	0.0956	0.107	0.104	0.0985	0.0893	0.0894	0.0927	0.0918	0.0886	0.0852	0.0830	0.0794	0.0943	0.0898	0.0966	0.0898	0.0809		0.0781
Lithium (Li)-Dissolved	0.0608	0.0495	0.0488	0.0269	0.0196	0.0162	0.0113	0.00832	0.00740	0.00656	0.00592	0.00589	0.00417	0.00426	0.00365	0.00339	0.00291	0.00267	0.00280	0.00297	0.00282	0.00284	0.00252	0.00247	0.00238		0.00234
Magnesium (Mg)-Dissolved	17.3	10.6	10.3	6.94	4.64	3.70	2.89	1.89	2.05	1.71	1.67	1.46	1.09	1.28	1.04	1.09	1.00	0.904	0.974	1.28	1.39	1.45	1.28	1.28	1.07		1.03
Manganese (Mn)-Dissolved	3.69	1.81	4.07	3.71	2.11	2.13	2.08	1.53	1.81	1.59	1.72	1.60	1.18	1.50	1.22	1.47	1.27	1.15	1.15	1.13	1.20	1.23	1.30	1.36	1.04		1.06
Mercury (Hg)-Dissolved	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010		<0.000010
Molybdenum (Mo)-Dissolved	0.00463	0.00467	0.00422	0.00327	0.00376	0.00393	0.00387	0.00361	0.00333	0.00314	0.00299	0.00319	0.00295	0.00277	0.00268	0.00265	0.00259	0.00248	0.00226	0.00268	0.00266	0.00231	0.00233	0.00219	0.00223		0.00204
Nickel (Ni)-Dissolved	0.0037	0.0015	0.0042	0.00415	0.00193	0.00223	0.00209	0.00154	0.00264	0.00217	0.00238	0.00209	0.00158	0.00200	0.00161	0.00175	0.00163	0.00140	0.00148	0.00157	0.00125	0.00143	0.00141	0.00180	0.00145		0.00180
Phosphorus (P)-Dissolved	0.61	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30		<0.30
Potassium (K)-Dissolved	27.1	13.0	8.75	4.78	3.74	2.88	2.23	1.57	1.58	1.30	1.29	1.17	0.846	0.923	0.807	0.794	0.727	0.642	0.652	0.715	0.702	0.618	0.583	0.627	0.497		0.481
Selenium (Se)-Dissolved	0.00176	0.00109	0.00076	0.00075	0.00054	0.00044	0.00042	0.00028	0.00031	0.00029	0.00028	0.00026	0.00020	0.00022	0.00017	0.00020	0.00019	0.00017	0.00018	0.00022	0.00020	0.00017	0.00017	0.00016	0.00017		0.00017
Silicon (Si)-Dissolved	2.48	2.82	4.61	3.76	4.07	4.28	4.42	4.11	3.97	3.98	4.07	4.17	3.67	3.71	3.73	3.51	3.62	3.36	3.21	3.01	2.95	2.98	2.94	3.25	2.87		2.73
Silver (Ag)-Dissolved	0.00801	0.000588	<0.000020	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010	<0.000010		<0.000010
Sodium (Na)-Dissolved	67.5	23.3	10.4	3.64	2.14	1.35	0.853	0.562	0.746	0.460	0.477	0.426	0.350	0.352	0.295	0.305	0.289	0.264	0.285	0.338	0.322	0.315	0.282	0.309	0.241		0.242
Strontium (Sr)-Dissolved	1.33	0.623	0.565	0.382	0.276	0.249	0.245	0.179	0.185	0.166	0.168	0.187	0.129	0.148	0.147	0.144	0.134	0.119	0.111	0.147	0.174	0.146	0.143	0.120	0.119		0.107
Sulfur (S)-Dissolved	459	249	198	147	111	86.1	78.8	53.1	63.5	58.5	60.9	57.7	43.4	54.1	44.3	46.7	43.5	40.5	44.4	65.8	70.6	65.8	59.3	50.5	50.7		49.1
Thallium (Tl)-Dissolved	0.000564	0.000455	0.000381	0.000248	0.000147	0.000189	0.000218	0.000232	0.000105	0.000097	0.000099	0.000263	0.000076	0.000079	0.000243	0.000267	0.000222	0.000176	0.000074	0.000078	0.000238	0.000091	0.000287	0.000098	0.000058		0.000048
Tin (Sn)-Dissolved	<0.00020	<0.00020	<0.00020	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010		<0.00010
Titanium (Ti)-Dissolved	<0.010	<0.010	<0.010	<0.010	0.016	0.014	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	0.011	<0.010	<0.010	<0.010	<0.010	<0.010	0.011	<0.010	<0.010	<0.010	<0.010		<0.010
Uranium (U)-Dissolved	0.000725	0.000413	0.000698	0.000526	0.000315	0.000276	0.000261	0.000179	0.000243	0.000193	0.000212	0.000188	0.000127	0.000184	0.000124	0.000147	0.000129	0.000103	0.000115	0.000200	0.000178	0.000153	0.000130	0.000112	0.000099		0.000093
Vanadium (V)-Dissolved	<0.0020	<0.0020	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		<0.0010
Zinc (Zn)-Dissolved	0.478	0.587	1.97	2.16	1.16	1.77	1.82	1.56	2.34	2.23	2.71	2.87	2.14	2.69	2.55	2.71	2.76	2.64	2.72	2.18	2.69	2.98	2.91	3.47	2.76	3.02	3.02

Notes:

1 Analytical frequency for all metals except for zinc reduced after week 24 to bi-weekly.

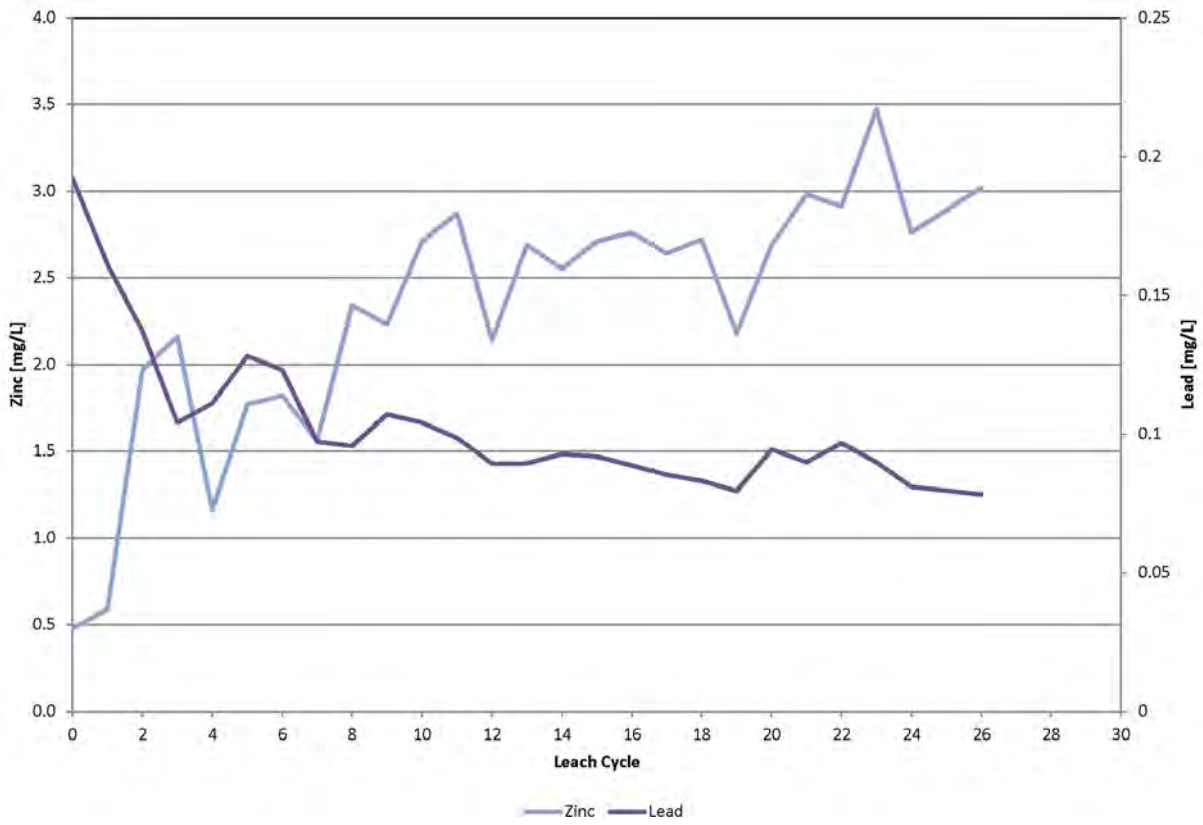


Figure 4-2. Bellekeno Tailings Humidity Cell Dissolved Zinc and Lead

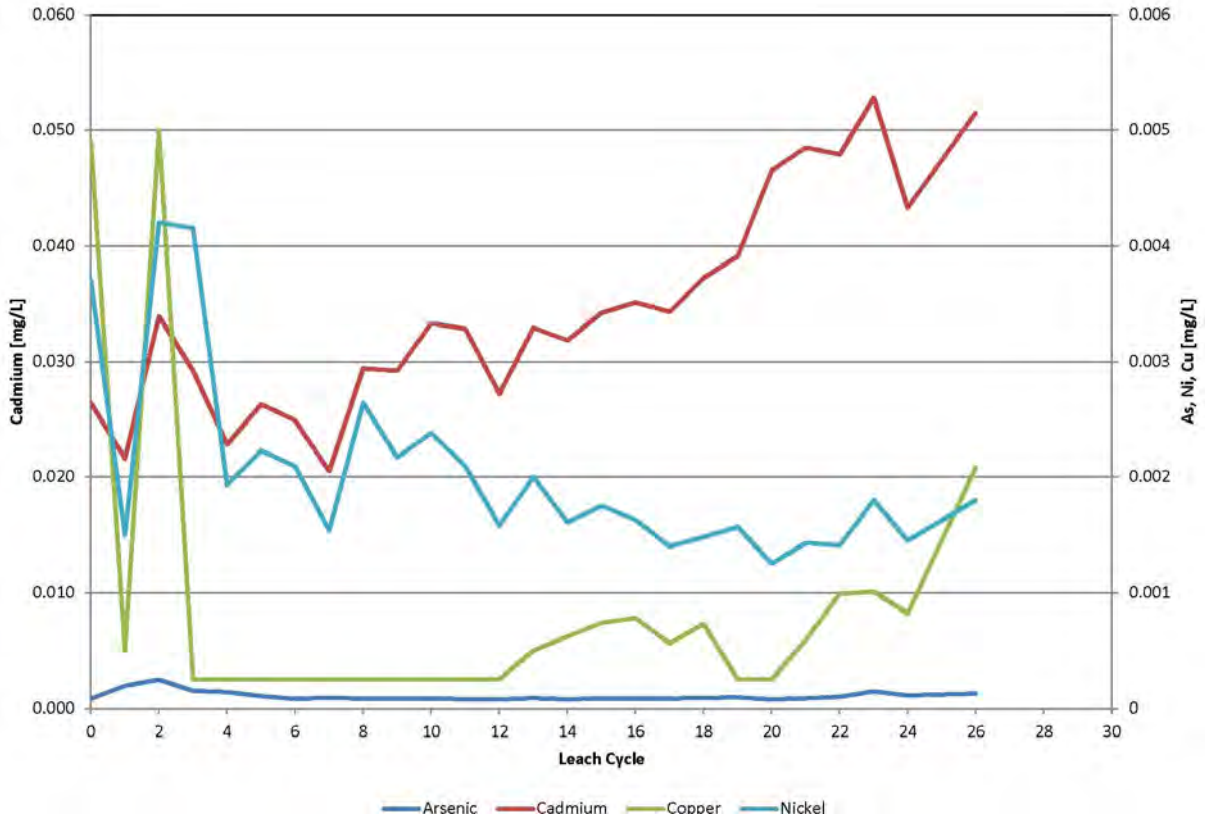


Figure 4-3. Bellekeno Tailings Humidity Cell Dissolved As, Cd, Cu and Ni

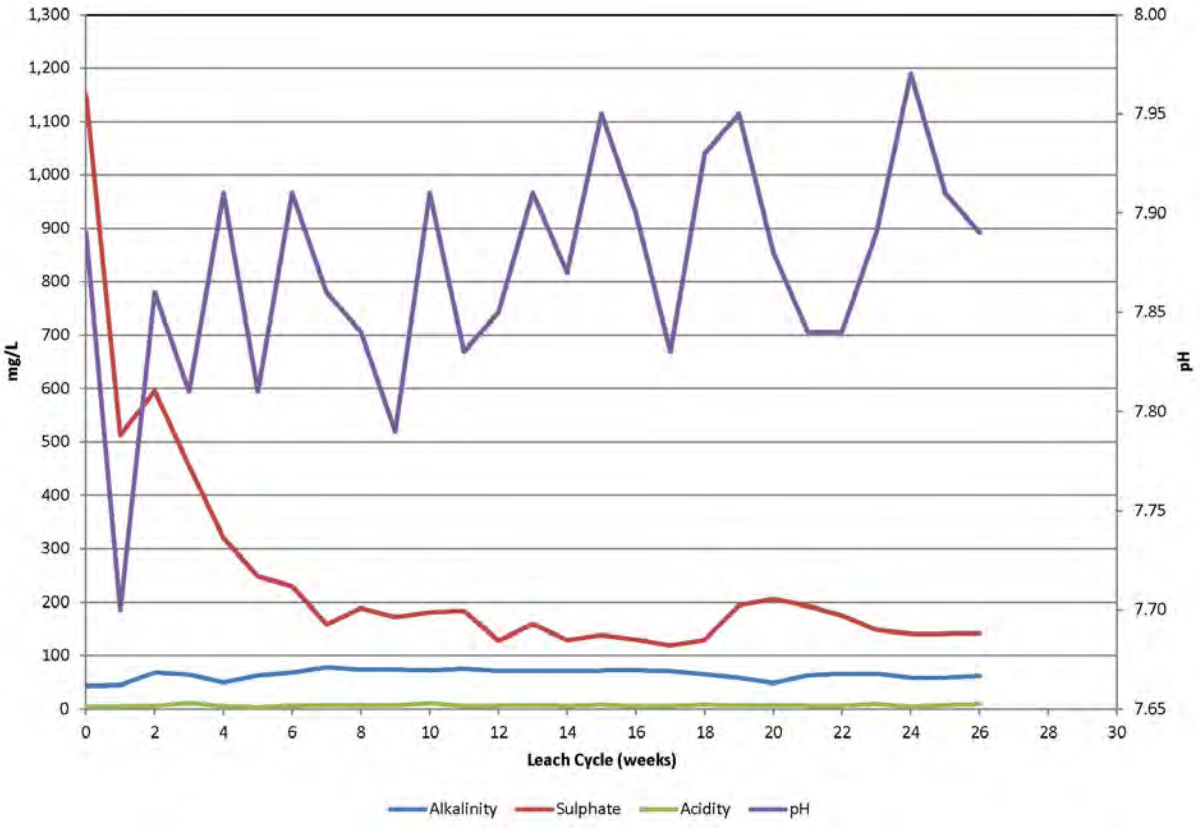


Figure 4-4. Bellekeno Tailings Humidity Cell Alkalinity, Acidity, pH and Sulphate

Laboratory test results were used previously to assess and predict the pore water quality of the filtered tailings from Bellekeno. This filter press filtrate quality was used to predict environmental effects from storage of tailings in the Dry Stack Tailings Facility. Table 4-5 compares the actual filter press filtrate of tailings from Bellekeno against the prediction of filter press filtrate quality obtained from laboratory testing on Bellekeno. The comparison demonstrates that the actual filter press filtrate is significantly better than predicted from the testwork.

Table 4-5. Bellekeno Tailings Filter Press Filtrate Data

Elements	Units	Bellekeno Filter press filtrate From Testwork	Actual Tailings Filter press filtrate Chemistry (March 31, 2011)	Actual Tailings Filter press filtrate Chemistry (June 30, 2011)
Sb	mg/L	<0.1	0.0754	0.0553
As	mg/L	<0.2	0.0078	0.005
Cd	mg/L	0.12	0.0055	0.00272
Ca	mg/L	145	606	832
Cr	mg/L	<0.01	<0.005	<0.005
Cu	mg/L	0.64	0.0261	<0.01
Fe	mg/L	4.77	0.033	<0.060
Pb	mg/L	0.45	0.144	0.102
Ag	mg/L	<0.02	0.0077	0.0182
Zn	mg/L	20.31	0.076	0.028

Of most significance is the significantly lower zinc concentration in the filter press filtrate as compared to the testwork. The estimate of 20 mg/L zinc was used as the basis for potential environmental effects on groundwater from the DSTF and the comparison demonstrates that the initial estimate was highly conservative and actual water quality is significantly improved. In addition, a geosynthetic clay liner (GCL) layer was added to the DSTF design and has been installed below the DSTF footprint as a requirement under MMER to capture and measure any seepage from the tailings. The liner feature below the DSTF was not considered during the original assessment of the Bellekeno mine or a condition of the QML, but rather an outcome during the water licensing phase. The combination of the substantially high ABA ratio (3.8 to 8.4 : 1) due to the lower sulphur content of the Onek and Lucky Queen ores, preliminary results of the Bellekeno humidity cell tests, similarity of the Onek and Lucky Queen geochemical characteristics, consideration of the actual performance of the Bellekeno tailings and porewater chemistry compared to previously assessed testwork, and the addition of a GCL layer to the DSTF design give considerable confidence and justification for depositing filtered tailings from Onek and Lucky Queen into the currently authorized DSTF.

Alexco notes that during operations, any DSTF seepage is collected and routed to the Mill Pond for use in the processing circuit. Any discharges from the Mill Pond require treatment to achieve Effluent Quality Standards under QZ09-092. There has been no mill discharge to date since the mill was commissioned in late 2010. At closure the DSTF will have a soil cover installed to reduce infiltration, in addition to a bioreactor to provide ongoing long-term water treatment during the post-closure period.

Table 4-6. Results of XRD-Rietveld Mineralogical Analysis (weight %) of Bellekeno Composite Tailings

Minerals	Zn Rougher Tailings	Zn Cleaner Tailings	Final Mill Tailings	Minerals	Zn Rougher Tailings	Zn Cleaner Tailings	Final Mill Tailings	Minerals	Zn Rougher Tailings	Zn Cleaner Tailings	Final Mill Tailings
	July 2011 Composite	July 2011 Composite	July 2011 Composite		August 2011 Composite	August 2011 Composite	August 2011 Composite		September 2011 Composite	September 2011 Composite	September 2011 Composite
Quartz	53.44	47.07	51.27	Quartz	53.36	45.38	54.29	Quartz	51.14	46.86	48.75
Siderite	32.16	26.08	34.31	Siderite	30.37	22.27	31.33	Siderite	31.66	25.05	32.79
Muscovite	5.53	10.76	4.62	Muscovite	6.33	12.92	5.68	Muscovite	6.39	10.69	6.19
Calcite	2.23	5.17	2.92	Calcite	2.77	4.88	2.70	Calcite	3.27	4.42	2.68
Sphalerite	1.75	5.17	3.27	Sphalerite	0.94	3.40	1.83	Sphalerite	1.52	2.81	2.76
Pyrite	1.96	1.91	2.35	Pyrite	2.10	2.24	2.21	Pyrite	2.56	1.65	2.77
Galena	0.18	1.31	0.38	Galena	0.11	1.04	0.27	Galena	0.15	0.71	0.51
Plagioclase	2.36	0	0.00	Plagioclase	2.29	2.05	0	Plagioclase	2.54	2.72	0.00
Ankerite	0	1.02	0.66	Ankerite	1.73	0	0.58	Ankerite	0	0.52	0.99
Gahnite	0	0	0.23	Gypsum	0	1.20	0	Gypsum	0	1.22	0
Chalcopyrite	0.27	0	0	Rutile	0	0.67	0	Arsenopyrite	0	0	0.33
Clinochlore	0	0.86	0	Clinochlore	0	1.79	0	Clinochlore	0.78	1.26	0.97
Rutile	0	0.65	0	Clinozoisite	0	2.17	0	Clinozoisite	0	2.11	0.00
Wurtzite	0.12	0	0	K-feldspar	0	0	1.13	K-feldspar	0	0	1.26
Total	100.0	100.0	100.0	**Total**	100.0	100.0	100.0	**Total**	100.0	100.0	100.0

5 WATER CHARACTERIZATION AND MANAGEMENT

5.1 SURFACE WATER CONDITIONS

Selected historic data pertaining to the Onek 400 adit, Lucky Queen adit and Christal Creek watershed have been provided below and in Appendix L. Key objectives of the data analysis were to determine or understand:

- Trends in adit discharge water quality over time to anticipate future water quality concerns; and
- Comparison between data sets and appropriateness of each for interpreting site water quality.

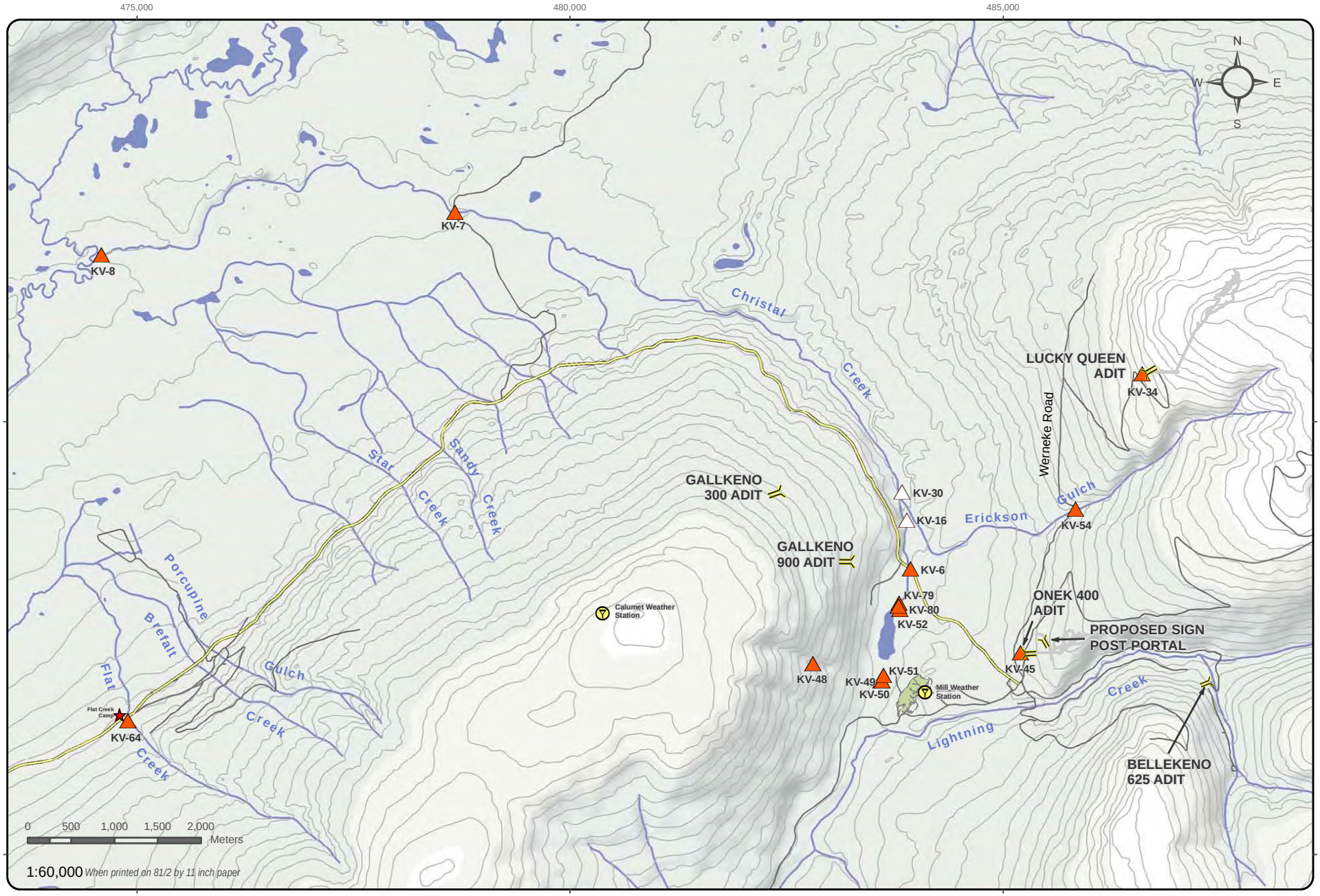
The proposed Onek and Lucky Queen mine sites are near Keno City and are contained within the Christal Creek watershed (Figure 5-1). Christal Lake drains into Christal Creek, which is fed by Erikson Gulch and eventually drains into the South McQuesten River.

Water quality sampling has been carried out at a number of sampling stations in this area including the Lucky Queen adit, Onek 400 adit, and along Christal Creek and its tributaries. A summary of conclusions from field studies and existing data for the area is as follows:

- A number of contaminant sources drain directly to Christal Lake and the Christal Creek watershed, including: Galkeno 900 adit, Galkeno 300 adit, Onek 400 adit, UN adit, and the old Mackeno tailings that are situated near the northeast shore of Christal Lake;
- Median total zinc concentrations of the Onek 400 adit discharge from data collected between 1997 and 2011 were 69.8 mg/L with a flow of 0.75 L/s; and
- The Onek 400 adit discharge was sampled seven times in 2011 and the total zinc and adit discharge ranged from 27.4 to 186 mg/L and 0.5 to 1.5 L/s, respectively.
- The Lucky Queen adit was sampled eight times in 2011 with a maximum zinc concentration of 0.22 mg/L and the adit discharge has been measured twice with a maximum flow of 1 L/s.
- There is currently no active chemical treatment of water emanating from either the Onek 400 adit or the Lucky Queen adit, and monitoring of both of these sites is carried out under QZ06-074 and QZ07-078.

5.1.1 Historic Lucky Queen Adit

The Lucky Queen adit (KV-34) is located on Keno Hill north of the Erickson Gulch watershed. There is no direct connection between the proposed workings and the historic Black Cap pit and historic underground workings (50, 100, 200 and 300 level workings). Water discharging from the Lucky Queen adit is likely the result of meteoric water infiltration reaching the 500 level workings. The Lucky Queen adit was intentionally barricaded in 2009 by Alexco to prevent inadvertent human access and for public safety concerns. Rehabilitation of the portal was initiated during the summer of 2011.



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Adit
Highway
Local
Contour (100 ft)
Mill Site
Monitored
Discontinued

AKHM
ACCESS

LUCKY QUEEN AND ONEK
MINE PRODUCTION

FIGURE 5-1 EXISTING SURFACE WATER MONITORING NETWORK

DRAWN BY MD	MARCH 2012	VERIFIED BY KW

I:\Keno_Area_Mines\ONEK\Maps\2_Permitting\YESAB_MARCH2012\Fig5-1_SurfaceWaterMonitoring_20120328.mxd
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Flows were recorded twice during the late-summer of 2011 at 1 L/s and 0.65 L/s (Table 5-1). To date in 2012, the flows have been measured 11 times and average 0.35 L/s (Appendix L). The flow of 1 L/s was measured during the rehabilitation of the underground workings when dewatering of accumulated water within the underground workings occurred; therefore this flow was not representative of natural conditions. The flow of 0.65 L/s was taken after the standing water in the adit had been pumped out and is considered representative of natural conditions.

The frequency of the Lucky Queen adit discharge monitoring program was increased in conjunction with the rehabilitation of the Lucky Queen adit. The samples collected and provided below may not be representative of baseline conditions as they were collected while activities were being conducted in the underground workings. Total zinc concentrations ranged from 0.04 to 0.22 mg/L, and total cadmium ranged from 0.0004 to 0.0027 mg/L (Figure 5-2). Both of these parameters are well below any licence discharge standard currently in place in the KHSD. Discharge from the Luck Queen adit is directed to a small settling pond for management of total suspended solids and then infiltrates into the ground approximately 50 to 100 m from the adit portal. Less than 1 L/s of water migrates approximately 3 km through the ground becoming attenuated prior to reaching Christal Creek. There is no direct surface water connection between the Lucky Queen adit and Christal Creek although the topography of the area drains in the direction of the Christal Creek watershed and thus it is thought that Lucky Queen waters eventually report there. The Lucky Queen adit is not within the Erickson Gulch watershed.

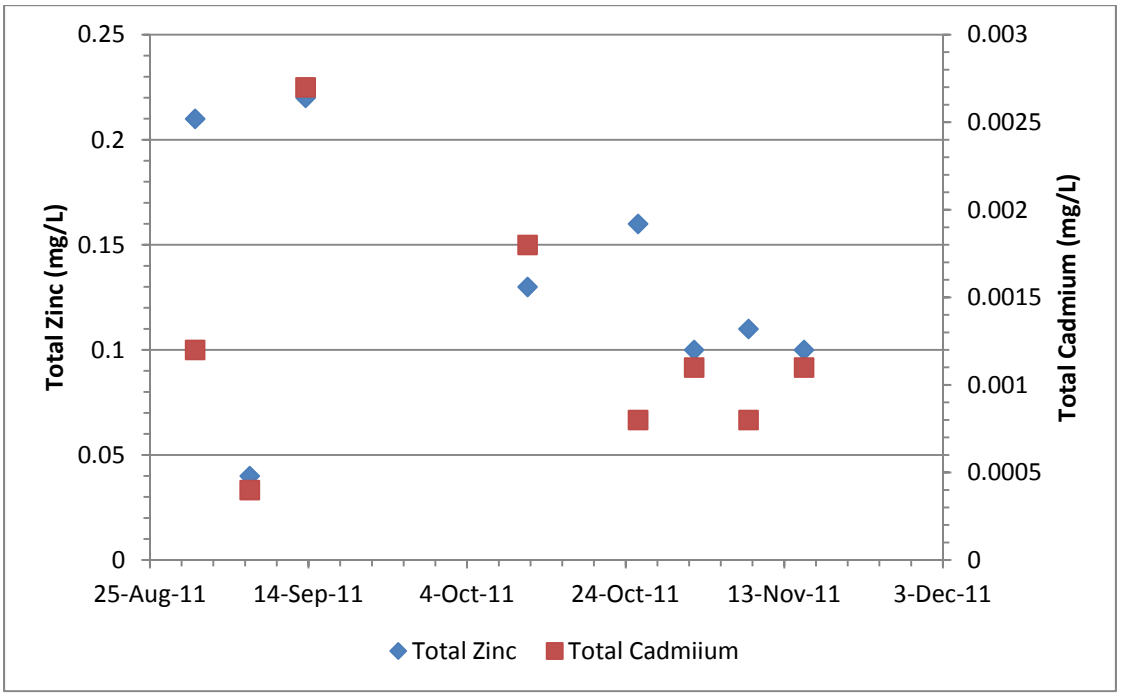


Figure 5-2. Lucky Queen Adit (KV-34) Total Zinc and Cadmium Concentrations, 2011

5.1.2 Historic Onek 400 Level Adit Discharge

The historic Onek 400 adit is located northeast of Keno City, within the valley below Keno Hill just east of the Gambler Gulch Trail. The adit is connected by shafts that daylight into the historically mined Onek Pit. Discharge rates from the Onek 400 adit (KV-45) vary greatly throughout the year and are presumed to be dependent on inflows to a backfilled shaft within the pit. The hydraulic connection between the pit and adit results in a rapid response of adit discharge during freshet and large rainfall events. Discharge as high as 7.3 L/s has been recorded during freshet, decreasing to approximately 0.5 L/s during low flow periods.

Figure 5-3, Appendix L and Table 5-1 presents Onek 400 adit water quality data from 2005 to 2011. Total zinc concentrations ranged from 27.4 to 186 mg/L, while cadmium ranged from 0.308 to 6.4 mg/L. Figure 5-3 shows that spikes in zinc and cadmium concentrations correlate with higher flows experienced during freshet or large rainfall events that flush the accumulated weathering products from the underground workings that were developed on vein from the Onek 400 mine.

Discharge from the Onek 400 adit infiltrates into the ground about 50 m from the adit opening during low flow, and may travel several hundred metres during spring and early summer before infiltrating to ground. The low discharge volume (median = 0.75 L/s, where n = 15, measured between 2006 and 2011) likely migrates downward and mixes with the natural groundwater flow system where it is diluted. A groundwater evaluation of the Keno City area suggests that the affected groundwater near the Onek 400 adit migrates southwest and then turns northwest towards Christal Lake. This migration pathway occurs in glacial deposits and possibly in bedrock as well.

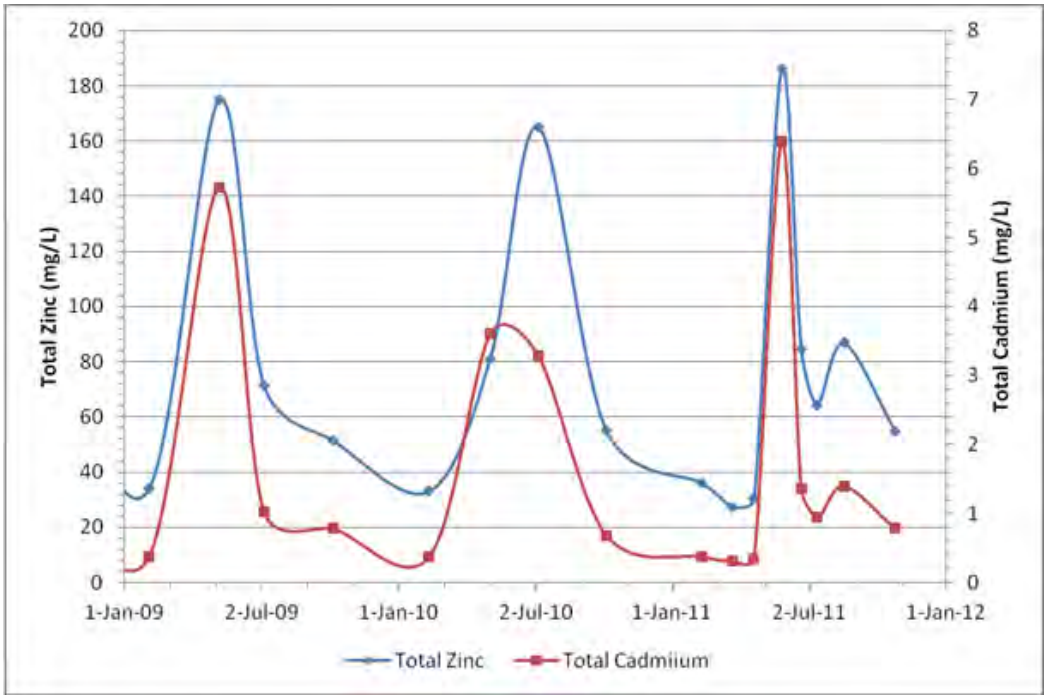


Figure 5-3. Onek 400 Adit Discharge (KV-45) Total Zinc and Cadmium Concentrations, 2009-2011

Table 5-1. Onek 400 Adit and Lucky Queen Adit Water Quality Summary Statistics

	Onek 400 Adit (KV-45)		Lucky Queen Adit (KV-34)
Zinc, Total (mg/L)	**2005-2011**	**2011**	**2011**
Count	26	8	8
Minimum	27.4	27.4	0.04
Maximum	186	186	0.22
Count <DL	0	0	0
Standard Deviation	47	51.7	0.06
1st Quartile	52	34.8	0.10
Median	72.1	59.7	0.12
3rd Quartile	113	85.3	0.17
Cadmium, Total (mg/L)	**2005-2011**	**2011**	**2011**
Count	26	8	8
Minimum	0.308	0.308	0.00040
Maximum	6.4	6.4	0.00270
Count <DL	0	0	0
Standard Deviation	1.611	2.031	0.000715
1st Quartile	0.606	0.369	0.00080
Median	0.986	0.863	0.00110
3rd Quartile	1.992	1.377	0.00135
pH (field)	**2006-2011**	**2011**	**2011**
Count	22	7	8
Minimum	6.42	7.16	9.28
Maximum	8.05	8.05	9.28
Count <DL	0	0	0
Standard Deviation	0.41	0.32	0.51
1st Quartile	7.17	7.57	7.81
Median	7.46	7.84	8.00
3rd Quartile	7.71	7.9	8.15
Discharge (L/s)	**2006-2011**	**2011**	**2011**
Count	15	5	2
Minimum	0.5	0.5	0.65
Maximum	7.3	1.5	1.0
Standard Deviation	2.06	0.43	-
1st Quartile	0.5	0.5	0.74
Median	0.75	0.5	0.825
3rd Quartile	1.85	0.75	0.91

5.1.3 Christal Creek Catchment

Christal Creek flows northwest from Christal Lake for approximately 22 km before it flows into the South McQuesten River. Water chemistry and aquatic resources in the creek have been influenced by previous mine and milling operations including tailings deposition and adit discharge. Christal Creek receives input water from Galkeno 900 adit, Galkeno 300 adit, and seepages (surface and groundwater) from workings on the west face of Keno Hill. Christal Lake has been a receptor for effluent from various mines including Galkeno 900 and the Mackeno Mill area and Mackeno tailings, contributing to metal loading in Christal Creek.

Within the Christal Creek catchment there are 11 active licenced monitoring sites (Table 5-2, Figure 5-1) and the 2011 results are presented in Appendix L. Monitoring in this watershed begins at Christal Creek before its confluence with Hinton Creek (KV-50) and ends at the mouth of Christal Creek where it enters the South McQuesten River (KV-8). There are no significant tributaries to Christal Creek upstream of Hinton Creek; however, it is unknown to what degree mine-related discharges may have an influence on the drainage above KV-50 as there are known to be historical workings upstream of this sampling location. It is reasonable to assume that water quality at KV-50 reflects some degree of mine-related contamination as a result of its proximity to mining areas, but could also reflect naturally mineralized seep areas.

Table 5-2. Christal Creek Catchment Water Quality Monitoring Sites

SITE	SITE DESCRIPTION	MONITORING FREQUENCY
KV-6	Christal Creek at Keno Highway	Monthly
KV-7	Christal Creek at Hanson Road	Monthly
KV-8	Christal Creek at mouth	Monthly
KV-48	Hinton Creek u/s Calumet Drive	Quarterly
KV-49	Hinton Creek u/s Christal Creek	Quarterly
KV-50	Christal Creek u/s Hinton Creek	Quarterly
KV-51	Christal Creek d/s Hinton Creek	Quarterly
KV-52	Natural spring to Christal Lake at Old Mackeno pumphouse	Monthly
KV-54	Erickson Gulch at Road to Lucky Queen	Quarterly
KV-79	Christal Creek d/s of Mackeno Tailings	Quarterly
KV-80	Christal Creek u/s of Mackeno Tailings	Quarterly

Of these stations, data were investigated for KV-6, KV-7, KV-8, KV-16 and KV-30 for a water quality assessment conducted by Minnow in 2008 (Appendix M). Data for these stations were examined to determine which parameters regularly exceed background concentrations and Canadian Environmental Water Quality Guidelines (CEWQG). Parameters that exceeded the highest benchmark (background or guideline) in more than 50% of samples included:

- KV-6 – cadmium, lead, sulphate and zinc;
- KV-7 – cadmium, sulphate and zinc;
- KV-8 – cadmium, sulphate and zinc;

- KV-16 – cadmium, nitrite, phosphorous, sulphate and zinc;
- KV-30 – cadmium, nitrite, sulphate and zinc.

In addition, parameter that exceeded both the background concentrations and water quality guideline (if available) in more than 10% of samples collected at each station include:

- KV-6 – arsenic, calcium, conductivity, hardness, iron, magnesium, manganese, nitrite, selenium, silicon, silver, sulphur, total suspended solids and uranium;
- KV-7 – arsenic, calcium, chromium, conductivity, hardness, iron, lead, magnesium, nitrite, silicon, silver, sulphate, sulphur and total suspended solids;
- KV-8 – calcium, conductivity, hardness, iron, lead, magnesium, nitrite, silicon, silver, strontium and sulphur;
- KV-16 – arsenic, calcium, chromium, conductivity, hardness, iron, lead, magnesium, manganese, selenium, silicon, silver, strontium, sulphur and uranium;
- KV-30 – aluminum, arsenic, calcium, chromium, conductivity, hardness, iron, lead, magnesium, manganese, phosphorous, silicon, silver, strontium, sulphur, total dissolved solids, total suspended solids and uranium;

Historically, concentrations of cadmium and zinc have been significantly elevated above the Canadian Environmental Water Quality Guidelines with mean values more than ten times the CWQG in both Christal Creek and Flat Creek (Appendix M). Since 2006, concentrations of cadmium and zinc have been in the same range as observed historically in the South McQuesten River. The improving trend in water quality is part of the success of care and maintenance activities, which in this case includes upgrades to the water treatment systems at Galkeno 300 and Galkeno 900.

During 2010, the Keno District Mill was constructed and commissioned within the Christal Creek watershed. Now, and in future years during mill operation, discharge water resulting from milling activities will enter the Christal Creek watershed. During 2010, even though permitted to discharge water from the Mill, there was no discharge from the Mill to the Christal Creek watershed; however, water treatment will be carried out in the future as required to treat mill water prior to discharge to Christal Creek.

5.2 GROUNDWATER CONDITIONS

The groundwater regime in the vicinity of the Onek and Lucky Queen deposits is characterized by mountain slope topography with topographic relief of roughly 1000 m over a horizontal distance of 6.5 km. The relief profiles showing interpreted groundwater elevations for Lucky Queen and Onek are shown in Figures 2-3 and 2-5, respectively.

Keno Hill is also typified by discontinuous permafrost and a relatively low temperature gradient; this can retard the infiltration of meteoric water and affect groundwater migration along the hillside. Groundwater

passing through Keno Hill also has a high degree of structural control as a result of geology of the area. Faults, fractures, vein systems, and mining excavations can act as preferential pathways for groundwater flow.

Alexco in partnership with the Federal Government have initiated a program to characterize the groundwater resource and potential impacts of historical mining from the historic Onek 400 adit. The investigation is ongoing, with preliminary results discussed in a Draft Keno City Groundwater Evaluation (Interralogic, 2011, Appendix O).

Preliminary results show that the groundwater flow regime in the area of Onek Mine is generally conformant with the surface topography as shown in Figure 5-4. Groundwater below Keno City generally travels in northwest direction somewhat parallel to the Silver Trail Highway. It is postulated that a higher permeability feature in bedrock or glacial deposits extends from the central part of Keno City to the northwest and this controls the general flow direction. The new Onek workings will not have direct connection to the historic Onek 400 level workings. There is a potential for indirect connection between the historic workings and the proposed workings through faults or fractures in the bedrock. The historic Onek 400 level adit lies below the new workings. The groundwater table shown on Figure 2-5 was developed using the groundwater levels recorded in KC-MW-3 and ON-MW-1 as listed in Table 5-4. Figure 2-5 shows that the groundwater table is above the Onek 400 level workings indicating that adit should and does flow at minimal flow rates of ~2 L/s. Surface outflow from the Onek 400 adit infiltrates to the groundwater table and migrates to the southwest where it commingles with the northwest flowing groundwater pathway. Hydrogeologic interpretations presented in the Draft Keno City Groundwater Evaluation (Interralogic, 2011) predict that groundwater affected by Onek 400 adit discharge does not impact the Keno City drinking water supply well. This interpretation is supported by the water samples taken from this well.

The Lucky Queen deposit is perched high on the western slope of Keno Hill. Because no groundwater investigations have taken place in this area, knowledge is limited to understanding the way water travels through the underground workings. The groundwater flow regime at Lucky Queen is expected to generally be conformant with the surface topography and flow in the direction of Christal Creek, which is approximately 3km west of the Lucky Queen adit.

5.2.1 Groundwater Quality

In 2011 a groundwater well, ON-MW-1, was installed upgradient of the Onek 400 adit, immediately below the area of the new Onek deposit, to establish background groundwater elevation and quality (Figures 5-4 and Table 5-4). Table 5-3 summarizes the groundwater quality data for the wells screened in overburden in the Keno City area: KC-MW-1B, KC-MW-2, KC-MW-3 and KC-MW-4. Table 5-4 summarizes the groundwater quality for the wells screened in bedrock: KV-84 and ON-MW-1.The high TSS measured in the wells for the November sampling event was due to the wells not being purged prior to sampling because of very cold temperatures.

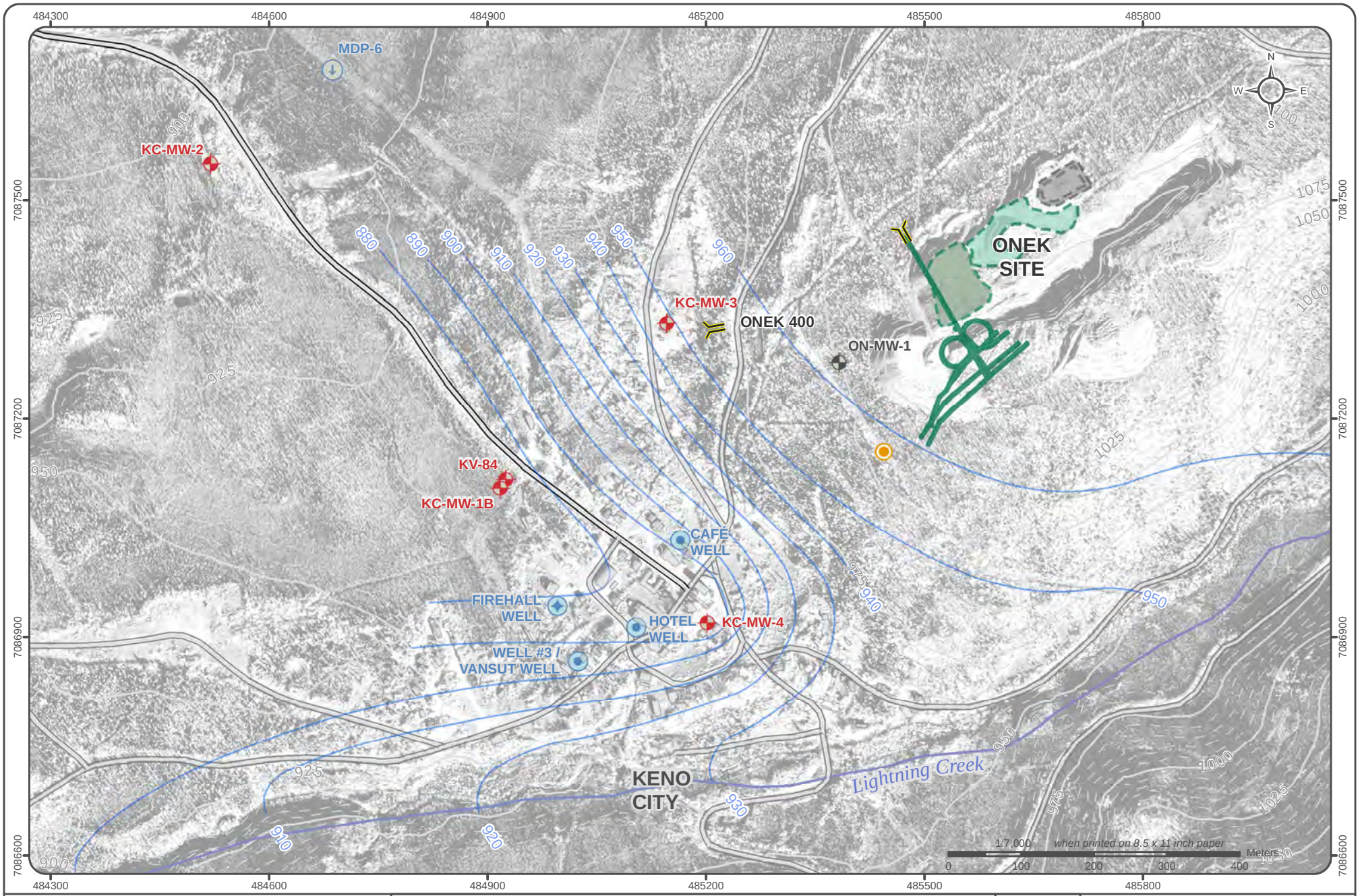
ON-MW-1 is similar in water quality to the downgradient well, KV-84, both contain elevated sulphate, iron and manganese which exceeded the aesthetic objectives identified in the Guidelines for Canadian Drinking Water Quality (GCDWQ) (Health Canada, 2010). This may be a result of ON-MW-1 and KV-84 being

downgradient of the historic waste rock facilities and being a deeper bedrock wells. Additionally, KV-84 exceeded the arsenic guideline identified in the GCDWQ for both sampling events shown in Table 5-4.

KC-MW-3 is located immediately downgradient of the Onek 400 adit and was installed to assess the potential impact the historic Onek 400 adit discharge could have on groundwater quality in the Keno City area. Background groundwater quality in the vicinity of the historical Onek 400 adit at KC-MW-3 is slightly elevated with respect to some metals given impact from adit discharge, the mineralized nature of the area, and possible impacts from groundwater in the historical Onek mine open pit and waste rock facilities. Onek 400 adit discharge exits the adit and travels north westwards in a bermed channel until, it disappears completely to ground roughly 50 m from the adit. Impact of the infiltration appears to be most significant to the northwest of the adit and Keno City. The Onek 400 adit was driven on vein and as such contains a high degree of mineralized materials which leach metals into water passing through it (Table 5-1). The primary contaminants of concern for KC-MW-3 are cadmium and zinc. KC-MW-4 contains elevated concentrations of sulphate and manganese in comparison to the other wells screened in overburden and is similar to the bedrock screened wells.

In 2010, a sampling program among the drinking water wells in the immediate vicinity of Keno City was completed that included the Café Well, Hotel Well, Fire Hall Well (Keno City drinking water supply well) and the VanSut Well. The Guidelines for Canadian Drinking Water Quality were exceeded in these wells for selenium and total dissolved solids (TDS) at the Keno City Cafe well and manganese at the Keno City Hotel and Fire Hall well (Table 5-5). Table 5-5 includes both total and dissolved metals.

Table 5-5 has includes dissolved mercury and zinc, and total metals. Mercury and zinc were not included in the original submission as they were unintentionally omitted. The mercury concentrations in Table 5-5 are all orders of magnitude below the Guidelines for Canadian Drinking Water Quality (GCDWQ). Radiological parameters were not included in Table 5-5 because the study was focusing on the contaminant transport of heavy metals from the Onek 400 adit. Appendix M presents the Ra226 results for the Lucky Queen adit discharge, which are all below the detection limit. Additionally, Ra226 has been monitored at the Bellekeno compliance point and Ra226 concentrations have all been below the standard of 0.37 BQ/L.



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- Proposed monitoring Well
- Groundwater Well
- Geotechnical Well
- Private Drilled Well
- Public Drilled Well
- Manual Drive Point
- Groundwater Contours
- Proposed Mine Development
- 5 Meter Contours
- 25 Meter Contours
- Proposed Footprints
- Proposed Borrow Source
- Exisiting Footprints

AKHM

ACCESS

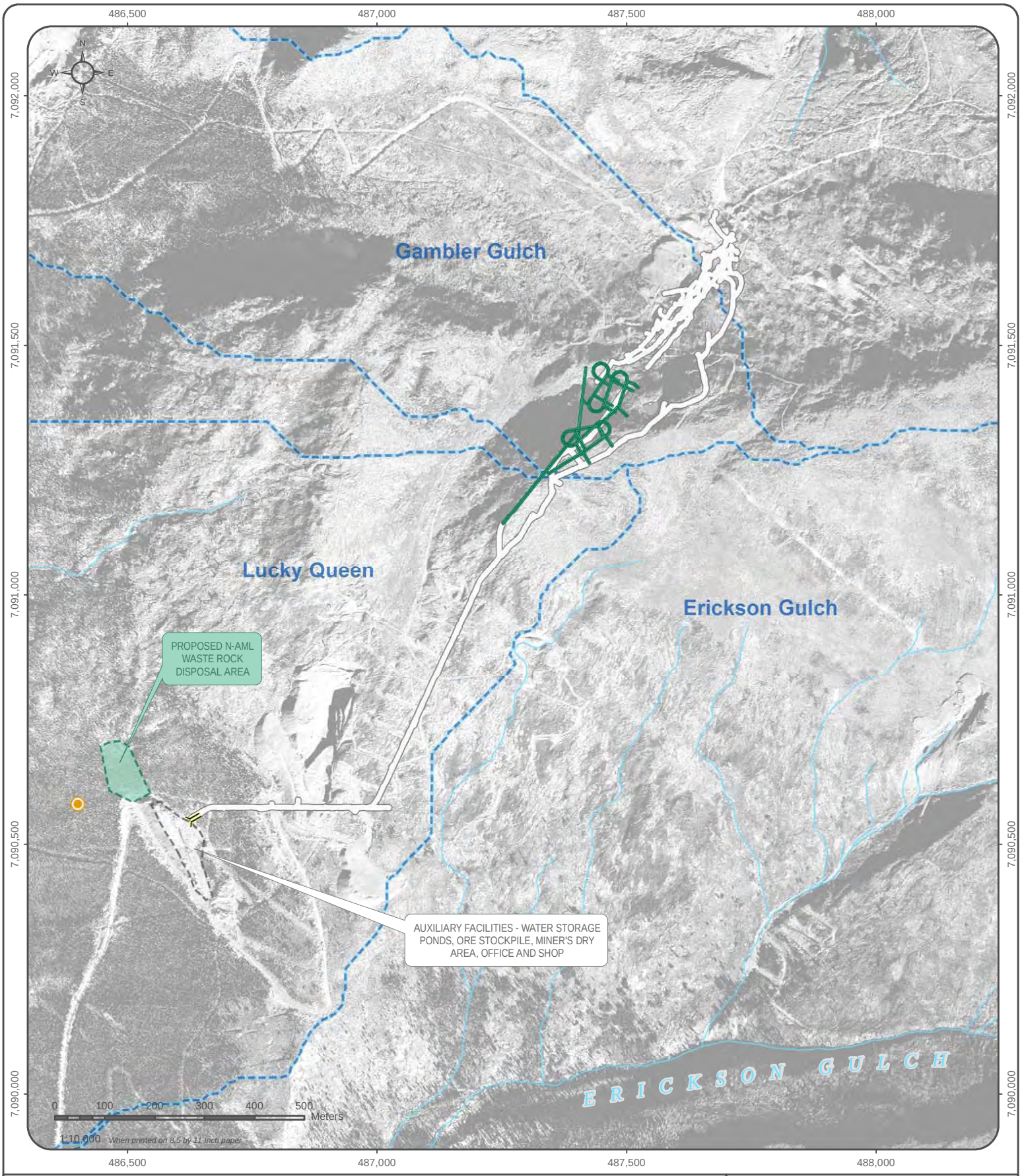
ONEK MINE AND SURROUNDING AREA

FIG 5 - 4

ONEK
GROUNDWATER MONITORING LOCATIONS

DRAWN BY JP	DECEMBER 2011	VERIFIED BY TL

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(Last edited by: jpan; 12/15/2011/16:12 PM)



Monitoring Well, Proposed
Watersheds
5 Meter Contours
25 Meter Contours
Existing Underground Workings
Proposed Footprints

LUCKY QUEEN MINE DEVELOPMENT

FIGURE 5-5

LUCKY QUEEN GROUNDWATER MONITORING LOCATIONS

DRAWN BY MD	MARCH 2012	VERIFIED BY KW

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(Last edited by: jparr;3/12/2012/16:15 PM)

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Table 5-3. Onek Area Groundwater Monitoring Results for Wells Screened in Overburden

Parameter	GCDWQ	KC-MW-2	KC-MW-4	KC-MW-1B
		21-Nov-11	19-Feb-12	9-Feb-12
Groundwater Level masl		881.06	-	878.93
Dissolved Sulphate	500	117	726	806
Conductivity µs/cm	-	402	1610	1840
pH pH unit	6.5-8.5	7.76	7.51	7.95
Total Suspended Solids	-	11.1	35.4	15.7
Dissolved Metals				
Dissolved Antimony	0.006	0.00017	<0.00002	<0.0001
Dissolved Arsenic	0.01	0.00143	0.00073	0.0004
Dissolved Barium	1	0.0888	0.0065	0.0181
Dissolved Boron	5	<0.05	<0.05	<0.3
Dissolved Cadmium	0.005	0.000570	0.0016	0.00327
Dissolved Chromium	0.05	0.0002	<0.0001	0.0013
Dissolved Copper	1	0.00085	0.00005	0.0013
Dissolved Iron	0.3	0.003	0.005	0.045
Dissolved Lead	0.01	0.000982	0.000081	0.001
Dissolved Manganese	<0.05	0.00956	0.707	5.29
Dissolved Mercury	0.001	<0.00001	<0.00001	<0.00005
Dissolved Nickel	-	0.00085	0.00964	0.0396
Dissolved Selenium	0.01	0.00124	0.00018	<0.0002
Dissolved Uranium	0.02	0.00256	0.0252	0.0213
Dissolved Zinc	5	0.0287	0.0461	0.211
Dissolved Calcium	-	58.0	319	417
Dissolved Magnesium	-	11.5	52.1	55.9

All units in mg/L unless otherwise noted

Table 5-4. Onek Area Groundwater Monitoring Results for Wells Screened in Bedrock

Parameter	GCDWQ	ON-MW-01	ON-MW-01	ON-MW-01	KV-84	KV-84	KC-MW-3	KC-MW-3
		21-Nov-11	19-Jan-12	11-Feb-12	31-Oct-11	13-Feb-12	21-Nov-11	07-Feb-12
Groundwater Level masl		962.01	961.26	961.05	-	880.64	949.61	948.44
Dissolved Sulphate	500	764	751	714	711	728	374	316
Conductivity µs/cm	-	1690	1700	1730	1679	1650	933	852
pH pH unit	6.5-8.5	7.87	7.73	7.98	7.20	7.97	7.45	7.52
Total Suspended Solids	-	126	<1.0	44.1	21	7.3	15.0	2.8
Dissolved Antimony	0.006	0.00017	0.00026	<0.0001	0.00034	0.001	0.0005	0.00051
Dissolved Arsenic	0.01	0.00245	0.00210	0.0082	0.0553	0.109	0.0007	0.00027
Dissolved Barium	1	0.0245	0.0277	0.0268	0.00955	0.0056	0.0153	0.0118
Dissolved Boron	5	<0.05	<0.05	<0.3	<0.05	<0.3	<0.3	<0.05
Dissolved Cadmium	0.005	0.000138	0.000021	<0.00003	0.000944	<0.00003	0.937	0.733
Dissolved Chromium	0.05	0.0002	0.0006	0.0009	<0.0001	<0.0005	<0.0005	<0.0001
Dissolved Copper	1	0.00007	0.00027	<0.0003	0.00081	<0.0003	0.0043	0.00408
Dissolved Iron	0.3	*4.27*	*2.83*	*0.697*	*1.88*	*4.98*	<0.005	0.003
Dissolved Lead	0.01	0.000058	0.000131	<0.0003	0.000405	<0.00003	0.00177	0.000341
Dissolved Manganese	<0.05	*1.54*	*1.51*	*1.42*	*1.76*	*1.88*	0.0267	0.00693
Dissolved Mercury	0.001	<0.000020	<0.00001	<0.00005	<0.00001	<0.00005	<0.00005	<0.00001
Dissolved Nickel	-	0.00728	0.00741	0.0033	0.028	0.0223	0.0312	0.0303
Dissolved Selenium	0.01	0.00005	0.00022	<0.0002	0.00014	<0.0002	0.0004	0.00068
Dissolved Uranium	0.02	0.0107	0.00890	0.00371	0.012	0.0129	0.00103	0.000855
Dissolved Zinc	5	0.0159	0.0107	0.0006	0.27	0.8	52.4	39.8
Dissolved Calcium	-	363	308	409	340	362	142	143
Dissolved Magnesium	-	39.3	29.2	37.4	38	41.7	17.8	17.0

1. *Highlighted and italicized indicates result exceeds Guideline for Canadian Drinking Water Quality, 2010 2.All units in mg/L unless otherwise noted*

Table 5-5. Results of Drinking Water Wells in the Immediate Vicinity of Keno City.

Parameter	Unit	Keno City Cafe Well 26-Nov-2010	Keno City Hotel Well 8-Dec-2010	Keno City Fire Hall Well 8-Dec-2010	VanSut Well 26-Nov-2010	VanSut Well 8-Dec-2010	Health Canada Guidelines for Drinking Water Quality (GCDWQ)
pH	pH	7.62	7.53	7.7	7.9	7.31	6.5-8.5
Sulphate	mg/L	Na	Na	180	Na	Na	500
TDS	mg/L	*660*	120	410	270	160	500
Total Metals							
Antimony	mg/L	0.00014	0.00013	0.00016	0.00019	0.00012	0.006
Arsenic	mg/L	0.00064	0.00056	0.00486	*0.0192*	0.00274	0.01
Barium	mg/L	0.0602	0.13	0.103	0.122	0.115	1
Boron	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	5
Cadmium	mg/L	0.000605	0.00022	0.0013	0.000405	0.000173	0.005
Chromium	mg/L	0.0019	0.0007	0.0005	0.0025	0.0004	0.05
Lead	mg/L	0.0052	0.00975	0.00263	0.00221	0.0007	0.01
Manganese	mg/L	*0.158*	0.362	0.0558	0.00112	0.00249	0.05
Mercury	mg/L	Na	0.00001	0.00002	Na	Na	0.001
Selenium	mg/L	*0.0139*	0.00057	0.00203	0.00281	0.00233	0.01
Uranium	mg/L	0.00298	0.000205	0.00929	0.0016	0.000619	0.02
Zinc	mg/L	0.119	0.0731	0.195	0.0284	0.0088	5
Dissolved Metals							
Antimony	mg/L	0.00006	0.00003	0.00013	0.0001	0.00008	0.006
Arsenic	mg/L	0.00005	0.00008	0.00263	0.00248	0.00169	0.01
Barium	mg/L	0.057	0.0938	0.103	0.114	0.111	1
Boron	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	5
Cadmium	mg/L	0.000155	0.000007	0.00124	0.000314	0.000129	0.005
Chromium	mg/L	0.0003	0.0002	0.0004	0.0005	0.0005	0.05
Lead	mg/L	0.000115	0.00011	0.000493	0.000182	0.000478	0.01
Manganese	mg/L	0.0306	*0.226*	0.0554	0.00078	0.00195	0.05
Mercury	mg/L	Na	0.00001	0.00002	Na	0.00001	0.001
Selenium	mg/L	0.0139	0.00063	0.00201	0.00267	0.0023	0.01
TDS	mg/L	660	120	410	270	160	500
Uranium	mg/L	0.00301	0.000117	0.00934	0.00143	0.000564	0.02
Zinc	mg/L	0.0728	0.0022	0.140	0.0198	0.0364	5

1. *Na –not analysed; 2. Highlighted and italicized indicates result exceeds Guideline for Canadian Drinking Water Quality, 2010*

5.3 PROJECT WATER USAGE

This Project will require water use for expansion of the Flat Creek camp for an additional 50 persons, and underground development and operation of Onek and Lucky Queen deposits. Combined total increased water usage for the additional camp personnel, Lucky Queen and Onek operations is estimated to be 183 m^3 per day or 66,795 m^3 per year.

5.3.1 Lucky Queen Underground Development and Production

Lucky Queen underground development and production will require up to 56.25 m^3/day. Daily water usage during ongoing underground mine development and operation is estimated at 45 m^3/day when mining at an estimated maximum rate of 150 tpd. This water will be used to support activities including percussion drill water use, dust suppression and equipment cooling, and minor use for sanitation. With a 25% increase for contingencies, total water usage for underground development, production and drilling is estimated at 56.25 m^3/day. The sources for underground development and operation include: percolated meteoric water encountered during mining, a groundwater supply well located near the adit portal, Lightning Creek (within rate currently Licenced under QZ09-092) and re-use of water from the settling pond. Mine water recovered in sumps will be used as much as possible. Based on current water recycle rate at the Bellekeno mine, it is estimated that up to 25% of the water could be recycled.

The proposed groundwater supply well has been identified as a contingency water source, although Lucky Queen is anticipated to have sufficient water supply for mining operations. The interpreted water table at the Lucky Queen is shown on Figure 2-3. A groundwater drilling program in spring 2012 will determine the depths of the groundwater supply wells and the potential withdrawal rates. The groundwater recharge rates would be determined during the pumping test.

As an additional contingency water source, Alexco proposes to source up to 135 m^3/day (combined Lucky Queen and Onek water requirement at maximum production rate) from Lightning Creek at the same withdrawal location as is currently licenced. Clause 14(b) licences a maximum combined rate of up to 245 m^3/day from Lightning Creek and other sources for use in mining operations. DFO's Freshwater Intake End-of-Pipe Fish Screen Guideline (1995) will be applied to protect fish/fish habitat.

5.3.2 Onek Underground Development and Production

Onek underground development and production will require up to 112.5 m^3/day. Daily water usage during ongoing underground mine development and operation is estimated at 90 m^3/day when mining at an estimated maximum rate of 300 tpd. This water will be used to support activities including percussion drill water use, dust suppression, equipment cooling and minor use for sanitation. With a 25% contingency, total

water usage for underground development, production and drilling is estimated at 112.5 m3/day. The water sources for underground development and operation include: the treated Onek 400 adit discharge[5], percolated meteoric water encountered during mining, a groundwater well located by the adit portal, water storage pond located near portal and Lightening Creek (within rate currently Licenced under QZ09-092). Mine water recovered in sumps will be used as much as possible. Based on current water recycle rate at the Bellekeno mine, it is estimated that up to 25% of the water could be recycled.

The groundwater supply well has been identified as a contingency water source, although Onek is anticipated to have sufficient water sources from mining operations. The water table at the Onek site is located at ~30 m below the ground surface (Figure 5-4 shows the location of the well and groundwater contours). Consistent with standard well development procedures, the groundwater drilling program will include a pumping test to determine recharge rates, measure the potential drawdown of Keno City wells, and establish potential connection between the aquifers.

As an additional contingency water source, Alexco proposes to source up to 135 m^3/day (combined Lucky Queen and Onek water requirement at maximum production rate) from Lightning Creek at the same withdrawal location as is currently licenced. Clause 14(b) licences a maximum combined rate of up to 245 m^3/day from Lightning Creek and other sources for use in mining operations. DFO's Freshwater Intake End-of-Pipe Fish Screen Guideline (1995) will be applied to protect fish/fish habitat.

5.3.3 Flat Creek Camp

As the camp is expanded for the mine development and operations of Lucky Queen and Onek mines there will be a need for increased water usage. The Flat Creek Camp requires an additional 14.25 m^3/day to support 50 additional people. Based on current camp use at the site a predicted use of 228 litres per person per day has been selected. For an additional 50 persons this translates to 11.4 m^3/day. This is consistent with YG Environmental Health guidance figures of 200 litres per person per day. With a 25% increase in use for fire protection, total camp water use requirements are estimated at 14.25 m^3/day. This will bring the total water usage for the Flat Creek camp to 57 m^3/day from the 42.75 m^3/day authorized in Water Use Licence QZ09-092.

Domestic water for the camp is currently pumped from a cistern buried in Flat Creek. It is piped via insulated-heat traced pipeline to a water treatment facility about 100 m to the north, located in the existing camp facility. The treatment plant consists of 5,000 L of storage, a water softener, UV treatment and chlorination. Monthly samples are submitted for analyses for bacteriological parameters and semi-annually for complete chemical analysis.

[5] Note that development and production of the Onek deposit can occur without the Onek 400 treated water.

A planned water well to augment water usage from Flat Creek between Flat Creek and the camp near the old fire water storage building has not yet been drilled, but will be drilled during 2012 in order to meet the needs of the expanded camp. Water will be pumped to the existing storage and water treatment system.

5.4 MINE WATER BALANCE

This section presents an overview of basic variables that affect the water balance at each of the three points of water use and discharge in this project. Data from two Environment Canada Atmospheric Environment Service weather stations in the Keno Hill area (Elsa town site from 1948-1965, and 1974-1989; and Keno Hill from 1974-1982) were used to evaluate climactic parameters for the Lucky Queen and Onek mine development project. Important variables are mean annual precipitation and evapotranspiration. These two parameters were considered the key parameters in developing the water balance for the Keno Hill area as a whole as presented in the Bellekeno YESAB project proposal. A climate station was installed at the Keno District Mill site in 2011, but this dataset is currently insufficient to incorporate into this application. Future applications will incorporate data from the recently installed climate station.

Mean annual precipitation (MAP) has been shown within the Keno Hill Silver District to increase with increasing elevation. The significant relief over which the Keno Hill area spans is well represented by the two historical weather stations with Elsa at 814 m and the Galena Hill weather station at 1472 m. This facilitated derivation of the relationship between elevation and precipitation for the site. In combination with site evapotranspiration, calculations have been used to predict annual precipitation, evapotranspiration, and net precipitation for the Lucky Queen and Onek mine (See Table 5-6). The close proximity and similar elevation allow Elsa to be a proxy for the Flat Creek Camp and the Onek Mine. Whereas Galena Hill acts as a proxy for Lucky Queen due to its proximity and similar elevation.

Table 5-6. Precipitation and Evapotranspiration at Select Keno Hill District Locations

Site	Mean Annual Precipitation (mm)	Mean Annual Evapotranspiration (mm)	Annual Net Precipitation (mm)	Data Source
Galena Hill (1472 m Elevation)	585	205	380	AES Climate Station, UKHM Site Characterization Report, 1996
Elsa Town site (814 m Elevation)	420	230	190	AES Climate Station, UKHM Site Characterization Report, 1996
Onek Mine, Sign Post adit (1025 m Elevation)	473	222	251	Calculated based on site elevation-precipitation relationship
Lucky Queen adit (1350 m Elevation)	554	210	344	Calculated based on site elevation-precipitation relationship

5.4.1 Lucky Queen Mine Water Balance

For the Lucky Queen mine development and production, water for drilling purposes and dust suppression will be sourced from infiltrated meteoric water entering the mine. If the volume of water entering the mine by infiltrated meteoric water is less than the required amount for mining operations, the contingency water sources (groundwater supply well, and Black Cap seep) will be used to supply the mine operations. Water will be used and recycled from the underground workings to the extent possible as the primary source. Approximately 25% of the water used in underground development may be recycled. Table 5-7 identifies the typical flows for existing Lucky Queen and Onek water sources.

Table 5-7. Typical Water Discharge from the Lucky Queen, Onek 400 and Black Cap Seeps

	Lucky Queen Adit (KV-34)	Black Cap Seep	Onek 400 adit (KV-45)
Typical Flow (m^3/day)	56.16	<25	64.8

Sumps will be constructed underground for temporary water storage, reuse and sediment settling of mine water. Sump location and relocation are contingent on mining/pumping efficiencies relative to mining, production and underground development rates. Additionally, a settling pond will be constructed near the Lucky Queen adit and may be used as a water source for the mine through recirculation.

Table 5-8 overviews the mine water balance during Lucky Queen mine development and operations. See Figure 5-6 for a schematic representation of the Lucky Queen mine water balance.

The Lucky Queen mine site design includes a settling/polishing pond adjacent to adit portal. The settling/polishing pond is also the secondary mine water makeup source, which will further reduce the use of the proposed groundwater well.

Surface water management features such as ditches will be constructed around the adit portal and waste rock storage facilities to divert minor volumes of surface water around the mine surface footprint (up to 250 m in length). A ditch around a portion of the Lucky Queen adit and waste rock facility currently exists that manages the minimal runoff that occurs at the site. The existing ditches would be extended around the new surface mine footprint to divert the minimal additional water anticipated. The water that is diverted around the mine site will not be discharged to surface water and will go to ground. The Water Management Plan that is part of WUL QZ09-092 will be updated to include the surface water management for Lucky Queen as part of the Water Use Licence amendment process.

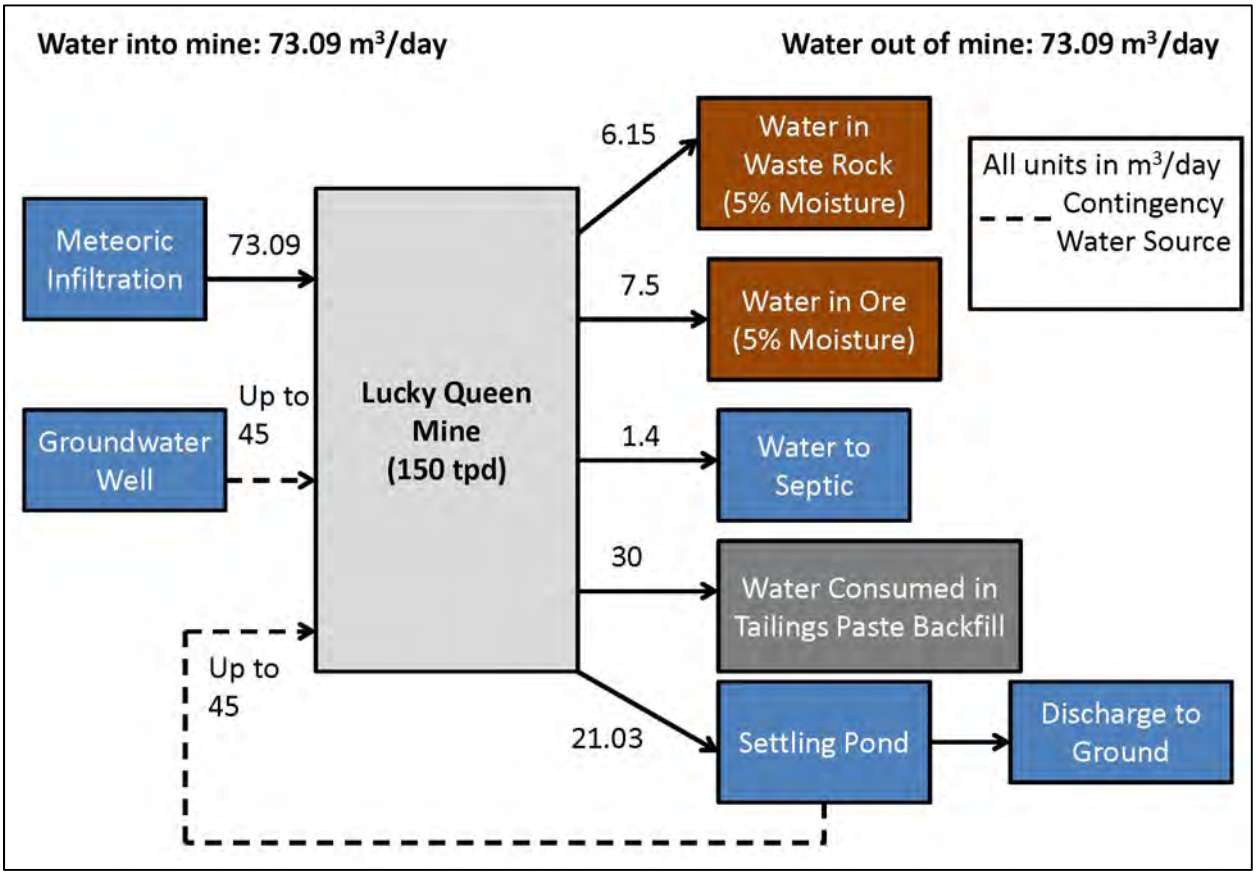


Figure 5-6. Lucky Queen Mine Water Balance Schematic

5.4.2 Onek Mine Water Balance

For Onek mine development and production, water for drilling purposes and dust suppression will come from the following sources: infiltrated meteoric water in the mine, treated Onek 400 discharge and potentially a groundwater supply well. Water will be used and recycled from the underground workings to the extent possible. Approximately 25%, of the water used in underground development may be recycled. Table 5-7 identifies the median flows from the existing Onek 400 adit, which incorporates higher flows observed during spring and summer from the connection with the Onek pit shafts and being below the groundwater table. As mentioned previously, the new Onek mine workings will not intersect the historic Onek 400 mine workings.

Sumps will be constructed underground for temporary water storage and reuse and sediment settling of mine water. Sump location and relocation are contingent on mining / pumping efficiencies relative to mining, production and underground development rates. Table 5-8 overviews the mine water balance during Onek mine development and operations. Figures 5-7, 5-8 and 5-9 present the water balance schematics for the Onek Mine during closure, average production rate of 150 tpd, and maximum production rate of 300 tpd.

The Onek mine will use water encountered during development and production as a primary source and the treated Onek 400 adit discharge as a secondary source. The treated Onek 400 water will be both trucked and pumped up to the Onek Mine. Additionally, a groundwater supply well will be used as contingency source for when the Onek 400 water treatment plant may not be sufficient or in operations. The new Onek adit and mine workings will not have significant groundwater inflows because the workings are above the groundwater table. Meteoric infiltration into the mine will not be large because the mine workings is relatively small and no discharge from the adit is anticipated.

Surface water management features such as ditches will be constructed above the adit portal and around waste rock storage facilities to divert minor volumes of surface water around the mine surface footprint (up to 350 m in length). The surface water volume to be managed is anticipated to be minimal at the site. The water that is diverted around the mine site will not be discharged to surface water and will infiltrate ground. Prior to the development of the Sign Post portal decline, a water storage/settling pond (10 m by 10 m by 2m) will be constructed. It will be lined with HDPE. Diversion ditches will be placed around the pond to ensure runoff does not enter the pond. The pond is anticipated to be used actively during the development of the decline and thereafter will be used as a contingency water management feature. The Water Management Plan that is part of WUL QZ09-092 will be updated to include the surface water management for Onek as part of the Water Use Licence amendment process.

Table 5-8. Lucky Queen and Onek Mines Water Balance

Process Description	Lucky Queen (m^3/day)	Onek (m^3/day)
Total Water Into Mine[1]	73.09	90
General Mine Development and Operations[2,3]	15	30
Water Used in Tailings Backfill[4]	30	60
Mine water Recharge from Infiltration[5]	73.09	15.58
Total Water Out of Mine	73.09	90
Water to Septic[6]	1.4	1.4
Water in Ore to Mill[7]	7.5	15
Water in Waste Rock[8]	6.15	7.98
Water Consumed in Tailings Backfill[4]	30	60
Water Lost by Exfiltration from Mine to underlying Groundwater	7.01	5.62
Lucky Queen Adit Discharge to Ground	21.03	-
Water Sources		
Onek 400 Treated water[9]	-	Up to 90
Groundwater Well[10]	Contingency up to 45	Contingency up to 90
Potential Process Recycle Water[11]	up to 11.25	up to 22.5
Onek Sign Post Portal Discharge to Ground	-	0

[1]Total Water into Mine calculated as water required for mining operations and tailings backfill and does incorporate the use of mine water recharge. If the mine water recharge rate is greater than the mine operation water requirements then the recharge rate has been used as the total water into the mine.

[2]Includes water for sanitation and water lost in waste rock and in ore to mill, based on six people per mine
[3]Water Sources that will contribute to water use for General Mine Development and Operations
[4]Assuming 100% of tailings backfill water is taken up in hydration reactions
[5]Estimated based on conservative infiltration rate of 0.35 for precipitation given in Table 5-6 and mine footprint area.
[6]Subtracted from general mine development and operations
[7]Pore water (5% moisture) in ore based on maximum mining rate of 150 and 300 tpd for Lucky Queen and Onek, respectively.
[8]Pore water lost in waste rock
[9]Onek 400 adit will be treated and will supply supplemental water up to 90 m^3/day as required
[10]Proposed groundwater well adjacent to the mine portals may supply up to maximum daily rate as a contingency water source
[11]Assuming up to 25% recycling of general mine operations water and 100% of tailings backfill water; however, ***no recycling*** is conservatively assumed for water balance and water use estimates

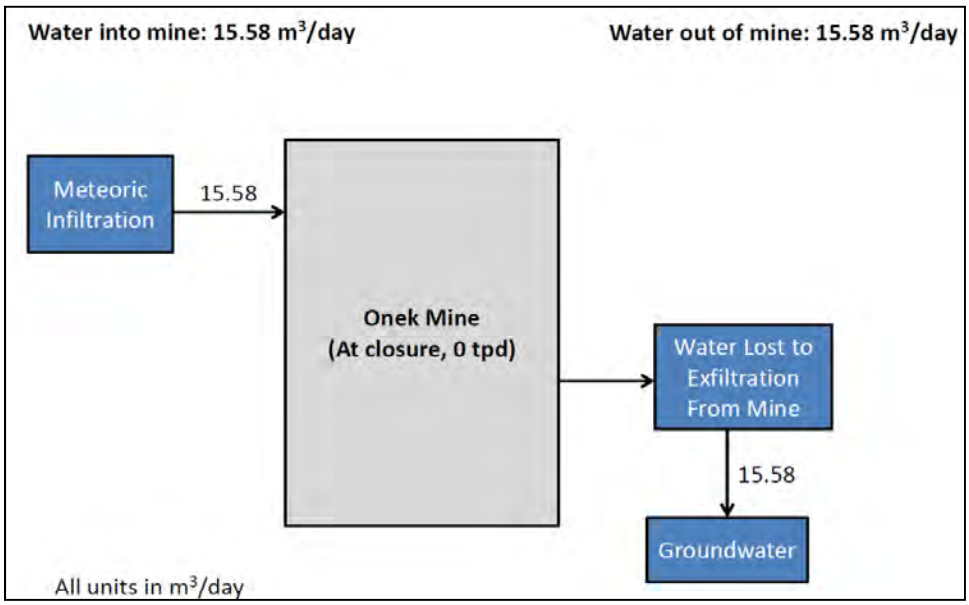


Figure 5-7. Onek Mine Water Balance Schematic at Closure

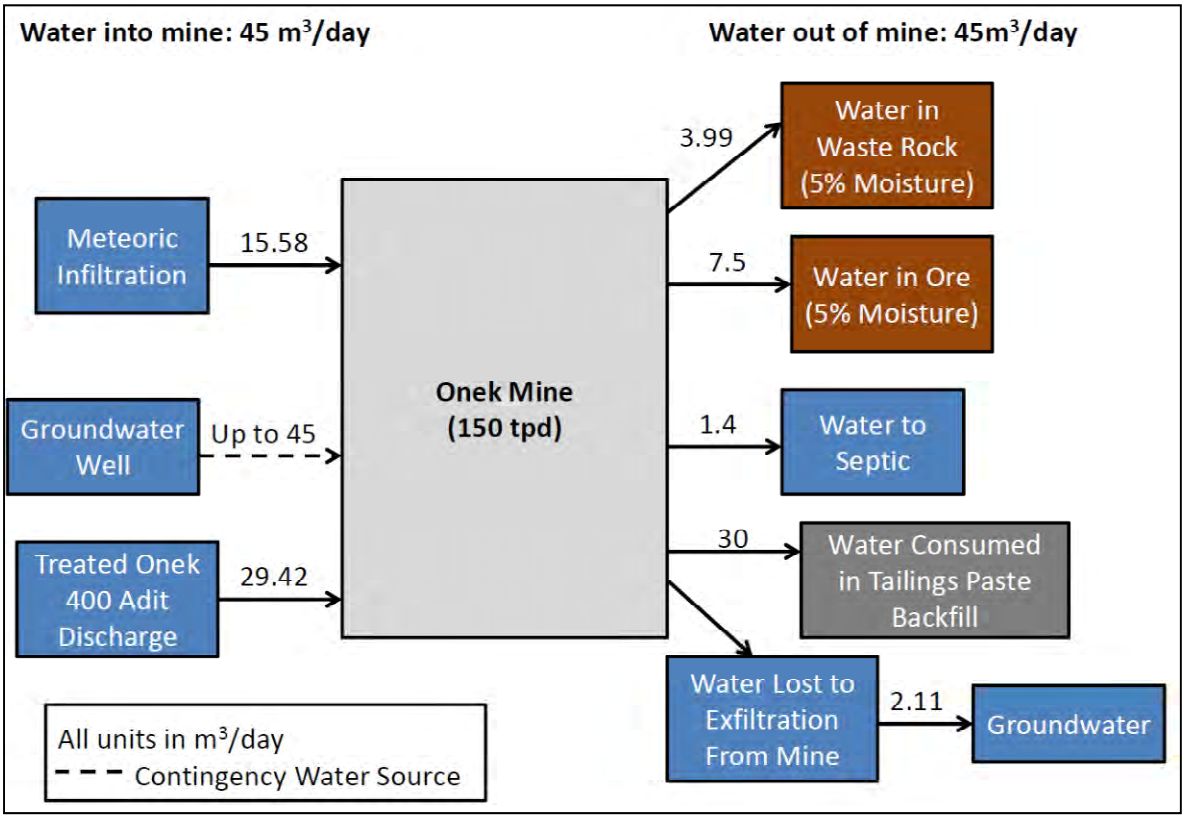


Figure 5-8. Onek Mine Water Balance Schematic at 150 tpd

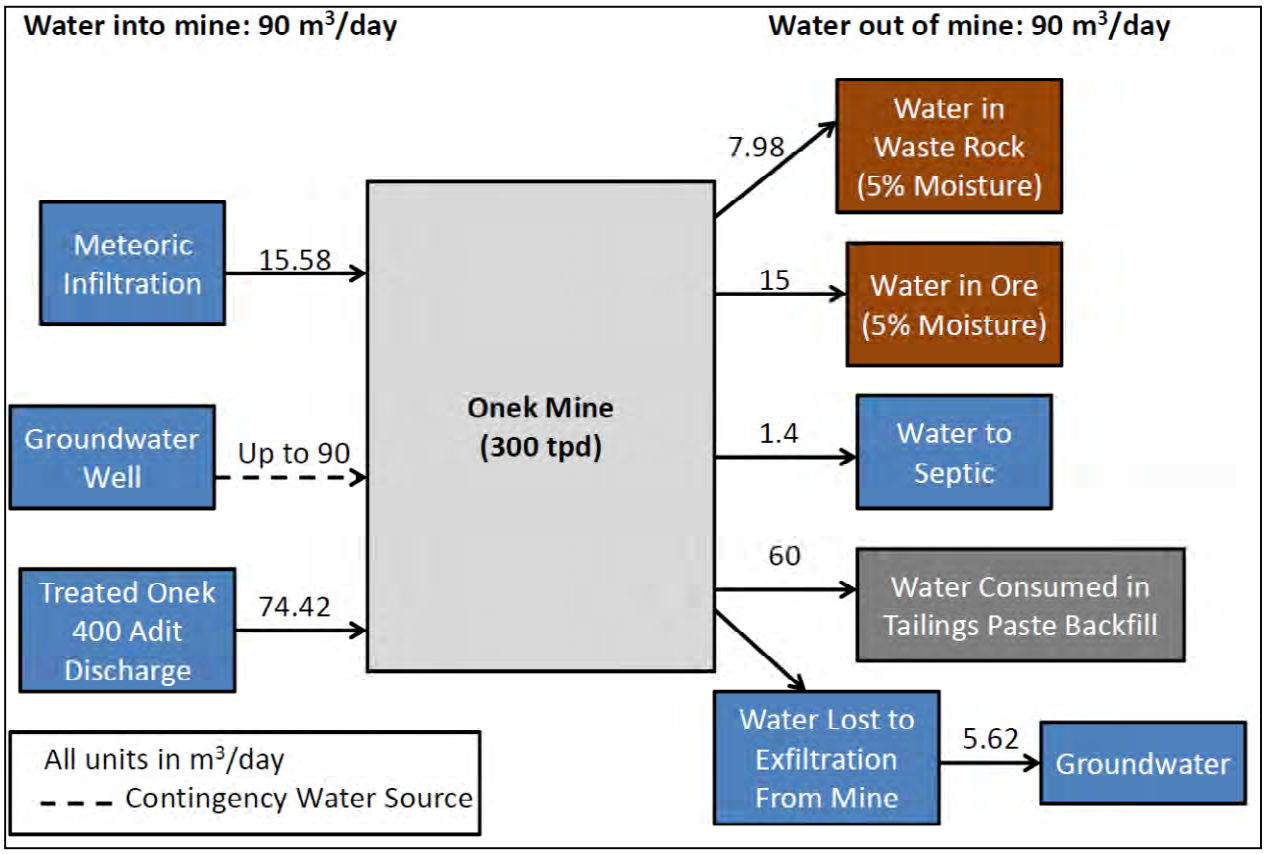


Figure 5-9. Onek Mine Water Balance Schematic at 300 tpd

5.5 CHARACTERIZATION AND MANAGEMENT OF POTENTIAL EFFECTS ON WATER

5.5.1 Lucky Queen Mine

Significant adverse effects on surface water or groundwater quality/quantity from development and production of the Lucky Queen deposit are not anticipated. The 500 level workings were developed by UKHM in the 1980s. The historic 50, 100, 200 and 300 level workings are positioned above the 500 level workings; therefore, it is assumed that the 500 level adit discharge is influenced by seepage from the historic workings through faults or fractures in the bedrock. The Lucky Queen 500 level adit discharge quality is presented in Appendix L; the current discharge meets Effluent Quality Standards (EQS) of QZ09-092 without treatment.

The 500 level workings were developed by UKHM in the 1980s. Current conditions at Lucky Queen can thus be considered to be representative of closure conditions. Water that infiltrates the new workings will report to the 500 level adit because there is a direct connection between them (i.e. the new workings will be developed off the historic 500 level adit). The 500 level adit discharge will be diverted to the storage pond on the pad. The collected water will be monitored regularly through production. As an adaptive management

response, if deteriorating discharge quality is detected, an investigation will be undertaken to ascertain the source of the deterioration and appropriate mitigations will be developed. If required, the discharge will be treated at one of the licensed treatment facilities.

The proposed mining methods will mitigate potential effects on water quality by limiting the interaction between water and the underground workings (e.g., mining "off the vein" through host country rock; shotcreting; and cement paste backfill).

The Lucky Queen adit discharge volume is not expected to increase significantly over the present rate as the historic 500 level underground workings are anticipated to generate the majority of adit discharge water. The historic underground workings represent a surface infiltration area of ~106,000 m^2; whereas the new workings will increase the existing footprint area by only ~32,000 m^2, therefore the new workings will represent a ~23% surface area increase for meteoric water infiltration resulting in an increase in infiltrated water from 56 m^3/day to 85m^3/day. During the mine operations a decrease in the adit discharge is anticipated from 73.09 m^3/day (0.85 L/s) to 21.03 m^3/day (0.24 L/s) when mining at 150 tpd and is not a significant effect to the local groundwater quantity.

The new Lucky Queen underground workings will be developed above the groundwater table. The geometry of the Lucky Queen development places the adit at the topographic low point (Figure 2-3 and 2-4), resulting in a drain effect at the Lucky Queen adit (500 level). The Lucky Queen mine operations only requires 45 m^3/day where as the historic working currently produce up to 56 m^3/day, Thus, the majority of the water entering the underground workings will be consumed in mining and the minor portion of water that will exit the adit will have no significant retention time within the new mine workings.

The Lucky Queen adit discharge ammonia concentrations between May 26, 2011 and January 10, 2012 ranged from 0.0065 to 0.36 mg/L, well below the current QZ09-092 ammonia discharge criteria of 5 mg/L. The Effluent Quality Standard (EQS) for ammonia under QZ09-092 is 5 mg/L. Alexco does not anticipate the Lucky Queen adit discharge ammonia concentrations to exceed the proposed EQS of 5 mg/L. To reduce potential ammonia concentrations Alexco will use short blast rounds rather than long blast rounds, maximize blast efficiencies and explosives will be stored above ground in an explosive magazine as per the Yukon *Occupational Health and Safety Act* Blasting Regulations. If ammonia is elevated during operations from use of explosives, ammonia will be treated using the appropriate technology to achieve t he proposed EQS. Proven ammonia removal technologies such as ion exchange as is currently being implemented at Bellekeno 625 are directly applicable to Lucky Queen if required.

The Lucky Queen adit discharge must pass a distance over 3 km to reach the receiving environment, Christal Creek, following infiltration into the groundwater aquifer down the side of Keno Hill. This process is likely to take place relatively slowly because of low ground temperatures and perennial permafrost conditions. Attenuation processes have been well documented in the area to remove metals from water sources as they flow in the soils, removing metals concentrations up to 90%. The eventual downstream receptor (3km from Lucky Queen), Christal Creek, will continue to be monitored by the current water licence and adaptive management plan. Additionally, one groundwater wells will be installed downgradient of the adit discharge

and downgradient of N-AML waste rock facility to provide monitoring to determine that the mitigative measures are working as expected.

QZ09-092 required a hydrogeological study of the Bellekeno Mine for operations and closure to be conducted upon licence issuance (Clauses 81-84). The Water Use Licence also required that a Groundwater Monitoring Plan be developed (Clauses 85-87). Alexco anticipates that similar provisions will be required as part of the licence amendment process to more accurately characterize the hydrogeological conditions at Lucky Queen. Operational experience and ongoing hydrogeological monitoring will inform closure plan development.

5.5.2 Onek Mine

The new underground workings at Onek will not intersect the historic Onek 400 workings and underground mining is predicted to not affect the historic Onek mine; thus significant changes to the flows or quality from the Onek 400 adit discharge are not predicted. The data collected to date supports the assertion that the proposed Project will not adversely impact groundwater. The water balance estimates that water lost by exfiltration from the mine to groundwater will be 5.67 m^3/day (0.06 L/s). This small flow rate will not likely cause an impact to groundwater. Alexco is nonetheless proposing to treat the Onek 400 adit discharge at a treatment facility to be located outside the Onek 400 portal as described in Section 5.5.2.1 and Appendix N. The water treatment plant will treat the water to meet the licence standards associated with the historic mines in the district as set forth in QZ06-074. The water treated from the Onek 400 water treatment plant will be used as the secondary water source for mining the new Onek deposit. Water that infiltrates the new workings may report to the historic Onek 400 level adit and discharge at the Onek 400 level portal.

The new Onek workings are anticipated to be net water neutral and under normal conditions, no discharge from the adit is anticipated. The new Onek underground workings will be developed above the local groundwater table, which appears to be controlled by the Onek 400 adit (elevation ~960 masl). This is consistent with the water level measured in ON-MW-1 also approximately 960 masl. The geometry of the Onek development places the underground workings at the topographic low point of 970 masl (Figure 2-4). The Onek mine operations anticipates up to 15.58 m^3/day of meteoric water to infiltrate the underground workings; whereas, the mining operations will require 90 m^3/day when mining at a maximum production rate of 300 tpd. Thus, the majority of the water entering the underground working will be consumed by the mining activities. The main underground workings of the Onek mine will be positioned in N-AML host rock; using proposed backfill operations to cover P-AML rock, changes to groundwater quality from the new mine development areas are not anticipated. Additionally, the water infiltrating the mine will have minimal exposure time to the underground workings as it will be consumed at a similar rate it is produced underground during operations.

As mentioned above, with no adit discharge from Sign Post portal and anticipated minimal seepage to groundwater, no significant change to groundwater quality or quantity is anticipated from mining activities. Nonetheless, groundwater in the vicinity of Onek and Keno City will continue to be monitored through the current water licence (QZ09-092) and the corresponding Adaptive Management Plan. Additionally, it is proposed that one monitoring well will be located and monitored downgradient of the portal pad, N-AML

waste rock storage area and underground workings, and upgradient of Keno City, to provide monitoring to determine that these mitigative measures are working as expected.

Figures 5-7, 5-8 and 5-9 present the water balance schematics for the Onek Mine during closure, average production rate of 150 tpd, and maximum production rate of 300 tpd.

During operations sumps will be established underground to manage small volumes of water temporarily on an as required basis. A water storage pond will be established on the Sign Post Portal Pad as a contingency in the unlikely event that larger volumes of water than can be managed underground are encountered. During a temporary closure scenario, this water management infrastructure would be sufficient to manage water infiltration in the short to medium term. Under a longer term temporary closure scenario, water would be allowed to infiltrate through the mine; significant adverse effect on local groundwater quality are not anticipated as discussed below.

The Keno City Groundwater Evaluation memo (Appendix O) prepared by Interralogic, Inc. has been included as Appendix O. It presents data and interpretation on the groundwater monitoring network in the Keno City area. The data presented in the report were used to create the groundwater contours shown on Figure 5-4. As listed in QZ09-092 Schedule B: Table 2, monitoring of groundwater well KV-84 (Keno City well) occurs on a quarterly basis. Additionally, KC-MW-1B, KC-MW-2, KC-MW-3 and ON-MW-1 are also monitored on a quarterly basis. All wells are sampled using the same methodology of purging three well volumes prior to collecting a sample.

Alexco's baseline environmental studies have identified the Onek discharge as a major metal loading source in the Christal Creek watershed and the Interralogic report identifies the Onek 400 adit discharge as potentially impacting the Keno City groundwater table. Alexco is proposing to treat the Onek 400 level adit discharge as part of the proposed project. The Onek 400 level adit discharge will be treated to the EQS in QZ06-074. Alexco commits to ensuring that the Onek 400 treatment system is operational prior to mining production at Onek.

Table 5-9 presents shake flask extractions (SFE) [6], ABA and metals analysis for rock samples from the historic Onek open pit walls (1 sample) and historic Onek waste dump (3 samples). The Onek pit wall sample is a quartzite mixed with schist. The Onek waste dump samples are as follows: greenstone, quartzite and graphitic schist, respectively. These data were used in Altura (2008a and b) to develop the WRMP. The SFE results in Table 5-9 have been compared to the Guidelines for Canadian Drinking Water Quality. Antimony, arsenic,

[6] The analysis is based upon the extraction procedure outlined in "Guidelines and Recommended Methods for the Prediction of Metal Leaching and Acid Rock Drainage at Minesites in British Columbia" BC Ministry of Energy and Mines, (Dr. William A. Price, 1997). In summary, the sample is extracted at a 3:1 liquid to solids ratio for 24 hours using deionized water. The extract is then allowed to settle and subsequently filtered through a 0.45 micron membrane filter and analysed using inductively coupled plasma - mass spectrophotometry (EPA Method 6020A).

cadmium, lead and manganese each exceeded each guideline once. The leachable metal concentrations from the Onek rock samples presented are low. The baseline groundwater quality currently monitored at ON-MW-1 has elevated metal concentrations (Table 5-4) in comparison to the SFE results.

The Onek rock samples were taken from rock at surface that was exposed to environmental conditions for an extended period of time. They can thus be considered generally representative of a post-closure state and the data inform characterization of the potential effects of the project on local groundwater quality. Based on the shake flask extraction test results for these rock samples, it is unlikely that the project will result in metal loadings that will deteriorate baseline groundwater quality conditions in the long term.

Additionally, the proposed mining methods will mitigate potential effects on water quality over the long term by limiting the interaction between water and the underground workings (e.g., mining "off the vein" through host country rock; shotcreting; and cement paste backfill). The new Onek workings will be developed above the groundwater table (well ON-MW-1 was drilled in the spring 2011 – see Figures 2-4 and 5-4, and Table 5-4), which limits the volume of water to which the mine walls are exposed in the long term.

While the samples do not necessarily represent the conditions that will be encountered during mining operations, the Onek mine will be net water consuming during operations, and consequently, the potential interaction between infiltrated water and rock will be limited.

QZ09-092 required a hydrogeological study of the Bellekeno Mine for operations and closure to be conducted upon licence issuance (Clauses 81-84). The Water Use Licence also required that a Groundwater Monitoring Plan be developed (Clauses 85-87). Alexco anticipates that similar provisions will be required as part of the licence amendment process to more accurately characterize the hydrogeological conditions at Onek. Operational experience and ongoing hydrogeological monitoring will inform closure plan development. The District Closure Plan, which is currently under development, will address long term closure measures to address environmental issues associated with historic mining operations at Onek and throughout the District.

To reduce potential ammonia concentrations Alexco will use short blast rounds rather than long blast rounds, maximize blast efficiencies and explosives will be stored above ground in an explosive magazine as per the Yukon Occupational Health and Safety Act Blasting Regulations. If ammonia is elevated during operations from use of explosives, ammonia will be treated using the appropriate technology to achieve the proposed EQS. Proven ammonia removal technologies such as ion exchange as is currently being implemented at Bellekeno 625 are directly applicable to Onek if required.

5.5.2.1 Water Treatment at Historic Onek 400 Level Adit

Alexco has been conducting environmental investigations on behalf of, and in conjunction with, the Governments of Yukon and Canada for the past five years to support closure planning for the historic mining activity throughout the KHSD. As part of these studies, Alexco's groundwater investigations have recently documented groundwater with elevated concentrations of cadmium and zinc beneath the northern end of Keno City, which is presumed to have arisen from discharge from the Onek 400 adit impacted by historic mining activities.

Table 5-9a. Shake Flask Extraction Results for Historic Onek Rock Samples

Mine/Dump Location			Onek Pit	Onke Pit Dump		
Date of Analysis	**11-May-07**	**GCDWQ**	**95UKHOP01**	**95UKHOD01**	**95UKHOD02**	**95UKHOD03**
Leachable Anions & Nutrients	**Units**					
pH	pH		7.87	7.61	6.67	7.45
Leachable Metals						
Aluminum (Al)-Leachable	mg/L		0.156	0.270	0.0857	0.0486
Antimony (Sb)-Leachable	mg/L	0.006	0.00232	*0.0125*	0.00337	0.00100
Arsenic (As)-Leachable	mg/L	0.01	0.00091	*0.0118*	0.00463	0.00124
Barium (Ba)-Leachable	mg/L	1	0.00260	0.00118	0.00852	0.0133
Beryllium (Be)-Leachable	mg/L		<0.00050	<0.00050	<0.00050	<0.00050
Bismuth (Bi)-Leachable	mg/L		<0.00050	<0.00050	<0.00050	<0.00050
Boron (B)-Leachable	mg/L	5	0.011	<0.010	0.027	0.012
Cadmium (Cd)-Leachable	mg/L	0.005	0.000071	<0.000050	*0.00196*	0.000301
Calcium (Ca)-Leachable	mg/L		18.7	9.93	1.80	39.6
Chromium (Cr)-Leachable	mg/L	0.05	<0.00050	<0.00050	0.00118	0.00075
Cobalt (Co)-Leachable	mg/L		<0.00010	0.00015	<0.00010	<0.00010
Copper (Cu)-Leachable	mg/L	1	<0.0012	0.00272	0.00383	0.00348
Iron (Fe)-Leachable	mg/L	0.3	<0.030	0.098	0.081	<0.030
Lead (Pb)-Leachable	mg/L	0.01	0.00155	<0.00040	*0.0175*	0.00895
Lithium (Li)-Leachable	mg/L		0.0057	<0.0050	<0.0050	0.0067
Magnesium (Mg)-Leachable	mg/L		1.74	0.65	0.31	4.40
Manganese (Mn)-Leachable	mg/L	0.05	0.00686	0.00381	*0.0847*	0.00540
Mercury (Hg)-Leachable	mg/L	0.001	<0.0010	<0.0010	<0.0010	<0.0010
Molybdenum (Mo)-Leachable	mg/L		0.00201	0.00197	0.000269	0.00143
Nickel (Ni)-Leachable	mg/L		<0.00050	<0.00050	<0.00050	<0.00050
Phosphorus (P)-Leachable	mg/L		<0.30	<0.30	<0.30	<0.30
Potassium (K)-Leachable	mg/L		4.2	<2.0	<2.0	4.1
Selenium (Se)-Leachable	mg/L	0.01	0.0029	<0.0010	<0.0010	0.0068
Silicon (Si)-Leachable	mg/L		1.79	4.03	2.52	2.04
Silver (Ag)-Leachable	mg/L		<0.000010	<0.000010	0.000229	0.000016
Sodium (Na)-Leachable	mg/L		<2.0	<2.0	<2.0	4.5
Strontium (Sr)-Leachable	mg/L		0.0557	0.0204	0.0126	0.103
Thallium (Tl)-Leachable	mg/L		<0.00010	<0.00010	<0.00010	<0.00010
Tin (Sn)-Leachable	mg/L		<0.00010	<0.00010	0.00016	<0.00010
Titanium (Ti)-Leachable	mg/L		<0.010	<0.010	<0.010	<0.010
Uranium (U)-Leachable	mg/L	0.02	0.000223	0.000033	0.000015	0.000240
Vanadium (V)-Leachable	mg/L		<0.0010	0.0047	<0.0010	<0.0010
Zinc (Zn)-Leachable	mg/L	5	<0.0040	<0.0050	0.0278	<0.0050
Result	Exceeds Guideline for Canadian Drinking Water Quality, 2010					

Table 5-9b. ABA and Metals analysis for Historic Onek Rock Samples

Keno Hill Waste Rock Chemistry Data			ONEK pit	ONEK pit dump		
		Units	**95UKHOP01**	**95UKHOD01**	**95UKHOD02**	**95UKHOD03**
MPA	*Basic Acid Base Accounting*	$tCaCO_3$/1000t ore	9.4	0.3	0.3	1.9
FIZZ RATING	*Basic Acid Base Accounting*	Unity	3	2	1	3
NNP	*Basic Acid Base Accounting*	$tCaCO_3$/1000t ore	55	17	1	36
NP	*Basic Acid Base Accounting*	$tCaCO_3$/1000t ore	64	17	1	38
pH	*Paste pH*	Unity	8.4	8.7	8.1	7.7
Ratio (NP:MPA)	*Basic Acid Base Accounting*	Unity	6.83	54.4	3.2	20.27
S	*Total Sulphur (Leco)*	%	0.3	0.01	0.01	0.06
S	*Sulfate Sulfur-carbonate leach*	%	<0.01	<0.01	<0.01	<0.01
S	*Sulfate Sulfur (HCl leachable)*	%	<0.01	<0.01	<0.01	<0.01
S	*Sulfide Sulpher (calculated)*	%	0.3	0.01	0.01	0.06
C	*Inorganic Carbon (CO2)*	%	0.89	0.11	<0.05	0.51
CO2	*Inorganic Carbon (CO2)*	%	3.3	0.4	<0.2	1.9
Au	*Au 30g FA ICP-AES Finish*	ppm	<0.001	<0.001	0.004	0.001
Ag (Silver)	*27 element four acid ICP-AES*	ppm	<0.5	<0.5	4.9	<0.5
Al (Aluminum)	*27 element four acid ICP-AES*	%	3.92	8.55	0.58	9.26
As (Arsenic)	*27 element four acid ICP-AES*	ppm	9	7	85	25
Ba (Barium)	*27 element four acid ICP-AES*	ppm	500	20	50	1160
Be (Beryllium)	*27 element four acid ICP-AES*	ppm	1	0.7	<0.5	2.3
Bi (Bismuth)	*27 element four acid ICP-AES*	ppm	<2	<2	<2	<2
Ca (Calcium)	*27 element four acid ICP-AES*	%	2.65	8.32	0.05	1.69
Cd (Cadmium)	*27 element four acid ICP-AES*	ppm	2.9	0.9	6.2	1.4
Co (Cobalt)	*27 element four acid ICP-AES*	ppm	6	41	<1	12
Cr (Chromium)	*27 element four acid ICP-AES*	ppm	58	109	42	112
Cu (Copper)	*27 element four acid ICP-AES*	ppm	11	144	55	28
Fe (Iron)	*27 element four acid ICP-AES*	%	2.17	8.5	1	4.52
Ga (Gallium)	*27 element four acid ICP-AES*	ppm				
K (Potassium)	*27 element four acid ICP-AES*	%	0.76	0.02	0.17	1.78
La (Lanthanum)	*27 element four acid ICP-AES*	ppm				
Mg (Magnesium)	*27 element four acid ICP-AES*	%	0.26	4.15	0.04	0.36
Mn (Manganese)	*27 element four acid ICP-AES*	ppm	275	1440	163	277
Mo (Molybdenum)	*27 element four acid ICP-AES*	ppm	<1	<1	1	1
Na (Sodium)	*27 element four acid ICP-AES*	%	0.16	1.08	0.02	0.31
Ni (Nickel)	*27 element four acid ICP-AES*	ppm	21	93	2	54
P (Phosphorous)	*27 element four acid ICP-AES*	ppm	450	610	170	1030
Pb (Lead)	*27 element four acid ICP-AES*	ppm	43	19	224	79
S (Sulphur)	*27 element four acid ICP-AES*	%	0.32	0.01	0.01	0.07
Sb (Antimony)	*27 element four acid ICP-AES*	ppm	5	11	6	<5
Sc (Scandium)	*27 element four acid ICP-AES*	ppm				
Sr (Strontium)	*27 element four acid ICP-AES*	ppm	207	253	6	226
Th	*27 element four acid ICP-AES*	ppm				
Ti (Titanium)	*27 element four acid ICP-AES*	%	0.2	0.97	0.07	0.27
Tl (Thallium)	*27 element four acid ICP-AES*	ppm				
U (Uranium)	*27 element four acid ICP-AES*	ppm				
V (Vanadium)	*27 element four acid ICP-AES*	ppm	59	341	12	145
W (Tungsten)	*27 element four acid ICP-AES*	ppm	<10	<10	<10	<10
Zn (Zinc)	*27 element four acid ICP-AES*	ppm	421	181	172	168

The data has been reported to regulatory authorities, and will be dealt with separately from the project described in this document. However, the linkage between the discovery of affected groundwater and this project is that Alexco has adopted a 'higher duty of care' approach to any potential new mine discharge; specifically we will incorporate the construction and operation of a new water treatment plant at the historic Onek 400 adit portal, into this project. Because the groundwater conditions are the result of historic mining activities, construction and operation of the treatment plant at Onek 400 will require the participation of Government of Canada.

The approach to the development of the new Onek mine as described in this application will limit any effect on the environment, and the Onek 400 adit will be a primary monitoring point to confirm that no incremental loading is caused by the mining activities in the new area on the Onek vein (the Onek 400 adit is below the new mine workings and could be expected to be the first place where the new mine workings' effect on groundwater could be observed). However, the presence of a treatment plant at Onek 400 will provide a redundancy feature for the project were any effects to be caused to the water percolating in the vein from the new mine areas into the groundwater around the Onek 400 adit. The project as designed is not expected to cause a measureable increase in either water quantity, or a measureable incremental load to the Onek 400 adit discharge, and thence the new proposed treatment plant. The addition of the cemented rock fill and tailings backfill replacing the vein material should both increase the alkalinity of the water percolating through this structure, as well as by the removal of the source (by mining) and the replacement with a lower permeability feature (cemented rock fill) the loading from this area should decrease as a result of the mining activity. However, on the precautionary principle, it is prudent to incorporate the Onek 400 water treatment plant into this project assessment to ensure that any temporary effects that might arise from the mining activity are adequately planned for and appropriate mitigative contingencies are present.

Further, Alexco believes that given the discovery of affected groundwater caused by the historic Onek mine, a water treatment plant would eventually have to be built to prevent additional chemical loading from the Onek 400 adit as part of the broader district wide closure plan. In accordance with Alexco's environmental policy, we believe that immediate response is necessary and implementation of a water treatment plant is required to prevent further degradation of the groundwater beneath Keno City. It is felt that the soonest this plant could receive regulatory approval is to incorporate it into the Lucky Queen and Onek applications.

The plant will consist of a standard skid mounted, automated lime addition tank and pump assembly, coupled with a fenced sediment pond system or clarification and sludge pressing system to capture metalliferous lime sludge. The sludge will be similar in composition to the sludge currently being produced at the mill water treatment plant and will similarly be deposited in the Valley Tailings area. Similar plants are currently in operation at Silver King 200, Galkeno 900 and Galkeno 300. These systems have proven effective at treating mine discharges with high metals content and fluctuating flows that are influenced by seasonal variations in meteoric water inflows, as is the case with the Onek 400 adit discharge. Given the historic nature of the Onek 400 adit, monitoring and eventual operation of a water treatment plant at Onek 400 will fall under WUL 06-074 (and a subsequent amendment) which governs care and maintenance activities throughout the district.

A complete technical description of the water treatment plant is provided in Appendix N.

5.5.3 Flat Creek Camp

It is assumed that Flat Creek and the proposed well site for the Elsa camp could potentially be hydrogeologically connected and the supply well water would be assumed to be groundwater under direct influence of surface water (GUDI). Based on this assumption, Alexco commits to treating the well water to the same degree as the water currently withdrawn from Flat Creek. Alexco is currently authorized under QZ09-092 to withdraw up to 42.75 m^3/day from Flat Creek or the proposed groundwater supply well. Alexco is proposing to increase this number to 57 m^3/day from Flat Creek or the proposed groundwater supply well. The groundwater supply well is intended only to be used during the spring to early summer period when Flat Creek is at its highest flows to obtain clear water for the camp and to obtain water during the winter period when Flat Creek may be frozen, therefore effects to Flat Creek will be minimal.

Flat Creek does not freeze through. The closest monitoring station on Flat Creek to the camp is station KV-64 (see Figure 5-1). Since July 2007, Flat Creek at the Silver Trail Highway crossing has been monitored 21 times. This includes data from all months of the year and Flat Creek at KV-64 has not been observed to freeze through. Currently Flat Creek has been monitored monthly from October 2011 to February 2012.

There will be some input from Flat Creek to groundwater year-round, because Flat Creek does not freeze through. The primary source of water for any alpine stream during spring freshet will be snow melt/surface runoff and not groundwater; therefore, significant impacts to Flat Creek flows from groundwater extraction at that time are not anticipated.

The flow measured in Flat Creek at KV-64 on February 16, 2012 was 4.8 L/s. In May 2010, the rate in Flat Creek was 142.5 L/s; in July of 2010, the rate was 150 L/s. The proposed extraction rate increase associated with the project (14.25 m^3/d or 0.16 L/s)) represents *3 % of the winter flow and 0.1 % of the spring/summer flow*.

5.5.4 Proposed Monitoring and Effluent Quality Standards

Surface Water Monitoring

As part of the monitoring program the Lucky Queen adit (KV-34) is proposed to be monitored on a daily interval during mine operations and weekly if the mine is not in operations. The Onek adit is not anticipated to have discharge, but as a contingency a monitoring station will be established to confirm this prediction. The above two monitoring locations would be subject to the proposed effluent discharge standards as listed in WUL QZ09-092. If seeps establish at the toes of the proposed N-AML waste rock facilities at Onek and Lucky Queen, monitoring stations will be established and monthly sampling will occur.

The P-AML waste rock storage facilities will be capped with an impermeable cover upon closure. Before this cap is in place, however, meteoric water may accumulate in these lined facilities. Should the need arise, accumulated water will be periodically pumped using a vacuum truck and transported to a water treatment plant for treatment.

Prior to the development of the Sign Post portal decline, a water storage/settling pond will be constructed. The pond is anticipated to only be used actively during the development of the decline and thereafter will be

used as a contingency water management facility. It is proposed that the pond will be monitored weekly if discharging.

Groundwater Monitoring

In addition to the groundwater monitoring program that is currently in place through WUL QZ09-092 additional groundwater monitoring wells will be installed and monitored as part of routine monitoring for the Lucky Queen and Onek mine sites. It is proposed that one well at Lucky Queen be installed downgradient of the Lucky Queen adit discharge and N-AML waste rock facility. It is proposed at Onek that one monitoring well be installed downgradient of the new Onek deposit being mined in this project. The monitoring wells will be installed and sampled a minimum of twice prior to mining operations to establish baseline groundwater quality conditions. The proposed monitoring wells will be monitored on a quarterly basis. These additionally monitoring wells will be incorporated into the water licence and adaptive management plan.

Effluent Quality Standards

Effluent Quality Standards (EQS) for underground and development activities at the Bellekeno mine under WUL QZ09-092 are listed in 5-10. The EQS in place for Bellekeno under QZ09-092 are being proposed for the new Lucky Queen and Onek (Table 5-10). The discharge from the Onek 400 water treatment plant will be under the criteria listed in QZ06-074(Table 5-11) and the EQS will be ultimately determined by the Water Board. The Onek and Lucky Queen mines will also become subject to the MMER, which specifies authorized discharge limits of deleterious substances for a number of set parameters.

Table 5-10. Proposed Effluent Quality Standards for Lucky Queen and Onek Mines

Parameter	Maximum Concentration Grab Sample (QZ09-092)
pH	6.5 – 9.5
Suspended Solids	25 mg/L
Ammonia Nitrogen	5.0 mg/L
Arsenic (Total)	0.1 mg/L
Cadmium (Total)	0.01 mg/L
Copper (Total)	0.1 mg/L
Lead (Total)	0.2 mg/L
Nickel (Total)	0.5 mg/L
Radium 226	0.37 BQ/L
Silver (Total)	0.01 mg/L
Zinc (Total)	0.5 mg/L
Acute Toxicity Testing	
96-hour Rainbow Trout	Non-Toxic LC_{50} (100%)

Table 5-11. Proposed EQS for Onek 400 Level Adit Discharge

Parameter	Maximum Concentration Grab Sample (QZ06-074)
pH	6.5 – 9.5
Suspended Solids	25 mg/L
Ammonia Nitrogen	-
Arsenic (Total)	0.5 mg/L
Cadmium (Total)	0.05 mg/L
Copper (Total)	0.3 mg/L
Lead (Total)	0.2 mg/L
Nickel (Total)	0.5 mg/L
Radium 226	-
Silver (Total)	0.1 mg/L
Zinc (Total)	0.5 mg/L
Acute Toxicity Testing	
96-hour Rainbow Trout	Non-Toxic LC_{50} (100%)

6 FIRST NATIONS AND STAKEHOLDER ENGAGEMENT

Since the decision was made in the late summer of 2011 to proceed with additional proximal sources of ore for the Keno District Mill, Alexco has actively engaged stakeholders to present detailed information about the project, and to seek expression of any particular concerns raised. Alexco has engaged the FNNND, YESAB, regulators, and stakeholders on the proposed project. Table 6-1 summarizes the topics discussed and issues raised by the various stakeholders during the preliminary consultations undertaken as part of this application.

Although it is understood that formal opportunities for stakeholder consultation are embedded into the Yukon's modern regulatory regime, stakeholder engagement is sought prior to submission of projects by Alexco policy. In this manner, it is hoped that a more informed environmental review can result.

6.1 FIRST NATION OF NA-CHO NYAK DUN

Alexco has a signed Comprehensive Cooperation and Benefits Agreement (the "Agreement") that formally describes the nature of the relationship between it and the First Nation of Na-cho Nyak Dun ("FNNND"). The Agreement, signed on June 8th, 2010, recognizes both Alexco's mineral rights as well as FNNND's aboriginal rights, and sets out rights, obligations and opportunities for both parties.

Individual chapters in the Agreement include human resources (employment and training), contracting, a formal drug and alcohol policy, business contracting and business partnering opportunities, environmental issues and financial resourcing for the Agreement including legacy funding contributions. Implementation of the Agreement is formalized through regular Quarterly Implementation Meetings, wherein senior representatives of the parties meet to review all aspects of the two parties' interaction over the past calendar quarter, a forecast of upcoming opportunities such as contracts and employment, as well as upcoming regulatory events such as the amendments described in this document. All new job vacancies are posted on FNNND website to ensure opportunities are not missed.

Since environmental matters occupy prime importance with FNNND, the Agreement includes detailed discussion about respecting and protecting the environment, including enhanced opportunities for FNNND to be involved in environmental management of all operations, from mining through to closure and reclamation. The Agreement describes the process to be followed with respect to consultation around new or amendments to existing permits and licences. This process, called the Cooperative Engagement Process, mandates Alexco to engage FNNND earlier in the mine permitting process than they would otherwise be involved, giving them unique opportunity to provide input that may influence the intended course of action on any of the many aspects of project design. This process has been followed, and will continue through the permitting process for this application.

Table 6-1. Summary of Engagement Activities

Date (2011)	Location	Party	Representatives	Topics	Follow up/ Action
Aug 31	FNNND Government House, Mayo	FNNND Government	Dennis Buyck, Lands and Resources Anne Leckie, Executive Director	• FNNND outlined their general position on development in their traditional territory. • FNNND explained that they would like to address with Alexco certain issues with the Cooperation Agreement between FNNND and Alexco. • Discussed general proposed project details. • Cooperation Agreement. • FNNND raised issues and concerns about the Dry Stack Tailings Facility and it proximity to and potential impact on the adjacent permafrost lens. • Discussed FNNND's involvement in development and review of assessment and regulatory applications and future engagement opportunities.	Meetings between Alexco and FNNND negotiators. Follow up with FNNND Technical Advisor to discuss the proposed project and address DSTF issues.
		Alexco / Access	Tom Fudge, Alexco Lauren Haney, Access Kai Woloshyn, Access		
Sept 28	EMR Oil & Gas Branch Boardroom, Whitehorse	YG EMR Minerals	Bob Holmes, Director Arlene Kyle, Licencing Officer Erin Dowd, Mining Technologist Judy St Amand, Regional Mining Lands Officer Tim Smith, Mining Lands Manager	• Presented the proposed project details and provided rationale. Explained that Lucky Queen and Onek will provide flexibility and risk reduction by providing alternative ore sources. • Briefly discussed the broader context of district-wide licencing and associated district-wide management plans and mitigation strategies. • Discussed ore and waste rock characterization, waste rock disposal/ management, material balance, tailings characterization • Discussed proposed permitting timeline. • Existing waste dumps and mine drainage at Onek may need to be addressed. • Security will need to be updated. • Discussed liability issues and ensuring that liability between Alexco and THE FEDERAL GOVERNMENT is dealt with. It was noted that liability could affect the scope of activities proposed in the YESAB and regulatory submissions. Liability also affects closure mitigation and security. • Briefly addressed the reclamation and closure plan for Lucky Queen and Onek. • Water Board Secretariat indicated that it will review the Water Use Licence amendment application prior to formal adequacy review upon issuance of a Decision Document.	Development of "Licencing Analysis" outlining proposed amendments to WUL and QML. Development of assessment and permitting timeline. Further engagement on project scoping.
		Yukon Water Board Secretariat	Carola Scheu, Manager Neil Salvin, Licencing Officer Jennifer Logan, Licencing Officer		

Date (2011)	Location	Party	Representatives	Topics	Follow up/ Action
		Alexco / Access	Brad Thrall, Alexco Rob McIntyre, Alexco Lauren Haney, Access	• Noted the significance of having BK experience to show that management plans, treatment systems, etc work. • Explained that there is no plan to move the mill at present. • Discussed the new bypass road and it was noted that a Water Use Licence could be triggered if culverts are required. • Discussed the volume of material to be submitted and it was agreed that to the extent possible the submissions should be concise. • Noted that future amendments to increase the overall ore volume may be required. • Discussed project scoping generally and MLU/QML and WUL amendment requirements. • Discussed scope of advanced exploration activities and what should be included in YESAB submission. Also discussed which exploration activities might be included in the QML versus the MLU Approval.	
Sept 28	Access Office, Whitehorse	FNNND	Kim Winnicky, Technical Advisor Bill Slater, Technical Advisor	• Informal meeting • Preliminary introduction to proposed project. • Discussed general project details and key issues, including waste rock tonnages and management; ore/tailings characteristics. • Alexco confirmed commitment to begin Cooperative Engagement Process immediately	Arrange formal meeting when additional project detail available.
		Alexco	Brad Thrall, Alexco Rob McIntyre, Alexco Lauren Haney, Access		
Oct 5	YESAB Mayo Designated Office, Mayo	YESAB Mayo Designated Office	Loralee Johnstone, Manager	• Presented general project details and assessment/licencing timelines. • Discussed the importance of Alexco's experience with Bellekeno and considered inclusion of a "lessons learned" section on water quality/discharge, water management, dust management, noise, tailings characteristics and management, waste rock management. • Noted that Keno residents have engaged Chief Medical Officer Brendan Hanley to address dust and noise issues on their behalf. He will likely be a part of Adequacy Review. • Indicated that site liability issues should be dealt with before starting the assessment process. Liability issues are likely to come up during the assessment process. • Discussed project scoping at length. Scoping is likely to be a key issue for this assessment. Discussed further scoping meetings involving YESAB as well as regulators. • Suggested a section outlining what activities are included within the scope of the assessment and which are not, plus rationale. • Noted that YESAB will scope maximum tonnages. Also noted that YESAB will now consider viable options in the assessment process.	Ensure YESAB participation in future scoping discussions with regulators. Update YESAB on any significant changes to proposed project scope.
		Alexco	Brad Thrall, Alexco Lauren Haney, Access		

Date (2011)	Location	Party	Representatives	Topics	Follow up/ Action
				• Explained that Alexco is considering treating the Onek 400 level adit discharge. • Briefly discussed district-wide assessment and licencing and management protocols. • Discussed the bypass road. Raised issues of traffic volumes, erosion mitigations. • Suggested improvements to maps and figures of the mine plan to help conceptualize underground workings. • Discussed volume of information to be submitted to the assessment.	
Oct 24	Access office, Whitehorse	Keno Residents	Dirk & Tracy Reintmeister	• Discussed access to Wernecke/Sign Post and continued use of the road to Onek/Lucky Queen. • Suggested knocking top off of berms during winter for snowmobile/dog sled use. • Identified that fuel trucks and large transport will be routed through town until the bypass road is in place. • Discussed dust control in town. • Concerned about the use of jake breaks on trucks coming down from Lucky Queen and noise if we plan to use the highway trucks for ore transport. • Concerned about blast vibrations from Onek and discussed some form of communication/protocol to notify of blasting times. • Expressed concerns about how the heritage process is working and involvement of Keno residents. Suggested developing a working group for heritage discussions. (This issue pertains to Keno Hill Silver District Care & Maintenance undertakings)	Consider options to maintain resident access to Wernecke and Sign Post Roads and discuss further with residents.
		Alexco	Brad Thrall, Alexco Rob McIntyre, Alexco		
Oct 24	Access Office, Whitehorse	FNNND	Kim Winnicky, Technical Advisor	• Discussed baseline ABA work on tailings from testwork at Onek/LQ. • Suggested installing a piezometer at the base of the waste dump that the existing Onek PAML storage facility is built on. • Suggested humidity cell tests for tailings from Onek/LQ. • Highlighted the importance of training opportunities for FNNND in the permitting/assessment/field stages.	Review of YESAA submission documentation.
		Alexco	Brad Thrall, Alexco Rob McIntyre, Alexco		
Oct 24	Village office, Mayo	Village of Mayo	Mayor and Town Council Scott Bolton, Chris Pavlovich, Michael McGuinness, Trevor Elliss	• Discussed proposed project including timelines. • Indicated that Mayo has a need for demolition of an existing building with asbestos. Contractor quotes are significant, inquired whether Alexco assist or interested in assisting. • Alexco committed to reviewing capacity internally to determine potential to assist; • Expressed general support for the project. • Question where solid waste was to be transported, and Alexco confirmed none will be shipped to Mayo	-
		Alexco	Brad Thrall, Alexco Tom Fudge, Alexco Rob McIntyre, Alexco		
Oct 25	Keno City Café, Keno City	Keno Residents and Community	Mike Mancini Daniel Schuenemann	• Presented Lot 960 letter of commitment and discussed generally.	Another meeting round in Keno.

Date (2011)	Location	Party	Representatives	Topics	Follow up/ Action
		Club	Greg Keitel Gil Bradet Jordan Theriault	• Concerned about maintaining access to Wernecke and Sign Post Roads and continued use of the road to Onek/Lucky Queen. • Discussed brushing a separate trail next to the road for winter use and/or an existing trail. • Inquired as to whether the mill is not now considered to be a district-wide mill. • Discussed the size of the potential water treatment plant at Onek.	
		Alexco	Brad Thrall Tom Fudge		
Nov 9	AlexcoHead Office, Vancouver and teleconference	YESAB Mayo Designated Office	Loralee Johnstone, Manager	• Discussed the only significant change to the proposed project scope: treatment of Onek 400 level adit discharge. Discussed the issues around which water licence the activity will fall under. • Discussed the stakeholder engagement activities conducted to date and further engagement activities planned. Addressed some of the specific issues raised during the stakeholder meetings, including resident access to/use of Wernecke and Sign Post Roads, noise and dust. • Addressed potential socio-economic effects on Mayo, which are anticipated to be minimally negative and there are potential benefits such as jobs and population growth. • Addressed dust specifically and Alexco explained that the dust report was sent to Brendan Hanley, but no response has been received.	Follow up meeting with regulators on scoping and to review draft licencing analysis.
		Alexco	Brad Thrall, Alexco Lauren Haney, Access (by phone)		
Nov 22	EMR Minerals Branch Boardroom	EMR Minerals	Bob Holmes, Director Arlene Kyle, Licencing Officer Erin Dowd, Mining Technologist Judy St Amand, Regional Mining Lands Officer Tim Smith, Mining Lands Manager	• Confirmed the scope of the project and the assessment. Discussed the sequencing of project activities. • Discussed approach to addressing project elements that are outside the scope of assessment in terms of providing appropriate rationale. • Addressed how to assess and licence a range of ore and waste rock tonnages. The Water Board suggested using "combined" water use rate terminology from placer mining Water Use Licence applications. • It was noted that having several applicable Decision Documents is confusing and it was suggested that Alexco provide a table in the application that cross references activities with their applicable Decision Document. • YESAB and the regulators reiterated the importance of clearly describing THE FEDERAL GOVERNMENT versus Alexco liability within the application documents. • Discussed including information on the performance of existing management plans and key facilities (e.g. DSTF). • Discussed YESAB's approach to Adequacy Review and YESAB indicated that they would solicit input from regulators. The Water Board confirmed that it could participate in a limited capacity. • Discussed whether the proposed early mill rate increase from 250 tpd to 400 tpd is an assessable activity and should be included in the scope of the assessment. • Identified and discussed water sources for each deposit.	Bob Holmes to get back to Alexco on the early mill rate increase.
		Yukon Environment Water Resources	Jon Bowen, Manager		
		Yukon Water Board	Neil Salvin, A/ Manager Jennifer Logan, Licencing Officer		
		YESAB	Loralee Johnstone, Manager, Mayo Designated Office Jennifer Anthony, Manager, Whitehorse Designated Office		
		Alexco	Brad Thrall, Alexco		

Date (2011)	Location	Party	Representatives	Topics	Follow up/ Action
			Rob McIntyre, Alexco Lauren Haney, Access Kai Woloshyn, Access	• The Water Board inquired about the stability/integrity of the existing waste dumps at Onek with underground blasting below them. • Discussed the Onek 400 level adit discharge treatment system. • Discussed potential effects on local residents. • It was noted that the Monitoring & Surveillance Plan is out for review with Environmental Health/ YG Environment	
Nov 22	Yukon Environment	Yukon Environment Water Resources	Jon Bowen, Manager, Water Resources Troy Searson, Water Inspections Officer Diane Gunter, Manager, Environmental Affairs	• Discussed details of the Onek 400 adit discharge treatment plant. • Discussed regulatory options for addressing the Onek 400 adit discharge treatment plant.	-
		Alexco	Brad Thrall, Alexco Rob McIntyre, Alexco		
Dec 6	Mayo Mining Inspections Office	EMR	Bill Leary, Senior Natural Resources Officer	• Discussed the scope of the proposed project. • Discussed potential effects on local residents – especially in terms of maintaining local residents' access to Wernecke and Sign Post Roads. • Addressed public access on active mining roads in the Lucky Queen and Onek area, as well as appropriate explosives storage locations on site.	-
		Village of Mayo	Scott Bolton; Trevor Elliss		
		YESAB	Loralee Johnstone, Manager, Mayo Designated Office		
		Alexco	Tom Fudge		
Dec 6	Access Consulting Group Boardroom, Whitehorse	FNNND	Dennis Buyck, Lands and Resources Kim Winnicky, FNNND Technical Advisor Jim Cassey, BGC	• Discussed use of the DSTF for Lucky Queen and Onek tailings. • Discussed BGC's technical review of the DSTF. • Addressed future tailings storage requirements for the Keno Hill Silver District.	-
		Alexco	Brad Thrall, Alexco Justin Pigage, EBA		
Dec 6	Mayo Curling Rink Lounge	Mayo community	-	• Discussed general aspects of the proposed project. • Distributed project information overviews with maps and contact information.	-
Jan 18	Access Consulting Group Boardroom, Whitehorse	Health & Social Services	Brendan Hanley, Chief Medical Officer Benton Foster, Manager, Environmental Health	• Discussed the Project Proposal in terms of adequacy of the information. • Addressed adequacy of dust monitoring. Discussed covering the crusher, or alternative methods. • Env Health indicated that they are going to establish independent monitoring. The monitoring program is to be developed by an out-of-territory consultant – Health Impact Assessment. • Potential human health impacts in terms of cumulative effects were discussed.	-
		Alexco	Brad Thrall, Alexco Rob McIntyre, Alexco Lauren Haney, Access Kai Woloshyn, Access		

Date (2011)	Location	Party	Representatives	Topics	Follow up/ Action
			Ethan Allen, Access	• Discussed participation of Environmental Health in the YESAA process generally. They solicited Health Canada for input.	
Jan 19	EMR Oil & Gas Branch Boardroom, Whitehorse	EMR Minerals	Arlene Kyle, Licencing Officer Judy St Amand, Regional Mining Lands Officer Tim Smith, Mining Lands Manager	• Discussed adequacy of Project Proposal and Adequacy Review period process. • Reviewed main sections of Project Proposal.	-
		YESAB	Loralee Johnstone, Manager		
		Alexco	Brad Thrall, Alexco Rob McIntyre, Alexco Lauren Haney, Access Kai Woloshyn, Access		
Feb 20	Access Consulting Group Boardroom, Whitehorse	Environment Yukon	Diane Gunter, Environmental Assessment Analyst Bob Truelson, Water Resources	• Discussed generally whether certain questions would be addressed during the assessment or licencing stage. • Addressed information requirements required for Adequacy Review. • The Waste Rock Management Plan was discussed and in particular, the WRMP's performance in terms of the effectiveness of N-AML/P-AML classification. • Implications of the project for groundwater quality were discussed. Onek 400 adit discharge treatment and liability were discussed. • Closure issues were addressed. Alexco explained that the QML requires the Closure Plan to be updated every 2 years and that an updated Plan was just accepted by EMR. • Environment Yukon raised questions about pyretic tailings.	Send Annual Reports directly to Wayne Kettley Forward Information Request Response directly to Environment Yukon/Water Resources
		Alexco	Brad Thrall, Alexco Rob McIntyre, Alexco Lauren Haney, Access Kai Woloshyn, Access Scott Davidson, Access		
Feb 20	Access Consulting Group Boardroom, Whitehorse	Environment Canada	Benoit Godin John Miller	• Discussed Environment Canada's questions about the Dry Stack Tailings Facility – general operations; • Geochemical implications of combining Lucky Queen, Onek and Bellekeno tailings. • Application of the Waste Rock Management Plan was discussed and specifically operational issues around misclassification of some P-AML material. • Discussed tailings streams and related mill processes. • Mine site liability was discussed; in particular, liability associated with Onek and treatment of the historic Onek 400 level adit drainage. Alexco agreed to keep Environment Canada apprised of the company's discussions with AANDC. • Discussed the possible connection between the Onek old and new workings and implications for local groundwater. • Discussed scope of the project and some clarifications that are required in the Project Proposal. Also discussed licencing considerations in terms of which Water Use Licence would incorporate certain activities.	-
		Alexco	Brad Thrall, Alexco Rob McIntyre, Alexco Lauren Haney, Access Kai Woloshyn, Access Scott Davidson, Access		

Date (2011)	Location	Party	Representatives	Topics	Follow up/ Action
Mar 13	Teleconference	AANDC	Robert Lauer Lou Spagnuolo Jason Berkers	• Discussed the possible connection between the historic Onek workings and new workings, and implications for local groundwater. • Addressed Onek Mine site liability; in particular, liability associated with water treatment of the historic Onek 400 level adit discharge. • Discussed potential adaptive management responses to Onek 400 adit discharge.	AANDC and Alexco will continue to discuss Onek liability and water treatment on Tuesday March 20th.
		Alexco	Brad Thrall, Alexco Jim Harrington, Alexco Kai Woloshyn, Access		
Mar 23	Access Consulting Group Boardroom, Whitehorse	FNNND	Kim Winnicky, Technical Advisor	• Reviewed FNNND's comment submission, date March 12, 2012. • Generally discussed provision of detailed information on the project during the assessment and licencing process.	Alexco to provide written response. Alexco to provide additional detail on the Reclamation and Closure Plan, as well as the Onek 400 level discharge treatment facility.
		Alexco	Brad Thrall		

7 SOCIO-ECONOMIC EFFECTS ASSESSMENT AND MANAGEMENT

The socio-economic effects assessment considers potential effects of the Project on the following valued components:

- Community Health & Well-being
- Land and Resource Use
- Local Economic and Human Resources
- Heritage Resources

7.1 COMMUNITY HEALTH & WELL-BEING

Addressing potential effects on community health and well-being is of key importance given the proximity of the proposed project to Keno City. During the Bellekeno Mine assessment and licencing process, Keno City residents and YESAB raised concerns about possible impacts on community health & well-being in terms of dust and noise generation, as well as mine traffic considerations.

7.1.1 Noise

During the Bellekeno Mine assessment process (YESAB Project #2009-0030), Keno City residents raised concerns about noise from construction and mining activities. In addressing these concerns, YESAB conducted a noise assessment and recommended mitigative measures to address associated potential significant adverse effects. The general conclusion of the impact assessment in the YESAB Evaluation Report noted that although the estimated noise levels fell within the middle of the range for what is socially acceptable for daytime construction (63dB), some minor health effects were possible given the relatively quiet ambient levels. YESAB suggested practices for noise source controls, noise path controls, noise receptor controls and other mitigations in order to "minimize and alleviate the effects so they are no longer considered significant."

The following terms and conditions were included in the project Decision Document:

> *65. Conduct a noise impact study prior to project implementation. The study must aim to achieve the following:*
>
> *a. Analyze baseline conditions during conditions of low ambient noise.*
> *b. Calculate the potential noise emissions from all activities that generate significant noise.*
> *c. Calculate the noise emission level that the closest receiver may experience due to those activities. Consideration must be given to local environmental conditions (e.g. terrain, temperature inversions, and downwind conditions relative to sensitive receivers) and proposed mitigations.*
> *d. Calculate the cumulative noise emission of this project in combination with existing and proposed activities (e.g. care and maintenance, Keno City).*

66. *Develop a noise abatement and management plan based on the results of the noise impact study. The plan must aim to achieve the following:*

    a. Identify appropriate measures to reduce noise emissions.
    b. Incorporate these measures into project design and implementation.

67. *Upon commencement of each block of operations (e.g. crusher; bypass construction; ore traffic), a verification study will be conducted. This will consist of continuous monitoring over a two week period. Monitoring will aim to capture the ambient noise levels at sensitive receivers, inclusive of what the project is contributing. If unacceptable noise levels are identified further measures to reduce the noise levels are required.*

The QML stipulated that a Noise Abatement Plan be developed, which "describes methods to reduce and control noise levels for the mill facility and the transportation of ore to the mill along the Lightning Creek Bypass Road, the Duncan Creek Road and the Christal Lake Road" (QML-009 Schedule B).

Alexco conducted a preliminary baseline sound monitoring study in 2009 and the results were incorporated into the Noise Abatement Plan submitted in November 2009 under the QML[7]. This study characterized the baseline noise conditions at several locations in and around Keno City and the project sites.

Alexco established eight sound monitoring locations as a result of Bellekeno project assessment and licencing (Figure 7-1). Alexco monitored sound levels during construction and initial operations as per licence requirements. Alexco's studies determined there was not a significant increase in noise levels during the Bellekeno development and initial production period at any of the Keno City monitoring sites. They also found that noise levels measured at all testing locations, including the mill site, were within the 50-90 dBA range deemed to be socially acceptable for daytime noise limits. The crushing plant does not operate and trucks are not hauling from 7pm to 7am.

Alexco commissioned a third-party technical review of the noise monitoring studies, which found that the Bellekeno mine not exceed 40 dBA Leq during the nighttime and 50 dBA during the daytime. Noting that Yukon does not have specific noise guidelines in place, the third-party reviewer indicated that the results of Alexco's studies appear to be in compliance with the British Columbia and Alberta guidelines for daytime permissible noise levels (50 dBA). The consultant recommended specific guidelines for conducting further noise surveys, including longer sampling periods, which Alexco will incorporate into the monitoring measures outlined below.

[7] Available on YG Energy, Mines and Resources website at http://www.emr.gov.yk.ca/mining/pdf/mml_bk_noise_abatement_plan.pdf

7.1.1.1 Effects Characterization

This scope of this assessment includes noise generated at the Lucky Queen and Onek mine sites, and haul truck traffic to and from the sites.

Noise from the Mine Sites

At the Lucky Queen and Onek mine sites, noise will be generated by several sources, including site traffic and backup alarms, blasting, ventilation fans and earth moving. Noise levels are likely to be comparable with current levels at Bellekeno. Lucky Queen is expected to be far enough away from Keno City with a considerable forest barrier to not result in significant noise level increases within the community. Onek is much closer to the community and noise from the site may be heard in town. Most of the noise at the Onek mine site will be generated at the Sign Post Portal Bench which is further from Keno City than the rest of the Onek site. There will be some intermittent noise associated with trucks hauling P-AML waste rock to the Onek P-AML Waste Rock Facility on the northeast side of the site. The treatment system at the Onek 400 level adit will generate minimal noise as the equipment will be housed in a small building.

Alexco proposes the following measures to address potential effects associated with noise generation:

- Onsite mobile equipment at Onek around the surface portal will be limited to the day shift period (6am to 7pm) as much as practical.
- Blasting near the surface at Onek will only be conducted during the dayshift period (7am to 7pm) and a community notification protocol will be developed.
- An earth berm will be constructed on the southwest borders of the Sign Post Portal Bench to act as a sound barrier and to deflect noise away from Keno City.
- Alexco will continue to conduct noise level monitoring in the community at the existing stations. There is baseline noise data for Onek available from the existing monitoring stations at the Onek 400 level adit and Onek pit. If noise complaints are received, Alexco commits to working with the stakeholders to address the issues. If warranted, Alexco will consider installing an additional monitoring station at the northeast corner of the community near Onek.



Aerial photography flight date: July 13th 2006. Ortho-rectification produced by Challenger Geomatics Ltd. Mill pond spatial data obtained from Y.E.S. Mill structures. dry stack tailing facility featureas and haul road surveyed by Alexco personnel December 2010.

Datum: NAD 83; Map Projection: UTM Zone 8N

1:7,000 *When printed on 8.5 by 11 inch paper*

0 50 100 200 300 400 Meters

- Sound Monitoring Location
- Ore Haul Road
- DSTF As-Built Dec 2010
- Mill_PickUp_Liner_Polygon
- Cleared Area

AKHM

ACCESS

BELLEKENO PROJECT

FIGURE 7-1 CONSTRUCTION AND INITIAL OPERATIONS SOUND MONITORING

DRAWN BY JP	AUGUST 2011	VERIFIED BY : EA

I:\ALEX-05-01\Bellekeno\GIS\mxd\Permitting\Sound_Monitoring\2011\Sound_Monitoring_20110805.mxd (8/5/2011/14:53 PM)

Noise from Mine Traffic

As Section 2.5 describes, an average of approximately 15 roundtrips per day using 15 t trucks will be required to haul ore from Lucky Queen and Onek to the mill. Some light traffic will also be required. Figure 2-10 shows the routing.

The ore haulage from Onek and Lucky Queen will offset some of the tonnage that would have been sourced from Bellekeno. It was anticipated that the number of haul trips per day would increase from an average of roughly eight trips per day to 14 when the mill production rate increases to 400 t/d; however, with Onek and Lucky Queen, only eight to 10 haul trips per day from Bellekeno are anticipated at when production reaches 400 tpd.

The North Side Bypass Road will be constructed in early 2012 to avoid mine traffic through Keno City, which will help significantly to reduce noise within the community. The access point along Wernecke Road has been sited as far from residents as possible, while staying within the boundaries of Lot 960 and abiding by regulated sight line distance requirements.

Alexco proposes the following mitigations to address the noise associated with mine traffic to and from Onek and Lucky Queen:

- Haul trucks will only operate during the day (7am to 7pm). Periodic use beyond these hours may be necessary based on weather and operational conditions.
- Avoid the use of engine breaks in the vicinity of Keno City
- Lucky Queen and Onek Mine traffic management protocols will be incorporated in the Traffic Management Plan under QML-009.

7.1.2 Dust

Dust generation and associated impacts featured prominently during the Bellekeno assessment and licencing process and continue to be an important ongoing operational issue. Dust effects from the crushers, DSTF, and the tailings and concentrate load out areas were assessed previously and required mitigative measures have been incorporated into project licences.

Dust monitoring and management continues through implementation of the recently updated Monitoring and Surveillance Plan under the QML-0009[8]). There are currently four dust monitoring stations situated around

[8] Available at YG Energy, Mines and Resources website at http://www.emr.gov.yk.ca/mining/pdf/mml_bellekeno_monitoring_and_surveillance_plan_revision_1.pdf

the mill site (see the Monitoring and Surveillance Plan, Figure 2). Alexco employs a two-stage monitoring system, in accordance with the Decision Document provisions for dust monitoring:

> *69. Monitoring dust conditions is an important step in controlling dust impacts. Simple TSP (dustfall) monitoring is a simple and inexpensive way to determine dust deposition at the sampling locations. This test can be done at the site by the proponent with little cost or training necessary.*
>
> *70. If warranted by initial dustfall measurements indicating TSP concentrations in excess of 150 micrograms per cubic metre (the BC Air Quality Objectives and Standards Level A criteria) at the fence line, the proponent shall conduct more sophisticated monitoring with high volume samplers and re-evaluate and improve dust suppression techniques to achieve the TSP objective.*

Results summarized in Appendix P indicate that the highest dust deposition rate measured was over an order of magnitude below the trigger for the Phase 2 sampling.

7.1.2.1 Effects Characterization

Potential sources of dust associated with the proposed project include fugitive dust emissions from the Lucky Queen and Onek mine sites, and from the haul roads. Alexco will continue to implement the Monitoring and Surveillance Plan will help to mitigate the potential effects associated with increased dust emissions at the mill site due to the project.

Alexco also proposes to implement the following measures to control dust from the project:

- Dust will be controlled by application of water as necessary and/or use of non-petroleum dust suppressants (e.g. Calcium Chloride).
- Where possible, progressive reclamation measures, such as revegetation, will be implemented to help stabilize the soil and control dust.

If Keno residents raise concerns about dust from Onek and/or Lucky Queen, Alexco will work with the stakeholders to identify additional mitigation options.

7.1.3 Vibrations from Underground Blasting

Keno City residents raised concerns about underground blasting at Onek and whether the blasting vibrations might be felt in their homes. Although Alexco is of the opinion that it is unlikely the vibrations will be perceptible by residents, it is very difficult to definitively predict. It is possible that vibrations from blasts in the underground workings closest to the community may be felt in Keno City.

In order to address the uncertainty in characterizing this potential effect, Alexco proposes to work closely with the residents to determine whether underground blasting is affecting them. All residents will be notified when blasting is to begin and directed to contact an assigned Alexco representative if the vibrations are perceptible. Periodically, as the underground workings are developed closer to the community, residents will be notified and asked to contact the representative if there are any issues.

If blasting vibrations affect residents, Alexco will implement certain mitigations, such as:

- Working with the residents to determine appropriate blasting timing windows.
- Notifying the residents of blasting.
- Grouping blasting events to the extent possible to reduce the frequency of disturbance.

7.2 LAND AND RESOURCE USE

The regional land use within the Keno Hill Silver District has evolved from a long history of occupation and development. Significant development activity and local population fluctuations have historically occurred in the area. The general area is utilized for several purposes by a variety of users. Figure 7-2 depicts some key land and resource uses. Regional land use has been influenced by the following activities:

- the area has been utilized by First Nations for thousands of years;
- a variety of anthropogenic activities have occurred throughout the region including both hard rock and placer mining, forestry, hunting and gathering, transportation, recreation and residential;
- the project footprint lies within Registered Trapline Concession (RTC) #82; Lucky Queen is near the border of RTC#83;
- the sites lie within outfitting Concession #7;
- numerous historic mining related structures exist in the general area and are of interest to local community groups and government; and
- the area is known and used for recreational pursuits and has potential for tourism development.

This section addresses: recreation and tourism; First Nations subsistence harvesting and traditional use; sport/ commercial hunting, fishing and trapping; and mineral development.

In general, potential effects on land and resource use resulting from the project are not anticipated to be significant, because Lucky Queen and Onek are situated within the area of existing historic disturbance, minimal footprint expansion is proposed, and Lucky Queen and Onek represent relatively small scale operations. There has been increased activity at both Lucky Queen and Onek recently due to exploration activities at the site.

Recreation and Tourism

Keno City residents expressed concerns about maintaining access to Wernecke and Sign Post Roads and intersecting trails during the winter, which some use for dog sledding, snowmobiling, skiing, snowshoeing, etc. Residents suggested levelling berms at access points to ensure snowmobile and dogsled passage. It was also suggested that a trail be established adjacent to the roads as alternate access for recreational users. Alexco recognizes that mitigations may need to be scoped into the assessment and any trail developed would be less than 1.5 m wide. To date, a mitigation strategy has not yet been determined. Alexco commits to

continuing to work with Keno City residents to determine appropriate mitigations and ensure their access and recreational use is maintained, while maintaining public safety as a first priority. Tourists generally drive from Mayo, through Elsa, to Keno City and may travel up the Wernecke or Sign Post Roads. Potential effects on recreation and tourism are characterized in terms of aesthetics and public safety.

The mine sites are not anticipated to significantly affect the visual aesthetics of the area because they are existing sites currently in active use by Alexco and the footprint extension is minimal. The visual disturbance of mine traffic to and from the Lucky Queen and Onek sites is expected to be minimal, because the traffic will be routed along the private controlled North Side Bypass Road, which limits the amount of traffic on the Silver Trail Highway, Wernecke Road and Sign Post Road. The North Side Bypass Road has been routed to limit mine traffic traversing these roads (traffic will have to travel along the Silver Trail Highway for a short distance); however, mine traffic will cross them.

Risks to public health and safety result from access to the active mine sites and interactions with mine traffic along public roads. Signage will be posted at the site access roads to Lucky Queen and Onek prohibiting the public from entering the mine site and warning of the dangers.

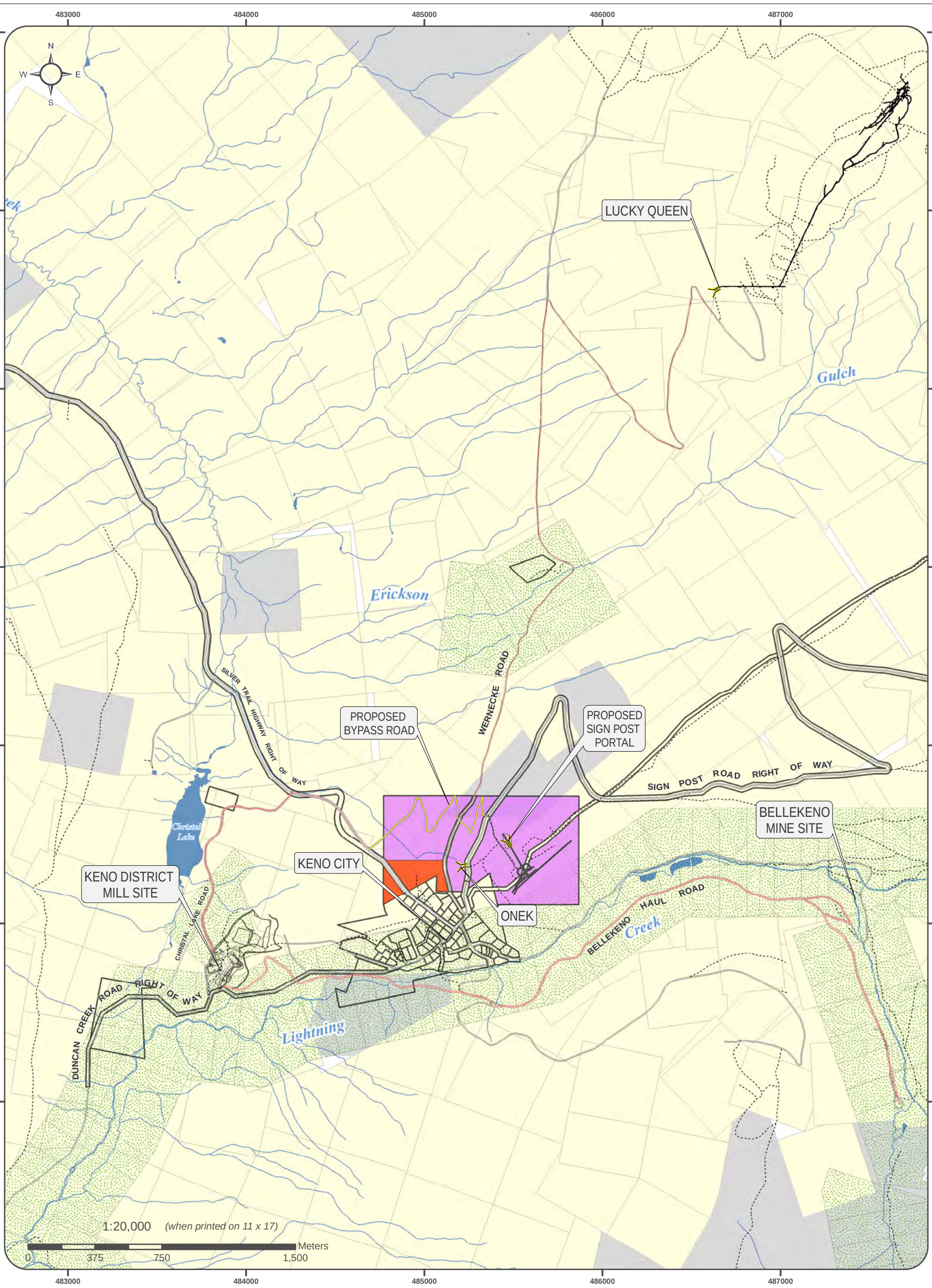
As Section 2.5 describes, there will be stop signs to stop mine traffic at the intersections with Sign Post Road, Wernecke Road and the Silver Trail Highway. The line-of-sight distance requirements of YG Highways & Public Works Transport Branch and the *Highway Access/ Works within a Right-of-Way* permits will be adhered to in order to ensure public and worker safety.

Signage warning of crossing/turning mine haul trucks will be installed along Sign Post Road, Wernecke Road and the Silver Trail Highway in accordance with the requirements and direction of YG Highways & Public Works Transport Branch officials.

The North Side Bypass Road will be a radio controlled road accessible to mine traffic only. Signs will be installed at the road access points prohibiting public traffic from traveling on it. The maximum speed limit will be 40 km/h, reduced to 20 km/h at blind corners and road crossings.

First Nations Subsistence Harvesting

The proposed project is not anticipated to impact traditional harvesting pursuits. While First Nations subsistence harvest in the general region, the Keno Hill area is not known to be of particular importance for this purpose, most likely because of the high level of activity on the property. There is no settlement land in the vicinity of the project area. The project includes activities on two existing historic sites with minimal footprint expansion. There is currently noise and traffic at both sites associated with exploration activities. Potential impacts on traditional pursuits were not raised during First Nation and stakeholder engagement for the project.



Proposed Bypass Road
Haul Road
Christal Lake Road
Highway
Local
Track
Watercourse
Waterbody
Land Parcels/Dispositions
Lot 960
Lot 960 Sublot
Placer Claim & Lease
Other Quartz Claims
Alexco Quartz Claims

Notes: The current extent falls within the Single Trap ID #82 and Outfitting Concession ID #7.

This map is for illustrative purposes only. This is not a legal document. Quartz claim boundaries are current as of August 1, 2011. Placer claim boundaries are current as of August 29, 2011. Land Disposition data obtained from EMR Lands, current as of April 28, 2011. Data Source: http://geomaticsyukon.ca Site hydrography and contours derived from 2006 aerial imagery obtained from Aero Geometrics, Calgary Alberta.

Datum: NAD 83; Projection: UTM Zone 8N

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ALEXCO

ACCESS

ALEXCO KENO HILL MINING CORP.
ONEK AND LUCKY QUEEN

FIGURE 7-2

LAND AND RESOURCE TENURE ONEK AND LUCKY QUEEN

DRAWN BY JP	DECEMBER 2011	VERIFIED BY LH

I:\Keno_Area_Mines\ONEK\Maps\2_Permitting\YESAB_DEC2011\Fig7-2_ONEK_LQ_Landuse_20111215.mxd
(*Last edited by: jpan;12/16/2011/14:34 PM*)

Sport/Commercial Hunting, Fishing and Trapping

Very limited sport/commercial hunting or trapping is conducted in the Keno Hill Silver District, likely because of the high level of mineral development activity and general use of the area.

The project sites lie within RTC#82, which is currently unassigned (though FNNND have expressed interest in the trapline), and near RTC#83, assigned to Christine Hager. Alexco is aware of some trapping on Galena Hill, but otherwise trapping in the district is limited. The project is not anticipated to affect trapping. Alexco personnel will continue to be instructed not to disturb trapping equipment or activities.

Lucky Queen and Onek lie within hunting outfitting concession #7, operated by Rogue River Outfitters. The outfitter is not known to use the site area, and impacts on outfitting activities are not anticipated.

There is some fishing in the area; however, neither Lucky Queen nor Onek are near or likely to impact watercourses or waterbodies and consequently, the project is not anticipated to affect fishing activities.

Mineral Development

Alexco owns the majority of quartz claims in the Keno Hill Silver District; however, there are some third-party claim blocks in the vicinity of the project area. There are also several placer claims in the area. Alexco has interacted with other mineral development users for several years and is of the opinion that continued communication will address any issues concerning claim holders.

7.3 LOCAL ECONOMY AND HUMAN RESOURCES

The economy of Keno City is based on tourism and mining. Tourism has been described as a small but growing economic sector. In addition to the Keno City Mining Museum, which provides excellent historical perspective on the Keno Hill Silver District, a population of butterflies also exists in the region and attracts interested individuals. The “signpost” viewpoint on Keno Hill Summit also attracts numerous tourists throughout the summer months.

The economy of Mayo is linked to the provision of services to the people of Mayo and the surrounding areas. One third of the jobs in the community are related to government services, including First Nation and territorial administration. Placer mining and mineral exploration and development also provide an economic base for the community. Construction also provides considerable employment to Mayo residents. Tourism in the Mayo area is a growing industry. Accommodations, food services, recreation services (i.e. guiding and outfitting) and retail cater to tourists and provide employment for local residents. Tourist attractions in the area are linked with the history of mining around Mayo and Keno City. Camping and hiking, hunting and fishing, and other outdoor pursuits comprise the activities undertaken by tourists in the area.

The Mayo Official Community Plan outlines local economic conditions and describes community priorities: “Mayo's economy is presently based on its role as a regional administrative and service centre, mineral exploration and placer mining and tourism. In addition, traditional activities play a large role in the community's economic life. Diversification and stabilization of the regional economy remains a community

priority" (2006, p. 11). The Mayo Official Community Plan recognizes opportunities for local economic diversification in terms of supporting mineral exploration and development, expanding the local service sector, maximizing the use of the local labour force and reducing dependence on outsiders to fill local employment opportunities.

In cooperation with industry (developers/companies), the FNNND Development Corporation is establishing a number of training, work, and apprenticeship programs in the community. The First Nation works toward participation in land developments in their traditional territory and employs many FNNND citizens.

7.3.1 Economic and Employment Opportunities

Alexco's operations in the Keno Hill Silver District have provided numerous economic and employment opportunities to local and regional people and businesses. Alexco currently employs 70 Yukoners and 15 Mayo residents and FNNND citizens on site. Alexco has entered into joint venture partnerships through the FNNND Development Corporation and has retained local contractors to provide a variety of services. The current mine contractor that will be developing the Onek and Lucky Queen mines is a FNNND joint venture company. The Comprehensive Benefits and Cooperation Agreement between FNNND and Alexco guides the creation of business development and employment opportunities for the First Nation.

Production at Onek and Lucky Queen is expected to create an additional 35 positions: 12-13 miners, four electricians, four mechanics, four supervisors, and 10 ancillary personnel. To the extent possible, Alexco intends to source these positions locally or regionally. Under the Comprehensive Benefits and Cooperation Agreement between FNNND, Alexco notifies FNNND about new job postings as part of the company's internal posting procedure.

7.4 HERITAGE RESOURCES

The general area has rich historical significance and is characterized by numerous historic/ heritage resources, largely related to past mineral development. As part of the UKHM Closure Plan, Elsa Reclamation Development Company (ERDC) is developing a district-wide heritage plan in consultation with stakeholders, including YG Heritage Resources, FNNND, the Silver Trail Tourism Association, the Binet House Museum, the Village of Mayo, Keno City Mining Museum, Keno City and AANDC.

Adverse effects on heritage resources are not anticipated. New footprint development that could result in impacts on heritage resources includes development of the North Side Bypass Road, and the extension of the waste rock dump at Lucky Queen. In order to mitigate potential significant effects of the project on heritage resources, Alexco proposes to implement the existing Heritage Resources Protection Plan developed under

QML-0009[9]. The Plan outlines specific response and notification protocols and mine site personnel training to protect heritage resources. Alexco will engage stakeholders and proposes to invite local residents and interested parties on a ground truthing exercise to confirm the North Side Bypass Road routing.

[9] Available on YG Energy, Mines and Resources website
http://www.emr.gov.yk.ca/mining/pdf/mml_bk_heritage_resources_protection_plan.pdf

8 DECOMMISSIONING, RECLAMATION AND CLOSURE

This section presents preliminary plans for decommissioning, reclamation and closure. Alexco has in place an approved Reclamation and Closure Plan (RCP) for the Bellekeno Mine including the mine and Keno District Mill facilities. Financial security for implementation of the Bellekeno RCP is fully posted with Yukon Government and the plan is scheduled to be updated every two years.

As indicated in Mineral Resources' "QML Clarification, February 3, 2012" (#2011-03150-17-1): *the Reclamation and Closure Plan will have to be amended to include the new project areas and associated facilities; the financial liabilities will also have to be amended.* In response to FNNND's questions, Alexco is currently developing a Conceptual Reclamation and Closure Plan (RCP), which will be finalized in the near-term. The Conceptual RCP will be based on the existing comprehensive and approved Bellekeno RCP, which will require relatively minor adjustments to incorporate reclamation and closure of Lucky Queen and Onek, as site environmental and geological conditions, as well as mine development and production methods are sufficiently similar to Bellekeno. Furthermore, the closure objectives that guide the selection and refinement of reclamation and closure measures are consistent among all three sites. A Draft Reclamation and Closure Plan, refined through the outcomes of the assessment process and ongoing engagement with FNNND, regulatory agencies and stakeholders, will be submitted as part of the WUL and QML applications.

8.1 CLOSURE OBJECTIVES

Closure objectives established in the Bellekeno RCP will be incorporated into the closure of the Onek and Lucky Queen mines. To ensure that the overall closure philosophy can be achieved, the following primary closure objectives were emphasized during the development of the Bellekeno RCP and will be continued for the update of the Lucky Queen and Onek RCP, Protect Public and Worker Health and Safety, and Protect and Restore the Environment by:

- incorporating progressive reclamation where possible;
- providing slope stabilization and erosion control on linear and non-linear disturbances;
- ensuring long-term chemical stability of the waste rock storage areas and components constructed from waste rock to minimize effects to downstream aquatic resources;
- ensuring the long term physical stability of materials placed into the dry stack tailings facility;
- ensuring the long-term physical stability of key structures such as the dry stack tailings facility, portals, waste rock storage facilities, and access roads;
- conducting post closure monitoring of the site and adaptive management to assess effectiveness of closure measures for the long term;
- Ensure Land Use Commensurate with Surrounding Lands;
- Ensure Meaningful Participation of the FNNND;

- Ensure Cost Effectiveness; and
- Realize a Walk-away Closure Scenario.

These closure principles and objectives work to ensure both physical stability and chemical stability of the site in the long term and are reflective of the guidelines derived from the YG's Reclamation and Closure Policy. The effectiveness of closure measures implemented at the Bellekeno Mine will be the subject of review by regulatory agencies and under the Yukon Quartz Mining Act; the company would be able to apply for a certificate of closure from the Yukon Government once there is agreement with their effectiveness.

Closure objectives can be considered in terms of the following key areas:

- (geo)chemical stability;
- water quality;
- physical stability; and,
- land use, aesthetics and public health and safety.

At closure the facilities for which physical stability must be addressed will be the portals, waste rock storage areas, any access roads not decommissioned, mill pad, and dry stack tailings facility.

8.2 MINE CLOSURE MEASURES

There are only minor amendments and adjustments necessary to the Bellekeno RCP to incorporate development activities at Onek and Lucky Queen. The same closure measures associated with the Bellekeno mine will be transferred and used for closure of similar facilities at Onek and Lucky Queen.

8.2.1 Closure Objectives

The objective for decommissioning the Onek and Lucky Queen mine infrastructure is to ensure: (1) physical stability (2) chemical stability of any mine discharge (3) that there are no threats to public health and safety, and (4) that the mine area is reclaimed such that it is aesthetically acceptable.

8.2.2 Closure Measures

Closure of the Onek and Lucky Queen mines will include restricting access and identifying and removing hazards and hazardous materials. Concern regarding physical stability of infrastructure at closure will be mitigated for the most part through disassembly and removal from the site, and by eliminating underground access. Additional chemical stability objectives will be associated with any soil contamination by fuel, chemicals or other wastes in the areas around the portal and treatment system. Since both mines are above the groundwater table and not expected produce a long term mine pool and discharge, water management and treatment is not currently anticipated.

At closure, underground equipment will be removed from the underground mine through the respective portals. The portal will remain temporarily accessible at closure for the rehandling of P-AML waste rock back into the underground. The portal entrances will be blocked by inserting rock fill to protect human health and safety and prevent wildlife access. This method, in use at other northern Canadian mines, allows for movement of water and air through the opening, as well as allowing for any movement of rock walls, to prevent failure as would occur with a concrete plug for example.

Reclamation of the portal sites will include removal of the surface facilities and other buildings (e.g. explosives and cap magazine). Fuel tanks will be cleaned and removed along with liners for reuse or landfilling. Any additional debris will also be removed for reuse or proper disposal. All solid waste will be disposed of in accordance with the Yukon Environmental Act Solid Waste Regulations. Alexco has a permitted commercial solid waste facility located in Elsa. All waste petroleum products and any other special waste, as defined in the Special Waste Regulations will be disposed of in accordance with the Regulations. Any soil contamination will be documented through a final site contamination assessment. Contaminated soil will be removed and/or remediated in an approved manner. A land treatment facility has been constructed near the Elsa Valley Tailings Facility for remediation of such soils for district closure, and can be used for remediation of any hydrocarbon contamination at the Onek and Lucky Queen mines. The portal sites would then be recontoured and scarified to facilitate revegetation and establish drainage. Signage will be installed to indicate the portal presence.

8.3 WASTE ROCK CLOSURE MEASURES

Waste rock extracted from the Onek and Lucky Queen mines will be characterized according to industry standards laid out in the Waste Rock Management Plan. Waste rock is identified as being one of the following types: (a) potentially acid-generating (P-AML) (b) non-acid-generating (N-AML). Waste rock is separated according to its acid-generation potential and stored in a manner protective of the environment.

8.3.1 Closure Objectives

During operations and at closure, the physical and chemical objectives for the waste rock storage facilities and disposal areas are erosion control, geotechnical stability and geochemical stability.

8.3.2 Closure Measures

P-AML waste rock from mine development activities will be placed in a lined waste rock storage facility (WRSF). The facility design ensures containment of waste rock, runoff and infiltration.

Rock that is not potentially acidic or metals-leaching (N-AML), will be deposited in a waste rock disposal area (WRDA) as described in Section 3-4.

Permanent P-AML WRSF

WRSFs for P-AML waste rock will be constructed in accordance with the approved engineered designs. Waste rock placement protocols will be developed with closure measures in mind to ensure that at closure, when all waste rock is in place, that minimal recontouring will be necessary. The final facilities will be recontoured as necessary to ensure its long-term stability.

The facilities will be covered with a total 0.5m depth cover consisting in the bottom portion of low-permeability borrow material to minimize infiltration of meteoric water. The top potion of the cover shall consist of growth medium that will be seeded to promote vegetative growth.

In the event that water accumulates in the bottom of the P-AML before cover placement, it will be pumped using a vacuum truck and transported to a water treatment plant for treatment.

Non-AML WRDA

In order to further increase stability and improve aesthetics, Alexco will recontour the WRDA by pulling the crests back with an excavator followed by scarification and revegetation of the flat surface of the WRDA. The final overall (crest to crest) slope of the WRDA will be 3H:1V.

8.4 ROAD CLOSURE MEASURES

All roads either developed new or reconstructed/upgraded from existing roads will be subject to standard road decommissioning and reclamation measures at closure, these roads include:

- the newly constructed North Side Bypass Road;
- the upgraded road from above the Wernecke turn off to Lucky Queen;
- the upgraded access road to the Onek portal;

These roads will be resloped and scarified, culverts removed and seeded in areas where erosion control is necessary.

8.4.1 Closure Objectives

The primary consideration for the physical stability of roads at closure will be slope stability where culverts have been removed and intermittent drainage channels have been established through the road alignments which could lead to localized erosion.

8.4.2 Closure Measures

Standard road decommissioning and reclamation measures at closure include culvert removal, resloping banks and removal of the safety berm to reflect the natural topography as well as provide stability, and

surface scarification to encourage natural revegetation). Regrading/contouring the roads will ensure that runoff sheds off the road surface. Localized seeding will take place where erosion control is necessary.

9 PROJECT ALTERNATIVES

There are several project alternatives that were considered in developing this Project Proposal. Each of these are further described and rational for the final alternative selection is discussed.

Pursuing advanced exploration at Onek and Lucky Queen

An alternative to the advancement of Onek and Lucky Queen into production is the interim step of advancement exploration. This approach would require amendment of the AML and WUL to allow the necessary activities of advanced exploration to proceed. The activities required under advanced exploration are also required for production of these two deposits, including the development of the Onek portal and decline and the construction of the Lucky Queen footwall drift and exploration drilling. Alexco has developed increased confidence in its understanding of the geological models and resources from surface exploration that an interim phase of advanced exploration is not necessary and would add unnecessary time and cost to the project schedule.

Development at Silver King

Advancing Silver King to advanced exploration and production at this time is a project consideration and alternative. The current condition of the underground mine at Silver King requires dewatering and adit rehabilitation prior to entering the decline and additional exploration drilling. The time required to dewater the Silver King mine and rehab the SK 100 adit would add significant time (at least one year) to the overall schedule and therefore is not included in this project proposal. WUL 06-074 allows dewatering and rehab activities to proceed and therefore these tasks are not necessary in this project proposal and can move forward under current authorizations.

Alternative Locations for Onek Portal and Decline

Alternative locations for entering the Onek deposit were considered, presented and discussed with the community of Keno City. A new decline entering from the Lightning Creek drainage into the Onek deposit was considered. This approach however would result in an incline rather than a decline and long term water management from adit discharge could be an issue. The structural geology of that alternative was not acceptable as it would cross a schist unit that would increase the overall geotechnical risk of that alternative. In addition, the potential portal entrance for the Lightning Creek side would have potentially interfered with the local placer operation in terms of access and dual operations.

Consideration was given to rehabilitating the Onek 400 adit as the primary access into the new Onek deposit. The current geotechnical condition of the adit is highly deteriorated and would require significant rehabilitation, beyond the cost of driving a new decline from the Sign Post Portal alternative. Current adit drainage and historic ice plugs would present additional water management risk and liability. The Onek 400 adit is also directly across from local Keno City residents and the increase in noise and industrial activity within such close proximity was considered not acceptable by Alexco.

Use of Current Road System for Ore Haulage

The use of the current Wernecke road that crosses Lot 960 and into Keno City would be a project alternative for long term access and ore transport to the Keno District Mill. This alternative was discounted after discussions with Keno City residents where significant concern was raised not only during the permitting of the Bellekeno mine but for traffic impact on Keno City for Onek and Lucky Queen. Alexco considered the transport of ore through Keno City was not acceptable based on previous consultation and commitments. There will be an interim period when equipment and materials will be transported through Keno City during the construction of the North Bypass Road but this is an interim and short term measure.

Limited Resource Development

The scope of the proposed Project includes mining a limited amount of the mineral resource of Lucky Queen and Onek. Mining the full resource at each deposit was not proposed in part because insufficient environmental information exists at this time to support assessment and licencing applications in terms of appropriate baseline data and environmental protection measures.

10 REFERENCES

Access Mining Consultants Ltd. 1996. United Keno Hill Mines Limited – Site Characterization, Report No. UKH/96/01.

Interralogic, Inc. (October 27, 2011). Keno City Groundwater Evaluation – DRAFT Technical Memorandum. Prepared for Access Consulting Group. (Appendix O)

Lortie, G, Febuary 2009. Current State of Wildlife in the Keno Hill Silver District.

Ward, R., O'Donoghue, M., and Fraser, V. 2006. Mayo Moose Management Unit, Summary of Early Winter 2006 Moose Survey. Yukon Fish and Wildlife Branch, Department of Environment, 14p.

Minnow Environmental Inc. 2008. Water Quality Assessment Report for United Keno Hill Mines.

Minnow Environmental Inc. 2011. Draft Approach for Developing Water Quality Goals for United Keno Hill Mines.

Appendices – under separate cover

Appendix A

Table of Concordance – Incorporation of Information Request Responses into Revised Project Proposal (refer to YESAB Online Registry Document #2011-0315-021, 022 & 023 for response submission)

YESAB Adequacy Review Information Request – Feb 2, 2012	Project Proposal Reference
1. Figure 2-2 does not present the groundwater table, nor is it discussed in relation to its proximity to the existing adit at Lucky Queen, please provide this information and describe the potential for interaction from groundwater with the mine workings.	Sec 5.2
2. It's stated on p.58 that background water quality is elevated in some metals, however it does not describe what metals and how much they are elevated compared to relevant guidelines. Please provide the results of a complete metals scan for the Lucky Queen water quality. Please include a discussion regarding ammonia concentrations that may be associated with underground workings. a. Please provide a discussion on anticipated ammonia concentrations and any required mitigation technology to be employed.	Sec 5.5.1 & 5.5.2
3. Table 5-4 compares select metals to the Canadian Drinking Water Quality Guidelines. Zinc is not included in this table, please provide a rationale for why zinc was excluded from the table, as well as a discussion of the results and any mitigation measures.	Table 5-5
4. Please describe the hydrogeologic connection (if any) between Flat Creek and the well site planned for the flat creek camp. Please identify where the aquifer/groundwater source is and whether the groundwater is known to recharge the surface water of Flat Creek at any point in the year. Please provide effects characterization and mitigation for withdrawal from the groundwater wrt impacts on Flat Creek if relevant.	Section 5.3.3
5. Section 5.3.2 speaks to Onek underground development, including anticipated water usage. It is indicated that groundwater will be used to augment water supplies. Please indicate what is known of the groundwater quality at Lucky Queen and Onek sites? To what depth must the groundwater well be placed to meet the necessary withdrawal rates, and what is the rate of recharge to groundwater? Additionally, please provide any mitigation measures regarding groundwater use and water withdrawal.	Table 5-3 & 5-4 Sec 5.3.1 & 5.3.2
6. P.65 references meteoric infiltration, however does not provide quantities, please indicate annual anticipated meteoric infiltration. P. 65 references a water storage/settling pond at Onek, prior to Sign Post Portal development. Please indicate how much water will be stored in the pond, the pond construction, location, liner etc. Such details are required to assess potential environmental impacts associated with the water storage pond.	Sec 5.4.1
7. Please clarify whether the old workings at Lucky Queen are above the groundwater table. It is assumed that this is the case, however, the application does not indicate at what level the water table is found, and therefore what depths works can be performed to without interacting with the water table. (p.69 reference)	Sec 5.4
8. It is stated on p.70 that water treatment will meet the licence standards associated with the historic mines in the district. Please clarify what is meant by this statement and why it is not possible (if this is the case) to not meet possibly higher standards. Additionally, please provide those standards and describe how they were determined.	Sec 5.3.1
9. The Onek mine operations at max production will require 90m3/day of water, however no contingency or possible effects have been identified should the mine operations not be a max production and 15.58m3 of water/day is infiltrating the underground workings. Please provide further discussion and effects characterization as well as any necessary mitigation measures. P.70	Fig 5-7, 5-8 & 5-9
10. Please indicate how the water treatment plant is incorporated into the Onek operations. Will Onek's water from new works and activities be processed through the water treatment facility or is it only for historic adit discharge. P.71	Sec 5.2 & 5.5
11. The description of the lime treatment system at Onek does not include details regarding plant design. Please provide additional design details to enable a thorough assessment of the proposed treatment system.	Appendix N

YESAB Adequacy Review Information Request – Feb 2, 2012	Project Proposal Reference
12. Please provide a map localizing stations listed in Table 5-2, including Station KV-8, and the Galkeno 300 and Galkeno 900 sites mentioned on page 56 of the Project Description.	Fig 5-1
13. Please provide water monitoring data for all stations listed in Table 5-2. These data should include water quality monitoring for parameters cited in the water use licence Table 5, as well as any flow data.	Appendix L
14. Please provide a copy of the Minnow (2008) report referred to in Section 5.1.3 of the Project Description.	Appendix M
15. Please provide tailings water quality data for Onek and Lucky Queen Tailings.	Sec 4.1
Waste Rock Management/ Characterization	
1. Please provide the estimated surface areas for the each of the waste rock storage facilities.	Sec 2.1
2. Please provide results for the full ICP metals analysis for the geologic test materials.	Appendix I Sec 3.4.2
3. If available, please provide kinetic test data, such as humidity cell results, for the geologic materials.	Sec 4.2
4. AKHM proposes to use the BelleKeno Waste Rock Management Plan (WRMP) to segregate P-AML waste rock form N-AML waste rock. Section 3.1 states that in 2010, 2024 t (3.68%) of waste rock originally classified through field testing as N-AML was shown through geochemical testing to be P-AML. AKHM reports that graphic schist was initially difficult to accurately classify in the field. They further state that the screening program has been updated with a focus on measures employed to confirm classifications, especially in excavation areas containing graphic schist. Please provide details on these changes and any confirmatory testing to demonstrate that these amendments are improving the accuracy of field screening be presented within the main body of the proposal.	Sec 3.1
5. The alternate P-AML WRSF locations or a set of criteria which would be applied to selecting alternative P-AML sites should be included in the proposal for assessment.	Sec 3.4
Health & Safety/ Traffic	
1. What is the total percent increase in mine traffic with the two new deposits being brought online, please describe. Additionally, please indicate why 15t highway trucks are used with greater number of trips rather than larger trucks to reduce the overall number of trips. Currently the application proposes (p.27) that there will be 15 round trips/day for the two new deposits. This translates to a mine truck passing a point on the road once every 1.25hrs, or a total of 18,250 truck trips to and from the mill site/year (including mine traffic from Bellekeno). This carries a high carbon footprint, as well as potential for impacts to residents, tourists and other users of the land. Please describe in sufficient detail mitigations that are proposed to offset the carbon footprint, and reduce impacts to the area due to truck traffic.	Sec 2.5.1
2. It is requested that AKHM clarify if the trucks are to be covered while transporting ore.	Sec 2.5
New Access	
1. No mitigations have been identified or provided, nor effects characterization for the land use and resources. Please provide a summary of mitigations and indicate whether a trail will be built, or what alternative is currently being discussed/ considered. (p.89).	Sec 7.2
2. Please describe the length of the necessary interim period for traffic to pass through Keno City. (p.99)	Sec 2.5.1

3. Please provide clarification on construction of the proposed North Side Bypass Road intended to provide mine-related access to the Onek and Lucky Queen facilities. As described in Section 2.5.2 Road Development and Traffic Management Issues, the current routing does not cross or come within 30 m of any watercourse or water body. Within the same document however, Figure 2.7 shows the proposed road crossing a water course. Given this apparent inconsistency in the document, and in order to understand the potential effects of the project on fish and fish habitat, the proponent should provide clarification of the proposed road routing. Should water crossings be a component of the proposed project, please provide additional information related to characteristics of the watercourse (e.g., width, depth, riparian vegetation, etc…), hydrology, characteristics of the proposed crossing structure (i.e., bridge or culvert), construction timing and techniques, and fish usage of the watercourse or water body in question.	Sec 2.5.2 & Fig 2.7
Other	
1. Table 2-4 "Project timeline" does not include the timelines associated with the installation and operation of the water treatment facility or with the construction of the Waste Rock Storage Areas. Please provide a revised table 2-4 that speaks to the timelines for all project components and all phases of the project.	Table 2-4
2. Permafrost is mentioned on p.18 of the application; however no mitigations for working in permafrost or potential slumps or failures due to permafrost presence are discussed in the application. Please address how construction and operation will address presence of permafrost.	Sec 2.11
3. Please clarify power usage, and whether the fuel stored onsite at Onek and Lucky Queen is intended for the diesel generators. Additionally, please clarify if the upgrades to the Onek substation are considered part of this application.	Sec 2.7
4. What is the approximate length in meters of ditches, berms, etc to be constructed onsite at Onek as well as Lucky Queen?	Sec 5.5.3
5. AKHM states that approximately 55,000 t of road building material will be sourced from the existing waste rock dump at Onek. Section 2.2 states that there are several thousand tonnes of low grade ore stockpiled on the tops of the Onek waste (rock) dumps. It is requested that further details on if and how the low grade ore will be segregated from the waste rock, and where it will be stored.	Fig 1-3 & 2-6 Sec 3.4.2.1
6. Please provide details regarding what fluids/substances may be associated with each mining method, and discuss any anticipated environmental impacts and associated mitigative strategies.	Appendix E
Project Components	
1. There are currently no details in the proposal regarding the construction of the temporary stockpiles provided: ie. is the area to be lined; will surface water diversion structures be constructed; will the stockpile be covered to minimize water infiltration. Finally, no details on how this area will be addressed at closure are presented. Such details are required to assess the potential impacts on soil and groundwater. a. Please also include details on any mitigation measures that would be implemented to minimize impacts to surficial soils and how this mine component will be addressed at closure.	Sec 2.4.6
2. Section 2.4.1 states that ore will be dumped from rocker dump muck cars at the trestle and transferred to standard end dump haul trucks. No further details regarding ore transfer, designs for this location, or closure plans at this location are provided. As with the temporary ore stockpiles, such details are required to evaluate the potential environmental impacts of this mine component. a. Please also include details on any mitigation measures that would be implemented to minimize impacts to surficial soils and how this mine component will be addressed at closure.	Sec 2.4.6
Closure Plans	
1. Closure plans for major mine components including the temporary ore stockpiles, ore transfer area, water treatment facility and water settlement/storage ponds are required.	8

2. Please respond to the concerns raised by Environment Canada (Doc 2011-0315-008-1), Client Services & Inspections (Doc 2011-0315-011-1) and Environment Yukon (Doc 2011-0315-14-1). A follow up technical meeting will be scheduled prior to your information response. The purpose of this meeting will be to give an opportunity to Environmental Health and Assessment and Abandoned Mines to provide comments and to better understand the key concerns.	Various – see below

Table of Concordance – Incorporation of Regulator Adequacy Review Comments into Revised Project Proposal (refer to YESAB Online Registry Document #2011-0315-021, 022 & 023 for response submission)

Regulator Adequacy Review Comments	Project Proposal Reference
Environment Yukon/ Water Resources	
1. In light of the above discussion and with the statement on page 36, Section 3.1; the proponent should include "water quality data" that confirms the WRMP creates clean "neutral metal leaching" dumps. This could be accomplished through monitoring of water quality off existing N-AML waste dumps or including water quality data from site field testing, etc.	Sec 3.1
2. No new data or discussions have been provided (since the application of water licence QZ09-092) on the waste rock dumps or the plan itself. New data and discussion should be included in this project proposal to help assess the effectiveness of the proposed WRMP mitigation.	-
3. Due to low predicted infiltration volumes the new Onek underground development water is expected to drain (exfiltrate) to the existing Onek 400 level. At closure, this adit level discharge will be the subject of a different water licence QZ06-074.	Sec 2.1
4. Post closure, it is possible to conclude that with the predicted adit flows and recent water quality data from Lucky Queen there will have relatively little effect to water quality at closure. However, this comment is not based only on modeling of future drainage, but only on relative site conditions: low flow from adit during closure-predicted flow from new workings (0.5 L/s), present water quality meeting water licence limits, most of newly developed ground in N-AML, 3 km from surface receiving water, and being in a mineralized area with elevated background.	Sec 5.5.1
5. Water Licence QZ09-092 Section 20 limits the deposit of tailings from the pyretic removal circuit in the mill to only below static water level at the Bellekeno Mine. If the proponent is proposing to deposit these pyretic tailings above the static water level in Onek or Lucky Queen then that information and effects to water quality should be presented. The proposal does not distinguish between tailings and pyretic tailings for deposit underground at Onek and Lucky Queen.	Sec 4.2.1
6. There is a lack of scientific rationale to demonstrate water quality post closure (e.g. water quality modeling should have been done to predict project effects to receiving waters to define significance). Is there still a walk-away scenario, if concentrations and flows happen to be higher than expected? It appears probable, but is not definitive.	Sec 5.5
Environment Canada	
1. Assessment and Regulatory Context - The proponent does not provide the appropriate picture of the situation. For example there is overlap with the Care and Maintenance water license which needs to be explained further within the context of this project. Additionally, what is the significance of the Onek water treatment plant under this application and necessary changes to the care and maintenance licence? Better information and clarity about these complex and legally-tied relationships need to be provided.	Sec 2.1.2
2. Project and assessment scope - The proponent needs to provide a better explanation of total wastes produced, and accounting for waste materials needs to be better defined between each mine site. This is important in the context of existing infrastructure.	Fig 2-1, Tables 3-2 to 3-5

3. Scope of the Assessment; and Table 2.2 - Activities Outside the Scope of the Assessment - Both tables & sections exclude the Dry Stack Tailings Facility (DSTF). The company is proposing to use ore from the Onek and Lucky Queen underground mine developments in the present mill (licensed for Bellekeno mine development ore) and discharge tailings from that activity to the DSTF. The processing of ore from these deposits (and subsequent discharge of waste tailings from the Onek and Lucky Queen ore feed) is germane to this proposal: excluding the deposit of Onek and Lucky Queen tailings to the DSTF from the scope of the assessment is not consistent with Section 42(l)(b) of the Yukon Environmental and Socioeconomic Assessment Act that indicates that all stages of the project or existing project need to be considered. There are long term open-ended questions in regard to the new tailings that need to be addressed from a geochemical stability standpoint: the fate and effects of contaminants are fundamental to the EA evaluation. Furthermore although this proposal is an expansion limited on an administrative limit, it is understood that the mine will expand in the near future to accommodate the extra ore. For example, what is the potential expandability of the DSTF should the proponent maximize extraction of ore from each of the mine locations? We don't feel that this should be discussed later.	Sec 2.1.1
4. Activities Outside the Scope of the Assessment -It doesn't seem reasonable for the proponent to make the statement that the Onek drainage currently will not be affected in anyway by the proposed activities. Such a statement completely disregards any indication of the nature of the fractured bedrock groundwater regime in Keno, as discussed by the proponent in section 5.2. The proponent should provide a thorough groundwater investigation which includes all significant transport pathways such as the several faults mentioned throughout the documents.	Sec 2.1.2
5. Mine Site Liability - Considering that new waste rock from the proposed workings are going to be emplaced onto and around the existing waste rock piles, how is liability going to be differentiated between AANDC and Alexco? The proponent needs to provide adequate information that will objectively allow differentiation of liability between the project owner/operator and the federal crown.	Sec 2.1.2
6. Lucky Queen Deposit, page 20 - There has been no evidence presented within the documents to suggest that the currently proposed workings will have no connection with old workings. This is a fault/fractured bedrock groundwater system, and no characterization of water transport has been presented to support the proponent's position that there will be no interaction between the old workings and the new workings. Information that would verify the lack of groundwater connectivity between old workings and new workings is required. Section 2.4.1 - Lucky Queen Deposit - The section describes the historical volume of ore extracted from the deposit. There is no indication as to the current volume of ore reserves identified from that deposit.	Sec 2.10
7. Onek Deposit, page 23 - Again, there has been no information presented by the proponent to suggest that the new workings / new project will have no effect on the old workings, particularly with the existing drainage from the Onek adit. Information that would verify the lack of groundwater connectivity between old workings and new workings is required.	Sec 5.2
8. Onek Deposit, figure 2-4 - There is no supporting information for this figure in regards to the assumed groundwater table. The conceptual figure would suggest that the present Onek portal does not flow, which is not the case. The company needs to provide supporting information for the groundwater table in the Onek deposit.	Sec 5.2
9. Onek Deposit - The section describes the historical underground workings from the deposit. There is no indication as to the current volume of ore reserves identified from that deposit.	Table 2-1
10. Power requirements and generation - We could find no information on fuel storage plans for the on-site generators. Is there an emergency response plan covering fuel delivery systems, etcetera for the generators?	Sec 2.10
11. Fuel and Hazardous Material Management - There is no substantiation of what " ... manage appropriately ... " means in terms of managing fuel and other hazardous materials and responding to emergency situations. A spill contingency plan should be provided to substantiate the management approach.	Sec 2.10

12. Explosives - It isn't clear that the proponent has considered the release of nitrogen from explosives use to discharge from the underground operations. This should be commented upon with estimates of nitrogen release and comment upon mitigation measures.	Sec 2.10.1
13. Waste Rock Characterisation and Management - We note that description on the site geology and of major lithologic units in the main body to be incomplete, and the resulting discussion did not provide the full picture. Nowhere in the documents could we find representations of the lithologic sequence, nor were there any cross sections of the ore bodies and surrounding geological units in relation to the project development. Importantly, the document did not disclose information of structural geology in relation to the project development; the proponent did not identify the significant fault/vein structures that could control water transport. These information gaps should be provided and inconsistencies collected.	Sec 3.3
14. History and Performance of the Waste Rock Management Plan, page 37- Bellekeno waste rock field testing was shown to have significant errors for some waste rocks show did the proponent develop the initial screening protocol; what was the rationale used for discriminating between waste types as carried forward to the field methods; and what has been done to modify that protocol to accommodate for problems observed in the screening process? It isn't clear from the information provided in the document that the same screening tools and same screening criteria for Bellekeno for either of the other two proposed properties will work. More work needs to be done (notably with respect to metal leachate testing) to demonstrate that the field screening methods used for Bellekeno - or modifications and/or alternate methods – are sufficient to divert either potential acid-generating and/or metal leaching wastes to suitable storage. Given the observed screening errors from the Bellekeno experience, the proponent needs to demonstrate they can rely upon this or similar (or perhaps alternate) field screening for wastes from Onek and from Lucky Queen. The proponent discusses the issue they have observed with their screening methodology and particularly with the graphitic schist, which happens to be a significant portion of the waste rock material from Onek and Lucky Queen. These errors are likely due to doing a simple field "fizz" test on rock samples with significant siderite and ankerite proportions in the waste rock. The proponent should discuss how they would compensate for this simple field screening method where the presence of siderite and ankerite could undermine the test methodology and thereby determination of waste type. The proponent speaks to " ... robust feedback mechanisms ... " providing security to their WRMP design. The proponent should describe what these 'robust mechanisms' are?	Sec 3.1
15. The proponent should explain why there are discrepancies between the accounting of major lithologic units in the text of the main body of the report versus those listed in the attached appendices on deposits geology/geochemistry. Are there specific indications that the field screening may not work as well for some of the lithologic types? Bellekeno rock units / lithologies should be presented in this section for comparative purposes (and as that discussion relates to the field screening methods developed for Bellekeno).	Sec 3.3.1
16. While the proponent is clear in stating expected tonnages and volumes extracted from the two new underground developments, and appears to be similarly certain about the timing of each development in relation to on-going Bellekeno development (presented later in the document): it is unclear as to why the proponent is so uncertain about the volumes of potential ARD/ML wastes used as either backfill or needing additional above-ground storage facilities. The proponent needs to explain why the project contains significant uncertainty to significant components (ARD/ML wastes).	Sec 3.3.1
17. Lucky Queen Waste Rock Management - The proponent introduces the concept of storing Lucky Queen potential ARD/ML wastes in a new waste rock storage facility built to a generic design (" ... EBA's Typical Waste Containment Facility Design ... "): if a waste rock storage dump is anticipated then that information should be provided along with site investigation information and design details. Design measures to counteract physical and chemical stability should be detailed and full disclosure of anticipated impact to surface water and/or groundwater regimes discussed.	Sec 3.4.1

18. Onek Waste Rock Management - Similar to the above, the proponent is not clear as to their intentions with the final resting place for which types of rock, notably the potential ARD/ML waste, they will encounter as a result of the project going forward. This should be cleared up as there are different potential outcomes for the different suggested approaches. The proponent will need to demonstrate (for the entire project / both development areas) the potential metal loads reporting to the receiving environments for different exposures of the waste packages (e.g. as an addition to loadings from any new development feature such as would occur from the proposed underground development).	Sec 3.4.1 & 3.4.2
19. Historic Onek Waste Rock Dump as Borrow source - EC could not find the waste rock testing results within the project document for the historic Onek waste rock to support that these wastes can safely be used for construction purposes. For all wastes: information regarding sample location, field description, testing procedures (physical and geochemical), individual test results, and other pertinent information should be provided in order to support interpretations within the report and individual management decisions. The proponent should provide evidence that field testing is sufficient for the purpose of field screening and isolation of wastes; given the high siderite and ankerite content of the Onek waste rock (which would tend to overestimate readily-available neutralization). What type of testing/screening is contemplated to ensure that (assuming that individual waste types are chemically stable) Onek wastes exhibit the proper physical properties for the intended construction purposes? Is there any evidence to either support or refute that providing new exposures to Onek waste through removal of the top layer(s) may / may not result in physical and/or chemical instability for the remaining wastes at the borrow site?	Sec 3.4.2
20. Tailings Characterization and Management - How adaptable is the current DSTF design if all delineated ore materials for the three underground projects (Bellekeno, Onek, Lucky Queen) are utilized? If the fully-known ore reserve at the three project areas were to be developed, would there have to be alternate locations discussed for DSTF expansion?	Sec 2.1.1
21. Metallurgical Testing of Onek and Lucky Queen Ore - Similar to information needs expressed for waste rock samples: the proponent needs to provide full information regarding the drill core samples used in the metallurgical testing (and subsequently for tailings testwork), that is sample locations and intervals, sample descriptions / core logs, testing procedures, etcetera. For both programs (waste rocks and ore/metallurgy/tailings): suitable plan and cross-section diagrams should be provided to understand spatial/geological/structural relationships of the samples to the project areas / project development.	Sec 3.3 and 4.2
22. Metallurgical Testing of Onek and Lucky Queen Ore - The proponent states that testwork is not complete to allow for optimization. Usually results of locked cycle testing (including results of metal analyses of lixiviant) are included as a part of the assessment – this should be completed. Because milling/reagent optimization is not complete, the chemical makeup of the final mill waste is uncertain - this will have to be presented. Information regarding chemical/geochemical stability of the tailings should not be considered complete until all the supporting information (and including results from testing of most representative tailings sample/samples) is submitted.	Sec 4.1
23. Metallurgical Testing of Onek and Lucky Queen Ore, Table 4.1 - Because of a lack of information, EC is not certain if there were only 4 samples analyzed. This should be clarified. Relative percentage of Fe reporting from each stream should also be presented. Again, in the context of a need to provide supporting information as requested above; whole rock analysis of the ore and tailings sample(s) should be provided.	Sec 4.1
24. Onek and Lucky Queen Tailings Characterization - The proponent should describe the "standard" ABA analysis protocol used. In calculating NP: was there consideration of relative contributions from siderite and ankerite content of the ore materials to the tailings characterization? The proponent points to the benefit of low PbS in the proposed tailings: the proponent should speak to the significance of elevated sphalerite (i.e. ZnS) in Onek ore and tailings? Some ABA testing results are presented and interpretations from that, however the proponent does not provide information to understand the metal leaching (ML) capacity (e.g. under neutral drainage environments) for this waste material: this needs to be corrected. What are the primary carbonates?	Sec 4.2

25. Onek and Lucky Queen Tailings Characterization, Table 4-2 - There seems to be high sulphide content in the tailings from Bellekeno? Have the tailings from Bellekeno been depyritized as promised? What is the pyrite content for each of the ore sources / tailings? Overall there seems to be a reliance on the waste rock being PAG to describe for potential metal leaching. The drainage issues in the Keno region have mostly all been related to circumneutral drainage. A basic PAG assessment approach will not take this into account.	Sec 4, 4.2.1 & 2.1.1.1
26. Onek and Lucky Queen Tailings Characterization, Table 4-3 - The tailings characteristics are not completely the same. There appears to be much more Zn and Mn than Bellekeno tailings. Onek (adit) has historically also had issues with Cadmium that hasn't been found in Bellekeno to the same extent.	Sec 4.2
27. Bellekeno Tailings Characterization - There hasn't been a sufficient time period for the humidity cell testwork to make any analysis/interpretation or even broad assumptions of long term stability or metal leaching characteristics of the Bellekeno tailings. Additional testwork, especially for representative sample of the Lucky Queen and Onek tailings needs to be conducted. The applicability of various testing methods/regimes for these sample types should be discussed. Results from dissolved metals analyses needs to be presented in addition to data on pH and sulphate, for example.	Sec 4.2.1
28. Bellekeno Tailings Characterisation, Table 4-4 - The proponent needs to describe how the porewater samples were collected within the tailings facility. Was this a reporting of seepage to collection drains or results from extraction testing of tailings samples?	Sec 4.2.1
29. Lucky Queen Adit - The proponent suggests that elevated levels of zinc and cadmium measured in adit discharge were a result of underground activities and stirring up of sediments in the discharge water. Uncertainty could possibly have been cleared up by reporting also TSS and dissolved metals concentrations. There is no discussion regarding other metals of potential concern. The proponent should provide data for a full metal scan including both total and dissolved metals concentrations.	Sec 5.1.1, 5.5.1 & 5.5.2
30. Historic Onek 400 Level adit Discharge - The proponent should provide data/information to support their broad assumption on what happens to the drainage from Onek. Additionally, the full water quality dataset should be provided for this well-monitored station.	Sec 5.1.2
31. Christal Creek Catchment - The discussion would benefit from a plan map locating the referenced stations. Full water quality data (physical and chemical) should be provided in at least an appendix to the report.	Sec 5.1.3
32. Groundwater Conditions - The groundwater discussion is poorly supported due in large part to having to rely upon very minimal data. Groundwater from bedrock is compared to that from overburden with a lack of understanding regarding the connection between the two if it actually exists: this is shown in Table 5-3 where the groundwater in the bedrock wells is significantly different than the overburden wells. The proponent needs to place more emphasis on their analysis/interpretation and presentation of groundwater conditions.	Table 5-3 & 5-4 Sec 5.2
33. The groundwater work to date is insufficient to determine potential impacts on drinking water in the area. Additional information needs to be provided to understand this potential. In addition to presentation of physical and water quality data, the proponent should clearly describe the monitoring program/methodologies used.	Table 5-5 and Sec 5.2
34. Groundwater data from November 21, 2011 Sampling Event - Additional sampling events should be undertaken to smooth out the 'snapshot' and provide a more robust data. What is the cause of the high TSS measured in the wells? The sampling method/protocol needs to be described.	Sec 5.2.1

35. Concentrations of Parameters under Health Canada's Drinking Water Quality Guidelines at Wells in the Vicinity of Keno City - Reported parameters are as dissolved metals however there is no information regarding whether the individual well source is end of point use or has some form of treatment (s.a. filtration) in-line. Depending upon nature of the point source use (direct use or use following treatment): either total metals or dissolved metals are the appropriate comparison to the Health Canada guideline value - this should be cleared up. Additionally, the proponent should indicate whether consideration was given for testing of radiological parameters (e.g. Ra226 is required under the MMER). Why is mercury not reported?	Sec 5.2.1
36. Onek Mine Water Balance, page 65 - The proponent should explain how the proposed operating plan/project is intertwined with the current care and maintenance and closure planning process.	Sec 1.5
37. Characterization and Management of Potential Effects on Water- Lucky Queen Mine - The proponent should provide a better basis for their determination that the Lucky Queen workings won't be influenced by groundwater. Information/data should be provided to clearly support the proponent's assertions in this section. The proponent should provide supportive information to demonstrate that new activities / new development in Lucky Queen Mine won't result with adverse effects to water quality. Relying upon the past (or current condition) does not adequately predict the future.	Sec 5.5.1
38. Characterization and Management of Potential Effects on Water - Onek Mine similar to above, the proponent has not presented a valid case that additional development and exposure of additional mineralization in Onek underground won't result with an additional, unacceptable load of contaminants to the receiving environment. The proponent needs to present information to substantiate these claims.	Sec 5.5.2
39. Summary of Mitigation and Management Measures - The proponent is suggesting mitigation measures that have not been described or may potentially take place. The proponent for example proposes a possible new treatment system and retention infrastructure but has not defined the impact nor suggested any information about these mitigations, or of particular modifications to (an absent) water management plan and waste rock plans. The assessor need to have sufficient information about the proposed mitigation measures - structures, designs or plans - in order to evaluate effectiveness in reducing adverse environmental effects.	Sec 5.5.3
40. Proposed Monitoring and Effluent Discharge Standards - The proponent states that the" ... effluent discharge standards for the underground and development activities at the Bellekeno mine under WUL QZ09-092 are listed in table 5.8." Further in the discussion for this section, the document indicates that" ... thus, the amended Type A water licence for the mining and milling development and operations is expected to reflect MMER (Table 5-8)." While Table 5-8 includes MMER limits in the appropriate columns (plus a couple of extra parameters), the document did not include the entire list of discharge standards applicable to Water Licence QZ09:092. The proponent should include a column that reflects the current WUL QZ09-092standards.	Sec 5.5.3.1
41. Decommissioning, Reclamation and Closure - The proponent has not provided sufficient underlying understanding / supportive data of the project components and potential impacts to adequately explore the closure conditions for each area and component. For instance: the project does not explore the potential for metal release from newly exposed surfaces in the underground workings. There is general silence to decommissioning/reclamation/closure of the DSTF. The underlying questions need to be addressed first, and then defensible closure means developed as a result.	Sec 8 & 5.5
42. Waste Rock Closure Measures - As an example of where there is weakness in project approach and understanding: the proponent has not presented sufficient information to show that circumneutral waste rock will not leach metals as is typical in the Keno region. The site is not known as a PAG (acid rock drainage) issue site but rather as site characterized by NMD (metal leachate under neutral environment).	Sec 3
43. The proponent needs to expand upon the discussion of project alternatives.	Sec 9

YG EMR Client Services & Inspections	
DSTF: 1. Composition of the DSTF may be influenced from the addition of mixed sources of mill materials which reinforces the need to ensure structural stability of the waste water drainage beneath the pile from permafrost sagging. Note the recommendation below for possible means of confirmation.	Appendix D and Sec 2.1.1
Transmission line routing for the Lucky Queen development 2. Wernecke access road is indicated for the routing but not developed conceptually for line clearing or which side of the road being utilized. There is glaciation in the ditches on the uphill side for issues and possible conflicts for snow removal on the downhill side which need to be looked at for final placement and line clearing. The private lot location along the Wernecke road needs to be incorporated into placement.	Sec 2.7
Bypass route selection: Bypass route proposal-plans for traffic control and road maintenance plans for sign post road and Wernecke access. Switchbacks could be eliminated and separation from Keno could be readily maximized with different bypass route… 3. The route placement represented shows multiple switchbacks, blind corners and a section of the Silver Trail being utilized to get ore from Lucky Queen/Onek to the mill-this route was also not confirmed or engineered pending Keno resident input. Properly engineering use of the contours and local topography should eliminate blind corners in favour of gentle corners following the contours to the valley bottom and then development of the bypass route to the current mill road eliminating the Silver Trail use completely- Proposed bypass road should be engineered to avoid public highway routing except to cross-this would require a minor lengthening of the access development but separate the ore trucks from the public use of the Silver Trail beyond a crossing of the highway.	Sec 2.5.2
P-AML access: 4. Access development should be requested for access to the P-AML pads being proposed at Onek.	Fig 1-3 and Sec 2.1
Waste Burning at Valley Tailings: 5. Upgrade of open air waste burner required in Elsa valley for waste management to meet Environment Act requirements-should be an approved forced air burner	-
6. Location of additional P-AML site should be clarified for the environmental screening.	Sec 3.4.1 & 3.4.2
Wernecke Road: 7. There is a Wernecke road change proposal under water appl'n proposed (Mathias 2011-0316)-haulage requirements might need capability retention of the existing road structure as opposed to a bridge and realignment	-
Lucky Queen Rehabilitation: "Rehabilitation is currently underway at Lucky Queen by inspecting and replacing timber support as necessary with new ground support technologies for safe access" 8. What are the new support technologies?	-
Bypass Road: 9. Timing of bypass access should be developed first to accommodate little to no traffic through Keno…	Sec 2.5

Road Construction: 10. "As part of standard practice, the routing will be surveyed and engineering drawings will be developed to ensure the road is built to appropriate standards. Conceptual and construction engineering drawings will be provided to regulatory authorities as required." Should be provided to regulator as part of screening application-not after the fact.	Sec 2.5
11. Flat Creek trailer camp expansion should be clarified to avoid development adjacent or closer to the public ROW-Silver Trail-currently unclear where the additional space will be utilized.	Sec 2.8
12. Explosives magazines: Explosives magazines should be isolated and access controlled to avoid potential public access to storage facilities.	Sec 2.10.1
13. Additional WRSF: "Should additional surface storage capacity for P-AML waste rock be required, additional WRSFs will be constructed as per EBA's WRSF design and upon site inspection and location approval by an engineer" Final approval of the regulator should be required of the engineer recommended site.	Sec 3.4
14. DSTF integrity: Predicted vs measured DSTF humidity cell test results when on discontinuous permafrost brings the idea of stack integrity forward as an issue-confirmation becomes an ongoing question of operation Possibly only means of non-destructive integrity confirmation would be 'resistivity testing'…cost effective and definitive.	-

Table of Concordance – Incorporation of Information Request Responses into Revised Project Proposal (refer to YESAB Online Registry Document #2011-0315-030-1 for response submission)

YESAB Adequacy Review Information Request – March 5, 2012	Project Proposal Reference
Water Management/Treatment	
1. The response provided to question #4 of the information request was unclear in terms of impacts to either groundwater or Flat Creek. It was stated in your response that water will be withdrawn from the groundwater source during spring and summer to provide clear water, and during winter months when Flat Creek is frozen. Therefore 3 out of 4 seasons of the year, water will be withdrawn primarily from groundwater. As such, please answer the following questions pertaining to water use: a) Does Flat Creek freeze through?	Sec 2.8.1
b) Is it possible that water withdrawn from groundwater will further impact the flows in Flat Creek during spring as the groundwater levels will be drawn-down due to no input from Flat Creek?	Sec 5.3.3
2. Question #2 of the information request in Water Management was not adequately addressed in your response. Please provide additional details on the water treatment plant. a) Additionally, please clarify if the Onek mine can operate without this treated water or if the water that will be available post-treatment is required for operations.	Sec. 5.3.2
3. In light of the above discussion and with the statement on page 36, Section 3.1; the proponent should include "water quality data" that confirms the WRMP creates clean "neutral metal leaching" dumps. This could be accomplished through monitoring of water quality off existing N-AML waste dumps or including water quality data from site field testing, etc. a) This question was not adequately responded to given that the proponent has not constructed a N-AML waste rock dump since the operation of the Bellekeno mine commenced. Please provide strong supporting, field-based evidence for the statement that the WRMP creates clean "neutral metal leaching" dumps.	Section 3.4.1
Waste Rock Management/ Characterization	
1. Question #2 under Water Rock Management/Characterization of the information request asked that you provide, "Please provide results for the full ICP metals analysis for the geologic test materials." a) The response to the above question was inadequate. You have supplied ABA data for selected constituents for metals analyses (ICP metals analysis): lead, zinc, aluminum, arsenic, barium, calcium, cadmium, chromium, copper, iron, potassium, magnesium, manganese, sodium and sulphur. These are the COPCs in the proposed monitoring program and a few other constituents that are ubiquitous in rock. This information is insufficient to determine if other constituents may be of concern. Please provide data for the full suite of ICP metals.	Appendix I
b) It was noted that drainage at the site is generally considered to remain neutral or will be mitigated. Other constituents, such as molybdenum (Mo) and selenium (Se), should be evaluated because they leach under neutral conditions and therefore can be present in water at elevated concentrations when neutral drainage is generated. Please provide additional information regarding your consideration of Mo and Se under these conditions as well as any proposed mitigation.	Sec. 3.4.1.1
2. If available, please provide kinetic test data, such as humidity cell results, for the geologic materials. a) Humidity cells have not been established for any of the geological materials at the Lucky Queen or Onek sites. Since humidity cell tests were not completed for waste rock, water quality estimated from waste rock will be based on the results from humidity cell tests on tailings. Please provide methodology for humidity cell tests conducted on tailings in order to assess potential COPC concentrations in seepages.	Sec. 3.4.1 Appendix R
b) Results for a limited number of COPCs have been supplied: alkalinity, sulphate, acidity, pH, arsenic, cadmium, copper, lead, nickel and zinc. This information is insufficient to determine if other constituents may be of concern. Please provide data for the full suite of metals analyzed.	Sec. 4.2.1

3. Please provide the methodology for the shake flask tests. This information will allow a better understanding of leachable concentrations in waste rock and loading rates.	Sec 5.5.2
4. Please provide water monitoring data for all stations listed in Table 5-2. These data should include water quality monitoring for parameters cited in the Water Use Licence (WUL) Table 5, as well as any flow data. a) To clarify the need for the above information, you did not provide flow data for environmental monitoring stations. Flow data for the receiving environment is requested for Stations KV- 50, KV-51, KV-6, KV-7, and KV-8. The purpose of this information is to characterize the flow in the receiving environment using site specific information. It is our understanding that flow data is monitored monthly (Station KV-7) or quarterly (Stations KV- 50, KV-51, KV-6, and KV-8) under the WUL QZ09-092. This information would be beneficial for characterizing the receiving environment; therefore please provide the available flow data for the sites mentioned.	Appendix L
Other	
1. The response to Question #1 of the information request under Other, regarding permafrost was inadequate. Please provide sufficiently detailed site characterization, particularly for locations within the Onek and Lucky Queen developments that will support developments (e.g. settling pond, berms/ditches, portal pad, etc.).	Section 2.11
2. The level of detail that is left out of the proposal is of concern. Frequently the Adaptive Management Plan is referenced as the key to addressing concerns and providing mitigations. It is however exceptionally difficult to review a project's potential impacts without knowing the details of how those impacts will be addressed. To clarify, YESAB is not requesting detailed engineered drawings, but rather sufficient information to identify the anticipated risks to water quality and other values, and logical and affordable mitigations, and a reasonable plan for remediation. It is requested that you please provide a sufficiently detailed Adaptive Management Plan in order for a comprehensive review of potentially significant impacts.	Appendix Q

Appendix B

ALEXCO

Health, Safety and Environmental Policy Statement

Alexco Resource Corp. is committed to preventing the accidental loss of any of its resources, including employees and physical assets.

In fulfilling this commitment to protect both people, property and the environment, Alexco management will provide and maintain a safe and healthy work environment, in accordance with industry standards and in compliance with legislative requirements, and will strive to eliminate any foreseeable hazards which may result in property damage, accidents, or personal injury/illness.

Alexco recognizes that the responsibility for health, safety and environment are shared. All employees will be equally responsible for minimizing accidents, incidents and spills within our facilities and on our work sites. Safe work practices and job procedures will be clearly defined in the company's Health and Safety Manual for all employees to follow.

Accidental loss can be controlled through good management in combination with active employee involvement. Safety is the direct responsibility of all managers, supervisors, employees, and contractors.

All management activities will comply with company safety requirements as they relate to planning, operation and maintenance of facilities and equipment. All employees will perform their jobs properly in accordance with established procedures and safe work practices.

I trust that all of you will join me in a personal commitment to make safety a way of life.

CRN

Clynt R. Nauman. President and CEO

Sept. 25 '11

Date

***The safety information in this policy does not take precedence over Yukon Occupational Health and Safety Regulations. All employees should be familiar with the Yukon *Occupational Health and Safety Act* and the *Regulations*.**

Appendix C

1 REGIONAL GEOLOGY

The Keno Hill Silver District is located in the western part of the Selwyn Basin in an area dominated by deformed and metamorphosed Upper Proterozoic to Mississippian sedimentary rocks formed at the edge of a continental margin. During the Jurassic and Cretaceous, the area was subjected to compressional tectonic forces producing two major thrust sheets (Robert Service and Tombstone) and widespread folding. Early large scale deformation produced recumbent folds, resulting in local structural thickening of strata. A second (and possibly third) deformational event produced gentle south westerly plunging syn- and antiform pairs.

The Robert Service Thrust Sheet in the south is composed of Late Proterozoic to Cambrian sandstone, locally with interbedded limestone and argillite, a Cambrian to Middle Devonian succession of siltstone, limestone and chert, and Upper Devonian argillite, chert, and chert pebble conglomerate. The latter unit uncomfortably overlies the lower units.

The Tombstone Thrust Sheet to the north consists of Devonian phyllite, felsic meta-tuffs and metaclastic rocks, overlain by Carboniferous quartzite. This latter rock unit is locally thickened due to folding and or thrusting and hosts the mineralization of the Keno Hill Silver District.

Intrusive rocks formed during four episodes of plutonism. Early Paleozoic fine-grained diabase occurs as metre-scale dikes and sills in the Upper Proterozoic to Lower Cambrian rocks. During the Mid-Triassic, gabbros to diorites formed pods of various sizes, primarily in the Devonian and Mississippian rocks of the Tombstone thrust sheet. A third phase of plutonism took place around ninety-two million years ago in the early Cretaceous and resulted in widespread and voluminous Tombstone intrusions of commonly granitic to granodioritic composition. The youngest magmatic activity occurred around sixty-five million years ago in the Upper Cretaceous and resulted in the formation of peraluminous megacrystic potassium feldspar granite.

In addition to where polymetallic veins were exploited, the area hosts a number of occurrences, and showings of tungsten, copper, gold, lead, zinc, antimony and barite. Tin, tungsten, and molybdenite occurrences are possibly related to the suite of Cretaceous intrusion, whereas lead, zinc, and barite occur in stratiform calcareous sedimentary rocks of early to mid-Paleozoic age typical of sediment-hosted deposits.

2 PROPERTY GEOLOGY

The Keno Hill District is underlain primarily by Yukon Group metasedimentary rocks, locally divided into three formations; Upper Schist, Central Quartzite and Lower Schist. The Upper Schist (Hyland Group, pre-Cambrian to Cambrian age) overlies the quartzite in what is inferred to be a thrust contact (Robert Service Thrust) and consists of quartz-mica schist, quartzite, graphitic schist and minor limestone. The Central Quartzite (Keno Hill Quartzite, Mississippian age) contains thick-and thin-bedded quartzite, massive quartzite, graphitic phyllite, graphitic schist, calcareous schist and minor Triassic greenstone. This unit is approximately 700 m thick and is host to most of the past producing ore bodies. Structurally juxtaposed below the quartzite is the Lower Schist which has been correlated with the Devonian-Mississippian Earn Group. The Lower Schist includes graphitic schist, argillite, thin-bedded quartzite, calcareous schist, phyllite, slate, sericite schist, minor thick-bedded quartzite and locally significant intervals of Triassic greenstone. The greenstone forms sills and / or boudins and consists of metadiorite and metagabbro. The sills and boudins form bodies up to one kilometre long and thirty metres thick. Regional, greenschist facies metamorphism of all units is believed to have occurred in the Middle Cretaceous, about 105 million years ago.

A number of quartz-feldspar porphyritic sills have intruded the stratigraphy parallel to schistosity. The sills are most common in the Lower and Upper Schists and can reach thicknesses of up to fifty metres; reports of occurrences in the Central Quartzite are inconclusive and vague. The quartz-porphyry sills are believed to be of Cretaceous age.

Structurally, the property is characterized by four sets of faults; many of which have been filled by hydrothermal minerals, forming veins. The oldest fault set consists of south dipping structures that are generally parallel to foliation and are apparently associated with the Tombstone Thrust Fault since movement was contemporaneous or slightly later. Locally, brittle deformation has been observed along these structures. A second fault set, known as "longitudinal veins" strikes north east to east northeast and dips steeply southeast. The latest movement along these faults is sinistral with offsets locally reaching more than 150 metres; however, more than one episode of movement commonly is indicated. Depending on the competency of the host rock, longitudinal veins can be up to thirty metres wide in an anatomising system of sub-veins. Essentially all mineralized rock was mined from these longitudinal veins. A third set of faults, known as "transverse faults", is north-west striking and dips steeply to the north. Transverse faults typically do not contain silver and lead mineralization but are commonly filled by quartz with trace to minor arsenopyrite, pyrite and jamesonite.

A younger set of faults, known as cross faults, strike north to north east with a dip of sixty degrees west to south west and offset vein or longitudinal faults by up to 2,000 metres. In the western part of the property, dextral movement is the most recent event along these structures, whereas in the eastern part of the property sinistral movement with less magnitude prevails.

At Keno Hill, the largest accumulation of ore minerals occurred in structurally prepared competent rocks, such as the Central Quartzite, resulting in areas of increased fluid flow. Incompetent rocks like phyllites tend to produce fewer and smaller, if any, open spaces, limiting fluid flow and resulting mineral precipitation.

Mineralization in the Keno Hill Silver District is of the polymetallic silver-lead-zinc vein type. In general, common gangue minerals include manganiferous siderite and to a lesser extent quartz and quartz breccia as well as calcite and other carbonates. Silver occurs in argentiferous galena and argentiferous tetrahedrite (freibergite). In supergene assemblages, silver is further found as native silver, in polybasite, stephanite, and pyrargyrite. Lead occurs in galena and zinc in sphalerite, which is iron-rich. Other sulphides include pyrite, arsenopyrite (locally gold-bearing) and chalcopyrite.

The veins of the Keno Hill Silver District display characteristics associated with both mesothermal and epithermal deposits and it is not clear if a continuum exists or if separate and distinct mineralizing events are involved. The most prominent examples of epithermal style mineralization are found in the western part of the district, although the Lucky Queen mine on Keno Hill produced native silver and ruby silver in quantity. Proximity to a magmatic heat source has often been called upon to explain the district zonation, though this is by no means a complete explanation.

Mineral zonation is common within base metal-rich veins (zinc-rich margin and silver/lead-rich center). Changes in mineralogy within individual oreshoots is less clearly documented, although there has long been a conviction that silver and lead rich zones occur higher in the veins while zinc becomes dominant at depth. Anecdotal evidence suggests that vertically stacked oreshoots may repeatedly show zoning of lead rich upper portions to zinc dominant roots, but data confirming this has not been found. In general, Pb-Zn mineralization appears to be nearly contemporaneous in age.

Mechanisms triggering deposition of ore and gangue minerals have been suggested by district wide studies of fluid inclusions and light stable isotopes. Fluid boiling appears to have been ubiquitous and some evidence exists for fluid mixing. The hydrothermal fluids responsible for mineral deposition contained significant quantities of CO2 which may have "boiled" during abrupt changes in pressure produced during fluid movement from confined fractures to more open conduits formed in quartzite.

Irrespective of stratigraphic formations or regional map units only a few major rock types are commonly encountered in the area of the old mine workings. These are:

- schists and phyllites with variable carbon content;
- chloritic phyllites or schists;
- quartzites and phyllitic quartzites;
- sericite-quartz phyllites; and,
- greenstones.

3 PHYSIOGRAPHY AND SURFICIAL GEOLOGY

The Keno Hill Silver District lies within the northeastern part of the Yukon Plateau, and the terrain is mountainous with elevations ranging from 1,848 m (Summit of Keno Hill) to 610 m (McQuesten River valley). The area has been profoundly influenced by the latest glaciation but shows more subtle evidence of an earlier event as well.

The lower slopes of Galena Hill show clear evidence of ice marginal deposits such as kame terraces related to the glacial lobes occupying the major valley. The retreat of the Cordilleran ice sheet has had a major impact on the south McQuesten valley. Till blankets much of the valley and glacio-fluvial deposits are widespread. Glacio-lacustrine deposits formed in ice marginal lakes occur in the deeper part of the valley. Large meltwater streams have left huge meander scars. Boyle (1965) provides the following additional description of the physiography and glacial deposits in the area.

Galena Hill trends northeast between Duncan Creek and the McQuesten River valley. It has an elevation of 4,740 feet, a moderately steep southwestern slope, and steeper north, northwestern, and southeastern slopes. The terrain above 4,300 feet is relatively flat and rolling, and marked by several level grassy meadows. The north, northwestern, and southeastern slopes of the hill are crossed by several streams that have cut steep gulches into the rock strata. The principal streams responsible for these gulches are Galena, Flat, Brefalt, and Sandy Creeks and Porcupine Gulch on the northwestern slope and Hinton and Fisher Creeks on the eastern and southeastern slopes.

Keno Hill and Sourdough Hill are adjacent hills separated by Lightning Creek. Keno Hill trends northeast and lies between the Keno Ladue-McQuesten River valley and Allen, Faith, Lightning, and Christal Creeks. The hill has relatively gentle southern and southeastern slopes and a precipitous northern slope, marked by two cirques, Faro Gulch and Silver Basin Gulch. The terrain above 4,500 feet is relatively flat and rolling with five prominent rocky knolls known as Keno, Minto, Monument (the highest point on Keno Hill, elevation 6,065 feet), Caribou, and Beauvette. On the slopes of the hill several streams follow steep gulches in the rock strata, the principal ones being Gambler, Faro, McKay, and Silver Basin on the northern slope, Faith, Hope, and Charity on the northeastern and southern slopes, and Erickson on the western slope.

Sourdough Hill lies southwest of Keno Hill and trends north between Thunder, Lightning, and Duncan Creeks. The part of the hill described in this report is on the northern and northwestern slopes, which are gentle up to 4,200 feet and from there rise abruptly to a steep rocky hogsback that trends southwest for some 6,000 feet.

Extensive rock outcrops are uncommon on Galena, Keno, and Sourdough Hills, and with the exception of the gulches and cirques where relatively good geological sections are present, detailed mapping can only be done by observing float. Below an elevation of 4,400 feet rock outcrops are sparse, and the slopes are covered with till, soil, rock debris, much, and muskeg, in which conifers, birch, aspen, Arctic black-birch, and other vegetation grow abundantly. Above this elevation the soil is thin, outcrops are more numerous, the ground is covered with local rock float, the terrain is treeless, and the vegetation is limited to alpine species and grassy meadows.

The lower slopes of the hills were severely glaciated during Pleistocene time by ice-sheets that spread, from the east, over the entire area. Glacial till, gravel, and other debris lie in a series of benches on the slopes of the hills and floor the valleys. The deposits are generally 5 feet to 20 feet thick, but in some areas as on the southern slope of Keno Hill facing Lightning Creek and north of Christal Lake, they are 30 feet to 50 feet thick or more.

The Keno Hill-Galena Hill area is in the region of permanently frozen ground. The permafrost is irregularly distributed and its occurrence is dependent upon the elevation, hillside exposure, depth of overburden, amount of vegetative cover, and presence of flowing underground and surface water. At high elevations and on slopes with a northern exposure it is generally present. Thus, on Keno Hill, the mine workings on the top of the hill and on the northern slope encountered permafrost some 400 feet below the surface. On the northern slopes of Sourdough Hill and Galena Hill a similar situation prevails, and frost and ice lenses have been encountered at depths of 250 feet or more in the mine workings. On the lower southern slope of Keno Hill, however, the workings of the Onek and Mount Keno mines show little evidence of permafrost. In places where surface and underground water are flowing the permafrost has been thawed out and frost free windows and strips are present. These provide access and egress for waters that are oxidizing the lodes.

The effects of frost action, soil creep, and slope wash are marked on the hills, particularly at the higher elevations. Frost action is responsible for features such as stone rings and stripes, and produces a general 'boiling action' that brings rock float, mineralized float, and soil from deeper layers to the surface, thus facilitating the mapping of both the underlying bedrock and the tracing of vein faults. On steep slopes, however, frost action and land creep have transported float downhill places, 100 feet or more, making the accurate mapping of contacts and vein faults difficult.

Appendix D

A TETRA TECH COMPANY

March 2, 2012

ISSUED FOR USE
EBA FILE: W14101178.011

Alexco Keno Hill Mining Corp.
#4 – 151 Industrial Road
Whitehorse, YT Y1A 2V3

Via Email: bthrall@alexcoresource.com

Attention: Brad Thrall

Subject: EBA Opinion on Properties of Lucky Queen and Onek Tails
For Use in Existing Dry Stack Tailings Disposal Facility, near Bellekeno Mill, YT

The physical and chemical properties of the tailings that will be produced from the two new ore zones are expected to be very similar to the geological and geotechnical properties of the Bellekeno ore zone tailings. Experience gained from thorough geological review of deposits throughout the Keno Hill Silver District indicates there are minor variations in ore mineralogy and deposit configuration, but all deposits discovered to date fall within a relatively narrow and well understood geological range, all hosted within the same geological terrain, age range and subjected to similar structural controls and ore genesis environments.

Within that range, the geotechnical properties of the tailings produced from milling these variations are expected to be very similar. As part of ongoing DSTF operations, maintenance and surveillance protocol and procedures, these assumptions will be confirmed through testing through the ongoing implementation of the Tailings Characterization Plan. Results of analytical testing presented in the YESAB Project Proposal indicate the similar geological nature of the three ore zones. All ore from each of the three deposits will be processed in the same mill, with the same mill process flow sheet, therefore producing a nearly identical particle size distribution.

If there are any minor variations in the nature of Lucky Queen and Onek tails from the Bellekeno tails, they are not expected to affect the geotechnical performance of the DSTF.

We trust this report meets your present requirements. If you have any questions or comments, please contact the undersigned.

Sincerely,
EBA Engineering Consultants Ltd.

J. Richard Trimble, P.Eng., FEC
Principal Consultant, Arctic Engineering
Ph: 867-668-2071 x222 Email: rtrimble@eba.ca

EBA Engineering Consultants Ltd. operating as EBA, A Tetra Tech Company
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Appendix E

Table IR6. List of Fluids Used Underground

Manufacturer	Product	Designation	Container Type	Max Volume/# Stored Onek (400tpd)	Max Volume/# Stored Lucky Queen (100tpd)
Esso	Engine Oil	10W30	5 gallons	10	5
Esso	Engine Oil	10W	5 gallons	10	5
Esso	Engine Oil	15W40	5 gallons	10	5
Esso	Grease	OBRA 30W	5 gallons	6	3
Esso	Gear Oil	GX 75W-80W	5 gallons	7	4
Esso	Gear Oil	GX 80W-90	5 gallons	7	4
Esso	Drill Oil	AROX EP100	5 gallons	15	8
Esso	Grease	ARGON EP1	5 gallons	6	3
Esso	Grease	UNIREX EP2	5 gallons	6	3
Esso	Antifreeze	HD 60/40 Premix	5 gallons	7	4
Esso	Hydraulic Oil	HYDRAUL 56	5 gallons	7	4
AFD	Fuel	Low Sulphur Diesel S15	#807	30,000 Litres	30,000 Litres
			E17-500 Genset	2,100 Litres	2,100 Litres
	rock-lock (resin epoxy)		12 kg boxes	100 kg	50 kg
	Explosive - multiple kinds		0	0	0
	Soaps and solvents		5 gallons	1	1
	Drilling muds and lubes and polymers		5 gallons	10	5
	Paste fluids, lubrication		0	0	0
	Transmission oil		5 gallons	4	2

Appendix F



Emergency Response Plan

Available at:
http://www.emr.gov.yk.ca/mining/pdf/mml_bk_emergency_response__plan.pdf

Appendix G

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mail@accessconsulting.ca

Memorandum

To: Jim Harrington, Brad Thrall, Alexco Keno Hill Mining Corp.

From: Ethan Allen, Scott Davidson, Access Consulting Group

Date: December 7, 2011

Subject: Geochemical Rock Characterization, Onek
Keno Hill District, Yukon

1. PURPOSE AND SCOPE

This report summarizes results of a geochemical characterization of rock from the Onek deposit area within the Keno Hill Silver District (KHSD), Yukon.

1.1 PURPOSE

The purpose of this memorandum is to review the geochemical characteristics of geologic materials in the Onek zone especially with regard to its potential for the generation of net acidity and/or metal leaching (AML). The objective is to provide technical basis to support management of rock to be excavated from Onek during Alexco Resource Corporation's (Alexco) proposed underground development and mining program.

1.2 STUDY APPROACH

This evaluation consists of data analysis and integration of two datasets: 1) acid base accounting (ABA) of 2006-2010 Onek drill core (50 samples) and 2) multi-element ICP metals and lithology database from Onek drill core (4437 samples).

This analysis builds on the geochemical characterization studies done in order to define AML controlling and correlating factors for the KHSD as a whole (Altura 2008a). Altura utilized a review static testing data from site-wide geochemical sampling conducted during 1995 to 1996 on weathered rock dump and pit samples. Key geochemical and field diagnostic factors that appear to either control or correlate to the generation of net acidity and/or metal leaching in the KHSD rock suite were applied in order predict the relative proportions of potentially AML (P-AML) and non-AML (N-AML) rock. The available ABA and ICP geochemistry data were reviewed to assess the

applicability of existing waste rock segregation and management protocol are appropriate at the Onek deposit. This study employed similar methodologies and is compared with and builds on the geochemical characterization of the Bellekeno Zone (Altura 2008b) in order to confirm that the waste rock management system currently used by Alexco at the Bellekeno mine (i.e. Waste Rock Management Plan submitted for QML-0009, submitted Nov. 2009) is an appropriate management strategy at the Onek deposit.

2. METHODOLOGY

All data used in this study were provided by Alexco. Data were complied and for statistical analysis purposes, results below minimum limits of detection were assigned a value of one half of the detection limit. Results above the maximum limits of detection were assigned a value equal to the detection limit. Statistical analysis and data manipulation was carried out using Excel and XLStat software.

Samples in the 4437 sample Onek drillhole database were analyzed with aqua regia digestion via 27 element ICP-OES or 49 element mixed ICP-OES and ICP-MS finishes and included sulphur. The ABA testing was via the modified ABA method including sulphate via both sodium carbonate leach and HCl digestion, total inorganic carbon via coulometer, and paste pH at a 1:1 solid to water ratio. Chemical analyses were conducted by ALS Chemex Labs in North Vancouver, BC while samples from several drillholes from 2010 were analyzed by AGAT Labs in Mississauga, Ontario.

Lithological, mineralogical, and alteration data was determined by Alexco geologists during routine core logging and sampling. Specific lithologies (e.g. schists and quartzites) are intercalated with secondary lithologies over the scale of centimetres to meters. Thus, reported lithology over a specific interval is only the primary lithology and could contain a significant proportion of a secondary lithology. Two lithology codes including ICQS (Interbedded Carbonaceous Quartzite and Schist) and TQTZT (Thin Bedded Quartzite) are reported which reflect specific intervals of mixed lithology.

Determination of mineralized samples was conducted by using a geochemical query with criteria being as either Pb or Zn > 5000 ppm. The lithology code for mineralized vein or “VM” and mineralized stringer “SM” were consolidated with vein, or “VN” for ease of analysis. On an operational waste rock management level, vein or obviously mineralized material is assumed to either be ore or P-AML material; therefore all samples designated as “VN” were assumed to be mineralized even though a 8 samples did not contain >5000 ppm Pb or Zn. Two samples designated

as breccia, or "BX" and 32 samples designated as fault, or "FLT" were not included in the analysis because their original lithology was unknown, leaving 4408 samples.

Analyses below detection limit were replaced with 0.5x detection limit for statistical analyses.

3. OVERVIEW OF ONEK ROCK

3.1 GEOLOGY AND MAJOR ROCK TYPES

The KHSD is comprised principally of Yukon Group metasedimentary rocks, which are described in the Keno Hill Silver District Environmental Conditions Report (Access Consulting Group, 2011).

In summary, the metasedimentary rocks have been divided locally into three formations; Upper Schist, Central Quartzite and Lower Schist. The Upper Schist (Hyland Group, pre-Cambrian to Cambrian age) consists of quartz-mica schist, quartzite, graphitic schist and minor limestone. The Central Quartzite (Keno Hill Quartzite, Mississippian age) contains thick-and thin-bedded quartzite, massive quartzite, graphitic phyllite, graphitic schist and calcareous schist. This unit is approximately 700 m (2300 ft) thick and hosts most of the major silver deposits in the area. The Lower Schist includes graphitic schist, argillite, thin-bedded quartzite, calcareous schist, phyllite, slate, sericite schist and minor thick-bedded quartzite. Conformable greenstone (altered diorite/gabbro) lenses and sills occur in places and narrow lamprophyre and quartz-feldspar porphyry dykes occur locally. Granite bodies have intruded the metasedimentary – greenstone package at several places to the north and south of the Keno Hill – Galena Hill area.

The Onek deposit is located on the south-western flank of Keno Hill directly to the northeast of the hamlet of Keno City. The deposit is hosted in an interbedded quartzite, carbonaceous schist and sericitic schist package containing conformable greenstone lenses on the south-western end and in more massive quartzites on the south-eastern end.

Principal rock units in order of predominance at the Onek deposit are quartzite, schist, and greenstone. Mineralogical and compositional variation is seen especially in the quartzites and schists, which is broken into sublithologies. A brief overview description of each major lithology type is summarized below from Boyle (1962), Altura (2008b) and Access (2011).

Quartzite (QTZT): Is the dominant unit at Onek, occurring both as thin and thickly bedded sequences with assemblages of schist. Quartzites are comprised primarily of quartz but also contain some mica

carbonate minerals and carbonaceous material. Accessory minerals include leucoxene, tourmaline, zircon, apatite, and pyrite.

Schist (SCH): The majority of the schist within the Onek deposit is graphitic schist (GSCH), but some sericite schist (SSCH), chlorite schist (CHSCH) as well as undifferentiated schist is observed. As previously discussed, interbedded carbonaceous quartzite and schist (ICQS) and thin bedded quartzite (TQTZT) are also included as their own lithologies, but contain significant schist.

Graphitic schists are black or dark gray due to their significant carbon content, and occur in beds from millimetre to many meters in scale intercalated with quartzites and other lithologies. In addition to graphite, quartz, mica, carbonates, feldspar, chlorite, isotropic colloidal material and pyrite metacrysts have been identified in thin sections.

Sericite and chlorite schist are usually pale and dark green, respectively. Thin sections of sericite schists show primarily quartz and sericite with trace carbonate minerals and leucoxene. Accessory minerals include apatite, zircon, tourmaline and pyrite metacrysts.

Greenstone (GNST): Greenstones vary from massive to schistose and vary in color from greyish green to dark green. Greenstones occur in conformable elongated lenses and sills as a result of boudinage, particularly within the more ductile schist units. Greenstones units are generally more resistant than the quartzites and schists and appear geomorphologically as prominent hills in the KHSD. Thin sections show significant variety in mineral composition and texture but generally show a high degree of alteration. Primary mineralogy of the greenstones are hornblende, actinolite, saussurite (zoisite, epidote, albite, sericite, carbonate), plagioclase (oligoclase to andesine), chlorite, stilpnomelane, biotite, sericite, leucoxene, and carbonate minerals. Quartz, K-feldspar, ilmenite, magnetite, limonite and apatite are minor constituents with some pyrite. Chlorite is also generally present, which is primarily responsible for the rock's color.

Vein (VN): Economic mineralization in the Keno Hill District occurs in irregular shoots within vein fault systems. Dilation and subsequent development of economic mineralization is favoured in the more brittle (quartzite and greenstone) units, and where there is a contrasting rheology on each side of the vein fault. Dilation and economic mineralization is usually not well developed in the more ductile schists and phyllites.

At least two stages of mineralization have been identified in the KHSD. The first stage is associated with quartz, pyrite and arsenopyrite and sulphosalts. This earlier stage is associated with elevated gold concentrations. The second stage of mineralization (which comprises the majority of the economic mineralization in the district) is associated with deposition of siderite galena, sphalerite, pyrite, freibergite and pyrargyrite, quartz, pyrite and small amounts of other sulphides (e.g. chalcopyrite).

The Onek vein system comprises at least three individual vein faults occurring within a broad northeast striking, southeast dipping structural zone. The vein faults occur over a strike length of at least 600 m and are characterized by brittle fractured zones, locally containing massive sulphide vein material, consisting of sphalerite, galena and siderite along with minor pyrite, arsenopyrite and quartz.

3.2 ELEMENTAL CHARACTERIZATION

ICP metals data from the 4,408 sample drillhole database were characterized and described according to the major lithologic units. Table 1 shows the distribution of samples according to lithology in the Lucky Queen drillhole database. Lithologies with less than 1% relative frequency (phyllite, and calcareous schist) were deemed to be insignificant and were not included in the subsequent analysis, leaving 4,385 samples.

Table 1. Distribution of Samples in the Onek Drillhole Database

Lithology		Number of Samples		
Description	**Code**	**Non-Mineralized (Waste Rock)**	**Mineralized (>5000 ppm Pb or Zn)**	**Total**
Chloritic Schist	CHSCH	46	2	48
Calcareous Quartzite	CQTZT	169	10	179
Calcareous Schist	CSCH	19	1	20
Greenstone	GNST	176	17	193
Graphitic Schist	GSCH	433	39	472
Interbedded Carbonaceous Quartzite and Schist	ICQS	125	45	170
Phyllite	PHY	3	0	3
Quartzite	QTZT	1894	546	2440
Schist	SCH	126	10	136
Sericite Schist	SSCH	128	10	138
Thin Bedded Quartzite	TQTZT	206	137	343
Vein (Mineralized)	VN	0	266	266
	Totals	3325	1083	4408

A number of elements exceeded the method detection limit (MDL) for the standard ICP metals suite and were not run for ore grade or overlimit analyses. Samples over the method detection limits of As >10,000 ppm, Cd > 1000 ppm and Mn > 100,000 ppm were present mainly in samples assigned as VN, but also appear in a few other lithologies for As and Cd. A total of 36 samples exceed the MDL for As, with all but two of these samples falling into the VN or QTZT lithologies. All but 5 samples fall into the mineralized category, and all were identified as P-AML. A total of 268 samples exceed the MDL for Cd with all but one sample identified as mineralized and P-AML. The presence of these samples in the dataset will have a minor effect of underestimating the true statistical measurements for these elements, but will not have any effect on the efficacy of the geochemical screening criteria in indentifying samples with high Cd and As as P-AML.

3.2.1 Results

Summary statistics of Onek geochemistry are contained in Appendix A1. The results of the metals analysis for selected elements of interest in the Onek drillhole database are summarized below. Box plots of these selected elements are shown according to lithology and according to mineralized/unmineralized designation in Appendix A2.

Aluminum (Al)

The first-third quartile range for aluminum were lowest in VN (< 2%) and highest in the schist lithologies and greenstone (2-8%). The more siliceous quartzite lithologies had the fairly low values, generally less than 3%. Of the schist species, sericite schist showed the lowest values. These values reflect the respective mineralogy of each lithology, where aluminum is likely contained mostly within aluminosilicate minerals such as micas and clays in schist and amphiboles (as in greenstone).

Arsenic (As)

Arsenic was observed to be highest in VN, but also showed some elevated levels in other lithologies. A significantly higher (approximately 2-10x) mean than median value for arsenic shows that significantly elevated levels are observed in a small subset of the samples most likely due to the occurrence of arsenopyrite mineralization in these samples. This divergence between mean and median values was most pronounced in QTZT, CQTZT and VN. Although statistical measurements of As concentrations were approximately an order of magnitude higher in mineralized samples compared with non-mineralized, the large discrepancy between mean and median values was seen in both.

Barium (Ba)

Barium was lowest in VN and is highest in the schist units except for GSCH with elevated concentrations particularly associated with SSCH, CHSCH and PHY. Ba concentrations are significantly higher in non-mineralized samples compared with mineralized samples.

Calcium (Ca)

Calcium contents were lowest in VN and highest in GNST and generally lower in quartzites (except for CQTZT) and slightly higher in the schist units. Except for GNST, other lithologies had Ca concentrations of generally less than 5% with mean and median values of between 0.2-2%. Ca concentrations are significantly higher in non-mineralized samples compared with mineralized samples.

Magnesium (Mg)

Magnesium concentrations were generally less than 1% for all lithologies except GNST, in which most of the population was between 2.5-3.75%. The higher Mg concentration in GNST is due to the gabbroic concentration of the parent rock and the corresponding Mg bearing ferromagnesian minerals. Of the other lithologies, SSCH and CHSCH have slightly higher Mg contents which are likely

contained within the phylosillicates (i.e. chlorite). Non-mineralized samples contained slightly higher Mg contents than mineralized samples.

Iron (Fe)

Iron concentrations were much higher in VN than other lithologies and much higher in mineralized as compared with non-mineralized samples. The main Fe bearing minerals encountered within and near the veins are siderite and pyrite. Among the other lithologies, GNST had the highest iron concentrations (mainly in the 6-8% range) due to its gabbroic composition and consequent mineralogy, which includes Fe bearing aluminosilicates such as chlorite, biotite and amphiboles.

Manganese (Mn)

Manganese concentrations were fairly uniform among all lithologies except for VN and unmineralized samples generally contained less than 5000 ppm. Mineralized and VN samples exhibited first to third quartile ranges between 20,000-30,000 ppm with some samples over the 100,000 (10%) method detection limit. Although the amount of substitution and precise carbonate composition is unknown at the site, Mn is known to substitute significantly for Fe in siderite.

Lead (Pb)

Median values for lead for most units is relatively low for most units, in the 10-100 ppm range, however, anomalously high values in thousands of ppm was noted to occur in all units. QTZT shows the greatest variation, which is likely an effect of a greater sample size. VN shows significantly higher values with a median of 2370 and maximum value of over 48% Pb, reflecting the presence of massive galena. Mineralized samples show much higher Pb contents (median of 10 ppm in non-mineralized compared with a median of 447 ppm for mineralized samples).

Sulphur (S)

Sulphur via ICP values for rock lithologies (all except VN) show median values of between 0.09 and 0.32% with means approximately 2x the median value, showing that a small number of samples with significantly elevated levels are skewing the population. There is no distinction between quartzites and schists and GNST has the lowest median value. VN has a median of 6.14% S. S is significantly higher in mineralized samples (median of 1.5%) compared with non-mineralized samples (0.2%).

Zinc (Zn)

Median zinc levels showed significant elevation in rock lithologies of between 147 to 3380 ppm. Lithologies with highest Zn were TQTZT and ICQS with significant elevation in QTZT. A significant divergence between mean and median values was also exhibited for Zn for all lithologies indicating that a subset of anomalously high values exists over the strong zinc overprint. The first to third quartile range for the non-mineralized samples was approximately 100-1000 ppm while the mineralized samples were between 8000-100,000.

3.2.2 Discussion

Analysis of data from the 4,385 samples of major lithologies from the Onek drillhole database show that the rock units (not including VN or mineralized category) tend to have generally low sulphur (less than 0.5%). No clear distinction in S contents exists between the quartzose and schistose rock units, but greenstones have the lowest sulphur contents. Occasional anomalous concentrations of some metals exist across all lithologies. Most notably, Zn is significantly elevated within rock lithologies with all median values > 147 ppm.

Vein lithology and mineralized samples show significantly higher concentrations of economic elements (Pb, Zn) as well as other metals associated with gangue mineralogy such as Fe, As, and Mn. Sulphur contents in VN and mineralized samples are significantly higher than other rock lithologies owing the presence of significant sulphide mineralization.

3.3 ACID BASE ACCOUNTING

The principal objective of ABA testing is to provide quantitative determination of the balance between acid producing and acid consuming minerals of materials. The ratio of neutralizing potential (NP) to maximum potential acidity (MPA) is expressed as NP/MPA. NP/MPA values reported from bulk ABA testing data (N=50) represented 7 of the 12 original lithologies. Alternative methods to calculate other types of ABA data can be employed if relationships can be established between parameters and mineralogy is understood. NP can be calculated based on such as inorganic carbonate, calcium, or calcium + magnesium, if the majority of the neutralizing potential is known to be from carbonate minerals. MPA is reported in ABA results as the calculated difference between total sulphur via Leco with total sulphate (via carbonate or HCl leach) subtracted. This remainder, assumed to be sulphur as sulphide, is multiplied by 31.25 in order to determine MPA in kg $CaCO_3$/tonne. Total sulphur as measured by ICP, can also be used to calculate MPA, which is discussed further in Section 3.3.1. These relationships allow for extension of ABA data to include

samples for which only ICP analysis exist, and have allowed calculation of ABA data to include all lithologies except for GNST and VN and samples identified as mineralized. A summary table of the distribution of ABA samples including those calculated using ICP data for Onek is shown in Table 2.

Table 2. Distribution of ABA Samples in Onek Dataset

Lithology		# of ABA samples	# of calculated ABA samples
Description	**Code**		
Chloritic Schist	CHSCH	1	46
Greenstone	GNST	3	0
Calcareous Quartzite	CQTZT	0	169
Graphitic Schist	GSCH	5	432
Interbedded Carbonaceous Quartzite and Schist	ICQS	0	125
Quartzite	QTZT	14	1894
Schist	SCH	6	126
Sericite Schist	SSCH	8	128
Thin Bedded Quartzite	TQTZT	0	206
Mineralized Vein	VN	13	0
	Total	**50**	**3126**

3.3.1 Results

Acid base accounting summary statistics are presented in Appendix B1. Relationships between lithologies and between mineralized/unmineralized samples for ABA results are shown in Appendix B2.

Neutralization Potential

A strong correlation between %Ca and $\%CO_2$ versus NP was noted in the Bellekeno geochemical characterization (Altura, 2008b) especially when considering only unmineralized samples, and excluding VN and GNST lithologies. In the case where significant dolomite or Mg bearing carbonates are known to exist, the correlation can be improved by comparing [Ca+Mg] with NP. Plots showing the relationships between bulk NP and a number of potential ICP data correlations (Ca, Mg, [Ca+Mg]) for the Onek dataset are shown in Figure 1a and 1b.

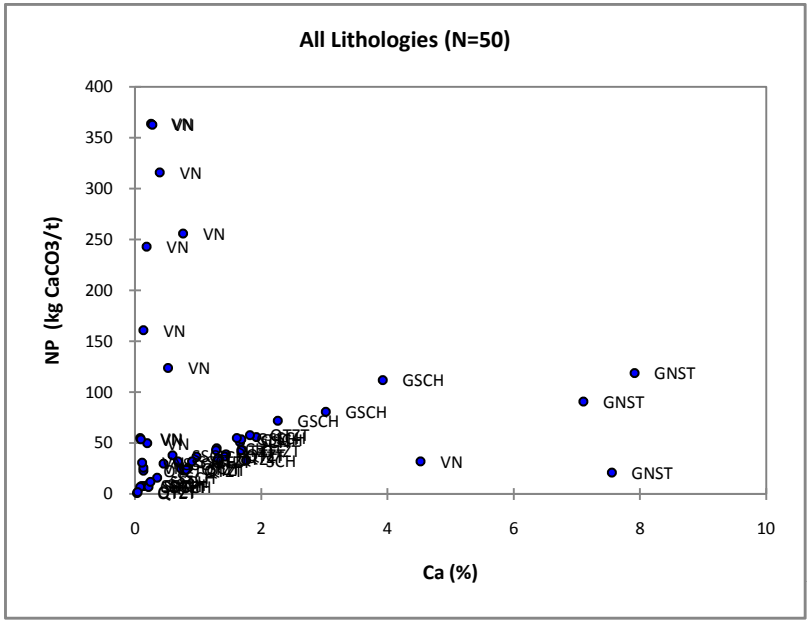
The best observed correlation was between Ca and NP in which the data was filtered to exclude VN and GNST (Figure 1). This allowed for calculation of neutralization potential based on Ca% [NP_{Ca}]. The derived relationship between Ca and NP was:

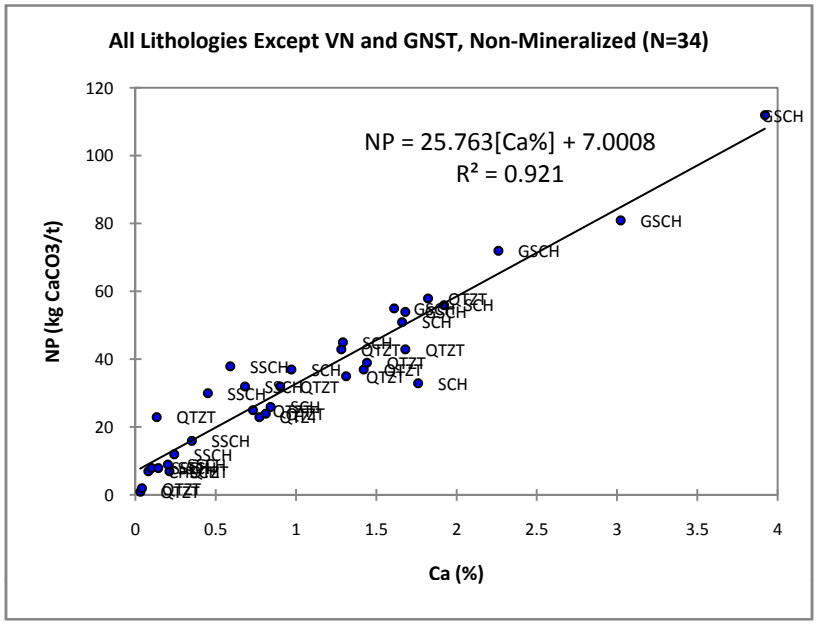
$$[NP_{Ca}] = 25.763[Ca\%] + 7.0008$$
$$R^2 = 0.921$$

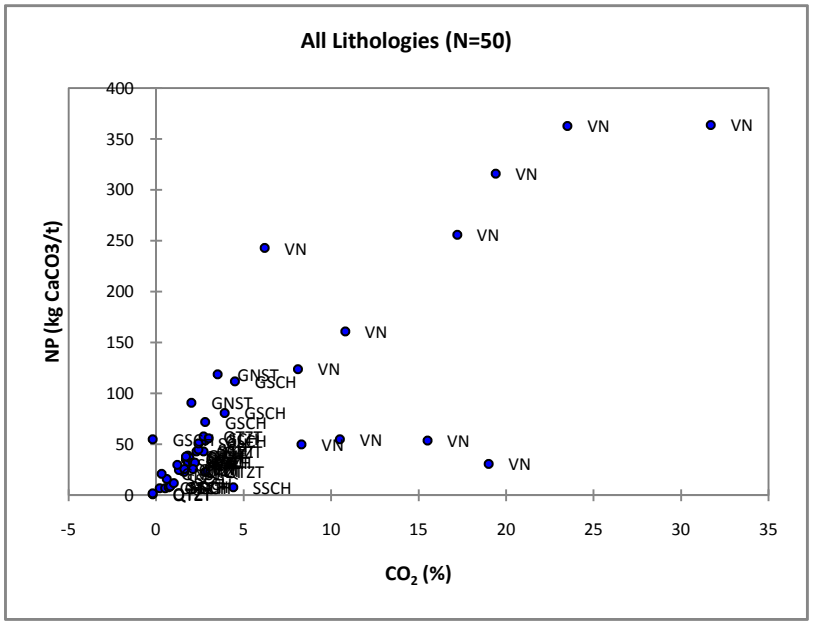
Similar to the results described in Altura 2008b for the Bellekeno data, this correlation did not work for mineralized (VN) samples because the bulk NP was higher than the linear correlation due to the abundance of siderite (Fe_2CO_3) in vein material. In the case of GNST, bulk NP was much lower than the linear correlation because significant non-neutralizing Ca exists within calcic silicates such as hornblende, actinolite and other amphiboles. This relationship indicates that calcium carbonate is likely the primary source of neutralizing potential, and was used to calculate NP_{Ca} for the ICP data for all lithologies except VN and GNST. Box plots showing bulk NP and NP_{Ca} per lithology are shown in Figure 2.

The 50 sample bulk NP dataset showed that mineralized samples (as represented by VN lithology) had a higher neutralizing potential (median of 124 kg CaCO3/t) than non- mineralized lithologies and is attributed to the significant siderite content known to exist in the mineralized areas. Two lithologies (GNST and CHSCH) were represented by less than 5 samples.

Figure 1a. Relationship of Calcium, Magnesium and Carbonate with NP







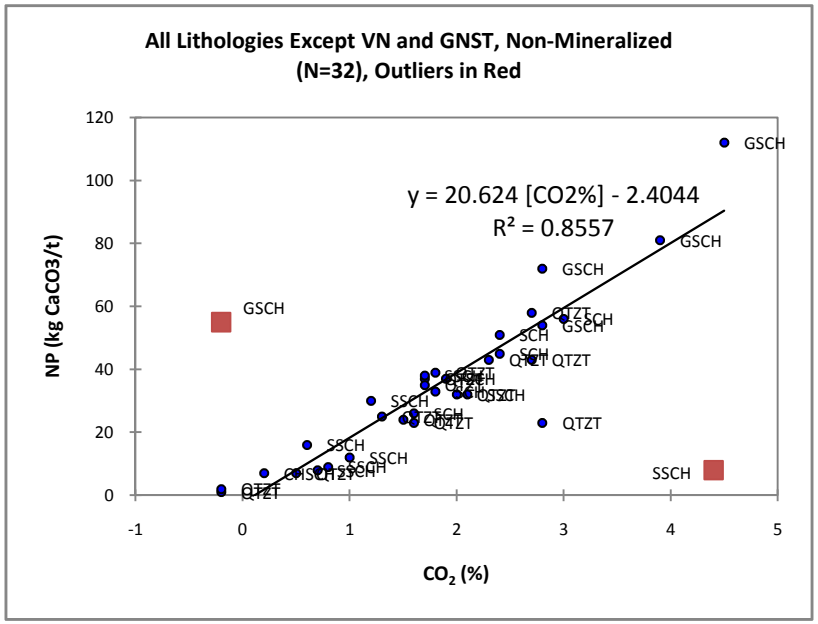
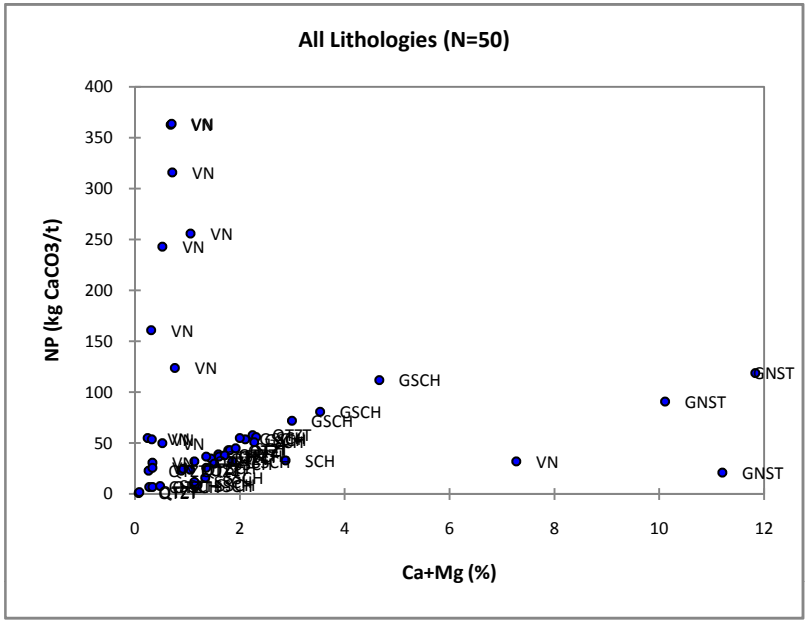
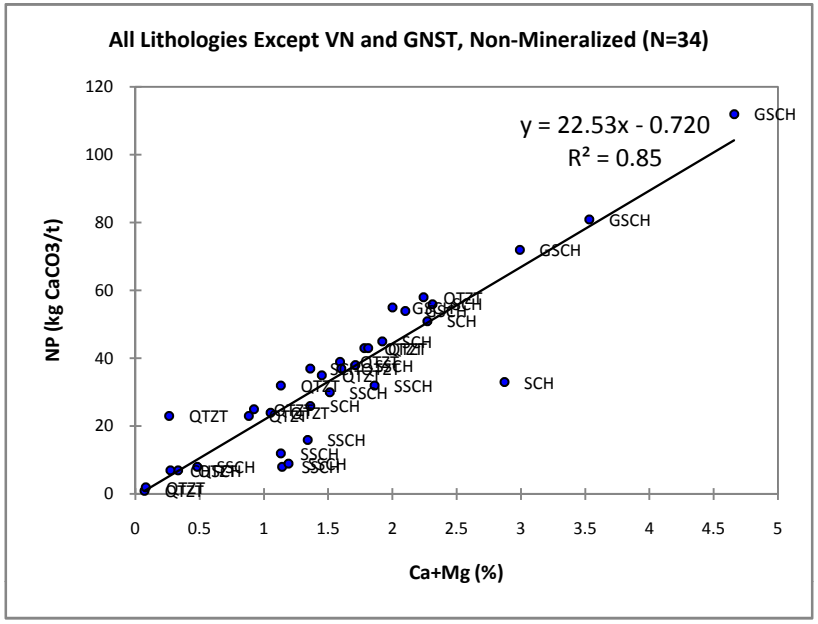
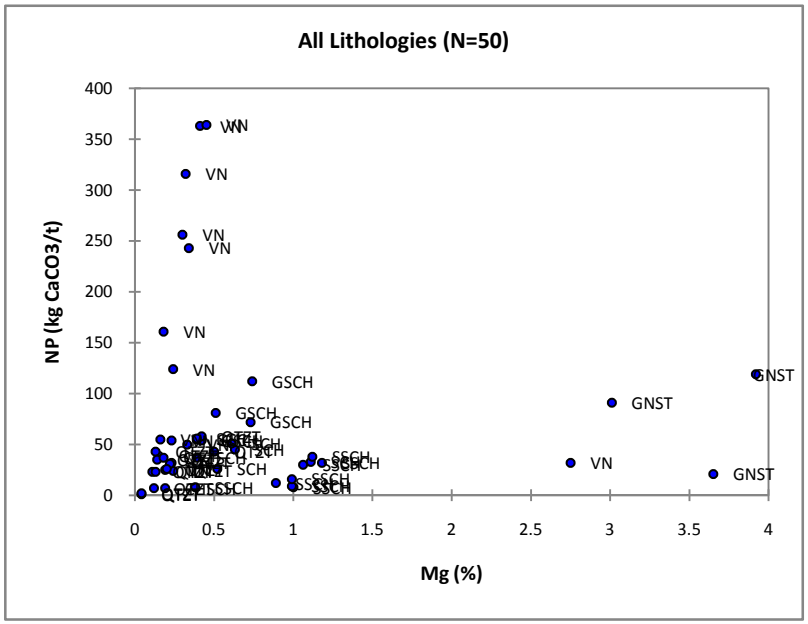


Figure 1b. Relationship of Calcium, Magnesium and Carbonate with NP







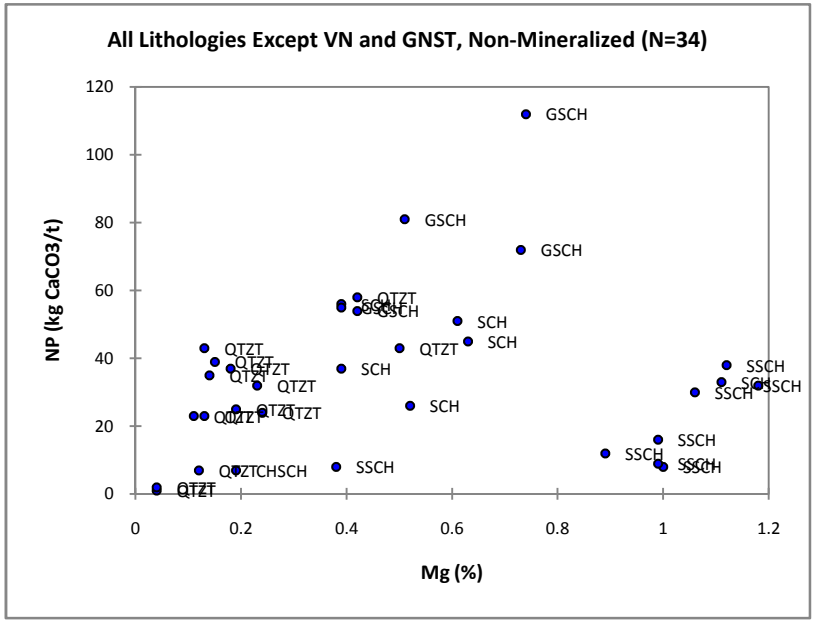
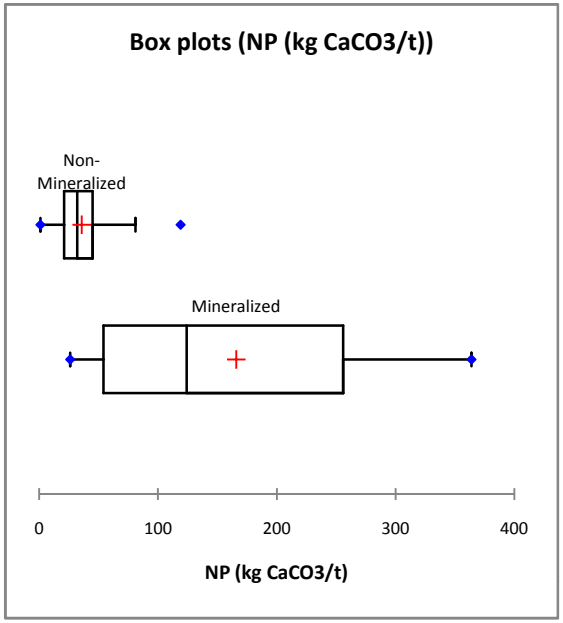
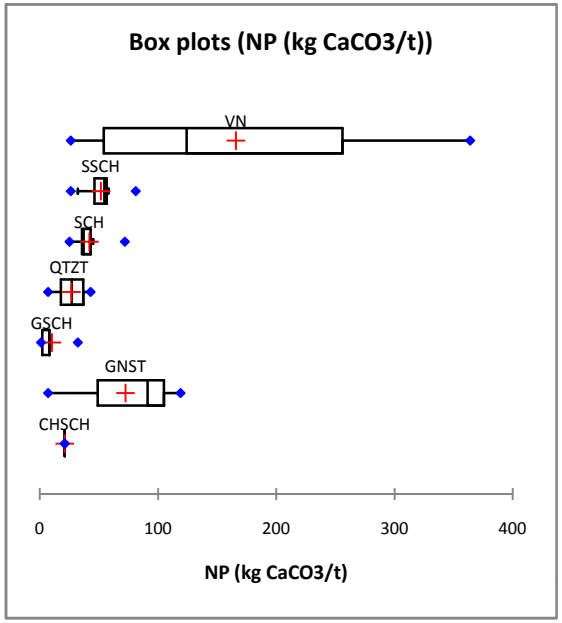
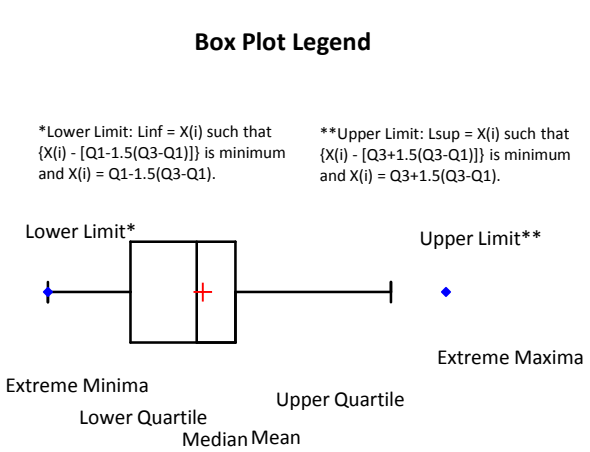
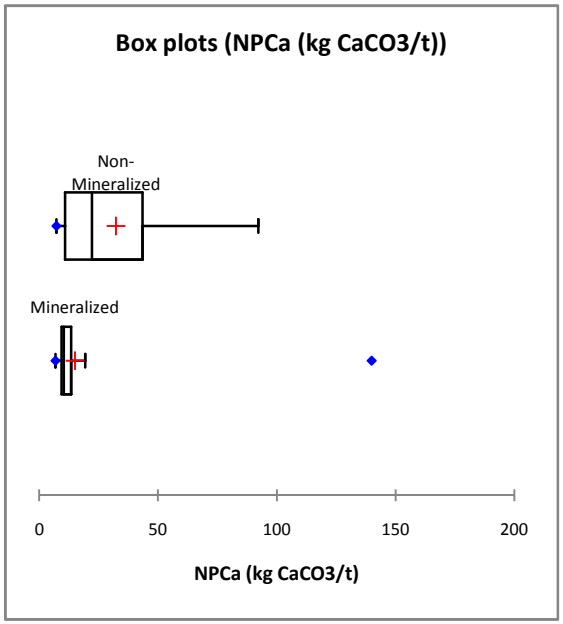


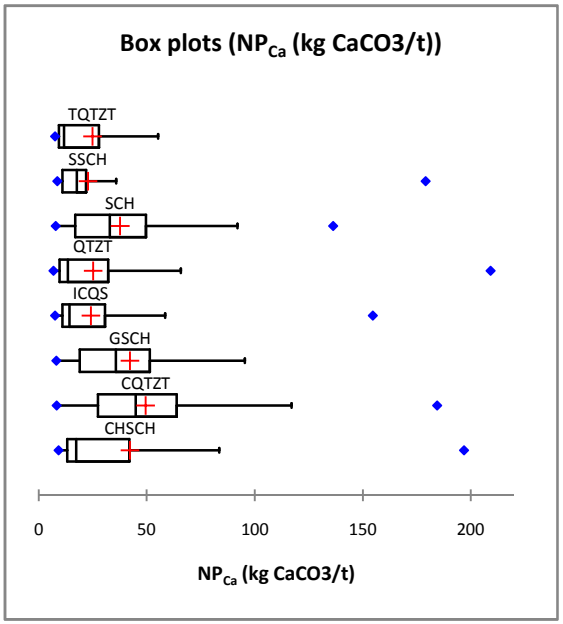
Figure 2. Measurd NP and calculated NP from ABA database











Lithologies represented by larger numbers of samples generally exhibit greater variability. The lowest bulk NP of 1 kg CaCO3/t was exhibited by a quartzite sample. Median values for waste rock lithologies varied between 7 and 91 kg CaCO3/t.

The 3926 calculated NP_{Ca} samples showed similar ranges but less variability among lithologies than the bulk NP data. Median values for comparable lithologies (QTZT, GSCH, SCH, but with the exception of SSCH and CHSCH) were generally lower in the larger NP_{Ca} dataset, most significantly in QTZT and GSCH. CQTZT, or calcareous quartzite predictably had the highest median value of the NP_{Ca} dataset.

Sulphur Species and Maximum Potential Acidity

Sulphur content and speciation is an important determining factor affecting the potential for generation of acidity. Sulphur occurs in various forms in rock including potentially acid generating sulphide, and sulphate which is generally not acid generating. MPA in the ABA dataset was calculated by multiplying the % sulphur as sulphide by 31.25.

From the 50 sample ABA data set, total sulphur ranged between 1.0% and 24.7% in the 13 VN samples, while the remainder of the rock lithologies varied between 0.05% and 1%. Sulphate sulphur via carbonate leach varied between below detection limit (0.01%) and 0.12% for rock lithologies and up to 0.16% in VN. The median value for mineralized samples was significantly higher at 0.6% compared with 0.2% for non-mineralized samples. Although results are similar between the two methods sulphate via HCl leach seemed to be less sensitive than the carbonate leach, with significantly more samples below detection limit. This was also noted by Altura 2008b for Bellekeno.

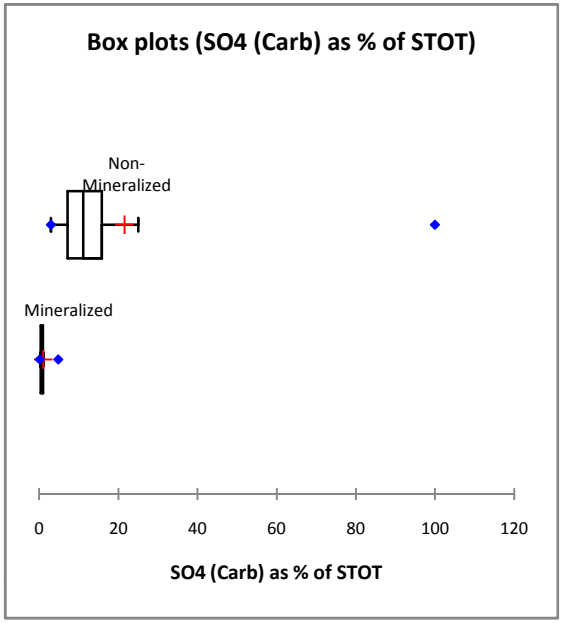
Sulphate via carbonate leach as a percentage of total sulphur has a median of 11% in non-mineralized rock lithologies and a median of 0.65% in VN and mineralized samples. By lithology, sulphate via carbonate leach is 100% of total S for the single sample of CHSCH, and has a mean of 62.5% for GNST. GSCH shows a median of 25%, while the remaining rock lithologies have median values of between 6 and 13%. VN has a median value of 0.65%.

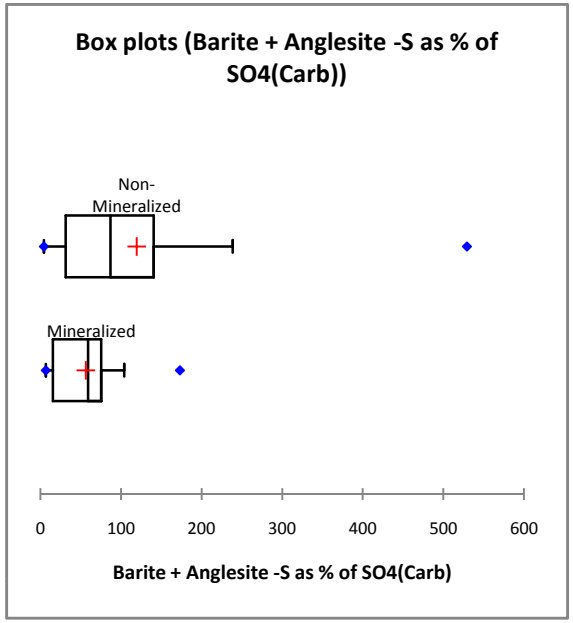
Insoluble sulphate minerals such as barite ($BaSO_4$) and anglesite ($PbSO_4$) can interfere with the results of procedures that calculate forms of sulphur from the difference between total sulphur and extractable sulphur. Because of the low solubility of barite and anglesite, sulphur in these minerals will report as sulphide S if hydrochloric acid is used to predict the % sulphide S. This partially explains the greater sensitivity of the carbonate leach when compared with the HCl leach for

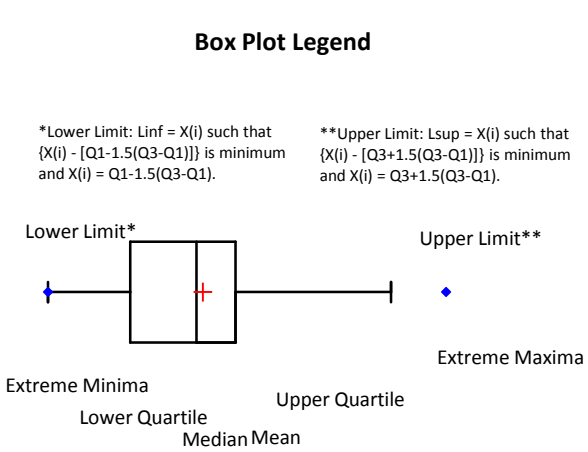
measuring % sulphate S. However, according to Lapakko (2002), sodium carbonate will not dissolve barite. The sodium carbonate leach also may not effectively dissolving anglesite. In order to determine whether the concentrations of barite and anglesite will impact the measurements, MEND (2009) suggests the estimation of the concentrations of barite and anglesite and their potential interference on analytical procedures and results by calculation of the maximum potential concentrations of sulphur in barite + anglesite by calculating based on the ratio of their molecular weight to that of sulphur and assume that these minerals are the only source for these elements. Box plots showing selected results for sulphur speciation are shown in Figure 3.

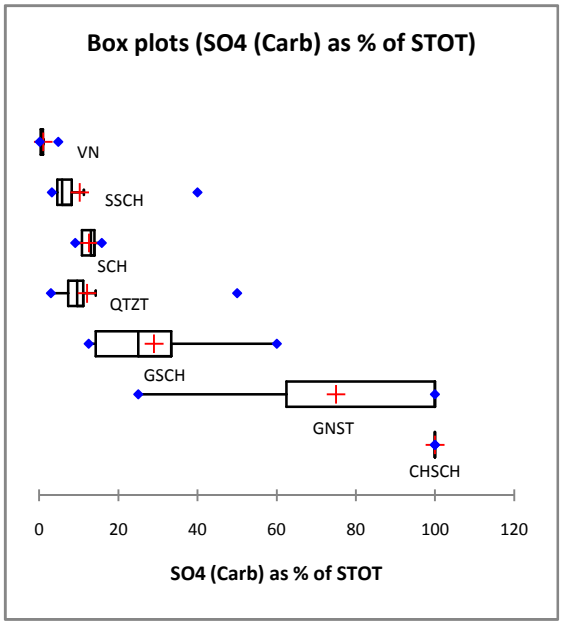
Significant barium concentrations observed in some rock lithologies (notably the schist lithologies, except for CHSCH) which results in the potential for sulphate S in barite (S_{Ba})to be up to 0.07%. Maximum potential sulphate S in anglesite (S_{ang}) is contained almost exclusively in VN and mineralized samples, which contain a much higher concentration of Pb, and reach over 0.12% with a median of 0.019%. When combined, the potential sulphate S in both anglesite and barite is highest in SSCH with a median value of 0.06% followed by VN, SCH and GSCH. Four lithologies show that maximum potential (S_{Ba}) and (S_{ang}) can significantly exceed the percentage of sulphate measured by carbonate leach. This indicates that for these lithologies, especially SSCH and GSCH which have median values of approximately 150%), sulphide S, and consequently MPA, may be overestimated if (S_{Ba}) and (S_{ang}) is not being measured in these samples. The sensitivity to this potential effect can be estimated by increasing the sulphate in these lithologies and examining the effect on NP/MPA ratios. For example, a SSCH sample with a NP/MPA ratio of 8.5 was increased to 10.2 when sulphate was multiplied by 150%, demonstrating that this effect can be significant. However, since the lithologies in which insoluble sulphate may be underestimated appears to be most pronounced are relatively minor and generally have significant NP, the overall effect is likely minor. Since VN and mineralized samples are identified as P-AML and generally have low NP/MPA ratios and high MPAs, the effect on these samples will be negligible.

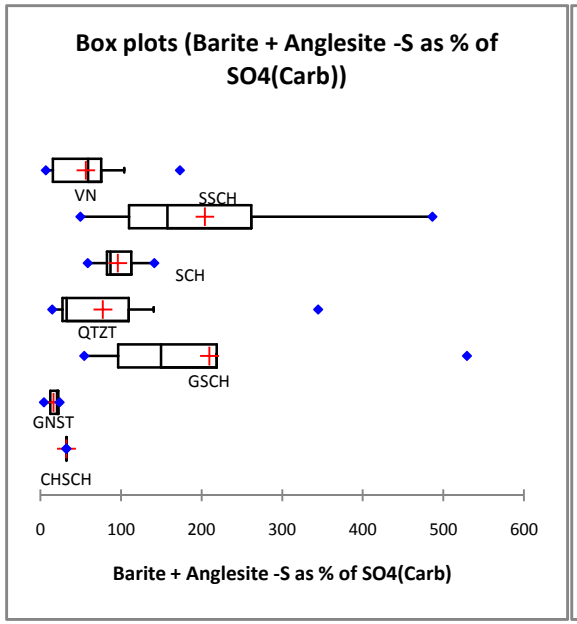
Figure 3. Select Sulphur Speciation











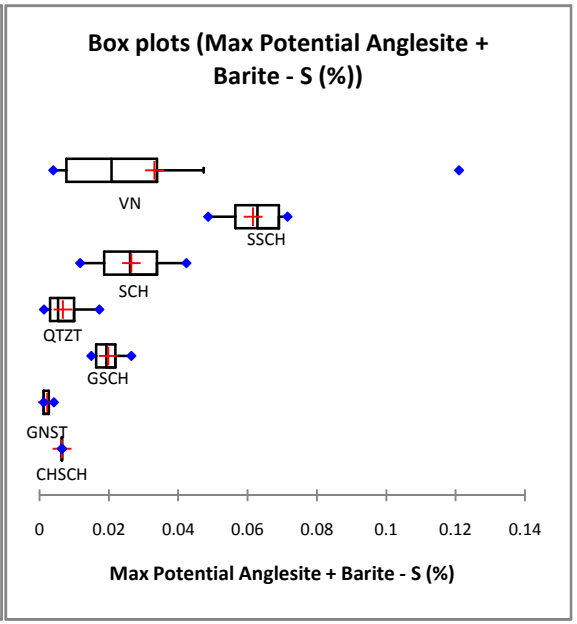
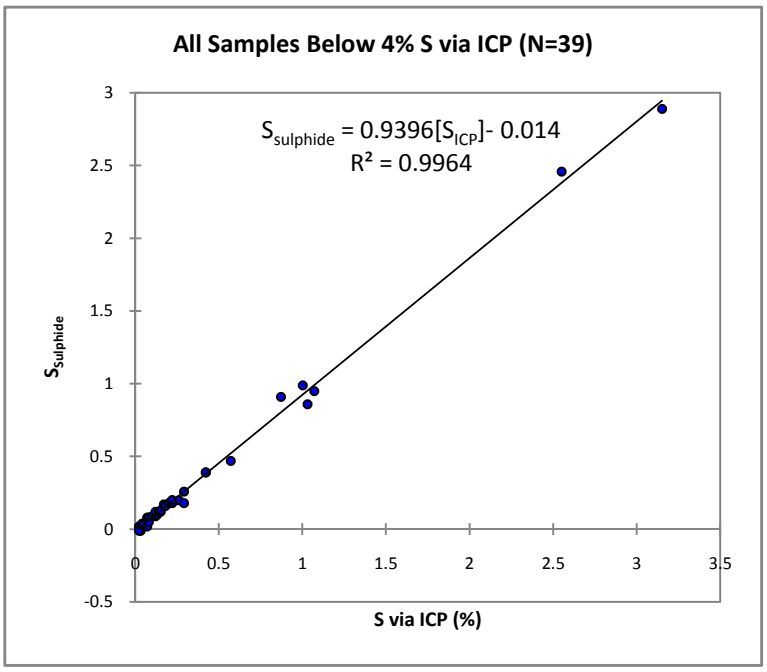
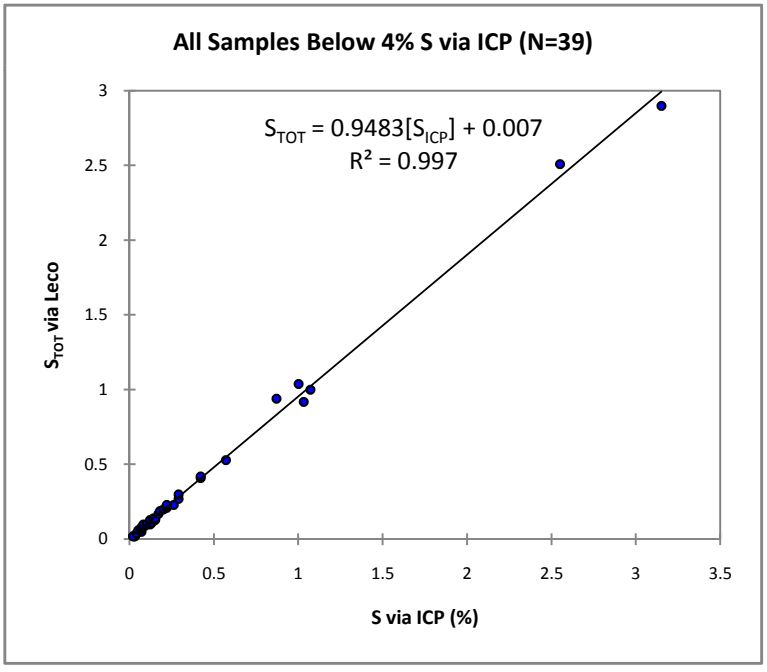


Figure 4. Sulphur Correlations





As noted by Altura 2008b, a very good correlation between total sulphur via Leco and sulphur via ICP was observed at Bellekeno.

Plots showing the relationship between sulphur measurements for Onek are shown in Figure 4 and agree with the observations made for Bellekeno. The correlation coefficient in the relationship between S via ICP and Total S via Leco is 0.997, which is higher than the relationship observed in the Bellekeno data.

As discussed in Section 3.3, MPA is determined based on the calculated difference between total sulphur via Leco and total sulphate (via carbonate or HCl leach). This is assumed to be sulphide sulphur and is multiplied by 31.25 in order to determine MPA in kg $CaCO_3$/tonne. In order to extend the MPA data to the ICP sulphur measured values, S via ICP was compared with the available calculated S as sulphide from the ABA database. Although a significant percentage of the total sulphur measured in the S via ICP can be expected to be present as non potential acid generating sulphate, MPA values were conservatively calculated assuming that S via ICP was present as 100% S as sulphide.

Neutralization Potential Ratio (NP/MPA)

A common industry practice is to infer that samples with NP/MPA of greater than 3:1 are unlikely to produce net acidity with no further testwork or study. MEND (2009) suggests that samples with NP/MPA greater than 2 are non-potentially acid generating if there are provided no significant errors have been made in the estimation of effective NP and AP. Box Plots showing NP/MPA ratios are shown in Figure 5.

NP/MPA ratios from the ABA dataset show GNST with a median of 146 and minimum of 11.2, which is significantly higher than all other lithologies, indicating GNST has a minimal potential for the generation of net acidity. Of the remaining lithologies in the ABA dataset, NP/MPA first quartiles for QTZT and SCH and CHSCH exceed 3, while it is lower than 3 for GSCH, SSCH. VN showed a median of 0.42, indicating high potential for generation of net acidity. Mineralized samples showed a median NP/MPA of 0.42 compared with a median of 5.9 for unmineralized samples.

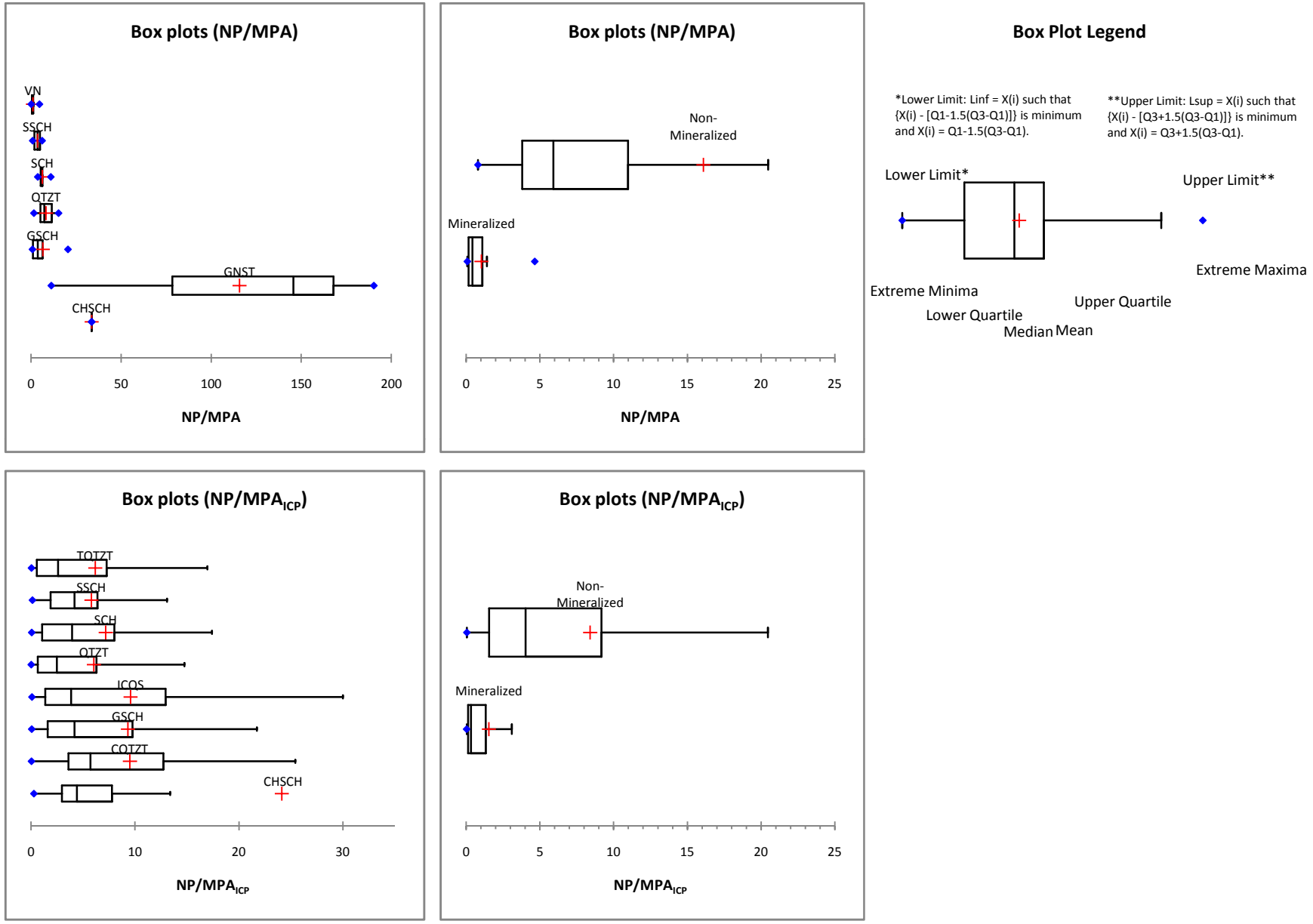
NP/MPA ratios calculated using the 3926 sample ICP dataset showed median values of over 3:1 for all lithologies except for QTZT and TQTZT, while first quartile values were over 3 only in CQTZT and TQTZT.

Table 3 and Table 4 show the distribution of samples from Onek according to NP/MPA range from the ABA and calculated ABA datasets, respectively. A total of 33 of the 50 samples from the ABA dataset have NP/MPA ratios of >3, indicating minimal potential for net acidity. Zero samples were had a NP/MPA ratio of between 2 and 3. Considering only the rock lithologies in the ABA dataset and excluding the VN lithology, 31 of 37 samples, or 84% of samples had NP/MPA ratios of >3.

A total of 1859 of 3126 samples, or 59% of the calculated ABA database had NP/MPA ratios of >3. 69% of samples have NP/MPA of >2.

The discrepancy in proportions of NP/MPA between the results from the ABA sampling compared with the calculated ABA data based on the ICP dataset is based in part in that 193 greenstone (which is assumed to exhibit NP/MPA ratios all >3) samples were not included because of the difficulty calculating NP based on calcium. If GNST is included in the calculation assuming 100% of the values have NP/MPA >3, the proportion of samples in the calculated ABA database increase to 66% with NP/MPA >3 and 75% with NP/MPA>2. In addition, the higher proportion of samples with NP/MPA ratios of <3 observed in the calculated ABA data can also be attributed in part to the conservative assumption that all sulphur as measured by ICP was in sulphide, or potentially acid generating form. If prior to calculation of MPA_{SICP}, S via ICP is reduced by the 11% indicated by the median value of sulphate S via carbonate leach as a percentage of total S, the proportion of samples with NP/MPA ratios above and below 3 are similar between the ABA results and the calculated ABA results based on the ICP data. The higher proportion of NP/MPA <3 in the calculated ABA dataset demonstrates that the method is conservative.

Figure 5. Measured NP/MPA and Calculated NP/MPA from ABA database



Note: Max value not shown in some cases for better perspective of the central tendency

Table 3. Distribution of NP/MPA Samples in Onek Dataset

Lithology		NP/MPA				
Description	**Code**	**< 1**	**1 to 2**	**2 to 3**	**>3**	**Total**
Chloritic Schist	CHSCH	0	1	0	0	1
Greenstone	GNST	0		0	3	3
Graphitic Schist	GSCH	0	1	0	4	5
Quartzite	QTZT	1	1	0	12	14
Schist	SCH	1	1	0	4	6
Sericitic Schist	SSCH	0	0	0	8	8
Mineralized Vein	VN	9	2	0	2	13
	Total	**11**	**6**	**0**	**33**	**50**

Table 4. Distribution of $NP_{Ca}/MPA_{S,ICP}$ Samples

Lithology		$NP_{Ca}/MPA_{S,ICP}$				
Description	**Code**	**< 1**	**1 to 2**	**2 to 3**	**> 3**	**Total**
Chloritic Schist	CHSCH	4	3	6	35	48
Calcareous Quartzite	CQTZT	19	9	7	144	179
Graphitic Schist	GSCH	84	57	55	276	472
Interbedded Carbonaceous Quartzite and Schist	ICQS	33	28	11	98	170
Quartzite	QTZT	794	326	218	1102	2440
Schist	SCH	32	16	13	75	136
Sericite Schist	SSCH	20	18	15	85	138
Thin Bedded Quartzite	TQTZT	112	40	30	161	343
	Total	**1098**	**497**	**355**	**1976**	**3926**

Paste pH

The 37 rock samples (excluding VN) ranged in paste pH from 6.5 to 9.0 with median values of between 8 and 9 except for GSCH, which had a median of 7.5. This indicates that none of the rock lithologies excluding VN were producing net acidity (assuming a cut off of pH 5.5) at the time of analysis. VN showed and mineralized samples showed considerably lower minimum of 6.2 and a maximum of 8.9 with a median of 6.6.

Fizz Rating

The fizz rating used in ABA testing is a ranking system between 1 and 4 to rate the degree of effervescence observed when 25% HCl is added to a pulverized sample. This rating is used to determine the strength of acid to utilize for the neutralizing potential titration. The limited number of samples showed that the median value for most lithologies was 2 except for VN and GNST which had a median of 3 and GSCH, which had a median of 1.

4. DISCUSSION

4.1 GEOCHEMICAL SCREENING CRITERIA

Altura (2008b) conducted geochemical testwork including shake flask extraction tests on 47 samples from waste rock dumps and pit wall dumps from over the KHSD. These samples were collected in 1995-1996 with an excavator but have been at the surface for up to 80 years. This study showed that net acidity and/or Pb and Zn metal leaching (AML) was associated with the following geochemical characteristics:

- Net Acidity: The two key aspects of samples demonstrating leacheate pH ≤ 5.5 are either a calcium level in the rock of ≤ 0.51% or a CO_2 level of ≤ 0.6% coupled with an ICP sulphur level of ≥ 0.25%.
- Zinc Leaching: leaching of zinc to levels ≥ 10 mg/kg appears to occur under two differing conditions: i) solubilisation of zinc under net acidic conditions independent of zinc concentration in rock, and ii) solubilisation of zinc under overall neutral to alkaline conditions where Zn concentrations in rock exceed 5000 ppm.
- Lead Leaching: leaching of lead to levels ≥ 3 mg/kg occurs only under neutral pH conditions where Pb concentrations in rock exceed 5000 ppm.

Altura 2008b indicates that direct application of the factors of ≤0.51% Ca and ≥ S via ICP results in a few samples with NP/MPA marginally above the 1 being classified into the category of having low potential for net acidity. The lower calcium threshold in the weathered site-wide dump samples was attributed to solubilisation and flushing of calcium under ambient site conditions. An adjustment factor for fresh rock samples of 1.5 was applied to the calcium criteria, increasing the threshold to 0.75% Ca. A 1.5% upper threshold for sulphur was also recommended to ensure that high sulphur samples are classified as being P-AML regardless of calcium content.

Geochemical screening criteria to identify P-AML rock, based on review of the Bellekeno ABA dataset and the district wide AML study were presented in Altura 2008b:

a) Ca% ≤ 0.75% and S via ICP ≥ 0.25%
b) Or S via ICP ≥ 1.5%
c) Or Pb ≥ 5000 ppm
d) Or Zn ≥ 5000 ppm

These criteria form the basis for the predictive waste rock classification system and geochemical verification which forms the basis of the Waste Rock Management Plan. The assumptions used in determination of these criteria are equally applicable to Onek. Specifically, the site wide ARD/ML correlation study included samples from Onek waste rock, and the ARD/ML controlling and correlating factors derived therein also apply to Onek. In addition, the conservative adjustment factor of increasing the Ca% by a factor of 1.5 to 0.75% for fresh rock samples is also valid for Onek.

4.2 ESTIMATED PROPORTIONS OF P-AML AND N-AML WASTE ROCK AT ONEK

The geochemical screening criteria are applied to the Onek ICP 4119 sample database in order to identify P-AML samples. Results are shown in Table 5.

GNST, CHSCH, and CQTZT show the lowest percentage of samples indicated as P-AML all at 16% or lower. GSCH, SCH, and SSCH are between 26 and 29% P-AML. The lithologies with the highest proportions of P-AML samples are ICQS (39%), QTZT (44%) and TQTZT (55%).

Table 5. Results of WRMP Geochemical Screening Criteria Applied to Onek Database

Lithology		Number of Samples	# of P-AML Samples	% of P-AML Samples
Description	Code			
Chloritic Schist	CHSCH	48	7	15%
Calcareous Quartzite	CQTZT	179	29	16%
Greenstone	GNST	193	25	13%
Graphitic Schist	GSCH	472	122	26%
Interbedded Carbonaceous Quartzite and Schist	ICQS	170	66	39%
Quartzite	QTZT	2440	1071	44%
Schist	SCH	136	39	29%
Sericite Schist	SSCH	138	39	28%

Thin Bedded Quartzite	TQTZT	343	189	55%

Note: Lithology units with less than 40 samples not included in calculation (CSCH and PHY)

These estimated proportions of P-AML material vary significantly from Bellekeno where QTZT was 22% P-AML and GSCH was 65% P-AML. In general, the schist lithologies at Onek exhibit smaller proportions of P-AML and the QTZT lithologies exhibit greater proportions of P-AML rock. At Bellekeno, the opposite is generally true. This distinction is explained primarily by the observation that the median sulphur value for GSCH at Onek is significantly lower than the median value observed at Bellekeno.

4.3 FIELD SCREENING CRITERIA

Field screening criteria to identify P-AML waste rock derived from both the Bellekeno geoenvironmental characterization study (Altura 2008b) and the site wide ARD/ML correlation study (Altura 2008a) were presented as follows:

a) Slight or no effervescence of pulverized sample with 25% HCl (e.g. presence of none or only a few bubbles), and visual estimated pyrite >0.5%, or;
b) Any sample with one or more of the following:
    a. Visual estimated sphalerite >0.75%
    b. Visual estimated galena > 0.5%
    c. Visual estimated pyrite >2%
    d. Any vein material not deemed to be “mineralized”
    e. Paste pH ≤ 6.0

These field screening criteria were incorporated into the Waste Rock Management Plan and demonstrated to be effective operationally at the Bellekeno Mine since approximately July 2008 and is currently ongoing. These field screening criteria are also valid for Onek. Field screening criteria are subject to minor revision as necessary in response to routine geochemical (ICP and ABA) testing which is also part of the Waste Rock Management Plan

5. CONCLUSIONS

The relationships between ABA parameters and geochemical parameters included in the ICP metals database enabled extension of the database to included a much larger sample set and helped improve the understand the mineralogical controls on buffering and allow a robust verification of that the field screening parameters which help form the basis of the waste rock segregation program are appropriate for the Onek deposit.

The geology and style of mineralization at Onek shares a number of key similarities with the Bellekeno deposit. The deposits occur within the same major lithologic unit and share the same major rock lithologies, and while some differences exist, the style of mineralization is similar. As such, the geochemical and geoenvironmental characteristics of the rocks share a number of significant similarities. The Waste Rock Management Plan is anticipated to be effective for waste rock characterization and management at Onek.

Analysis of the Onek dataset indicated that while much of the rock is unlikely to produce net acidity and/or metal leaching, a significant proportion is indicated to be P-AML. The following key distinctions between Onek and Bellekeno are presented below:

- A higher overall proportion of samples at Onek are indicated by ABA testing and geochemical screening criteria as P-AML when compared with Bellekeno.
- Lithologic associations with P-AML characteristics are distinctly different between Onek and Bellekeno. Quartzites (except for calcareous quartzites) tend to have a greater proportion of samples with low (<2) NP/MPA ratios and a greater proportion of samples indicated by geochemical criteria as P-AML. This is in contrast with Bellekeno where quartzites had generally higher NP/MPA ratios than schist.
- A significantly higher Zn overprint is observed in samples from Onek when compared with Bellekeno which is a result of Onek being a higher zinc content deposit. This partially explains the higher proportion of samples which are indicated to be P-AML.

It is expected that aspects of the Waste Rock Management Plan may require minor modification in response to geochemical verification results and can be modified in response, if required.

6. CLOSURE

We trust this report meets your current needs. If you have any questions or if we can be of further assistance, please contact the undersigned at (867) 668-6463.

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8. ATTACHMENTS

Appendix A1 –A2
Appendix B1 – B2

Appendix A1
ICP Metals Summary Statistics

Selected Elements by Major Lithologies

Statistic	Pb (ppm) | CHSCH	Pb (ppm) | CQTZT	Pb (ppm) | GNST	Pb (ppm) | GSCH	Pb (ppm) | ICQS	Pb (ppm) | QTZT	Pb (ppm) | SCH	Pb (ppm) | SSCH	Pb (ppm) | TQTZT	Pb (ppm) | VN
No. of observations	48	179	193	472	170	2440	136	138	343	266
Minimum	5.0	-2.0	-2.0	-2.0	5.0	-2.0	4.0	-2.0	3.0	31.0
Maximum	1950.0	2240.0	1740.0	34700.0	2420.0	402600.0	33500.0	2510.0	113000.0	483600.0
1st Quartile	12.0	7.0	4.0	14.0	26.0	10.0	12.8	14.0	17.8	612.8
Median	19.0	12.0	8.0	21.0	100.0	38.0	21.5	26.5	123.0	2370.0
3rd Quartile	70.0	28.0	22.0	63.5	335.0	171.0	79.5	146.4	329.5	11962.5
Mean	102.6	89.2	65.8	208.9	262.6	1164.2	652.0	141.2	1019.2	23744.7
Variance (n-1)	84921.3	94175.6	37546.9	3269996.0	171080.1	181335566.0	13883116.6	81326.7	59306422.7	4226565848.4
Standard deviation (n-1)	291.4	306.9	193.8	1808.3	413.6	13466.1	3726.0	285.2	7701.1	65012.0

Statistic	Zn (ppm) | CHSCH	Zn (ppm) | CQTZT	Zn (ppm) | GNST	Zn (ppm) | GSCH	Zn (ppm) | ICQS	Zn (ppm) | QTZT	Zn (ppm) | SCH	Zn (ppm) | SSCH	Zn (ppm) | TQTZT	Zn (ppm) | VN
No. of observations	48	179	193	472	170	2440	136	138	343	266
Minimum	17.0	20.0	24.0	-2.0	90.9	5.0	17.0	37.0	51.0	71.0
Maximum	13300.0	181000.0	43100.0	141500.0	33900.0	555000.0	55900.0	42900.0	330900.0	559200.0
1st Quartile	187.8	101.0	106.0	114.8	461.5	153.8	82.0	200.5	1015.0	31225.0
Median	338.0	256.0	147.0	214.0	2410.0	805.0	160.5	475.5	3380.0	87050.0
3rd Quartile	1057.5	1430.0	439.0	1105.0	5345.0	4115.0	692.0	1515.0	7900.0	211750.0
Mean	1049.3	2854.6	1720.4	2389.7	3794.1	13460.6	2051.6	1812.6	8539.1	141887.7
Variance (n-1)	4442961.9	243790714.8	29644160.2	111387583.7	24688465.8	2660197628.9	58274385.4	21469069.9	520597641.2	19170093944.2
Standard deviation (n-1)	2107.8	15613.8	5444.6	10554.0	4968.7	51577.1	7633.8	4633.5	22816.6	138456.1

Statistic	Al_pct | CHSCH	Al_pct | CQTZT	Al_pct | GNST	Al_pct | GSCH	Al_pct | ICQS	Al_pct | QTZT	Al_pct | SCH	Al_pct | SSCH	Al_pct | TQTZT	Al_pct | VN
No. of observations	48	179	193	472	170	2440	136	138	343	266
Minimum	1.1	0.3	0.2	0.2	0.5	0.0	0.2	2.3	0.3	0.0
Maximum	8.3	8.7	9.8	11.6	10.9	10.2	9.4	7.8	8.9	7.9
1st Quartile	4.8	0.9	6.7	3.6	3.8	0.7	2.0	4.1	1.2	0.1
Median	5.2	1.5	7.4	5.6	5.1	1.3	4.1	4.7	2.0	0.4
3rd Quartile	5.6	2.5	7.9	7.2	6.8	2.6	5.7	5.3	3.1	1.5
Mean	5.0	1.9	6.9	5.4	5.3	1.9	4.1	4.7	2.3	1.0
Variance (n-1)	2.0	2.1	2.8	5.7	4.4	2.7	6.5	0.9	2.0	1.8
Standard deviation (n-1)	1.4	1.5	1.7	2.4	2.1	1.6	2.6	1.0	1.4	1.3

Selected Elements by Major Lithologies

Statistic	As (ppm) | CHSCH	As (ppm) | CQTZT	As (ppm) | GNST	As (ppm) | GSCH	As (ppm) | ICQS	As (ppm) | QTZT	As (ppm) | SCH	As (ppm) | SSCH	As (ppm) | TQTZT	As (ppm) | VN
No. of observations	48	179	193	472	170	2440	136	138	343	266
Minimum	-5.0	-5.0	-5.0	-5.0	4.0	-5.0	-5.0	-5.0	1.0	-5.0
Maximum	304.0	8950.0	10000.0	6690.0	1250.0	10000.0	1635.0	2200.0	10000.0	10000.0
1st Quartile	-5.0	5.0	-1.0	10.0	20.0	7.0	9.0	6.0	13.0	46.3
Median	8.0	9.0	7.0	19.0	37.5	19.0	16.0	16.5	34.0	183.5
3rd Quartile	17.3	14.0	16.0	47.0	85.0	77.0	31.3	46.7	123.0	743.5
Mean	16.5	146.2	67.5	68.6	91.7	326.7	47.0	58.2	293.8	1245.6
Variance (n-1)	2147.8	820277.1	517972.5	116842.3	27582.5	1709855.6	27500.2	40868.5	1241487.0	6376835.6
Standard deviation (n-1)	46.3	905.7	719.7	341.8	166.1	1307.6	165.8	202.2	1114.2	2525.2

Statistic	Ba_ppm | CHSCH	Ba_ppm | CQTZT	Ba_ppm | GNST	Ba_ppm | GSCH	Ba_ppm | ICQS	Ba_ppm | QTZT	Ba_ppm | SCH	Ba_ppm | SSCH	Ba_ppm | TQTZT	Ba_ppm | VN
No. of observations	48	179	193	472	170	2440	136	138	343	266
Minimum	20.0	-10.0	10.0	10.0	50.0	-10.0	30.0	50.0	-10.0	-10.0
Maximum	4960.0	2320.0	6700.0	3820.0	2430.0	6970.0	2820.0	6470.0	3100.0	2750.0
1st Quartile	547.5	145.0	95.0	480.0	600.0	70.0	250.0	1712.5	120.0	-10.0
Median	2280.0	240.0	170.0	740.0	858.5	180.0	495.0	2625.0	260.0	10.0
3rd Quartile	3215.0	410.0	320.0	982.5	1047.5	370.0	790.0	3397.5	518.0	40.0
Mean	2030.6	329.5	433.8	766.5	852.8	255.0	572.7	2557.7	364.6	55.5
Variance (n-1)	2002631.5	89600.3	906123.2	207665.4	157427.9	82898.5	201277.7	1904655.4	114393.8	40035.5
Standard deviation (n-1)	1415.1	299.3	951.9	455.7	396.8	287.9	448.6	1380.1	338.2	200.1

Statistic	Ca (%) | CHSCH	Ca (%) | CQTZT	Ca (%) | GNST	Ca (%) | GSCH	Ca (%) | ICQS	Ca (%) | QTZT	Ca (%) | SCH	Ca (%) | SSCH	Ca (%) | TQTZT	Ca (%) | VN
No. of observations	48	179	193	472	170	2440	136	138	343	266
Minimum	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Maximum	7.4	6.9	11.0	37.9	5.7	7.9	5.0	6.7	10.4	4.5
1st Quartile	0.2	0.8	4.1	0.5	0.2	0.1	0.4	0.2	0.1	0.1
Median	0.4	1.5	6.2	1.1	0.3	0.3	1.0	0.4	0.2	0.1
3rd Quartile	1.4	2.2	7.4	1.7	0.9	1.0	1.7	0.6	0.8	0.1
Mean	1.4	1.6	5.4	1.4	0.7	0.7	1.2	0.6	0.7	0.1
Variance (n-1)	4.1	1.5	6.7	4.1	0.8	0.9	1.0	1.0	1.4	0.1
Standard deviation (n-1)	2.0	1.2	2.6	2.0	0.9	1.0	1.0	1.0	1.2	0.3

Selected Elements by Major Lithologies

Statistic	Cd_ppm | CHSCH	Cd_ppm | CQTZT	Cd_ppm | GNST	Cd_ppm | GSCH	Cd_ppm | ICQS	Cd_ppm | QTZT	Cd_ppm | SCH	Cd_ppm | SSCH	Cd_ppm | TQTZT	Cd_ppm | VN
No. of observations	48	179	193	472	170	2440	136	138	343	266
Minimum	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	0.7
Maximum	293.0	1000.0	452.0	1000.0	742.0	1000.0	540.0	524.0	1000.0	1000.0
1st Quartile	-0.5	0.5	-0.5	-0.5	2.9	0.7	-0.5	0.5	6.0	476.3
Median	1.7	1.3	-0.5	0.8	20.9	5.3	0.6	1.6	32.2	1000.0
3rd Quartile	8.1	5.6	1.6	6.4	58.1	37.5	4.2	9.5	87.8	1000.0
Mean	12.6	18.6	13.9	22.0	54.6	89.5	18.4	18.9	96.1	747.3
Variance (n-1)	1869.0	10551.2	2592.5	9510.3	10953.3	53248.6	5711.1	3254.3	36031.2	117008.6
Standard deviation (n-1)	43.2	102.7	50.9	97.5	104.7	230.8	75.6	57.0	189.8	342.1

Statistic	Fe (%) | CHSCH	Fe (%) | CQTZT	Fe (%) | GNST	Fe (%) | GSCH	Fe (%) | ICQS	Fe (%) | QTZT	Fe (%) | SCH	Fe (%) | SSCH	Fe (%) | TQTZT	Fe (%) | VN
No. of observations	48	179	193	472	170	2440	136	138	343	266
Minimum	1.2	0.5	0.8	0.2	1.1	0.2	0.5	1.4	0.5	1.4
Maximum	12.1	19.8	16.9	22.4	20.6	34.0	23.2	12.1	27.8	38.4
1st Quartile	2.9	0.9	7.2	2.4	3.1	1.1	1.8	2.9	1.7	11.4
Median	3.2	1.3	7.9	3.2	3.9	1.8	2.8	3.3	2.7	16.2
3rd Quartile	4.8	1.9	8.9	4.0	4.9	3.2	3.6	3.9	4.2	23.0
Mean	3.9	1.9	7.8	3.4	4.4	3.3	3.0	3.9	3.6	17.1
Variance (n-1)	4.4	6.1	6.2	4.6	5.4	22.4	4.9	3.2	9.1	69.6
Standard deviation (n-1)	2.1	2.5	2.5	2.1	2.3	4.7	2.2	1.8	3.0	8.3

Statistic	Mg (%) | CHSCH	Mg (%) | CQTZT	Mg (%) | GNST	Mg (%) | GSCH	Mg (%) | ICQS	Mg (%) | QTZT	Mg (%) | SCH	Mg (%) | SSCH	Mg (%) | TQTZT	Mg (%) | VN
No. of observations	48	179	193	472	170	2440	136	138	343	266
Minimum	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Maximum	3.7	1.4	4.6	4.1	1.7	3.8	2.0	3.5	1.3	2.8
1st Quartile	0.9	0.1	2.6	0.3	0.2	0.1	0.2	0.6	0.1	0.2
Median	1.0	0.2	3.1	0.4	0.3	0.2	0.3	0.9	0.2	0.3
3rd Quartile	1.2	0.3	3.6	0.6	0.5	0.3	0.5	1.1	0.3	0.4
Mean	1.2	0.3	2.9	0.5	0.4	0.2	0.4	0.9	0.2	0.3
Variance (n-1)	0.5	0.0	1.0	0.2	0.1	0.1	0.1	0.3	0.0	0.0
Standard deviation (n-1)	0.7	0.2	1.0	0.4	0.3	0.3	0.3	0.5	0.2	0.2

Selected Elements by Major Lithologies

Statistic	Mn (ppm) | CHSCH	Mn (ppm) | CQTZT	Mn (ppm) | GNST	Mn (ppm) | GSCH	Mn (ppm) | ICQS	Mn (ppm) | QTZT	Mn (ppm) | SCH	Mn (ppm) | SSCH	Mn (ppm) | TQTZT	Mn (ppm) | VN
No. of observations	48	179	193	472	170	2440	136	138	343	266
Minimum	105.0	49.0	151.0	29.0	79.0	9.0	94.0	116.0	84.0	108.0
Maximum	12000.0	71000.0	13450.0	69900.0	33600.0	100000.0	72400.0	30400.0	65900.0	100000.0
1st Quartile	1027.5	155.0	1270.0	210.8	616.3	268.8	209.8	1347.5	1165.0	18625.0
Median	1237.5	268.0	1430.0	330.5	1817.5	1155.0	348.5	2430.0	3600.0	33850.0
3rd Quartile	1987.5	992.5	2160.0	1471.3	5132.5	4680.0	2682.5	4277.5	7960.0	58200.0
Mean	1843.6	2083.1	2353.2	2240.5	3812.1	5825.5	2542.3	3828.8	6133.4	38577.0
Variance (n-1)	3944523.5	51754733.0	6305775.3	34061260.1	25027350.5	168407718.7	48949157.6	19381231.5	63047584.9	657428101.8
Standard deviation (n-1)	1986.1	7194.1	2511.1	5836.2	5002.7	12977.2	6996.4	4402.4	7940.3	25640.4

Statistic	S (%) | CHSCH	S (%) | CQTZT	S (%) | GNST	S (%) | GSCH	S (%) | ICQS	S (%) | QTZT	S (%) | SCH	S (%) | SSCH	S (%) | TQTZT	S (%) | VN
No. of observations	48.00	179.00	193.00	472.00	170.00	2440.00	136.00	138.00	343.00	266.00
Minimum	0.01	0.04	-0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02
Maximum	1.32	10.00	5.32	6.81	5.44	10.00	4.90	2.14	10.00	10.00
1st Quartile	0.10	0.14	0.03	0.13	0.05	0.12	0.14	0.09	0.11	2.20
Median	0.14	0.21	0.09	0.29	0.14	0.29	0.32	0.14	0.23	6.14
3rd Quartile	0.29	0.36	0.20	0.64	0.43	0.70	0.63	0.33	0.65	10.00
Mean	0.24	0.45	0.21	0.51	0.34	0.92	0.53	0.29	0.64	5.90
Variance (n-1)	0.06	1.19	0.22	0.56	0.32	3.55	0.44	0.14	1.40	14.52
Standard deviation (n-1)	0.25	1.09	0.47	0.75	0.56	1.88	0.66	0.37	1.18	3.81

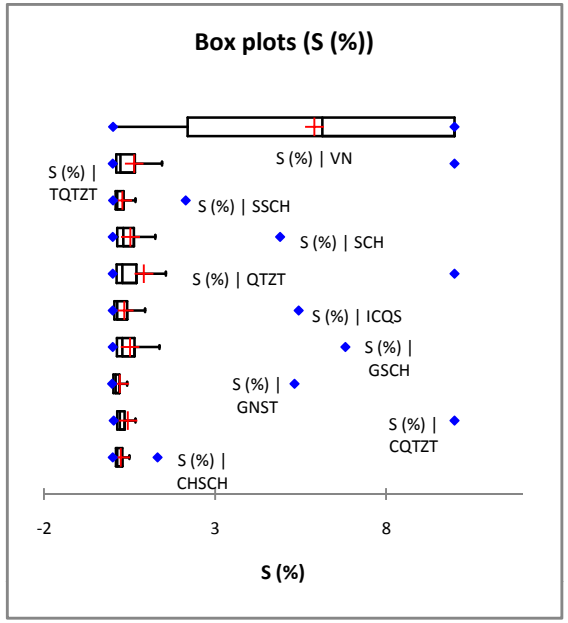
Selected Elements by Mineralized/Non-Mineralized

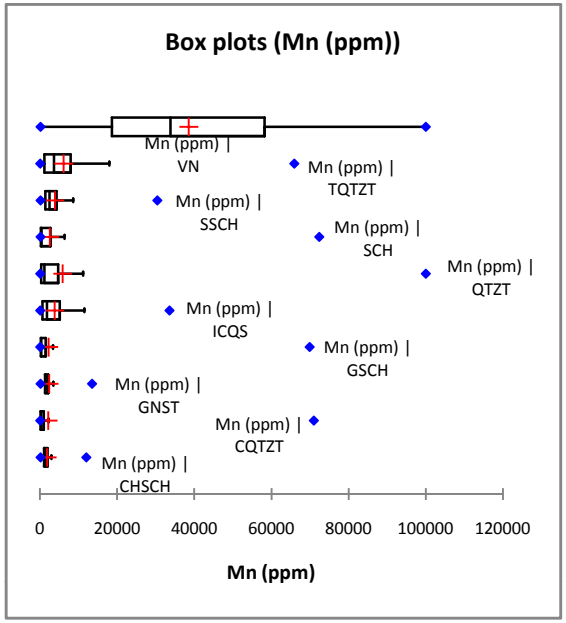
Statistic	S (%) | Mineralized	S (%) | Non-Mineralized	Mn (ppm) | Mineralized	Mn (ppm) | Non-Mineralized	Mg (%) | Mineralized	Mg (%) | Non-Mineralized	Fe (%) | Mineralized	Fe (%) | Non-Mineralized	Cd (ppm) | Mineralized	Cd (ppm) | Non-Mineralized
No. of observations	1075.0	3310.0	1075.0	3310.0	1075.0	3310.0	1075.0	3310.0	1075.0	3310.0
Minimum	0.0	0.0	118.0	9.0	0.0	0.0	0.6	0.2	1.8	-0.5
Maximum	10.0	10.0	100000.0	84800.0	4.1	4.6	38.4	31.1	1000.0	1000.0
1st Quartile	0.5	0.1	5050.0	229.0	0.1	0.1	3.3	1.2	79.7	-0.5
Median	1.5	0.2	12200.0	681.5	0.2	0.2	7.0	2.0	217.0	1.6
3rd Quartile	5.0	0.4	30450.0	2150.0	0.3	0.5	14.4	3.3	959.5	9.4
Mean	3.2	0.4	21850.5	1989.5	0.3	0.5	9.9	2.6	420.4	8.9
Variance (n-1)	12.2	0.3	525652047	17250928	0.2	0.5	68.5	4.9	151840.4	640.9
Standard deviation (n-1)	3.5	0.5	22927.1	4153.4	0.4	0.7	8.3	2.2	389.7	25.3

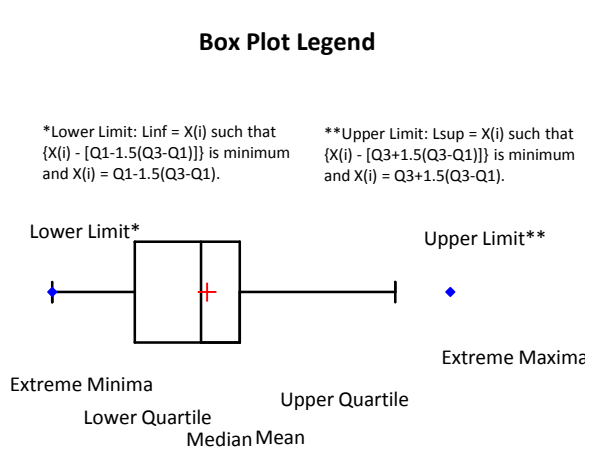
Statistic	Ca (%) | Mineralized	Ca (%) | Non-Mineralized	Ba (ppm) | Mineralized	Ba (ppm) | Non-Mineralized	As (ppm) | Mineralized	As (ppm) | Non-Mineralized	Al (%) | Mineralized	Al (%) | Non-Mineralized	Zn (ppm) | Mineralized	Zn (ppm) | Non-Mineralized
No. of observations	1075.0	3310.0	1075.0	3310.0	1075.0	3310.0	1075.0	3310.0	1075.0	3310.0
Minimum	0.0	0.0	-10.0	-10.0	-5.0	-5.0	0.0	0.2	1240.0	-2.0
Maximum	7.3	37.9	3100.0	6970.0	10000.0	10000.0	9.6	11.6	559200.0	4990.0
1st Quartile	0.1	0.2	10.0	140.0	40.0	6.6	0.5	1.0	7865.0	116.0
Median	0.1	0.7	70.0	310.0	125.0	14.0	1.2	2.4	17400.0	329.0
3rd Quartile	0.2	1.6	230.0	640.0	513.0	33.0	2.4	4.8	70150.0	1370.0
Mean	0.3	1.2	175.6	529.0	924.4	102.1	1.8	3.1	68481.4	934.4
Variance (n-1)	0.3	3.1	84909	515239	4599269	428664.2	3.6	5.9	11773299779	1432608.0
Standard deviation (n-1)	0.6	1.7	291.4	717.8	2144.6	654.7	1.9	2.4	108504.8	1196.9

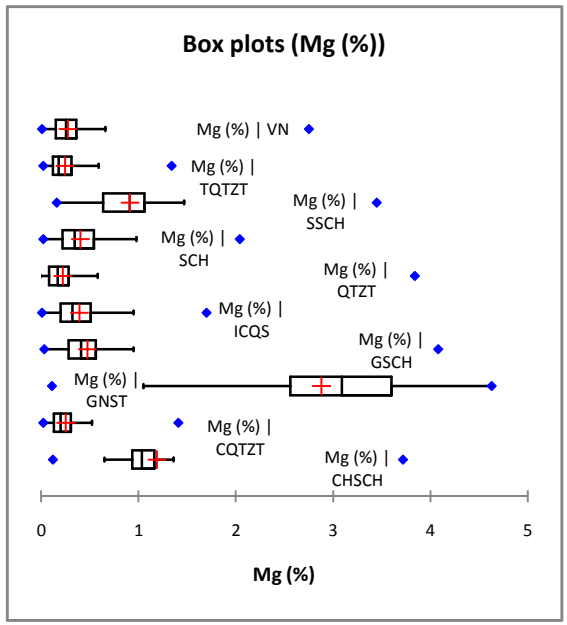
Statistic	Pb (ppm) | Mineralized	Pb (ppm) | Non-Mineralized
No. of observations	1075.0	3310.0
Minimum	3.0	-2.0
Maximum	483600.0	3740.0
1st Quartile	165.0	9.0
Median	447.0	19.0
3rd Quartile	1740.0	78.0
Mean	8843.8	85.9
Variance (n-1)	1541498599	43131.6
Standard deviation (n-1)	39261.9	207.7

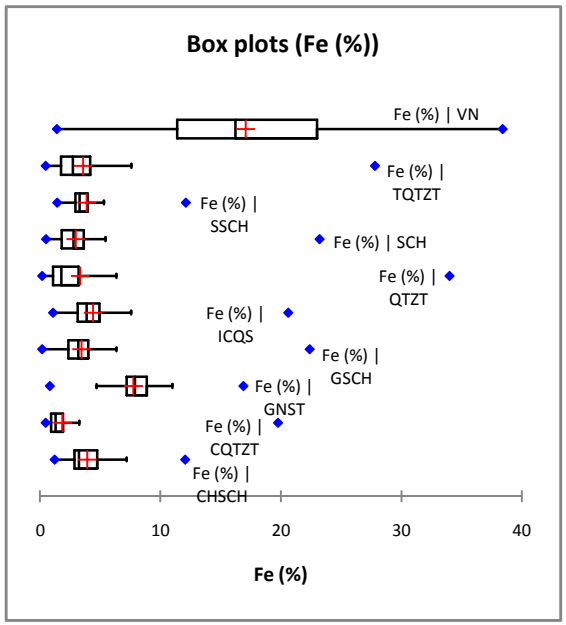
By Lithology

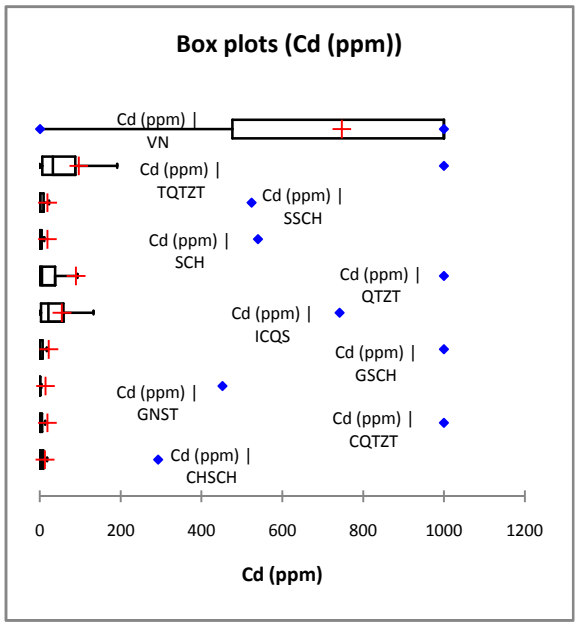




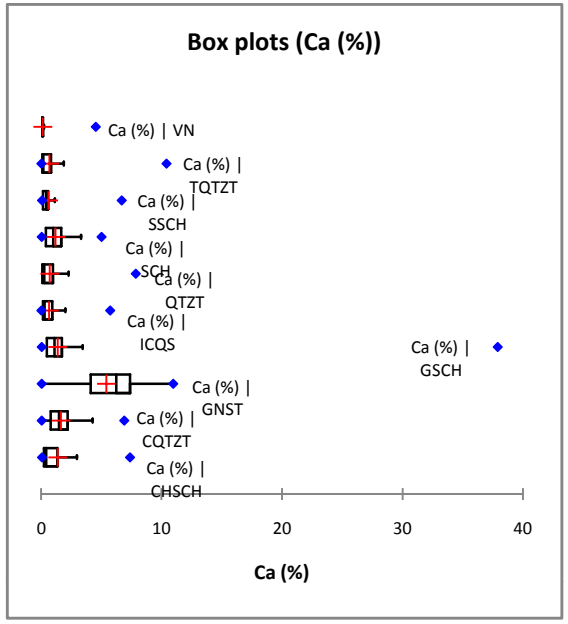


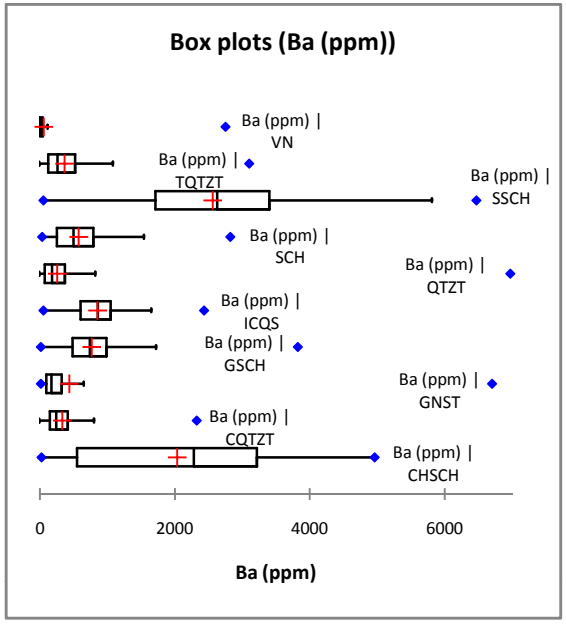


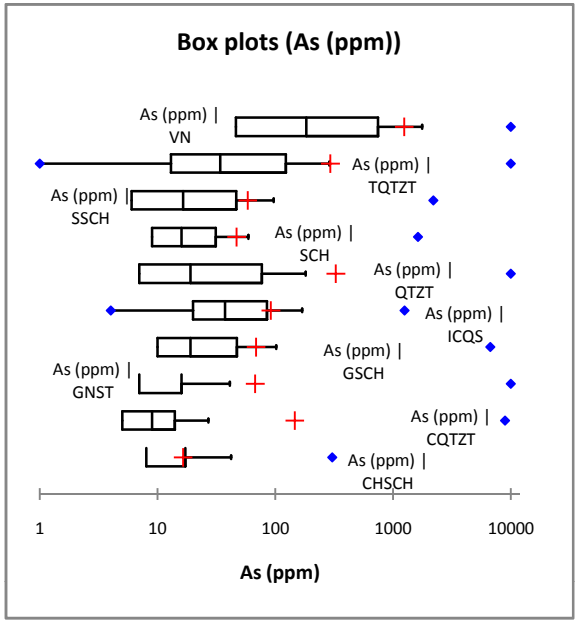


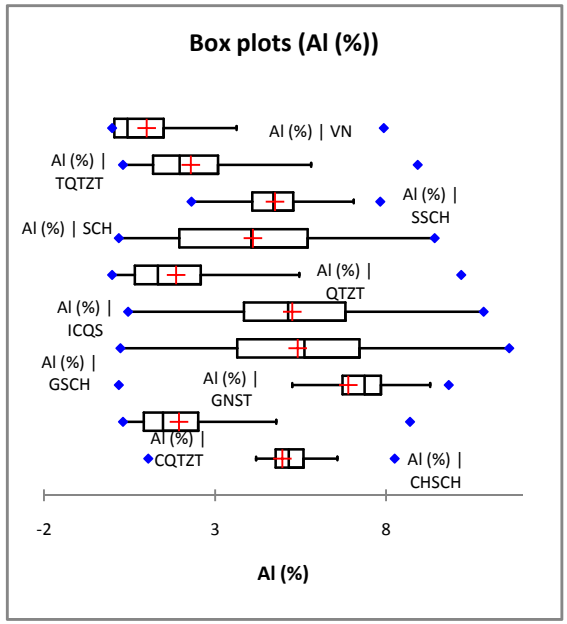


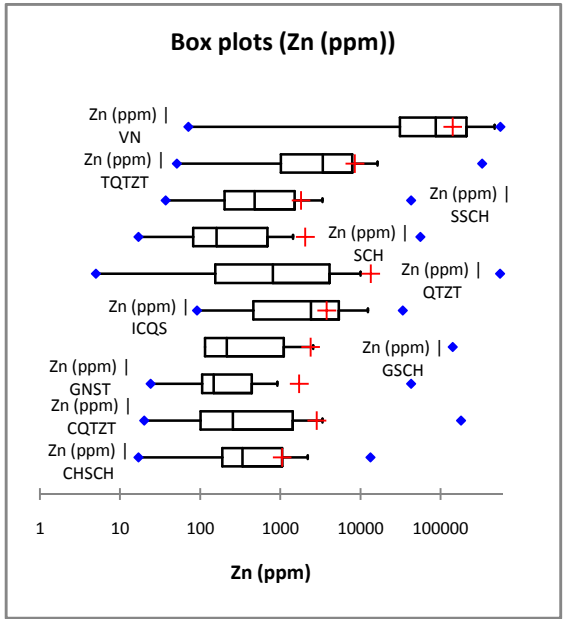
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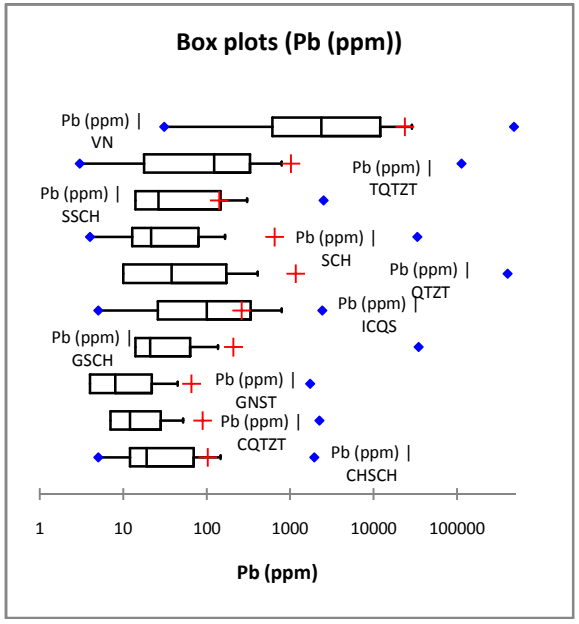




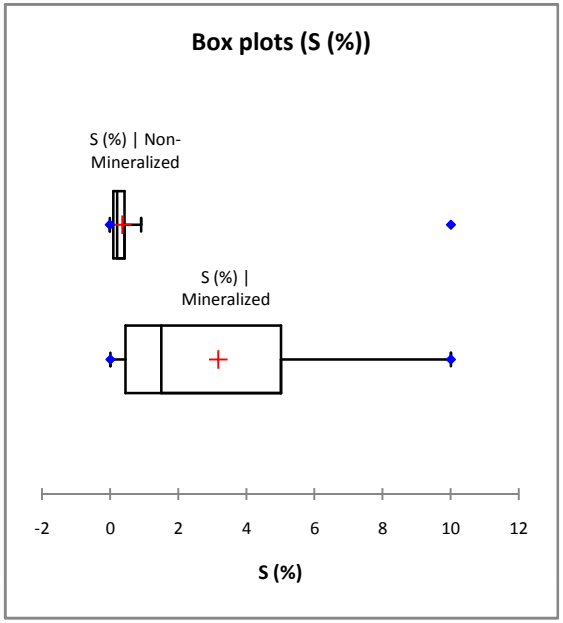


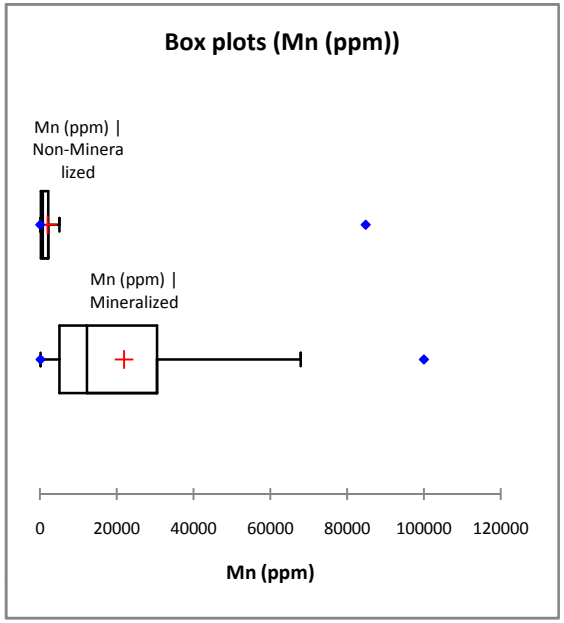


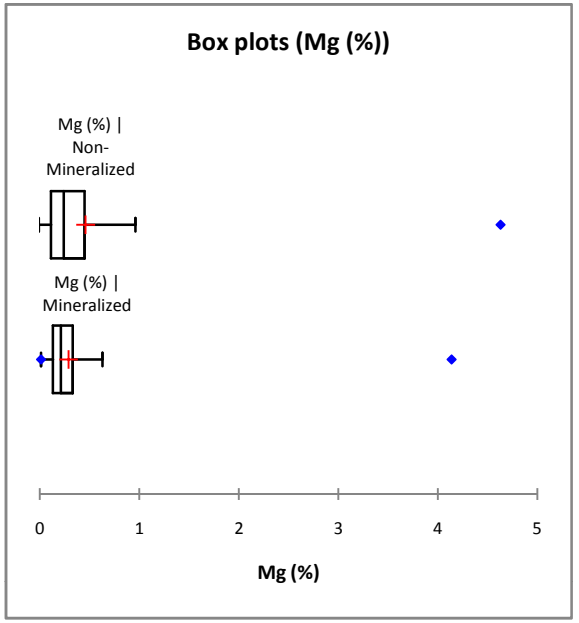


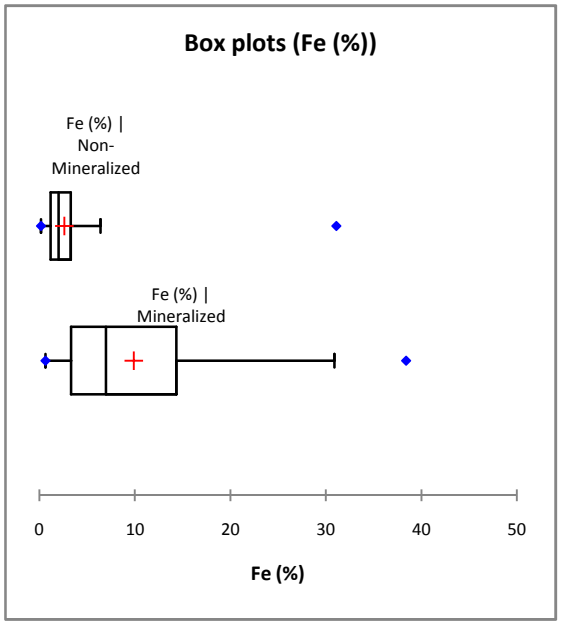


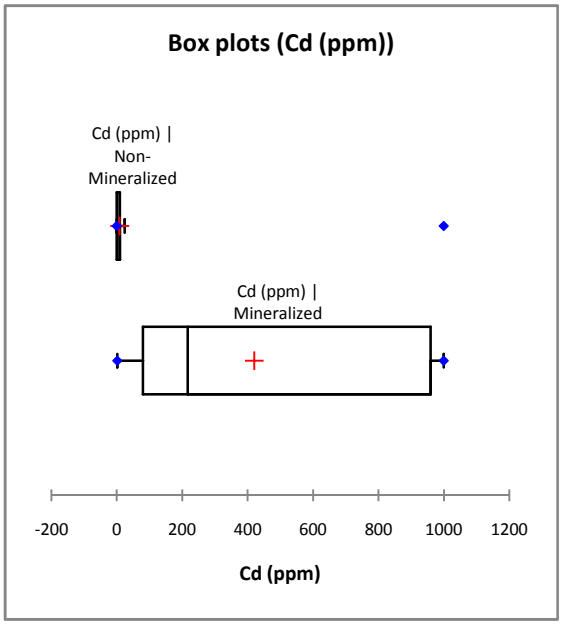
By Mineralized/Non-Mineralized

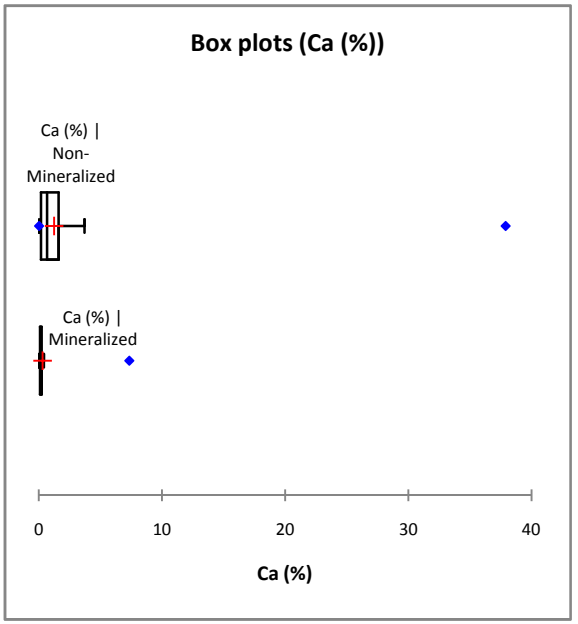




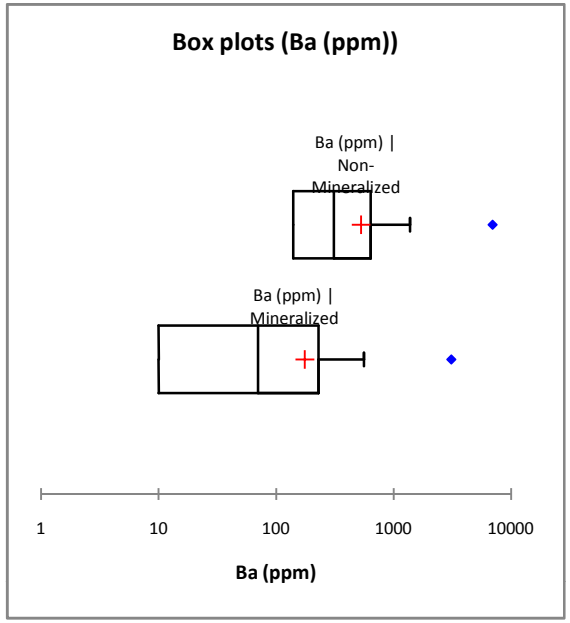


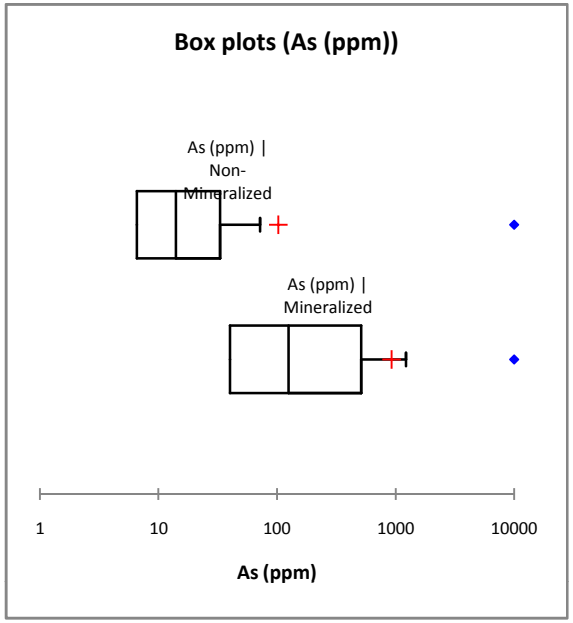


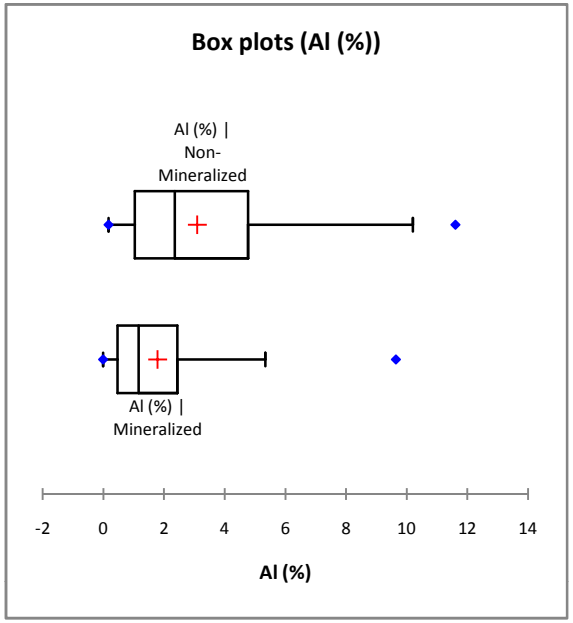


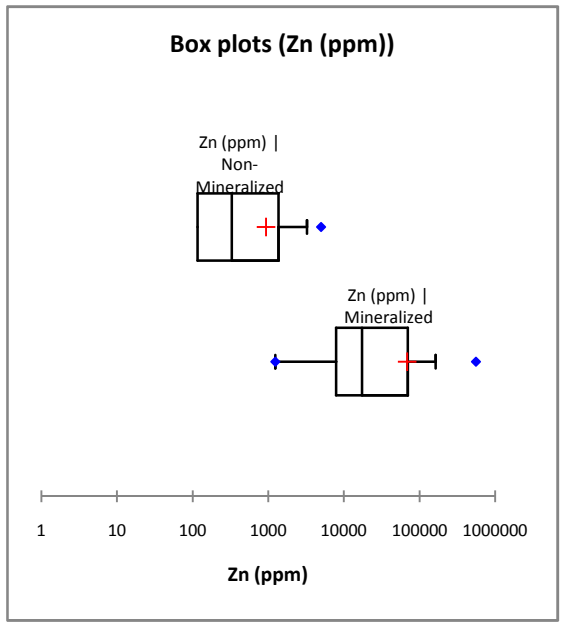


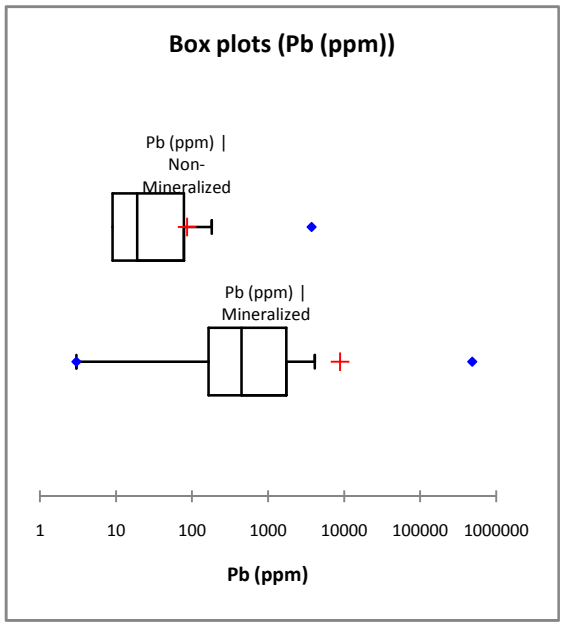
By Mineralized/Non-Mineralized











Summary Statistics by Lithology

Statistic	MPA (kg CaCO3/t) | CHSCH	MPA (kg CaCO3/t) | GNST	MPA (kg CaCO3/t) | GSCH	MPA (kg CaCO3/t) | QTZT	MPA (kg CaCO3/t) | SCH	MPA (kg CaCO3/t) | SSCH	MPA (kg CaCO3/t) | VN	FIZ_RATE | CHSCH	FIZ_RATE | GNST	FIZ_RATE | GSCH	FIZ_RATE | QTZT
No. of observations	1	3	5	14	6	8	13	1	3	5	14
Minimum	0.000	0.000	0.625	1.563	5.000	5.625	30.938	2.000	2.000	1.000	1.000
Maximum	0.000	0.469	1.875	5.156	6.250	29.688	768.750	2.000	3.000	2.000	2.000
1st Quartile	0.000	0.000	0.938	2.383	5.625	11.172	128.750	2.000	2.500	1.000	2.000
Median	0.000	0.000	1.094	2.813	5.938	13.438	332.188	2.000	3.000	1.000	2.000
3rd Quartile	0.000	0.234	1.250	3.750	6.250	27.266	530.938	2.000	3.000	1.000	2.000
Mean	0.000	0.156	1.156	3.002	5.833	17.227	350.433	350.433	2.667	1.200	1.786
Variance (n-1)		0.073	0.215	0.981	0.260	92.674	59200.448		0.333	0.200	0.181
Standard deviation (n-1)		0.271	0.464	0.990	0.510	9.627	243.311		0.577	0.447	0.426

Statistic	FIZ_RATE | SCH	FIZ_RATE | SSCH	FIZ_RATE | VN	NNP (kg CaCO3/t) | CHSCH	NNP (kg CaCO3/t) | GNST	NNP (kg CaCO3/t) | GSCH	NNP (kg CaCO3/t) | QTZT	NNP (kg CaCO3/t) | SCH	NNP (kg CaCO3/t) | SSCH	NNP (kg CaCO3/t) | VN	NP (kg CaCO3/t) | CHSCH
No. of observations	6	8	13	1	3	5	14	6	8	13	1
Minimum	2.000	2.000	2.000	21.000	7.000	-0.094	3.250	18.750	-3.688	-644.750	21.000
Maximum	2.000	2.000	3.000	21.000	118.531	31.375	40.500	66.375	68.813	287.125	21.000
1st Quartile	2.000	2.000	2.000	21.000	49.000	0.750	14.352	29.719	24.063	-369.938	21.000
Median	2.000	2.000	3.000	21.000	91.000	6.125	23.563	31.375	32.938	-106.813	21.000
3rd Quartile	2.000	2.000	3.000	21.000	104.766	7.063	34.367	37.063	46.953	30.813	21.000
Mean	2.000	2.000	2.615	2.615	72.177	9.044	23.569	36.000	34.398	-184.663	-184.663
Variance (n-1)	0.000	0.000	0.256		3375.532	165.852	154.132	263.044	474.605	80175.893	
Standard deviation (n-1)	0.000	0.000	0.506		58.099	12.878	12.415	16.219	21.785	283.153	

Statistic	NP (kg CaCO3/t) | GNST	NP (kg CaCO3/t) | GSCH	NP (kg CaCO3/t) | QTZT	NP (kg CaCO3/t) | SCH	NP (kg CaCO3/t) | SSCH	NP (kg CaCO3/t) | VN	pH | CHSCH	pH | GNST	pH | GSCH	pH | QTZT	pH | SCH
No. of observations	3	5	14	6	8	13	1	3	5	14	6
Minimum	7.000	1.000	7.000	25.000	26.000	26.000	8.900	8.400	6.500	7.400	7.800
Maximum	119.000	32.000	43.000	72.000	81.000	364.000	8.900	9.000	9.000	9.000	9.000
1st Quartile	49.000	2.000	17.750	35.500	46.250	54.000	8.900	8.450	7.100	8.425	8.700
Median	91.000	8.000	27.000	37.000	54.500	124.000	8.900	8.500	7.500	8.600	8.750
3rd Quartile	105.000	8.000	36.750	43.000	56.500	256.000	8.900	8.750	8.000	8.850	8.875
Mean	72.333	10.200	26.571	41.833	51.625	165.769	165.769	8.633	7.620	8.479	8.650
Variance (n-1)	3397.333	159.200	150.418	259.367	283.125	16282.692		0.103	0.897	0.234	0.187
Standard deviation (n-1)	58.287	12.617	12.264	16.105	16.826	127.604		0.321	0.947	0.484	0.432

Summary Statistics by Lithology

Statistic	pH | SSCH	pH | VN	NP/MPA | CHSCH	NP/MPA | GNST	NP/MPA | GSCH	NP/MPA | QTZT	NP/MPA | SCH	NP/MPA | SSCH	NP/MPA | VN	STOT | CHSCH	STOT | GNST
No. of observations	8	13	1	3	5	14	6	8	13	1	3
Minimum	8.100	6.200	33.600	11.200	0.800	1.600	3.640	0.830	0.070	0.020	0.020
Maximum	9.000	8.900	33.600	190.400	20.480	15.290	10.970	6.170	4.640	0.020	0.020
1st Quartile	8.550	6.600	33.600	78.400	1.070	5.155	5.263	1.845	0.160	0.020	0.020
Median	8.600	6.600	33.600	145.600	3.660	7.320	5.915	3.525	0.420	0.020	0.020
3rd Quartile	8.800	7.000	33.600	168.000	6.400	11.443	6.253	4.890	1.090	0.020	0.020
Mean	8.613	6.900	6.900	115.733	6.482	8.291	6.308	3.524	1.021	1.021	0.020
Variance (n-1)	0.076	0.437		8697.173	66.372	18.925	6.141	3.887	2.020		0.000
Standard deviation (n-1)	0.275	0.661		93.259	8.147	4.350	2.478	1.971	1.421		0.000

Statistic	STOT | GSCH	STOT | QTZT	STOT | SCH	STOT | SSCH	STOT | VN	SO4(Carb) | CHSCH	SO4(Carb) | GNST	SO4(Carb) | GSCH	SO4(Carb) | QTZT	SO4(Carb) | SCH	SO4(Carb) | SSCH
No. of observations	5	14	6	8	13	1	3	5	14	6	8
Minimum	0.040	0.070	0.190	0.270	1.040	0.020	0.005	0.005	0.005	0.020	0.010
Maximum	0.070	0.170	0.230	1.000	24.700	0.020	0.030	0.030	0.050	0.030	0.120
1st Quartile	0.040	0.090	0.203	0.383	4.140	0.020	0.013	0.010	0.010	0.023	0.028
Median	0.050	0.100	0.215	0.475	10.700	0.020	0.020	0.010	0.010	0.030	0.040
3rd Quartile	0.060	0.130	0.228	0.925	17.150	0.020	0.025	0.020	0.010	0.030	0.060
Mean	0.052	0.109	0.213	0.599	11.282	11.282	0.018	0.015	0.013	0.027	0.048
Variance (n-1)	0.000	0.001	0.000	0.093	60.959		0.000	0.000	0.000	0.000	0.001
Standard deviation (n-1)	0.013	0.030	0.016	0.305	7.808		0.013	0.010	0.011	0.005	0.035

Statistic	SO4(Carb) | VN	SO4(HCl) | CHSCH	SO4(HCl) | GNST	SO4(HCl) | GSCH	SO4(HCl) | QTZT	SO4(HCl) | SCH	SO4(HCl) | SSCH	SO4(HCl) | VN	SSulphide | CHSCH	SSulphide | GNST	SSulphide | GSCH
No. of observations	13	1	3	5	14	6	8	13	1	3	5
Minimum	0.010	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.000	0.000	0.020
Maximum	0.160	0.005	0.010	0.020	0.010	0.020	0.100	0.120	0.000	0.015	0.060
1st Quartile	0.050	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.000	0.000	0.030
Median	0.060	0.005	0.005	0.005	0.005	0.005	0.005	0.010	0.000	0.000	0.035
3rd Quartile	0.090	0.005	0.008	0.010	0.010	0.009	0.010	0.060	0.000	0.008	0.040
Mean	0.068	0.068	0.007	0.009	0.007	0.008	0.018	0.033	0.033	0.005	0.037
Variance (n-1)	0.002		0.000	0.000	0.000	0.000	0.001	0.002		0.000	0.000
Standard deviation (n-1)	0.043		0.003	0.007	0.003	0.006	0.033	0.042		0.009	0.015

Summary Statistics by Lithology

Statistic	SSulphide | QTZT	SSulphide | SCH	SSulphide | SSCH	SSulphide | VN	CTOT | CHSCH	CTOT | GNST	CTOT | GSCH	CTOT | QTZT	CTOT | SCH	CTOT | SSCH	CTOT | VN
No. of observations	14	6	8	13	1	3	5	14	6	8	13
Minimum	0.050	0.160	0.180	0.990	0.090	0.120	0.025	0.060	0.340	0.025	0.590
Maximum	0.165	0.200	0.950	24.600	0.090	0.960	1.190	0.780	0.770	1.060	8.650
1st Quartile	0.076	0.180	0.358	4.120	0.090	0.335	0.025	0.278	0.470	0.515	2.200
Median	0.090	0.190	0.430	10.630	0.090	0.550	0.190	0.455	0.490	0.705	2.950
3rd Quartile	0.120	0.200	0.873	16.990	0.090	0.755	0.600	0.560	0.630	0.783	5.200
Mean	0.096	0.187	0.551	11.214	11.214	0.543	0.406	0.431	0.538	0.633	3.713
Variance (n-1)	0.001	0.000	0.095	60.621		0.176	0.247	0.045	0.024	0.095	5.262
Standard deviation (n-1)	0.032	0.016	0.308	7.786		0.420	0.497	0.212	0.155	0.308	2.294

Statistic	CO2TOT | CHSCH	CO2TOT | GNST	CO2TOT | GSCH	CO2TOT | QTZT	CO2TOT | SCH	CO2TOT | SSCH	CO2TOT | VN
No. of observations	1	3	5	14	6	8	13
Minimum	0.300	0.500	0.100	0.200	1.300	0.100	2.100
Maximum	0.300	3.500	4.400	2.800	2.800	3.900	31.700
1st Quartile	0.300	1.250	0.100	1.050	1.700	1.900	8.100
Median	0.300	2.000	0.700	1.650	1.800	2.550	10.800
3rd Quartile	0.300	2.750	2.200	2.025	2.275	2.850	19.000
Mean	3.713	2.000	1.500	1.579	1.967	2.313	13.600
Variance (n-1)		2.250	3.365	0.585	0.295	1.270	70.883
Standard deviation (n-1)		1.500	1.834	0.765	0.543	1.127	8.419

Summary Statistics by Mineralized/Non-Mineralized

Statistic	MPA (kg CaCO3/t) | Mineralized	MPA (kg CaCO3/t) | Non-Mineralized	FIZ_RATE | Mineralized	FIZ_RATE | Non-Mineralized	NNP (kg CaCO3/t) | Mineralized	NNP (kg CaCO3/t) | Non-Mineralized	NP (kg CaCO3/t) | Mineralized	NP (kg CaCO3/t) | Non-Mineralized	pH | Mineralized	pH | Non-Mineralized	NP/MPA | Mineralized
No. of observations	13	37	13	37	13	37	13	37	13	37	13
Minimum	30.938	0.000	2.000	1.000	-644.750	-3.688	26.000	1.000	6.200	6.500	0.070
Maximum	768.750	29.688	3.000	3.000	287.125	118.531	364.000	119.000	8.900	9.000	4.640
1st Quartile	128.750	1.875	2.000	2.000	-369.938	13.188	54.000	21.000	6.600	8.400	0.160
Median	332.188	3.750	3.000	2.000	-106.813	26.875	124.000	32.000	6.600	8.600	0.420
3rd Quartile	530.938	6.250	3.000	2.000	30.813	38.750	256.000	45.000	7.000	8.900	1.090
Mean	350.433	5.976	2.615	1.865	-184.663	29.835	165.769	35.811	6.900	8.443	1.021
Variance (n-1)	59200.448	57.049	0.256	0.231	80175.893	628.276	16282.692	654.991	0.437	0.348	2.020
Standard deviation (n-1)	243.311	7.553	0.506	0.481	283.153	25.065	127.604	25.593	0.661	0.590	1.421

Statistic	NP/MPA | Non-Mineralized	STOT | Mineralized	STOT | Non-Mineralized	SO4(Carb) | Mineralized	SO4(Carb) | Non-Mineralized	SO4(HCl) | Mineralized	SO4(HCl) | Non-Mineralized	SSulphide | Mineralized	SSulphide | Non-Mineralized	CTOT | Mineralized	CTOT | Non-Mineralized
No. of observations	37	13	37	13	37	13	37	13	37	13	37
Minimum	0.800	1.040	0.020	0.010	0.005	0.005	0.005	0.990	0.000	0.590	0.025
Maximum	190.400	24.700	1.000	0.160	0.120	0.120	0.100	24.600	0.950	8.650	1.190
1st Quartile	3.790	4.140	0.070	0.050	0.010	0.005	0.005	4.120	0.060	2.200	0.260
Median	5.910	10.700	0.130	0.060	0.020	0.010	0.005	10.630	0.120	2.950	0.500
3rd Quartile	10.970	17.150	0.230	0.090	0.030	0.060	0.010	16.990	0.200	5.200	0.670
Mean	16.090	11.282	0.214	0.068	0.023	0.033	0.010	11.214	0.191	3.713	0.489
Variance (n-1)	1422.425	60.959	0.063	0.002	0.000	0.002	0.000	60.621	0.058	5.262	0.087
Standard deviation (n-1)	37.715	7.808	0.252	0.043	0.022	0.042	0.016	7.786	0.242	2.294	0.295

Statistic	CO2TOT | Mineralized	CO2TOT | Non-Mineralized
No. of observations	13	37
Minimum	2.100	0.100
Maximum	31.700	4.400
1st Quartile	8.100	1.000
Median	10.800	1.800
3rd Quartile	19.000	2.400
Mean	13.600	1.789
Variance (n-1)	70.883	1.158
Standard deviation (n-1)	8.419	1.076

Calculated ABA Parameters via ICP, by Lithology

Statistic	MPAS(kg CaCO3/t) | CHSCH	MPAS(kg CaCO3/t) | CQTZT	MPAS(kg CaCO3/t) | GSCH	MPAS(kg CaCO3/t) | ICQS	MPAS(kg CaCO3/t) | QTZT	MPAS(kg CaCO3/t) | SCH	MPAS(kg CaCO3/t) | SSCH	MPAS(kg CaCO3/t) | TQTZT	NNPICP(kg CaCO3/t) | CHSCH	NNPICP(kg CaCO3/t) | CQTZT	NNPICP(kg CaCO3/t) | GSCH
No. of observations	46	169	432	125	1894	126	128	206	46	169	432
Minimum	0.313	1.250	0.313	0.156	0.156	0.313	0.625	0.250	-30.642	-241.673	-98.911
Maximum	41.250	251.250	113.125	45.625	312.500	55.625	49.688	90.938	196.562	171.383	974.669
1st Quartile	3.125	4.063	3.750	1.250	3.125	4.063	2.836	2.500	8.894	20.841	10.544
Median	4.375	6.250	8.438	2.500	6.875	9.375	4.063	5.328	14.496	36.802	29.170
3rd Quartile	6.172	10.313	17.813	10.656	13.438	18.672	8.906	10.234	37.818	57.775	42.940
Mean	6.848	10.925	13.041	7.342	11.513	13.462	7.566	10.367	36.720	39.604	31.367
Variance (n-1)	52.877	519.780	193.982	86.458	345.683	150.895	74.599	218.475	2845.739	1722.188	3165.742
Standard deviation (n-1)	7.272	22.799	13.928	9.298	18.593	12.284	8.637	14.781	53.345	41.499	56.265

Statistic	NNPICP(kg CaCO3/t) | ICQS	NNPICP(kg CaCO3/t) | QTZT	NNPICP(kg CaCO3/t) | SCH	NNPICP(kg CaCO3/t) | SSCH	NNPICP(kg CaCO3/t) | TQTZT	NPCa (kg CaCO3/t) | CHSCH	NPCa (kg CaCO3/t) | CQTZT	NPCa (kg CaCO3/t) | GSCH	NPCa (kg CaCO3/t) | ICQS	NPCa (kg CaCO3/t) | QTZT	NPCa (kg CaCO3/t) | SCH
No. of observations	125	1894	126	128	206	46	169	432	125	1894	126
Minimum	-33.729	-296.997	-39.371	-39.853	-82.133	9.062	8.289	8.031	7.516	7.258	7.774
Maximum	149.717	207.990	121.491	175.973	266.186	196.874	184.508	983.419	154.623	209.240	136.331
1st Quartile	7.664	3.179	3.072	7.304	4.320	14.214	29.157	23.425	11.381	9.835	21.299
Median	11.855	9.879	26.579	12.353	10.207	17.821	45.903	37.916	17.821	17.306	35.340
3rd Quartile	28.033	28.230	39.274	17.150	31.698	49.381	65.225	52.859	33.794	37.852	50.540
Mean	19.779	16.672	25.575	15.810	21.254	43.567	50.528	44.407	27.121	28.185	39.037
Variance (n-1)	679.822	1049.967	775.524	744.484	1692.236	2814.639	1013.394	2871.100	615.112	692.880	633.784
Standard deviation (n-1)	26.073	32.403	27.848	27.285	41.137	53.053	31.834	53.583	24.801	26.323	25.175

Statistic	NPCa (kg CaCO3/t) | SSCH	NPCa (kg CaCO3/t) | TQTZT	NP/MPAICP | CHSCH	NP/MPAICP | CQTZT	NP/MPAICP | GSCH	NP/MPAICP | ICQS	NP/MPAICP | QTZT	NP/MPAICP | SCH	NP/MPAICP | SSCH	NP/MPAICP | TQTZT
No. of observations	128	206	46	169	432	125	1894	126	128	206
Minimum	8.547	7.516	0.257	0.038	0.126	0.261	0.035	0.255	0.198	0.097
Maximum	179.098	274.936	629.997	52.180	659.676	63.425	263.956	127.103	83.863	63.102
1st Quartile	11.123	9.577	3.170	3.777	1.910	1.882	1.353	1.226	2.205	1.505
Median	18.337	15.760	4.497	6.271	4.850	9.063	3.419	4.639	4.309	4.752
3rd Quartile	22.265	38.818	7.976	13.244	10.353	18.040	8.017	8.792	6.468	12.485
Mean	23.376	31.621	25.143	9.904	9.972	12.113	7.456	7.641	6.074	8.579
Variance (n-1)	660.779	1342.344	9023.887	88.983	1124.055	168.013	236.045	180.838	93.256	97.634
Standard deviation (n-1)	25.706	36.638	94.994	9.433	33.527	12.962	15.364	13.448	9.657	9.881

Sulphur Speciation

Statistic	SO4 (Carb) as % of STOT | Mineralized	SO4 (Carb) as % of STOT | Non-Mineralized	Max Potential Barite-S (%) | Mineralized	Max Potential Barite-S (%) | Non-Mineralized	Max Potential Anglesite-S (%) | Mineralized	Max Potential Anglesite-S (%) | Non-Mineralized	Max Potential Anglesite + Barite - S (%) | Mineralized	Max Potential Anglesite + Barite - S (%) | Non-Mineralized	Barite + Anglesite -S as % of SO4(Carb) | Mineralized	Barite + Anglesite -S as % of SO4(Carb) | Non-Mineralized
No. of observations	13	37	13	37	13	37	13	37	13	37
Minimum	0.144	2.941	0.000	0.000	0.003	0.000	0.004	0.001	6.559	3.995
Maximum	4.808	100.000	0.006	0.071	0.121	0.003	0.121	0.072	172.863	529.250
1st Quartile	0.405	7.143	0.000	0.005	0.007	0.000	0.008	0.005	15.453	31.130
Median	0.654	11.111	0.000	0.015	0.019	0.000	0.021	0.015	59.158	86.910
3rd Quartile	0.933	15.789	0.001	0.036	0.034	0.001	0.034	0.036	75.321	140.246
Mean	1.022	21.510	0.001	0.023	0.032	0.001	0.033	0.023	56.214	119.416
Variance (n-1)	1.527	716.070	0.000	0.001	0.001	0.000	0.001	0.001	2247.494	15640.821
Standard deviation (n-1)	1.236	26.759	0.002	0.023	0.037	0.001	0.036	0.023	47.408	125.063

Statistic	SO4 (Carb) as % of STOT | CHSCH	SO4 (Carb) as % of STOT | GNST	SO4 (Carb) as % of STOT | GSCH	SO4 (Carb) as % of STOT | QTZT	SO4 (Carb) as % of STOT | SCH	SO4 (Carb) as % of STOT | SSCH	SO4 (Carb) as % of STOT | VN	Max Potential Barite-S (%) | CHSCH	Max Potential Barite-S (%) | GNST	Max Potential Barite-S (%) | GSCH	Max Potential Barite-S (%) | QTZT
No. of observations	1	3	5	14	6	8	13	1	3	5	14
Minimum	100.000	25.000	12.500	2.941	9.091	3.191	0.144	0.005	0.001	0.015	0.000
Maximum	100.000	100.000	60.000	50.000	15.789	40.000	4.808	0.005	0.004	0.026	0.017
1st Quartile	100.000	62.500	14.286	7.280	10.761	4.584	0.405	0.005	0.001	0.016	0.003
Median	100.000	100.000	25.000	9.545	13.043	5.761	0.654	0.005	0.001	0.018	0.005
3rd Quartile	100.000	100.000	33.333	11.111	13.975	8.187	0.933	0.005	0.003	0.021	0.009
Mean	0.000	75.000	29.024	12.053	12.542	10.220	1.022	1.022	0.002	0.019	0.006
Variance (n-1)		1875.000	371.134	128.606	6.492	151.265	1.527		0.000	0.000	0.000
Standard deviation (n-1)		43.301	19.265	11.340	2.548	12.299	1.236		0.002	0.005	0.005

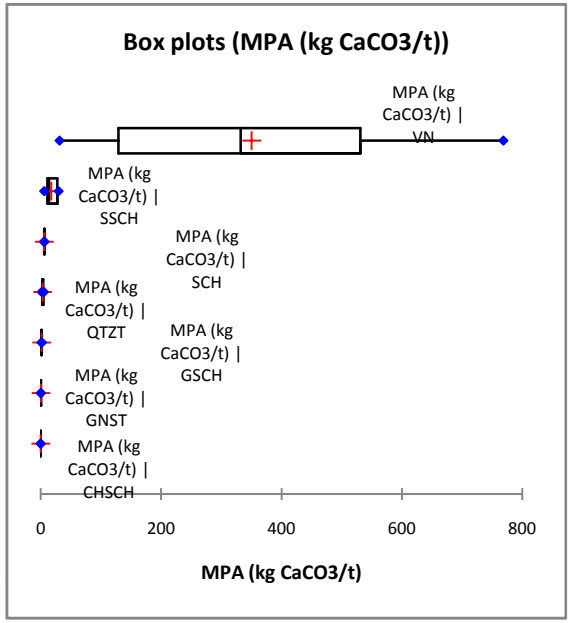
Sulphur Speciation

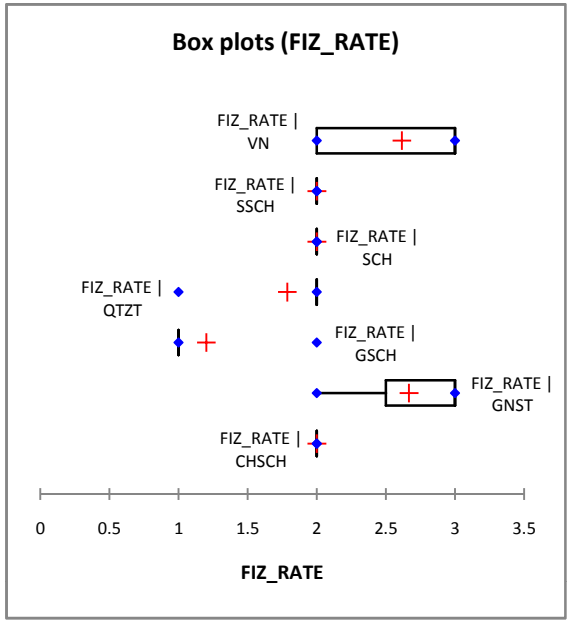
Statistic	Max Potential Barite-S (%) | SCH	Max Potential Barite-S (%) | SSCH	Max Potential Barite-S (%) | VN	Max Potential Anglesite-S (%) | CHSCH	Max Potential Anglesite-S (%) | GNST	Max Potential Anglesite-S (%) | GSCH	Max Potential Anglesite-S (%) | QTZT	Max Potential Anglesite-S (%) | SCH	Max Potential Anglesite-S (%) | SSCH	Max Potential Anglesite-S (%) | VN	Max Potential Anglesite + Barite - S (%) | CHSCH
No. of observations	6	8	13	1	3	5	14	6	8	13	1
Minimum	0.0114	0.0469	0.0001	0.0013	0.0000	0.0002	0.0000	0.0001	0.0002	0.0032	0.0064
Maximum	0.0423	0.0708	0.0061	0.0013	0.0005	0.0011	0.0028	0.0004	0.0025	0.1209	0.0064
1st Quartile	0.0183	0.0548	0.0001	0.0013	0.0001	0.0003	0.0001	0.0003	0.0004	0.0073	0.0064
Median	0.0257	0.0619	0.0001	0.0013	0.0001	0.0004	0.0001	0.0003	0.0009	0.0191	0.0064
3rd Quartile	0.0334	0.0680	0.0007	0.0013	0.0003	0.0004	0.0002	0.0004	0.0014	0.0337	0.0064
Mean	0.0262	0.0605	0.0010	0.0010	0.0002	0.0005	0.0004	0.0003	0.0010	0.0321	0.0321
Variance (n-1)	0.0001	0.0001	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0013	
Standard deviation (n-1)	0.0116	0.0094	0.0018		0.0002	0.0003	0.0008	0.0001	0.0008	0.0365	

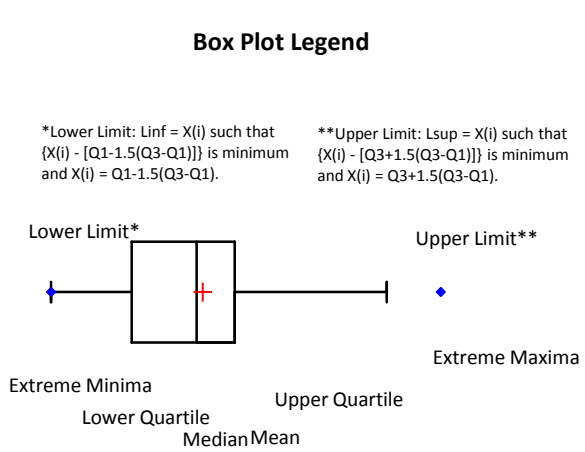
Statistic	Max Potential Anglesite + Barite - S (%) | GNST	Max Potential Anglesite + Barite - S (%) | GSCH	Max Potential Anglesite + Barite - S (%) | QTZT	Max Potential Anglesite + Barite - S (%) | SCH	Max Potential Anglesite + Barite - S (%) | SSCH	Max Potential Anglesite + Barite - S (%) | VN	Barite + Anglesite -S as % of SO4(Carb) | CHSCH	Barite + Anglesite -S as % of SO4(Carb) | GNST	Barite + Anglesite -S as % of SO4(Carb) | GSCH	Barite + Anglesite -S as % of SO4(Carb) | QTZT	Barite + Anglesite -S as % of SO4(Carb) | SCH
No. of observations	3	5	14	6	8	13	1	3	5	14	6
Minimum	0.001	0.015	0.001	0.012	0.049	0.004	32.187	3.995	54.270	14.630	58.44776382
Maximum	0.004	0.026	0.017	0.042	0.072	0.121	32.187	23.607	529.250	344.637	141.1927805
1st Quartile	0.001	0.016	0.003	0.019	0.057	0.008	32.187	12.231	96.486	27.179	82.27804369
Median	0.001	0.019	0.005	0.026	0.063	0.021	32.187	20.467	149.432	32.452	86.83211624
3rd Quartile	0.003	0.022	0.010	0.034	0.069	0.034	32.187	22.037	218.697	109.473	112.6727907
Mean	0.002	0.020	0.007	0.026	0.062	0.033	0.033	16.023	209.627	77.385	95.89185753
Variance (n-1)	0.000	0.000	0.000	0.000	0.000	0.001		110.972	35700.262	7854.666	898.033332
Standard deviation (n-1)	0.002	0.005	0.005	0.012	0.009	0.036		10.534	188.945	88.627	29.96720427

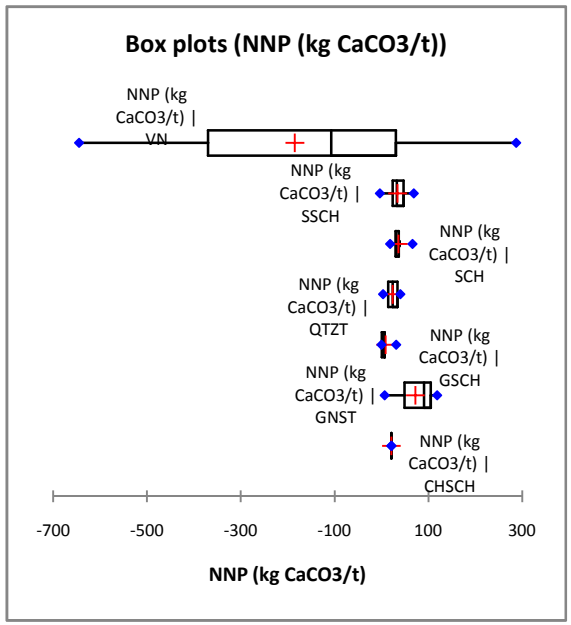
Statistic	Barite + Anglesite -S as % of SO4(Carb) | SSCH	Barite + Anglesite -S as % of SO4(Carb) | VN
No. of observations	8	13
Minimum	49.570	6.559
Maximum	486.532	172.863
1st Quartile	109.961	15.453
Median	157.301	59.158
3rd Quartile	261.530	75.321
Mean	203.908	56.214
Variance (n-1)	21130.227	2247.494
Standard deviation (n-1)	145.362	47.408

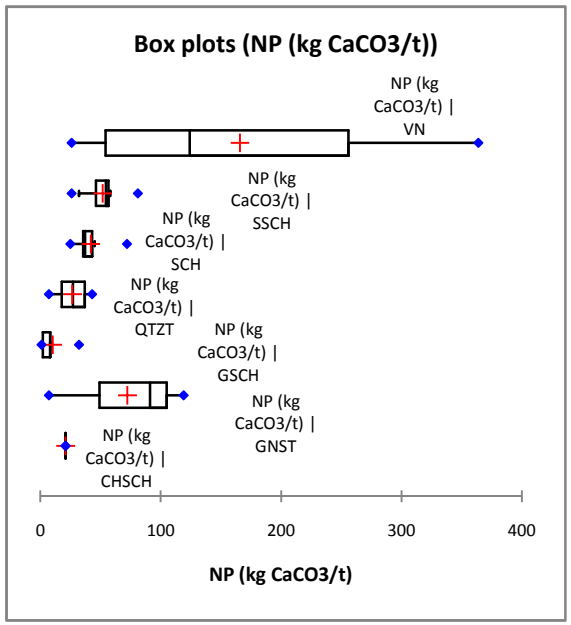
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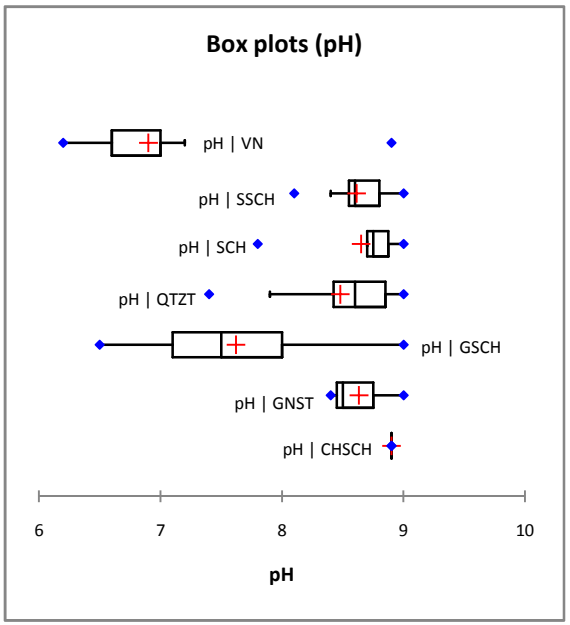




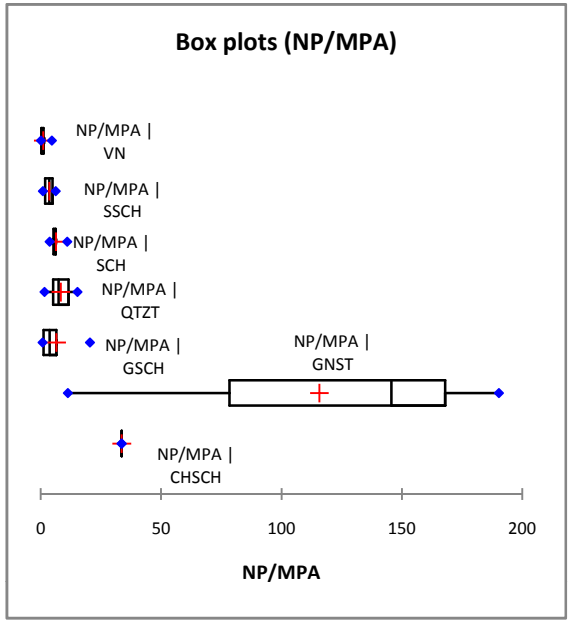


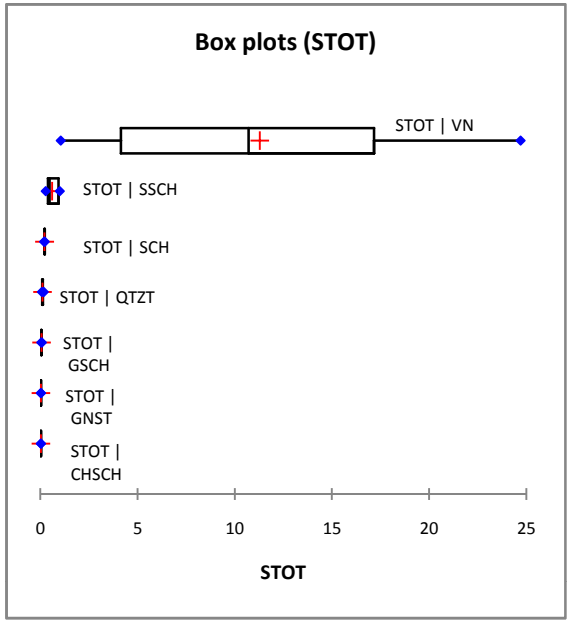


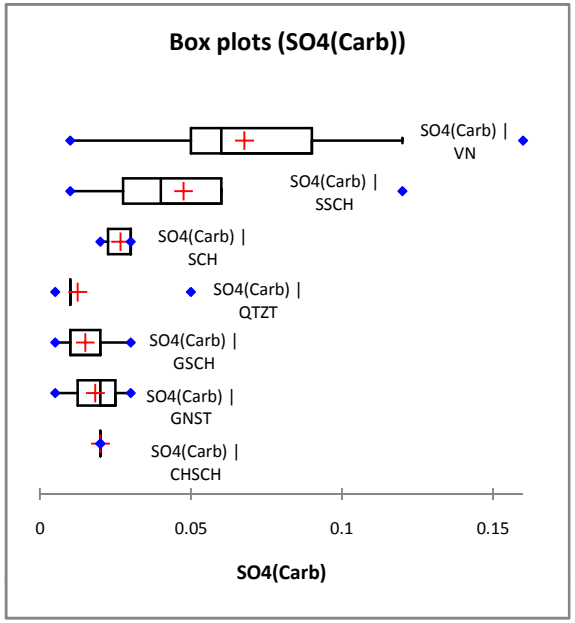


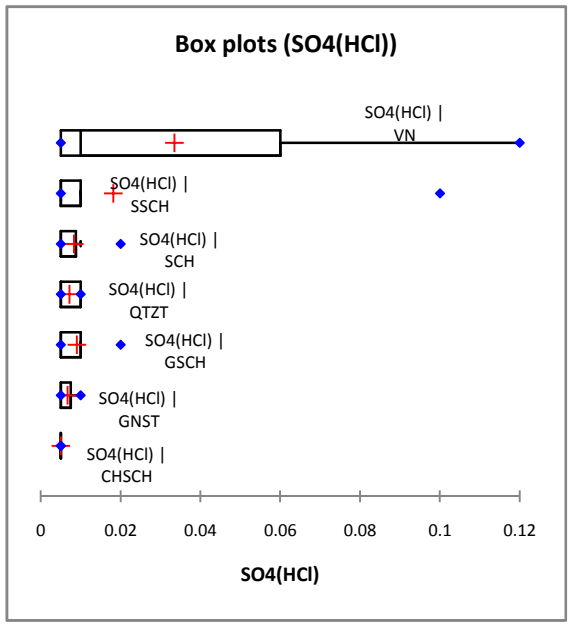


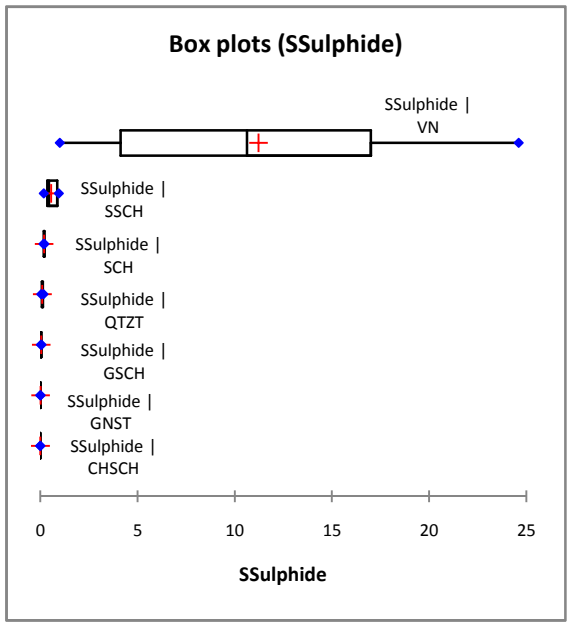
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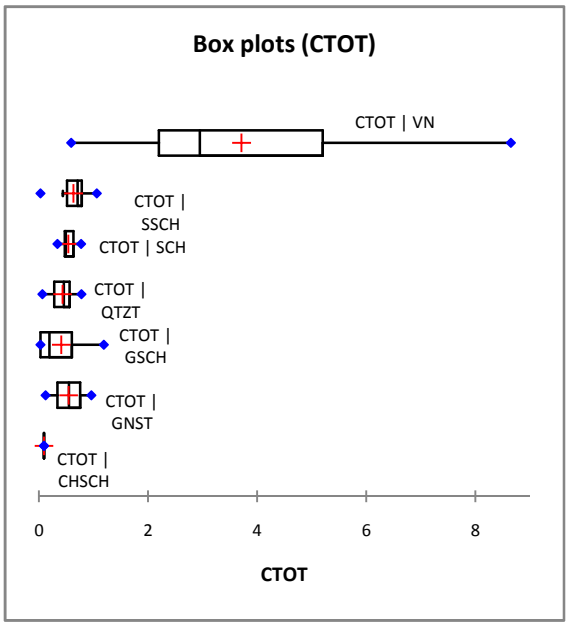




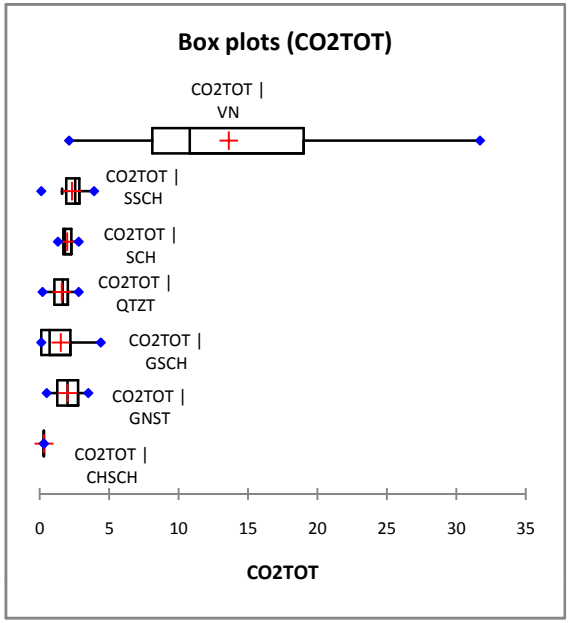




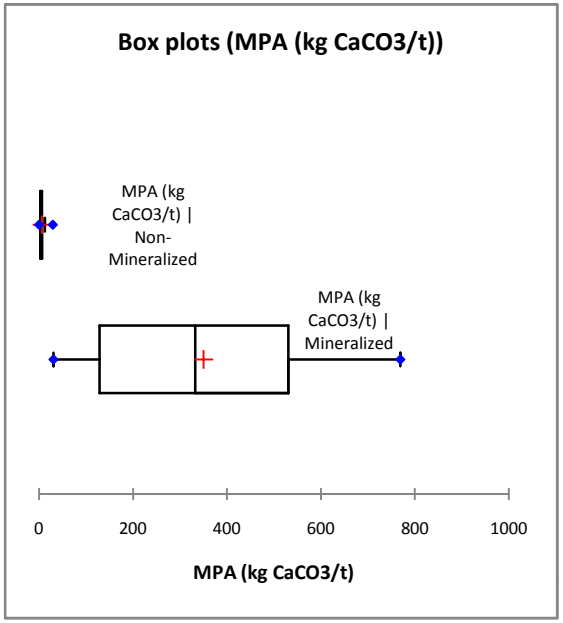


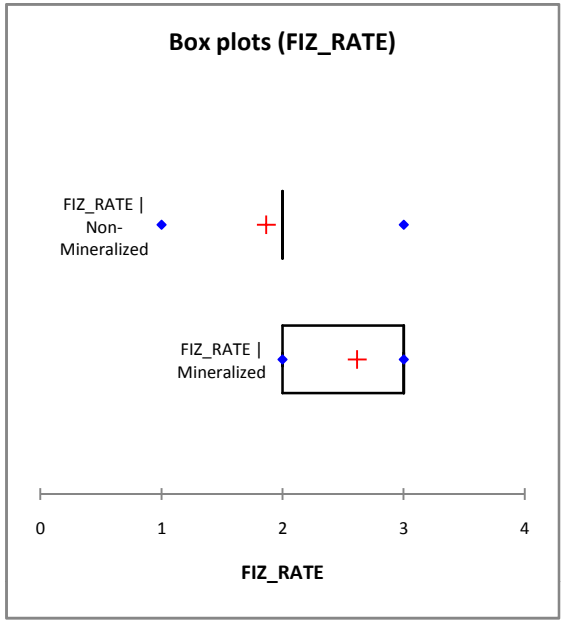


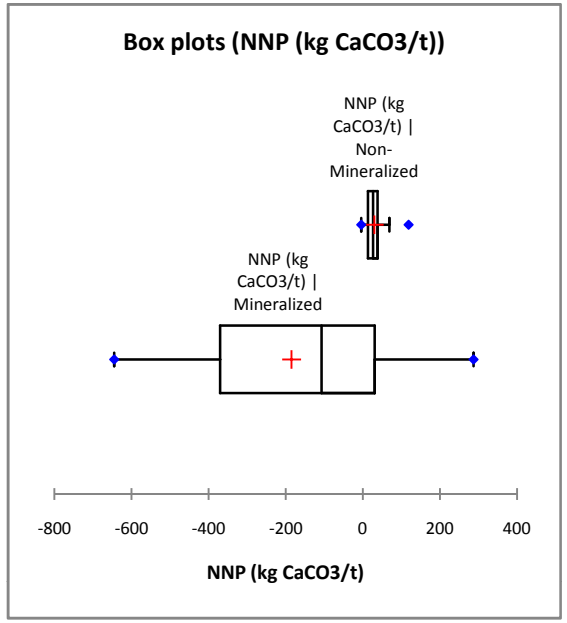
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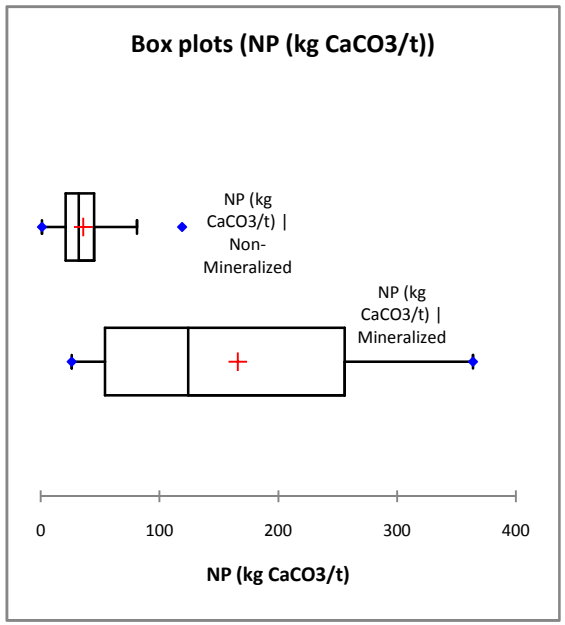


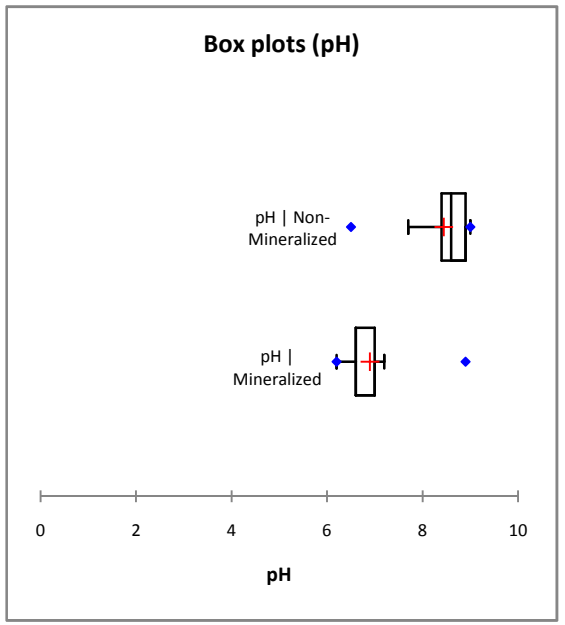
By Mineralized/Non-Mineralized

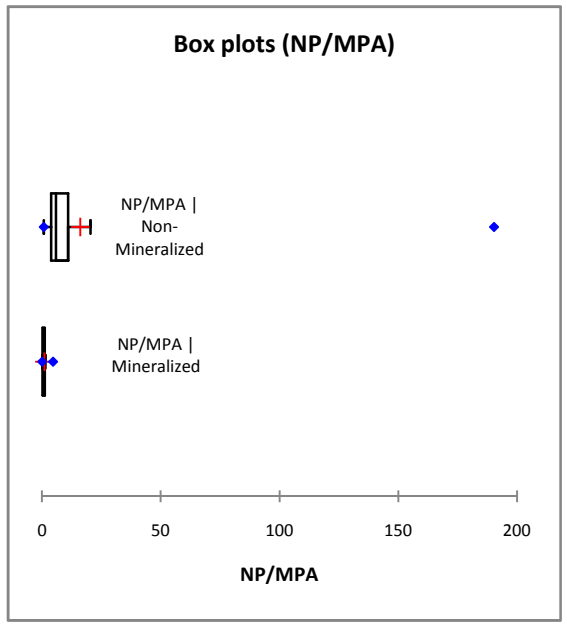


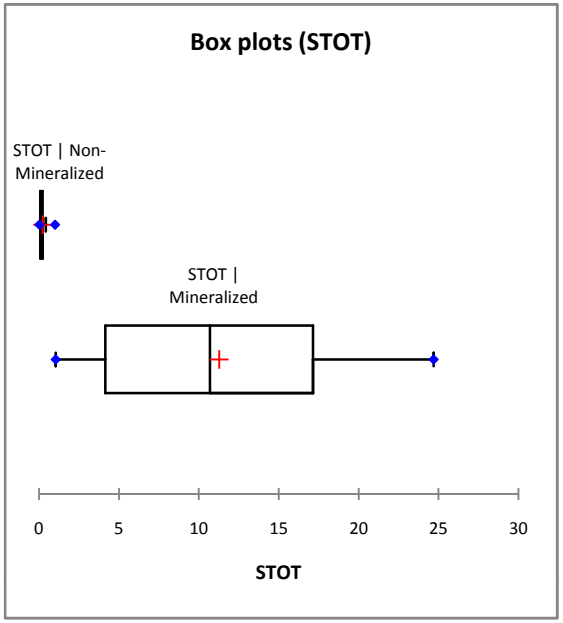


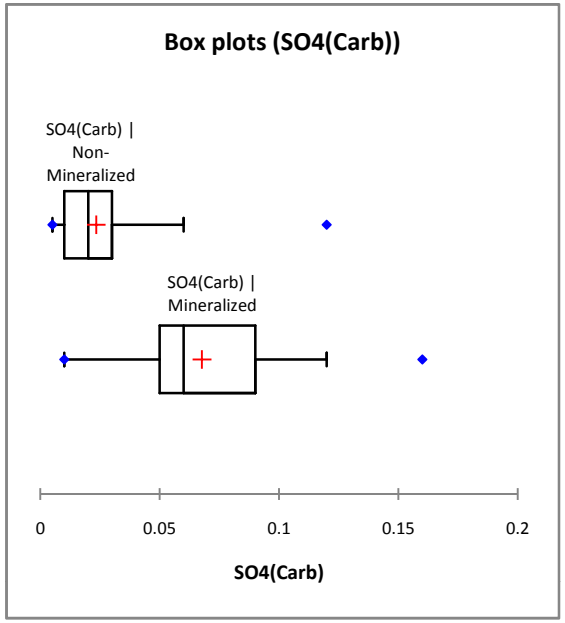


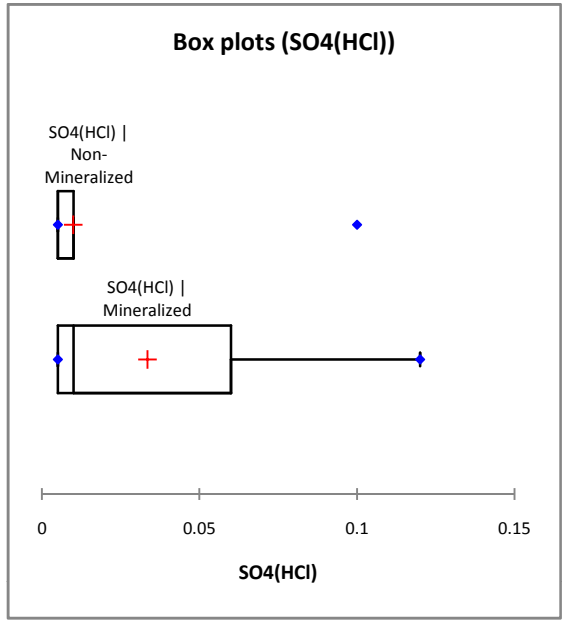


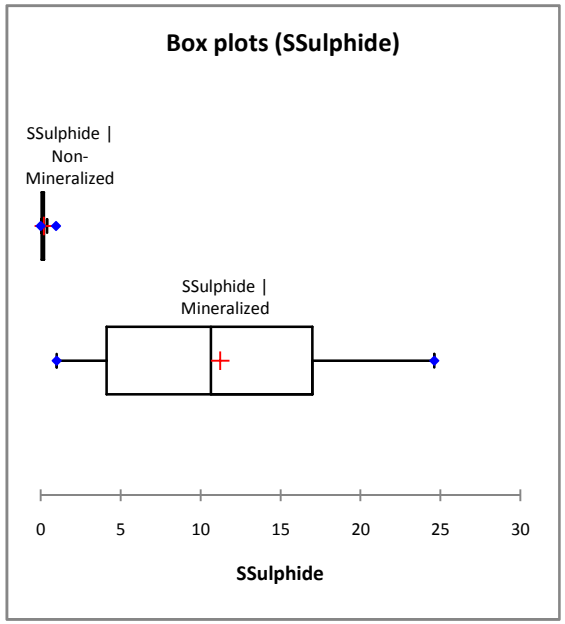


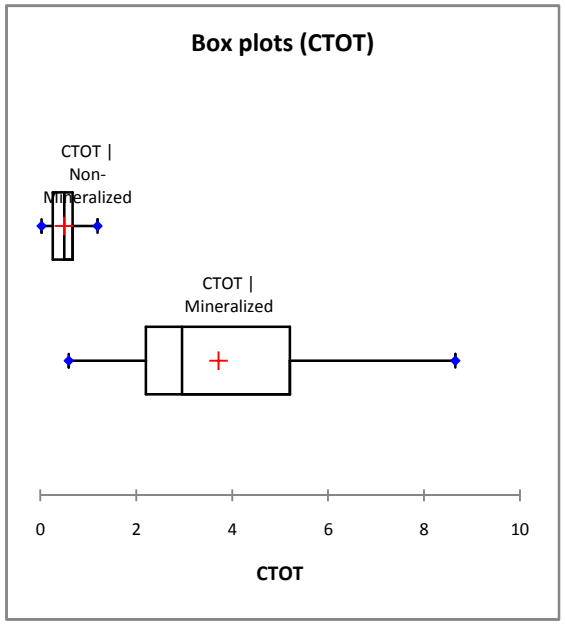


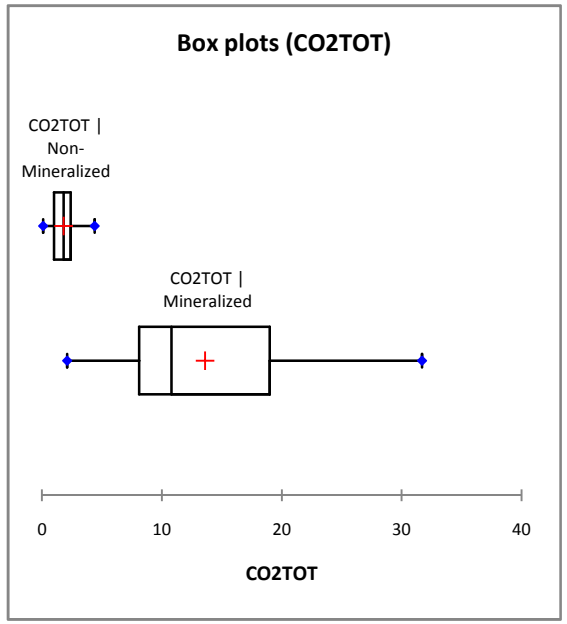

Box plots (STOT)
STOT | Non-Mineralized
STOT | Mineralized
0
5
10
15
20
25
30
STOT


Box plots (SO4(Carb))
SO4(Carb) | Non-Mineralized
SO4(Carb) | Mineralized
0
0.05
0.1
0.15
0.2
SO4(Carb)

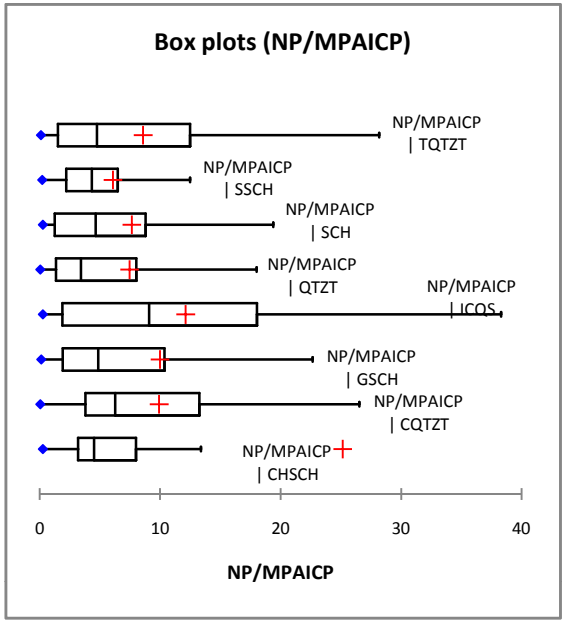

Box plots (SO4(HCl))
SO4(HCl) | Non-Mineralized
SO4(HCl) | Mineralized
0
0.05
0.1
0.15
SO4(HCl)

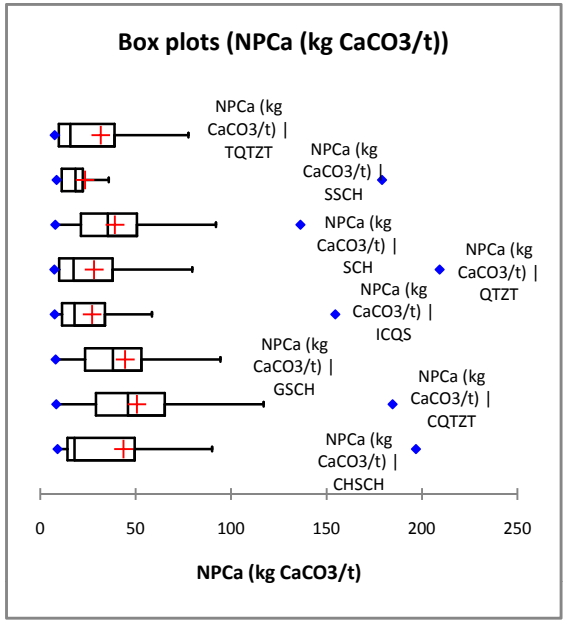

Box plots (SSulphide)
SSulphide | Non-Mineralized
SSulphide | Mineralized
0
5
10
15
20
25
30
SSulphide

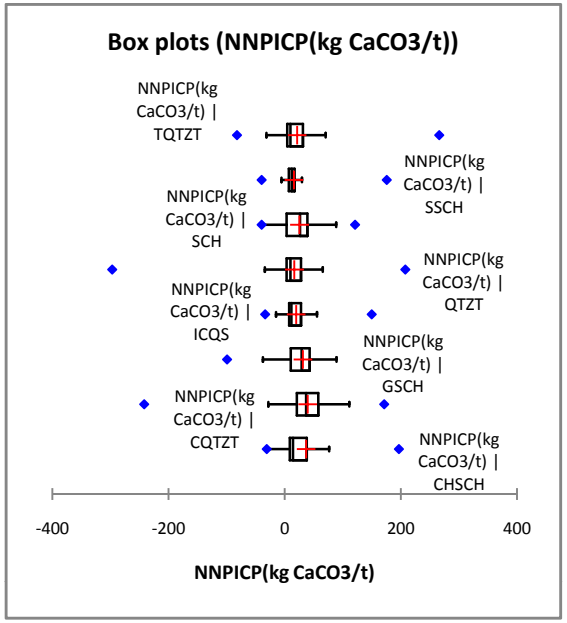

Box plots (CTOT)
CTOT | Non-Mineralized
CTOT | Mineralized
0
2
4
6
8
10
CTOT

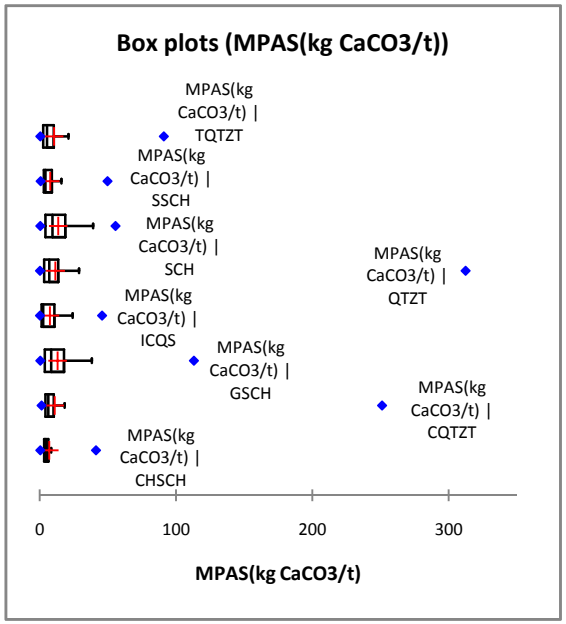

Box plots (CO2TOT)
CO2TOT | Non-Mineralized
CO2TOT | Mineralized
0
10
20
30
40
CO2TOT

Calculated ABA Parameters via ICP, by Lithology

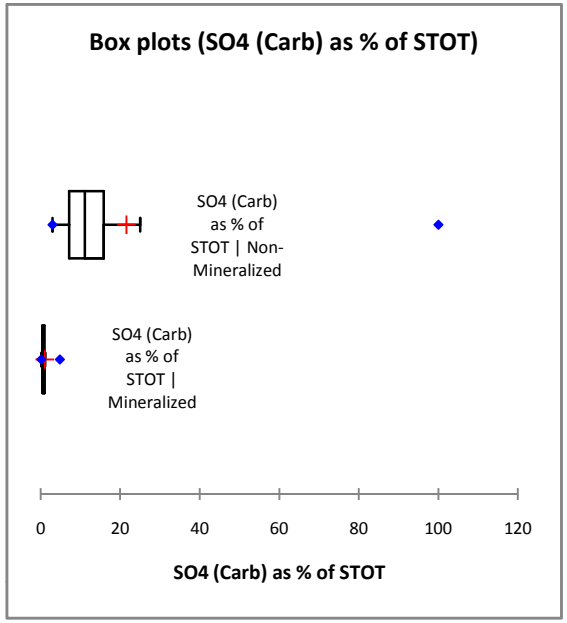


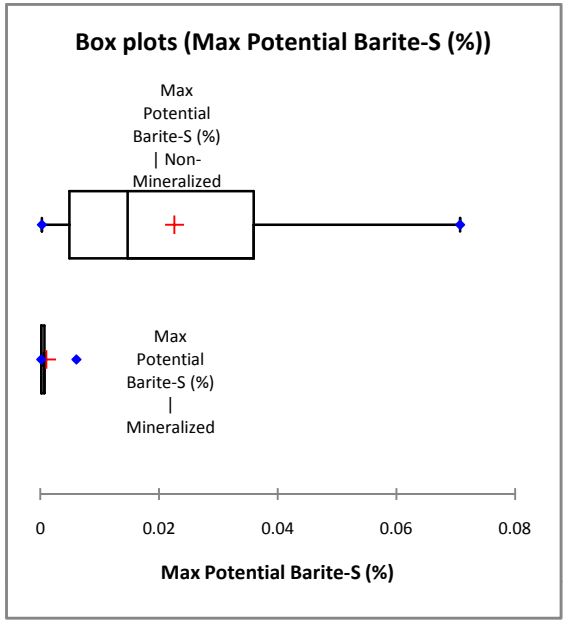


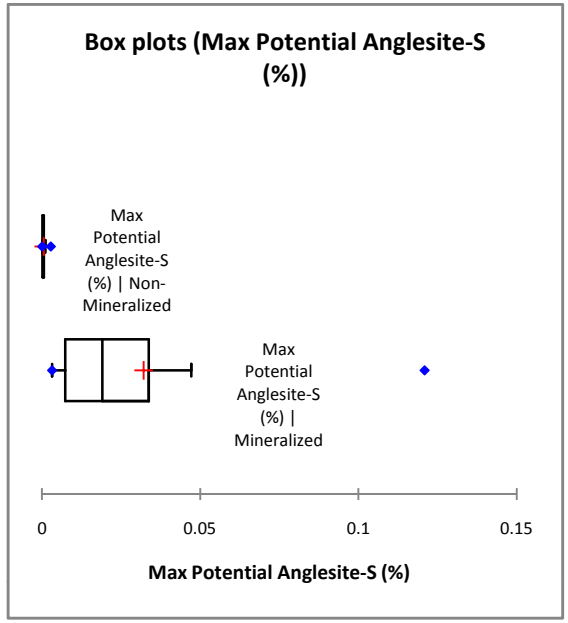


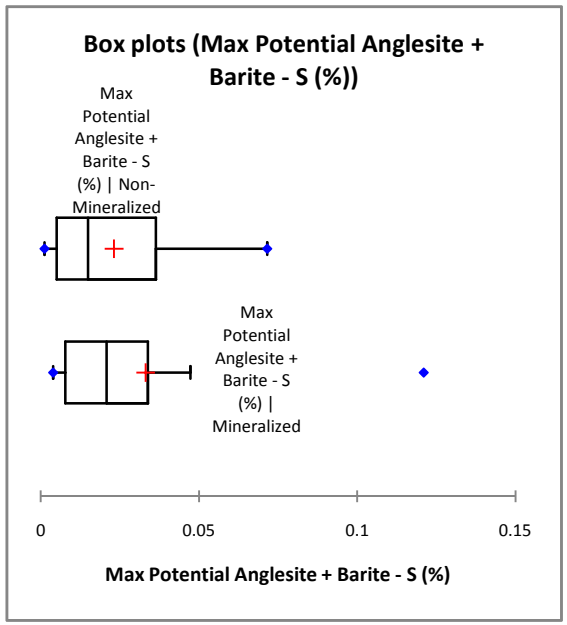


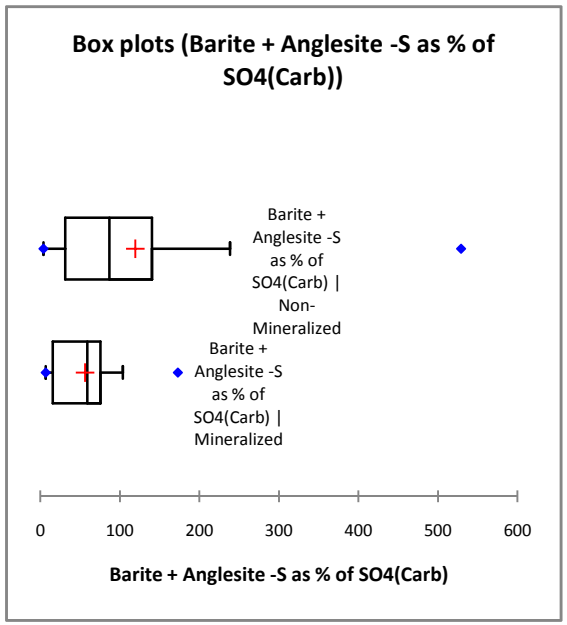
Sulphur Speciation

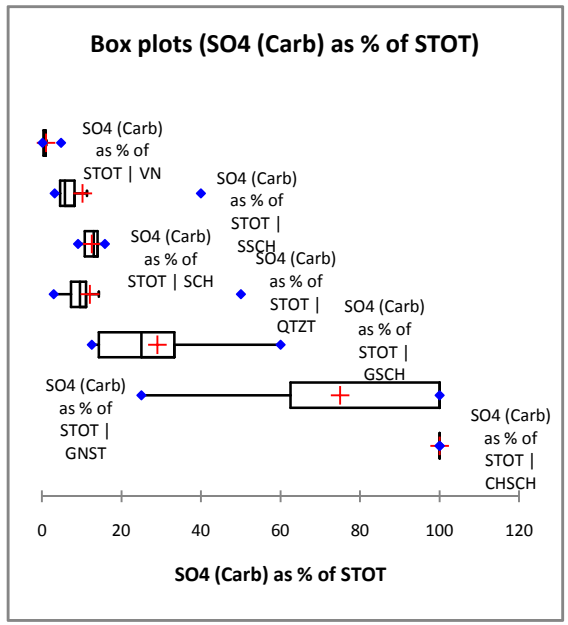




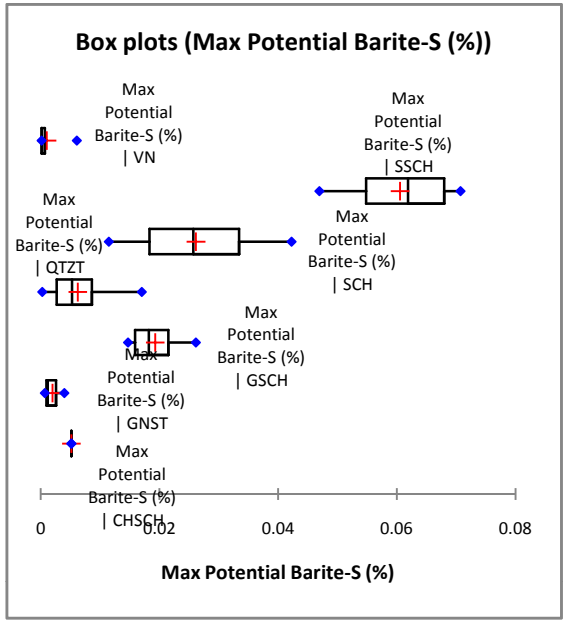


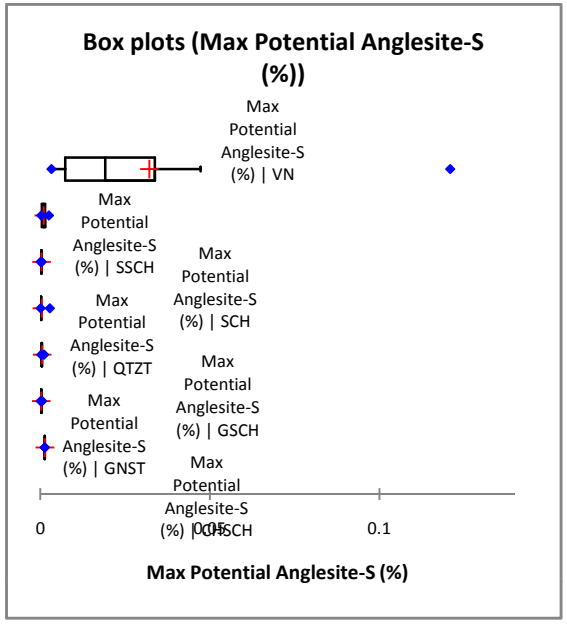


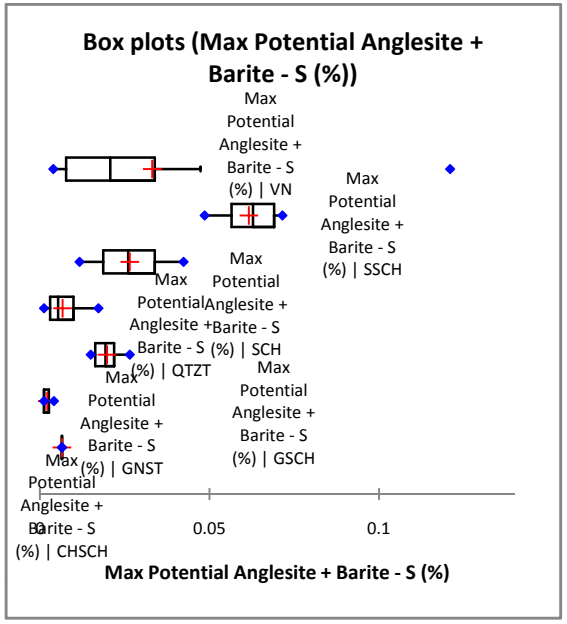


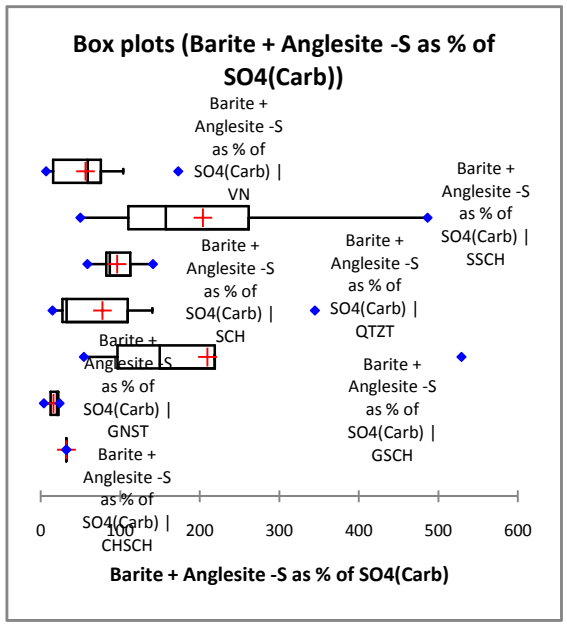


Sulphur Speciation









Appendix H

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mail@accessconsulting.ca

Memorandum

To: Jim Harrington, Brad Thrall, Alexco Keno Hill Mining Corp.

From: Ethan Allen, Scott Davidson, Access Consulting Group

Date: December 7, 2011

Subject: Geochemical Rock Characterization, Lucky Queen
Keno Hill District, Yukon

1. PURPOSE AND SCOPE

This report summarizes results of a geochemical characterization of geologic materials from the Lucky Queen deposit area within the Keno Hill Silver District (KHSD), Yukon.

1.1 PURPOSE

The purpose of this memorandum is to review the geochemical characteristics of rock in the Lucky Queen (LQ) area especially with regard to its potential for the generation of acidic drainage and/or metal leaching (AML). The objective is to provide technical basis to support management of rock to be excavated from LQ during Alexco Keno Hill Mining Corporation's (AHKM) proposed underground development and mining program.

1.2 STUDY APPROACH

This evaluation consists of data analysis and integration of two sources of data: 1) acid base accounting of 2006-2010 LQ drill core (24 samples) and 2) multi-element ICP metals and lithology database from LQ drill core (3070 samples)

This analysis builds on prior geochemical characterization studies conducted in order to define AML controlling and correlating factors for the KHSD as a whole (Altura 2008a). Altura conducted a review of static testing data from site-wide geochemical sampling conducted during 1995 to 1996 on weathered rock dump and pit samples. Key geochemical and field diagnostic factors that appear to either control or correlate to the generation of net acidity and/or metal leaching in the Keno Hill rock suite were applied in order to predict the relative proportions of potentially AML (P-AML) and non-AML (N-AML) rock. The available ABA and ICP geochemistry data were reviewed to assess the applicability of existing waste rock segregation and management protocol are appropriate for the LQ deposit. This study employed similar methodologies and is compared with, and builds on, the geochemical characterization of the Bellekeno Zone (Altura 2008b) in order to confirm that the waste rock management system currently used by Alexco at the Bellekeno mine (QML-0009 Waste

Rock Management Plan, submitted Nov. 2009) is an appropriate management strategy at the LQ deposit.

2. METHODOLOGY

All data for this report were provided by AKHM. Data was complied and, for statistical analysis purposes, results below minimum limits of detection were assigned a value of one half of the detection limit. Results above the maximum limits of detection were assigned a value equal to the detection limit. Statistical analysis and data manipulation was carried out using Excel and XLStat software.

Samples in the 3070 sample waste rock drillhole database were analyzed via 27 element ICP-OES or 49 element mixed ICP-OES and ICP-MS methods and included sulphur. During 2009, 329 samples were analyzed by Ecometrix Incorporated of Mississauga, Ontario and were not analyzed for sulphur. Acid base accounting (ABA) samples were tested via modified ABA methods including sulphate via both sodium carbonate leach and HCl digestion, total inorganic carbon via coulometer, and paste pH at a 1:1 solid to water ratio. All other chemical analyses were conducted by ALS Chemex Labs in North Vancouver, BC or AGAT Labs of Mississauga, Ontario.

Lithologies for each sample were determined by AHKM geologists during routine core logging and sampling. Specific lithologies (schists and quartzites) are intercalated with secondary lithologies over the scale of centimeters to meters. Thus, reported lithology over a specific interval represents only the primary lithology and could contain a significant proportion of a secondary lithology. Two lithology codes including ICQS (Interbedded Carbonaceous Quartzite and Schist) and TQTZT (Thin Bedded Quartzite) are reported which reflect specific intervals of mixed lithology.

Determination of mineralized samples, which were assigned the lithology code “VN” (Vein) was conducted by using a geochemical query with a criteria based on a metal content for either Pb or Zn > 5000 ppm. Samples which were designated as mineralized vein or “VM” in the lithology log had Pb and Zn less than 5000 ppm but were redesignated as VN for ease of analysis. A single sample designated in the lithology log as mineralized stringer, or “SM” but having < 5000 ppm Pb and Zn was also redesignated as VN. Three samples designated as fault, or “FLT” were not mineralized by the Pb/Zn criteria, and because original lithology was unknown, these samples were not included in the analysis.

3. OVERVIEW OF LUCKY QUEEN ROCK

3.1 GEOLOGY AND MAJOR ROCK TYPES

The KHSD is comprised principally of Yukon Group metasedimentary rocks, which are described in the Keno Hill Silver District Environmental Conditions Report (Access Consulting Group, 2011).

In summary, the metasedimentary rocks have been divided locally into three formations; Upper Schist, Central Quartzite and Lower Schist. The Upper Schist (Hyland Group, pre-Cambrian to Cambrian age) consists of quartz-mica schist, quartzite, graphitic schist and minor limestone. The

Central Quartzite (Keno Hill Quartzite, Mississippian age) contains thick-and thin-bedded quartzite, massive quartzite, graphitic phyllite, graphitic schist and calcareous schist. This unit is approximately 700 m (2300 ft) thick and hosts most of the major silver deposits in the area. The Lower Schist includes graphitic schist, argillite, thin-bedded quartzite, calcareous schist, phyllite, slate, sericite schist and minor thick-bedded quartzite. Conformable greenstone (altered diorite/gabbro) lenses and sills occur in places and narrow lamprophyre and quartz-feldspar porphyry dykes occur locally. Granite bodies have intruded the metasedimentary – greenstone package at several places to the north and south of the Keno Hill – Galena Hill area.

The LQ deposit is located on the northern side of Keno Hill near to the top. It is hosted within massive quartzites and interbedded carbonaceous schists and quartzites sitting stratigraphically immediately above the Lower Schist contact. Stratigraphic units correlative across the structure show a dip-normal separation of approximately 30-35 m.

Principal rock units in order of predominance at the LQ deposit are quartzite, schist, and thin bedded quartzite. Mineralogical and compositional variation is seen especially in the quartzites and schists, which is broken into sublithologies. Although more significant at other deposits within the district, greenstones form only a very minor part of the LQ deposit being represented by less than 1% of total samples. A brief overview description of the major lithology types is summarized below from Boyle (1962), Altura (2008b) and Access (2011).

Quartzite (QTZT): Is the dominant unit at LQ, occurs both as thin and thickly bedded sequences with assemblages of schist. Quartzites are comprised primarily of quartz but also contain some mica carbonate minerals and carbonaceous material. Accessory minerals include leucoxene, tourmaline, zircon, apatite, and pyrite.

Schist (SCH): The majority of the schist within LQ is graphitic schist (GSCH), but trace sericite schist (SSCH), chlorite schist (CHSCH) as well as undifferentiated schist have also been observed. As previously discussed, interbedded carbonaceous quartzite and schist (ICQS) and thin bedded quartzite (TQTZT) are also included as their own lithologies, but are predominantly composed of schist.

Graphitic schists are black or dark gray due to their significant carbon content, and occur in beds from millimetre to many meters in scale intercalated with quartzites and other lithologies. In addition to graphite, quartz, mica, carbonates, feldspar, chlorite, isotropic colloidal material and pyrite metacrysts have been identified in thin sections.

Sericite and chlorite schist are usually pale and dark green, respectively. Thin sections of sericite schists show primarily quartz and sericite with trace carbonate minerals and leucoxene. Accessory minerals include apatite, zircon, tourmaline and pyrite metacrysts.

Vein (VN): Economic mineralization in LQ occurs in irregular shoots within vein fault systems. Dilation and subsequent development of economic mineralization is favoured in the more brittle (quartzite and greenstone) units, and where there is a contrasting rheology on each side of the vein

fault. Dilation and economic mineralization is usually not well developed in the more ductile schists and phyllites.

At least two stages of mineralization have been identified in the KHSD. The first stage is associated with quartz, pyrite and arsenopyrite and sulphosalts. This earlier stage is associated with elevated gold concentrations. The second stage of mineralization (which comprises the majority of the economic mineralization in the KHSD) is associated with deposition of siderite galena, sphalerite, pyrite, freibergite and pyrargyrite, quartz, pyrite and small amounts of other sulphides (e.g. chalcopyrite).

The LQ vein structure has an average strike of approximately 43 degrees azimuth, with local variations ranging from 25 to 60 degrees, and an average dip of around 45 degrees to the south. The main structure has a strike length, as defined by drilling, of approximately 650 m and is open along the strike to both the northeast and southwest. Mineralized zones are largely composed of brecciated wallrock, siderite (± limonite), vein quartz and ore minerals including, silver sulphosalts, galena, sphalerite and native silver. Minor primary minerals present include arsenopyrite and pyrite.

3.2 ELEMENTAL CHARACTERIZATION.

ICP metals data from the 3,070 samples in the drillhole database were characterized and described according to the major lithologic units. Table 1 shows the distribution of samples according to lithology in the LQ drillhole database. Only three lithologies (quartzite, graphitic schist, and thin-bedded quartzite) represent 1% or greater of the total samples. Lithologies represented by less than 1% of the total samples were deemed to be insignificant and were not included subsequent analysis.

Table 1. Samples in the Lucky Queen Drillhole Database by Lithology

Lithology		Number of Samples	Rel. Freq. per Category (%)
Description	Code		
Calcareous Quartzite	CQTZT	28	0.9
Chloritic Schist	CHSCH	9	0.3
Graphitic Schist	GSCH	398	13.0
Greenstone	GNST	29	0.9
Interbedded Carbonaceous Quartzite and Schist	ICQS	29	0.9
Phyllite	PHY	21	0.7
Quartzite	QTZT	2110	68.7
Schist, Undifferentiated	SCH	24	0.8
Sericitic Schist	SSCH	11	0.4
Thin-bedded Quartzite	TQTZT	279	9.0
Vein	VN	132	4.3
	Total	3070	100

The three primary lithologies mentioned above account for almost 91% of all the LQ database samples. The remaining lithologies represent less than 1% each of all the samples, with the exception of vein (4.3%) which is already assumed to be mineralized and will be mined. Lithologies with less than 30 samples (or 1% of total) were not included in subsequent analysis.

The distribution of the remaining three major rock lithologies (GSCH, QTZT, TQTZT) and VN according to mineralized/non-mineralized designation are shown in Table 2.

Table 2. Distribution of Selected Samples by Mineralized/Non-Mineralized

Lithology		Number of Non-Mineralized Samples	Number of Mineralized Samples (>5000 ppm Pb or Zn)	Total
Description	Code			
Graphitic Schist	GSCH	377	5	382
Quartzite	QTZT	1812	22	1834
Thin-bedded Quartzite	TQTZT	275	4	279
Vein	VN	80	28	108
	Total	2544	59	2603

A number of elements exceeded the method detection limit (MDL) for the standard ICP metals suite and were not run for ore grade or overlimit analyses. Samples over the method detection limits of As >10,000 ppm, Cd > 1000 ppm and Mn > 100,000 ppm were present mainly in samples assigned as VN, but also appear in a few other lithologies for As and Cd. Three samples exceeded MDL for Cd and were designated as mineralized. Six samples exceeded MDL for As, with 5 of these samples VN and one QTZT. The presence of these samples in the dataset will have a minor effect of underestimating the true statistical measurements for these elements, but will not have any effect on the efficacy of the geochemical screening criteria in identifying samples with high Cd and As as P-AML.

3.2.1 Results

Statistical measures of geochemistry are contained in Appendix A1. Analysis for selected elements of interest in the LQ drillhole database are summarized below. Box plots of these selected elements are shown according to lithology and mineralized versus non-mineralized in Appendix A2.

Quartzite makes up 68.7% of all the samples in the LQ database. Within the quartzite samples the concentrations of the elements of interest are as follows:

- Aluminum content in QTZT ranges from 0.1% to 10.45% with a mean of 1.56% and median of 0.83%. The 25th percentile is 0.43% and the 75th percentile is 2.03%.
- Arsenic content of the samples ranges from below the detection limit (<1 ppm) to a single value exceeding the MDL of 10,000 ppm. The next highest As content value was 7020 ppm. The median value is 8 ppm with a 25th percentile at 2.5 ppm and a 75th percentile at 17 ppm.
- Barium ranged from a minimum of 10 to maximum of 2000 ppm, with a median of 130 and mean of 243. The 25th percentile is 70 and the 75th percentile is 319.
- Calcium content ranges from below the detection limit of <0.01% (per 100g) to the maximum value 18.2%. The 25th percentile is at 0.1% and the 75th percentile is 0.9%, while the median value is 0.3%
- The amount of cadmium within the samples ranged from below the lowest detection limit of <0.02 ppm to six samples with contents exceeding the MDL of 1000 ppm. The 25th percentile for cadmium is 0.25 ppm and the median is 0.5 ppm[1]. The 75th percentile is 2.5 ppm.
- Magnesium content ranged between below detection limit (> 0.01%) up to a maximum value of 9.7%. The median value of the samples is 0.1% with the 25th percentile at 0.04% and the 75th percentile at 0.3%.
- The amount of manganese ranged from 20 ppm to 100,000 ppm with a 25th percentile of 112 ppm and a 75th percentile of 826 ppm. The median value is 206 ppm.
- Iron content ranged from a minimum value of 0.21% to a maximum value 25.7%. The 25th percentile is 0.66% and the 75th percentile is 1.78% with a median value of 1.1%
- Lead content within the samples ranged from below the detection limit of >2 ppm and the maximum concentration was 302,900 ppm. The 25th percentile is 6 ppm and the 75th percentile is 82 ppm, with median value of 16 ppm.
- As previously discussed sulphur was not analyzed on all of the samples. There are 1834 sulphur results of the 2110 quartzite samples. The amount of sulphur in the samples ranged from below the detection limit of >0.005% to a maximum value of 6.1%. The 25th percentile is 0.03% and the 75th percentile is 0.38% with a median value of 0.14%.
- Zinc content ranged from values that are below the detection limit of >2ppm to 96,300 ppm. The 25th percentile is 35 ppm and the 75th percentile is 221 ppm. The median value is 72 ppm.

Graphitic schist makes up 13% of all the samples in the LQ database. Within the graphitic schist samples the concentrations of the elements of interest are as follows:

- Aluminum content in GSCH varies between 0.19% and 11.15%. 25th percentile is 4.0% and third quartile is 7.1% with a mean of 5.5% and median of 5.8%.

[1] Detection limits for cadmium ranged from <0.02 ppm to <1.0 ppm, which means both the 25th percentile and the median values are below detection values. 45% of all the cadmium samples were below a detection limit with 94% of those having a detection limit of <0.5 ppm. For the purposes of calculating statistics all values reported as below detection limit were considered to equal half the detection limit.

- Arsenic content ranges from values below the detection limit of <2 ppm to a maximum value of 2330 ppm. The 25th percentile is 11 ppm and 75th percentile is 28 ppm with a median value of 18 ppm.
- Barium varies between a minimum of 30 ppm and a maximum of 8470. Mean and median Ba values are 814 ppm and 730 ppm, respectively, with 25th percentile of 500 ppm and 75th percentile of 978 ppm.
- The minimum value for the element calcium is 0.02% and the maximum value is 6.9%. The 25th percentile is 0.37% and the 75th percentile 1.35%. The median value for calcium is at 0.73%.
- Cadmium content had a minimum value that is below the detection limit, <0.5 ppm, and a maximum of 658 ppm. The 25th percentile and the median value are both 0.25ppm[2] with a 75th percentile value of 104 ppm.
- The percentage of magnesium per 100g in the samples ranged from values below the detection limit of <0.01% to a maximum value of 1.98%. The median value is 0.41%. The 25th percentile is 0.26% and the 75th percentile is 0.63%.
- Manganese content ranges from 49 ppm to 54,400 ppm with a median value of 252 ppm. The 25th percentile is 167 ppm and the 75th percentile is 998 ppm.
- Iron content ranges from 0.31% to 12.4% with the 25th percentile at 2.3% and the 75th percentile at 3.7%. The median value is at 3.0%.
- Lead content ranges from below the detection limit of <1.0 ppm to the maximum value of 139,500 ppm. Lead samples have a 25th percentile of 13 ppm and a 75th percentile of 38 ppm. The median value is 19 ppm.
- There are 382 graphitic schist samples with sulphur results of the 398 total graphitic schist samples. The sulphur content in this lithology ranges from below the detection limit <0.1% to a maximum value of 3.6%. The 25th percentile is 0.13% and the 75th percentile is 1.3% with a median value of 0.6%.
- Zinc content ranges from 13 ppm to 57,300 ppm with the 25th percentile at 77 ppm and the 75th percentile at 170 ppm. The median value is 109 ppm.

Thin bedded quartzite makes up 9% of all the samples in the LQ database. Within the thin bedded quartzite samples the concentrations of the elements of interest are as follows:

- Aluminum in TQTZT varies between a minimum of 0.3% and a maximum of 7.4%. Mean and median values for Al are 1.6 % and 0.8%, respectively with 25th percentile of 0.8% and 2.0%.
- Arsenic content ranges from below the detection limit of <5.0 ppm to a maximum value of 445 ppm. The 25th percentile is 4 ppm and 75th percentile is 21 ppm with a median value of 8 ppm.
- Barium ranged between 20 and 2380 ppm with a median of 130 and mean of 244 ppm. 25th percentile was 70 and 75th percentile value was 470.
- Calcium content within the samples ranges from below the detection limit of <0.01% to a maximum value of 8.3%. The 25th percentile is 0.1% and the 75th percentile is 1.0% with a median value for calcium at 0.4%

[2] Detection limits for cadmium for all the graphitic schist samples is <0.5 ppm and 50% of all the graphitic schist samples have values that were below this detection limit. For this reason the 25th percentile and the median are both half the value of the detection limit. For the purposes of calculating statistics all values reported as below detection limit were considered to equal half the detection limit.

- Cadmium content had a minimum value that is below the detection limit, <0.5 ppm, and a maximum of 210 ppm. The 25th percentile is 0.25ppm[3]. The median value is 0.7 ppm and the 75th percentile is 3.65 ppm.
- Magnesium content ranges from below values below the detection limit of <0.01% to a maximum value of 2.1%. The median value is 0.2% with a 25th percentile of 0.1% and a 75th of 0.3%.
- The amount of manganese in the samples ranges from 26 ppm to 30,000 ppm with a 25th percentile of 167 ppm and a 75th percentile of 1065 ppm. The median value is 285 ppm.
- Iron content ranges from 0.27% to 7.0% with a 25th percentile of 1.0% and a 75th percentile of 2.0%. The median value is at 1.5%.
- Lead content ranged from values below the detection limit of <1.0 ppm and the maximum concentration of 2600 ppm. The 25th percentile is 10 ppm and the 75th percentile is 112 ppm with a median value of 18 ppm.
- Sulphur was analyzed for all thin bedded quartzite samples. The content range was between a minimum value that was below the detection limit of <0.005% to a maximum value of 3.5%. The 25th percentile is 0.01% and the 75th percentile is 0.6% with a median value of 0.3%.
- Zinc ranged from values that were below detection limit of 6 ppm to a maximum value 14,494 ppm. The 25th percentile is 50 ppm and the 75th percentile is 323 ppm. The median value is 91 ppm.

Vein makes up 4.2% of the total samples. Within the VN lithology samples, the concentrations of the elements of interest are as follows:

- Aluminum in VN ranges between 0.16% and 6.64% with 25th percentile of 0.34% and 75th percentile of 1.2%. Mean and median values area 0.99% and 0.50%, respectively.
- Arsenic varies between a below detection limit of less than 1 ppm to 5 samples exceeding the maximum MDL of 10,000 ppm. Mean and median values are 617 ppm and 22 ppm, respectively. 25th percentile is 7 ppm and 75th percentile 94 ppm.
- Barium ranges between a minimum of 20 ppm and a maximum of 1280 ppm. The median value for Ba in VN is 105 ppm and the mean value is 198 ppm. The first and third quartile range is between 70 ppm and 265 ppm.
- Calcium varies in VN between 0.02% and a maximum of 8.74%. The median value is 0.33% with a first to third quartile range of 0.14% to 0.94%.
- Cadmium ranged between a minimum of 0.01 ppm with 2 samples exceeding a maximum MDL of 1000 ppm. The first quartile value was 4.55 ppm and third quartile was 41.55 ppm with a median of 11.05 ppm.
- Iron content varied between 0.37% and 19.5%. The first to third quartile range was 1.38% to 6.26% with a median of 2.86%.
- Magnesium in VN varied between 0.01% and 2.21%. The first to third quartile range was between 0.10% and 0.38% with a median of 0.20%.

[3] Detection limits for cadmium for all the thin bedded quartzite is <0.5 ppm and 31% of all the thin bedded quartzite samples have values that were below this detection limit. For this reason the 25th percentile is half the value of the detection limit. For the purposes of calculating statistics all values reported as below detection limit were considered to equal half the value of that samples detection limit.

- Manganese content ranges between a minimum of 43 ppm and a maximum of 82,800 ppm. The first quartile is 2,470 ppm and the third quartile is 19,200 ppm. Mean is 14,136 ppm and median is 6,580 ppm.
- Sulphur varies between a minimum of 0.008% and a maximum of 10.0%. The first quartile is 0.32% and the 3rd quartile is 1.05% with a median of 0.588% and a mean of 1.163%.

When categorized by mineralized versus non-mineralized samples, the following elemental patterns are observed:

- Aluminum varies between 0.1% and 11.1 % in non-mineralized samples and between 0.14% and 6.6% in mineralized samples. The first to third quartile range was between 0.5% and 3.03% in non-mineralized samples and between 0.30% and 0.66%. Median values were 1.24% in non-mineralized and 0.36% in mineralized samples.
- Arsenic was between 1 ppm to 5 samples exceeding the MDL of 10,000 ppm in non-mineralized samples. The first to third quartile range was between 4 ppm and 21 ppm in non-mineralized samples and between 13 ppm and 61 ppm in mineralized samples. Median values were 10 ppm in non-mineralized and 22 in mineralized samples, respectively.
- Barium ranged between 20 ppm and 1280 ppm in mineralized samples, and between 10 ppm and 8470 ppm in non-mineralized samples. The first to third quartile range for non-mineralized samples was between 88 ppm and 480 ppm in non-mineralized samples and between 50 ppm and 110 ppm in mineralized samples. The median Ba value for non-mineralized samples was 199 ppm and 80 ppm in mineralized samples.
- Calcium showed a minimum of 0.005% and maximum of 18.2% in non-mineralized samples and a minimum of 0.01% and maximum of 8.74% in mineralized samples. The first to third quartile range was between 0.05% and 0.31% in mineralized samples and between 0.1% and 0.94% in non-mineralized samples. Median values were 0.31% in mineralized samples and 0.36% in non-mineralized samples, respectively.

3.2.2 Discussion

Aluminum content is lowest in VN and highest in GSCH. Aluminum is likely contained primarily within aluminosilicate sheet silicates such as muscovite and other micas. As expected of a lithology composed of the two end members, the population of TQTZT samples have aluminum contents which are between GSCH and QTZT but are closer to QTZT since QTZT is the dominant lithology.

Arsenic content within the thin bedded quartzite and quartzite samples have similar medians and quartile ranges, while graphitic schist has a higher median with a narrower quartile range. The mineralized population of arsenic samples had a higher arsenic content than non-mineralized but had similar quartile ranges. The source of the higher arsenic within the VN is believed to be due to the presence of arsenopyrite within the mineralized vein material, while the slightly elevated median As within GSCH is part of a broader pattern of slight elevation of metals observed within the carbon rich reducing depositional basin environment in which the GSCH formed.

A number of VN lithology samples (5) exceeded MDL for As (>10,000 ppm) were identified as non-mineralized because of their only moderately elevated base metal contents. These samples

considerably skewed the As concentrations in the non-mineralized samples, which results in a higher mean than the mineralized samples.

Barium shows a similar pattern to aluminum with VN having the lowest concentrations, GSCH the highest and TQTZT having intermediate concentrations between QTZT and GSCH. This pattern suggests an association between Barium and organic carbon, or possibly an association with the aluminosilicates (micas).

Calcium content for all three lithologies has a similar distribution as the medians and quartile ranges are similar. Similar results are seen when calcium is spilt into mineralized and non-mineralized. Samples that are mineralized have a slightly lower median percentage and narrower range compared to non-mineralized samples. This is in contrast to Bellekeno and Onek where calcium is generally more abundant away from the veins and mineralized areas.

Cadmium within the three lithologies tended to be low, as 47% of all the samples were below detection limit. 25th quartile values for all three lithologies were below the detection limit and median values were either below the detection limit or just above. Mineralized and VN samples have much higher cadmium content that those samples that are non-mineralized. This is explained by the association of cadmium with sphalerite which is found almost exclusively within VN and in samples identified as mineralized.

Magnesium content in all lithologies including VN is very similar as the medians and quartile ranges are all within a very narrow spread. Graphitic Schist tends to be slightly higher that thin bedded quartzite and quartzite. Classification of magnesium for mineralization found that the mineralized and non-mineralized populations had similar quartile ranges and medians.

Similar to magnesium, manganese contents in all three lithologies have very similar medians and quartile ranges for the three rock lithologies. However, samples classified as mineralized and VN lithology have much higher manganese content than non-mineralized. The manganese in these units is primarily believed to be associated with siderite which forms a major portion of the gangue mineralogy.

Graphitic Schist generally has a higher iron content that the thin bedded quartzite and quartzite lithologies. The median and quartile range of iron in graphitic schist is higher than those of thin bedded quartzite and quartzite both of which have very similar medians and ranges. Mineralized and VN samples have a higher median value of iron content and wider distribution of quartile values compared to those that are non-mineralized. Within the non-mineralized and non VN lithologies, iron is likely associated with minor disseminated pyrite and may also be associated with some iron containing micas (e.g. chlorite). As with the manganese, the iron in VN and mineralized samples is likely associated with siderite and to a lesser degree, iron sulphides (pyrite, arsenopyrite).

The median lead content for all three rock lithologies is very similar (range 16 ppm to 19 ppm) but quartzite and thin bedded quartzite lead contents have wider range of results compared to graphitic schist. 50% of the quartzite samples are between (6 to 82 ppm) contrasted to graphitic schist, which has a much smaller range (13 to 38 ppm). Mineralized samples and VN have a significantly higher

median and quartile range compared to non-mineralized samples due to the association with galena in the mineralized fault zones.

The content of sulphur within thin bedded quartzite and quartzite were very similar as the median values and quartile ranges are very close to each other. Graphitic schist samples had a wider quartile range and higher median value compared to the other lithologies. Mineralized and VN samples showed a higher median and wider range quartile for the mineralized population while non-mineralized samples had a low median value and smaller quartile range. The presence of VN samples which are not designated as mineralized and contain low sulphur concentrations is somewhat distinct from the data observed for Onek and Bellekeno, where the sulphur in VN and mineralized samples are always distinctly higher than in unmineralized rock lithologies.

The median zinc values for the three lithologies are similar however the quartile ranges for quartzite and thin bedded quartzite are larger than that for graphitic schist. The population of samples that are mineralized and VN have a significantly higher median and quartile values for zinc content compared to those that are non-mineralized. A uniform zinc overprint of approximately 100 ppm is observed over all non vein lithologies. A number of elements show a significantly higher mean than median values because of a few samples with extremely anomalous results. These elements include Cd, Mn, As, Zn and Pb. These elements are all strongly associated with mineralized zones (as opposed to unmineralized country rock) and it is thought that the highly anomalous samples might be associated with mineralized stringers in country rock at some distance from the major vein structures.

The analysis of data from two of the major LQ rock units (quartzite, and thin bedded quartzite) show that these units have generally low sulphur (<0.5%). GSCH has slightly higher sulphur values relative to the quartzite dominated units. Despite having generally low sulphur and generally low metal contents, non mineralized and non-VN rock lithologies nonetheless show occasional anomalous results.

3.3 ACID BASE ACCOUNTING

The principal object of ABA testing is to provide quantitative determination of the balance between acid producing and acid consuming minerals contained within geologic materials. The ratio of neutralization potential to maximum potential acidity (NP/MPA) values reported from ABA testing data (N=24) was available the three major lithologies present at Lucky Queen. The distribution of ABA samples according to lithology is shown in Table 3.

Table 3. Distribution of ABA Samples in the Lucky Queen Dataset

Lithology		Number of ABA Samples	# of Calculated ABA Samples
Description	Code		
Graphitic Schist	GSCH	2	382
Quartzite	QTZT	13	1834
Thin-bedded Quartzite	TQTZT	9	279

Total	24	2495

3.3.1 Results

Acid base accounting summary statistics are presented in Appendix B1 and in Appendix B2. relationships between lithologies and between mineralized/unmineralized samples for ABA results are shown.

Neutralizing Potential

A strong correlation between %Ca and $\%CO_2$ versus NP was noted in the Bellekeno geoenvironmental characterization (Altura, 2008b) especially when considering only unmineralized samples, and excluding VN and GNST lithologies. In the case where significant dolomite or Mg bearing carbonates are known to exist, the correlation can be improved by comparing [Ca+Mg] with NP. Plots showing the relationships between bulk NP and a number of potential ICP data correlations (Ca, Mg, [Ca+Mg], and CO_2) for the Lucky Queen dataset are shown on Figure 1.

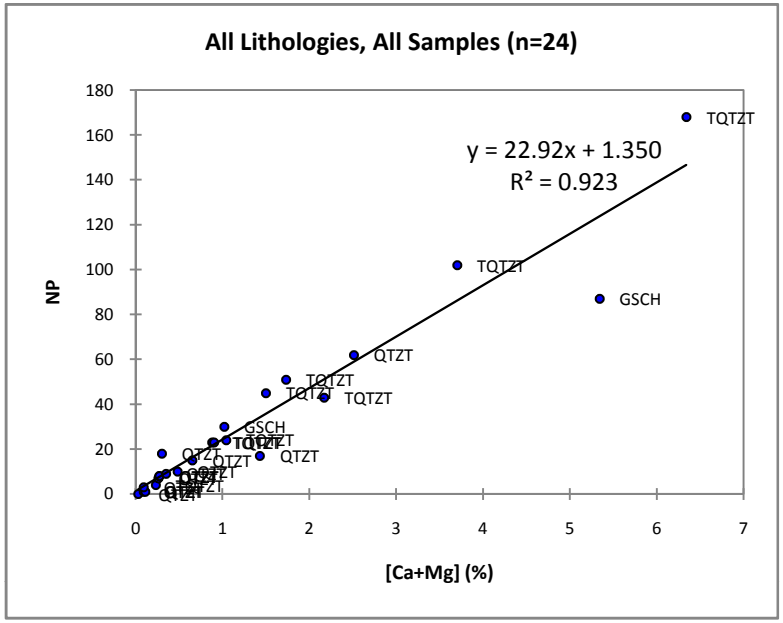
The best correlation observed correlation was between Ca and NP (Figure 1). This allowed calculation of neutralizing potential based on Ca% [NP_{Ca}]. The derived relationship between Ca and NP was:

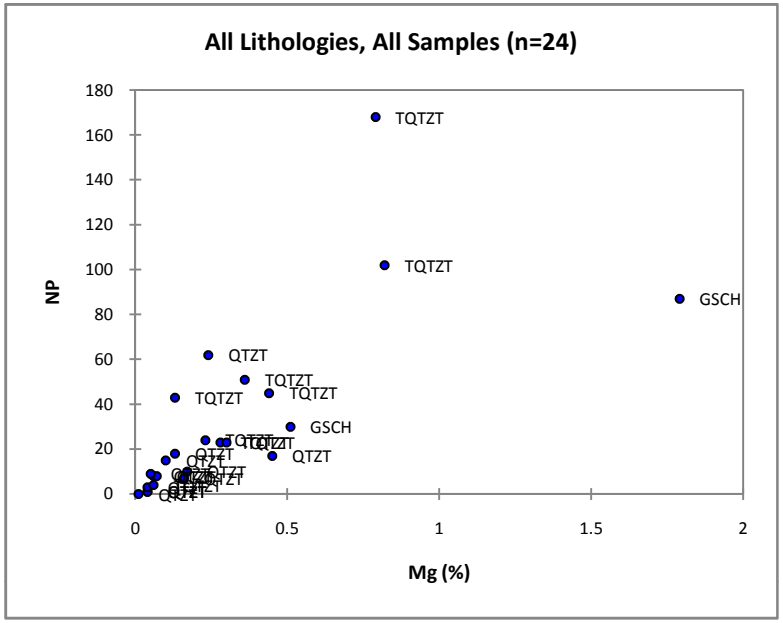
$$NP_{Ca} = 28.523(\%\ Ca) + 2.603$$

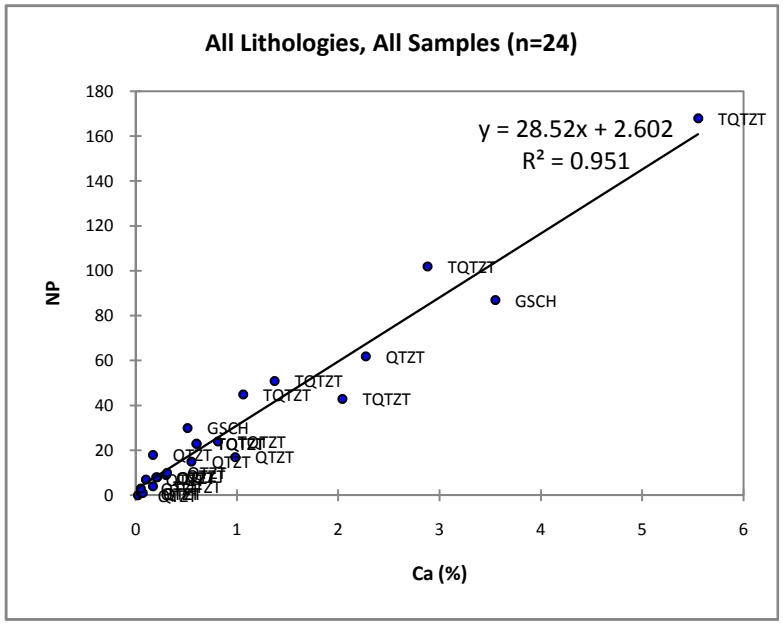
In the data presented by Altura 2008b for Bellekeno, and in the accompanying geochemical characterization study for Onek (Access 2011a) the correlation with calcium did not work for mineralized (VN) samples because the bulk NP was higher than the linear correlation due to the abundance of siderite (Fe_2CO_3) in vein material. In the case of GNST, bulk NP was much lower than the linear correlation because significant non-neutralizing Ca exists within calcic silicates such as hornblende, actinolite and other amphiboles. None of the ABA samples at LQ were either VN or GNST, but the experience from Bellekeno and Onek recommends against applying the calcium-NP correlation on these lithologies. As previously mentioned GNST is a minor lithology consisting of less than 1% of total samples so was not included in the analyses, and all vein material, even if not the host of economic mineralization is assumed to be P-AML.

This relationship indicates that calcium carbonate is likely the primary source of neutralizing potential, and was used to calculate NP_{Ca} for the ICP data for all three major rock lithologies. Box plots showing bulk NP and NP_{Ca} per lithology are shown in Figure 2.

Figure 1. Relationship between Calcium, Magnesium and Carbonate with NP







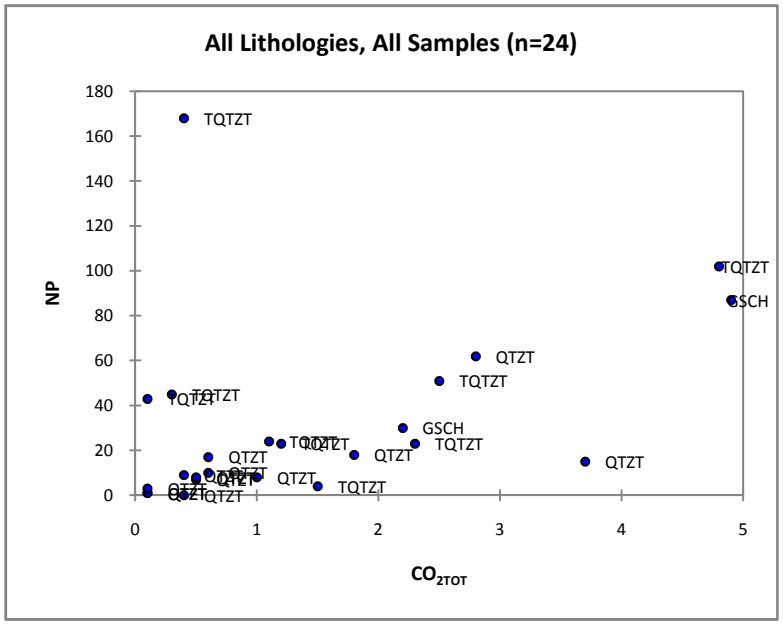
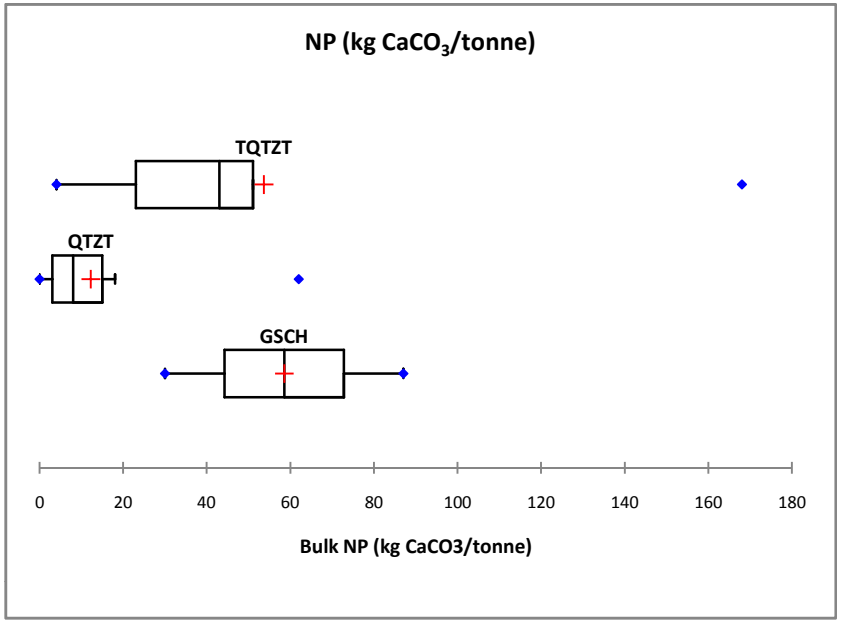
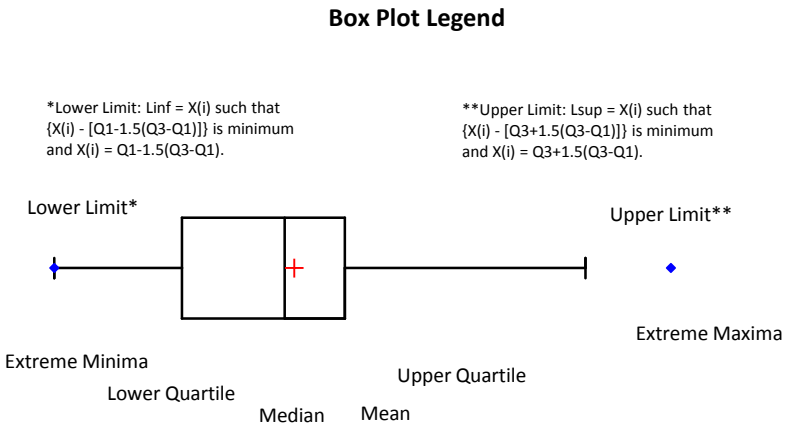
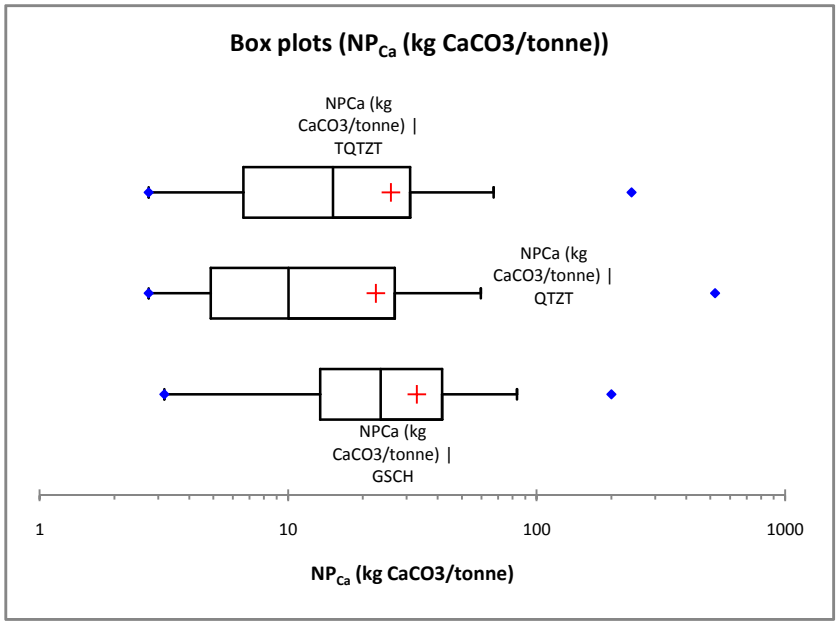
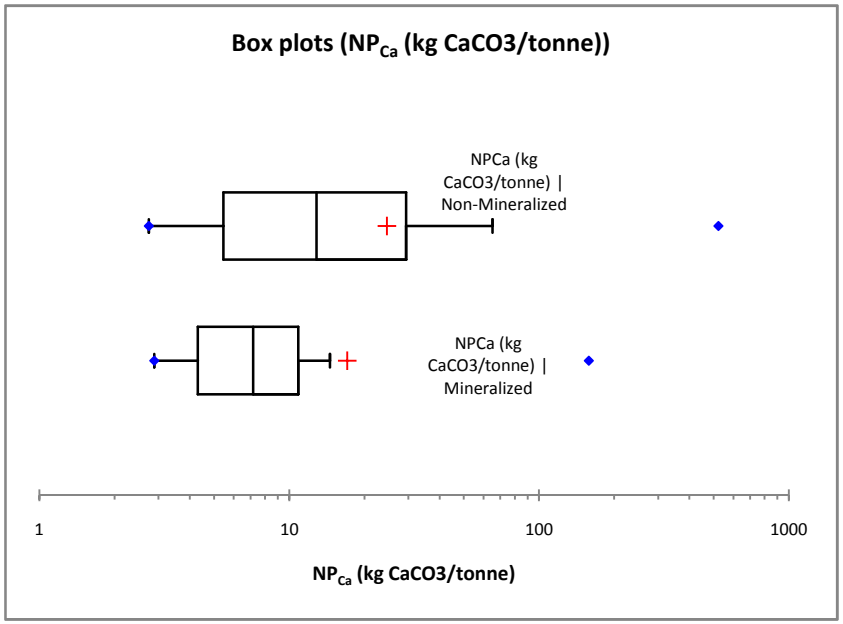


Figure 2. NP Box Plots









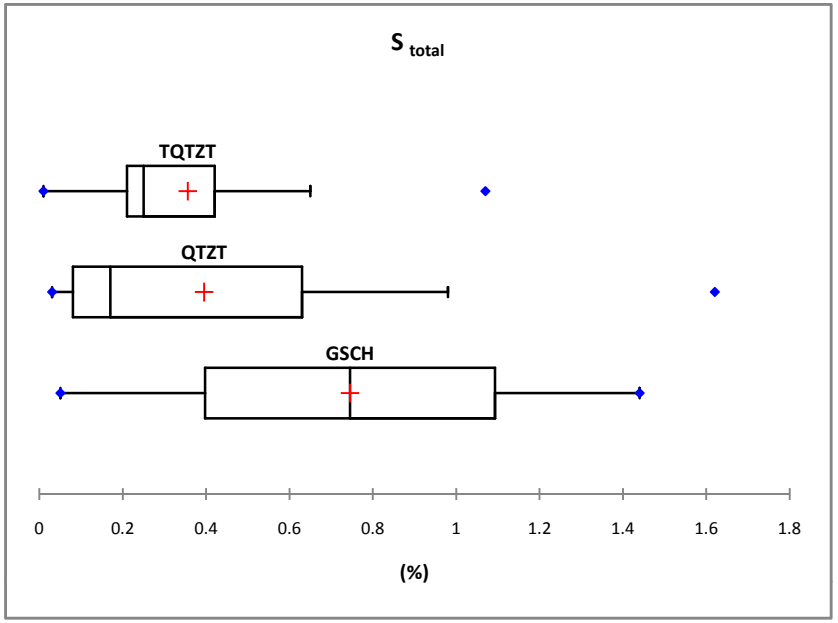
The 2495 calculated NP_{Ca} samples showed a greater minimum-maximum range by lithology as expected in a much larger sample set. First to third quartile ranges were generally similar but there were some distinct differences from the bulk NP data. QTZT, which showed the lowest first to third quartile range of between 3 and 15 in the bulk NP data, was higher in NP_{Ca} with a first to third quartile range of between 4.9 and 26.9. In contrast, both GSCH and TQTZT showed lower first to third quartile ranges in the NP_{Ca} data. The general pattern in both datasets showed GSCH with the highest NP values and QTZT with the lowest with TQTZT between the QTZT and GSCH. VN was not represented in the bulk NP dataset and could not be calculated using the correlation because of the previously discussed issue with siderite.

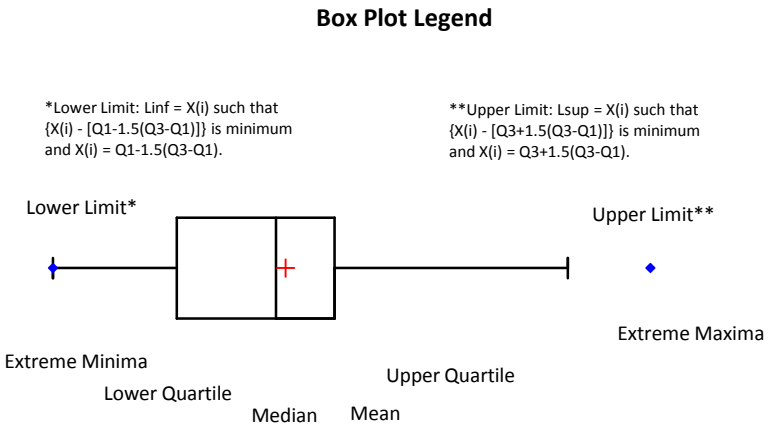
Sulphur Species and Maximum Potential Acidity (MPA)

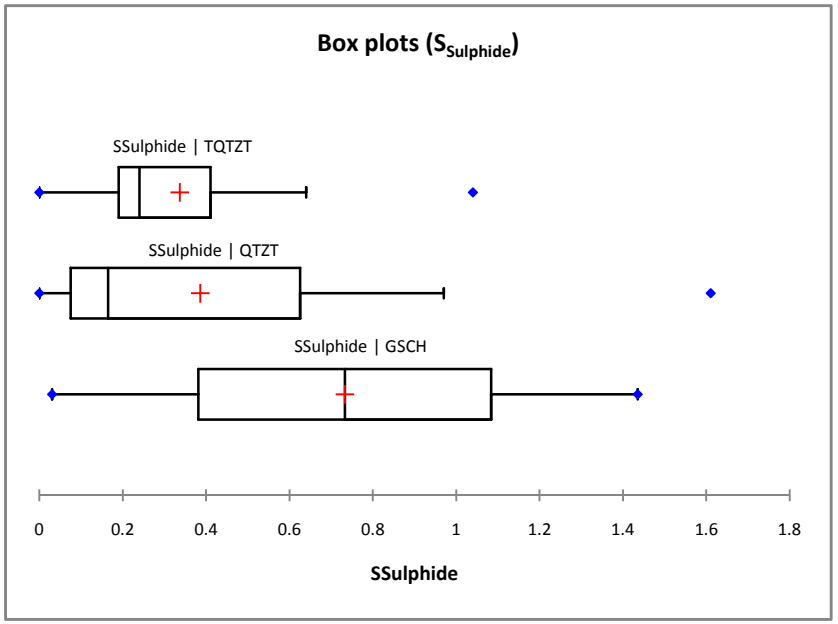
Sulphur content and speciation is an important determining factor affecting the potential for generation of acidity. Sulphur occurs in various forms in rock including potentially acid generating sulphide, and sulphate which is generally not acid generating. MPA in the ABA dataset was calculated by multiplying the % sulphur as sulphide by 31.25. Box plots showing selected results for sulphur speciation are shown in Figure 3.

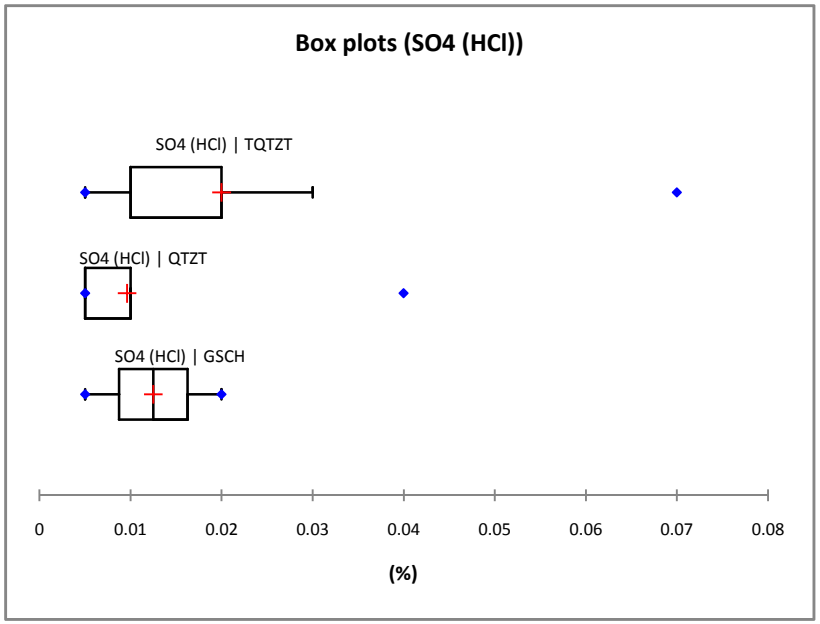
From the 24 sample ABA data set, total sulphur ranged between 0.01% and 1.62% in the rock lithologies. The highest median total sulphur value was observed in GSCH, the lowest in QTZT with TQTZT in between. Sulphate sulphur via HCl leach (sulphate via sodium carbonate leach was not conducted on any of the LQ data) varied from between below detection limit (0.01%) and 0.07% for rock lithologies. The median value was highest in GSCH, lowest in QTZT and intermediate in TQTZT. It was noted that at Onek (Access 2011b) and at Bellekeno (Altura 2008b), the sulphate via HCl leach seemed to be less sensitive than the carbonate leach, with significantly more samples below detection limit. The use of only HCl leach will result in greater underestimation of the % sulphur as sulphate at LQ, which will in turn overestimate the % sulphur as sulphide, as sulphide sulphur is calculated as the total sulphur – sulphate sulphur. This effect results in potentially over-estimated MPA values in the ABA dataset, assuming sulphate sulphur is non-acid generating and is considered to be conservative for determining the actual MPA.

Figure 3. Selected Sulphur Speciation Box Plots







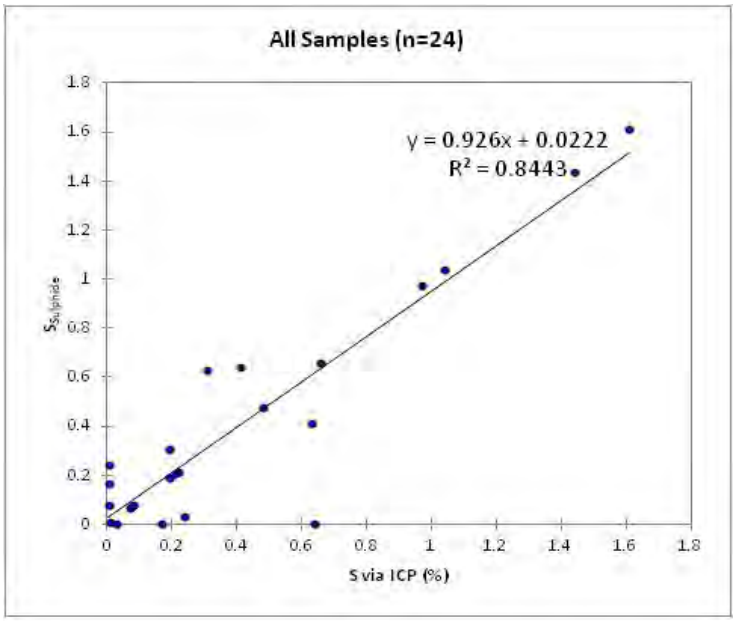


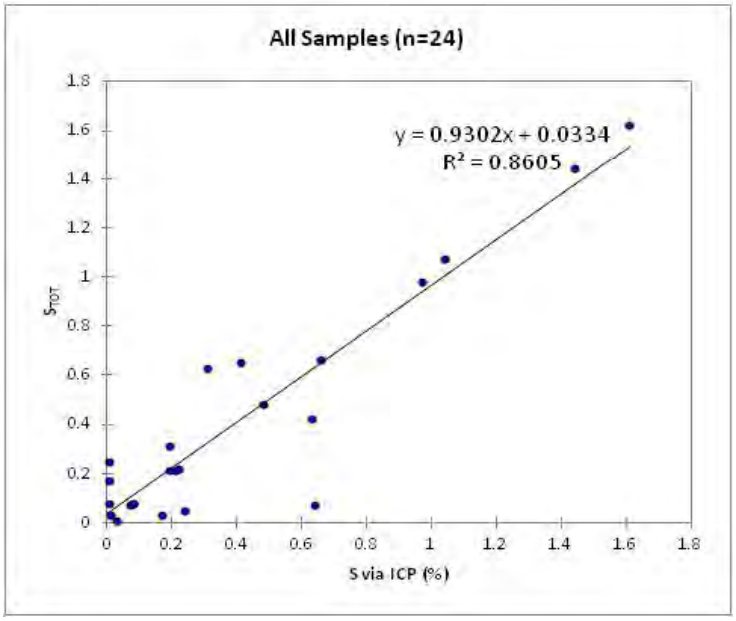
As a percentage of total sulphur, sulphate via HCl leach as a percentage of total sulphur has a median of 3% QTZT, a median of 4% in TQTZT, a median of 20% in GSCH. Maximum percentages exceeded 100%, especially in GSCH, indicating that more sulphur was measured as sulphate by the HCl leach than was measured as total sulphur via the Leco furnace. Although the data did not allow comparison between mineralized and unmineralized samples because all ABA samples were non-mineralized, data from Bellekeno and Onek show the total percentage of sulphate is much lower (<1% of total sulphur) in vein material and mineralized rock.

The significance of insoluble barite ($BaSO_4$) and anglesite ($PbSO_4$) was considered in the Onek geochemical characterization (Access 2011b) for the potential of these minerals, if present, to interfere with the results. This investigation concluded that in spite of fairly significant barium and lead contents, the effect that this might have on underestimating sulphate in these minerals is conservative (correcting for this effect would decrease MPA) and the effect would likely not be significant. LQ has similar to slightly lower levels of barium and significantly lower base metals than Onek, indicating that this effect would also not be significant at LQ.

As noted by Altura 2008b for Bellekeno and by Access 2011b at Onek, a very good correlation between total sulphur via Leco and sulphur via ICP was observed. Plots showing the relationship between sulphur measurements for LQ are shown in Figure 4 and agree with the observations made for Bellekeno and Onek. The correlation coefficient in the relationship between S via ICP and Total S via Leco is 0.861, which is lower than the relationship observed in the Bellekeno and Onek data, but is also based on fewer samples. As discussed in Section 3.3, MPA is determined based on the calculated difference between total sulphur via Leco and total sulphate (via carbonate or HCl leach). This is assumed to be sulphide sulphur and is multiplied by 31.25 in order to determine MPA in kg $CaCO_3$/tonne. In order to extend the MPA data to the ICP sulphur measured values, S via ICP was compared with the available calculated S as sulphide from the ABA database. Although a significant percentage of the total sulphur measured in the S via ICP can be expected to be present as non potential acid generating sulphate, MPA values were conservatively calculated assuming that S via ICP was present as 100% S as sulphide.

Figure 4. Sulphur Correlations





Neutralization Potential Ratio (NP/MPA)

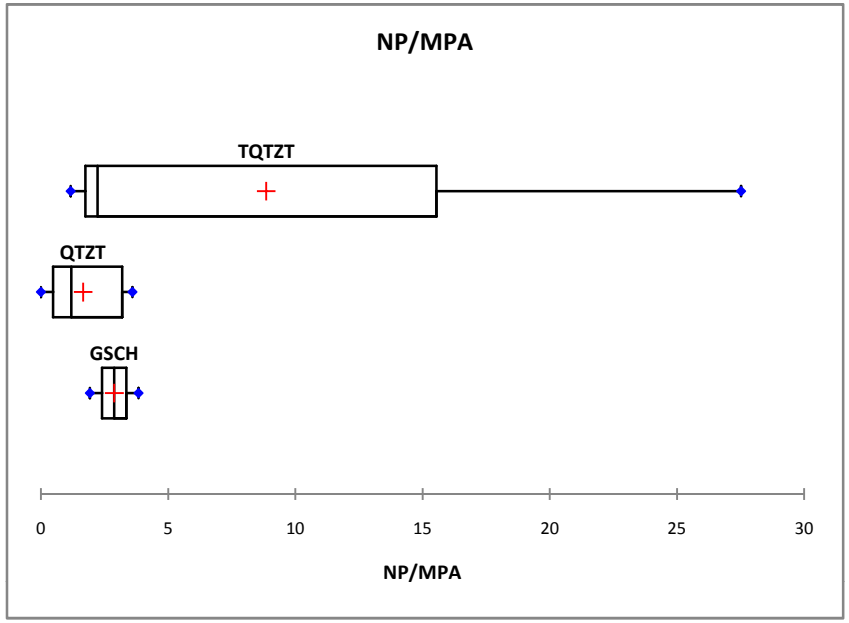
Box Plots showing NP/MPA ratios are shown in Figure 5. NP/MPA ratios from the ABA dataset show QTZT with the lowest median of 1.2 (N=13). GSCH has the highest median NP/MPA ratio of 10.6 (N=2) with TQTZT at 3.2 (N=9). When considering the NP/MPA ratios calculated from the ICP data, the opposite order is observed. Median NP/MPA_{ICP} values are lowest for GSCH at 1.66 and highest in QTZT at 3.31 with TQTZT intermediate at 2.25. In addition to the limitations imposed by the small number of ABA samples available for some lithologies (particularly GSCH), a significant reason for this large discrepancy is explained by the much larger proportion of S_{TOT} as $S_{sulphate}$ observed in GSCH even though MPA values were calculated for the ICP data without any correction factor for sulphate.

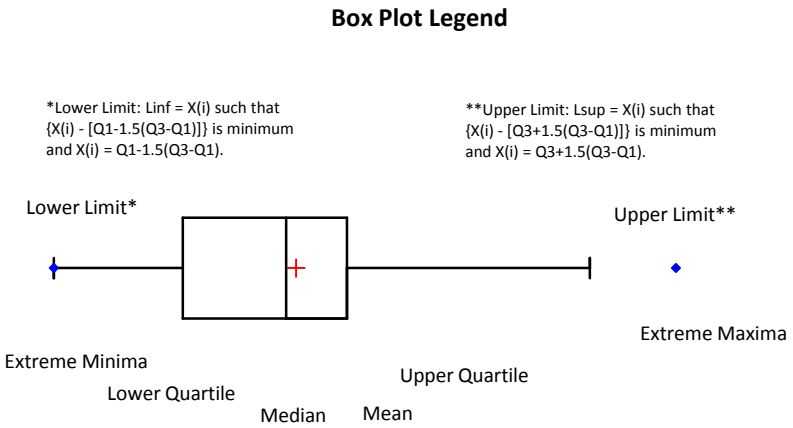
MEND (2009) suggests that samples with NP/MPA greater than 2 are non-potentially acid generating provided no significant errors have been made in the estimation of effective NP and AP. Altura (2008b) states that it is common industry practice to infer that samples with NP/MPA of greater than 3:1 are unlikely to produce net acidity with no further testwork or study. It is felt that the usage of an NP/MPA ratio of >3:1 for geologic materials as being unlikely to produce net acidity represents a conservative means of classification for the KHSD.

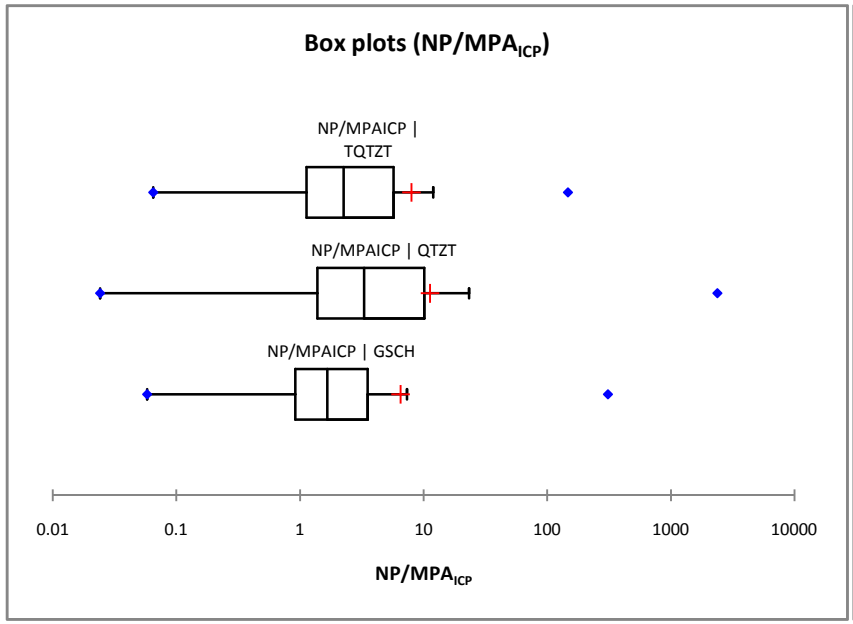
Table 3 and Table 4 show the distribution of samples from LQ according to NP/MPA range from the ABA and calculated ABA datasets, respectively. A total of 9 of the 24 or 37.5% of samples from the ABA dataset have NP/MPA ratios of >3, indicating minimal potential for net acidity. Three samples had a NP/MPA ratio of between 2 and 3, so 50% of samples have NP/MPA ratios of >3. A total of 1178 of 2495 samples, or 47% of the calculated ABA database had NP/MPA ratios of >3. 60% of samples have NP/MPA of >2.

As was observed in the Onek dataset, slightly higher NP/MPA ratios are expected in the ABA dataset because of the conservative usage of total S via ICP to calculate MPA without any sulphate subtraction factor. The opposite is observed at LQ, which is thought to be a result of skewing by insufficient sample numbers, particularly for GSCH.

Figure 5. Box Plots for NPNP/MPA







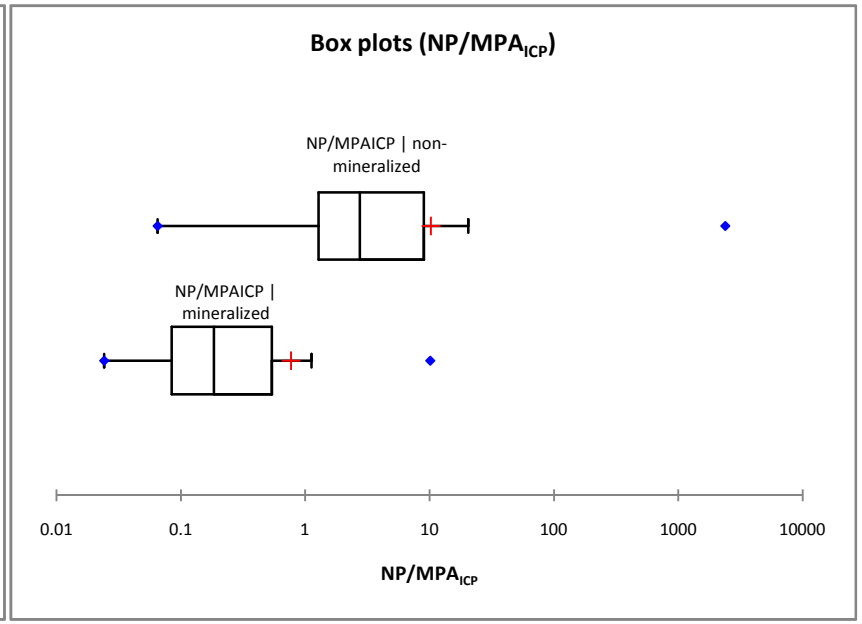


Table 4. Distribution of NP/MPA Samples in Lucky Queen Dataset

Lithology		NP/MPA				
Description	**Code**	**< 1**	**1 to 2**	**2 to 3**	**> 3**	**Total**
Graphitic Schist	GSCH	-	1	-	1	2
Quartzite	QTZT	5	2	2	4	13
Thin-bedded Quartzite	TQTZT	-	4	1	4	9
	Total	5	7	3	9	24

Table 5. Distribution of Calculated NP/MPA Samples in Lucky Queen Dataset

Lithology		NP_{Ca}/MPA_S				
Description	**Code**	**< 1**	**1 to 2**	**2 to 3**	**> 3**	**Total**
Graphitic Schist	GSCH	108	110	55	109	382
Quartzite	QTZT	303	359	218	954	1834
Thin-bedded Quartzite	TQTZT	65	61	37	115	279
	Total	476	530	310	1178	2495

Paste pH

The 24 ABA samples ranged in paste pH from 6.7 to 8.7 with median values above 8 except for QTZT, which had a median of 7.2. This indicates that none of the rock lithologies excluding VN were producing net acidity (assuming a cut off of pH 5.5) at the time of analysis.

Fizz Rating

The fizz rating used in ABA testing is a ranking system between 1 and 4 to rate the degree of effervescence observed when 25% HCl is added to a pulverized sample. This rating is used to determine the strength of acid to utilize for the neutralizing potential titration. The limited number of samples showed that the median value for most lithologies was 2 except for TQTZT which had a median of 3.

4. DISCUSSION

4.1 EXISTING GEOCHEMICAL SCREENING CRITERIA

Altura (2008b) conducted geochemical testwork including shake flask extraction tests on 47 samples from waste rock dumps and pit wall dumps from over the KHSD. These samples were collected in 1995-1996 with an excavator but have been at the surface for up to 80 years. This study showed that net acidity and/or Pb and Zn metal leaching (AML) was associated with the following geochemical characteristics:

- Net Acidity: The two key aspects of samples demonstrating leacheate pH ≤ 5.5 are either a calcium level in the rock of ≤ 0.51% or a CO_2 level of ≤ 0.6% coupled with an ICP sulphur level of ≥ 0.25%.
- Zinc Leaching: leaching of zinc to levels ≥ 10 mg/kg appears to occur under two differing conditions: i) solubilisation of zinc under net acidic conditions independent of zinc concentration in rock, and ii) solubilisation of zinc under overall neutral to alkaline conditions where Zn concentrations in rock exceed 5000 ppm.
- Lead Leaching: leaching of lead to levels ≥ 3 mg/kg occurs only under neutral pH conditions where Pb concentrations in rock exceed 5000 ppm.

Altura 2008b indicates that direct application of the factors of ≤0.51% Ca and ≥ S via ICP results in a few samples with NP/MPA marginally above the 1 being classified into the category of having low potential for net acidity. The lower calcium threshold in the weathered site-wide dump samples was attributed to solubilisation and flushing of calcium under ambient site conditions. Altura used an adjustment factor for fresh rock samples of 1.5 to the calcium criteria increasing the Ca threshold to 0.75%. An upper threshold for sulphur of 1.5% was also recommended to ensure that high sulphur samples are classified as being P-AML regardless of calcium content.

The geochemical screening criteria to identify P-AML rock, based on review of the Bellekeno ABA dataset and the district wide AML study were presented in Altura 2008b:

a) Ca% ≤ 0.75% and S via ICP ≥ 0.25%
b) Or S via ICP ≥ 1.5%
c) Or Pb ≥ 5000 ppm
d) Or Zn ≥ 5000 ppm

These criteria form the basis for the predictive waste rock classification system and geochemical verification which forms the basis of the Waste Rock Management Plan. Due to the generally similar stratigraphy and style of mineralization present at LQ the ARD/ML controlling and correlating factors derived therein should be applicable, even though the site wide ARD/ML correlation study did not include samples from LQ waste rock. The conservative adjustment used in the WRMP to increase the Ca% by a factor of 1.5 (from 0.5 to 0.75%) for fresh rock samples should also be valid for Lucky Queen.

4.2 ESTIMATED PROPORTIONS OF P-AML AND N-AML WASTE ROCK AND REVISED SCREENING CRITERIA FOR LUCKY QUEEN

The geochemical screening criteria were applied to the Lucky Queen ICP 2495 sample database in order to identify P-AML samples. QTZT shows the lowest percentage of samples indicated as P-AML at 20%, while GSCH, is 38% P-AML and TQTZT is intermediate at 30%.

The estimated proportions of P-AML material are somewhat similar to Bellekeno where QTZT was 22% P-AML and GSCH was much higher at 65% P-AML. In contrast with Onek, the schist lithologies at LQ exhibit higher proportions of P-AML and the QTZT lithologies exhibit lesser proportions of P-AML rock. This is explained partly at LQ in that in spite of higher median calcium levels, median sulphur levels in GSCH is significantly higher than QTZT. Median MPA in the non-mineralized LQ dataset (6.7 kg $CaCO3/23one$) is similar to that observed at Bellekeno in non-mineralized samples (5.6 kg $CaCO3/23one$) but median NP is much lower (17.5 kg $CaCO3/23one$ compared with 55 kg $CaCO3/23one$ at Bellekeno).

A reasonable similarity is expected between the proportion of samples identified using NP/MPA ratios as having minimal potential for the generation of net acidity and the proportion of samples identified as non-AML. At LQ, significantly greater percentage samples are identified as non-AML than percentage of samples above an NP/MPA ratio of 3, or even 2. This means that the application of the geochemical screening criteria would result in a significant number of samples identified as non-AML would have NP/MPA ratios below 2 or be in the "uncertain" range in terms of the potential for the generation of net acidity. The dissimilar proportions can be explained primarily by the generally lower NP observed at LQ, where samples which have S via ICP of less than 0.25 and also have minimal NP are not flagged as P-AML but have NP/MPA ratios of less than 2.

Although the district wide AML controlling and correlating factors and screening criteria derived by Altura (2008a) are believed to be effective at LQ, site specific minor modifications to make the screening criteria more conservative are deemed necessary. The rationale for these changes includes:

1. The district wide AML controlling and correlation factors study (Altura 2008a) did not include samples from Lucky Queen;
2. the significant discrepancy between percentage of samples identified as P-AML and identified as "uncertain" with respect the potential to generate net acidity as indicated by NP/MPA ratios; and,
3. uncertainty associated with the limited number of existing available ABA data from LQ.

It was found that lowering maximum % S via ICP in criterion (a) of the P-AML geochemical screening criteria from 0.25% to 0.15% resulted in an effective capture of samples which had low sulphur but also low calcium and identified these samples as P-AML. Based on this adjustment to the District WRMP the revised geochemical screening criteria proposed for LQ are as follows:

a) Ca% ≤ 0.75% and S via ICP ≥ 0.15%
b) Or S via ICP ≥ 1.5%
c) Or Pb ≥ 5000 ppm
d) Or Zn ≥ 5000 ppm

The proportion of samples identified as P-AML according to the revised geochemical screening criteria is shown in Table 7.

Table 6. Lucky Queen P-AML Samples Identified using Revised Geochemical Screening Criteria

Lithology		Number of Samples	# of P-AML Samples	% of P-AML Samples
Description	Code			
Graphitic Schist	GSCH	382	163	43%
Quartzite	QTZT	1834	633	35%
Thin Bedded Quartzite	TQTZT	279	115	41%

4.3 LUCKY QUEEN SITE SPECIFIC FIELD SCREENING CRITERIA

Field screening criteria to identify P-AML waste rock derived from both the Bellekeno geoenvironmental characterization study (Altura 2008b). Based on the revised geochemical screening criteria for identifying LQ P-AML rock presented above the maximum visual pyrite should be reduced to > 0.3% in samples with low neutralizing potential. The revised LQ field screening criteria for P-AML rock would then be as follows:

a) Slight or no effervescence of pulverized sample with 25% HCl (e.g. presence of none or only a few bubbles), and visual estimated pyrite >0.3%, or;
b) Any sample with one or more of the following:
    a. Visual estimated sphalerite >0.75%
    b. Visual estimated galena > 0.5%
    c. Visual estimated pyrite >2%
    d. Any vein material not deemed to be "mineralized"
    e. Paste pH ≤ 6.0

Subject to this change, the field screening criteria are considered to be valid for LQ. Field screening criteria are subject to minor revision as necessary in response to routine geochemical (ICP and ABA) testing which is also part of the Waste Rock Management Plan.

5. CONCLUSIONS

The relationships between ABA parameters and geochemical parameters included in the ICP metals database enabled extension of the database to included a much larger sample set and helped improve the understand the mineralogical controls on buffering and allow a more robust verification and minor modification of geochemical and field screening parameters which help form the basis of the waste rock segregation program.

The geology and style of mineralization at Lucky Queen shares a number of key similarities with the Bellekeno deposit. The deposits occur within the same major lithologic unit and share the same major rock lithologies, and while some differences exist, the style of mineralization is similar. As such, the geochemical and geoenvironmental characteristics of the rocks share a number of significant similarities. The WRMP, subject to the minor changes to geochemical and field screening

criteria, is anticipated to be effective for waste rock characterization and management at Lucky Queen.

Analysis of the Lucky Queen dataset indicated that while much of the rock is unlikely to produce net acidity and/or metal leaching, a significant proportion is indicated to be P-AML. The following key distinctions between Lucky Queen and Bellekeno are presented below:

- A higher overall proportion of samples at LQ are indicated by ABA testing and geochemical screening criteria as P-AML when compared with Bellekeno.
- The Lucky Queen deposit contains generally lower base metal concentrations (especially zinc) than the Bellekeno deposit, both within the veins and in the surrounding country rock, leading to less likelihood of metal leaching from these materials.
- While sulphur content and NPA is similar at Lucky Queen, calcium content and NP is significantly lower than Bellekeno.

Additional ABA sampling will be conducted as part of the geochemical verification of the WRMP will help to refine the understanding of sulphur speciation and MPA where the existing sampling is not well represented. Alexco may also wish to collect additional ABA samples during early phases of development and initial operations in order to better understand sulphur speciation and MPA potential especially within the graphitic schist unit. This additional information may allow the geochemical and field screening criteria for identifying P-AML to be relaxed at LQ.

The WRMP has demonstrated effectiveness at the Bellekeno mine for accurate identification, segregation, operational management and geochemical verification of waste rock. The site specific modifications to the screening criteria proposed herein are expected to ensure its efficacy at LQ. It is expected that aspects of the Waste Rock Management Plan may require minor modification in response to the feedback mechanisms featured within the WRMP. This operational responsiveness will assist with the efficacy of waste rock management at LQ and other mines within the district.

6. CLOSURE

We trust this report meets your current needs. If you have any questions or if we can be of further assistance, please contact the undersigned at (867) 668-6463.

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MEND, (2009). Prediction Manual for Drainage Chemistry from Sulphidic Geologic Materials. MEND Report 1.20.1. CANMET – Mining and Mineral Science Laboratories, Smithers, BC.

8. ATTACHMENTS

Appendix A1 – A2

Appendix B1 – B2

By Lithology

Statistic	Pb (ppm) | GSCH	Pb (ppm) | QTZT	Pb (ppm) | TQTZT	Pb (ppm) | VN	Zn (ppm) | GSCH	Zn (ppm) | QTZT	Zn (ppm) | TQTZT	Zn (ppm) | VN	Al (%) | GSCH	Al (%) | QTZT	Al (%) | TQTZT
No. of observations	382	1834	279	108	382	1834	279	108	382	1834	279
Minimum	1.000	1.000	1.000	6.000	13.000	2.000	6.000	13.300	0.190	0.100	0.270
Maximum	139500.000	302900.000	2600.000	238500.000	57300.000	96300.000	14500.000	84700.000	11.150	10.450	7.400
1st Quartile	13.000	6.000	10.000	183.000	77.000	33.000	49.500	405.750	3.993	0.433	0.815
Median	19.000	12.000	18.000	598.500	107.500	63.450	90.700	977.000	5.755	0.830	1.450
3rd Quartile	35.000	53.000	111.500	2517.500	159.000	175.500	322.500	2450.000	7.050	2.030	2.290
Mean	659.124	622.554	129.831	9023.635	506.007	363.218	461.990	5033.821	5.520	1.567	1.769
Variance (n-1)	64233747	104246192	90669	1131587246	10799422	7286633	1983311	159544964	5	3	2
Standard deviation (n-1)	8014.596	10210.102	301.112	33639.073	3286.247	2699.376	1408.301	12631.111	2.307	1.689	1.248

Statistic	Al (%) | VN	As (ppm) | GSCH	As (ppm) | QTZT	As (ppm) | TQTZT	As (ppm) | VN	Ba (ppm) | GSCH	Ba (ppm) | QTZT	Ba (ppm) | TQTZT	Ba (ppm) | VN	Ca (%) | GSCH	Ca (%) | QTZT
No. of observations	108	382	1834	279	108	382	1834	279	108	382	1834
Minimum	0.160	2.000	0.500	0.500	0.500	30.000	10.000	20.000	20.000	0.020	0.005
Maximum	6.640	2330.000	10000.000	445.000	10000.000	8470.000	2000.000	2380.000	1280.000	6.920	18.200
1st Quartile	0.340	12.000	2.500	4.000	7.000	500.000	70.000	150.500	70.000	0.380	0.080
Median	0.500	18.000	8.000	8.000	22.000	730.000	130.000	290.000	104.500	0.735	0.260
3rd Quartile	1.205	28.000	18.300	20.500	94.000	977.500	319.250	470.000	265.000	1.368	0.850
Mean	0.985	39.423	65.533	24.655	617.216	814.039	243.761	354.104	197.593	1.063	0.698
Variance (n-1)	1	22207	206072	2947	4576841	553094	66347	78524	48848	1	1
Standard deviation (n-1)	1.083	149.019	453.951	54.282	2139.355	743.703	257.578	280.221	221.016	1.051	1.151

By Lithology

Statistic	Ca (%) | TQTZT	Ca (%) | VN	Cd (ppm) | GSCH	Cd (ppm) | QTZT	Cd (ppm) | TQTZT	Cd (ppm) | VN	Fe (%) | GSCH	Fe (%) | QTZT	Fe (%) | TQTZT	Fe (%) | VN	Mg (%) | GSCH
No. of observations	279	108	382	1834	279	108	382	1834	279	108	382
Minimum	0.005	0.020	0.140	0.010	0.030	0.250	0.310	0.210	0.270	0.370	0.010
Maximum	8.340	8.740	658.000	1000.000	210.000	1000.000	12.400	25.700	6.960	19.500	1.980
1st Quartile	0.140	0.140	0.250	0.250	0.250	4.550	2.293	0.630	1.015	1.383	0.263
Median	0.440	0.330	0.250	0.250	0.700	11.050	3.020	1.050	1.460	2.860	0.420
3rd Quartile	0.995	0.938	1.000	1.800	3.650	41.550	3.718	1.690	1.990	6.258	0.650
Mean	0.816	0.874	5.767	4.354	5.965	69.505	3.045	1.399	1.628	4.666	0.565
Variance (n-1)	1	2	1624	960	422	30765	2	2	1	22	0
Standard deviation (n-1)	1.127	1.361	40.296	30.981	20.545	175.399	1.247	1.452	0.928	4.718	0.451

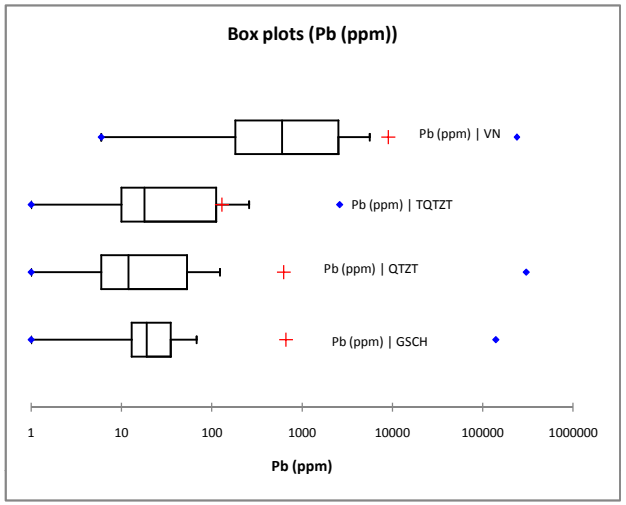
Statistic	Mg (%) | QTZT	Mg (%) | TQTZT	Mg (%) | VN	Mn (ppm) | GSCH	Mn (ppm) | QTZT	Mn (ppm) | TQTZT	Mn (ppm) | VN	S (%) | GSCH	S (%) | QTZT	S (%) | TQTZT	S (%) | VN
No. of observations	1834	279	108	382	1834	279	108	382	1834	279	108
Minimum	0.005	0.005	0.010	49.000	20.000	26.000	43.000	0.003	0.003	0.003	0.008
Maximum	9.730	2.090	2.210	54400.000	100000.000	30000.000	82800.000	3.640	6.090	3.540	10.000
1st Quartile	0.040	0.090	0.100	165.500	108.250	166.500	2470.000	0.133	0.030	0.097	0.318
Median	0.100	0.160	0.200	248.500	189.500	285.000	6580.000	0.631	0.140	0.266	0.588
3rd Quartile	0.240	0.260	0.378	910.250	601.500	1065.000	19200.000	1.298	0.380	0.587	1.050
Mean	0.212	0.225	0.353	1143.254	1462.605	1669.065	14136.926	0.793	0.281	0.409	1.163
Variance (n-1)	0	0	0	15833466	27688073	15339060	318128669	1	0	0	3
Standard deviation (n-1)	0.381	0.258	0.442	3979.129	5261.946	3916.511	17836.162	0.718	0.409	0.462	1.820

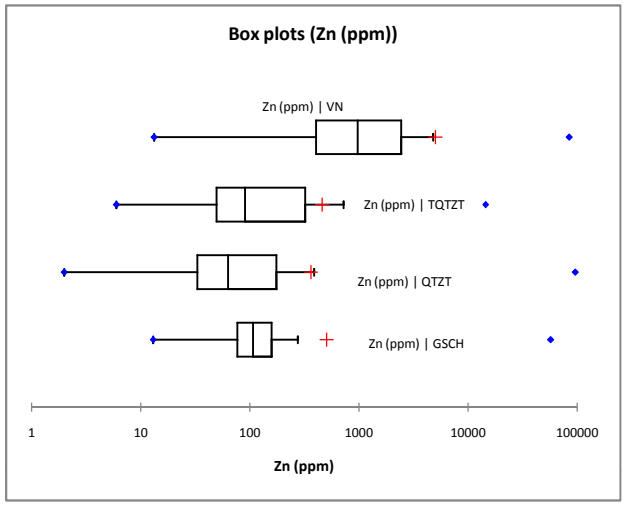
By Mineralized/Non-Mineralized

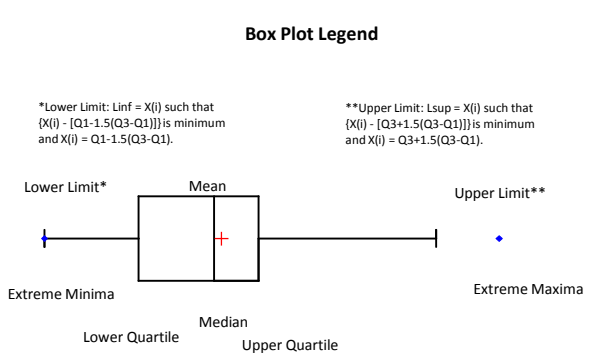
Statistic	Pb (ppm) | Mineralized	Pb (ppm) | Non-Mineralized	Zn (ppm) | Mineralized	Zn (ppm) | Non-Mineralized	Al (%) | Mineralized	Al (%) | Non-Mineralized	As (ppm) | Mineralized	As (ppm) | Non-Mineralized	Ba (ppm) | Mineralized	Ba (ppm) | Non-Mineralized	Ca (%) | Mineralized
No. of observations	59	2544	59	2544	59	2544	59	2544	59	2544	59
Minimum	58.000	1.000	129.000	2.000	0.140	0.100	1	1	30	10	0.010
Maximum	302900	4560	96300	4990	6.640	11.150	585	10000	1280	8470	8.740
1st Quartile	1485	7	2615	40	0.295	0.500	13	4	50	88	0.050
Median	6290	15	6970	78	0.360	1.240	22	10	80	199	0.140
3rd Quartile	23460	55	15250	191	0.660	3.030	61	21	110	480	0.310
Mean	36136	107	15068	253	0.800	2.176	66	81	131	342	0.687
Variance (n-1)	4637750324	108849	413217327	276982	1.414	5.023	11525	357486	35864	180811	2.247
Standard deviation (n-1)	68101	330	20328	526	1.189	2.241	107	598	189	425	1.499

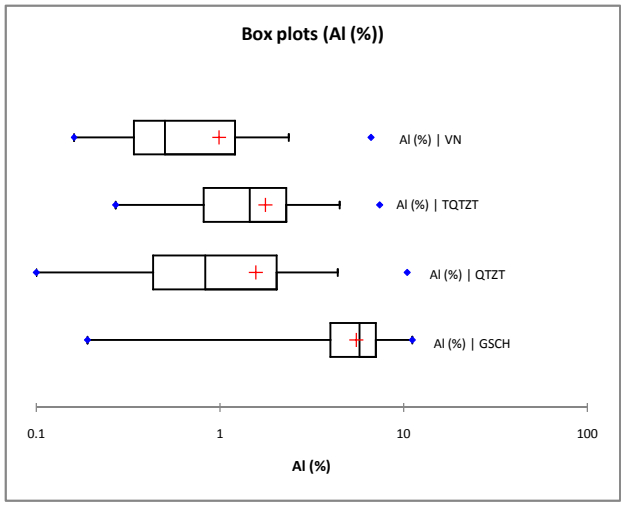
Statistic	Ca (%) | Non-Mineralized	Cd (ppm) | Mineralized	Cd (ppm) | Non-Mineralized	Fe (%) | Mineralized	Fe (%) | Non-Mineralized	Mg (%) | Mineralized	Mg (%) | Non-Mineralized	Mn (ppm) | Mineralized	Mn (ppm) | Non-Mineralized	S (%) | Mineralized	S (%) | Non-Mineralized
No. of observations	2544	59	2544	59	2544	59	2544	59	2544	59	2544
Minimum	0.005	3.200	0.010	0.600	0.210	0.010	0	459	20	0.240	0.003
Maximum	18.200	1000.000	120.000	23.100	25.700	2.200	10	96000	100000	8.510	10.000
1st Quartile	0.100	49.300	0.250	2.295	0.730	0.055	0	5515	122	0.620	0.040
Median	0.360	101.000	0.500	3.740	1.290	0.190	0	11600	215	0.960	0.180
3rd Quartile	0.940	235.000	1.900	8.470	2.210	0.420	0	27750	745	2.330	0.510
Mean	0.774	203.046	2.901	5.928	1.705	0.343	0	20227	1540	1.787	0.374
Variance (n-1)	1.303	65065.420	54.545	28.671	2.424	0.195	0	420539253	26467518	3.176	0.301
Standard deviation (n-1)	1.141	255.079	7.385	5.355	1.557	0.441	0	20507	5145	1.782	0.548

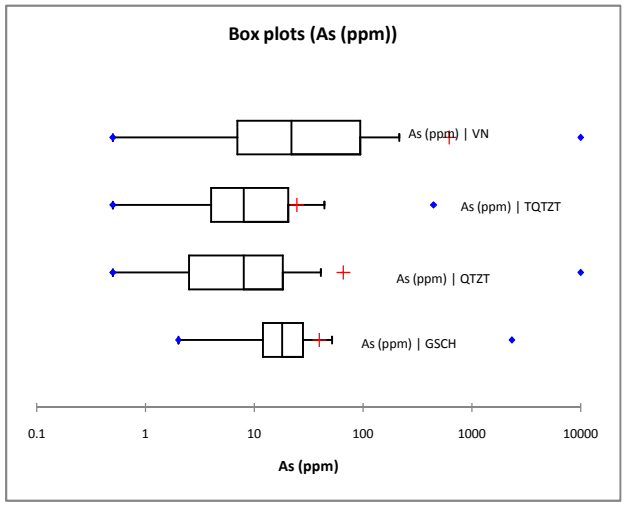
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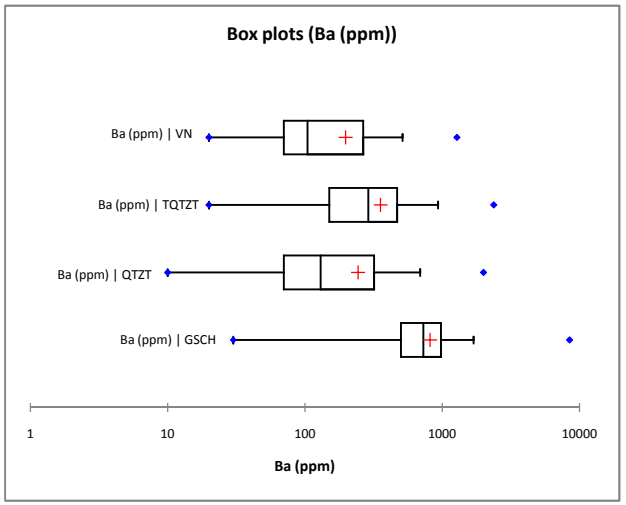




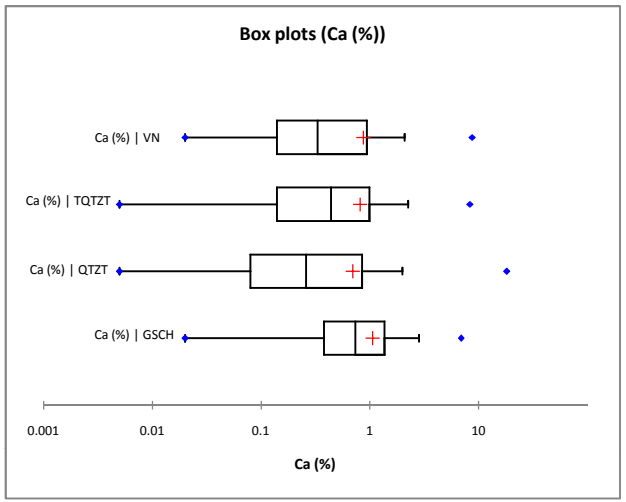


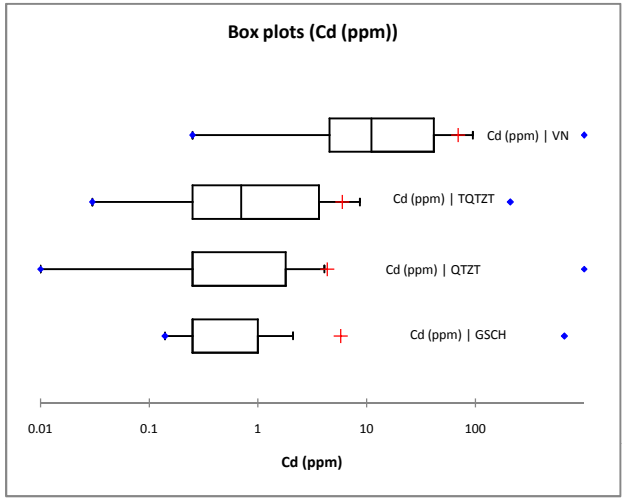


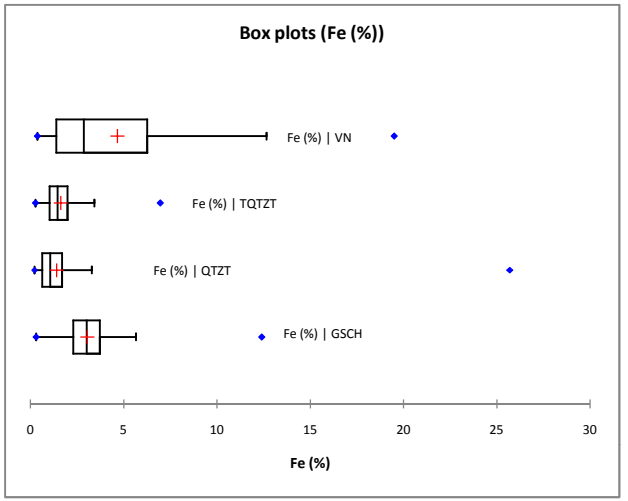


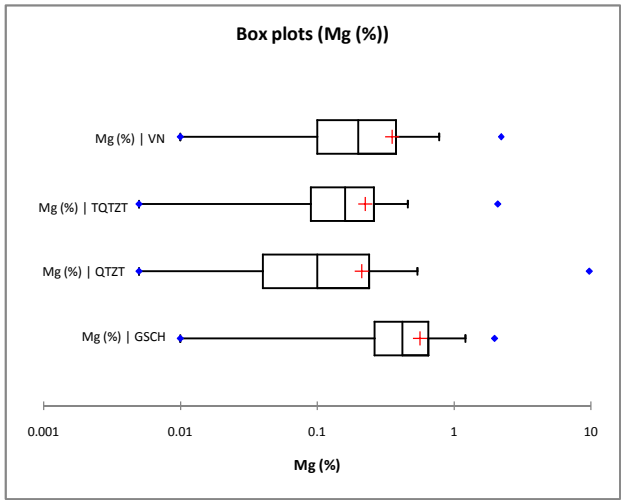


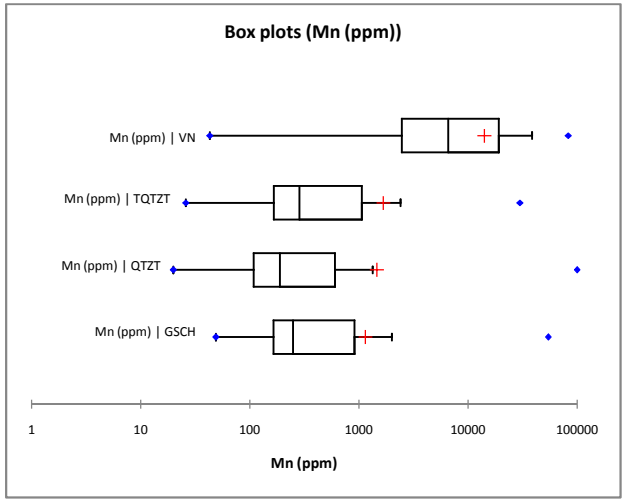
By Lithology

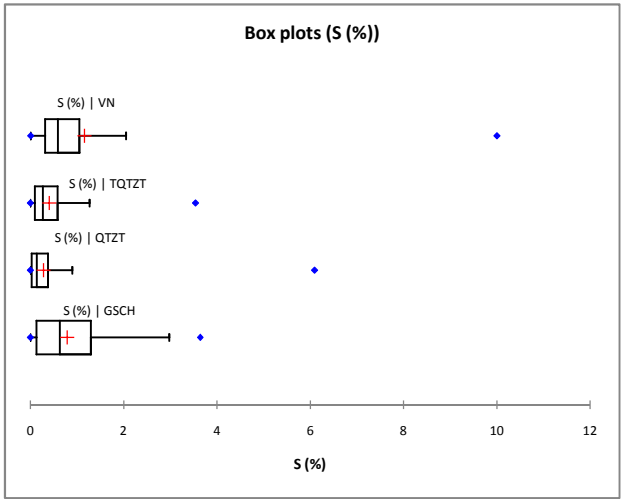




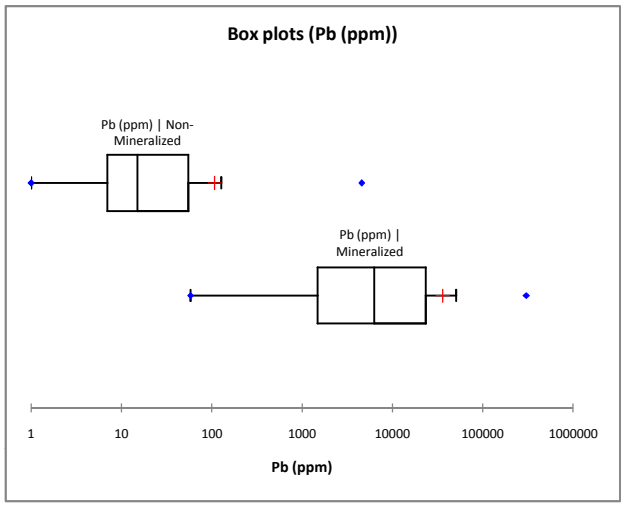


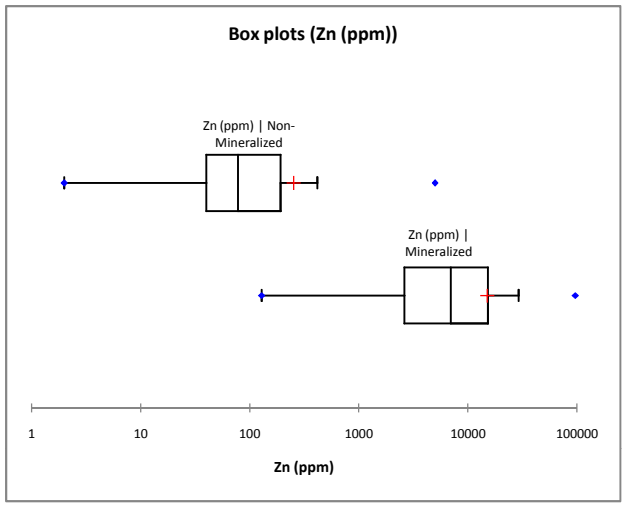


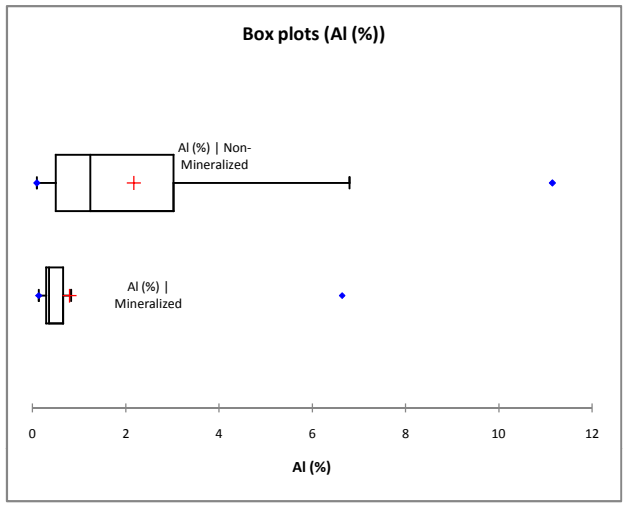


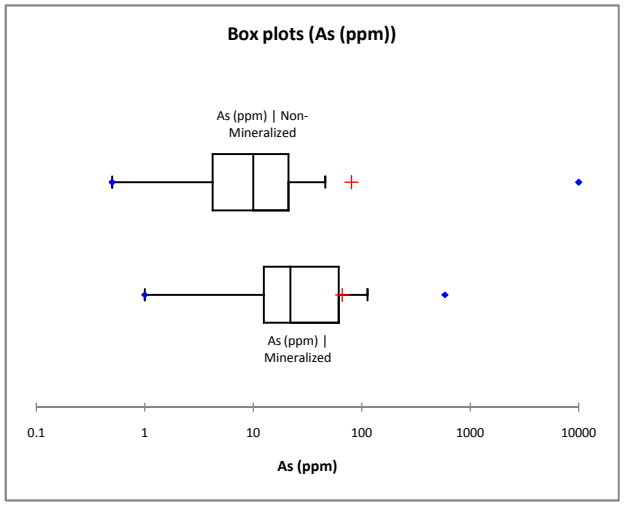


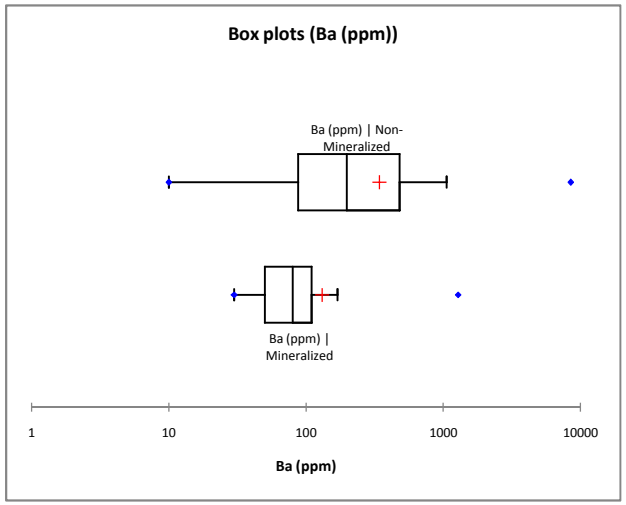
By Mineralized/Non-Mineralized

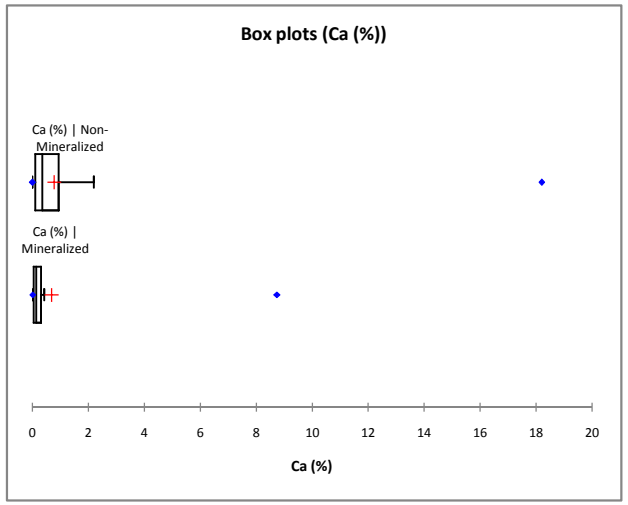




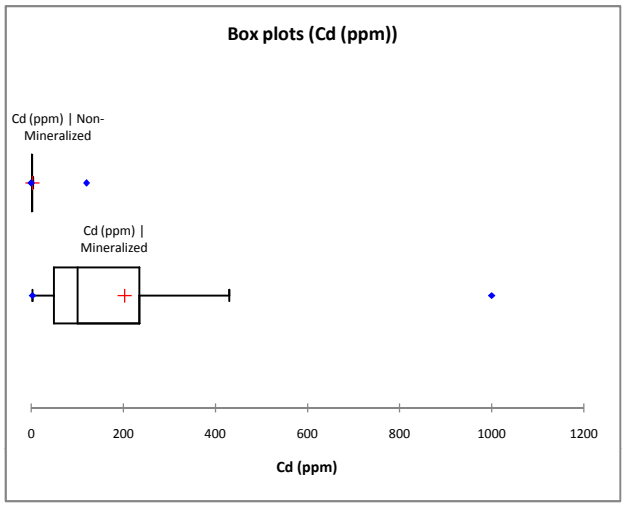


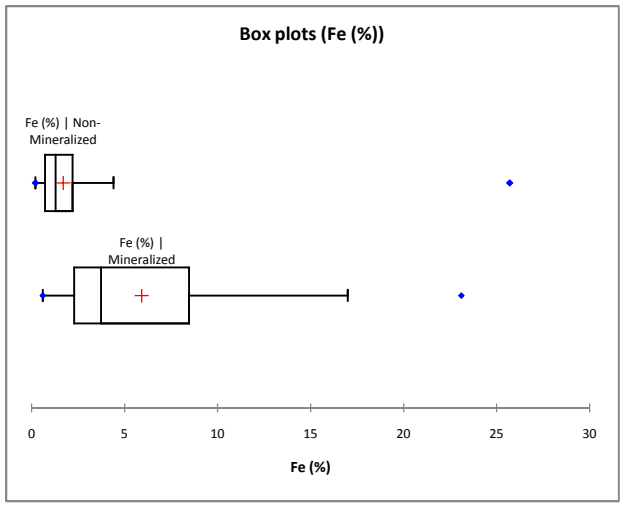


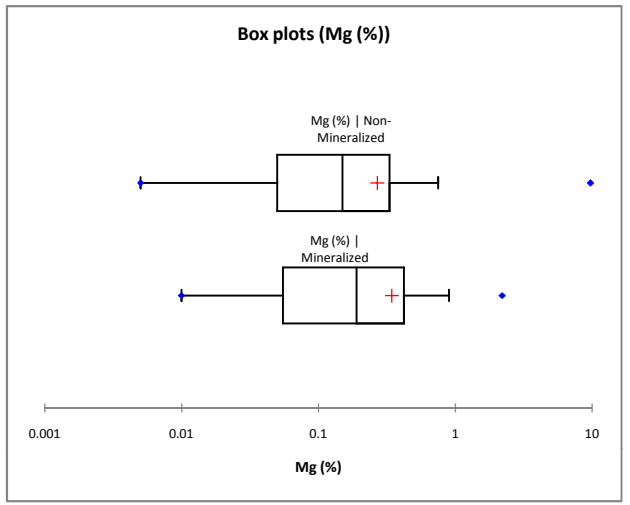


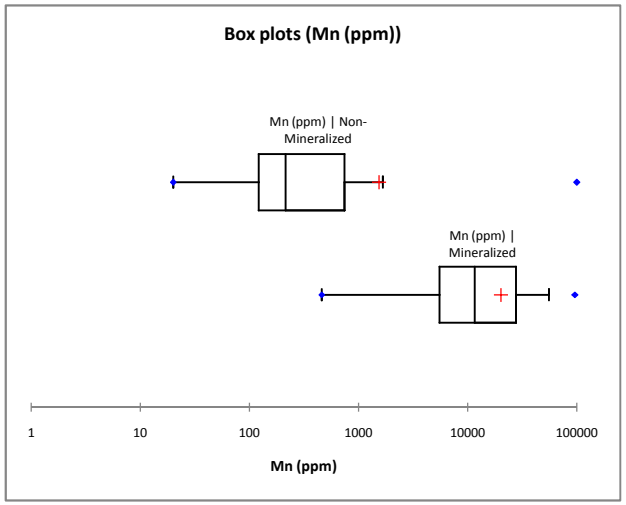


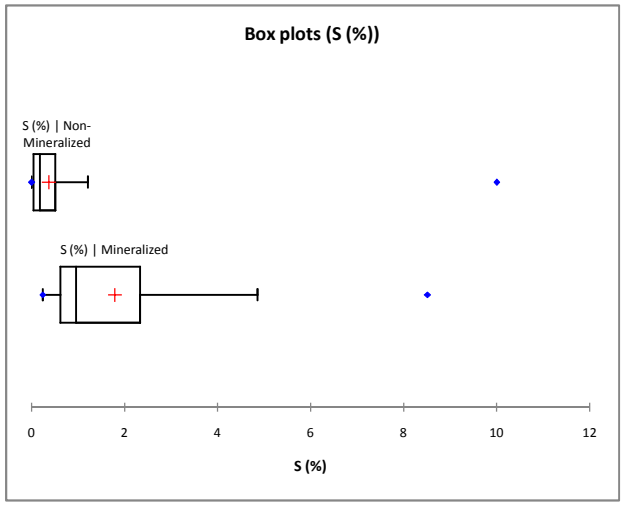
By Mineralized/Non-Mineralized











ABA Summary Statistics - By Lithology

Statistic	SO4 (HCl) | GSCH	SO4 (HCl) | QTZT	SO4 (HCl) | TQTZT	SSulphide | GSCH	SSulphide | QTZT	SSulphide | TQTZT	C_TOT | GSCH	C_TOT | QTZT	C_TOT | TQTZT	CO2TOT | GSCH	CO2TOT | QTZT	CO2TOT | TQTZT	S_TOT | GSCH	S_TOT | QTZT	S_TOT | TQTZT	NP/MPA | GSCH	NP/MPA | QTZT	NP/MPA | TQTZT	pH | GSCH	pH | QTZT	pH | TQTZT
No. of observations	2	13	9	2	13	9	2	13	9	2	13	9	2	13	9	2	13	9	2	13	9
Minimum	0.005	0.005	0.005	0.030	0.000	0.000	0.600	0.025	0.025	2.200	0.100	0.100	0.050	0.030	0.010	1.933	0.000	0.512	8.100	6.700	7.800
Maximum	0.020	0.040	0.070	1.435	1.610	1.040	1.340	1.010	1.300	4.900	3.700	4.800	1.440	1.620	1.070	19.200	3.600	137.600	8.200	8.500	8.700
1st Quartile	0.009	0.005	0.010	0.381	0.075	0.190	0.785	0.100	0.100	2.875	0.400	0.400	0.398	0.080	0.210	6.250	0.406	1.525	8.125	7.200	8.100
Median	0.013	0.005	0.010	0.733	0.165	0.240	0.970	0.140	0.330	3.550	0.500	1.200	0.745	0.170	0.250	10.567	1.200	3.657	8.150	7.600	8.300
3rd Quartile	0.016	0.010	0.020	1.084	0.625	0.410	1.155	0.260	0.620	4.225	1.000	2.300	1.093	0.630	0.420	14.883	3.200	17.342	8.175	8.200	8.600
Mean	0.013	0.010	0.020	0.733	0.386	0.337	0.970	0.260	0.427	3.550	0.969	1.578	0.745	0.395	0.356	10.567	1.622	22.182	8.150	7.669	8.311
Variance (n-1)	0	0	0	1	0	0	0	0	0	4	1	2	1	0	0	149	2	1936	0	0	0
Standard deviation (n-1)	0.011	0.010	0.020	0.993	0.478	0.329	0.523	0.307	0.401	1.909	1.123	1.472	0.983	0.477	0.327	12.209	1.337	44.005	0.071	0.560	0.302

Statistic	NP | GSCH	NP | QTZT	NP | TQTZT	NNP | GSCH	NNP | QTZT	NNP | TQTZT	FIZ_RATE | GSCH	FIZ_RATE | QTZT	FIZ_RATE | TQTZT	MPA | GSCH	MPA | QTZT	MPA | TQTZT
No. of observations	2	13	9	2	13	9	2	13	9	2	13	9
Minimum	30.000	0.000	4.000	28.438	-33.625	-3.813	2.000	1.000	1.000	1.563	0.938	0.313
Maximum	87.000	62.000	168.000	42.000	31.375	158.313	2.000	2.000	3.000	45.000	50.625	33.438
1st Quartile	44.250	3.000	23.000	31.828	-4.313	9.875	2.000	1.000	2.000	12.422	2.500	6.563
Median	58.500	8.000	43.000	35.219	2.063	17.563	2.000	2.000	2.000	23.281	5.313	7.813
3rd Quartile	72.750	15.000	51.000	38.609	5.500	42.813	2.000	2.000	2.000	34.141	19.688	13.125
Mean	58.500	12.231	53.667	35.219	-0.101	42.556	2.000	1.538	2.111	23.281	12.332	11.111
Variance (n-1)	1625	259	2604	92	214	2782	0	0	0	943	222	105
Standard deviation (n-1)	40.305	16.089	51.029	9.590	14.618	52.749	0.000	0.519	0.601	30.715	14.896	10.233

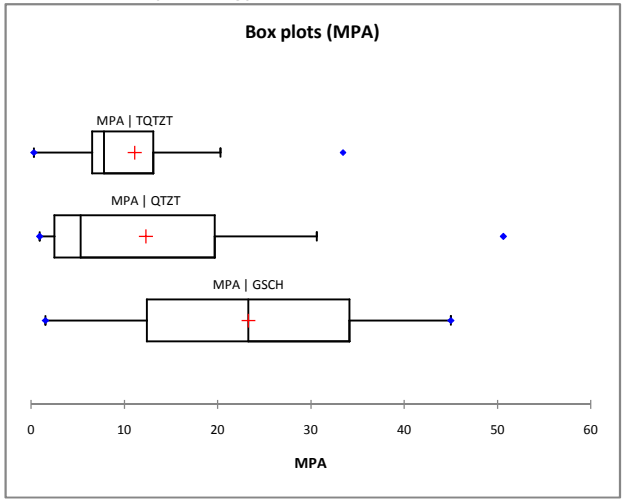
Calculated ABA Summary Statistics - By Lithology

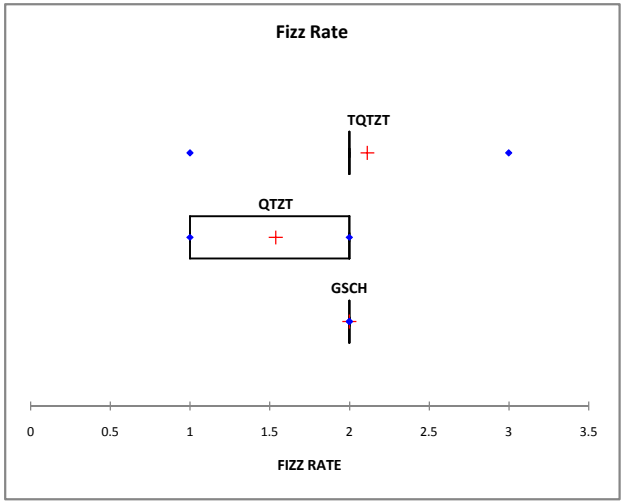
Statistic	MPAS | GSCH	MPAS | QTZT	MPAS | TQTZT	NPCa | GSCH	NPCa | QTZT	NPCa | TQTZT	NP/MPAI CP | GSCH	NP/MPAI CP | QTZT	NP/MPAI CP | TQTZT	NNPICP | GSCH	NNPICP | QTZT	NNPICP | TQTZT
No. of observations	382	1834	279	382	1834	279	382	1834	279	382	1834	279
Minimum	0.078	0.078	0.078	3.173	2.745	2.745	0.058	0.024	0.065	-107.154	-185.713	-91.764
Maximum	113.75	190.31	110.63	199.98	521.72	240.48	309.53	2385.01	147.18	150.92	521.50	228.20
1st Quartile	4.141	0.938	3.016	13.441	4.884	6.596	0.917	1.379	1.130	-2.213	2.130	1.337
Median	19.719	4.375	8.313	23.567	10.019	15.153	1.658	3.309	2.248	6.110	4.287	5.244
3rd Quartile	40.547	11.875	18.344	41.608	26.847	30.983	3.529	10.151	5.697	17.639	14.394	18.357
Mean	24.766	8.781	12.778	32.916	22.523	25.880	6.506	11.242	7.956	8.150	13.743	13.101
Variance (n-1)	504	163	209	898	1078	1034	383	4241	303	798	1113	1167
Standard deviation (n-1)	22.445	12.773	14.444	29.968	32.830	32.157	19.579	65.121	17.393	28.245	33.364	34.155

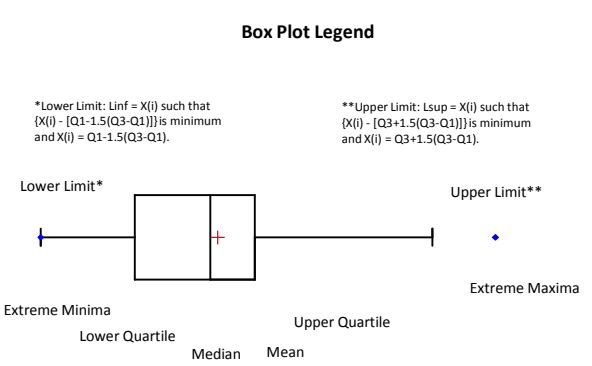
Calculated ABA Summary Statistics - By Mineralized vs Non-Mineralized

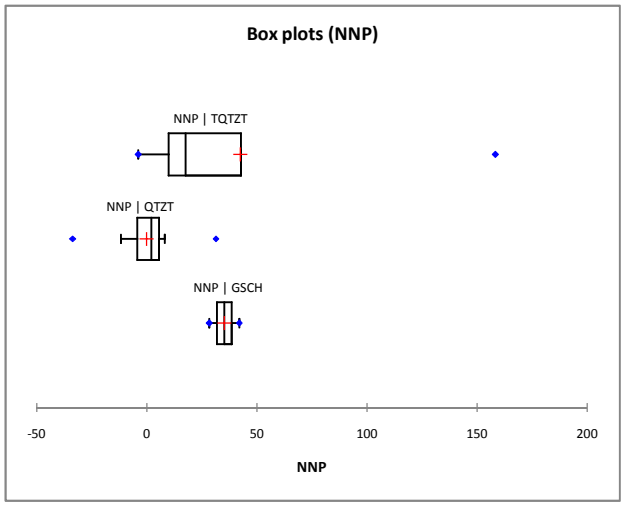
Statistic	MPAS | mineralized	MPAS | non-mineralized	NPCa | mineralized	NPCa | non-mineralized	NP/MPAICP | mineralized	NP/MPAICP | non-mineralized	NNPICP | mineralized	NNPICP | non-mineralized
No. of observations	31	2464	31	2464	31	2464	31	2464
Minimum	7.500	0.078	2.888	2.745	0.024	0.065	-185.713	-91.764
Maximum	190.31	110.63	158.05	521.72	10.12	2385.01	142.43	521.50
1st Quartile	18.516	1.250	4.314	5.455	0.084	1.280	-62.962	1.877
Median	35.313	5.625	7.166	12.871	0.184	2.749	-23.580	4.803
3rd Quartile	72.813	15.391	10.874	29.414	0.537	8.991	-6.938	15.624
Mean	52.918	11.156	17.076	24.583	0.768	10.268	-35.843	13.427
Variance (n-1)	2262	207	938	1060	3	3252	3629	1013
Standard deviation (n-1)	47.566	14.374	30.630	32.554	1.837	57.025	60.245	31.830

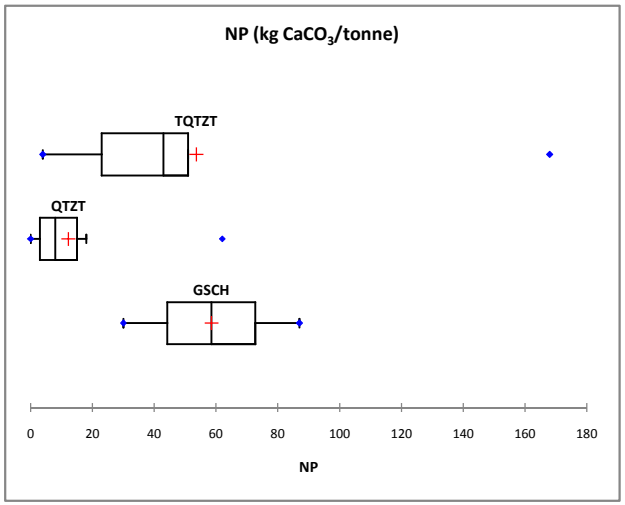
ABA Box Plots by Lithology

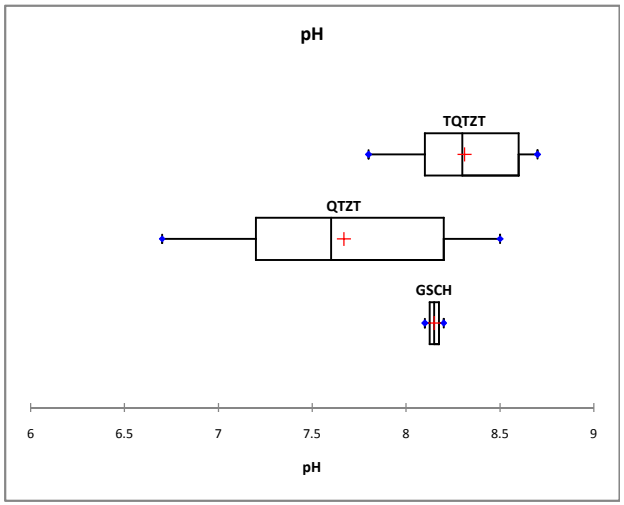




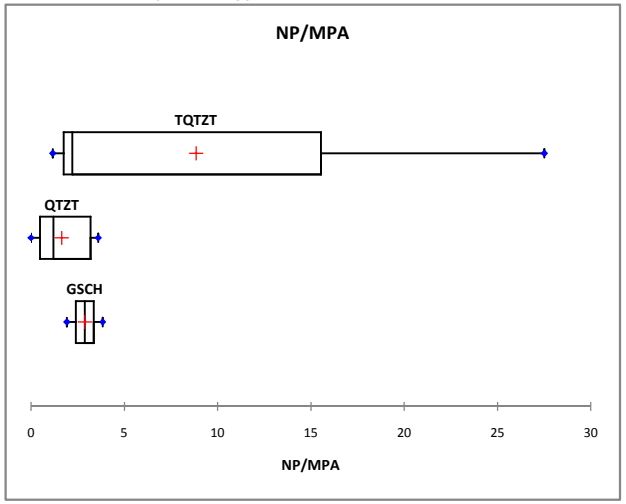


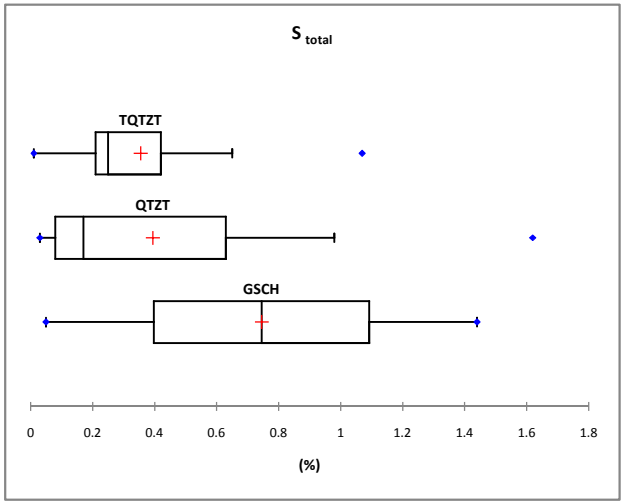


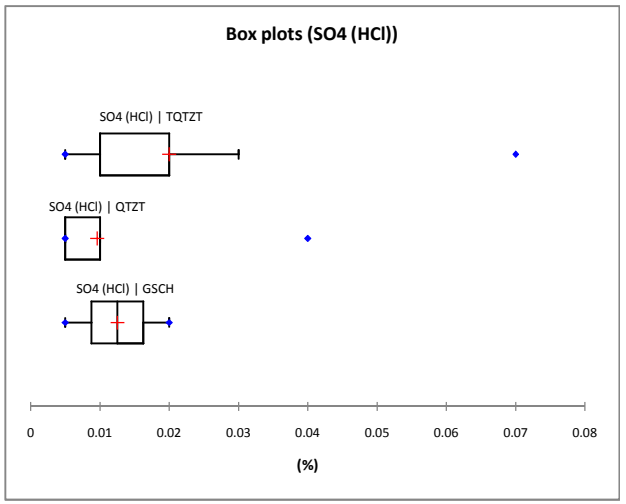


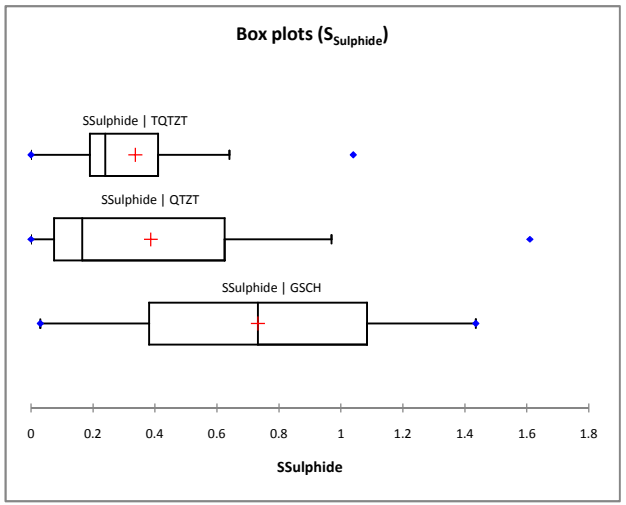


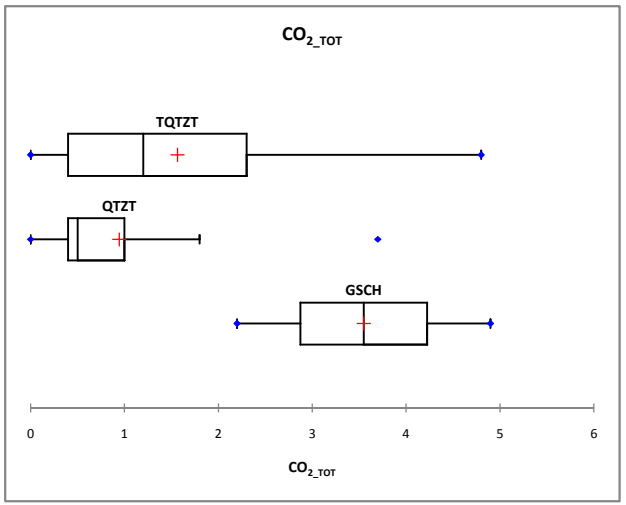
ABA Box Plots by Lithology

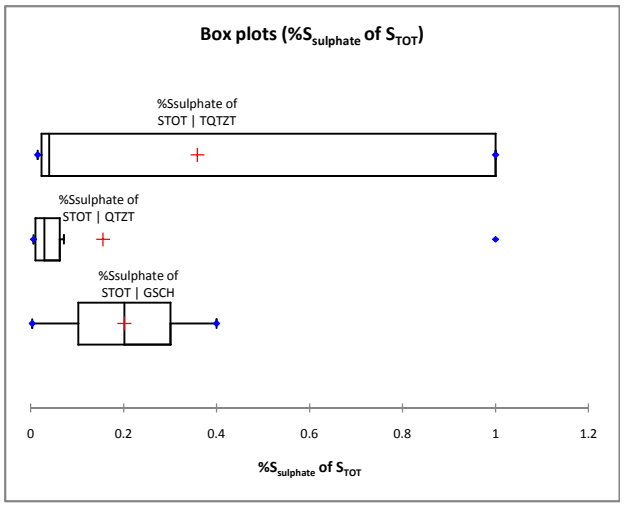




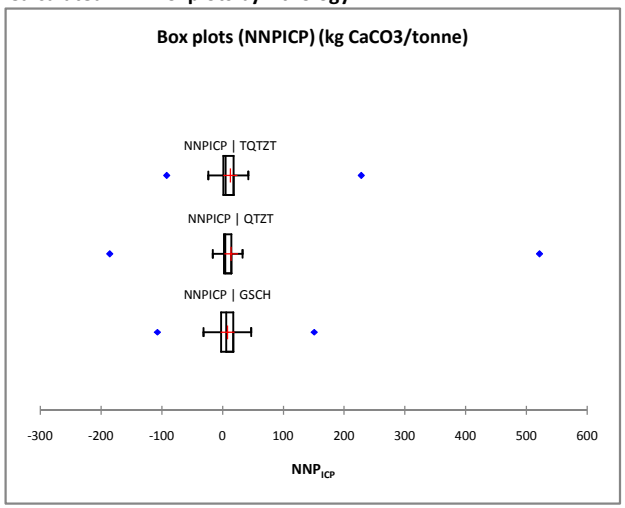


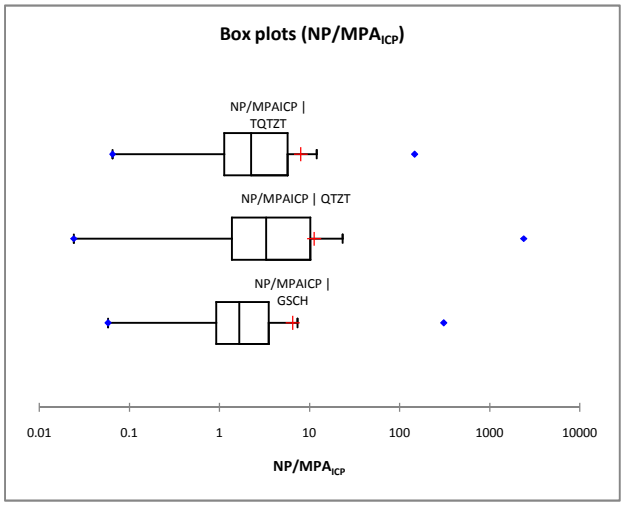


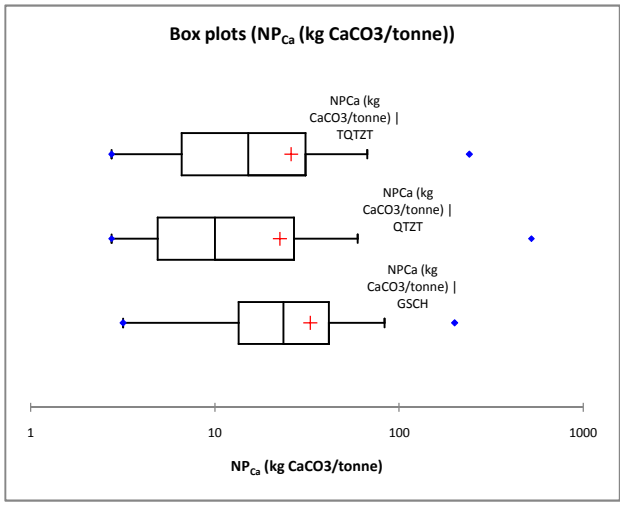


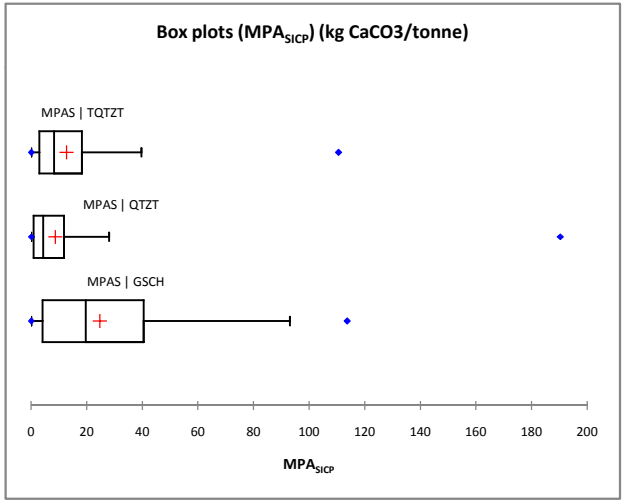


Calculated ABA Boxplots by Lithology

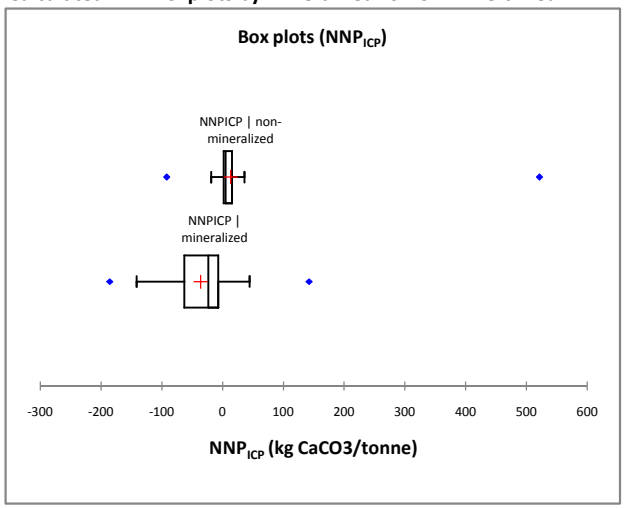


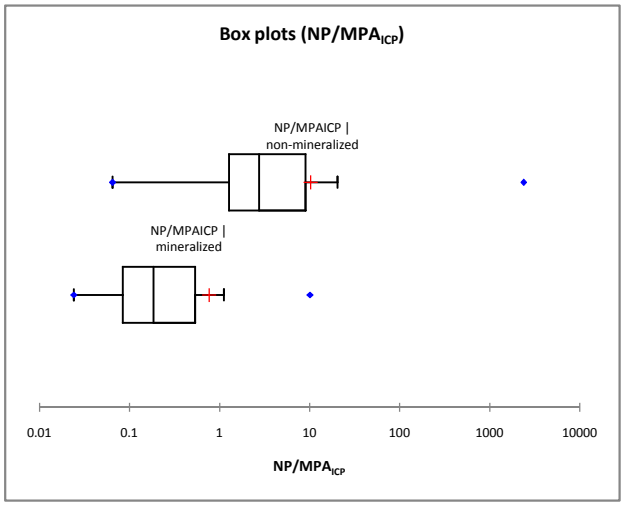


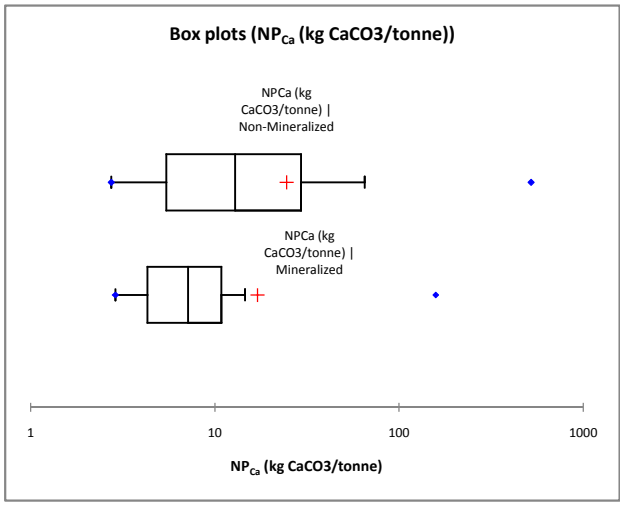


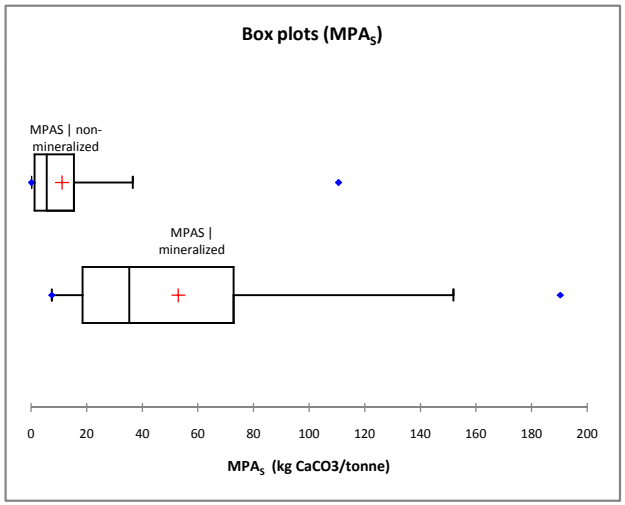


Calculated ABA Boxplots by Mineralized vs Non-Mineralized









Appendix I

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-10-0268	E773356	47	48.45	QTZT	non-mineralized	N-AML	0.003	0.9	10	51.8	0.27	18	63	<0.5	<1	0.02	<0.5	11	1.8	352	<0.5	4.7	0.41	<5	<1	0.11	5	8	0.01	246	2.6	<0.01	6.7	67	<10
K-10-0266	E757298	78.76	80.73	QTZT	non-mineralized	N-AML	0.002	<0.5	9	49.4	0.9	7	139	<0.5	2	0.07	<0.5	10	2.9	524	<0.5	1.7	0.81	<5	2	0.39	6	12	0.04	84	3.5	0.05	8.4	120	27
K-06-0018	C214136	47	49	QTZT	non-mineralized	N-AML	0.02	<0.5	14	28	1.21	6	240	<0.5	<2	0.05	<0.5		2	38		22	0.61			0.3			0.04	33	<1	0.03	10	200	
K-10-0266	E757316	106.74	108.28	QTZT	non-mineralized	N-AML	0.003	32.2	12	718	0.85	35	219	<0.5	<1	0.05	7.1	11	3.2	473	1.2	10.8	1.46	<5	<1	0.34	5	4	0.04	669	3.9	0.02	13.7	304	18
K-10-0268	E773392	100.46	102.41	TQTZT	non-mineralized	N-AML	<0.002	<0.5	8	37.6	0.73	5	467	<0.5	<1	0.17	<0.5	13	1.7	301	1.1	6.3	0.56	<5	<1	0.27	7	17	0.06	104	2.2	0.03	8.6	274	11
K-10-0266	E757333	128.4	130.27	QTZT	non-mineralized	N-AML	0.005	1.8	103	518	3.55	23	924	1.4	<1	0.1	6.8	17	3.1	541	6.1	16.9	2.73	12	<1	1.48	8	12	0.16	4080	3.7	0.19	18	511	92
K-10-0266	E757384	203.14	205.29	QTZT	non-mineralized	N-AML	0.01	<0.5	23	240	0.43	6	70	<0.5	<2	0.21	1.2		2	47		3	0.63	<10	<1	0.13	20		0.06	568	1	0.01	6	150	
K-10-0268	E773462	205.04	206.98	QTZT	non-mineralized	P-AML	0.02	<0.5	22	54	0.83	77	160	<0.5	<2	0.2	0.6		1	58		8	0.66	<10	<1	0.27	10		0.07	176	2	0.02	6	100	
K-10-0266	E757358	163.56	165.67	QTZT	non-mineralized	N-AML	<0.002	<0.5	3	17.3	0.38	<1	81	<0.5	<1	0.3	<0.5	6	2	404	<0.5	1.3	0.54	<5	<1	0.11	3	3	0.05	114	3.1	<0.01	5.4	146	<10
K-06-0018	C214169	102	104	QTZT	non-mineralized	P-AML	<0.01	<0.5	7	52	1.82	<5	350	0.5	<2	0.31	<0.5		3	44		11	1.26			0.37			0.17	147	1	0.04	15	210	
K-06-0018	C214191	138	140	QTZT	non-mineralized	N-AML	<0.01	3.8	20	44	1.21	13	170	<0.5	<2	0.55	<0.5		4	42		36	0.61			0.36			0.1	146	<1	0.03	9	280	
K-06-0018	C214147	65	67	QTZT	non-mineralized	P-AML	<0.01	0.5	24	117	7.91	30	970	2.4	<2	0.98	<0.5		10	125		24	3.19			1.41			0.45	152	<1	0.22	44	1160	
K-06-0018	C214218	172.5	174	QTZT	non-mineralized	P-AML	0.02	4	208	546	0.94	25	200	<0.5	2	0.17	6.3		1	28		6	1.91			0.31			0.13	5270	<1	0.03	8	180	
K-10-0268	E773416	138.78	139.72	TQTZT	non-mineralized	P-AML	0.003	<0.5	10	51.2	1.62	2	370	0.6	<1	0.6	<0.5	11	4.6	480	1.9	16.4	1.39	5	<1	0.5	5	14	0.28	158	3.4	0.11	19.5	361	24
K-10-0268	E773449	186.27	188.15	TQTZT	non-mineralized	P-AML	0.01	0.7	9	45	3.24	29	470	0.7	<2	0.6	<0.5		6	81		12	2.1	10	<1	0.64	20		0.3	130	3	0.07	24	290	
K-10-0266	E757306	90.65	92.72	TQTZT	non-mineralized	N-AML	<0.002	1.9	20	56.1	2.1	8	472	0.8	<1	0.81	0.9	18	3.8	519	2.9	15.3	1.68	7	<1	0.76	10	20	0.23	200	3.6	0.11	18.3	481	29
K-10-0268	E773373	72.15	74.17	GSCH	non-mineralized	N-AML	<0.002	<0.5	24	133	4.66	13	1230	3.7	<1	0.51	<0.5	20	18.5	305	3.9	17.7	4.6	28	<1	1.66	9	108	0.51	398	2.2	0.24	66.4	881	32
K-10-0268	E773361	55.93	58.28	TQTZT	non-mineralized	N-AML	<0.002	0.6	14	54.5	2.22	8	557	1.1	<1	2.04	<0.5	19	5	338	2.4	13.2	1.66	8	<1	0.67	9	15	0.13	285	2.3	0.07	21.1	519	19
K-10-0268	E773399	111.65	113.85	TQTZT	non-mineralized	N-AML	0.005	0.7	16	94.4	2.52	5	683	2.3	<1	1.06	<0.5	19	9.8	437	4	43.7	2.36	14	<1	1.29	9	24	0.44	256	4.7	0.18	42.8	603	38
K-10-0266	E757362	170.15	172.52	TQTZT	non-mineralized	N-AML	0.005	0.6	14	65.9	2.65	7	489	1.4	<1	1.37	<0.5	15	7.2	358	<0.5	10.4	2.51	10	<1	1.06	9	21	0.36	223	0.8	0.14	30.2	585	30
K-06-0018	C214179	118	120	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	36	2.12	11	430	0.5	<2	2.27	<0.5		3	53		10	1.44			0.51			0.24	128	<1	0.07	15	470	
K-06-0018	C214233	196	198	GSCH	non-mineralized	N-AML	<0.01	3	134	274	6.72	30	710	1.8	<2	3.55	2.3		12	65		37	3.85			2.49			1.79	1935	10	0.12	38	1390	
K-10-0266	E757401	218.12	219.76	TQTZT	non-mineralized	N-AML	0.03	<0.5	12	42	0.79	7	250	<0.5	2	2.88	0.7		3	42		3	0.94	<10	2	0.22	20		0.82	1020	1	0.03	6	160	
K-10-0272	E757491	305.42	306.93	TQTZT	non-mineralized	N-AML	0.004	<0.5	16	46.7	1.79	1	569	<0.5	<1	5.55	<0.5	15	3.9	150	2.5	4.4	1.42	5	<1	0.72	9	5	0.79	500	1.5	0.04	12.4	456	41
K-06-0017	C213945	7.6	9.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	33	0.83	6	180	<0.5	<2	3.05	<0.5		2	32		3	0.54			0.2			0.05	207	<1	0.02	5	140	
K-06-0017	C213946	9.5	11	QTZT	non-mineralized	N-AML	0.01	<0.5	3	47	0.7	5	110	<0.5	<2	0.29	<0.5		3	31		4	0.66			0.12			0.04	145	<1	0.02	8	170	
K-06-0017	C213947	11	12.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	48	1.19	6	160	<0.5	<2	0.74	<0.5		3	41		7	0.94			0.2			0.1	110	<1	0.03	10	190	
K-06-0017	C213948	12.5	14	QTZT	non-mineralized	N-AML	<0.01	0.5	14	52	6.09	11	850	2.2	<2	0.18	<0.5		3	103		14	1.64			1.19			0.16	105	1	0.29	19	210	
K-06-0017	C213950	14	15.5	QTZT	non-mineralized	N-AML	0.01	1.9	7	32	1.38	<5	160	<0.5	<2	0.03	<0.5		2	47		21	0.75			0.22			0.06	41	<1	0.04	8	110	
K-06-0017	C213951	15.5	17.1	QTZT	mineralized	P-AML	<0.01	0.6	<2	21	0.72	6	90	<0.5	<2	0.02	<0.5		2	38		8	0.61			0.11			0.04	66	<1	0.02	6	80	
K-06-0017	C213952	17.1	18.6	QTZT	non-mineralized	N-AML	0.03	0.9	19	43	5.49	16	870	1.3	<2	0.1	<0.5		2	92		12	1.62			1.17			0.16	121	<1	0.22	18	310	
K-06-0017	C213953	18.6	20.1	QTZT	mineralized	P-AML	<0.01	<0.5	<2	57	3.26	13	140	0.5	<2	2.56	0.6		13	67		73	3.27			0.17			0.79	450	<1	0.03	33	450	
K-06-0017	C213954	20.1	21.6	QTZT	non-mineralized	P-AML	<0.01	<0.5	10	62	4.19	11	650	1.2	<2	0.07	0.6		4	87		18	2.19			0.89			0.16	77	<1	0.11	22	500	
K-06-0017	C213955	21.6	23.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	70	3.01	16	400	0.8	<2	0.07	<0.5		4	64		14	1.7			0.61			0.13	113	<1	0.07	18	430	
K-06-0017	C213956	23.2	24.7	QTZT	non-mineralized	N-AML	0.01	<0.5	2	25	0.87	8	150	<0.5	<2	0.03	<0.5		<1	37		8	0.47			0.24			0.03	60	<1	0.01	1	110	
K-06-0017	C213957	24.7	26.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	64	0.35	<5	70	<0.5	<2	0.13	<0.5		2	33		3	0.23			0.12			0.02	287	<1	0.01	4	120	
K-06-0017	C213958	26.2	27.8	QTZT	non-mineralized	N-AML	0.01	<0.5	54	126	0.78	7	130	<0.5	<2	0.1	1.9		1	44		7	0.57			0.25			0.02	303	<1	0.02	4	160	
K-06-0017	C213960	27.8	29.3	QTZT	non-mineralized	P-AML	<0.01	0.9	110	186	2.07	20	310	<0.5	<2	0.05	1.7		1	54		11	1.08			0.68			0.04	311	1	0.05	6	410	
K-06-0017	C213962	29.3	30.8	QTZT	non-mineralized	N-AML	<0.01	0.6	34	124	0.47	5	80	<0.5	<2	0.03	0.9		<1	24		10	0.94			0.16			<0.01	1105	<1	0.01	1	140	
K-06-0017	C213963	30.8	32.3	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	74	0.71	<5	120	<0.5	<2	0.05	0.8		<1	32		3	0.44			0.19			0.02	427	<1	0.02	3	150	
K-06-0017	C213964	32.3	33.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	179	0.33	<5	60	<0.5	<2	0.04	4.5		1	18		6	0.24			0.1			<0.01	960	<1	0.01	6	120	
K-06-0017	C213965	33.8	35.4	QTZT	non-mineralized	N-AML	0.01	0.7	38	72	0.36	15	70	<0.5	<2	0.02	0.5		<1	21		12	0.53			0.12			<0.01	507	<1	0.01	3	140	
K-06-0017	C213966	35.4	36.9	QTZT	non-mineralized	N-AML	<0.01	<0.5	24	73	0.32	<5	60	<0.5	<2	0.03	0.7		<1	28		3	0.45			0.11			<0.01	540	<1	<0.01	3	150	
K-06-0017	C213968	36.9	38.4	QTZT	non-mineralized	N-AML	<0.01	3	27	48	0.32	5	60	<0.5	<2	0.02	<0.5		<1	21		33	0.34			0.11			<0.01	69	<1	<0.01	1	150	
K-06-0017	C213969	38.4	40	QTZT	non-mineralized	N-AML	0.01	0.8	7	34	0.35	<5	50	<0.5	<2	0.03	<0.5		<1	29		7	0.38			0.1			<0.01	30	<1	<0.01	<1	190	
K-06-0017	C213970	40	41.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	20	0.39	5	160	<0.5	<2	0.03	<0.5		<1	21		7	0.31			0.12			0.01	30	<1	0.01	2	140	
K-06-0017	C213971	41.5	43	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	29	0.76	<5	120	<0.5	<2	0.02	<0.5		1	27		7	0.52			0.21			0.02	33	<1	0.01	3	170	
K-06-0017	C213972	43	44.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	19	49	0.41	6	70	<0.5	<2	0.04	0.5		<1	24		6	0.36			0.15			<0.01	48	<1	0.01	3	250	
K-06-0017	C213973	44.5	46	QTZT	non-mineralized	P-AML	<0.01	0.7	47	199	6.83	21	730	1.6	<2	0.26	1.1		11	79		28	3.73			1.11			0.33	341	<1	0.15	43	750	
K-06-0017	C213974	46	47.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	33	1.86	12	280	0.5	<2	1.06	<0.5		3	32		10	1.3			0.4			0.43	164	<1	0.05	11	280	
K-06-0017	C213975	47.5	49.1	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	17	0.56	<5	100	<0.5	<2	0.54	<0.5		1	26		5	0.59			0.15			0.2	96	<1	0.01	4	190	
K-06-0017	C213977	49.1	50.6	QTZT	mineralized	P-AML	<0.01	<0.5	<2	14	0.41	<5	80	<0.5	<2	0.12	<0.5		1	46		7	0.39			0.12			0.03	36	<1	0.01	3	290	
K-06-0017	C213978	50.6	52.1	QTZT	non-mineralized	N-AML	0.01	<0.5	16	78	5.04	8	730	1.5	<2	0.36	<0.5		5	72		16	2.22			1.02			0.26	128	<1	0.12	30	410	
K-06-0017	C213979	52.1	53.6	QTZT	non-mineralized	P-AML	<0.01	<0.5	31	132	9.53	18	1330	2.4	<2	0.52	<0.5		14	117		33	4.19			1.73			0.58	213	<1	0.2	57	810	
K-06-0017	C213980	53.6	55.1	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	141	1.15	<5	170	<0.5	2	2.39	0.6		3	36		8	1.46			0.2			0.76	278	<1	0.03	8	330	
K-06-0017	C213981	55.1	56.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	81	1.18	<5	230	<0.5	<2	1.37	<0.5		2	33		8	0.96			0.28			0.43	153	<1	0.04	7	210	
K-06-0017	C213983	56.7	57.2	QTZT	non-mineralized	N-AML	<0.01	0.5	15	177	1.68	14	300	<0.5	<2	0.87	1.8		3	36		8	0.87			0.42			0.1	252	<1	0.04	15	260	
K-06-0017	C213984	57.2	58.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	13	187	4	18	640	1.1	<2	0.83	2.6		4	61		16	1.7			0.86			0.19	136	<1	0.1	18	430	
K-06-0017	C213985	58.7	61.3	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	66	3.62	15	600	0.9	<2	0.83	<0.5		4	57		11	1.49			0.78			0.2	99	<1	0.09	19	450	
K-06-0017	C214014	96.3	97.8	PHY	non-mineralized	P-AML	<0.01	0.7	9	129	6.5	7	1190	1.9	<2	0.22	<0.5		9	105		30	2.27			1.65			0.33	219	1	0.13	39	470	
K-06-0017	C214015	97.8	99.4	PHY	non-mineralized	P-AML	0.01	0.7	11	108	6.44	15	1130	2.2	<2	0.23	0.5		9	112		61	2.37			1.74			0.35	144	1	0.13	36	380	
K-06-0017	C214016	99.4	100.9	PHY	non-mineralized	P-AML	0.01	<0.5	11	85	2.21	7	410	0.7	<2	0.56	<0.5		5	48		18	1.52			0.56			0.32	282	<1	0.04	20	230	
K-06-0017	C214018	100.9	102.4	PHY	non-mineralized	P-AML	<0.01	<0.5	10	59	1.51	5	320	<0.5	<2	0.3	<0.5		2	38		11	0.88			0.4			0.16	135	<1	0.03	13	360	
K-06-0017	C214019	102.4	105.5	PHY	non-mineralized	N-AML	0.02	<0.5	5	56	0.55	<5	90	<0.5	<2	0.38	<0.5		1	25		3	0.64			0.11			0.17	254	<1	0.01	6	100	
K-06-0017	C214020	105.5	107.5	PHY	non-mineralized	P-AML	0.01	<0.5	5	42	0.75	<5	140	<0.5	<2	0.49	<0.5		<1	23		4	0.66			0.19			0.09	180	<1	0.02	5	310	
K-06-0017	C214021	107.5	109.5	PHY	non-mineralized	N-AML	<0.01	<0.5	9	310	0.88	5	200	<0.5	<2	5.05	<0.5		9	25		5	1.71			0.25			0.94	1540	<1	0.02	15	500	
K-06-0017	C214022	109.5	111.6	PHY	non-mineralized	N-AML	<0.01	<0.5	12	222	3.06	12	510	0.9	<2	3.11	0.8		8	65		10	2.02			0.68			0.34	836	<1	0.09	26	920	
K-06-0017	C214023	111.6	113.3	PHY	non-mineralized	P-AML	<0.01	0.6	14	73	3.76	11	420	1	<2	1.21	0.7		5	79		13	1.93			0.86			0.19	114	1	0.1	24	1420	
K-06-0017	C214025	113.3	114.6	PHY	non-mineralized	N-AML	<0.01	<0.5	9	25	1.01	<5	210	<0.5	<2	6.59	<0.5		1	29		5	2.03			0.23			1.92	415	<1	0.02	8	530	
K-06-0017	C214026	114.6	115.9	PHY	non-mineralized	N-AML	<0.01	<0.5	10	43	2.74	15	550	0.7	<2	0.88	<0.5		6	64		13	1.55			0.65			0.19	134	<1	0.07	20	730	
K-06-0017	C214027	115.9	116.6	PHY	non-mineralized	P-AML	<0.01	<0.5	11	85	4.99	7	370	1.6	<2	1.12	<0.5		7	95		14	2.16			1.16			0.15	241	<1	0.16	31	1050	
K-06-0017	C214029	116.6	117.3	PHY	non-mineralized	P-AML	<0.01	3.2	19	57	3.55	5	610	1	<2	1.46	<0.5		5	75		37	1.76			0.8			0.17	107	<1	0.11	20	910	
K-06-0017	C214030	117.3	118.45	PHY	non-mineralized	N-AML	<0.01	0.9	28	119	2.3	9	440	0.6	<2	1.08	1.3		5	52		15	1.39			0.57			0.23	137	<1	0.06	16	540	
K-06-0017	C214031	118.45	119.8	PHY	non-mineralized	P-AML	0.01	0.8	18	104	4.82	<5	400	1.4	<2	1.56	0.6		7	79		13	2.32			1.21			0.25	208	1	0.13	31	1100	
K-06-0017	C214032	119.8	121.8	PHY	non-mineralized	N-AML	<0.01	<0.5	12	47	2.97	<5	630	0.8	<2	1.69	0.5		2	60		12	1.47			0.72			0.22	131	<1	0.08	19	580	
K-06-0017	C214033	121.8	123.4	PHY	non-mineralized	N-AML	<0.01	<0.5	8	46	2.96	5	600	0.7	<2	2.85	0.6		3	58		9	1.66			0.64			0.34	123	<1	0.08	17	520	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-06-0017	C214034	123.4	124.3	PHY	non-mineralized	N-AML	<0.01	0.5	12	38	2.44	11	480	0.7	<2	1.9	<0.5		4	60		18	1.52			0.58			0.22	129	1	0.1	20	450	
K-06-0017	C214036	124.3	125.9	PHY	non-mineralized	N-AML	<0.01	<0.5	9	33	2.13	10	470	0.5	<2	2.16	0.5		1	49		8	1.22			0.47			0.2	98	<1	0.06	14	440	
K-06-0017	C214037	125.9	127.15	PHY	non-mineralized	N-AML	<0.01	<0.5	8	20	1.28	<5	240	<0.5	<2	2.02	<0.5		1	38		14	1.24			0.28			0.18	97	1	0.03	12	270	
K-06-0017	C213986	61.3	62.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	46	1.27	6	190	<0.5	<2	3.29	<0.5		1	26		7	0.76			0.26			0.11	131	<1	0.04	9	180	
K-06-0017	C213987	62.8	64.3	QTZT	non-mineralized	N-AML	<0.01	0.6	9	110	3.53	15	540	0.9	<2	3.05	0.8		4	51		10	1.48			0.7			0.18	218	<1	0.09	19	240	
K-06-0017	C213988	64.3	65.8	QTZT	non-mineralized	N-AML	<0.01	0.6	15	123	4.58	22	690	1.2	<2	2.03	0.8		8	69		17	2.25			0.99			0.61	325	<1	0.12	26	400	
K-06-0017	C213989	65.8	67.3	QTZT	non-mineralized	P-AML	0.01	1	20	108	8.28	34	400	2.4	<2	0.79	0.6		12	114		31	3.31			1.67			0.49	144	<1	0.2	47	630	
K-06-0017	C213990	67.3	68.9	QTZT	non-mineralized	P-AML	<0.01	0.7	22	114	8.42	22	350	2.2	<2	0.66	0.7		10	115		36	3.5			1.72			0.56	138	1	0.21	43	660	
K-06-0017	C213991	68.9	70.4	QTZT	non-mineralized	N-AML	<0.01	0.7	124	209	4.6	19	680	1.2	<2	0.79	1.7		12	65		29	2.23			0.96			0.3	688	<1	0.11	36	430	
K-06-0017	C213992	70.4	71.9	QTZT	non-mineralized	N-AML	<0.01	0.8	109	141	0.44	<5	80	<0.5	<2	0.12	1.9		2	14		4	0.42			0.11			0.03	170	<1	0.01	5	110	
K-06-0017	C213993	71.9	73.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	39	221	3.28	15	520	0.9	<2	2.53	2.4		7	50		13	2			0.65			0.29	437	1	0.07	22	650	
K-06-0017	C213995	73.5	75	QTZT	non-mineralized	N-AML	0.01	1.5	84	100	5.73	12	550	1	<2	2.65	0.8		15	68		114	3.8			0.77			0.9	383	2	0.09	39	520	
K-06-0017	C213996	75	76.5	QTZT	non-mineralized	N-AML	<0.01	0.8	21	73	6.06	20	640	1.6	<2	0.9	<0.5		8	88		26	2.93			1.16			0.52	175	1	0.13	35	550	
K-06-0017	C213997	76.5	78	QTZT	non-mineralized	N-AML	<0.01	0.5	6	33	2.38	8	340	0.6	<2	0.5	<0.5		2	43		10	1.13			0.46			0.28	95	<1	0.05	10	190	
K-06-0017	C213999	78	79.5	QTZT	non-mineralized	N-AML	0.01	<0.5	16	56	4.57	7	690	1.2	<2	0.99	<0.5		6	66		15	2.11			0.95			0.41	124	<1	0.1	24	290	
K-06-0017	C214000	79.5	80	QTZT	non-mineralized	N-AML	0.01	0.5	14	49	3.76	9	530	0.9	<2	1.24	0.5		7	57		14	2.41			0.74			0.64	169	<1	0.08	28	350	
K-06-0017	C214001	80	81.1	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	24	1.3	<5	160	<0.5	<2	0.88	<0.5		3	33		14	1.21			0.21			0.34	104	1	0.02	11	410	
K-06-0017	C214002	81.1	82.6	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	53	3.7	8	510	1	<2	0.9	<0.5		5	61		17	1.94			0.74			0.46	157	<1	0.08	25	290	
K-06-0017	C214003	82.6	84.1	QTZT	non-mineralized	P-AML	<0.01	<0.5	16	54	4.22	11	610	1.1	<2	0.35	<0.5		5	74		16	1.95			0.88			0.26	85	1	0.09	26	320	
K-06-0017	C214005	84.1	85.6	QTZT	mineralized	P-AML	<0.01	0.7	<2	110	0.38	<5	60	<0.5	<2	0.05	1.4		2	39		40	0.62			0.08			0.04	36	<1	0.01	7	70	
K-06-0017	C214006	85.6	87.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	12	0.36	<5	60	<0.5	<2	0.24	<0.5		1	37		7	0.41			0.08			0.06	62	<1	0.01	4	70	
K-06-0017	C214007	87.2	88.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	14	0.64	<5	120	<0.5	<2	0.07	<0.5		<1	31		4	0.44			0.15			0.04	49	<1	0.01	6	90	
K-06-0017	C214008	88.7	90.2	QTZT	non-mineralized	P-AML	0.01	0.8	19	74	3.41	12	560	0.9	<2	0.13	0.6		6	86		27	1.97			0.78			0.17	100	6	0.07	34	210	
K-06-0017	C214009	90.2	91.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	17	1.26	<5	200	<0.5	<2	0.2	<0.5		<1	41		3	0.6			0.28			0.09	64	1	0.03	7	100	
K-06-0017	C214010	91.7	93.3	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	16	0.62	<5	110	<0.5	<2	0.13	<0.5		2	43		5	0.55			0.15			0.07	74	<1	0.01	6	90	
K-06-0017	C214012	93.3	94.8	QTZT	non-mineralized	P-AML	<0.01	1.9	7	26	1.35	<5	250	<0.5	<2	0.18	<0.5		1	66		20	0.75			0.36			0.12	63	<1	0.02	9	140	
K-06-0017	C214013	94.8	96.3	QTZT	non-mineralized	P-AML	<0.01	0.6	12	58	4.38	13	700	1.1	<2	0.23	<0.5		6	72		16	2.08			0.97			0.23	98	1	0.09	30	300	
K-06-0017	C214038	127.15	128.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	23	1.17	<5	210	<0.5	<2	1.92	<0.5		1	37		8	0.89			0.25			0.16	101	<1	0.03	10	520	
K-06-0017	C214039	128.7	129.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	28	1.49	9	220	<0.5	<2	1.1	<0.5		2	36		7	1.25			0.29			0.18	104	<1	0.03	14	330	
K-06-0017	C214040	129.8	130.7	QTZT	non-mineralized	N-AML	<0.01	0.8	15	57	4.68	16	820	1.1	<2	0.84	0.6		6	85		12	1.52			1.32			0.2	126	<1	0.14	30	1130	
K-06-0017	C214041	130.7	131.9	QTZT	non-mineralized	N-AML	<0.01	<0.5	21	41	0.55	<5	120	<0.5	<2	0.41	0.6		1	34		20	0.61			0.15			0.07	114	<1	0.01	5	200	
K-06-0017	C214042	131.9	133.3	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	20	0.37	6	70	<0.5	<2	0.3	<0.5		1	35		3	0.49			0.1			0.05	114	<1	0.01	2	220	
K-06-0017	C214044	133.3	134.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	24	0.35	<5	60	<0.5	2	0.32	<0.5		<1	30		5	0.4			0.1			0.05	139	<1	<0.01	5	220	
K-06-0017	C214045	134.8	135.9	QTZT	non-mineralized	N-AML	<0.01	0.5	7	15	0.36	<5	60	<0.5	<2	0.42	<0.5		1	33		9	0.44			0.1			0.05	83	<1	<0.01	5	220	
K-06-0017	C214047	135.9	137.4	QTZT	non-mineralized	P-AML	<0.01	3.3	17	40	1.8	<5	260	<0.5	<2	0.31	<0.5		3	55		39	0.77			0.47			0.13	106	1	0.04	10	320	
K-06-0017	C214048	137.4	139	QTZT	non-mineralized	P-AML	<0.01	0.5	8	38	1.76	14	290	<0.5	<2	0.15	<0.5		3	53		11	0.75			0.55			0.07	85	<1	0.05	11	360	
K-06-0017	C214049	139	140.5	QTZT	non-mineralized	N-AML	<0.01	0.7	30	64	1.15	7	160	<0.5	<2	0.12	<0.5		3	47		13	0.71			0.32			0.09	208	<1	0.02	12	250	
K-06-0017	C214050	140.5	141.7	QTZT	non-mineralized	N-AML	<0.01	1.2	119	344	1.29	18	180	<0.5	<2	0.33	3.5		3	44		8	0.76			0.42			0.11	800	<1	0.03	10	270	
K-06-0017	C214051	141.7	142.3	QTZT	non-mineralized	N-AML	0.03	8.4	199	558	1.11	8	180	<0.5	<2	0.08	6.5		2	33		20	1			0.37			0.06	1950	<1	0.03	6	200	
K-06-0017	C214052	142.3	143.8	QTZT	non-mineralized	N-AML	0.06	2.1	40	111	3.99	24	580	1.1	<2	0.99	0.8		5	79		16	1.49			1.21			0.4	579	<1	0.14	25	820	
K-06-0017	C214053	143.8	145.1	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	19	0.54	<5	110	<0.5	<2	3.32	<0.5		1	31		5	1.31			0.17			1.07	237	<1	0.01	3	1370	
K-06-0017	C214055	145.1	146.4	QTZT	non-mineralized	N-AML	<0.01	0.5	9	21	0.52	9	100	<0.5	<2	2.16	<0.5		1	34		4	1.1			0.16			0.84	243	<1	0.01	5	200	
K-06-0017	C214056	146.4	148.1	QTZT	non-mineralized	P-AML	0.01	0.6	12	47	0.82	<5	130	<0.5	<2	0.18	<0.5		2	58		20	0.54			0.26			0.06	114	<1	0.02	6	280	
K-06-0017	C214057	148.1	149.6	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	12	0.38	<5	50	<0.5	<2	0.21	<0.5		1	42		10	0.56			0.09			0.06	80	<1	<0.01	2	200	
K-06-0017	C214058	149.6	151.2	QTZT	non-mineralized	N-AML	0.02	0.6	55	193	0.37	6	70	<0.5	<2	0.08	1.8		1	33		10	0.45			0.13			0.02	752	<1	<0.01	1	190	
K-06-0017	C214059	151.2	152.7	QTZT	non-mineralized	N-AML	0.02	1.1	49	158	0.56	5	80	<0.5	<2	0.07	1.6		1	42		15	0.68			0.19			0.03	1530	<1	0.01	5	220	
K-06-0017	C214060	152.7	154.2	QTZT	non-mineralized	N-AML	<0.01	0.9	55	127	0.38	6	60	<0.5	<2	0.11	1.2		2	36		14	0.64			0.14			0.04	1280	<1	<0.01	3	180	
K-06-0017	C214061	154.2	156.7	QTZT	non-mineralized	N-AML	<0.01	1.2	143	404	0.71	12	110	<0.5	<2	0.16	3.9		1	36		7	0.59			0.23			0.06	794	<1	0.02	6	220	
K-06-0017	C214063	156.7	157.1	QTZT	non-mineralized	N-AML	<0.01	1.5	121	353	0.67	8	90	<0.5	<2	0.12	3.6		1	29		8	0.74			0.21			0.08	826	<1	0.01	4	210	
K-06-0017	C214064	157.1	157.7	QTZT	mineralized	P-AML	0.22	1860	5120	1405	0.71	27	110	<0.5	7	0.85	36.2		4	7		1645	23.1			0.21			0.9	96000	<1	0.02	16	70	
K-06-0017	C214065	157.7	158.2	QTZT	non-mineralized	N-AML	0.02	176	1405	3530	0.71	16	110	<0.5	11	1.25	39.2		5	5		77	25.7			0.21			1.04	100000	<1	0.02	18	80	
K-06-0017	C214066	158.2	160	QTZT	non-mineralized	P-AML	0.03	160	796	1225	5.73	43	880	1.7	4	0.45	14.7		9	68		100	10.4			1.67			0.53	32400	<1	0.27	40	480	
K-06-0017	C214067	160	160.9	QTZT	non-mineralized	P-AML	<0.01	4.1	161	476	1.92	21	270	0.6	<2	0.1	5.5		3	36		6	2.93			0.55			0.18	8820	<1	0.09	16	130	
K-06-0017	C214068	160.9	162.4	QTZT	non-mineralized	N-AML	<0.01	2.8	37	85	0.41	9	70	<0.5	2	0.05	1.1		<1	27		4	0.76			0.14			0.04	1900	<1	0.01	6	130	
K-06-0017	C214070	162.4	163.4	QTZT	non-mineralized	N-AML	<0.01	1.5	42	57	0.43	8	80	<0.5	2	0.06	<0.5		1	29		26	0.66			0.14			0.04	1465	<1	0.02	3	140	
K-06-0017	C214071	163.4	164.75	QTZT	non-mineralized	P-AML	0.01	4.2	135	389	1.53	8	260	<0.5	<2	0.2	4		2	38		14	1.21			0.51			0.14	2020	<1	0.04	19	240	
K-06-0017	C214072	164.75	165.5	QTZT	non-mineralized	P-AML	0.01	1.4	55	195	0.93	8	160	<0.5	2	0.07	1.8		2	37		8	1.54			0.29			0.1	3730	<1	0.02	7	200	
K-06-0017	C214073	165.5	166.4	QTZT	non-mineralized	N-AML	0.01	0.6	31	93	0.36	<5	70	<0.5	<2	0.05	0.9		<1	33		4	0.91			0.12			0.03	2460	<1	0.01	4	160	
K-06-0017	C214075	166.4	167.2	QTZT	non-mineralized	N-AML	<0.01	0.5	31	91	0.41	<5	70	<0.5	2	0.05	0.9		2	31		5	0.74			0.14			0.03	1930	<1	0.01	3	180	
K-06-0017	C214076	167.2	168.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	50	181	0.35	<5	70	<0.5	<2	0.34	1.8		1	27		2	1.56			0.12			0.1	5620	<1	0.01	2	120	
K-06-0017	C214077	168.2	169.6	QTZT	non-mineralized	P-AML	0.01	3.8	165	389	3.31	26	500	0.9	<2	0.31	3.7		5	70		13	2.12			1.02			0.16	2270	<1	0.16	24	870	
K-06-0017	C214078	169.6	170.5	QTZT	non-mineralized	N-AML	<0.01	0.5	83	99	0.61	103	100	<0.5	<2	0.56	0.7		2	34		2	1.94			0.19			0.17	5810	<1	0.02	4	160	
K-06-0017	C214079	170.5	171.5	QTZT	non-mineralized	P-AML	0.02	1.2	29	103	2.8	25	460	0.7	<2	0.55	0.6		4	68		10	1.27			0.86			0.21	413	<1	0.13	15	400	
K-06-0017	C214080	171.5	172.3	QTZT	non-mineralized	P-AML	0.01	3.8	131	219	3.63	40	520	1	<2	0.59	1.8		5	73		14	1.92			1.1			0.23	739	<1	0.18	26	540	
K-06-0017	C214081	172.3	173.7	QTZT	non-mineralized	N-AML	0.01	6.8	395	816	1.23	23	80	<0.5	<2	0.57	8.9		6	42		16	2.05			0.34			0.28	4730	<1	0.03	9	420	
K-06-0017	C214082	173.7	174.7	QTZT	mineralized	P-AML	0.01	2.7	1320	5320	0.5	21	80	<0.5	2	0.82	58		3	34		8	2.39			0.17			0.34	9070	<1	0.02	3	360	
K-06-0017	C214083	174.7	175.6	QTZT	non-mineralized	N-AML	0.01	1.4	262	1000	0.69	16	120	<0.5	<2	0.55	12.7		<1	39		8	0.95			0.23			0.16	2440	<1	0.02	2	380	
K-06-0017	C214084	175.6	177.1	QTZT	non-mineralized	P-AML	0.02	5.1	361	828	2.97	94	460	0.9	2	0.44	12.3		5	71		15	2.6			0.85			0.25	4560	<1	0.19	19	420	
K-06-0017	C214086	177.1	178.6	QTZT	non-mineralized	P-AML	0.01	1.4	193	483	0.59	<5	80	<0.5	<2	0.08	6.2		1	44		6	0.86			0.18			0.05	1620	<1	0.03	1	220	
K-06-0017	C214087	178.6	180.25	QTZT	non-mineralized	N-AML	0.01	0.5	139	459	0.42	<5	60	<0.5	<2	0.14	5.7		<1	35		6	0.9			0.13			0.1	1945	1	0.02	5	150	
K-06-0017	C214089	180.25	180.85	GSCH	non-mineralized	N-AML	0.01	2.7	333	897	2.48	10	1190	0.7	<2	1.18	10.2		6	49		37	2.05			0.76			0.59	2280	1	0.11	22	480	
K-06-0017	C214090	180.85	181.85	GSCH	non-mineralized	N-AML	0.02	3.6	444	835	6.44	33	830	1.8	<2	2.38	9.3		13	65		28	4.68			2.08			1.44	7850	4	0.21	39	970	
K-06-0017	C214091	181.85	183.2	GSCH	non-mineralized	P-AML	0.02	<0.5	50	197	5.31	25	740	1.5	<2	0.5	1		15	91		87	3.48			1.5			0.97	1150	4	0.11	86	490	
K-06-0017	C214092	183.2	184.7	GSCH	non-mineralized	P-AML	0.04	0.6	43	269	4.37	24	370	1.1	<2	0.68	1.4		17	80		86	3.19			1.25			0.77	1700	8	0.11	105	730	
K-06-0017	C214093	184.7	186.2	GSCH	non-mineralized	P-AML	0.09	0.7	176	317	4.95	22	1000	1.3	<2	0.43	2.5		17	73		86	2.92			1.42			0.89	1145	3	0.1	76	510	
K-06-0017	C214094	186.2	187	GSCH	non-mineralized	N-AML	0.02	0.6	50	285	4.54	14	910	1.3	<2	0.78	2.6		13	68		81	2.73			1.3			0.89	1280	3	0.08	70	1810	
K-06-0017	C214095	187	188	GSCH	non-mineralized	P-AML	0.13	2.8	123	389	4.52	52	290	1.2	<2	0.76	3.5		19	69		115	3.48			1.35			0.8	1655	9	0.1	122	730	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-06-0017	C214096	188	189.5	GSCH	non-mineralized	P-AML	0.02	<0.5	29	146	5.27	8	4800	1.4	<2	0.5	0.5		12	70		68	3.05			1.44			1.15	1105	1	0.07	58	480	
K-06-0017	C214097	189.5	190.8	GSCH	non-mineralized	P-AML	0.01	<0.5	14	125	6.28	18	6650	1.8	<2	0.5	<0.5		16	75		79	3.14			1.89			1.3	1385	<1	0.05	68	460	
K-06-0017	C214099	190.8	192.3	GSCH	non-mineralized	N-AML	0.01	<0.5	14	147	6.25	33	5330	1.8	<2	0.82	<0.5		18	68		95	3.78			1.76			1.46	3120	<1	0.04	69	560	
K-06-0017	C214100	192.3	193.9	GSCH	non-mineralized	N-AML	0.01	0.5	13	83	5.16	17	870	1.6	<2	1.03	<0.5		15	55		100	3.08			1.4			1.25	1710	5	0.05	39	590	
K-06-0017	C214101	193.9	195.4	GSCH	non-mineralized	P-AML	0.02	<0.5	18	107	6.83	16	250	1.7	<2	3.05	0.6		14	65		52	3.67			1.96			1.54	1075	7	0.26	41	1300	
K-06-0017	C214102	195.4	196.9	GSCH	non-mineralized	P-AML	0.03	<0.5	16	108	7.07	28	530	1.9	<2	3.15	0.7		16	68		44	3.84			2.17			1.76	1565	10	0.18	39	1530	
K-06-0017	C214103	196.9	198.4	GSCH	non-mineralized	P-AML	0.03	<0.5	27	123	7	31	460	1.8	<2	4.04	0.7		13	63		52	3.74			2.36			1.59	1990	10	0.18	46	1350	
K-06-0017	C214104	198.4	199.9	GSCH	non-mineralized	N-AML	0.02	1.2	95	247	6.47	27	540	1.7	<2	3.86	1.8		12	63		41	3.66			2.24			1.66	2170	8	0.09	35	1220	
K-06-0017	C214106	199.9	201.3	GSCH	non-mineralized	N-AML	0.01	7.2	235	1350	5.5	36	520	1.5	<2	3.2	13.3		12	56		32	3.6			2.15			1.32	4950	5	0.07	28	1270	
K-06-0017	C214107	201.3	203	GSCH	non-mineralized	N-AML	0.01	5.5	320	935	6.25	41	460	1.6	2	2.93	10.4		12	57		25	3.78			2.53			1.12	7780	3	0.06	32	1120	
K-06-0017	C214108	203	203.7	GSCH	non-mineralized	N-AML	0.01	2.8	86	192	5.91	33	540	1.5	<2	3.53	2.3		12	52		28	3.4			2.45			1.44	2340	6	0.07	33	1270	
K-06-0017	C214109	203.7	204.8	GSCH	non-mineralized	P-AML	0.03	2.3	93	325	7.13	58	480	1.9	<2	3.02	2.9		12	62		36	3.96			2.96			1.35	2010	11	0.09	39	1490	
K-06-0018	C214110	7.6	9.4	QTZT	non-mineralized	N-AML	0.01	<0.5	2	23	0.47	7	60	<0.5	<2	0.41	<0.5		<1	24		6	0.67			0.09			0.05	125	<1	0.01	5	190	
K-06-0018	C214111	9.4	11.3	QTZT	non-mineralized	N-AML	0.01	<0.5	2	62	0.58	8	100	<0.5	<2	0.1	0.8		4	25		6	0.83			0.1			0.04	306	<1	0.01	8	210	
K-06-0018	C214113	11.3	12.8	QTZT	non-mineralized	N-AML	0.01	3.3	6	44	0.67	10	90	<0.5	<2	0.05	<0.5		3	28		29	0.7			0.11			0.03	153	<1	0.01	9	140	
K-06-0018	C214114	12.8	14.7	QTZT	mineralized	P-AML	<0.01	<0.5	<2	14	0.4	8	30	<0.5	<2	0.03	<0.5		<1	30		8	0.64			0.04			0.05	59	<1	<0.01	3	90	
K-06-0018	C214115	14.7	16.7	QTZT	non-mineralized	N-AML	<0.01	0.6	3	39	0.6	<5	60	<0.5	<2	0.03	<0.5		2	29		10	0.96			0.07			0.05	155	<1	0.01	7	160	
K-06-0018	C214116	16.7	18.7	QTZT	non-mineralized	N-AML	0.01	<0.5	2	21	0.35	8	40	<0.5	<2	0.02	<0.5		<1	26		3	0.55			0.05			0.02	99	<1	0.01	3	90	
K-06-0018	C214118	18.7	20.4	QTZT	non-mineralized	N-AML	0.05	0.5	5	62	3.61	15	250	0.5	<2	0.58	<0.5		13	72		53	3.4			0.3			0.51	354	<1	0.05	29	430	
K-06-0018	C214119	20.4	22	QTZT	non-mineralized	N-AML	0.04	<0.5	7	39	1.99	13	270	0.5	<2	0.04	<0.5		3	50		9	1.29			0.41			0.09	96	<1	0.04	11	290	
K-06-0018	C214120	22	23.5	QTZT	non-mineralized	N-AML	0.01	<0.5	4	51	0.4	5	70	<0.5	2	0.2	0.7		<1	27		3	0.37			0.13			0.01	180	<1	0.01	2	140	
K-06-0018	C214121	23.5	25	QTZT	non-mineralized	N-AML	0.56	0.5	89	612	0.25	7	60	<0.5	<2	9.24	6.4		1	15		2	1.55			0.08			0.09	5340	<1	<0.01	4	130	
K-06-0018	C214123	25	26.55	QTZT	non-mineralized	P-AML	0.01	0.8	36	126	2.82	11	410	0.9	2	0.22	0.7		4	61		19	1.97			0.75			0.09	316	1	0.06	19	480	
K-06-0018	C214124	26.55	28.5	QTZT	non-mineralized	N-AML	0.01	<0.5	48	110	0.44	<5	60	<0.5	<2	0.07	1.4		1	34		3	0.67			0.13			0.02	709	<1	0.01	1	130	
K-06-0018	C214125	28.5	30.5	QTZT	non-mineralized	N-AML	0.02	<0.5	20	92	0.39	<5	70	<0.5	<2	0.03	0.6		1	33		9	1			0.13			0.01	1140	<1	0.01	<1	150	
K-06-0018	C214126	30.5	32.5	QTZT	non-mineralized	N-AML	0.01	1.2	189	205	0.45	<5	80	<0.5	3	0.05	3.3		<1	33		3	0.65			0.14			0.02	845	<1	0.01	<1	220	
K-06-0018	C214127	32.5	34	QTZT	non-mineralized	N-AML	0.01	<0.5	17	13	0.32	<5	60	<0.5	3	0.02	<0.5		<1	42		1	0.3			0.11			0.01	38	<1	0.01	<1	120	
K-06-0018	C214128	34	36	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	27	0.38	<5	60	<0.5	<2	0.03	<0.5		<1	31		2	0.34			0.12			0.01	37	<1	0.01	<1	140	
K-06-0018	C214129	36	38	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	29	0.33	<5	50	<0.5	3	0.03	0.7		<1	31		3	0.35			0.11			0.01	35	1	<0.01	<1	190	
K-06-0018	C214130	38	39.5	QTZT	mineralized	P-AML	0.01	<0.5	<2	16	0.53	<5	90	<0.5	<2	0.03	<0.5		1	29		5	0.4			0.15			0.02	31	<1	0.01	4	180	
K-06-0018	C214132	39.5	40.9	QTZT	non-mineralized	N-AML	0.01	3.3	4	28	0.5	<5	70	<0.5	<2	0.05	<0.5		<1	33		31	0.59			0.11			0.03	62	<1	0.01	4	190	
K-06-0018	C214133	40.9	43	QTZT	non-mineralized	N-AML	<0.01	0.8	3	40	0.72	<5	110	<0.5	<2	0.07	<0.5		3	38		13	0.59			0.18			0.04	58	<1	0.01	3	230	
K-06-0018	C214134	43	45	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	49	3.06	<5	440	0.8	<2	0.4	<0.5		3	47		10	1.35			0.63			0.23	114	<1	0.07	14	450	
K-06-0018	C214135	45	47	QTZT	non-mineralized	N-AML	0.38	<0.5	5	26	1.12	<5	200	<0.5	<2	1.93	<0.5		1	37		10	1.37			0.29			0.64	243	<1	0.02	4	340	
K-06-0018	C214138	49	51	QTZT	non-mineralized	P-AML	0.01	<0.5	18	103	8.56	11	1300	2.1	<2	0.5	<0.5		9	99		25	3.49			1.75			0.45	167	<1	0.18	47	610	
K-06-0018	C214139	51	53	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	163	2.78	7	420	0.8	2	1.14	0.6		3	47		13	1.87			0.57			0.49	254	<1	0.07	21	380	
K-06-0018	C214140	53	55	QTZT	non-mineralized	N-AML	0.01	0.7	62	272	1.66	<5	340	<0.5	<2	2.16	2.1		1	41		9	1.38			0.43			0.71	353	<1	0.04	10	330	
K-06-0018	C214141	55	57	QTZT	non-mineralized	N-AML	0.01	<0.5	29	171	1.73	8	250	0.6	2	0.44	1.1		3	45		9	0.83			0.34			0.08	219	<1	0.05	11	240	
K-06-0018	C214143	57	59	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	65	1.16	9	180	<0.5	<2	1.54	<0.5		3	34		7	0.88			0.22			0.12	135	<1	0.03	11	210	
K-06-0018	C214144	59	61	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	45	0.6	6	90	<0.5	<2	1.94	<0.5		1	31		4	0.54			0.11			0.07	138	<1	0.01	4	140	
K-06-0018	C214145	61	63	QTZT	non-mineralized	P-AML	<0.01	<0.5	6	62	1.5	21	210	<0.5	<2	0.69	<0.5		2	46		6	1.29			0.27			0.25	137	<1	0.03	10	180	
K-06-0018	C214146	63	65	QTZT	non-mineralized	P-AML	<0.01	0.6	25	117	7.7	28	820	2	<2	0.69	<0.5		12	122		25	3.37			1.49			0.5	135	<1	0.18	49	950	
K-06-0018	C214148	67	69	QTZT	non-mineralized	P-AML	0.01	<0.5	3	45	1.27	<5	180	<0.5	<2	0.25	<0.5		3	36		8	0.82			0.23			0.1	182	<1	0.03	9	210	
K-06-0018	C214149	69	70	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	154	2.01	<5	430	0.6	<2	2.59	<0.5		4	43		8	1.29			0.42			0.14	446	<1	0.04	13	410	
K-06-0018	C214151	70	72	QTZT	non-mineralized	P-AML	<0.01	1	59	101	7.22	22	730	2	<2	2.01	<0.5		11	109		35	3.34			1.52			0.4	173	<1	0.16	42	1040	
K-06-0018	C214152	72	74	QTZT	non-mineralized	P-AML	<0.01	<0.5	11	23	1.67	<5	240	<0.5	<2	0.6	<0.5		2	50		10	1.03			0.31			0.22	95	<1	0.03	10	180	
K-06-0018	C214153	74	76	QTZT	non-mineralized	N-AML	0.01	<0.5	15	48	3.43	18	480	0.8	<2	0.79	<0.5		5	69		18	2.09			0.63			0.39	141	<1	0.06	19	290	
K-06-0018	C214154	76	78	QTZT	non-mineralized	N-AML	0.01	0.6	13	58	4.5	5	680	1.2	<2	0.86	<0.5		5	81		20	2.49			0.91			0.43	143	<1	0.08	27	420	
K-06-0018	C214156	78	80	QTZT	non-mineralized	N-AML	<0.01	<0.5	19	63	4.64	12	710	1.2	<2	0.79	<0.5		5	80		14	2.08			1.01			0.43	134	<1	0.09	26	430	
K-06-0018	C214157	80	82.3	QTZT	non-mineralized	P-AML	<0.01	<0.5	7	37	2.5	15	330	0.6	<2	0.75	<0.5		3	52		8	1.46			0.48			0.34	104	<1	0.04	12	310	
K-06-0018	C214158	82.3	84	QTZT	mineralized	P-AML	<0.01	<0.5	<2	9	0.44	<5	70	<0.5	<2	0.36	<0.5		1	37		2	0.43			0.09			0.06	53	<1	0.01	1	70	
K-06-0018	C214159	84	86	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	10	0.34	7	60	<0.5	<2	0.22	<0.5		<1	32		4	0.43			0.08			0.05	62	<1	0.01	1	80	
K-06-0018	C214160	86	88	QTZT	mineralized	P-AML	<0.01	<0.5	<2	20	0.91	<5	130	<0.5	<2	0.15	<0.5		<1	34		9	0.53			0.18			0.11	66	<1	0.01	4	100	
K-06-0018	C214162	88	90	QTZT	mineralized	P-AML	<0.01	<0.5	<2	14	0.39	<5	80	<0.5	<2	0.22	<0.5		1	31		3	0.4			0.09			0.06	81	<1	0.01	2	70	
K-06-0018	C214163	90	92	QTZT	mineralized	P-AML	<0.01	<0.5	<2	12	0.52	<5	100	<0.5	<2	0.04	<0.5		1	33		3	0.44			0.11			0.04	54	<1	0.01	4	70	
K-06-0018	C214164	92	93.9	QTZT	mineralized	P-AML	<0.01	0.8	<2	21	0.68	<5	130	<0.5	<2	0.19	<0.5		<1	34		4	0.69			0.15			0.1	59	<1	0.01	3	90	
K-06-0018	C214165	93.9	96	QTZT	non-mineralized	P-AML	0.01	<0.5	10	66	4.68	8	800	1.4	<2	0.45	<0.5		8	81		24	2.11			1.03			0.38	113	2	0.08	31	330	
K-06-0018	C214166	96	98	QTZT	non-mineralized	P-AML	0.01	0.6	7	73	4.29	14	860	1.3	2	0.56	<0.5		7	88		48	2.29			1.02			0.34	158	5	0.08	36	320	
K-06-0018	C214167	98	100	QTZT	mineralized	P-AML	0.01	<0.5	<2	84	0.91	<5	160	<0.5	2	0.36	<0.5		2	35		7	1.03			0.18			0.2	264	2	0.01	11	110	
K-06-0018	C214168	100	102	QTZT	non-mineralized	P-AML	0.01	<0.5	6	69	1.35	6	300	<0.5	<2	0.28	<0.5		3	47		14	0.92			0.31			0.17	176	1	0.02	15	140	
K-06-0018	C214171	104	106	QTZT	non-mineralized	N-AML	<0.01	3.1	6	78	0.87	<5	170	<0.5	<2	1.32	<0.5		2	35		29	0.83			0.2			0.09	289	<1	0.02	6	260	
K-06-0018	C214172	106	108	QTZT	non-mineralized	N-AML	<0.01	0.9	3	156	0.79	<5	160	<0.5	<2	3.4	<0.5		2	32		11	0.91			0.19			0.12	596	<1	0.01	7	500	
K-06-0018	C214173	108	110	QTZT	non-mineralized	N-AML	0.01	0.5	7	75	3.03	<5	640	0.8	<2	1.76	<0.5		5	73		11	1.78			0.75			0.21	198	1	0.07	20	1190	
K-06-0018	C214174	110	112	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	29	1.15	<5	270	<0.5	<2	1.44	<0.5		1	38		6	0.93			0.26			0.17	119	<1	0.02	5	390	
K-06-0018	C214175	112	114	QTZT	non-mineralized	N-AML	<0.01	1.1	104	210	2.1	6	510	0.5	<2	1.15	2.3		2	52		8	1.19			0.54			0.15	128	1	0.05	11	460	
K-06-0018	C214176	114	116	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	33	1.83	<5	400	0.5	<2	2.1	<0.5		2	46		7	1.24			0.38			0.19	118	<1	0.04	10	430	
K-06-0018	C214178	116	118	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	43	2.84	17	590	0.7	<2	1.17	<0.5		5	63		8	1.5			0.62			0.18	93	<1	0.06	15	520	
K-06-0018	C214180	120	122	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	26	1.52	<5	290	<0.5	<2	2.82	<0.5		1	45		6	1.42			0.35			0.74	183	<1	0.05	8	340	
K-06-0018	C214181	122	124	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	41	2.4	6	500	0.6	<2	2.87	<0.5		3	49		9	1.29			0.6			0.21	115	1	0.08	16	490	
K-06-0018	C214182	124	126	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	11	0.5	<5	100	<0.5	<2	3.2	<0.5		1	21		2	0.88			0.13			0.84	179	<1	0.01	<1	170	
K-06-0018	C214184	126	128	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	38	2.46	5	440	0.6	<2	3.05	<0.5		2	48		7	1.57			0.6			0.75	224	<1	0.07	15	490	
K-06-0018	C214185	128	130	QTZT	mineralized	P-AML	<0.01	<0.5	<2	12	0.7	9	100	<0.5	<2	1.65	<0.5		<1	34		2	0.87			0.17			0.54	137	<1	0.01	7	170	
K-06-0018	C214186	130	132	QTZT	mineralized	P-AML	<0.01	<0.5	<2	8	0.4	6	60	<0.5	<2	0.4	<0.5		3	30		2	0.37			0.1			0.05	47	<1	<0.01	4	210	
K-06-0018	C214187	132	134	QTZT	non-mineralized	N-AML	<0.01	1.1	9	20	0.63	<5	400	<0.5	<2	0.54	<0.5		2	29		6	0.58			0.15			0.09	73	<1	0.01	6	260	
K-06-0018	C214188	134	136	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	16	0.56	<5	90	<0.5	<2	0.25	<0.5		3	31		3	0.42			0.17			0.07	67	<1	0.01	7	200	
K-06-0018	C214189	136	138	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	19	0.71	9	100	<0.5	<2	0.18	<0.5		3	44		4	0.51			0.18			0.09	70	1	0.02	7	210	
K-06-0018	C214192	140	142	QTZT	non-mineralized	N-AML	<0.01	1	3	14	0.42	11	60	<0.5	<2	0.25	<0.5		3	35		9	0.39			0.11			0.05	73	<1	0.01	6	190	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-06-0018	C214193	142	144	QTZT	non-mineralized	N-AML	<0.01	1.1	32	129	1.6	6	230	<0.5	<2	2.92	1.1		3	41		10	1.63			0.51			1.2	529	<1	0.05	11	440	
K-06-0018	C214194	144	146	QTZT	non-mineralized	N-AML	<0.01	0.8	20	47	0.27	<5	50	<0.5	<2	4.78	<0.5		<1	24		5	1.72			0.09			1.79	625	<1	0.01	3	110	
K-06-0018	C214195	146	148	QTZT	non-mineralized	N-AML	<0.01	0.9	119	355	0.32	<5	70	<0.5	<2	3.67	3.6		<1	26		2	1.61			0.11			1.49	1450	<1	0.01	<1	120	
K-06-0018	C214196	148	150	QTZT	non-mineralized	P-AML	0.01	1.2	61	158	2.7	20	400	0.8	<2	0.19	1.7		4	59		7	0.83			0.8			0.12	273	1	0.11	14	450	
K-06-0018	C214197	150	152	QTZT	non-mineralized	N-AML	<0.01	0.6	41	81	2.73	17	480	0.8	<2	0.11	0.8		4	53		5	0.69			0.9			0.1	968	<1	0.08	12	350	
K-06-0018	C214199	152	154	QTZT	non-mineralized	N-AML	<0.01	0.6	33	67	0.7	9	110	<0.5	3	0.12	1.1		<1	30		3	0.42			0.21			0.05	328	<1	0.02	4	220	
K-06-0018	C214200	154	156	QTZT	non-mineralized	N-AML	<0.01	0.7	83	210	0.74	<5	120	<0.5	<2	0.21	3.3		<1	31		3	0.69			0.24			0.1	1400	<1	0.03	6	210	
K-06-0018	C214201	156	158	QTZT	non-mineralized	N-AML	<0.01	1.2	241	397	1.04	<5	170	<0.5	2	1.86	4.4		<1	48		6	2.64			0.32			0.8	5750	<1	0.04	7	210	
K-06-0018	C214202	158	159	QTZT	non-mineralized	N-AML	<0.01	2.4	783	1700	0.44	<5	80	<0.5	<2	0.97	19.8		<1	39		4	2.9			0.14			0.5	7220	<1	0.02	3	160	
K-06-0018	C214203	159	160.3	QTZT	non-mineralized	P-AML	<0.01	2.1	183	237	1.33	18	200	<0.5	<2	0.14	2.8		2	52		7	1.76			0.41			0.09	2340	<1	0.06	12	440	
K-06-0018	C214205	160.3	160.6	QTZT	mineralized	P-AML	<0.01	13774.5	167000	2100	0.45	154	40	<0.5	3	0.18	39.2		6	21		129	8.05			0.11			0.42	26400	<1	0.01	18	90	
K-06-0018	C214206	160.6	161.6	QTZT	non-mineralized	P-AML	0.04	40.4	179	71	0.72	1810	110	<0.5	<2	0.41	1.5		7	24		59	3.43			0.23			0.24	10350	<1	0.02	20	170	
K-06-0018	C214207	161.6	162.6	QTZT	non-mineralized	P-AML	0.03	124	1280	277	0.84	4140	120	<0.5	3	0.26	4.6		14	23		102	5.88			0.27			0.32	18300	<1	0.03	25	220	
K-06-0018	C214208	162.6	163.9	QTZT	non-mineralized	P-AML	0.2	984	622	389	4.58	3800	590	1.3	8	0.51	19.3		20	66		1170	11.95			1.31			0.75	39200	<1	0.13	72	350	
K-06-0018	C214209	163.9	165	QTZT	non-mineralized	P-AML	0.02	4.9	108	256	1.38	2420	230	<0.5	2	0.15	2.9		6	34		6	3.44			0.45			0.16	9890	<1	0.04	20	270	
K-06-0018	C214210	165	166.7	QTZT	non-mineralized	P-AML	0.02	4.5	148	371	2.91	114	520	0.7	3	0.27	4.2		8	60		9	2.78			0.94			0.17	4140	<1	0.1	25	680	
K-06-0018	C214212	166.7	167.8	QTZT	non-mineralized	P-AML	0.01	2	106	101	0.39	285	80	<0.5	2	0.11	1.3		1	30		15	1.95			0.13			0.05	4880	<1	0.01	6	410	
K-06-0018	C214213	167.8	168.8	QTZT	non-mineralized	P-AML	0.02	1.5	114	213	0.9	782	120	<0.5	2	0.07	2.3		3	30		6	2.35			0.28			0.09	5560	<1	0.03	9	180	
K-06-0018	C214214	168.8	169.8	QTZT	non-mineralized	P-AML	0.01	2.4	310	761	2.1	25	310	0.5	<2	0.39	8.5		3	50		7	2			0.68			0.21	4220	<1	0.08	12	380	
K-06-0018	C214215	169.8	171	QTZT	non-mineralized	P-AML	0.01	2.2	191	403	2.01	16	350	0.6	<2	0.17	4.5		2	43		6	1.27			0.57			0.12	1890	<1	0.11	11	270	
K-06-0018	C214216	171	172.5	QTZT	non-mineralized	P-AML	0.01	2.1	305	1470	1.28	12	240	<0.5	<2	0.49	16.3		2	34		7	1.36			0.4			0.19	2560	<1	0.05	10	220	
K-06-0018	C214219	174	175.5	QTZT	non-mineralized	P-AML	0.01	1.3	282	769	0.88	38	170	<0.5	<2	0.13	9		<1	28		5	1.11			0.27			0.08	2180	<1	0.04	6	190	
K-06-0018	C214220	175.5	177	QTZT	non-mineralized	N-AML	<0.01	0.7	178	588	0.3	<5	50	<0.5	<2	0.2	6.5		<1	20		8	0.67			0.09			0.06	1320	<1	0.01	2	120	
K-06-0018	C214221	177	178.5	QTZT	non-mineralized	N-AML	<0.01	0.6	220	408	0.41	6	60	<0.5	<2	0.49	4.4		<1	26		13	0.7			0.13			0.1	2040	1	0.02	4	150	
K-06-0018	C214222	178.5	180	QTZT	non-mineralized	P-AML	<0.01	1.6	304	806	0.8	12	110	<0.5	<2	0.4	9.7		1	33		6	1.04			0.23			0.16	1800	<1	0.06	8	260	
K-06-0018	C214224	180	181.9	QTZT	non-mineralized	P-AML	<0.01	2.8	282	422	2.26	21	360	0.6	<2	0.61	4.7		3	49		25	2.51			0.67			0.37	4350	1	0.16	18	450	
K-06-0018	C214225	181.9	184	QTZT	non-mineralized	P-AML	<0.01	6.4	140	471	3.27	17	600	1.1	<2	0.16	4.8		5	64		16	2.07			1.18			0.27	5080	1	0.18	24	280	
K-06-0018	C214226	184	186	GSCH	non-mineralized	P-AML	0.01	18.2	106	395	3.74	33	1350	1.3	<2	0.27	4.2		8	63		55	3.26			1.16			0.39	4840	2	0.16	50	520	
K-06-0018	C214227	186	188	GSCH	non-mineralized	P-AML	0.02	0.5	22	93	4.84	22	660	1.4	<2	1.69	0.5		14	57		67	3.92			1.6			1.11	1540	6	0.16	62	1920	
K-06-0018	C214228	188	190	GSCH	non-mineralized	N-AML	<0.01	<0.5	22	103	5.23	7	6320	1.5	<2	0.58	<0.5		14	68		64	3.07			1.61			1.25	1050	2	0.07	56	480	
K-06-0018	C214229	190	192	GSCH	non-mineralized	N-AML	<0.01	<0.5	17	127	6.25	<5	8470	1.9	<2	0.54	<0.5		17	54		93	3.81			2			1.42	1300	<1	0.08	53	470	
K-06-0018	C214231	192	194	GSCH	non-mineralized	N-AML	<0.01	2.6	44	172	6.26	14	760	1.8	<2	2.83	1.1		16	61		77	3.84			2.14			1.68	1425	7	0.12	42	1200	
K-06-0018	C214232	194	196	GSCH	non-mineralized	P-AML	<0.01	0.9	26	114	7.12	27	920	2	<2	3.57	0.5		14	63		51	4.15			2.39			1.98	1895	13	0.15	44	1470	
K-06-0018	C214234	198	200	GSCH	non-mineralized	N-AML	<0.01	13.5	647	1215	6.29	89	1170	1.7	<2	1.44	13.3		13	63		41	5.11			2.43			1.12	9520	7	0.14	43	1270	
K-06-0018	C214236	200	202	GSCH	non-mineralized	N-AML	<0.01	0.8	36	168	5.12	23	1600	1.5	<2	2.45	1.6		10	55		36	3.01			1.85			1.37	1335	5	0.14	31	980	
K-06-0018	C214237	202	204	GSCH	non-mineralized	N-AML	<0.01	0.6	47	212	5.75	34	710	1.7	<2	1.53	2		11	59		37	3.24			2.07			1.27	574	7	0.19	44	1150	
K-06-0018	C214238	204	206	GSCH	non-mineralized	P-AML	0.01	4.7	146	668	6.25	51	500	1.8	<2	2.35	6.6		14	56		38	4.35			2.54			1.25	4450	9	0.17	47	1100	
K-06-0018	C214239	206	208	GSCH	non-mineralized	N-AML	<0.01	4	168	676	5.9	40	510	1.7	<2	3.05	6.6		12	52		24	3.4			2.74			1.21	3570	6	0.07	36	990	
K-06-0018	C214240	208	210	GSCH	non-mineralized	N-AML	0.02	5.6	150	1205	5.2	39	410	1.3	<2	4.19	12.7		8	43		25	3.24			2.31			1.42	3750	9	0.06	30	910	
K-06-0018	C214241	210	212	GSCH	non-mineralized	N-AML	<0.01	10.5	86	2070	5.74	44	440	1.6	<2	3.18	23.6		11	63		28	2.81			2.59			1.13	3400	4	0.06	31	930	
K-06-0018	C214242	212	214	GSCH	non-mineralized	N-AML	<0.01	6.3	110	657	6.2	50	540	1.7	<2	2.47	7.1		13	62		33	3.26			2.79			1.07	2170	10	0.07	41	930	
K-06-0018	C214244	214	215.5	GSCH	non-mineralized	P-AML	0.01	3.4	75	507	7.24	49	680	2	<2	2.6	5.8		14	77		30	3.36			3.09			1.11	1820	6	0.17	42	1110	
K-06-0019	C214245	6	8.2	QTZT	non-mineralized	N-AML	0.01	<0.5	4	38	0.4	<5	70	<0.5	<2	0.75	<0.5		2	30		9	0.59			0.07			0.05	188	<1	0.01	7	170	
K-06-0019	C214246	8.2	10	QTZT	non-mineralized	N-AML	0.01	1.4	7	66	2.4	7	380	0.7	<2	1.01	0.9		4	46		13	1.07			0.5			0.11	188	<1	0.09	16	250	
K-06-0019	C214247	10	12	QTZT	non-mineralized	N-AML	0.01	<0.5	6	60	2.43	<5	340	0.7	<2	0.26	0.5		5	56		15	1.17			0.48			0.1	129	<1	0.1	19	290	
K-06-0019	C214248	12	14	QTZT	non-mineralized	N-AML	0.01	<0.5	4	30	0.75	<5	90	<0.5	<2	0.03	<0.5		2	32		6	0.73			0.11			0.05	98	<1	0.02	9	120	
K-06-0019	C214249	14	16	QTZT	non-mineralized	N-AML	0.01	<0.5	4	31	1.37	5	160	<0.5	<2	0.09	<0.5		3	41		12	0.86			0.24			0.08	107	<1	0.05	9	160	
K-06-0019	C214251	16	18	QTZT	non-mineralized	N-AML	0.01	1.2	7	14	0.39	6	40	<0.5	<2	0.14	<0.5		2	23		15	0.6			0.05			0.05	116	<1	0.02	5	90	
K-06-0019	C214252	18	20	QTZT	non-mineralized	N-AML	0.01	0.6	6	27	0.48	6	50	<0.5	<2	0.09	0.5		3	26		13	0.7			0.07			0.04	117	<1	0.02	11	160	
K-06-0019	C214253	20	22	QTZT	non-mineralized	N-AML	0.01	0.5	11	47	3.67	8	420	0.8	<2	0.18	0.6		6	67		29	2.06			0.64			0.32	167	<1	0.1	24	340	
K-06-0019	C214255	22	24	QTZT	non-mineralized	N-AML	0.01	0.8	163	184	1.99	<5	280	0.6	<2	0.08	3.4		2	43		14	1.1			0.47			0.07	608	1	0.05	10	310	
K-06-0019	C214256	24	26	QTZT	non-mineralized	N-AML	<0.01	0.7	145	142	0.46	5	80	<0.5	<2	0.05	3		1	23		6	0.39			0.15			0.02	474	<1	0.01	2	140	
K-06-0019	C214257	26	28	QTZT	non-mineralized	N-AML	0.01	<0.5	17	173	0.35	<5	70	<0.5	<2	4.42	1.5		1	22		8	0.44			0.1			0.04	592	<1	0.01	3	170	
K-06-0019	C214258	28	29.6	QTZT	non-mineralized	N-AML	0.01	<0.5	12	147	2.72	6	430	0.8	<2	0.37	1		6	54		24	1.26			0.79			0.08	355	2	0.06	20	350	
K-06-0019	C214259	29.6	31.5	QTZT	non-mineralized	N-AML	0.01	0.6	15	146	1.21	<5	180	<0.5	<2	0.18	1.5		4	37		12	1.1			0.38			0.05	638	<1	0.03	17	350	
K-06-0019	C214260	31.5	33.5	QTZT	non-mineralized	N-AML	0.01	1.2	19	161	0.84	5	140	<0.5	2	0.07	1.2		2	34		13	0.55			0.27			0.02	443	<1	0.02	5	320	
K-06-0019	C214261	33.5	35.5	QTZT	non-mineralized	N-AML	0.02	1.5	119	352	1.15	13	170	<0.5	<2	0.58	4.3		2	36		12	1.21			0.4			0.03	1130	<1	0.02	5	380	
K-06-0019	C214263	35.5	37.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	21	231	0.3	8	50	<0.5	<2	0.03	2.4		1	31		6	0.93			0.11			0.01	1400	<1	0.01	2	170	
K-06-0019	C214264	37.5	39.5	QTZT	non-mineralized	N-AML	0.01	0.5	25	53	0.3	7	50	<0.5	<2	0.02	<0.5		<1	26		6	0.29			0.11			0.01	67	<1	0.01	1	110	
K-06-0019	C214265	39.5	41.5	QTZT	non-mineralized	N-AML	0.01	0.7	56	74	0.47	<5	60	<0.5	<2	0.02	0.5		<1	23		11	0.5			0.16			0.01	64	<1	0.01	<1	160	
K-06-0019	C214266	41.5	43.5	QTZT	non-mineralized	N-AML	0.01	0.7	53	60	1.04	7	160	<0.5	<2	0.09	0.7		1	28		7	0.52			0.31			0.03	83	<1	0.02	3	350	
K-06-0019	C214267	43.5	45.5	QTZT	non-mineralized	P-AML	<0.01	<0.5	18	107	8.74	14	1300	2.3	<2	0.45	<0.5		12	109		30	3.93			1.7			0.51	190	<1	0.2	50	820	
K-06-0019	C214268	45.5	47.5	QTZT	non-mineralized	P-AML	0.01	0.9	18	166	9.65	18	1070	1.9	<2	0.63	0.7		17	111		41	6.13			1.45			0.56	280	<1	0.16	59	970	
K-06-0019	C214269	47.5	49.5	QTZT	non-mineralized	P-AML	0.03	1	16	126	8.46	23	1180	2.2	<2	0.39	0.7		10	95		33	3.73			1.92			0.41	196	<1	0.22	42	830	
K-06-0019	C214271	49.5	51.5	QTZT	non-mineralized	N-AML	0.02	1.1	92	202	3.7	16	460	0.8	<2	1.92	1.3		8	54		28	2.98			0.75			0.77	521	<1	0.08	28	560	
K-06-0019	C214272	51.5	53.5	QTZT	non-mineralized	N-AML	<0.01	0.5	50	107	0.53	5	90	<0.5	<2	0.2	1.2		2	26		7	0.45			0.17			0.03	721	<1	0.01	4	120	
K-06-0019	C214273	53.5	55.5	QTZT	non-mineralized	N-AML	0.01	0.6	73	191	0.46	<5	80	<0.5	<2	0.18	2.7		2	25		6	0.43			0.13			0.05	451	<1	0.01	4	120	
K-06-0019	C214274	55.5	57.5	QTZT	non-mineralized	N-AML	0.01	<0.5	8	68	0.99	6	160	<0.5	<2	3.15	0.7		2	27		6	0.65			0.22			0.1	177	<1	0.03	7	300	
K-06-0019	C214276	57.5	59.5	QTZT	non-mineralized	P-AML	0.01	<0.5	17	95	4.57	5	590	1.1	<2	0.51	0.8		5	74		13	1.64			0.96			0.25	173	<1	0.11	19	260	
K-06-0019	C214277	59.5	61.5	QTZT	non-mineralized	N-AML	0.01	<0.5	7	59	1.64	9	250	<0.5	<2	1.81	0.5		2	43		7	0.8			0.36			0.13	126	<1	0.05	10	220	
K-06-0019	C214278	61.5	63.5	QTZT	non-mineralized	N-AML	0.01	<0.5	13	52	0.66	<5	110	<0.5	<2	0.41	0.5		2	27		4	0.5			0.16			0.08	165	<1	0.02	5	120	
K-06-0019	C214279	63.5	65.5	QTZT	non-mineralized	N-AML	0.01	<0.5	17	74	4.61	17	580	1.1	<2	0.9	0.6		7	78		17	2.19			0.9			0.4	146	<1	0.11	28	460	
K-06-0019	C214280	65.5	67.5	QTZT	non-mineralized	P-AML	0.05	0.9	21	95	7.32	25	650	1.9	<2	0.69	0.5		11	109		25	3.57			1.45			0.45	142	1	0.19	44	1060	
K-06-0019	C214281	67.5	69.5	QTZT	non-mineralized	P-AML	0.02	0.7	94	252	1.61	5	220	<0.5	<2	0.3	2.5		3	39		5	0.85			0.36			0.14	300	<1	0.04	9	180	
K-06-0019	C214282	69.5	71.5	QTZT	non-mineralized	N-AML	0.02	0.5	24	257	2.09	8	300	0.5	<2	1.13	1.9		6	45		12	1.33			0.47			0.24	608	1	0.05	12	310	
K-06-0019	C214284	71.5	73.5	QTZT	non-mineralized	N-AML	0.01	<0.5	11	58	4.29	17	580	1	<2	0.96	<0.5		7	69		24	2.15			0.86			0.42	171	2	0.1	27	660	
K-06-0019	C214285	73.5	75.5	QTZT	non-mineralized	P-AML	0.02	<0.5	7	38	2.6	8	330	0.6	<2	0.58	<0.5		4	48		16	1.35			0.49			0.23	87	<1	0.06	16	520	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-06-0019	C214286	75.5	77.5	QTZT	non-mineralized	P-AML	0.02	<0.5	6	36	2	5	230	<0.5	<2	0.75	<0.5		3	42		18	1.61			0.33			0.39	137	<1	0.03	13	360	
K-06-0019	C214287	77.5	79.5	QTZT	non-mineralized	P-AML	0.01	<0.5	7	45	2.05	6	250	<0.5	<2	0.56	0.8		3	42		14	1.4			0.39			0.34	83	<1	0.03	11	190	
K-06-0019	C214288	79.5	80.5	QTZT	non-mineralized	N-AML	0.02	<0.5	7	41	2.55	<5	290	0.5	<2	0.27	<0.5		4	53		11	1.34			0.48			0.23	73	1	0.04	15	210	
K-06-0019	C214289	80.5	81.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	31	0.38	<5	10	<0.5	3	0.21	<0.5		1	23		6	0.53			0.03			0.1	88	1	<0.01	7	90	
K-06-0019	C214291	81.7	82.1	QTZT	non-mineralized	N-AML	0.01	5.2	45	160	0.47	6	30	<0.5	<2	0.09	2		2	35		42	1.05			0.17			0.09	1325	1	0.01	9	80	
K-06-0019	C214292	82.1	84	QTZT	non-mineralized	P-AML	0.02	1.8	24	79	5.5	24	910	1.1	<2	0.14	0.8		7	90		22	1.51			1.6			0.17	276	2	0.1	25	400	
K-06-0019	C214293	84	86	QTZT	non-mineralized	N-AML	0.01	<0.5	7	66	0.86	<5	110	<0.5	<2	0.04	0.8		2	43		7	0.53			0.25			0.04	152	<1	0.01	10	90	
K-06-0019	C214294	86	88	QTZT	non-mineralized	N-AML	<0.01	<0.5	77	180	0.46	<5	80	<0.5	2	0.12	1.9		2	25		3	0.36			0.16			0.05	300	1	0.01	7	70	
K-06-0019	C214296	88	90	QTZT	non-mineralized	N-AML	0.01	<0.5	2	28	0.46	5	70	<0.5	2	0.19	0.5		1	32		3	0.47			0.1			0.09	74	1	0.01	10	90	
K-06-0019	C214297	90	92	QTZT	non-mineralized	P-AML	0.01	<0.5	10	51	3.99	9	670	1.1	<2	0.29	<0.5		5	59		9	1.42			1.02			0.23	102	<1	0.09	19	280	
K-06-0019	C214298	92	94	QTZT	non-mineralized	P-AML	0.01	<0.5	13	60	3.82	12	620	0.8	<2	0.44	<0.5		7	69		13	1.93			0.93			0.36	186	1	0.07	25	280	
K-06-0019	C214299	94	95.5	QTZT	non-mineralized	P-AML	0.02	<0.5	11	84	2.96	5	530	0.7	<2	0.47	0.9		5	59		35	1.52			0.89			0.29	156	2	0.05	25	360	
K-06-0019	C214300	95.5	96.1	QTZT	non-mineralized	P-AML	0.03	<0.5	22	86	2.37	19	560	0.6	<2	0.27	0.8		4	71		26	1.07			0.84			0.11	262	2	0.05	27	150	
K-06-0019	C214301	96.1	98	QTZT	non-mineralized	N-AML	<0.01	0.7	73	200	0.83	6	160	<0.5	<2	0.23	2.3		3	27		5	0.53			0.29			0.08	411	<1	0.02	5	110	
K-06-0019	C214302	98	100	QTZT	non-mineralized	P-AML	<0.01	0.8	21	388	2.27	10	480	0.6	<2	0.26	4.6		4	55		6	1.39			0.74			0.08	257	<1	0.05	15	790	
K-06-0019	C214304	100	102	QTZT	non-mineralized	N-AML	<0.01	2.5	884	2170	0.47	5	110	<0.5	<2	5.15	22.3		4	19		3	1.72			0.17			0.32	4590	<1	0.01	7	330	
K-06-0019	C214305	102	104	QTZT	non-mineralized	N-AML	<0.01	0.5	21	213	1.7	5	370	<0.5	<2	2.78	1.3		4	42		5	1.24			0.51			0.15	587	<1	0.04	12	400	
K-06-0019	C214306	104	106	QTZT	non-mineralized	N-AML	<0.01	<0.5	13	192	1.61	6	330	<0.5	<2	3.36	0.6		4	43		7	1.25			0.4			0.19	555	<1	0.04	14	450	
K-06-0019	C214307	106	108	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	33	1.36	6	320	<0.5	<2	1.32	<0.5		3	37		6	0.98			0.33			0.17	98	<1	0.03	10	440	
K-06-0019	C214308	108	110	QTZT	non-mineralized	N-AML	<0.01	1	51	173	3.33	10	780	0.9	<2	1.76	2.1		5	66		11	1.77			0.98			0.3	185	<1	0.09	22	570	
K-06-0019	C214309	110	112	QTZT	non-mineralized	N-AML	<0.01	<0.5	15	57	3.1	8	690	0.9	<2	0.98	0.5		4	57		11	1.32			0.93			0.21	120	<1	0.09	18	520	
K-06-0019	C214311	112	114	QTZT	non-mineralized	N-AML	<0.01	0.9	48	91	2.35	7	410	0.6	<2	1.55	1.1		5	50		24	1.21			0.69			0.41	193	<1	0.08	14	600	
K-06-0019	C214312	114	116	QTZT	non-mineralized	N-AML	<0.01	0.6	19	80	4.19	11	720	1.1	<2	1.23	0.6		7	71		18	1.8			1.11			0.25	117	<1	0.14	27	670	
K-06-0019	C214313	116	118	QTZT	non-mineralized	N-AML	<0.01	0.5	25	60	2.52	6	450	0.6	<2	2.53	0.6		5	54		11	1.42			0.71			0.21	166	<1	0.09	17	530	
K-06-0019	C214314	118	120	QTZT	non-mineralized	N-AML	<0.01	<0.5	20	73	0.82	<5	150	<0.5	<2	0.16	0.9		1	30		3	0.46			0.25			0.05	84	<1	0.03	4	180	
K-06-0019	C214316	120	122	QTZT	non-mineralized	N-AML	<0.01	<0.5	15	72	0.32	<5	80	<0.5	<2	3.98	1.1		<1	23		2	1.21			0.1			1.39	225	<1	0.01	2	140	
K-06-0019	C214317	122	124	QTZT	non-mineralized	P-AML	<0.01	0.8	141	238	2.83	8	510	0.9	<2	0.63	3		4	62		9	1.2			0.79			0.18	174	<1	0.15	15	590	
K-06-0019	C214318	124	126	QTZT	non-mineralized	P-AML	<0.01	<0.5	6	15	0.78	<5	150	<0.5	<2	0.55	<0.5		1	34		4	0.58			0.21			0.17	58	<1	0.02	4	160	
K-06-0019	C214319	126	128	QTZT	non-mineralized	P-AML	<0.01	<0.5	17	51	1.7	7	310	0.5	<2	0.5	<0.5		3	47		7	0.92			0.46			0.15	92	<1	0.06	12	290	
K-06-0019	C214320	128	129.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	48	166	0.3	<5	70	<0.5	<2	3.33	2.1		1	25		2	1.32			0.11			1.18	931	<1	0.01	<1	110	
K-06-0019	C214321	129.5	131	QTZT	non-mineralized	N-AML	<0.01	<0.5	94	303	0.34	<5	70	<0.5	<2	2.66	3.4		<1	56		3	1.23			0.11			1.04	909	<1	0.01	2	170	
K-06-0019	C214323	131	133	QTZT	non-mineralized	N-AML	<0.01	0.8	164	192	0.63	5	90	<0.5	<2	0.34	2.1		1	52		8	0.75			0.2			0.11	1410	<1	0.02	6	210	
K-06-0019	C214324	133	135	QTZT	non-mineralized	P-AML	<0.01	<0.5	16	41	1.7	7	280	0.5	<2	0.21	<0.5		1	73		8	0.71			0.5			0.11	134	<1	0.07	13	300	
K-06-0019	C214325	135	137	QTZT	non-mineralized	N-AML	<0.01	2.5	726	645	1.33	8	220	<0.5	<2	0.58	7.8		2	72		8	2.14			0.42			0.34	6800	<1	0.06	8	250	
K-06-0019	C214326	137	139	QTZT	non-mineralized	N-AML	<0.01	0.9	381	714	0.35	6	80	<0.5	<2	3.49	8.7		<1	34		1	3.16			0.12			1.54	8330	<1	0.01	<1	150	
K-06-0019	C214347	161.5	162.7	GNST	non-mineralized	N-AML	0.01	2.7	19	184	7.38	19	260	0.6	<2	4.32	0.5		39	81		224	9.62			0.49			3.33	1830	<1	0.23	71	750	
K-06-0019	C214348	162.7	164.5	GNST	non-mineralized	N-AML	0.02	8.2	28	179	7.37	26	410	0.7	5	5.45	<0.5		42	79		255	9.75			0.61			3.2	2380	<1	0.09	68	840	
K-06-0019	C214327	139	141	QTZT	non-mineralized	P-AML	<0.01	0.9	74	120	1.13	<5	180	<0.5	<2	0.29	1.3		1	75		7	0.69			0.36			0.09	478	<1	0.04	8	250	
K-06-0019	C214328	141	143	QTZT	non-mineralized	N-AML	<0.01	1	35	86	1.04	5	150	<0.5	<2	0.35	0.9		1	79		7	0.67			0.34			0.11	248	<1	0.03	8	250	
K-06-0019	C214329	143	145	QTZT	non-mineralized	P-AML	<0.01	<0.5	12	60	1.73	6	230	<0.5	<2	0.41	0.5		2	83		8	0.89			0.5			0.17	158	<1	0.06	14	370	
K-06-0019	C214331	145	147	QTZT	non-mineralized	N-AML	<0.01	2.2	22	85	2.09	16	320	0.5	2	0.22	0.9		2	67		20	0.67			0.67			0.11	165	<1	0.07	13	330	
K-06-0019	C214332	147	148.4	QTZT	non-mineralized	N-AML	<0.01	0.8	25	91	1.15	9	180	<0.5	<2	0.22	0.9		1	69		9	0.57			0.36			0.08	195	<1	0.03	9	250	
K-06-0019	C214333	148.4	150	QTZT	non-mineralized	N-AML	<0.01	<0.5	96	253	0.4	<5	60	<0.5	<2	0.2	3.1		1	51		4	0.45			0.13			0.06	596	<1	0.01	4	170	
K-06-0019	C214334	150	151.5	QTZT	non-mineralized	N-AML	<0.01	1.1	145	189	0.74	5	150	<0.5	<2	0.07	2.3		1	51		4	0.55			0.26			0.04	909	<1	0.02	6	220	
K-06-0019	C214336	151.5	152.5	QTZT	non-mineralized	P-AML	0.03	1.5	25	74	3.27	106	710	0.8	2	0.23	0.6		5	95		9	0.88			1.13			0.12	177	<1	0.09	19	520	
K-06-0019	C214337	152.5	153.5	QTZT	non-mineralized	P-AML	0.02	2	30	125	1.54	526	330	<0.5	<2	0.08	1.3		2	71		7	1.17			0.54			0.06	1050	<1	0.04	11	310	
K-06-0019	C214338	153.5	154.5	QTZT	non-mineralized	P-AML	0.01	2.2	105	323	1.97	131	400	0.5	<2	0.1	2.9		2	62		5	1.11			0.66			0.09	1140	<1	0.05	13	380	
K-06-0019	C214339	154.5	155.5	QTZT	non-mineralized	P-AML	0.01	0.8	35	70	0.61	315	140	<0.5	<2	0.05	0.7		2	34		2	1.81			0.21			0.05	4890	<1	0.01	6	190	
K-06-0019	C214340	155.5	156.5	QTZT	non-mineralized	P-AML	0.24	254	1070	3720	0.54	4540	120	<0.5	3	0.17	61.8		9	50		285	3.64			0.18			0.12	10350	<1	0.02	13	150	
K-06-0019	C214341	156.5	157.5	QTZT	non-mineralized	P-AML	0.02	1	52	81	0.58	746	130	<0.5	<2	0.14	1.1		1	26		6	1.45			0.2			0.07	2830	<1	0.03	7	430	
K-06-0019	C214342	157.5	158.5	QTZT	non-mineralized	N-AML	<0.01	2.5	351	838	1.84	122	380	<0.5	2	0.22	11.5		3	48		4	3.13			0.6			0.24	10700	<1	0.08	15	440	
K-06-0019	C214344	158.5	159.5	QTZT	non-mineralized	P-AML	0.01	13.1	597	1300	2.23	90	400	<0.5	<2	0.32	14.9		8	46		23	2.53			0.68			0.24	7020	<1	0.12	23	440	
K-06-0019	C214345	159.5	160.6	QTZT	non-mineralized	N-AML	<0.01	6.4	1250	1280	1.63	31	190	<0.5	3	1.8	14.3		5	34		11	4.4			0.52			0.66	14650	<1	0.06	16	340	
K-06-0019	C214346	160.6	161.5	QTZT	non-mineralized	P-AML	0.02	<0.5	30	70	2.98	65	610	0.9	2	0.49	0.5		3	57		20	1.48			0.78			0.19	391	<1	0.21	19	550	
K-06-0019	C214349	164.5	165.8	QTZT	non-mineralized	N-AML	0.02	4.4	669	4770	0.71	19	230	<0.5	<2	2.25	61.8		2	29		26	2			0.22			0.66	4140	<1	0.03	7	650	
K-06-0019	C214351	165.8	167	QTZT	non-mineralized	P-AML	0.04	2.7	72	167	1.53	58	280	<0.5	<2	0.6	1.8		3	36		32	1.26			0.44			0.26	540	<1	0.08	18	150	
K-06-0019	C214352	167	169	QTZT	non-mineralized	P-AML	0.02	0.8	21	63	3.52	27	650	0.8	<2	0.52	0.7		5	57		25	1.78			1			0.34	280	<1	0.14	23	290	
K-06-0019	C214354	169	171	QTZT	non-mineralized	P-AML	<0.01	<0.5	12	51	1.6	11	200	<0.5	<2	0.55	0.7		2	40		10	1.45			0.33			0.28	155	<1	0.09	17	210	
K-06-0019	C214355	171	172.8	QTZT	non-mineralized	N-AML	0.01	1.7	15	80	6.6	30	540	1.7	<2	0.83	<0.5		9	100		31	3.21			1.71			0.51	662	<1	0.38	41	1240	
K-06-0019	C214356	172.8	174	QTZT	non-mineralized	P-AML	<0.01	5.2	1400	3320	0.46	12	100	<0.5	<2	0.09	43.3		<1	29		3	1.89			0.14			0.1	6670	<1	0.02	4	110	
K-06-0019	C214357	174	175.5	QTZT	non-mineralized	N-AML	<0.01	1.4	257	309	0.36	6	70	<0.5	<2	0.05	4.4		<1	27		2	1.2			0.12			0.05	4040	<1	0.01	2	90	
K-06-0019	C214358	175.5	176.6	QTZT	non-mineralized	P-AML	<0.01	7.3	1050	3060	1.91	19	330	0.5	2	0.17	37.6		2	44		5	3.32			0.52			0.32	10700	<1	0.14	12	410	
K-06-0019	C214359	176.6	177.5	QTZT	non-mineralized	N-AML	0.01	22.7	1220	390	0.29	26	40	<0.5	8	1.08	4.1		<1	11		4	13.8			0.09			0.89	54500	<1	0.01	6	110	
K-06-0019	C214360	177.5	178.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	26	355	0.43	36	80	<0.5	4	1.2	4		1	19		6	5.49			0.14			0.67	19650	<1	0.01	7	110	
K-06-0019	C214361	178.5	179.5	GSCH	mineralized	P-AML	0.01	7.4	1040	7050	4.69	33	390	1.3	6	0.28	90.6		8	67		12	8.18			1.34			0.48	24100	<1	0.27	34	560	
K-06-0019	C214362	179.5	181.5	GSCH	non-mineralized	N-AML	0.01	4.8	187	426	5.96	35	840	1.7	3	2.62	4.4		11	60		34	3.49			2.01			1.31	2760	2	0.13	36	950	
K-06-0019	C214364	181.5	183.5	GSCH	non-mineralized	P-AML	0.01	0.8	35	124	6.51	24	660	1.8	<2	3.57	1		10	54		39	3.43			2.37			1.57	2160	7	0.15	31	1330	
K-06-0019	C214365	183.5	185.5	GSCH	non-mineralized	N-AML	<0.01	2.8	147	339	7.03	28	710	1.9	<2	3.38	3.4		10	63		29	3.44			2.79			1.54	1890	2	0.1	34	1130	
K-06-0019	C214366	185.5	187.5	GSCH	non-mineralized	P-AML	0.01	4.2	741	1190	6.32	40	650	1.8	3	2.9	13.2		11	60		24	4.32			2.6			1.33	7110	8	0.1	36	1260	
K-06-0019	C214367	187.5	189.5	GSCH	non-mineralized	N-AML	<0.01	1.6	53	196	6.69	21	690	2	2	3.51	1.7		11	62		36	3.5			2.42			1.68	1730	4	0.11	34	1160	
K-06-0019	C214368	189.5	191.5	GSCH	non-mineralized	N-AML	0.01	2.3	63	195	7.34	24	730	2.1	<2	2.88	1.6		12	73		38	3.8			2.6			1.74	1620	3	0.09	40	1260	
K-06-0019	C214369	191.5	193.5	GSCH	non-mineralized	N-AML	<0.01	<0.5	26	116	6.59	9	560	1.8	<2	2.85	<0.5		10	61		29	3.35			1.94			1.53	945	1	0.25	30	1110	
K-06-0019	C214371	193.5	195.5	GSCH	non-mineralized	P-AML	0.01	0.6	54	167	7.47	19	710	2.2	2	2.62	1.1		14	71		57	3.88			2.5			1.81	1140	6	0.24	42	1710	
K-06-0019	C214372	195.5	197.5	GSCH	non-mineralized	P-AML	0.01	3.7	94	317	7.9	28	540	2.3	4	1.93	3.5		14	71		49	4.17			2.77			1.63	1030	9	0.17	46	1500	
K-06-0019	C214373	197.5	199.5	GSCH	non-mineralized	P-AML	0.01	<0.5	26	111	6.94	19	720	2	2	2.25	0.9		11	68		37	3.66			2.06			1.56	783	9	0.32	41	1490	
K-06-0019	C214375	199.5	201.5	GSCH	non-mineralized	P-AML	0.02	<0.5	11	108	7.06	18	370	1.9	3	2.36	1.1		14	63		34	3.83			2.01			1.52	1250	9	0.36	43	1150	
K-06-0019	C214376	201.5	203.5	GSCH	non-mineralized	P-AML	0.04	<0.5	18	139	7.27	41	240	2	5	1.59	1.6		19	79		78	4.48			2.09			1.33	1225	21	0.33	60	640	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-06-0019	C214377	203.5	205.5	GSCH	non-mineralized	P-AML	0.02	<0.5	16	110	7.34	9	250	1.9	5	2.7	0.7		12	70		40	3.81			2.04			1.55	902	9	0.77	43	1070	
K-06-0019	C214378	205.5	207.5	GSCH	non-mineralized	P-AML	0.01	<0.5	13	107	7.44	12	540	2.1	4	2.16	0.8		11	70		34	3.95			2.16			1.51	500	8	0.55	44	1170	
K-06-0019	C214379	207.5	209.5	GSCH	non-mineralized	P-AML	0.01	2.8	179	541	8	21	580	2.3	4	2.07	5.7		15	71		34	4.35			2.65			1.42	3110	11	0.33	47	1190	
K-06-0019	C214380	209.5	211.5	GSCH	non-mineralized	N-AML	0.02	5.8	413	528	7.23	34	730	2.2	<2	1.92	5.3		11	71		28	4.15			2.56			1.35	4730	6	0.14	41	1080	
K-06-0019	C214381	211.5	213.5	GSCH	non-mineralized	N-AML	<0.01	<0.5	22	119	7.78	6	850	2.2	<2	2.81	<0.5		15	77		33	3.98			2.5			1.7	662	3	0.4	45	1120	
K-06-0019	C214382	213.5	215.5	GSCH	non-mineralized	N-AML	<0.01	1.8	66	194	6.45	11	1120	1.8	<2	2.39	1.6		14	71		37	3.5			1.97			1.36	1245	7	0.31	37	1160	
K-06-0019	C214384	215.5	217.5	GSCH	non-mineralized	N-AML	0.01	6.9	81	257	6.87	26	480	2	<2	1.66	2.3		18	75		78	3.83			2.19			1.43	1610	11	0.16	49	910	
K-06-0019	C214385	217.5	219.5	GSCH	non-mineralized	N-AML	0.01	<0.5	13	116	6.25	12	650	1.7	<2	2.42	0.9		12	66		34	3.24			1.97			1.46	476	5	0.36	36	1010	
K-06-0019	C214386	219.5	221.5	GSCH	non-mineralized	P-AML	0.01	2.6	333	903	6.06	26	570	1.8	<2	2.61	9.2		13	59		33	3.45			2.18			1.36	2940	6	0.09	34	980	
K-06-0019	C214387	221.5	223.5	GSCH	non-mineralized	N-AML	0.01	2.3	111	310	7.24	24	660	2.2	<2	2.27	2.5		16	70		29	3.84			2.63			1.53	1430	2	0.08	39	1160	
K-06-0019	C214388	223.5	225.5	GSCH	non-mineralized	N-AML	<0.01	5.1	81	1780	6.31	20	620	1.7	<2	3.62	18.8		10	60		46	3.33			2.38			1.4	2680	8	0.12	32	1230	
K-06-0019	C214389	225.5	227.5	GSCH	non-mineralized	P-AML	<0.01	1.9	44	364	6.97	36	560	1.9	<2	3.79	2.9		12	65		44	3.61			2.64			1.46	2090	12	0.12	31	1470	
K-06-0019	C214391	227.5	229.5	GSCH	non-mineralized	P-AML	0.01	4.4	130	600	6.75	32	540	1.7	<2	4.26	5.3		11	66		68	3.65			2.56			1.47	3310	14	0.1	37	1340	
K-06-0019	C214392	229.5	231.5	GSCH	non-mineralized	N-AML	<0.01	14.1	187	1480	7.05	82	650	1.9	<2	3.88	14.7		18	66		98	3.29			2.62			1.31	3190	7	0.07	56	1400	
K-06-0019	C214393	231.5	233.5	QTZT	non-mineralized	N-AML	<0.01	0.5	37	162	5.81	<5	1610	1.6	<2	2.69	1		7	54		17	2.37			1.72			1.58	698	3	1.79	23	1580	
K-06-0019	C214394	233.5	235.5	QTZT	mineralized	P-AML	<0.01	<0.5	<2	61	6.64	<5	1830	1.8	<2	2.85	<0.5		8	59		19	2.76			1.73			2.18	453	2	2.74	24	1840	
K-06-0019	C214396	235.5	236.8	QTZT	mineralized	P-AML	<0.01	<0.5	<2	58	6.79	<5	1040	1.9	<2	2.23	<0.5		10	67		27	3			1.92			1.73	440	5	2.59	32	1930	
K-06-0022	C214397	3	5	GSCH	mineralized	P-AML	<0.01	0.7	<2	32	0.95	<5	140	<0.5	<2	0.41	<0.5		<1	37		5	0.63			0.19			0.13	96	1	0.03	<1	200	
K-06-0022	C214398	5	7	GSCH	mineralized	P-AML	0.01	0.5	<2	27	0.39	<5	80	<0.5	<2	0.19	<0.5		<1	30		3	0.31			0.11			0.02	88	1	0.01	3	130	
K-06-0022	C214399	7	9	GSCH	mineralized	P-AML	0.01	<0.5	<2	56	0.64	<5	120	<0.5	<2	0.08	<0.5		<1	28		6	0.59			0.14			0.03	114	<1	0.02	9	290	
K-06-0022	C214400	9	11	GSCH	non-mineralized	N-AML	<0.01	0.5	5	145	0.89	<5	170	<0.5	<2	0.12	<0.5		2	31		5	0.72			0.22			0.03	278	<1	0.02	6	160	
K-06-0022	C214401	11	13	GSCH	non-mineralized	N-AML	<0.01	1	46	194	1.19	17	230	<0.5	<2	0.09	2.3		2	29		5	1.12			0.31			0.03	727	<1	0.02	12	150	
K-06-0022	C214402	13	15	GSCH	non-mineralized	N-AML	<0.01	<0.5	6	88	1.11	9	170	<0.5	<2	0.63	0.8		2	30		10	0.89			0.2			0.08	233	<1	0.02	9	190	
K-06-0022	C214404	15	17	GSCH	non-mineralized	N-AML	<0.01	0.7	7	74	3.79	19	560	0.9	<2	0.12	<0.5		1	64		10	1.78			0.7			0.15	143	<1	0.07	17	390	
K-06-0022	C214405	17	19	GSCH	non-mineralized	N-AML	<0.01	<0.5	8	77	3.21	7	270	0.6	<2	0.12	0.8		4	61		16	3.11			0.35			0.18	135	1	0.04	24	580	
K-06-0022	C214406	19	21	GSCH	non-mineralized	N-AML	<0.01	0.6	21	94	7.32	27	1060	1.9	<2	0.25	<0.5		1	115		19	2.99			1.42			0.28	118	1	0.16	23	670	
K-06-0022	C214407	21	23	GSCH	non-mineralized	N-AML	<0.01	0.7	11	55	3.76	11	620	1.1	<2	0.12	<0.5		<1	63		19	1.67			0.84			0.12	61	<1	0.08	13	500	
K-06-0022	C214408	23	25	GSCH	non-mineralized	N-AML	<0.01	0.9	91	206	1.92	6	290	0.6	<2	0.11	2.6		2	44		12	1.08			0.48			0.04	861	1	0.04	14	280	
K-06-0022	C214409	25	26.15	GSCH	non-mineralized	N-AML	<0.01	0.7	43	95	0.29	<5	60	<0.5	<2	0.02	0.8		<1	25		6	0.43			0.08			0.01	167	<1	<0.01	6	110	
K-06-0022	C214411	26.15	28.85	GSCH	non-mineralized	N-AML	<0.01	2.6	16	293	0.92	14	820	<0.5	<2	0.04	0.7		4	21		46	1.53			0.15			0.02	256	<1	0.01	35	460	
K-06-0022	C214412	28.85	30.85	GSCH	non-mineralized	N-AML	<0.01	1	12	64	4.99	11	830	1.4	<2	0.16	<0.5		2	81		17	1.84			1.11			0.18	76	1	0.1	19	430	
K-06-0022	C214414	30.85	32.85	GSCH	non-mineralized	N-AML	<0.01	0.5	5	52	3.01	<5	470	0.9	<2	0.26	<0.5		2	57		21	1.43			0.63			0.21	83	1	0.05	17	230	
K-06-0022	C214415	32.85	34.85	GSCH	non-mineralized	N-AML	<0.01	0.5	9	52	3.76	10	550	1.2	<2	0.16	<0.5		2	64		25	1.72			0.74			0.19	75	1	0.07	19	280	
K-06-0022	C214416	34.85	36.85	GSCH	non-mineralized	N-AML	0.01	<0.5	8	44	5.23	<5	960	1.5	<2	0.11	<0.5		3	83		15	1.51			1.21			0.2	78	<1	0.09	22	210	
K-06-0022	C214417	36.85	38.85	GSCH	non-mineralized	N-AML	<0.01	<0.5	5	44	4.19	<5	780	1.3	<2	0.05	<0.5		2	76		20	1.29			1.04			0.14	49	<1	0.07	17	190	
K-06-0022	C214418	38.85	40.15	GSCH	non-mineralized	N-AML	<0.01	1.2	7	66	3.78	21	620	1	<2	0.13	0.5		3	71		14	1.09			1.13			0.11	119	1	0.07	14	230	
K-06-0022	C214419	40.15	42	QTZT	non-mineralized	N-AML	<0.01	<0.5	18	46	0.33	<5	50	<0.5	<2	0.3	0.6		<1	31		4	0.48			0.1			0.12	206	<1	<0.01	5	70	
K-06-0022	C214420	42	44	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	28	0.41	9	60	<0.5	<2	0.17	<0.5		1	32		4	0.41			0.12			0.07	105	<1	0.01	6	70	
K-06-0022	C214421	44	46	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	24	0.44	5	70	<0.5	<2	0.09	<0.5		2	38		5	0.4			0.11			0.05	82	<1	0.01	4	80	
K-06-0022	C214423	46	48	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	28	0.49	8	60	<0.5	<2	0.17	0.5		1	35		6	0.5			0.09			0.09	128	<1	0.01	4	80	
K-06-0022	C214424	48	50	QTZT	non-mineralized	N-AML	0.01	0.6	16	46	2.62	10	420	0.7	<2	0.06	0.6		2	62		8	0.62			0.74			0.08	93	<1	0.06	5	100	
K-06-0022	C214425	50	52	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	27	0.92	<5	130	<0.5	<2	0.06	<0.5		<1	44		5	0.36			0.28			0.04	111	<1	0.02	6	70	
K-06-0022	C214426	52	54	QTZT	mineralized	P-AML	<0.01	<0.5	<2	21	0.42	5	60	<0.5	<2	0.1	<0.5		1	32		5	0.36			0.11			0.05	115	<1	0.01	7	70	
K-06-0022	C214427	54	56	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	26	0.38	5	70	<0.5	<2	0.08	<0.5		2	34		5	0.33			0.1			0.04	82	<1	0.01	1	60	
K-06-0022	C214428	56	57.34	QTZT	non-mineralized	N-AML	<0.01	<0.5	14	55	1.33	10	140	<0.5	<2	0.03	0.5		2	35		11	0.99			0.21			0.21	46	1	0.02	14	120	
K-06-0022	C214430	57.34	58.6	QTZT	non-mineralized	P-AML	0.01	0.5	8	100	4.71	15	780	1.5	<2	0.67	<0.5		6	79		69	2.34			1.06			0.47	205	1	0.07	30	310	
K-06-0022	C214431	58.6	60	QTZT	non-mineralized	P-AML	<0.01	<0.5	11	74	3.44	16	540	0.8	<2	0.39	0.9		5	67		27	2.1			0.76			0.31	119	1	0.05	25	340	
K-06-0022	C214432	60	62	QTZT	non-mineralized	P-AML	<0.01	<0.5	12	50	3.48	14	630	0.8	<2	0.06	<0.5		4	71		17	1.18			0.91			0.15	51	<1	0.06	19	240	
K-06-0022	C214434	62	64	QTZT	non-mineralized	P-AML	<0.01	<0.5	4	73	3.02	15	560	0.9	<2	0.35	0.7		5	63		44	1.27			0.79			0.24	141	<1	0.05	16	300	
K-06-0022	C214435	64	66	QTZT	non-mineralized	P-AML	<0.01	1.7	89	335	3.37	12	710	1.1	<2	0.26	3.7		3	71		35	1.36			1.12			0.19	1710	<1	0.06	17	180	
K-06-0022	C214436	66	68	QTZT	non-mineralized	P-AML	<0.01	0.5	3	63	1.19	5	240	<0.5	<2	0.43	0.5		2	66		17	0.84			0.33			0.17	157	1	0.02	15	500	
K-06-0022	C214437	68	70	QTZT	mineralized	P-AML	<0.01	<0.5	<2	24	0.57	<5	120	<0.5	<2	0.13	<0.5		1	27		5	0.39			0.15			0.07	60	<1	0.01	5	100	
K-06-0022	C214438	70	72	QTZT	non-mineralized	P-AML	<0.01	0.5	20	77	1.51	8	300	<0.5	<2	0.2	0.8		3	46		8	1.1			0.41			0.07	341	1	0.04	11	380	
K-06-0022	C214439	72	74	QTZT	non-mineralized	N-AML	<0.01	<0.5	27	177	1.05	7	210	<0.5	<2	4.92	0.9		2	27		8	1.29			0.3			0.38	867	<1	0.02	6	1170	
K-06-0022	C214440	74	75	QTZT	non-mineralized	N-AML	<0.01	2.1	849	4650	0.34	8	80	<0.5	<2	4.27	52.4		3	16		6	3.22			0.12			1.03	14350	<1	0.01	3	570	
K-06-0022	C214441	75	76	QTZT	non-mineralized	N-AML	<0.01	<0.5	121	719	0.4	<5	100	<0.5	<2	1.52	7.6		3	16		12	0.59			0.12			0.12	494	<1	0.01	5	230	
K-06-0022	C214442	76	77	QTZT	non-mineralized	N-AML	<0.01	1.4	273	3660	0.46	<5	70	<0.5	<2	2.32	39.8		12	21		10	1.65			0.16			0.65	4060	<1	0.01	14	480	
K-06-0022	C214443	77	78	QTZT	non-mineralized	N-AML	<0.01	1.1	309	954	0.56	<5	150	<0.5	<2	5.45	7.1		21	17		3	2.83			0.18			2.17	4210	<1	0.01	17	400	
K-06-0022	C214444	78	79	QTZT	non-mineralized	N-AML	<0.01	<0.5	57	433	0.33	7	110	<0.5	<2	9.19	4.7		2	11		1	1.96			0.11			1.97	1345	<1	0.01	3	370	
K-06-0022	C214445	79	80	QTZT	non-mineralized	N-AML	<0.01	<0.5	16	217	0.38	5	100	<0.5	<2	1.45	1.6		4	17		4	0.82			0.12			0.39	673	<1	0.01	5	220	
K-06-0022	C214447	80	81.2	QTZT	non-mineralized	N-AML	0.01	<0.5	11	108	1.06	6	230	<0.5	<2	4.48	0.9		3	28		9	1.75			0.32			1.12	481	<1	0.03	8	370	
K-06-0022	C214448	81.2	82.22	QTZT	non-mineralized	N-AML	0.01	4	143	569	3.92	16	750	1.2	<2	1.07	7.3		6	66		47	1.94			1.09			0.26	428	<1	0.1	26	730	
K-06-0022	C214449	82.22	84	QTZT	non-mineralized	N-AML	0.01	0.5	35	124	0.69	<5	110	<0.5	<2	0.39	1.2		<1	21		6	0.49			0.2			0.09	296	<1	0.02	2	190	
K-06-0022	C214450	84	86	QTZT	non-mineralized	P-AML	<0.01	<0.5	12	67	2.42	19	490	0.6	<2	1.95	0.6		3	52		14	2.31			0.56			0.26	126	<1	0.08	21	400	
K-06-0022	C214451	86	88	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	31	0.8	<5	150	<0.5	<2	0.88	<0.5		<1	33		5	0.61			0.22			0.11	92	<1	0.02	3	210	
K-06-0022	C214453	88	90	QTZT	non-mineralized	N-AML	0.01	<0.5	21	39	2.16	5	370	0.6	<2	1.51	0.5		3	49		18	1.43			0.54			0.28	157	1	0.06	14	370	
K-06-0022	C214454	90	92	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	15	0.47	<5	90	<0.5	<2	0.21	<0.5		2	30		5	0.35			0.12			0.08	66	<1	0.01	4	80	
K-06-0022	C214456	92	94	QTZT	non-mineralized	P-AML	0.01	5.4	29	81	3.57	28	700	1.1	<2	0.37	0.9		6	79		97	1.91			0.91			0.29	148	7	0.1	38	380	
K-06-0022	C214457	94	96	QTZT	non-mineralized	P-AML	0.01	0.7	12	23	2	7	380	0.6	<2	0.28	<0.5		3	47		17	0.92			0.57			0.08	59	1	0.08	13	280	
K-06-0022	C214458	96	98	QTZT	non-mineralized	N-AML	<0.01	0.6	31	78	0.38	5	60	<0.5	<2	0.24	0.7		1	30		5	0.37			0.12			0.04	327	<1	0.01	3	180	
K-06-0022	C214459	98	100	QTZT	non-mineralized	P-AML	<0.01	<0.5	15	67	1.61	7	220	<0.5	<2	0.41	0.7		2	44		10	0.72			0.47			0.12	202	<1	0.04	10	320	
K-06-0022	C214460	100	102	QTZT	non-mineralized	N-AML	<0.01	0.5	46	168	0.64	6	60	<0.5	<2	0.37	1.6		<1	29		6	0.53			0.2			0.1	442	<1	0.01	3	210	
K-06-0022	C214461	102	104	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	35	1.04	<5	150	<0.5	<2	0.1	<0.5		2	35		9	0.58			0.28			0.07	55	<1	0.03	6	240	
K-06-0022	C214462	104	106	QTZT	non-mineralized	N-AML	0.01	<0.5	14	48	0.37	<5	70	<0.5	<2	0.13	0.6		<1	30		3	0.3			0.12			0.05	63	<1	0.01	<1	150	
K-06-0022	C214463	106	108	QTZT	non-mineralized	N-AML	0.01	0.9	23	93	1.25	5	170	<0.5	<2	0.1	0.8		3	36		13	0.62			0.38			0.05	262	<1	0.04	8	250	
K-06-0022	C214464	108	110	QTZT	non-mineralized	P-AML	<0.01	1.4	70	132	1.24	7	200	<0.5	<2	0.11	1.5		2	37		13	0.99			0.35			0.08	755	<1	0.04	10	290	
K-06-0022	C214465	110	112	QTZT	non-mineralized	N-AML	0.01	<0.5	8	42	1.61	6	240	0.5	<2	0.22	<0.5		3	47		10	0.68			0.45			0.09	127	<1	0.06	8	310	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-06-0022	C214466	112	114	QTZT	non-mineralized	N-AML	0.01	<0.5	8	30	1	5	150	<0.5	<2	0.25	<0.5		2	33		10	0.59			0.31			0.07	218	<1	0.03	7	280	
K-06-0022	C214468	114	116	QTZT	non-mineralized	N-AML	0.03	0.7	91	232	1.02	<5	150	<0.5	<2	0.18	2.9		2	36		6	0.72			0.31			0.08	511	<1	0.02	10	280	
K-06-0022	C214469	116	118	QTZT	non-mineralized	N-AML	<0.01	0.6	45	118	0.75	<5	120	<0.5	<2	0.18	1.6		2	33		10	0.57			0.23			0.06	365	<1	0.02	6	230	
K-06-0022	C214470	118	120	QTZT	non-mineralized	N-AML	0.01	0.5	27	103	0.98	5	160	<0.5	<2	2.11	0.7		2	29		7	1.12			0.32			0.84	407	<1	0.04	5	270	
K-06-0022	C214471	120	122	QTZT	non-mineralized	N-AML	0.01	<0.5	18	56	0.46	<5	70	<0.5	<2	0.07	0.6		1	28		2	0.44			0.16			0.04	411	1	0.01	4	160	
K-06-0022	C214473	122	124	QTZT	non-mineralized	N-AML	0.01	0.7	17	57	0.57	<5	90	<0.5	<2	0.09	0.5		1	31		12	0.54			0.19			0.05	495	<1	0.01	5	170	
K-06-0022	C214474	124	126	QTZT	non-mineralized	N-AML	0.01	0.5	49	109	1.09	6	170	<0.5	2	0.11	1.4		1	35		7	0.67			0.37			0.07	796	<1	0.03	6	160	
K-06-0022	C214475	126	128.3	QTZT	non-mineralized	N-AML	0.01	0.5	25	71	0.39	<5	60	<0.5	<2	0.05	0.9		1	22		4	0.35			0.13			0.04	239	<1	0.01	4	100	
K-06-0022	C214476	128.3	129.4	QTZT	mineralized	P-AML	0.01	366	5660	833	0.36	<5	50	<0.5	4	0.04	11.8		<1	18		41	2.19			0.13			0.06	6160	<1	0.01	1	170	
K-06-0022	C214478	129.4	130.4	QTZT	non-mineralized	P-AML	0.01	23.5	1220	198	0.91	21	140	<0.5	<2	0.12	2.3		2	33		12	0.95			0.3			0.04	1400	<1	0.02	7	520	
K-06-0022	C214479	130.4	131.4	QTZT	non-mineralized	P-AML	<0.01	118	2480	1645	0.48	56	90	<0.5	2	0.15	20.7		1	29		13	4.33			0.16			0.31	14700	<1	0.01	2	140	
K-06-0022	C214480	131.4	132.4	QTZT	non-mineralized	N-AML	0.01	6.8	595	297	0.5	397	90	<0.5	<2	0.12	3.7		1	25		5	4.25			0.16			0.25	12950	<1	0.01	2	170	
K-06-0022	C214482	132.4	132.9	QTZT	mineralized	P-AML	0.01	277	1035	12800	0.55	93	80	<0.5	<2	0.09	170.5		2	21		52	3.43			0.17			0.08	11500	<1	0.01	6	200	
K-06-0022	C214483	132.9	135	QTZT	non-mineralized	P-AML	0.01	1.5	199	676	3.63	10	490	1.1	<2	0.75	6.9		7	51		14	2.48			0.72			0.41	2760	<1	0.15	24	470	
K-06-0022	C214484	135	135.9	QTZT	non-mineralized	N-AML	<0.01	2.3	91	324	0.92	17	140	<0.5	<2	0.81	3.4		1	30		8	1.31			0.24			0.26	1600	<1	0.05	7	260	
K-06-0022	C214485	135.9	137	QTZT	non-mineralized	P-AML	0.02	0.7	17	65	4.6	17	700	1.4	<2	0.64	<0.5		4	80		32	1.75			1.19			0.34	160	<1	0.32	23	410	
K-06-0022	C214486	137	139	QTZT	non-mineralized	P-AML	<0.01	1	66	438	0.95	5	150	<0.5	<2	0.54	4.7		1	36		6	0.94			0.26			0.19	464	<1	0.05	5	220	
K-06-0022	C214487	139	140	QTZT	non-mineralized	N-AML	0.01	1.3	300	654	0.71	<5	90	<0.5	<2	0.87	7.1		1	32		5	1.38			0.19			0.2	3600	<1	0.05	4	150	
K-06-0022	C214489	140	142	QTZT	non-mineralized	P-AML	0.01	0.7	27	77	0.72	5	100	<0.5	<2	0.5	0.8		2	37		6	0.75			0.19			0.11	206	<1	0.05	6	180	
K-06-0022	C214490	142	144	GSCH	non-mineralized	N-AML	0.01	<0.5	9	23	0.9	<5	130	<0.5	<2	0.81	<0.5		2	33		8	0.88			0.22			0.32	240	<1	0.07	7	230	
K-06-0022	C214491	144	146	GSCH	non-mineralized	N-AML	<0.01	<0.5	10	71	3.45	<5	990	0.9	<2	1.11	<0.5		7	52		42	2.21			0.9			0.71	565	1	0.16	25	400	
K-06-0022	C214492	146	148	GSCH	non-mineralized	N-AML	0.01	0.6	19	99	5.93	17	1120	1.5	<2	2.62	<0.5		11	65		54	3.33			1.6			1.36	1335	6	0.31	37	1000	
K-06-0022	C214493	148	150.95	GSCH	non-mineralized	P-AML	0.01	0.6	18	57	4	19	590	1	<2	6.92	<0.5		5	72		19	2.47			0.97			0.61	449	<1	0.33	24	1860	
K-06-0022	C214515	182	183.72	CHSCH	non-mineralized	N-AML	<0.01	6.9	56	876	5.13	46	570	1.4	3	3.19	10.2		11	53		31	3.05			1.75			0.96	3460	5	0.08	33	1100	
K-06-0022	C214516	183.72	186	CHSCH	non-mineralized	N-AML	<0.01	7	58	229	3.51	30	450	0.8	3	6.87	2.6		5	28		48	1.88			1.39			1.01	2070	1	0.1	10	1310	
K-06-0022	C214517	186	188	CHSCH	non-mineralized	N-AML	<0.01	0.5	24	129	5.5	23	360	1.5	<2	4.43	1.5		9	48		24	2.43			1.88			1.27	551	1	0.23	21	1430	
K-06-0022	C214518	188	190	CHSCH	non-mineralized	N-AML	<0.01	<0.5	9	45	4.71	9	310	1.2	3	5.24	0.7		7	40		17	2.04			1.37			1.15	439	1	0.5	16	1360	
K-06-0022	C214519	190	192	CHSCH	non-mineralized	N-AML	<0.01	<0.5	7	52	5.34	<5	340	1.3	3	5.14	0.6		9	45		19	2.32			1.62			1.29	472	1	0.91	19	1410	
K-06-0022	C214520	192	193	CHSCH	non-mineralized	N-AML	<0.01	<0.5	5	51	5.26	<5	380	1.2	2	5.16	0.8		7	40		43	2.59			1.25			1.31	507	1	1.22	20	1420	
K-06-0022	C214521	193	195.19	GNST	non-mineralized	N-AML	0.01	0.5	2	93	7.9	<5	300	0.5	5	5.9	0.7		37	111		185	8.67			0.19			3.7	1325	<1	1.76	81	690	
K-06-0022	C214522	195.19	197	SCH	non-mineralized	N-AML	0.01	<0.5	9	76	5.83	<5	600	1.5	2	4.2	0.6		8	49		23	2.76			1.74			1.47	457	2	1.06	22	1380	
K-06-0022	C214523	197	199	SCH	non-mineralized	N-AML	0.01	<0.5	12	64	5.81	16	370	1.5	<2	3.76	0.6		7	50		26	2.86			1.74			1.18	435	4	0.96	24	1250	
K-06-0022	C214525	199	201	SCH	non-mineralized	N-AML	0.01	<0.5	19	91	6.82	<5	480	1.8	2	3.57	1		11	63		31	3.2			2.14			1.43	455	7	0.87	33	1400	
K-06-0022	C214526	201	203	SCH	non-mineralized	N-AML	<0.01	0.6	14	76	7.05	<5	570	1.8	3	3.53	0.8		11	62		28	3.47			2.13			1.58	468	3	1.17	33	1320	
K-06-0022	C214527	203	205	SCH	non-mineralized	N-AML	0.01	<0.5	13	83	7.37	6	1070	1.9	5	2.84	0.6		12	66		35	3.69			2.33			1.74	488	2	1.38	35	1350	
K-06-0022	C214528	205	207	SCH	non-mineralized	N-AML	<0.01	<0.5	2	76	7.83	9	2040	2.2	2	0.85	0.8		13	71		33	4.05			2.39			2.43	529	2	2.77	36	1290	
K-06-0022	C214529	207	209	SCH	non-mineralized	N-AML	<0.01	<0.5	4	64	5.17	7	1170	1.3	2	1.92	0.8		8	48		25	2.45			1.26			1.47	301	3	2.58	23	1390	
K-06-0022	C214531	209	210.7	SCH	non-mineralized	N-AML	<0.01	<0.5	3	80	5.7	<5	1840	1.6	3	1.76	0.8		8	50		22	2.51			1.79			1.55	315	3	2.48	24	1750	
K-06-0022	C214494	150.95	152.55	GSCH	non-mineralized	N-AML	0.02	0.9	71	146	2.76	9	400	0.7	<2	2.99	1.2		3	55		11	2.27			0.72			0.39	3190	<1	0.2	16	500	
K-06-0022	C214495	152.55	154.2	GSCH	non-mineralized	P-AML	0.01	3.1	71	211	3.22	12	740	0.9	<2	0.36	1.4		5	61		55	1.58			0.93			0.41	652	1	0.15	24	300	
K-06-0022	C214497	154.2	156	GSCH	non-mineralized	P-AML	<0.01	0.6	10	73	1.66	10	360	0.5	<2	0.47	<0.5		4	44		20	0.95			0.46			0.24	151	1	0.1	11	250	
K-06-0022	C214536	216.84	218.2	PHY	non-mineralized	N-AML	<0.01	1.7	7	63	6.58	<5	2470	1.8	3	2.07	0.7		9	55		24	3.02			1.85			1.83	348	2	3.46	28	1710	
K-06-0022	C214498	156	158	GSCH	non-mineralized	N-AML	<0.01	<0.5	8	50	1.98	14	580	0.5	<2	1.35	<0.5		4	48		24	2.18			0.49			0.69	598	<1	0.09	24	380	
K-06-0022	C214499	158	160	GSCH	non-mineralized	N-AML	<0.01	0.5	13	114	5.76	10	500	1.6	<2	1.49	<0.5		15	74		67	3.61			1.62			1.21	1055	7	0.2	50	880	
K-06-0022	C214500	160	162	GSCH	non-mineralized	N-AML	0.02	<0.5	10	101	6.75	23	790	1.9	2	2.96	<0.5		13	69		41	3.62			1.9			1.58	1245	8	0.35	38	1300	
K-06-0022	C214501	162	164	GSCH	non-mineralized	P-AML	0.01	<0.5	18	123	7.36	24	680	2.2	<2	3.35	0.5		15	78		46	3.95			2.28			1.79	1355	14	0.59	42	1380	
K-06-0022	C214503	164	166	GSCH	non-mineralized	P-AML	0.01	<0.5	19	115	7.04	33	640	2	<2	3.05	<0.5		15	68		38	4.01			2.04			1.71	1145	13	0.49	42	1720	
K-06-0022	C214504	166	168	GSCH	non-mineralized	P-AML	0.01	<0.5	41	175	7.39	37	700	2.1	<2	4.06	1		17	64		55	4.33			2.4			1.81	1675	18	0.37	50	1800	
K-06-0022	C214505	168	170	GSCH	non-mineralized	P-AML	0.02	<0.5	13	107	6.11	21	530	1.6	<2	3.9	<0.5		12	53		42	3.4			1.81			1.54	1335	8	0.62	31	1590	
K-06-0022	C214507	170	172.3	GSCH	non-mineralized	P-AML	<0.01	0.7	56	159	6.9	25	660	1.9	<2	3.63	0.6		13	61		70	3.62			2.09			1.69	1175	5	0.49	34	1600	
K-06-0022	C214508	172.3	174	GSCH	non-mineralized	P-AML	<0.01	<0.5	19	107	7.06	16	900	2	<2	2.99	0.5		12	66		45	3.86			2.13			1.57	734	8	0.44	37	1300	
K-06-0022	C214509	174	176	GSCH	non-mineralized	P-AML	0.01	3	47	4990	6.71	39	770	2	<2	1.54	59.2		16	63		93	3.65			2.24			1.18	1010	9	0.2	48	980	
K-06-0022	C214510	176	177	GSCH	non-mineralized	P-AML	0.01	6.6	59	439	6.35	38	580	1.7	<2	2.16	5.1		14	61		46	3.17			2.67			1.04	1105	3	0.07	37	1150	
K-06-0022	C214511	177	178.6	GSCH	non-mineralized	P-AML	0.01	3.9	86	1515	6.52	44	760	1.8	2	2.56	17.8		13	61		37	3.6			2.42			1.03	1665	7	0.16	38	1190	
K-06-0022	C214513	178.6	180	GSCH	non-mineralized	P-AML	<0.01	1.2	46	231	6.7	56	580	1.9	3	1.36	2.5		18	76		107	3.84			2.42			1.02	1800	17	0.2	54	700	
K-06-0022	C214514	180	182	GSCH	non-mineralized	N-AML	<0.01	5.9	101	262	5.87	74	520	1.7	2	1.56	3.2		19	71		120	3.43			2.19			0.8	2850	13	0.16	52	570	
K-06-0022	C214532	210.7	212	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	52	5.77	<5	1600	1.5	3	2.1	0.6		8	50		19	2.47			1.78			1.51	316	3	2.87	24	1760	
K-06-0022	C214533	212	214	QTZT	mineralized	P-AML	<0.01	<0.5	<2	44	5.89	<5	2000	1.4	3	2.26	0.6		10	49		24	2.61			1.76			1.69	359	2	3.03	24	1680	
K-06-0022	C214534	214	216.84	QTZT	mineralized	P-AML	<0.01	<0.5	<2	50	5.55	6	1880	1.5	3	2.45	0.6		8	47		20	2.55			1.41			1.79	378	2	3.11	23	1490	
K-07-0114	E768716	8.53	10.5	QTZT	non-mineralized	N-AML	0.03	2.9	178	436	0.76	44	110	<0.5	<2	0.07	4.7		4	31		5	0.94	<10		0.24	10		0.02	896	1	0.02	7	180	
K-07-0114	E768717	10.5	12.5	QTZT	non-mineralized	N-AML	0.01	2.6	30	286	1.89	49	180	<0.5	<2	0.06	3		5	51		14	1.44	<10		0.44	10		0.09	578	1	0.05	14	190	
K-07-0114	E768719	12.5	14.5	QTZT	non-mineralized	N-AML	0.02	2.8	33	426	2.6	110	310	0.6	<2	0.05	3.6		7	57		9	1.55	<10		0.74	10		0.07	542	<1	0.06	14	280	
K-07-0114	E768740	53.07	54.85	SCH	non-mineralized	N-AML	0.01	0.6	61	1085	3.69	16	660	0.9	2	0.06	12.4		13	62		13	2.66	10		1.13	20		0.11	3250	<1	0.08	42	630	
K-07-0114	E768741	54.85	56.92	SCH	non-mineralized	N-AML	0.03	<0.5	15	116	7.25	25	990	1.7	2	0.09	0.5		6	101		16	3.55	20		1.52	20		0.29	203	1	0.18	35	520	
K-07-0114	E768720	14.5	17.68	QTZT	non-mineralized	N-AML	0.03	5.3	319	417	0.6	113	100	<0.5	<2	0.01	3.9		1	33		5	1.17	<10		0.2	<10		0.01	542	<1	0.01	5	130	
K-07-0114	E768721	17.68	20.73	QTZT	non-mineralized	N-AML	0.03	14.8	1495	3940	3.62	558	380	<0.5	<2	0.03	48.7		10	79		26	6.34	10		0.92	10		0.59	12250	1	0.06	53	390	
K-07-0114	E768722	20.73	23.77	QTZT	non-mineralized	N-AML	0.03	10.8	423	1230	1.8	91	250	<0.5	<2	0.03	13.8		7	45		6	1.51	<10		0.59	10		0.05	2680	<1	0.06	11	230	
K-07-0114	E768723	23.77	26.82	QTZT	non-mineralized	N-AML	<0.01	4.8	273	1210	0.47	54	90	<0.5	<2	0.01	24.4		1	25		2	2.09	<10		0.15	<10		<0.01	5870	<1	0.01	4	170	
K-07-0114	E768747	63.24	65.25	SCH	non-mineralized	N-AML	0.01	<0.5	12	110	6.13	25	860	1.7	<2	0.16	<0.5		12	86		22	2.98	10		1.18	30		0.17	177	2	0.18	48	580	
K-07-0114	E768748	65.25	67.25	SCH	non-mineralized	N-AML	<0.01	<0.5	15	84	5	16	680	1.4	<2	0.17	<0.5		8	74		15	2.37	10		1.03	30		0.12	194	<1	0.21	32	490	
K-07-0114	E768750	67.25	69.25	SCH	non-mineralized	N-AML	0.01	<0.5	9	88	5.28	<5	700	1.4	<2	0.16	0.5		9	77		14	2.52	10		1.02	30		0.15	247	<1	0.21	35	530	
K-07-0114	E768751	69.25	71.25	SCH	non-mineralized	N-AML	0.01	<0.5	22	144	8.12	18	1190	2.4	<2	0.24	<0.5		14	110		32	4.23	20		1.67	30		0.33	217	1	0.25	64	740	
K-07-0114	E768752	71.25	73.25	SCH	non-mineralized	N-AML	<0.01	<0.5	17	122	9.78	<5	1270	2.7	<2	0.5	<0.5		12	109		14	4.48	20		1.95	30		0.54	250	<1	0.29	55	830	
K-07-0114	E768753	73.25	75.19	SCH	non-mineralized	N-AML	<0.01	<0.5	31	132	9.09	5	1210	2.6	<2	0.42	<0.5		13	107		36	4.43	20		1.98	30		0.52	216	<1	0.32	54	890	
K-07-0114	E768725	26.82	28.8	QTZT	non-mineralized	N-AML	<0.01	2.3	433	441	0.54	36	110	<0.5	<2	0.04	4.5		2	27		2	0.74	<10		0.19	10		0.03	1175	<1	0.01	<1	90	
K-07-0114	E768726	28.8	30.8	QTZT	non-mineralized	N-AML	0.01	3.9	241	555	0.4	97	80	<0.5	<2	0.03	7.7		2	31		4	0.57	<10		0.14	10		0.02	1200	<1	0.01	2	80	
K-07-0114	E768727	30.8	32.8	QTZT	non-mineralized	N-AML	0.02	5.4	479	1480	2.22	56	400	0.6	2	0.03	15.6		5	48		11	1.94	<10		0.79	10		0.03	3830	1	0.05	13	360	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-07-0114	E768728	32.8	34.8	QTZT	non-mineralized	N-AML	<0.01	1.7	153	581	2.46	23	590	0.6	3	0.03	4.4		6	48		6	1.12	10		0.83	20		0.04	1095	1	0.08	16	280	
K-07-0114	E768730	34.8	36.8	QTZT	non-mineralized	N-AML	<0.01	1.8	81	428	3.81	26	610	0.9	<2	0.04	2.8		6	68		12	1.49	10		1.25	20		0.08	744	2	0.08	18	330	
K-07-0114	E768731	36.8	38.8	QTZT	non-mineralized	N-AML	0.01	5.4	336	1225	2.35	57	480	0.6	<2	0.02	20.1		4	50		13	2.5	<10		0.82	10		0.04	4730	1	0.04	10	320	
K-07-0114	E768732	38.8	40.8	QTZT	non-mineralized	N-AML	0.01	15	1115	4010	3.55	87	720	0.9	4	0.04	67.5		7	62		25	5.79	<10		1.22	20		0.05	18150	2	0.05	30	560	
K-07-0114	E768734	40.8	42.8	QTZT	non-mineralized	N-AML	0.01	6	324	1530	0.76	43	130	<0.5	2	0.02	23.3		3	29		5	1.9	<10		0.27	10		0.01	4960	1	0.01	8	170	
K-07-0114	E768735	42.8	44.8	QTZT	non-mineralized	N-AML	<0.01	0.5	66	422	0.44	16	90	<0.5	<2	0.01	9.1		2	28		1	0.7	<10		0.15	<10		0.01	1610	<1	0.01	6	60	
K-07-0114	E768736	44.8	46.8	QTZT	non-mineralized	N-AML	<0.01	1	164	805	0.74	25	130	<0.5	<2	0.01	10		5	26		<1	0.9	<10		0.26	10		0.01	3340	1	0.01	11	110	
K-07-0114	E768737	46.8	48.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	35	1280	0.37	46	100	<0.5	<2	0.005	20.8		3	29		3	3.16	<10		0.13	<10		<0.01	10750	<1	0.01	13	80	
K-07-0114	E768738	48.8	50.8	QTZT	non-mineralized	N-AML	<0.01	2.2	87	905	0.45	73	150	<0.5	<2	0.005	14.8		3	38		4	1.95	<10		0.14	10		0.01	5310	<1	0.01	9	90	
K-07-0114	E768739	50.8	53.07	QTZT	non-mineralized	N-AML	0.01	1.2	141	359	0.38	<5	110	<0.5	2	0.005	5.4		2	33		4	1.07	<10		0.13	<10		0.01	1945	<1	0.01	6	70	
K-07-0114	E768742	56.92	58.9	QTZT	non-mineralized	N-AML	0.01	0.5	28	122	0.63	8	110	<0.5	<2	4.64	1.3		2	25		5	2.43	<10		0.16	<10		1.17	734	<1	0.02	11	580	
K-07-0114	E768744	58.9	60.9	QTZT	non-mineralized	N-AML	0.03	<0.5	8	30	0.71	<5	120	<0.5	2	0.11	<0.5		1	36		6	0.51	<10		0.17	10		0.03	64	<1	0.03	6	110	
K-07-0114	E768745	60.9	61.9	QTZT	non-mineralized	N-AML	0.01	<0.5	2	15	0.4	5	80	<0.5	<2	0.06	<0.5		1	23		1	0.45	<10		0.11	<10		0.02	45	<1	0.01	5	70	
K-07-0114	E768746	61.9	63.24	QTZT	non-mineralized	N-AML	0.01	<0.5	2	31	0.4	5	170	<0.5	<2	2.6	<0.5		2	26		4	0.7	<10		0.11	<10		0.14	223	<1	0.01	6	310	
K-07-0114	E768754	75.19	77.2	QTZT	non-mineralized	P-AML	<0.01	<0.5	8	33	3.25	5	500	0.9	<2	0.09	<0.5		1	48		12	1.52	10		0.82	20		0.18	68	1	0.14	13	260	
K-07-0114	E768755	77.2	79.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	40	4.56	9	690	1.2	<2	0.12	<0.5		<1	71		11	1.78	10		1.15	20		0.16	79	<1	0.17	15	670	
K-07-0114	E768756	79.2	81.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	17	36	0.39	<5	70	<0.5	<2	0.03	<0.5		1	28		3	0.37	<10		0.13	10		0.01	24	<1	0.01	3	140	
K-07-0114	E768757	81.2	83.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	28	0.37	<5	60	<0.5	<2	0.04	<0.5		<1	32		4	0.43	<10		0.11	10		0.02	52	1	0.01	4	140	
K-07-0114	E768759	83.2	85.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	25	0.32	<5	50	<0.5	<2	0.05	<0.5		1	30		3	0.41	<10		0.09	10		0.02	115	1	0.01	3	140	
K-07-0114	E768760	85.2	87.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	14	72	0.74	<5	120	<0.5	<2	0.08	<0.5		<1	38		5	0.57	<10		0.24	10		0.03	120	<1	0.02	5	190	
K-07-0114	E768761	87.2	89.2	QTZT	non-mineralized	N-AML	<0.01	0.5	19	92	1.08	<5	140	<0.5	<2	0.1	1.1		3	38		6	0.91	<10		0.22	10		0.05	158	1	0.03	12	210	
K-07-0114	E768762	89.2	91.2	QTZT	non-mineralized	N-AML	<0.01	0.6	25	100	3.24	7	450	0.9	<2	0.08	1.3		5	66		13	1.45	10		0.76	20		0.1	175	1	0.11	20	350	
K-07-0114	E768763	91.2	92.92	QTZT	non-mineralized	N-AML	<0.01	1.4	577	407	0.35	10	70	<0.5	<2	1.49	8.2		3	38		3	0.69	<10		0.12	<10		0.02	1180	<1	0.01	4	150	
K-07-0114	E768764	92.92	94.92	QTZT	non-mineralized	N-AML	<0.01	<0.5	28	88	0.32	<5	60	<0.5	<2	0.15	0.9		<1	29		3	0.46	<10		0.1	<10		0.02	468	1	<0.01	2	130	
K-07-0114	E768765	94.92	96.93	QTZT	non-mineralized	N-AML	<0.01	0.6	64	159	0.57	10	90	<0.5	<2	0.08	2.4		3	45		3	0.56	<10		0.18	10		0.03	521	1	0.01	4	150	
K-07-0114	E768767	96.93	98.81	QTZT	non-mineralized	P-AML	<0.01	1	19	85	5.46	<5	780	1.9	<2	0.5	1		4	87		41	2	10		1.5	20		0.27	94	<1	0.13	28	730	
K-07-0114	E768768	98.81	100.81	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	31	1.42	6	180	<0.5	<2	0.18	<0.5		1	57		5	1.1	<10		0.31	10		0.09	97	<1	0.04	7	350	
K-07-0114	E768769	100.81	102.81	QTZT	non-mineralized	N-AML	0.02	<0.5	3	24	1.1	<5	170	<0.5	<2	0.1	<0.5		1	45		6	0.57	<10		0.29	10		0.04	76	1	0.05	5	190	
K-07-0114	E768770	102.81	104.81	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	34	0.68	<5	110	<0.5	<2	0.04	<0.5		1	40		3	0.54	<10		0.18	10		0.03	53	<1	0.02	5	200	
K-07-0114	E768771	104.81	106.79	QTZT	mineralized	P-AML	<0.01	<0.5	<2	31	0.33	5	50	<0.5	<2	0.16	<0.5		<1	34		2	0.44	<10		0.09	<10		0.04	73	<1	0.01	2	150	
K-07-0114	E768773	106.79	108.8	QTZT	non-mineralized	N-AML	<0.01	0.5	10	110	0.84	5	110	<0.5	<2	0.28	0.5		3	46		20	0.78	<10		0.18	10		0.11	112	<1	0.02	14	250	
K-07-0114	E768774	108.8	110.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	64	2.71	9	390	0.7	<2	0.51	0.6		3	62		8	1.46	10		0.55	10		0.17	128	1	0.08	17	260	
K-07-0114	E768775	110.8	112.83	QTZT	non-mineralized	N-AML	0.01	<0.5	4	17	0.83	<5	110	<0.5	<2	0.46	<0.5		1	42		3	0.74	<10		0.17	10		0.1	65	1	0.02	5	170	
K-07-0114	E768776	112.83	114.92	QTZT	mineralized	P-AML	<0.01	<0.5	<2	14	0.34	6	60	<0.5	<2	0.16	<0.5		<1	31		1	0.31	<10		0.1	<10		0.03	40	<1	0.01	2	120	
K-07-0114	E768778	114.92	116.9	QTZT	non-mineralized	N-AML	<0.01	0.5	4	53	1.82	5	260	0.5	<2	0.77	0.5		2	53		10	0.89	<10		0.48	10		0.11	104	1	0.05	12	350	
K-07-0114	E768779	116.9	118.9	QTZT	non-mineralized	P-AML	<0.01	0.5	7	48	2	8	280	0.6	<2	0.33	<0.5		2	59		6	1.1	<10		0.5	10		0.11	112	<1	0.05	11	400	
K-07-0114	E768780	118.9	120.9	QTZT	non-mineralized	P-AML	<0.01	<0.5	6	52	1.58	<5	240	<0.5	<2	0.33	<0.5		3	47		6	0.76	<10		0.45	10		0.07	108	<1	0.04	11	290	
K-07-0114	E768781	120.9	122.31	QTZT	non-mineralized	P-AML	<0.01	<0.5	9	45	0.71	5	110	<0.5	<2	0.1	<0.5		2	43		7	0.7	<10		0.21	10		0.04	57	<1	0.04	8	330	
K-07-0114	E768782	122.31	124.36	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	52	0.36	<5	70	<0.5	<2	0.04	<0.5		1	31		2	0.28	<10		0.12	<10		0.02	127	<1	0.01	2	170	
K-07-0114	E768784	124.36	126.32	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	44	0.36	<5	60	<0.5	<2	0.03	0.5		<1	34		1	0.26	<10		0.12	<10		0.02	111	<1	0.01	1	110	
K-07-0114	E768785	126.32	128.32	QTZT	non-mineralized	N-AML	<0.01	1.4	57	169	0.31	17	50	<0.5	<2	0.03	2.4		2	26		2	0.43	<10		0.11	10		0.01	461	<1	0.01	2	130	
K-07-0114	E768786	128.32	129.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	107	0.39	<5	60	<0.5	<2	0.06	0.6		2	27		1	0.28	<10		0.15	10		0.02	250	<1	0.01	3	170	
K-07-0114	E768787	129.8	131.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	50	0.34	<5	60	<0.5	<2	0.05	<0.5		1	37		1	0.25	<10		0.13	10		0.02	125	<1	0.01	2	150	
K-07-0114	E768788	131.7	133.7	QTZT	non-mineralized	P-AML	<0.01	2.2	39	229	1.63	13	270	<0.5	<2	0.47	2.9		1	77		8	0.83	<10		0.6	10		0.04	99	<1	0.04	7	2160	
K-07-0114	E768790	133.7	135.07	QTZT	non-mineralized	N-AML	0.01	<0.5	39	82	0.46	<5	80	<0.5	<2	0.05	1		2	35		6	0.48	<10		0.17	<10		0.02	146	<1	0.01	5	190	
K-07-0114	E768791	135.07	137.07	QTZT	non-mineralized	N-AML	<0.01	<0.5	22	44	0.32	<5	60	<0.5	<2	0.04	<0.5		<1	24		3	0.29	<10		0.12	<10		0.01	50	<1	0.01	1	190	
K-07-0114	E768792	137.07	139.07	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	26	0.31	6	60	<0.5	<2	0.03	<0.5		<1	28		1	0.31	<10		0.11	<10		0.01	37	<1	0.01	<1	140	
K-07-0114	E768793	139.07	140.92	QTZT	non-mineralized	N-AML	<0.01	0.5	45	169	0.35	<5	40	<0.5	<2	0.49	1.9		1	27		7	1.3	<10		0.1	<10		0.19	363	<1	0.01	7	200	
K-07-0114	E768794	140.92	142.85	GSCH	non-mineralized	N-AML	<0.01	<0.5	10	81	5.04	13	620	1.3	<2	1.02	<0.5		10	66		18	2.86	10		1.2	20		0.53	345	<1	0.2	37	540	
K-07-0114	E768795	142.85	144.86	GSCH	non-mineralized	N-AML	<0.01	<0.5	13	77	4.4	15	460	1	<2	1.63	<0.5		8	61		35	3.87	10		0.71	20		0.76	305	<1	0.12	35	920	
K-07-0114	E768797	144.86	146.92	GSCH	non-mineralized	P-AML	<0.01	<0.5	11	109	8.48	19	1080	2.3	<2	0.62	<0.5		17	106		24	4.52	20		1.53	30		0.56	225	<1	0.26	55	860	
K-07-0114	E768798	146.92	148.95	GSCH	non-mineralized	P-AML	<0.01	<0.5	18	121	8.68	15	1160	2.3	<2	0.81	<0.5		19	111		24	5.66	20		1.77	30		0.65	289	<1	0.27	56	970	
K-07-0114	E768799	148.95	150.88	GSCH	non-mineralized	N-AML	0.01	<0.5	5	44	3.36	6	570	0.9	<2	0.44	<0.5		7	64		10	1.56	10		0.7	10		0.2	118	<1	0.1	23	330	
K-07-0114	E768800	150.88	152.88	QTZT	non-mineralized	N-AML	0.01	<0.5	4	11	0.55	<5	100	<0.5	<2	4.7	<0.5		<1	25		3	1.58	<10		0.14	<10		1.71	281	<1	0.04	1	300	
K-07-0114	E768801	152.88	154.82	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	12	0.55	7	100	<0.5	<2	5.85	<0.5		2	25		4	1.9	<10		0.14	<10		2.11	345	<1	0.04	2	350	
K-07-0114	E768802	154.82	156.82	QTZT	non-mineralized	P-AML	<0.01	<0.5	13	71	4.07	9	600	1.1	<2	0.52	0.6		8	65		26	2.27	10		0.77	10		0.33	120	1	0.1	37	390	
K-07-0114	E768804	156.82	158.82	QTZT	non-mineralized	N-AML	0.01	1.6	21	80	7.09	<5	860	1.5	<2	1.44	0.6		13	77		45	3.75	20		1.11	20		0.77	298	2	0.17	41	710	
K-07-0114	E768805	158.82	160.79	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	47	3.96	<5	430	0.8	<2	1.06	0.5		7	66		13	3	10		0.55	10		0.49	182	<1	0.08	26	490	
K-07-0114	E768806	160.79	162.8	QTZT	non-mineralized	P-AML	0.01	0.6	13	44	5.32	5	790	1.5	<2	0.49	<0.5		8	82		14	2.15	10		1.01	20		0.3	117	<1	0.18	31	530	
K-07-0114	E768807	162.8	164.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	37	2.46	<5	310	0.6	2	0.81	0.5		5	58		10	1.87	10		0.39	10		0.36	146	<1	0.06	13	230	
K-07-0114	E768808	164.8	166.84	QTZT	non-mineralized	P-AML	<0.01	0.9	19	76	6.34	11	250	1.6	<2	1.23	<0.5		9	87		40	3.9	20		1.16	10		0.69	249	3	0.14	49	820	
K-07-0114	E768809	166.84	168.86	QTZT	non-mineralized	N-AML	0.03	0.6	24	87	9.99	9	1570	2.5	<2	0.85	0.5		11	138		26	3.43	20		1.94	20		0.61	208	<1	0.28	46	750	
K-07-0114	E768810	168.86	170.83	QTZT	non-mineralized	N-AML	<0.01	0.5	14	73	7.63	<5	1090	1.9	2	0.76	0.7		10	111		19	2.82	20		1.31	20		0.52	167	<1	0.22	38	580	
K-07-0114	E768811	170.83	173.13	QTZT	non-mineralized	N-AML	0.01	<0.5	11	30	3.45	5	410	0.9	<2	0.99	<0.5		4	71		9	2.3	10		0.54	10		0.36	154	<1	0.11	18	630	
K-07-0114	E768812	173.13	175.13	QTZT	non-mineralized	P-AML	<0.01	<0.5	11	35	2.18	<5	220	0.5	<2	0.38	<0.5		5	56		9	1.45	<10		0.33	10		0.18	106	<1	0.06	17	300	
K-07-0114	E768814	175.13	177.13	QTZT	non-mineralized	P-AML	<0.01	0.5	15	40	4.34	16	530	1.1	<2	0.68	<0.5		8	81		15	2.45	10		0.76	10		0.32	157	1	0.12	29	470	
K-07-0114	E768815	177.13	179.12	GSCH	non-mineralized	P-AML	0.01	0.8	27	77	6.22	20	390	1.8	<2	0.63	0.5		12	99		24	3.2	10		1.17	20		0.4	159	<1	0.16	49	560	
K-07-0114	E768816	179.12	181.12	GSCH	non-mineralized	P-AML	0.04	<0.5	9	25	3.44	89	490	0.7	<2	0.64	<0.5		5	60		11	1.9	10		0.76	10		0.32	177	<1	0.08	19	300	
K-07-0114	E768817	181.12	183.11	GSCH	non-mineralized	P-AML	<0.01	<0.5	21	68	5.45	23	630	1.4	<2	0.61	0.8		10	84		19	2.84	10		1.04	20		0.35	153	<1	0.13	35	470	
K-07-0114	E768818	183.11	185.11	GSCH	non-mineralized	P-AML	<0.01	0.5	15	60	4.82	14	620	1.2	3	0.7	<0.5		9	82		16	2.48	10		0.8	20		0.4	165	<1	0.11	31	420	
K-07-0114	E768820	185.11	187.22	GSCH	non-mineralized	P-AML	0.03	<0.5	6	20	2.3	119	320	0.6	2	0.58	0.5		5	70		9	1.67	10		0.51	10		0.26	137	<1	0.06	16	270	
K-07-0114	E768821	187.22	188.57	GSCH	non-mineralized	N-AML	0.02	<5	9	14	0.79	13	140	<0.5	<2	5.78	<0.5		2	28		4	1.36	<10		0.22	10		0.89	385	<1	0.03	6	710	
K-07-0114	E768823	188.57	189.41	GSCH	non-mineralized	N-AML	0.03	<5	23	33	0.87	32	160	<0.5	<2	1.17	<0.5		1	40		8	1.22	<10		0.27	10		0.39	305	1	0.03	8	280	
K-07-0114	E768824	189.41	191.41	GSCH	non-mineralized	P-AML	0.02	<5	44	21	0.79	13	140	<0.5	<2	0.37	<0.5		2	48		6	0.83	<10		0.2	10		0.07	62	1	0.03	9	250	
K-07-0114	E768825	191.41	192.85	GSCH	non-mineralized	P-AML	0.03	<5	29	100	7.76	48	430	2.7	<2	0.79	0.8		11	133		21	3.03	20		1.85	20		0.31	70	1	0.26	57	770	
K-07-0114	E768826	192.85	193.47	GSCH	non-mineralized	P-AML	0.04	<5	15	60	6.49	50	200	1.9	<2	1.12	0.6		8	103		20	2.51	20		1.87	20		0.36	109	1	0.2	44	870	
K-07-0114	E768827	193.47	194.58	GSCH	non-mineralized	N-AML	0.04	<5	16	13	0.65	229	130	<0.5	<2	0.24	<0.5		1	33		2	0.59	<10		0.2	<10		0.09	442	<1	0.02	7	130	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-07-0114	E768828	194.58	195.35	GSCH	non-mineralized	P-AML	0.04	<5	39	36	1.41	369	290	0.5	<2	0.11	<0.5		3	44		4	1.02	<10		0.41	10		0.04	940	<1	0.04	11	250	
K-07-0114	E768829	195.35	195.77	GSCH	non-mineralized	P-AML	0.06	27	2510	4020	6.12	64	350	1.9	<2	0.4	46.8		10	102		21	3.72	20		1.74	20		0.47	3170	2	0.13	46	890	
K-07-0114	E768830	195.77	195.97	GSCH	mineralized	P-AML	0.69	2260	139500	14900	0.72	21	160	<0.5	<2	0.14	260		4	26		4090	3.82	<10		0.24	10		0.21	14500	<1	0.02	13	190	
K-07-0114	E768831	195.97	196.49	GSCH	mineralized	P-AML	<0.01	35618	69500	5810	0.3	<5	60	<0.5	3	0.18	179.5		3	13		5790	8.93	<10		0.1	<10		0.31	40000	<1	0.01	11	110	
K-07-0114	E768832	196.49	196.89	GSCH	mineralized	P-AML	0.21	1230	18200	23000	0.19	7	30	<0.5	2	0.88	279		4	7		550	12.4	<10		0.05	<10		0.84	54400	<1	0.01	14	60	
K-07-0114	E768834	196.89	197.17	GSCH	mineralized	P-AML	0.04	21	826	57300	0.76	16	90	<0.5	2	1.43	658		3	18		53	5.35	<10		0.19	10		0.66	20400	<1	0.02	14	90	
K-07-0114	E768835	197.17	197.77	GSCH	non-mineralized	P-AML	0.01	<5	65	399	5.6	17	940	1.4	<2	0.4	4.2		8	101		17	2.06	10		1.54	30		0.29	879	<1	0.18	33	810	
K-07-0114	E768856	223.19	225.17	CHSCH	non-mineralized	N-AML	<0.01	<0.5	8	102	7.14	<5	60	0.5	<2	6.93	<0.5		41	74		219	9.37	20		0.03	<10		3.48	1520	<1	0.08	64	780	
K-07-0114	E768857	225.17	227.17	CHSCH	non-mineralized	N-AML	0.02	<0.5	10	114	7.5	<5	20	0.6	3	6.68	<0.5		47	78		258	9.69	20		0.01	<10		3.42	1585	<1	0.07	68	830	
K-07-0114	E768858	227.17	228.67	CHSCH	non-mineralized	N-AML	0.01	<0.5	5	98	6.64	<5	450	0.6	<2	5.35	<0.5		36	69		217	8.31	20		0.33	<10		2.48	1180	<1	0.13	60	800	
K-07-0114	E768836	197.77	199.12	QTZT	non-mineralized	N-AML	<0.01	<5	22	55	1.25	6	150	<0.5	<2	0.86	0.5		3	38		6	1.26	<10		0.3	10		0.36	257	<1	0.03	13	360	
K-07-0114	E768837	199.12	199.99	QTZT	non-mineralized	N-AML	<0.01	8	60	157	2.6	14	430	0.6	<2	1.05	1.5		4	57		14	1.55	10		0.82	10		0.31	545	1	0.05	21	510	
K-07-0114	E768838	199.99	200.56	QTZT	non-mineralized	N-AML	<0.01	<5	25	61	1.51	6	270	<0.5	<2	2.38	0.7		3	38		7	1.13	<10		0.46	10		0.31	366	<1	0.03	15	380	
K-07-0114	E768840	200.56	201.6	QTZT	non-mineralized	N-AML	0.02	<5	60	233	2.87	17	600	0.7	<2	1.14	2.9		5	64		11	1.29	10		0.9	20		0.26	882	<1	0.08	20	500	
K-07-0114	E768841	201.6	202.9	QTZT	non-mineralized	N-AML	0.01	1.2	178	1290	1.87	11	350	<0.5	<2	1.64	14.8		2	40		7	1.64	<10		0.67	10		0.38	2910	<1	0.06	18	420	
K-07-0114	E768866	238.2	240.23	CQTZT	non-mineralized	N-AML	0.01	<0.5	13	50	2.03	<5	390	<0.5	<2	3.04	<0.5		5	47		10	1.66	<10		0.48	10		0.26	337	<1	0.1	13	400	
K-07-0114	E768867	240.23	242.23	CQTZT	non-mineralized	N-AML	<0.01	0.5	26	52	3.31	11	700	0.9	<2	1.26	<0.5		3	70		13	1.77	10		0.77	20		0.24	105	<1	0.25	21	540	
K-07-0114	E768868	242.23	244.23	CQTZT	non-mineralized	N-AML	<0.01	<0.5	7	33	1.69	<5	370	<0.5	<2	1.71	<0.5		3	45		6	1.25	<10		0.41	10		0.18	88	1	0.12	12	440	
K-07-0114	E768843	202.9	203.61	QTZT	non-mineralized	N-AML	0.01	1.7	75	999	1.31	7	250	<0.5	2	1.94	11.9		3	34		17	1.98	<10		0.45	10		0.48	3180	2	0.04	14	320	
K-07-0114	E768844	203.61	204.08	QTZT	non-mineralized	N-AML	0.01	1.2	228	2160	0.63	8	100	<0.5	<2	0.95	28.2		1	24		5	2.41	<10		0.22	10		0.27	8210	<1	0.02	11	180	
K-07-0114	E768845	204.08	206.06	QTZT	non-mineralized	N-AML	0.01	<0.5	109	321	0.29	6	50	<0.5	<2	0.1	3.6		<1	30		4	0.66	<10		0.1	10		0.06	1650	<1	0.01	5	100	
K-07-0114	E768846	206.06	208.05	QTZT	non-mineralized	N-AML	0.01	<0.5	63	227	0.33	<5	60	<0.5	<2	2.39	2.4		<1	24		3	1.36	<10		0.11	<10		0.82	1675	<1	0.01	2	120	
K-07-0114	E768847	208.05	210.05	QTZT	non-mineralized	P-AML	<0.01	0.9	89	249	1.91	<5	290	0.5	2	0.56	2.4		2	47		8	1.2	<10		0.56	10		0.21	829	<1	0.12	16	620	
K-07-0114	E768848	210.05	211.94	QTZT	non-mineralized	N-AML	<0.01	0.5	130	430	0.46	<5	80	<0.5	<2	0.57	5.1		<1	26		2	0.57	<10		0.17	10		0.2	693	<1	0.02	3	190	
K-07-0114	E768849	211.94	214	QTZT	non-mineralized	N-AML	<0.01	0.5	99	218	0.31	<5	60	<0.5	<2	1.7	2.3		<1	22		2	1.58	<10		0.11	<10		0.64	3140	<1	0.01	3	180	
K-07-0114	E768851	214	215.05	QTZT	non-mineralized	P-AML	0.04	1.1	84	237	2.06	7	310	0.5	<2	0.29	2.6		2	46		8	0.74	10		0.64	10		0.1	672	1	0.13	13	360	
K-07-0114	E768852	215.05	217.15	QTZT	non-mineralized	N-AML	0.01	0.7	45	169	0.61	<5	100	<0.5	<2	0.41	1.8		1	26		5	0.6	<10		0.21	10		0.09	794	<1	0.03	10	180	
K-07-0114	E768853	217.15	219.15	QTZT	non-mineralized	N-AML	<0.01	<0.5	22	124	1.76	<5	270	<0.5	<2	0.63	1.3		2	42		7	0.67	<10		0.52	10		0.1	412	<1	0.13	14	520	
K-07-0114	E768854	219.15	221.19	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	27	1.4	<5	240	<0.5	<2	0.71	<0.5		2	38		4	0.78	10		0.39	10		0.12	142	<1	0.09	12	300	
K-07-0114	E768855	221.19	223.19	QTZT	non-mineralized	N-AML	0.02	<0.5	6	102	7.07	6	780	1.1	<2	5.3	<0.5		39	93		187	7.76	20		0.78	10		1.83	946	<1	0.37	63	860	
K-07-0114	E768860	228.67	230.67	QTZT	non-mineralized	N-AML	<0.01	<0.5	20	81	0.46	15	70	<0.5	<2	3.28	0.9		2	21		5	1.43	<10		0.09	<10		0.46	430	<1	0.04	6	130	
K-07-0114	E768861	230.67	232.67	QTZT	non-mineralized	N-AML	<0.01	<0.5	25	123	0.29	8	30	<0.5	<2	3	0.8		1	25		3	1.25	<10		0.07	<10		0.55	582	<1	0.01	<1	90	
K-07-0114	E768863	232.67	234.17	QTZT	non-mineralized	N-AML	<0.01	<0.5	24	37	0.35	6	30	<0.5	<2	1	<0.5		2	33		17	1.39	<10		0.06	<10		0.28	263	<1	0.01	2	140	
K-07-0114	E768864	234.17	236.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	15	54	0.44	<5	60	<0.5	<2	1.41	<0.5		<1	31		15	1.91	<10		0.08	<10		0.45	340	<1	0.01	<1	150	
K-07-0114	E768865	236.2	238.2	QTZT	non-mineralized	N-AML	<0.01	0.6	20	83	4.22	6	820	1.1	<2	1.51	<0.5		4	77		19	2.15	<10		1	20		0.33	206	1	0.26	28	650	
K-07-0114	E768869	244.23	246.23	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	26	1.6	9	300	<0.5	<2	3.73	<0.5		2	41		7	1.71	<10		0.41	10		0.54	222	1	0.12	10	580	
K-07-0114	E768871	246.23	248.24	QTZT	non-mineralized	P-AML	<0.01	<0.5	6	15	0.5	<5	110	<0.5	<2	0.48	<0.5		1	28		3	0.66	<10		0.15	<10		0.12	92	<1	0.02	5	360	
K-07-0114	E768872	248.24	250.24	QTZT	non-mineralized	P-AML	<0.01	<0.5	5	15	0.7	7	130	<0.5	<2	0.34	<0.5		1	30		5	0.66	<10		0.18	<10		0.09	73	1	0.05	8	410	
K-07-0114	E768873	250.24	252.24	QTZT	non-mineralized	N-AML	0.02	<0.5	7	68	2.03	11	340	0.6	<2	1.01	<0.5		<1	57		29	1.67	10		0.54	10		0.28	136	5	0.11	31	530	
K-07-0114	E768874	252.24	254.24	QTZT	mineralized	P-AML	<0.01	<0.5	<2	10	0.76	<5	130	<0.5	<2	0.3	<0.5		1	36		10	0.61	<10		0.2	10		0.11	70	1	0.03	6	80	
K-07-0114	E768875	254.24	256.24	QTZT	non-mineralized	P-AML	<0.01	<0.5	8	54	5.29	10	840	1.5	<2	0.48	<0.5		6	84		18	2.04	10		1.23	20		0.37	128	<1	0.27	30	380	
K-07-0114	E768876	256.24	258.24	QTZT	non-mineralized	P-AML	0.01	1.3	32	126	10.15	26	190	2.9	<2	1	0.6		17	153		46	4.39	20		2.46	50		0.54	151	2	0.66	75	1160	
K-07-0114	E768877	258.24	260.24	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	23	1.38	<5	250	<0.5	<2	1.56	<0.5		3	40		9	0.94	<10		0.32	10		0.12	119	<1	0.07	13	200	
K-07-0114	E768878	260.24	262.21	QTZT	non-mineralized	N-AML	<0.01	0.5	16	59	4.59	23	610	1.3	<2	4.07	<0.5		6	85		17	2.34	10		0.98	20		0.35	207	1	0.3	34	650	
K-07-0114	E768880	262.21	264.21	QTZT	non-mineralized	N-AML	<0.01	0.5	11	59	3.44	17	610	0.9	<2	2.3	<0.5		5	64		16	1.96	10		0.75	20		0.26	177	1	0.21	27	650	
K-07-0114	E768882	264.21	266.25	QTZT	non-mineralized	N-AML	0.01	0.8	8	14	1.11	<5	160	<0.5	<2	3.36	<0.5		1	38		11	1.14	<10		0.24	10		0.33	202	1	0.1	4	400	
K-07-0114	E768883	266.25	268.25	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	24	1.78	<5	260	0.5	<2	1.09	<0.5		3	34		8	1.35	<10		0.36	10		0.22	127	1	0.11	9	370	
K-07-0114	E768884	268.25	270.27	QTZT	non-mineralized	N-AML	0.01	<0.5	22	99	5.7	14	920	1.6	2	0.98	<0.5		12	94		33	2.72	10		1.19	20		0.5	160	1	0.25	47	480	
K-07-0114	E768885	270.27	272.26	QTZT	non-mineralized	P-AML	0.01	<0.5	35	95	6.59	17	1120	2.1	<2	0.72	<0.5		14	94		28	2.72	10		1.44	30		0.44	150	<1	0.27	47	520	
K-07-0114	E768886	272.26	274.29	QTZT	non-mineralized	N-AML	0.16	<0.5	30	96	7.25	12	1000	1.9	<2	1.23	<0.5		11	85		25	4.38	20		1.28	20		0.67	269	1	0.3	49	650	
K-07-0114	E768887	274.29	276.26	QTZT	non-mineralized	N-AML	0.02	<0.5	4	15	1.37	<5	230	<0.5	<2	0.28	<0.5		2	40		7	0.83	<10		0.28	10		0.12	63	1	0.07	8	130	
K-07-0114	E768888	276.26	278.18	QTZT	non-mineralized	N-AML	0.01	<0.5	12	68	5.14	14	910	1.4	<2	0.8	<0.5		8	81		28	2.18	10		1.16	20		0.41	188	2	0.21	34	420	
K-07-0114	E768889	278.18	280.09	QTZT	non-mineralized	N-AML	0.01	<0.5	10	66	6.04	<5	1010	1.6	<2	0.93	<0.5		5	87		22	2.66	10		1.23	30		0.46	171	1	0.21	31	540	
K-07-0114	E768890	280.09	281.59	QTZT	non-mineralized	N-AML	0.01	<0.5	4	23	1.21	<5	210	<0.5	<2	0.58	<0.5		2	35		5	0.81	<10		0.28	10		0.19	79	<1	0.04	6	220	
K-07-0114	E768892	281.59	282.85	QTZT	non-mineralized	N-AML	0.01	<0.5	12	66	5.43	14	940	1.4	<2	0.98	<0.5		5	84		13	2.26	10		1.26	20		0.43	170	<1	0.19	25	500	
K-07-0115	E768893	7.91	10.64	QTZT	non-mineralized	N-AML	0.01	6.3	818	2070	0.44	45	70	<0.5	<2	0.04	29.6		1	41		9	2.42	<10		0.13	<10		0.01	8240	1	0.01	5	230	
K-07-0115	E768894	10.64	12.14	QTZT	non-mineralized	N-AML	0.03	4.8	44	272	2.12	89	140	<0.5	<2	0.03	3.4		7	74		28	2.15	<10		0.33	10		0.11	571	<1	0.03	19	190	
K-07-0115	E768895	12.14	14.72	QTZT	non-mineralized	N-AML	0.04	8.9	268	633	4.11	131	340	0.6	<2	0.04	5.6		9	121		38	3.19	10		0.85	10		0.23	990	<1	0.05	25	330	
K-07-0115	E768896	14.72	17.57	QTZT	non-mineralized	N-AML	0.02	15.3	797	2330	3.13	173	260	0.6	<2	0.04	38.1		16	82		38	4.76	10		0.78	10		0.62	8900	1	0.05	50	390	
K-07-0115	E768897	17.57	19.56	QTZT	non-mineralized	N-AML	0.01	2	112	545	2.12	28	310	0.6	<2	0.09	4.8		4	59		11	1.43	10		0.55	10		0.08	1040	2	0.07	13	570	
K-07-0115	E768899	19.56	21.59	QTZT	non-mineralized	N-AML	<0.01	2	51	456	1.28	23	200	<0.5	<2	0.04	5		3	42		6	1.12	<10		0.39	10		0.04	676	1	0.04	7	290	
K-07-0115	E768900	21.59	23.57	QTZT	non-mineralized	N-AML	0.01	0.6	23	406	5.29	49	790	1.4	<2	0.11	3.5		5	103		15	2.45	10		1.39	20		0.2	357	1	0.16	23	720	
K-07-0115	E768901	23.57	25.57	QTZT	non-mineralized	N-AML	<0.01	2.6	46	474	5.87	57	680	1.4	<2	0.06	3.8		9	88		18	2.75	10		1.83	30		0.1	1360	2	0.13	39	570	
K-07-0115	E768902	25.57	27.56	QTZT	non-mineralized	N-AML	0.04	2.3	168	649	0.48	371	90	<0.5	<2	0.01	8.3		<1	31		4	1.81	<10		0.16	<10		0.01	2460	<1	0.01	3	90	
K-07-0115	E768903	27.56	29.56	QTZT	non-mineralized	N-AML	<0.01	0.9	126	178	0.43	57	80	<0.5	<2	0.01	2.4		<1	32		1	0.55	<10		0.14	10		0.01	391	<1	0.01	1	80	
K-07-0115	E768905	29.56	30.7	QTZT	non-mineralized	N-AML	<0.01	1.9	36	427	2.72	24	380	0.6	<2	0.08	1.8		5	54		21	2.46	10		0.7	20		0.11	506	1	0.05	20	630	
K-07-0115	E768906	30.7	32.7	QTZT	non-mineralized	N-AML	0.01	2.4	262	557	2.09	15	390	0.6	<2	0.04	4.9		3	45		10	1.33	10		0.64	10		0.04	1030	1	0.06	12	260	
K-07-0115	E768907	32.7	34.7	QTZT	non-mineralized	N-AML	<0.01	2	127	390	2.34	27	360	0.5	<2	0.19	4.1		3	51		9	1.52	10		0.72	10		0.04	1005	1	0.04	16	890	
K-07-0115	E768908	34.7	36.74	QTZT	non-mineralized	N-AML	<0.01	0.8	19	184	4.89	26	660	1.2	<2	0.05	1.1		5	88		14	1.8	10		1.57	30		0.1	456	1	0.09	19	390	
K-07-0115	E768909	36.74	38.76	QTZT	non-mineralized	N-AML	<0.01	1.1	493	551	0.7	11	100	<0.5	<2	0.29	8		3	43		3	1.24	<10		0.23	10		0.02	3110	<1	0.01	6	220	
K-07-0115	E768910	38.76	40.7	QTZT	non-mineralized	N-AML	<0.01	1.8	497	1380	2.5	14	370	0.7	<2	2.15	17.7		3	55		6	1.36	10		0.81	10		0.08	3830	<1	0.05	10	250	
K-07-0115	E768911	40.7	42.73	QTZT	non-mineralized	N-AML	<0.01	1.3	161	232	1.9	29	330	<0.5	<2	0.33	2.5		2	49		3	0.85	<10		0.62	10		0.04	1080	<1	0.04	9	180	
K-07-0115	E768912	42.73	44.76	QTZT	non-mineralized	N-AML	<0.01	0.7	75	238	0.34	16	60	<0.5	<2	0.02	3.8		2	44		2	0.62	<10		0.12	<10		0.01	789	1	0.01	11	60	
K-07-0115	E768914	44.76	46.76	QTZT	non-mineralized	N-AML	<0.01	0.7	136	437	0.41	15	70	<0.5	<2	0.02	6.2		2	31		2	0.78	<10		0.14	<10		0.01	1945	<1	0.01	5	70	
K-07-0115	E768915	46.76	48.16	QTZT	non-mineralized	N-AML	<0.01	<0.5	111	181	0.33	7	50	<0.5	<2	0.01	1.5		3	31		1	0.64	<10		0.11	<10		0.01	544	6	0.01	6	50	
K-07-0115	E768916	48.16	50.16	QTZT	non-mineralized	N-AML	<0.01	0.7	46	198	1.47	17	300	<0.5	2	0.04	2.3		3	41		6	0.82	<10		0.5	10		0.03	687	<1	0.03	10	250	
K-07-0115	E768917	50.16	51.21	QTZT	non-mineralized	N-AML	<0.01	0.8	25	324	1.95	26	370	<0.5	<2	0.13	2.4		7	42		12	1.46	10		0.61	10		0.06	756	<1	0.04	21	600	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-07-0115	E768918	51.21	53.24	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	76	1.67	<5	240	<0.5	<2	0.3	<0.5		6	46		6	1.27	<10		0.4	10		0.07	365	<1	0.03	16	280	
K-07-0115	E768919	53.24	55.23	QTZT	non-mineralized	N-AML	<0.01	0.5	10	101	4.24	13	530	0.9	<2	1.49	<0.5		7	69		13	2.65	10		0.84	20		0.27	282	1	0.08	31	770	
K-07-0115	E768921	55.23	57.23	QTZT	mineralized	P-AML	0.02	<0.5	<2	21	0.82	9	150	<0.5	2	0.11	<0.5		2	39		5	0.44	<10		0.19	10		0.02	61	<1	0.04	3	150	
K-07-0115	E768922	57.23	59.27	QTZT	mineralized	P-AML	0.02	<0.5	<2	15	0.26	<5	50	<0.5	<2	0.19	<0.5		1	31		3	0.31	<10		0.07	<10		0.03	68	<1	0.01	1	80	
K-07-0115	E768924	59.27	61.21	QTZT	non-mineralized	N-AML	0.02	<0.5	17	24	0.33	8	60	<0.5	<2	1.65	<0.5		<1	25		6	0.77	<10		0.08	<10		0.4	161	1	0.01	1	110	
K-07-0115	E768925	61.21	63.27	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	25	1.25	5	180	<0.5	<2	0.93	<0.5		1	42		6	0.71	10		0.22	10		0.05	124	<1	0.06	5	180	
K-07-0115	E768926	63.27	65.27	QTZT	non-mineralized	N-AML	0.02	<0.5	15	91	5.59	24	830	1.8	<2	0.46	<0.5		6	93		23	2.31	20		1.17	30		0.18	129	4	0.21	33	460	
K-07-0115	E768927	65.27	67.24	GSCH	non-mineralized	N-AML	0.02	<0.5	6	51	2.83	7	370	0.8	<2	0.45	<0.5		5	51		8	1.63	10		0.52	20		0.11	121	<1	0.11	15	330	
K-07-0115	E768928	67.24	69.26	GSCH	non-mineralized	N-AML	0.02	<0.5	14	113	5.77	20	860	1.5	<2	0.19	0.7		10	80		22	2.4	10		1.18	30		0.17	235	2	0.21	51	530	
K-07-0115	E768929	69.26	71.24	GSCH	non-mineralized	N-AML	0.02	<0.5	11	60	4.29	13	570	1.2	<2	2.1	<0.5		7	52		10	2.31	10		0.8	10		0.42	210	1	0.16	25	400	
K-07-0115	E768930	71.24	73.25	GSCH	non-mineralized	N-AML	0.01	<0.5	12	92	6.42	15	680	1.5	<2	0.7	<0.5		10	78		14	3.66	20		0.97	20		0.49	231	<1	0.18	39	620	
K-07-0115	E768932	73.25	75.24	GSCH	non-mineralized	P-AML	0.01	<0.5	26	151	10.85	29	1180	2.7	<2	0.24	<0.5		12	122		32	5.99	30		1.79	30		0.51	256	3	0.39	62	1030	
K-07-0115	E768933	75.24	77.21	GSCH	non-mineralized	N-AML	0.02	<0.5	14	56	1.97	10	260	0.6	<2	0.2	<0.5		3	45		15	1.86	<10		0.43	10		0.15	127	<1	0.08	14	430	
K-07-0115	E768934	77.21	79.26	QTZT	non-mineralized	N-AML	0.01	<0.5	8	33	0.23	7	40	<0.5	<2	0.06	<0.5		<1	32		3	0.38	<10		0.08	<10		0.02	84	<1	0.01	4	150	
K-07-0115	E768935	79.26	81.15	QTZT	non-mineralized	N-AML	0.02	<0.5	9	54	0.35	<5	60	<0.5	3	0.03	1		3	37		3	0.34	<10		0.12	10		0.01	222	<1	0.01	5	150	
K-07-0115	E768936	81.15	83.2	QTZT	non-mineralized	N-AML	0.01	<0.5	7	21	0.34	<5	60	<0.5	<2	0.06	<0.5		1	35		2	0.29	<10		0.11	<10		0.02	83	<1	0.01	3	140	
K-07-0115	E768937	83.2	85.2	QTZT	non-mineralized	N-AML	0.02	<0.5	4	10	0.33	<5	50	<0.5	<2	0.03	<0.5		<1	39		2	0.28	<10		0.1	<10		0.02	38	<1	0.01	3	130	
K-07-0115	E768938	85.2	87.17	QTZT	non-mineralized	N-AML	0.03	<0.5	9	17	1.18	5	160	<0.5	<2	0.1	<0.5		<1	44		4	0.54	<10		0.32	10		0.04	44	<1	0.04	6	230	
K-07-0115	E768940	87.17	89.27	QTZT	non-mineralized	N-AML	0.01	6.4	8	28	2.02	9	280	0.6	<2	0.2	<0.5		3	60		34	0.8	10		0.55	10		0.1	76	<1	0.09	9	220	
K-07-0115	E768942	89.27	91.27	QTZT	non-mineralized	N-AML	<0.01	1	2	28	0.47	<5	60	<0.5	4	0.13	0.6		2	35		9	0.61	<10		0.11	10		0.04	58	1	0.01	3	160	
K-07-0115	E768943	91.27	93.22	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	24	0.42	6	70	<0.5	<2	3.05	<0.5		1	28		5	0.47	<10		0.11	<10		0.06	127	1	0.01	2	150	
K-07-0115	E768944	93.22	95.24	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	22	0.55	<5	90	<0.5	3	0.32	<0.5		3	34		4	0.6	<10		0.17	10		0.04	104	1	0.02	3	170	
K-07-0115	E768945	95.24	97.28	QTZT	non-mineralized	N-AML	0.01	0.5	11	82	4.3	21	610	1	<2	0.76	0.6		6	91		19	2.42	10		1.08	20		0.34	121	1	0.13	32	1120	
K-07-0115	E768946	97.28	99.28	QTZT	mineralized	P-AML	<0.01	<0.5	<2	11	0.35	<5	70	<0.5	<2	3.69	<0.5		<1	25		2	1.08	<10		0.11	<10		0.8	245	<1	0.01	1	140	
K-07-0115	E768947	99.28	101.27	QTZT	non-mineralized	P-AML	0.18	<0.5	10	78	3.1	22	440	0.9	<2	0.23	<0.5		5	80		13	1.35	10		0.85	20		0.11	56	1	0.12	17	480	
K-07-0115	E768948	101.27	103.27	QTZT	non-mineralized	N-AML	0.01	<0.5	2	18	0.35	9	70	<0.5	<2	0.07	<0.5		1	28		2	0.33	<10		0.12	10		0.02	32	<1	0.01	<1	130	
K-07-0115	E768949	103.27	105.27	QTZT	non-mineralized	N-AML	0.03	<0.5	3	18	0.36	<5	60	<0.5	<2	0.12	<0.5		1	36		2	0.32	<10		0.12	10		0.02	57	<1	0.01	<1	150	
K-07-0115	E768951	105.27	107.24	QTZT	non-mineralized	N-AML	0.03	<0.5	6	61	2.02	13	360	0.5	2	0.13	0.5		2	56		12	0.87	<10		0.61	10		0.14	166	1	0.05	10	250	
K-07-0115	E768952	107.24	109.27	QTZT	non-mineralized	N-AML	0.02	<0.5	2	56	1.58	13	260	<0.5	2	0.11	0.7		2	42		8	0.98	<10		0.44	10		0.1	110	<1	0.04	10	310	
K-07-0115	E768953	109.27	111.28	QTZT	mineralized	P-AML	0.02	<0.5	<2	30	0.35	<5	70	<0.5	4	0.04	0.8		1	35		4	0.37	<10		0.11	<10		0.02	68	<1	0.01	3	130	
K-07-0115	E768954	111.28	113.28	QTZT	non-mineralized	N-AML	0.15	<0.5	4	28	0.78	9	180	<0.5	<2	0.15	0.5		2	36		7	0.67	<10		0.23	10		0.04	56	<1	0.03	9	210	
K-07-0115	E768955	113.28	115.32	QTZT	mineralized	P-AML	0.07	<0.5	<2	15	0.34	<5	70	<0.5	3	0.17	<0.5		2	43		3	0.4	<10		0.11	10		0.03	54	4	0.01	4	140	
K-07-0115	E768956	115.32	117.32	QTZT	mineralized	P-AML	0.03	<0.5	<2	8	0.39	<5	80	<0.5	2	0.19	<0.5		<1	28		3	0.39	<10		0.13	10		0.04	42	<1	0.01	3	130	
K-07-0115	E768958	117.32	119.23	QTZT	non-mineralized	N-AML	0.02	2.1	6	68	1.06	14	190	<0.5	<2	0.29	0.6		2	41		12	0.8	<10		0.32	10		0.08	123	1	0.04	9	290	
K-07-0115	E768959	119.23	121.04	QTZT	non-mineralized	N-AML	0.03	0.8	34	18	0.35	13	70	<0.5	<2	0.02	<0.5		<1	28		2	0.5	<10		0.13	10		0.02	33	<1	0.01	<1	30	
K-07-0115	E768960	121.04	123.09	QTZT	non-mineralized	N-AML	0.01	<0.5	16	141	0.71	56	110	<0.5	2	0.09	3.6		1	44		4	0.61	<10		0.23	10		0.03	413	1	0.03	6	220	
K-07-0115	E768961	123.09	125.1	QTZT	non-mineralized	N-AML	0.03	1.4	26	8	0.4	<5	80	<0.5	<2	0.01	<0.5		<1	22		2	0.29	<10		0.13	10		0.02	22	<1	0.01	3	30	
K-07-0115	E768962	125.1	127.1	QTZT	non-mineralized	N-AML	<0.01	0.6	73	78	0.45	9	160	<0.5	<2	0.03	1.3		1	30		3	0.53	<10		0.15	10		0.02	43	<1	0.01	1	150	
K-07-0115	E768963	127.1	129.09	QTZT	non-mineralized	N-AML	<0.01	<0.5	31	3	0.25	<5	50	<0.5	<2	0.06	0.7		<1	2		<1	0.46	<10		0.01	<10		0.02	308	<1	<0.01	<1	160	
K-07-0115	E768965	129.09	131.04	QTZT	non-mineralized	N-AML	<0.01	<0.5	15	46	0.36	<5	70	<0.5	<2	0.31	<0.5		<1	32		6	0.57	<10		0.12	<10		0.1	193	1	0.01	3	290	
K-07-0115	E768966	131.04	133.04	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	21	0.33	8	70	<0.5	<2	2.12	<0.5		<1	28		3	1.21	<10		0.1	<10		0.74	243	<1	0.01	1	340	
K-07-0115	E768967	133.04	135.04	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	13	0.34	<5	70	<0.5	<2	0.05	<0.5		1	31		3	0.3	<10		0.11	<10		0.02	31	<1	0.01	2	180	
K-07-0115	E768968	135.04	137.04	QTZT	mineralized	P-AML	<0.01	<0.5	<2	11	0.33	<5	70	<0.5	<2	0.04	<0.5		<1	27		2	0.28	<10		0.09	<10		0.02	34	<1	0.01	2	160	
K-07-0115	E768969	137.04	139.04	QTZT	non-mineralized	P-AML	<0.01	<0.5	2	6	0.31	6	40	<0.5	<2	0.14	<0.5		1	28		4	0.74	<10		0.06	<10		0.06	44	<1	<0.01	3	220	
K-07-0115	E768971	139.04	141.04	QTZT	non-mineralized	N-AML	<0.01	<0.5	18	61	7.28	19	510	2.1	<2	0.86	<0.5		10	80		25	2.99	20		1.65	30		0.51	181	1	0.38	42	550	
K-07-0115	E768972	141.04	143.02	QTZT	non-mineralized	N-AML	<0.01	<0.5	23	107	7.24	13	920	1.6	2	1.01	<0.5		11	88		29	3.99	20		1.22	30		0.67	231	1	0.19	47	700	
K-07-0115	E768973	143.02	145.04	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	25	1.86	<5	300	<0.5	<2	1.48	<0.5		2	37		11	1.33	<10		0.38	10		0.54	129	<1	0.09	13	310	
K-07-0115	E768974	145.04	147.09	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	13	0.59	<5	70	<0.5	<2	2.19	<0.5		<1	26		4	1.05	<10		0.09	<10		0.75	145	<1	0.03	4	170	
K-07-0115	E768975	147.09	149.02	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	37	2.93	<5	450	0.6	<2	0.88	<0.5		5	47		11	1.74	10		0.5	10		0.31	143	1	0.06	20	290	
K-07-0115	E768976	149.02	151.04	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	49	3.22	<5	370	0.6	<2	1.12	<0.5		4	47		10	2.56	10		0.43	10		0.53	175	1	0.06	22	410	
K-07-0115	E768977	151.04	153.02	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	66	4.99	13	650	1.3	<2	1.02	<0.5		5	80		21	3	10		0.84	10		0.51	171	1	0.17	31	470	
K-07-0115	E768979	153.02	155.03	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	20	0.84	<5	90	<0.5	<2	0.5	<0.5		1	33		4	0.9	<10		0.11	10		0.18	84	<1	0.02	7	120	
K-08-0159	E777535	23.92	25.48	SSCH	non-mineralized	N-AML	<0.01	<0.5	5	249	7.72	78	370	0.7	<2	1.01	1.2		42	176		172	9.21	20		0.35	10		3.6	1720	<1	0.32	104	820	
K-07-0115	E768980	155.03	157.03	QTZT	non-mineralized	P-AML	<0.01	<0.5	6	26	1.9	10	210	<0.5	<2	0.34	<0.5		3	48		8	1.35	<10		0.28	10		0.18	90	1	0.05	12	180	
K-07-0115	E768982	157.03	159.04	QTZT	non-mineralized	N-AML	0.01	1.7	12	42	2.21	5	300	0.5	<2	1.58	<0.5		5	54		21	1.31	<10		0.39	10		0.3	149	3	0.08	13	290	
K-07-0115	E768983	159.04	161.05	QTZT	non-mineralized	N-AML	0.01	0.5	12	59	4	11	500	0.9	<2	1.88	0.5		7	63		23	2.62	10		0.63	10		0.59	214	2	0.11	26	540	
K-07-0115	E768984	161.05	163.03	QTZT	non-mineralized	N-AML	<0.01	0.7	21	88	6.37	22	940	1.5	<2	0.91	<0.5		9	97		35	3.06	10		1.16	10		0.56	205	2	0.15	39	480	
K-07-0115	E768985	163.03	165.02	QTZT	non-mineralized	N-AML	<0.01	0.9	22	89	6.94	18	1160	1.7	<2	1.02	<0.5		8	110		42	3.09	10		1.42	10		0.59	202	2	0.16	43	820	
K-07-0115	E768986	165.02	167.03	QTZT	non-mineralized	P-AML	0.01	<0.5	14	57	4.61	12	610	1	<2	0.63	<0.5		8	83		13	2.51	10		0.8	10		0.34	155	1	0.11	27	420	
K-07-0115	E768987	167.03	169.04	QTZT	non-mineralized	P-AML	<0.01	<0.5	13	50	3.33	11	440	0.8	<2	0.7	<0.5		5	64		10	2.01	10		0.58	10		0.28	136	<1	0.08	20	320	
K-07-0115	E768988	169.04	171.04	QTZT	non-mineralized	P-AML	0.01	<0.5	6	37	2.86	10	380	0.7	<2	0.62	<0.5		4	62		9	1.89	10		0.51	10		0.27	139	1	0.07	17	330	
K-07-0115	E768989	171.04	173.13	QTZT	non-mineralized	N-AML	0.02	0.5	27	88	6.16	22	940	1.6	<2	0.86	0.7		10	96		20	2.81	10		1.23	10		0.49	178	<1	0.14	34	530	
K-07-0115	E768990	173.13	175.05	QTZT	non-mineralized	N-AML	0.01	0.7	14	92	4.52	27	770	1.1	<2	1.32	<0.5		6	89		40	2.61	10		0.95	10		0.44	173	7	0.08	45	3140	
K-07-0115	E768991	175.05	177.08	QTZT	non-mineralized	P-AML	<0.01	<0.5	9	49	3.73	18	550	1	<2	0.62	<0.5		5	72		12	1.76	10		0.75	10		0.31	119	1	0.1	19	320	
K-08-0159	E777528	12.19	13.9	QTZT	non-mineralized	N-AML	0.06	4.4	285	561	5.45	119	770	1.3	<2	0.04	6.2		4	107		12	2.84	10		1.7	20		0.09	775	1	0.17	13	510	
K-08-0159	E777529	13.9	14.2	QTZT	non-mineralized	N-AML	0.06	5.2	288	626	1.79	203	270	0.5	2	0.02	6.8		4	44		10	3.38	<10		0.56	10		0.03	812	1	0.05	16	590	
K-08-0159	E777531	14.2	15.54	GSCH	non-mineralized	N-AML	0.1	3.7	68	381	3.27	247	500	0.8	5	0.02	7.4		6	66		15	2.05	10		1.02	10		0.06	1455	1	0.11	21	370	
K-08-0159	E777532	15.54	18	QTZT	non-mineralized	N-AML	0.01	0.5	25	146	1.03	70	170	<0.5	<2	0.01	1.3		2	41		2	0.63	<10		0.33	10		0.02	227	1	0.03	6	130	
K-08-0159	E777533	18	21	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	81	0.76	25	120	<0.5	2	0.02	0.6		1	35		1	0.4	<10		0.24	10		0.03	161	<1	0.02	4	100	
K-08-0159	E777534	21	23.92	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	74	0.66	21	130	<0.5	3	0.02	<0.5		3	41		8	0.65	<10		0.15	10		0.07	133	<1	0.04	6	100	
K-08-0159	E777536	25.48	26.36	QTZT	non-mineralized	N-AML	0.02	<0.5	2	25	0.89	22	120	<0.5	2	0.02	<0.5		4	39		9	0.76	<10		0.18	10		0.2	156	<1	0.03	7	80	
K-08-0159	E777537	26.36	26.82	GSCH	non-mineralized	N-AML	0.01	1	19	146	7.3	96	940	1.9	<2	0.14	0.7		8	130		19	2.64	20		2.18	40		0.2	262	1	0.25	30	660	
K-08-0159	E777538	26.82	29.36	QTZT	non-mineralized	N-AML	0.01	<0.5	4	135	1.32	46	230	<0.5	2	0.11	0.8		2	43		6	0.9	<10		0.4	10		0.03	356	<1	0.05	8	350	
K-08-0159	E777539	29.36	29.58	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	157	0.39	21	70	<0.5	4	0.06	1.1		2	24		3	0.58	<10		0.11	<10		0.02	508	<1	0.01	8	250	
K-08-0159	E777540	29.58	32.54	QTZT	non-mineralized	N-AML	0.02	0.6	14	289	4.83	47	650	1.3	<2	0.16	1.3		7	99		17	2.38	10		1.14	20		0.17	475	1	0.14	35	810	
K-08-0159	E777541	32.54	34.82	QTZT	non-mineralized	N-AML	0.01	<0.5	6	78	1.69	15	210	0.5	<2	0.08	<0.5		3	47		7	0.94	<10		0.42	10		0.08	123	<1	0.06	10	290	
K-08-0159	E777542	34.82	35.89	GSCH	non-mineralized	N-AML	0.01	<0.5	18	110	6.01	32	680	1.7	<2	0.09	<0.5		10	102		23	3.32	10		1.68	30		0.16	309	<1	0.15	42	660	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0159	E777543	35.89	38	QTZT	non-mineralized	N-AML	0.01	<0.5	23	137	0.9	72	120	<0.5	<2	0.03	1.5		2	36		5	0.85	<10		0.27	10		0.03	617	<1	0.02	7	150	
K-08-0159	E777544	38	40.72	QTZT	non-mineralized	N-AML	<0.01	<0.5	44	123	0.93	13	130	<0.5	<2	0.03	1.1		2	42		6	0.77	<10		0.27	10		0.04	404	<1	0.02	8	180	
K-08-0159	E777546	40.72	43	QTZT	non-mineralized	N-AML	0.01	<0.5	13	78	0.86	7	160	<0.5	<2	0.23	<0.5		2	29		7	0.88	<10		0.25	10		0.03	201	<1	0.03	9	190	
K-08-0159	E777547	43	44.44	QTZT	non-mineralized	N-AML	<0.01	<0.5	14	84	1.86	15	320	0.6	<2	0.22	<0.5		3	45		6	1.24	<10		0.51	10		0.08	199	<1	0.05	14	240	
K-08-0159	E777548	44.44	45.42	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	41	0.86	18	120	<0.5	<2	0.02	<0.5		1	31		4	0.87	<10		0.27	10		0.04	82	<1	0.02	13	140	
K-08-0159	E777549	45.42	48.46	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	41	1.65	20	190	<0.5	<2	0.12	<0.5		3	45		6	1.03	<10		0.54	10		0.05	203	<1	0.03	15	220	
K-08-0159	E777550	48.46	50.67	QTZT	non-mineralized	N-AML	0.01	0.5	125	139	1.54	40	270	<0.5	<2	0.04	1.6		1	42		5	0.8	<10		0.55	10		0.04	247	<1	0.04	7	140	
K-08-0159	E777551	50.67	51	GSCH	non-mineralized	N-AML	0.02	6.3	96	177	10.15	139	1870	2.9	<2	0.07	1.7		3	211		19	2.3	30		4	50		0.26	77	<1	0.24	21	490	
K-08-0159	E777552	51	54	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	55	0.48	24	80	<0.5	<2	0.02	0.7		1	34		4	0.5	<10		0.17	<10		0.01	180	<1	0.01	8	70	
K-08-0159	E777553	54	57	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	79	0.33	15	50	<0.5	<2	0.02	0.7		2	33		7	0.42	<10		0.1	<10		0.02	329	<1	0.01	6	60	
K-08-0159	E777555	57	60	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	140	2.75	27	430	0.7	<2	1.2	1		5	57		11	1.47	<10		0.78	10		0.14	368	<1	0.06	22	340	
K-08-0159	E777556	60	63	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	51	1.38	6	210	<0.5	<2	1.34	<0.5		3	41		5	0.85	<10		0.34	10		0.07	197	<1	0.03	11	180	
K-08-0159	E777557	63	66	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	50	2.26	<5	370	0.6	<2	1.23	<0.5		2	51		10	1.3	10		0.53	10		0.22	151	<1	0.07	16	330	
K-08-0159	E777559	66	69	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	30	0.74	6	110	<0.5	<2	0.4	<0.5		2	27		4	0.74	<10		0.15	<10		0.09	158	<1	0.02	11	200	
K-08-0159	E777560	69	72	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	16	0.38	5	50	<0.5	2	0.95	<0.5		<1	30		5	0.59	<10		0.06	<10		0.27	100	<1	0.01	5	110	
K-08-0159	E777561	72	74	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	14	1	<5	150	<0.5	<2	0.42	<0.5		1	34		5	0.59	<10		0.21	<10		0.09	58	<1	0.05	8	160	
K-08-0159	E777562	74	75.25	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	27	1.51	7	250	0.5	<2	2.67	<0.5		1	37		7	1.35	<10		0.3	10		0.78	162	<1	0.08	9	410	
K-08-0159	E777563	75.25	78	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	49	2.86	5	370	0.7	<2	0.83	<0.5		5	54		9	2.06	<10		0.49	10		0.24	152	<1	0.09	18	450	
K-08-0159	E777564	78	79.96	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	31	0.96	<5	130	<0.5	<2	0.65	<0.5		2	35		6	1.33	<10		0.15	10		0.13	130	<1	0.02	8	240	
K-08-0159	E777565	79.96	82	QTZT	non-mineralized	N-AML	<0.01	<0.5	18	98	6.78	19	910	1.7	<2	0.88	<0.5		10	101		20	2.94	10		1.27	20		0.43	168	3	0.25	45	620	
K-08-0159	E777566	82	83.4	QTZT	non-mineralized	N-AML	0.01	<0.5	15	101	6.96	18	1120	2.1	<2	0.51	<0.5		8	105		25	2.62	10		1.54	20		0.35	134	3	0.27	51	490	
K-08-0159	E777568	83.4	85.06	QTZT	non-mineralized	N-AML	<0.01	0.6	15	77	6.09	20	780	1.6	<2	0.9	<0.5		6	74		21	2.85	10		1.19	20		0.46	191	1	0.23	37	540	
K-08-0159	E777569	85.06	85.26	QTZT	non-mineralized	N-AML	<0.01	0.5	27	154	10.45	40	1330	3	<2	0.25	<0.5		19	118		28	4.74	20		2.21	30		0.39	214	1	0.39	67	1030	
K-08-0159	E777570	85.26	88	QTZT	non-mineralized	N-AML	<0.01	<0.5	19	70	1.03	18	150	<0.5	<2	0.19	0.5		3	36		5	0.89	<10		0.27	10		0.1	200	<1	0.03	11	280	
K-08-0159	E777572	88	91	QTZT	non-mineralized	N-AML	<0.01	<0.5	28	39	0.61	12	100	<0.5	<2	0.05	<0.5		<1	33		25	0.44	<10		0.18	10		0.03	60	<1	0.02	3	140	
K-08-0159	E777573	91	94	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	26	0.31	9	60	<0.5	<2	0.06	<0.5		<1	27		5	0.37	<10		0.11	<10		0.03	38	<1	0.01	4	150	
K-08-0159	E777575	94	97	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	52	0.56	<5	90	<0.5	<2	0.49	0.7		1	52		4	0.6	<10		0.18	10		0.05	132	<1	0.02	5	160	
K-08-0159	E777576	97	100	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	38	0.43	7	60	<0.5	<2	0.95	<0.5		<1	30		4	0.54	<10		0.11	10		0.06	81	<1	0.01	5	160	
K-08-0159	E777577	100	103	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	16	0.37	<5	60	<0.5	<2	1.09	<0.5		1	32		3	0.37	<10		0.11	<10		0.05	74	<1	0.01	5	140	
K-08-0159	E777578	103	106	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	47	0.96	<5	140	<0.5	<2	0.47	<0.5		2	42		8	0.73	<10		0.24	10		0.11	129	<1	0.02	7	640	
K-08-0159	E777579	106	109	QTZT	non-mineralized	P-AML	<0.01	<0.5	4	32	1.38	9	190	<0.5	<2	0.29	<0.5		1	51		7	0.96	<10		0.34	10		0.11	58	<1	0.04	10	300	
K-08-0159	E777580	109	112	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	33	1.75	8	260	0.5	<2	0.06	<0.5		2	54		7	0.65	<10		0.5	10		0.07	34	<1	0.06	8	240	
K-08-0159	E777581	112	115	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	15	0.37	6	60	<0.5	<2	0.06	<0.5		1	34		3	0.28	<10		0.11	10		0.03	25	<1	0.01	4	140	
K-08-0159	E777582	115	116.77	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	16	0.4	<5	60	<0.5	<2	0.17	<0.5		<1	40		4	0.41	<10		0.1	10		0.05	48	<1	0.01	4	170	
K-08-0159	E777584	116.77	119	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	32	0.28	5	60	<0.5	<2	0.08	<0.5		<1	34		4	0.33	<10		0.09	10		0.02	45	<1	0.01	4	190	
K-08-0159	E777586	119	122	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	20	0.28	<5	50	<0.5	<2	0.06	<0.5		1	39		4	0.41	<10		0.09	<10		0.02	43	<1	0.01	7	190	
K-08-0159	E777588	122	124.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	11	0.56	<5	100	<0.5	2	0.54	<0.5		<1	35		3	0.43	<10		0.17	10		0.15	60	<1	0.02	3	140	
K-08-0159	E777589	124.8	127	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	33	1.32	11	170	<0.5	<2	1.67	<0.5		1	63		6	1.28	<10		0.31	10		0.37	134	<1	0.05	12	620	
K-08-0159	E777590	127	130	QTZT	non-mineralized	P-AML	<0.01	<0.5	6	43	0.91	12	130	<0.5	<2	0.16	<0.5		1	49		8	0.84	<10		0.24	10		0.08	67	<1	0.03	11	400	
K-08-0159	E777591	130	133	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	35	0.34	7	70	<0.5	2	0.33	<0.5		<1	43		5	0.48	<10		0.12	<10		0.12	95	<1	0.01	4	270	
K-08-0159	E777592	133	136	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	7	0.32	5	60	<0.5	<2	0.02	<0.5		<1	39		4	0.27	<10		0.11	<10		0.01	20	<1	0.01	3	120	
K-08-0159	E777593	136	139	QTZT	non-mineralized	N-AML	<0.01	<0.5	43	98	0.79	<5	130	<0.5	<2	0.25	1.4		<1	44		4	0.51	<10		0.28	10		0.09	242	<1	0.02	2	280	
K-08-0159	E777594	139	142	QTZT	non-mineralized	N-AML	<0.01	<0.5	16	47	0.44	10	80	<0.5	<2	0.06	0.7		<1	40		5	0.49	<10		0.14	10		0.02	60	<1	0.01	2	250	
K-08-0159	E777595	142	145	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	48	0.4	<5	70	<0.5	<2	0.05	0.7		<1	32		5	0.35	<10		0.13	<10		0.01	44	<1	0.01	4	210	
K-08-0159	E777596	145	147	QTZT	non-mineralized	N-AML	0.01	<0.5	2	12	0.3	<5	60	<0.5	<2	0.06	<0.5		<1	29		2	0.21	<10		0.1	<10		0.02	40	<1	0.01	2	140	
K-08-0159	E777597	147	148.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	19	0.5	<5	70	<0.5	<2	2.25	<0.5		<1	41		6	1.8	<10		0.12	<10		0.77	314	<1	0.01	7	340	
K-08-0159	E777598	148.5	150	QTZT	non-mineralized	P-AML	0.01	<0.5	13	93	6.78	13	990	1.8	<2	0.48	<0.5		10	90		28	2.95	10		1.67	20		0.5	171	<1	0.27	42	500	
K-08-0159	E777599	150	152.05	QTZT	non-mineralized	N-AML	<0.01	<0.5	14	93	7.09	7	910	1.8	<2	0.95	<0.5		10	88		17	3.95	10		1.34	30		0.63	266	<1	0.24	43	750	
K-08-0159	E777600	152.05	155	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	11	0.84	<5	120	<0.5	<2	1.3	<0.5		<1	33		5	0.88	<10		0.18	10		0.44	94	1	0.05	6	230	
K-08-0159	E777601	155	158	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	75	2.11	5	260	0.6	<2	1.71	0.8		3	46		14	1.26	<10		0.39	10		0.58	160	1	0.18	11	270	
K-08-0159	E777602	158	161	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	42	1.28	6	180	<0.5	<2	0.9	0.5		3	44		8	0.92	<10		0.26	10		0.26	95	1	0.09	7	250	
K-08-0159	E777603	161	162.85	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	55	1.77	6	260	0.5	<2	1.01	0.6		2	52		7	1.06	<10		0.36	10		0.32	119	1	0.08	10	240	
K-08-0159	E777604	162.85	165.5	QTZT	non-mineralized	P-AML	<0.01	<0.5	9	187	1.97	13	260	0.5	2	0.57	1.9		4	62		12	1.81	<10		0.36	10		0.22	137	1	0.07	18	270	
K-08-0159	E777605	165.5	168.45	QTZT	non-mineralized	P-AML	<0.01	<0.5	9	51	1.54	7	200	<0.5	<2	0.42	0.6		2	45		8	1.08	<10		0.26	10		0.19	104	1	0.03	10	150	
K-08-0159	E777606	168.45	171	QTZT	non-mineralized	N-AML	<0.01	0.6	17	96	6.3	22	840	1.6	<2	2.31	0.8		9	110		29	3.4	20		1.16	10		0.57	282	6	0.16	46	690	
K-08-0159	E777607	171	174	QTZT	non-mineralized	N-AML	0.04	0.6	29	148	7.47	25	1240	1.8	<2	1.06	1		10	118		29	3.51	20		1.45	10		0.62	244	2	0.16	44	1060	
K-08-0159	E777608	174	177	QTZT	non-mineralized	N-AML	<0.01	0.7	26	191	9.53	29	1540	2.3	<2	0.95	1.7		12	150		25	3.89	20		1.81	20		0.67	242	1	0.22	50	840	
K-08-0159	E777609	177	180	QTZT	non-mineralized	P-AML	<0.01	<0.5	16	65	5.01	<5	750	1.3	<2	0.71	<0.5		8	100		22	2.56	10		0.99	10		0.4	176	2	0.12	33	450	
K-08-0159	E777610	180	181.04	QTZT	non-mineralized	P-AML	0.02	1	16	99	4.84	20	910	1.3	<2	1.02	<0.5		9	99		58	3.27	20		1.11	20		0.57	244	8	0.09	62	440	
K-08-0159	E777611	181.04	183	QTZT	non-mineralized	P-AML	0.01	<0.5	5	49	1.92	5	300	0.5	<2	0.65	<0.5		4	55		13	1.4	10		0.41	10		0.28	108	2	0.04	20	150	
K-08-0159	E777613	183	184.6	QTZT	mineralized	P-AML	<0.01	<0.5	<2	11	0.41	<5	50	<0.5	<2	0.34	<0.5		1	45		4	0.67	<10		0.07	<10		0.13	61	1	0.01	8	80	
K-08-0159	E777614	184.6	187.6	QTZT	non-mineralized	N-AML	0.01	<0.5	8	69	5.14	10	790	1.4	<2	0.98	<0.5		7	92		18	2.81	10		1.05	20		0.51	190	<1	0.1	34	410	
K-08-0159	E777616	187.6	189.95	QTZT	non-mineralized	P-AML	0.07	<0.5	15	59	6.2	253	1040	1.8	<2	0.8	<0.5		9	106		15	2.85	10		1.71	20		0.4	159	<1	0.18	35	640	
K-08-0159	E777617	189.95	191.58	QTZT	non-mineralized	P-AML	0.17	1	52	78	2.4	98	460	0.5	2	0.38	0.9		5	60		6	1.51	10		0.8	10		0.17	182	<1	0.06	19	300	
K-08-0159	E777618	191.58	194.5	QTZT	non-mineralized	N-AML	0.08	0.6	11	65	1.07	17	180	<0.5	<2	2.46	0.6		2	35		4	0.83	<10		0.33	10		0.13	320	<1	0.03	10	180	
K-08-0159	E777620	194.5	196.19	QTZT	non-mineralized	P-AML	0.03	2.1	545	546	0.92	29	190	<0.5	<2	0.2	7.8		2	45		6	1.79	<10		0.32	10		0.12	3980	<1	0.03	10	150	
K-08-0159	E777621	196.19	198.5	QTZT	non-mineralized	P-AML	<0.01	1.9	114	258	6.21	39	430	1.7	<2	0.64	2.9		9	107		23	3.04	20		1.82	20		0.32	631	<1	0.18	40	1100	
K-08-0159	E777642	234.53	235.22	GNST	non-mineralized	N-AML	0.01	3.6	144	369	6.77	21	200	1.1	<2	3.92	3.5		40	81		197	8.35	20		1.41	10		2.54	10600	<1	0.02	64	730	
K-08-0159	E777622	198.5	201	QTZT	non-mineralized	P-AML	<0.01	<0.5	8	25	0.85	5	150	<0.5	<2	0.49	<0.5		2	46		6	0.67	<10		0.23	10		0.08	58	<1	0.02	9	220	
K-08-0159	E777623	201	203.26	QTZT	non-mineralized	P-AML	<0.01	<0.5	14	36	0.68	<5	130	<0.5	<2	0.6	<0.5		1	43		5	0.6	<10		0.2	10		0.07	85	<1	0.02	6	170	
K-08-0159	E777624	203.26	204.55	QTZT	non-mineralized	P-AML	<0.01	4	136	179	4.67	18	730	1.2	<2	0.68	1.8		5	84		16	2.23	10		1.41	10		0.35	1155	<1	0.11	27	520	
K-08-0159	E777625	204.55	206.39	QTZT	non-mineralized	P-AML	0.01	5.2	1080	525	4.79	41	730	0.9	<2	0.69	5.9		9	81		9	4.53	10		1.57	10		0.39	10600	<1	0.11	27	450	
K-08-0159	E777626	206.39	209	QTZT	non-mineralized	N-AML	<0.01	1.2	53	216	0.71	5	100	<0.5	<2	0.17	2.2		2	43		6	2.08	<10		0.23	<10		0.11	6700	<1	0.02	6	80	
K-08-0159	E777628	209	210.38	QTZT	non-mineralized	P-AML	<0.01	1.7	167	270	1.05	6	160	<0.5	<2	0.37	2.6		3	37		9	2.68	<10		0.35	<10		0.23	8220	<1	0.03	8	120	
K-08-0159	E777629	210.38	211.89	QTZT	non-mineralized	P-AML	<0.01	2.1	48	158	5.41	35	830	1.4	<2	0.67	1.4		8	89		32	2.29	10		1.71	20		0.33	621	1	0.19	34	560	
K-08-0159	E777631	211.89	214	QTZT	non-mineralized	P-AML	<0.01	1.6	96	219	0.78	<5	130	<0.5	<2	0.15	2.4		2	45		7	0.8	<10		0.26	10		0.09	1170	<1	0.02	7	120	
K-08-0159	E777632	214	217	QTZT	non-mineralized	N-AML	<0.01	0.6	123	276	0.45	<5	80	<0.5	<2	0.09	3.1		1	40		4	0.61	<10		0.16	<10		0.06	1250	<1	0.01	3	80	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0159	E777634	217	220	QTZT	non-mineralized	N-AML	<0.01	0.6	70	163	0.53	5	80	<0.5	<2	0.06	1.8		1	30		3	0.55	<10		0.19	<10		0.05	1080	<1	0.01	4	60	
K-08-0159	E777635	220	222.45	QTZT	non-mineralized	N-AML	<0.01	2.2	189	470	1.44	6	220	<0.5	<2	0.27	5.1		2	51		5	1.39	<10		0.51	10		0.18	2670	<1	0.03	10	130	
K-08-0159	E777636	222.45	225	QTZT	non-mineralized	P-AML	0.03	3.4	288	1115	1.84	84	350	<0.5	<2	0.09	13.5		5	52		6	1.89	<10		0.63	10		0.08	3380	1	0.05	19	260	
K-08-0159	E777637	225	226	QTZT	non-mineralized	P-AML	0.01	3.5	297	578	1.96	39	470	<0.5	<2	0.15	7		5	51		5	2.34	10		0.67	10		0.1	5180	<1	0.05	16	440	
K-08-0159	E777638	226	227	QTZT	non-mineralized	P-AML	<0.01	2	192	871	1.59	20	370	<0.5	<2	0.16	10.9		4	47		6	6.42	10		0.54	10		0.24	24600	<1	0.04	11	330	
K-08-0159	E777639	227	230	QTZT	non-mineralized	P-AML	<0.01	1	215	1085	1.72	19	360	<0.5	<2	0.18	14.4		3	52		3	1.78	<10		0.59	10		0.11	4530	<1	0.04	13	370	
K-08-0159	E777640	230	232.47	QTZT	non-mineralized	P-AML	<0.01	2.7	162	360	0.55	8	90	<0.5	<2	0.08	4.6		2	24		2	0.76	<10		0.18	10		0.04	1240	<1	0.01	6	200	
K-08-0159	E777641	232.47	234.53	QTZT	non-mineralized	P-AML	0.01	2.4	107	204	3.73	20	500	1	<2	0.29	2.1		7	67		21	1.99	10		1.21	20		0.24	2500	<1	0.13	24	570	
K-08-0159	E777643	235.22	235.37	QTZT	non-mineralized	P-AML	0.01	3.9	342	1075	2.83	29	380	0.8	<2	0.48	15.6		9	54		27	2.59	10		0.75	20		0.43	3920	<1	0.11	23	590	
K-08-0159	E777644	235.37	238.12	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	43	0.34	<5	70	<0.5	<2	1.84	<0.5		2	21		1	1.01	<10		0.11	10		0.58	446	<1	0.01	2	140	
K-08-0159	E777645	238.12	238.47	QTZT	non-mineralized	N-AML	0.02	<0.5	23	94	2.6	6	480	0.7	<2	1.16	0.6		5	52		9	1.43	10		0.69	20		0.25	243	<1	0.14	19	510	
K-08-0159	E777647	238.47	241	QTZT	non-mineralized	N-AML	<0.01	0.6	45	418	1.39	11	330	<0.5	<2	1.49	4.4		2	35		6	1.1	<10		0.42	10		0.17	367	1	0.07	11	400	
K-08-0159	E777648	241	244	QTZT	non-mineralized	N-AML	<0.01	0.6	31	120	1.34	9	240	<0.5	<2	1.37	1.3		2	41		11	1.04	<10		0.38	10		0.24	252	3	0.06	16	200	
K-08-0161	E777669	16.19	17.37	SSCH	mineralized	P-AML	<0.01	<0.5	<2	89	6.93	12	270	0.5	<2	7.56	<0.5		32	139		114	7.02	10		0.32	<10		2.74	1115	1	0.14	78	600	
K-08-0159	E777649	244	246.68	QTZT	non-mineralized	N-AML	<0.01	0.5	8	32	0.96	<5	180	<0.5	<2	0.6	<0.5		1	33		7	0.8	<10		0.29	10		0.2	183	1	0.04	8	150	
K-08-0159	E777650	246.68	249.68	QTZT	non-mineralized	P-AML	0.01	0.5	15	76	5.3	18	810	1.4	<2	0.48	0.5		10	93		25	2.25	10		1.22	30		0.35	151	2	0.23	37	590	
K-08-0159	E777651	249.68	252.68	QTZT	non-mineralized	P-AML	0.01	0.5	14	64	5.15	13	730	1.4	<2	0.22	<0.5		8	86		18	2.51	10		1.03	20		0.36	122	1	0.29	33	650	
K-08-0159	E777653	252.68	255.73	QTZT	non-mineralized	N-AML	0.01	<0.5	23	50	0.35	<5	60	<0.5	<2	1.37	0.5		1	24		6	0.7	<10		0.1	<10		0.11	361	1	0.02	3	80	
K-08-0159	E777654	255.73	258.78	QTZT	non-mineralized	N-AML	<0.01	<0.5	14	68	1.05	<5	180	<0.5	<2	4.42	0.7		2	30		5	0.85	<10		0.26	<10		0.16	274	1	0.08	10	300	
K-08-0159	E777655	258.78	259.8	QTZT	non-mineralized	N-AML	<0.01	2.7	202	886	2.72	25	390	0.8	<2	2.26	8.8		6	58		15	1.93	10		0.69	10		0.23	1260	2	0.22	29	610	
K-08-0159	E777657	259.8	260	GSCH	non-mineralized	N-AML	0.01	2.3	155	902	3.18	19	410	0.9	<2	0.87	8.9		7	62		14	2.35	10		0.78	20		0.34	300	1	0.15	29	510	
K-08-0159	E777658	260	261.83	QTZT	non-mineralized	N-AML	<0.01	<0.5	16	78	3.94	6	500	0.9	<2	1.4	<0.5		6	61		21	4.04	10		0.65	20		0.59	416	<1	0.13	28	450	
K-08-0159	E777659	261.83	262.9	QTZT	non-mineralized	N-AML	<0.01	<0.5	31	165	8.94	<5	930	1.6	<2	1.56	<0.5		16	108		31	6.41	20		1.2	30		1.04	359	<1	0.19	64	1000	
K-08-0159	E777660	262.9	264.87	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	81	6.32	11	810	1.4	<2	0.88	<0.5		9	76		11	3.44	20		1.06	20		0.52	201	<1	0.19	37	690	
K-08-0159	E777661	264.87	266.4	QTZT	non-mineralized	N-AML	0.01	0.6	18	96	6.87	52	1030	2.1	<2	0.86	<0.5		13	85		24	3.5	20		1.44	30		0.5	265	2	0.37	43	840	
K-08-0161	E777662	6.1	8.8	QTZT	non-mineralized	N-AML	0.01	0.6	31	74	0.52	14	70	<0.5	<2	0.02	0.8		1	35		4	0.57	<10		0.17	10		0.01	312	1	0.01	6	70	
K-08-0161	E777663	8.8	11	QTZT	non-mineralized	N-AML	0.01	0.5	11	69	0.65	28	70	<0.5	<2	0.02	0.8		2	36		15	0.94	<10		0.17	10		0.03	383	1	0.01	10	110	
K-08-0161	E777664	11	13.31	QTZT	non-mineralized	N-AML	0.03	0.8	39	102	0.86	50	100	<0.5	<2	0.01	1		3	43		8	0.83	<10		0.23	10		0.04	365	1	0.02	10	100	
K-08-0161	E777665	13.31	14.72	QTZT	non-mineralized	N-AML	<0.01	0.9	43	169	0.53	45	110	<0.5	<2	0.01	1.1		3	34		3	0.77	<10		0.17	10		0.01	412	1	0.02	10	110	
K-08-0161	E777666	14.72	14.97	QTZT	non-mineralized	N-AML	0.02	0.8	30	244	0.49	105	210	<0.5	2	0.02	1.3		5	29		19	1.27	<10		0.16	10		0.01	405	1	0.02	20	200	
K-08-0161	E777667	14.97	16.19	GSCH	non-mineralized	N-AML	0.01	<0.5	11	96	7.24	32	1160	2.3	<2	0.47	<0.5		7	97		17	2.37	20		2.19	30		0.32	201	2	0.19	36	430	
K-08-0161	E777670	17.37	20.42	QTZT	mineralized	P-AML	0.01	<0.5	<2	24	0.52	14	60	<0.5	<2	0.05	<0.5		3	32		5	0.64	<10		0.12	10		0.03	116	1	0.03	8	90	
K-08-0161	E777671	20.42	22.94	QTZT	non-mineralized	N-AML	0.01	0.5	7	43	2.42	26	260	0.6	<2	0.15	<0.5		4	53		19	1.56	<10		0.58	10		0.15	133	1	0.09	20	320	
K-08-0161	E777673	22.94	25.54	QTZT	non-mineralized	N-AML	<0.01	<0.5	21	45	1.41	7	160	<0.5	<2	0.08	<0.5		2	45		9	1.12	<10		0.31	10		0.05	114	1	0.07	9	270	
K-08-0161	E777674	25.54	26.56	GSCH	non-mineralized	N-AML	<0.01	0.8	18	122	8.02	29	800	2.2	<2	0.1	<0.5		11	129		26	3.68	20		1.88	40		0.27	180	2	0.22	48	670	
K-08-0161	E777675	26.56	29	QTZT	non-mineralized	N-AML	0.01	<0.5	3	37	0.53	5	50	<0.5	2	0.02	<0.5		1	29		3	0.59	<10		0.11	10		0.03	76	1	0.01	6	110	
K-08-0161	E777677	29	32	QTZT	non-mineralized	N-AML	0.01	<0.5	2	47	0.42	13	40	<0.5	<2	0.06	<0.5		1	40		3	0.6	<10		0.08	10		0.03	66	1	0.01	5	90	
K-08-0161	E777678	32	35	QTZT	non-mineralized	N-AML	0.01	<0.5	3	44	0.78	11	100	<0.5	2	0.07	<0.5		1	42		6	0.83	<10		0.17	10		0.04	81	1	0.02	8	150	
K-08-0161	E777679	35	36.77	QTZT	non-mineralized	N-AML	0.01	<0.5	5	28	1.82	8	310	0.5	<2	0.07	<0.5		2	50		9	1.3	10		0.47	10		0.05	93	2	0.09	14	180	
K-08-0161	E777680	36.77	39.14	GSCH	non-mineralized	N-AML	<0.01	0.7	10	62	5.31	14	770	1.3	<2	0.08	<0.5		4	91		12	2.34	10		1.36	20		0.17	120	2	0.14	22	330	
K-08-0161	E777681	39.14	42	QTZT	non-mineralized	N-AML	0.01	<0.5	4	26	1.39	<5	160	<0.5	<2	1.2	<0.5		3	49		8	1.07	<10		0.36	10		0.08	108	<1	0.03	9	220	
K-08-0161	E777682	42	45	QTZT	non-mineralized	N-AML	<0.01	<0.5	13	40	0.63	11	70	<0.5	<2	0.33	<0.5		1	44		7	0.72	<10		0.17	10		0.04	114	<1	0.01	4	800	
K-08-0161	E777683	45	48	QTZT	mineralized	P-AML	0.01	<0.5	<2	9	0.32	38	50	<0.5	<2	0.1	<0.5		1	40		2	0.52	<10		0.1	<10		0.03	75	<1	0.01	1	70	
K-08-0161	E777685	48	51	QTZT	non-mineralized	N-AML	0.01	<0.5	3	40	0.45	17	60	<0.5	<2	0.08	<0.5		1	45		3	0.8	<10		0.14	10		0.05	198	1	0.01	3	90	
K-08-0161	E777686	51	54.12	QTZT	non-mineralized	N-AML	0.01	0.5	6	53	1	14	150	<0.5	<2	0.06	<0.5		2	45		5	0.84	<10		0.31	10		0.04	192	<1	0.02	7	160	
K-08-0161	E777687	54.12	57	QTZT	mineralized	P-AML	0.1	<0.5	<2	24	0.72	7	100	<0.5	<2	0.08	<0.5		2	43		5	0.68	<10		0.19	10		0.05	95	<1	0.01	6	90	
K-08-0161	E777688	57	59	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	48	2.36	5	390	0.6	<2	0.88	<0.5		3	52		8	1.42	<10		0.65	10		0.09	176	<1	0.04	13	310	
K-08-0161	E777690	59	60.27	QTZT	non-mineralized	N-AML	0.01	<0.5	5	68	3.79	18	770	1	<2	0.13	<0.5		4	82		23	1.91	10		0.95	10		0.09	253	<1	0.09	25	450	
K-08-0161	E777691	60.27	63	QTZT	non-mineralized	N-AML	0.01	<0.5	5	18	1.1	7	160	<0.5	<2	0.84	<0.5		1	42		6	0.85	10		0.2	10		0.04	91	<1	0.03	9	200	
K-08-0161	E777692	63	64.82	QTZT	mineralized	P-AML	0.01	<0.5	<2	17	0.44	<5	80	<0.5	<2	0.04	<0.5		3	43		4	0.67	<10		0.08	<10		0.01	100	<1	0.02	10	140	
K-08-0161	E777693	64.82	66	QTZT	non-mineralized	N-AML	0.01	<0.5	20	61	5.9	14	990	1.8	<2	0.22	<0.5		6	106		14	2.1	20		1.26	20		0.1	138	<1	0.26	28	640	
K-08-0161	E777694	66	68.25	QTZT	non-mineralized	N-AML	0.01	<0.5	41	35	2.96	5	460	0.9	<2	0.67	<0.5		4	61		11	1.52	10		0.56	10		0.16	142	1	0.13	17	370	
K-08-0161	E777695	68.25	69.94	QTZT	non-mineralized	N-AML	0.01	<0.5	6	18	0.72	<5	90	<0.5	<2	0.32	<0.5		2	33		6	0.83	<10		0.09	10		0.04	88	<1	0.02	6	180	
K-08-0161	E777697	69.94	73	GSCH	non-mineralized	N-AML	0.03	<0.5	44	128	7.72	11	1030	2.1	<2	0.9	<0.5		11	91		23	3.72	20		1.4	30		0.46	255	<1	0.22	48	700	
K-08-0161	E777698	73	76	GSCH	non-mineralized	N-AML	0.03	<0.5	35	116	10.15	5	1460	2.9	<2	0.47	<0.5		13	115		22	4.01	20		2	30		0.43	188	<1	0.37	58	930	
K-08-0161	E777699	76	79.68	GSCH	non-mineralized	N-AML	0.01	<0.5	22	116	9.51	13	1300	2.5	2	0.5	<0.5		13	110		32	4.33	20		1.78	30		0.47	214	<1	0.31	57	910	
K-08-0161	E777700	79.68	81.38	QTZT	non-mineralized	N-AML	0.01	<0.5	19	86	5.83	8	600	1.4	<2	0.68	<0.5		8	81		22	3.7	10		0.9	20		0.44	208	1	0.16	44	610	
K-08-0161	E777701	81.38	83.72	QTZT	non-mineralized	P-AML	<0.01	<0.5	13	47	4.81	16	610	1.3	<2	0.45	<0.5		7	65		9	2.67	10		0.96	20		0.27	135	<1	0.16	29	440	
K-08-0161	E777702	83.72	86	QTZT	non-mineralized	N-AML	0.01	<0.5	13	16	0.73	11	130	<0.5	<2	0.1	<0.5		1	54		10	0.91	<10		0.22	10		0.03	80	1	0.02	8	360	
K-08-0161	E777703	86	89	QTZT	non-mineralized	N-AML	0.01	37.7	18	30	0.39	8	70	<0.5	2	0.03	<0.5		1	37		4	0.41	<10		0.14	<10		0.01	42	<1	0.01	3	140	
K-08-0161	E777705	89	92	QTZT	non-mineralized	N-AML	0.01	0.5	26	46	0.45	12	80	<0.5	<2	0.04	0.5		1	53		5	0.52	<10		0.15	10		0.01	74	1	0.01	5	210	
K-08-0161	E777706	92	94.42	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	17	0.52	<5	80	<0.5	<2	0.54	<0.5		1	37		4	0.61	<10		0.15	10		0.08	101	<1	0.01	4	180	
K-08-0161	E777708	94.42	95.02	GSCH	non-mineralized	N-AML	<0.01	0.6	48	58	6.33	16	1050	1.6	2	0.05	<0.5		1	117		16	1.3	20		2.02	30		0.14	54	1	0.19	7	240	
K-08-0161	E777709	95.02	98	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	22	0.47	<5	80	<0.5	<2	0.05	<0.5		1	39		9	0.51	<10		0.14	10		0.02	64	1	0.01	5	150	
K-08-0161	E777710	98	101	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	29	0.4	6	80	<0.5	<2	1.57	0.7		1	47		4	0.41	<10		0.12	<10		0.03	147	1	0.01	4	140	
K-08-0161	E777711	101	102.77	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	53	0.34	5	60	<0.5	<2	2.12	0.6		2	34		8	0.54	<10		0.09	<10		0.04	154	1	0.01	8	150	
K-08-0161	E777712	102.77	103.61	QTZT	non-mineralized	P-AML	<0.01	0.6	18	58	3.93	18	570	1.1	3	0.64	<0.5		5	91		20	2.43	10		1.03	20		0.26	106	1	0.11	28	1130	
K-08-0161	E777713	103.61	105.43	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	25	1.57	5	210	<0.5	<2	1.05	<0.5		2	54		11	1.06	<10		0.4	10		0.09	84	1	0.04	10	320	
K-08-0161	E777715	105.43	108	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	14	0.41	<5	70	<0.5	<2	0.15	<0.5		1	40		4	0.42	<10		0.11	<10		0.05	44	1	0.01	4	140	
K-08-0161	E777716	108	111	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	13	0.35	5	60	<0.5	<2	0.13	<0.5		1	44		4	0.47	<10		0.1	10		0.03	52	<1	0.01	4	410	
K-08-0161	E777717	111	113	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	22	0.32	6	60	<0.5	<2	0.09	<0.5		1	43		6	0.41	<10		0.1	<10		0.02	76	1	0.01	6	180	
K-08-0161	E777738	151.41	151.8	GNST	non-mineralized	N-AML	0.02	<0.5	7	105	6.78	22	270	0.6	<2	5.65	<0.5		33	146		177	7.41	20		0.3	10		2.32	949	<1	0.04	71	750	
K-08-0161	E777718	113	115.07	QTZT	non-mineralized	P-AML	<0.01	<0.5	12	56	2.13	11	300	0.5	<2	0.56	<0.5		4	63		27	1.55	10		0.5	10		0.26	111	1	0.07	22	280	
K-08-0161	E777719	115.07	115.96	GSCH	non-mineralized	P-AML	<0.01	0.7	22	86	11	24	1880	3.5	3	0.15	<0.5		15	143		36	3.43	30		2.66	30		0.27	108	1	0.62	62	730	
K-08-0161	E777720	115.96	117.37	QTZT	non-mineralized	P-AML	<0.01	<0.5	12	57	3.5	20	450	1	<2	0.7	<0.5		8	60		20	2.4	10		0.75	10		0.31	139	1	0.19	28	460	
K-08-0161	E777721	117.37	118.56	GSCH	non-mineralized	P-AML	0.01	0.5	20	100	9.58	18	1380	2.9	2	0.29	<0.5		14	117		23	3.54	20		2.24	30		0.36	142	<1	0.5	55	810	
K-08-0161	E777722	118.56	121	QTZT	non-mineralized	P-AML	0.01	<0.5	6	17	0.75	<5	100	<0.5	<2	0.63	<0.5		3	46		9	1.25	<10		0.16	10		0.16	125	1	0.02	12	230	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0161	E777723	121	124	QTZT	non-mineralized	N-AML	0.01	<0.5	10	15	1.26	<5	180	<0.5	2	0.22	<0.5		3	49		9	0.74	<10		0.29	10		0.05	52	1	0.06	10	250	
K-08-0161	E777725	124	127	QTZT	non-mineralized	N-AML	0.01	<0.5	4	19	0.8	<5	120	<0.5	4	0.34	<0.5		3	90		10	0.76	<10		0.2	10		0.1	68	1	0.02	10	310	
K-08-0161	E777726	127	130	QTZT	non-mineralized	N-AML	0.02	<0.5	7	28	0.39	13	60	<0.5	<2	0.17	<0.5		1	41		6	0.53	<10		0.11	10		0.03	57	1	0.01	4	140	
K-08-0161	E777727	130	133	QTZT	non-mineralized	N-AML	0.01	<0.5	5	19	0.34	14	70	<0.5	<2	0.07	<0.5		1	55		3	0.54	<10		0.11	10		0.02	62	1	0.01	3	180	
K-08-0161	E777729	133	136.25	QTZT	non-mineralized	N-AML	0.01	<0.5	7	28	1.17	11	180	<0.5	<2	0.33	<0.5		2	55		10	0.83	<10		0.31	10		0.13	87	1	0.04	8	310	
K-08-0161	E777730	136.25	138	GSCH	non-mineralized	P-AML	0.01	<0.5	12	56	4.93	13	560	1.4	<2	0.63	<0.5		8	75		15	2.81	10		0.89	20		0.35	154	1	0.25	28	670	
K-08-0161	E777731	138	140.23	GSCH	non-mineralized	N-AML	0.03	<0.5	17	108	7.24	12	980	1.9	<2	0.91	<0.5		11	98		23	3.88	10		1.35	30		0.58	217	<1	0.23	46	680	
K-08-0161	E777732	140.23	143	QTZT	non-mineralized	N-AML	0.01	<0.5	3	25	0.69	8	60	<0.5	<2	0.6	<0.5		2	53		5	1.66	<10		0.07	10		0.21	149	1	0.01	8	240	
K-08-0161	E777734	143	146	QTZT	non-mineralized	N-AML	0.01	1.1	9	40	0.79	<5	100	<0.5	<2	0.42	<0.5		2	51		12	1.15	<10		0.12	10		0.12	154	2	0.02	11	210	
K-08-0161	E777735	146	148	QTZT	non-mineralized	N-AML	0.01	0.5	11	41	2.04	11	270	0.5	<2	2.96	<0.5		4	56		11	1.97	<10		0.4	10		1.05	310	1	0.18	14	380	
K-08-0161	E777736	148	150.59	QTZT	non-mineralized	N-AML	0.01	<0.5	9	42	2.4	7	320	0.6	<2	0.97	<0.5		8	69		17	1.74	<10		0.41	10		0.26	147	1	0.15	20	260	
K-08-0161	E777737	150.59	151.41	GSCH	non-mineralized	N-AML	0.01	<0.5	8	110	6.52	12	630	1.2	<2	2.4	<0.5		17	119		70	5.02	20		0.77	20		1.13	473	1	0.14	52	680	
K-08-0161	E777739	151.8	154	QTZT	non-mineralized	P-AML	0.01	<0.5	4	14	0.8	5	110	<0.5	<2	0.38	<0.5		2	43		5	0.8	<10		0.14	10		0.1	70	1	0.04	8	110	
K-08-0161	E777740	154	156.18	QTZT	non-mineralized	N-AML	0.01	<0.5	5	9	0.33	<5	20	<0.5	<2	0.44	<0.5		1	56		4	0.82	<10		0.03	10		0.12	86	1	<0.01	3	70	
K-08-0161	E777741	156.18	159	GSCH	non-mineralized	P-AML	<0.01	0.6	12	59	5.19	13	770	1.4	2	0.49	<0.5		8	117		20	2.52	10		1	20		0.31	172	1	0.2	31	470	
K-08-0161	E777742	159	162	GSCH	non-mineralized	N-AML	0.01	0.8	18	111	7.13	17	1200	1.8	4	0.9	0.7		12	130		49	3.87	20		1.41	30		0.59	261	2	0.15	53	710	
K-08-0161	E777744	162	165	GSCH	non-mineralized	P-AML	<0.01	0.9	14	87	6.91	16	1120	1.8	<2	0.75	0.5		10	128		26	3.23	20		1.33	30		0.51	203	2	0.14	47	570	
K-08-0161	E777745	165	167.27	GSCH	non-mineralized	P-AML	<0.01	1.2	10	62	3.71	15	670	1.1	<2	0.44	<0.5		6	84		35	1.78	10		0.9	20		0.24	117	5	0.1	38	230	
K-08-0161	E777746	167.27	170.1	GSCH	non-mineralized	P-AML	0.02	0.7	8	56	2.29	9	370	0.6	2	0.66	<0.5		5	75		24	1.68	<10		0.49	10		0.28	173	2	0.05	32	290	
K-08-0161	E777747	170.1	170.74	GSCH	non-mineralized	N-AML	<0.01	0.5	5	76	2.72	13	430	0.9	<2	0.87	<0.5		6	60		17	1.65	10		0.53	10		0.35	304	4	0.08	28	210	
K-08-0161	E777748	170.74	173	GSCH	non-mineralized	N-AML	0.01	0.7	6	59	1.99	13	350	0.5	<2	0.88	<0.5		5	69		25	1.83	10		0.41	10		0.41	173	9	0.04	34	140	
K-08-0161	E777749	173	176	GSCH	non-mineralized	P-AML	0.01	0.6	15	76	5.53	12	810	1.4	<2	0.62	0.5		7	106		20	2.69	10		1.05	20		0.36	185	1	0.11	35	470	
K-08-0161	E777750	176	179	GSCH	non-mineralized	P-AML	<0.01	0.5	12	57	4.15	9	610	1	<2	0.74	0.5		6	97		16	2.27	10		0.82	10		0.38	175	2	0.09	31	360	
K-08-0161	E777751	179	182	GSCH	non-mineralized	P-AML	<0.01	1.1	19	113	7.42	20	1200	1.9	<2	0.65	0.6		11	139		40	3.68	20		1.48	20		0.57	229	4	0.15	62	740	
K-08-0161	E777753	182	185	GSCH	non-mineralized	N-AML	<0.01	1.3	17	86	5.33	18	850	1.2	<2	0.81	0.6		9	104		30	2.55	10		1.11	10		0.35	145	4	0.12	46	530	
K-08-0161	E777754	185	188	GSCH	non-mineralized	N-AML	<0.01	0.7	16	79	6.49	12	1020	1.7	<2	1.03	0.6		8	125		22	2.83	10		1.29	20		0.47	185	1	0.16	40	560	
K-08-0161	E777755	188	191	GSCH	non-mineralized	N-AML	<0.01	0.6	10	70	4.56	12	610	1.1	2	1.45	<0.5		7	87		18	2.66	10		0.82	10		0.58	264	1	0.09	29	460	
K-08-0161	E777776	228.24	228.67	CQTZT	non-mineralized	N-AML	0.01	1.6	141	455	0.78	9	120	<0.5	<2	5.6	3.8		2	19		7	1.02	<10		0.24	<10		0.12	1200	<1	0.01	10	310	
K-08-0161	E777757	191	194	GSCH	non-mineralized	N-AML	<0.01	1.1	12	77	4.16	16	670	1.1	4	2.09	0.6		6	102		25	2.38	10		0.86	10		0.63	227	2	0.12	27	520	
K-08-0161	E777758	194	196.39	GSCH	non-mineralized	P-AML	<0.01	0.9	10	74	3.58	16	580	0.8	2	0.59	0.7		7	95		18	1.31	10		0.84	10		0.16	90	2	0.11	29	400	
K-08-0161	E777759	196.39	198	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	28	0.39	<5	60	<0.5	3	1.93	<0.5		2	48		4	0.98	<10		0.08	<10		0.64	230	1	0.01	8	100	
K-08-0161	E777760	198	200	QTZT	mineralized	P-AML	0.01	<0.5	<2	22	0.5	<5	80	<0.5	2	6.91	<0.5		2	26		4	2.2	<10		0.09	<10		2.23	474	1	0.01	8	130	
K-08-0161	E777761	200	202.69	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	38	0.44	5	80	<0.5	<2	3.11	<0.5		1	27		2	1.06	<10		0.09	<10		0.9	302	<1	0.01	4	110	
K-08-0161	E777762	202.69	205	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	28	0.7	<5	120	<0.5	<2	0.84	<0.5		1	38		4	0.63	<10		0.17	10		0.15	115	<1	0.02	7	130	
K-08-0161	E777763	205	208	QTZT	non-mineralized	N-AML	<0.01	0.5	32	193	1.54	10	390	<0.5	<2	5.98	1.8		2	34		5	1.41	<10		0.49	10		1.03	374	<1	0.04	9	230	
K-08-0161	E777764	208	211	QTZT	non-mineralized	N-AML	<0.01	0.5	67	206	0.27	<5	50	<0.5	<2	0.44	2.3		1	29		2	0.46	<10		0.09	<10		0.05	323	<1	0.01	3	80	
K-08-0161	E777765	211	213	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	76	0.27	6	50	<0.5	<2	0.56	0.8		<1	34		3	0.49	<10		0.08	<10		0.07	397	<1	0.01	3	80	
K-08-0161	E777767	213	215.03	QTZT	non-mineralized	P-AML	0.02	<0.5	5	22	1.82	9	290	0.6	<2	0.7	<0.5		3	49		6	1.22	10		0.44	10		0.17	89	<1	0.06	11	310	
K-08-0161	E777768	215.03	218	GSCH	non-mineralized	P-AML	0.01	0.7	17	69	5.6	20	730	1.6	<2	0.74	<0.5		8	91		28	2.87	10		1.36	20		0.45	167	1	0.16	38	520	
K-08-0161	E777769	218	220	GSCH	non-mineralized	P-AML	0.02	0.5	18	99	6.83	18	510	2.1	<2	1.24	<0.5		8	104		48	3.28	10		1.65	30		0.56	181	1	0.19	42	2550	
K-08-0161	E777793	242.52	244	CQTZT	non-mineralized	N-AML	<0.01	1.3	44	23	0.36	5	80	<0.5	<2	6.46	<0.5		1	18		<1	2.87	<10		0.14	<10		2.44	696	<1	0.01	3	140	
K-08-0161	E777794	244	245.97	CQTZT	non-mineralized	N-AML	0.01	1	26	16	0.32	<5	60	<0.5	<2	4.11	<0.5		1	23		<1	1.94	<10		0.1	<10		1.46	508	<1	0.01	3	130	
K-08-0161	E777771	220	222.3	GSCH	non-mineralized	P-AML	0.01	0.6	27	77	6.94	19	320	1.7	<2	1.47	<0.5		6	82		24	3.3	20		1.7	20		0.45	188	1	0.2	33	2200	
K-08-0161	E777772	222.3	225	QTZT	non-mineralized	N-AML	0.01	1.3	116	323	0.45	5	100	<0.5	<2	0.12	3.6		1	31		5	0.85	<10		0.16	<10		0.08	1880	<1	0.01	4	80	
K-08-0161	E777797	251.27	253.76	GNST	non-mineralized	N-AML	0.02	0.5	10	99	6.41	<5	190	<0.5	<2	7.56	<0.5		35	60		207	8.67	20		0.17	<10		3.1	1485	<1	0.04	59	690	
K-08-0161	E777798	253.76	257.38	SSCH	non-mineralized	N-AML	<0.01	0.6	6	99	5.56	13	450	0.7	<2	4.59	<0.5		31	67		174	7.18	10		0.38	<10		1.81	840	<1	0.26	54	680	
K-08-0161	E777799	257.38	259.05	GNST	non-mineralized	N-AML	<0.01	0.6	11	95	6.25	5	510	0.6	<2	7.4	<0.5		36	64		194	8.43	20		0.35	<10		2.74	1305	<1	0.13	59	670	
K-08-0161	E777800	259.05	261	CQTZT	non-mineralized	N-AML	<0.01	<0.5	9	10	1.56	5	330	<0.5	<2	3.76	<0.5		3	36		3	1.07	<10		0.29	10		0.22	276	<1	0.13	9	290	
K-08-0161	E777801	261	262.25	CQTZT	non-mineralized	N-AML	<0.01	<0.5	9	71	3.18	5	330	<0.5	<2	2.03	<0.5		21	60		110	4.56	10		0.23	10		1.23	510	<1	0.06	33	440	
K-08-0161	E777802	262.25	265	CQTZT	non-mineralized	N-AML	0.02	<0.5	5	55	3.22	<5	810	0.9	<2	1.5	<0.5		6	69		13	1.67	<10		0.69	20		0.25	157	<1	0.25	22	550	
K-08-0161	E777803	265	268	CQTZT	non-mineralized	N-AML	<0.01	<0.5	10	24	0.98	5	200	<0.5	<2	1.76	<0.5		2	58		6	1.31	<10		0.23	10		0.29	195	<1	0.07	8	330	
K-08-0161	E777804	268	270.34	CQTZT	non-mineralized	N-AML	<0.01	<0.5	9	67	2.69	10	480	0.8	<2	0.93	<0.5		6	65		38	2.18	10		0.63	10		0.46	189	4	0.12	33	410	
K-08-0161	E777773	225	226.24	QTZT	non-mineralized	N-AML	0.01	0.8	81	174	0.37	<5	70	<0.5	<2	0.13	1.8		1	29		2	0.61	<10		0.13	<10		0.07	1340	<1	0.01	2	70	
K-08-0161	E777774	226.24	227.24	QTZT	non-mineralized	N-AML	0.01	0.9	123	355	0.37	5	70	<0.5	<2	0.03	3.9		1	29		5	0.76	<10		0.13	<10		0.06	2000	<1	0.02	2	70	
K-08-0161	E777775	227.24	228.24	QTZT	non-mineralized	N-AML	<0.01	0.7	100	135	0.42	<5	90	<0.5	2	0.03	1.3		1	31		6	0.89	<10		0.15	<10		0.04	2290	<1	0.01	4	80	
K-08-0161	E777777	228.67	229.48	QTZT	non-mineralized	P-AML	0.02	57.8	4390	1375	0.76	9	120	<0.5	<2	0.36	17.3		2	21		9	1.34	<10		0.22	10		0.18	2100	<1	0.01	10	240	
K-08-0161	E777778	229.48	229.75	QTZT	mineralized	P-AML	0.01	1595	50900	5720	0.49	15	50	<0.5	<2	0.05	79.7		2	13		186	5.15	<10		0.13	10		0.12	14500	<1	0.01	9	80	
K-08-0161	E777780	229.75	230.1	QTZT	mineralized	P-AML	0.19	11181.5	302900	17400	0.14	20	30	<0.5	<2	0.07	286		2	4		1695	8.4	<10		0.04	<10		0.2	28100	<1	<0.01	7	50	
K-08-0161	E777781	230.1	231.29	QTZT	non-mineralized	N-AML	0.01	123	4300	783	0.41	9	70	<0.5	<2	0.08	10.5		2	21		8	0.97	<10		0.14	<10		0.07	2400	<1	0.01	4	110	
K-08-0161	E777783	231.29	231.63	QTZT	mineralized	P-AML	0.15	2410	218600	2390	0.45	48	40	<0.5	<2	0.18	50.3		4	11		505	10.8	<10		0.12	<10		0.44	38600	<1	0.01	20	100	
K-08-0161	E777785	231.63	231.93	QTZT	mineralized	P-AML	0.04	664	12400	903	0.22	17	30	<0.5	<2	0.16	15.1		<1	12		199	13	<10		0.07	<10		0.5	54500	<1	0.01	6	70	
K-08-0161	E777786	231.93	232.93	QTZT	non-mineralized	P-AML	0.02	5.4	176	138	0.48	10	60	<0.5	<2	0.07	1.8		2	35		<1	1.27	<10		0.17	10		0.04	2590	<1	0.01	5	220	
K-08-0161	E777788	232.93	233.93	QTZT	non-mineralized	N-AML	<0.01	2.3	59	79	0.69	8	100	<0.5	2	0.09	0.8		1	38		12	0.58	<10		0.26	10		0.04	642	<1	0.02	6	230	
K-08-0161	E777789	233.93	236.48	QTZT	non-mineralized	N-AML	0.02	1.3	109	208	0.88	6	120	<0.5	3	0.13	2.5		2	38		1	0.95	<10		0.29	10		0.07	1765	<1	0.03	7	230	
K-08-0161	E777790	236.48	238	GSCH	non-mineralized	P-AML	0.01	1.2	26	31	2.31	6	330	0.6	<2	0.39	<0.5		4	55		15	0.92	10		0.67	10		0.14	81	<1	0.13	14	370	
K-08-0161	E777791	238	240.09	GSCH	non-mineralized	N-AML	<0.01	1	35	75	3.64	13	550	1	<2	1.01	0.5		6	76		7	1.62	10		1.04	20		0.19	117	<1	0.21	23	540	
K-08-0161	E777792	240.09	242.52	QTZT	non-mineralized	N-AML	<0.01	1.1	32	25	0.52	5	90	<0.5	<2	0.82	<0.5		2	30		<1	0.61	<10		0.17	<10		0.24	192	<1	0.01	3	160	
K-08-0161	E777795	245.97	249	QTZT	non-mineralized	P-AML	<0.01	1	31	71	1.7	10	270	<0.5	<2	0.54	0.6		4	47		4	1.09	<10		0.52	10		0.17	206	<1	0.09	13	360	
K-08-0161	E777796	249	251.27	QTZT	non-mineralized	N-AML	<0.01	0.5	37	136	0.6	8	100	<0.5	<2	0.52	1.4		2	34		<1	0.71	<10		0.18	10		0.11	236	<1	0.03	6	250	
K-08-0166	E754617	5.57	7.5	QTZT	non-mineralized	N-AML	<0.01	0.5	25	61	0.45	18	70	<0.5	<2	0.08	<0.5		1	46		3	0.45	<10		0.16	10		0.01	192	3	0.01	4	70	
K-08-0166	E754619	7.5	10.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	38	1.18	15	100	<0.5	<2	0.09	<0.5		5	65		20	1.08	<10		0.17	<10		0.12	129	<1	0.02	12	110	
K-08-0166	E754620	10.5	13.5	QTZT	non-mineralized	N-AML	<0.01	1.3	42	68	0.63	26	90	<0.5	<2	0.1	0.7		2	49		7	0.63	<10		0.18	<10		0.04	308	<1	0.02	7	100	
K-08-0166	E754621	13.5	16.13	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	30	0.45	6	90	<0.5	2	0.1	<0.5		1	45		4	0.44	<10		0.12	10		0.03	93	<1	0.02	7	70	
K-08-0166	E754622	16.13	20.73	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	51	2.46	28	360	0.6	<2	0.06	<0.5		4	52		7	1.07	10		0.77	10		0.09	122	<1	0.06	17	240	
K-08-0166	E754623	20.73	23.55	QTZT	non-mineralized	N-AML	0.01	<0.5	10	37	2.6	16	270	0.7	<2	0.06	<0.5		3	62		8	1.5	10		0.65	10		0.08	116	<1	0.09	18	310	
K-08-0166	E754624	23.55	25.86	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	42	0.59	9	60	<0.5	2	0.05	<0.5		2	33		4	0.78	<10		0.13	<10		0.02	117	1	0.02	9	250	
K-08-0166	E754625	25.86	26.36	GSCH	non-mineralized	N-AML	0.01	<0.5	19	108	7.35	19	820	2.2	<2	0.16	<0.5		9	118		26	2.6	20		2.09	40		0.17	325	<1	0.25	46	730	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0166	E754626	26.36	29.38	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	17	0.53	11	70	<0.5	<2	0.1	<0.5		1	39		4	0.49	<10		0.15	10		0.02	72	1	0.01	5	100	
K-08-0166	E754628	29.38	32.38	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	37	0.41	8	50	<0.5	<2	0.11	<0.5		1	51		3	0.59	<10		0.09	10		0.03	77	<1	0.01	4	110	
K-08-0166	E754629	32.38	35.38	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	57	1.78	30	270	0.5	<2	0.16	<0.5		3	49		10	1.66	<10		0.44	10		0.08	177	1	0.06	17	600	
K-08-0166	E754630	35.38	36.68	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	30	0.81	9	130	<0.5	<2	0.49	<0.5		3	38		7	0.96	<10		0.18	10		0.04	99	<1	0.04	14	240	
K-08-0166	E754631	36.68	38.88	GSCH	non-mineralized	N-AML	<0.01	<0.5	9	57	5.3	20	710	1.5	<2	0.15	<0.5		5	97		12	2.29	20		1.35	30		0.17	118	1	0.12	24	520	
K-08-0166	E754632	38.88	41.27	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	25	0.81	22	110	<0.5	<2	2.71	<0.5		2	39		4	0.76	<10		0.26	10		0.04	235	<1	0.02	8	190	
K-08-0166	E754633	41.27	44.27	QTZT	non-mineralized	N-AML	0.01	<0.5	6	19	0.75	27	70	<0.5	<2	0.8	<0.5		1	43		4	1.5	<10		0.14	<10		0.07	225	1	0.01	7	340	
K-08-0166	E754634	44.27	47.27	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	10	0.54	15	80	<0.5	<2	0.11	<0.5		1	46		4	0.46	<10		0.16	10		0.04	54	<1	0.01	4	70	
K-08-0166	E754636	47.27	50.16	QTZT	non-mineralized	N-AML	<0.01	<0.5	16	19	0.3	14	40	<0.5	<2	0.27	<0.5		<1	42		13	0.42	<10		0.08	<10		0.04	70	1	0.01	4	60	
K-08-0166	E754637	50.16	52.45	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	24	0.38	16	60	<0.5	<2	0.04	<0.5		1	44		12	0.62	<10		0.12	<10		0.02	81	1	0.01	7	100	
K-08-0166	E754638	52.45	53.67	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	62	2.91	24	460	0.8	2	0.37	0.5		4	68		21	1.83	10		0.88	10		0.09	193	2	0.06	22	350	
K-08-0166	E754639	53.67	54.25	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	18	0.51	5	70	<0.5	<2	0.44	<0.5		1	29		4	0.56	<10		0.13	<10		0.03	196	1	0.01	5	60	
K-08-0166	E754641	54.25	57.3	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	41	2.21	7	410	0.6	<2	0.59	<0.5		3	57		12	1.31	10		0.65	10		0.1	139	<1	0.04	15	270	
K-08-0166	E754642	57.3	60.35	QTZT	non-mineralized	N-AML	<0.01	1.1	10	40	2.52	8	320	0.6	<2	0.73	<0.5		4	54		12	1.52	10		0.46	10		0.11	154	<1	0.07	17	340	
K-08-0166	E754643	60.35	63.35	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	26	1.24	6	170	<0.5	<2	0.1	<0.5		2	48		8	0.86	<10		0.29	10		0.05	123	<1	0.03	11	190	
K-08-0166	E754644	63.35	65.39	QTZT	non-mineralized	N-AML	0.02	<0.5	5	15	0.34	<5	50	<0.5	<2	0.18	<0.5		1	37		3	0.4	<10		0.06	<10		0.02	43	1	0.01	6	130	
K-08-0166	E754645	65.39	68.05	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	74	3.21	18	450	0.9	<2	0.14	<0.5		4	76		18	2.24	<10		0.61	10		0.08	135	1	0.12	25	620	
K-08-0166	E754646	68.05	71	GSCH	non-mineralized	N-AML	<0.01	<0.5	19	105	6.73	15	940	1.8	<2	0.76	<0.5		12	92		27	3.42	20		1.3	30		0.4	280	<1	0.21	49	670	
K-08-0166	E754647	71	74	GSCH	non-mineralized	N-AML	<0.01	<0.5	23	120	9.59	21	1330	2.7	<2	0.47	<0.5		13	121		28	4.34	30		1.9	30		0.48	205	<1	0.33	61	930	
K-08-0166	E754649	74	76.73	GSCH	non-mineralized	P-AML	<0.01	<0.5	21	137	9.86	21	1250	2.7	<2	0.4	<0.5		17	123		33	5.99	30		1.79	40		0.56	313	<1	0.3	65	1050	
K-08-0166	E754650	76.73	79.71	QTZT	non-mineralized	N-AML	0.02	<0.5	6	17	0.92	6	60	<0.5	<2	1.05	<0.5		3	39		8	1.6	<10		0.08	10		0.26	143	<1	0.02	11	270	
K-08-0166	E754651	79.71	81.31	GSCH	non-mineralized	N-AML	<0.01	<0.5	23	104	9.21	14	1300	2.8	<2	0.55	<0.5		10	124		26	3.52	20		2.11	30		0.5	155	<1	0.37	53	940	
K-08-0166	E754652	81.31	84.3	QTZT	non-mineralized	N-AML	0.01	<0.5	4	38	2.15	11	350	0.7	2	0.34	<0.5		2	63		13	1.14	10		0.56	10		0.14	152	<1	0.07	13	340	
K-08-0166	E754654	84.3	87.3	QTZT	non-mineralized	N-AML	0.02	<0.5	11	32	0.35	<5	60	<0.5	<2	0.14	<0.5		1	39		7	0.47	<10		0.11	<10		0.03	87	<1	0.01	2	140	
K-08-0166	E754655	87.3	88.92	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	15	0.31	5	60	<0.5	<2	0.04	<0.5		<1	39		3	0.32	<10		0.1	<10		0.02	30	<1	0.01	2	140	
K-08-0166	E754656	88.92	90.56	QTZT	mineralized	P-AML	<0.01	<0.5	<2	18	0.35	<5	60	<0.5	3	0.04	<0.5		<1	46		4	0.36	<10		0.1	10		0.02	26	<1	0.01	2	190	
K-08-0166	E754657	90.56	93.6	QTZT	mineralized	P-AML	<0.01	<0.5	<2	29	0.47	<5	70	<0.5	<2	0.04	<0.5		<1	43		6	0.49	<10		0.14	10		0.02	35	<1	0.01	3	160	
K-08-0166	E754659	93.6	95.48	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	32	2.4	5	370	0.6	<2	0.07	<0.5		<1	68		11	1.11	<10		0.75	10		0.08	49	<1	0.08	7	260	
K-08-0166	E754660	95.48	97.44	QTZT	mineralized	P-AML	<0.01	<0.5	<2	9	0.29	<5	50	<0.5	2	0.22	<0.5		<1	40		3	0.35	<10		0.09	<10		0.03	55	<1	0.01	3	120	
K-08-0166	E754661	97.44	98.15	QTZT	non-mineralized	N-AML	0.01	<0.5	8	9	0.22	<5	50	<0.5	<2	10.35	<0.5		<1	22		<1	0.43	<10		0.06	<10		0.06	175	<1	0.01	2	170	
K-08-0166	E754662	98.15	100.07	QTZT	non-mineralized	N-AML	0.02	<0.5	2	28	0.41	<5	60	<0.5	<2	0.22	<0.5		<1	36		6	0.49	<10		0.1	<10		0.03	87	<1	0.01	7	170	
K-08-0166	E754663	100.07	100.72	GSCH	non-mineralized	P-AML	0.01	0.6	20	63	5.82	30	880	1.6	<2	0.16	<0.5		3	123		27	2.6	20		1.57	30		0.2	96	<1	0.18	27	880	
K-08-0166	E754664	100.72	103.74	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	14	0.42	9	60	<0.5	<2	0.16	<0.5		<1	38		<1	0.58	<10		0.11	10		0.03	57	<1	0.01	5	160	
K-08-0166	E754666	103.74	106.74	QTZT	non-mineralized	N-AML	0.01	<0.5	5	15	0.33	6	70	<0.5	<2	0.04	<0.5		<1	41		<1	0.38	<10		0.11	<10		0.01	38	<1	0.01	4	130	
K-08-0166	E754667	106.74	109.74	QTZT	non-mineralized	N-AML	0.02	<0.5	2	15	0.32	12	60	<0.5	<2	0.05	<0.5		<1	49		1	0.84	<10		0.1	10		0.01	75	<1	0.01	4	170	
K-08-0166	E754668	109.74	112.74	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	12	0.44	15	60	<0.5	<2	0.45	<0.5		1	39		2	0.71	<10		0.09	<10		0.13	82	<1	0.01	6	160	
K-08-0166	E754669	112.74	115.04	GSCH	non-mineralized	N-AML	0.01	0.5	19	78	5.57	12	740	1.4	<2	1.47	<0.5		7	76		15	3.37	10		1.17	20		0.68	260	<1	0.19	36	630	
K-08-0166	E754671	115.04	116.12	QTZT	non-mineralized	N-AML	0.01	<0.5	15	31	0.98	5	90	<0.5	<2	0.96	<0.5		1	42		4	2.06	<10		0.15	10		0.33	220	<1	0.04	10	250	
K-08-0166	E754672	116.12	118.16	GSCH	non-mineralized	N-AML	<0.01	<0.5	22	114	6.88	14	750	1.6	<2	1.56	<0.5		11	86		33	4.84	20		1.12	30		0.91	348	<1	0.18	46	720	
K-08-0166	E754673	118.16	121.1	GSCH	non-mineralized	P-AML	0.01	<0.5	15	80	6.26	21	900	1.8	<2	0.51	<0.5		6	92		39	2.71	20		1.43	30		0.43	155	<1	0.21	36	650	
K-08-0166	E754675	121.1	124	QTZT	non-mineralized	N-AML	0.01	<0.5	4	10	0.35	<5	60	<0.5	<2	0.09	<0.5		2	44		5	0.39	<10		0.1	<10		0.03	35	<1	0.01	3	170	
K-08-0166	E754676	124	127	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	7	0.33	<5	60	<0.5	<2	0.58	<0.5		1	57		3	0.37	<10		0.1	10		0.05	56	<1	0.01	2	130	
K-08-0166	E754697	174.58	175.72	CQTZT	non-mineralized	N-AML	<0.01	<0.5	3	17	0.68	<5	120	<0.5	<2	4.98	<0.5		2	28		4	1.18	<10		0.14	<10		0.7	254	<1	0.02	4	410	
K-08-0166	E754677	127	130	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	12	0.43	<5	70	<0.5	<2	0.21	<0.5		2	57		4	0.62	<10		0.11	10		0.05	64	<1	0.01	7	210	
K-08-0166	E754678	130	133	QTZT	non-mineralized	N-AML	0.01	<0.5	5	14	0.42	<5	60	<0.5	<2	0.16	<0.5		2	36		5	0.51	<10		0.1	<10		0.07	47	<1	0.01	7	210	
K-08-0166	E754679	133	136	QTZT	non-mineralized	P-AML	0.01	<0.5	3	23	1.58	<5	230	<0.5	<2	0.54	<0.5		4	48		7	1.16	<10		0.36	10		0.22	114	<1	0.06	11	210	
K-08-0166	E754680	136	139	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	19	0.53	<5	60	<0.5	<2	0.52	<0.5		3	49		4	0.88	<10		0.06	10		0.15	78	<1	0.01	6	160	
K-08-0166	E754681	139	142	QTZT	non-mineralized	N-AML	0.01	<0.5	4	15	0.56	<5	90	<0.5	<2	2.27	<0.5		2	38		4	1.08	<10		0.11	<10		0.78	163	<1	0.02	3	230	
K-08-0166	E754682	142	145	QTZT	non-mineralized	N-AML	0.01	<0.5	5	11	0.5	<5	90	<0.5	<2	4.6	<0.5		2	28		5	1.55	<10		0.12	<10		1.58	249	<1	0.02	5	200	
K-08-0166	E754683	145	148	QTZT	non-mineralized	N-AML	0.01	<0.5	2	9	0.46	<5	50	<0.5	<2	1.11	<0.5		2	40		6	0.68	<10		0.06	<10		0.23	111	<1	0.01	4	100	
K-08-0166	E754684	148	151	GSCH	non-mineralized	N-AML	0.01	<0.5	12	69	5.09	9	800	1.3	<2	0.83	<0.5		7	95		18	2.4	10		1.02	20		0.46	172	<1	0.14	30	430	
K-08-0166	E754686	151	152.5	GSCH	non-mineralized	N-AML	0.02	0.7	12	72	4.08	10	750	1.3	<2	0.77	<0.5		8	93		46	2.22	10		0.94	10		0.35	155	6	0.13	44	590	
K-08-0166	E754687	152.5	155.5	QTZT	non-mineralized	P-AML	<0.01	<0.5	8	48	2.24	6	390	0.6	<2	0.49	<0.5		4	65		15	1.42	<10		0.48	10		0.23	111	3	0.08	21	210	
K-08-0166	E754688	155.5	158.5	QTZT	non-mineralized	N-AML	<0.01	0.9	10	60	2.72	8	460	0.7	<2	0.86	<0.5		5	66		23	1.54	<10		0.61	10		0.28	135	2	0.09	28	260	
K-08-0166	E754689	158.5	161.5	QTZT	non-mineralized	N-AML	0.01	<0.5	7	29	1.47	<5	180	<0.5	<2	0.86	<0.5		4	48		10	1.28	<10		0.25	10		0.34	138	1	0.04	13	150	
K-08-0166	E754690	161.5	164.5	QTZT	non-mineralized	N-AML	0.01	<0.5	6	26	1.15	<5	210	<0.5	<2	2.22	<0.5		2	42		6	1.06	<10		0.25	<10		0.23	190	<1	0.03	8	390	
K-08-0166	E754691	164.5	167.5	QTZT	non-mineralized	N-AML	0.01	<0.5	17	83	6.71	14	1100	1.7	<2	1.09	<0.5		10	112		27	2.92	20		1.34	10		0.55	202	2	0.14	44	610	
K-08-0166	E754693	167.5	169.13	GSCH	non-mineralized	N-AML	<0.01	0.9	33	118	6.84	16	740	1.7	<2	1.11	0.5		9	127		55	4.22	20		1.28	20		0.64	282	4	0.14	45	570	
K-08-0166	E754694	169.13	172.13	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	13	0.49	<5	60	<0.5	<2	0.52	<0.5		2	38		4	0.74	<10		0.07	<10		0.18	87	<1	0.01	7	80	
K-08-0166	E754695	172.13	174.58	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	15	1.08	<5	160	<0.5	<2	1.18	<0.5		3	49		5	0.66	<10		0.2	10		0.1	82	<1	0.04	8	180	
K-08-0166	E754698	175.72	176.7	GSCH	non-mineralized	P-AML	<0.01	0.5	12	107	8.02	9	1180	2.4	<2	0.6	<0.5		10	131		28	2.72	20		1.56	20		0.51	161	1	0.22	42	500	
K-08-0166	E754699	176.7	179.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	49	1.77	<5	230	0.5	<2	0.65	<0.5		3	52		9	1.05	<10		0.33	10		0.26	94	1	0.05	12	150	
K-08-0166	E754700	179.7	181.7	QTZT	non-mineralized	P-AML	<0.01	<0.5	7	30	2.24	<5	330	0.6	<2	0.74	<0.5		3	61		8	1.21	<10		0.44	10		0.31	106	<1	0.06	12	190	
K-08-0166	E754701	181.7	184.7	QTZT	non-mineralized	N-AML	<0.01	0.6	19	97	6.36	14	970	1.8	<2	1	<0.5		9	106		27	2.62	10		1.28	20		0.49	167	2	0.18	39	440	
K-08-0166	E754702	184.7	187.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	48	2.33	7	360	0.6	<2	1.94	<0.5		5	54		10	1.39	<10		0.49	10		0.44	132	1	0.08	17	420	
K-08-0166	E754704	187.7	190.73	QTZT	non-mineralized	N-AML	<0.01	<0.5	59	148	0.89	<5	120	<0.5	<2	0.68	1.7		2	41		5	0.56	<10		0.24	10		0.23	311	<1	0.03	6	130	
K-08-0166	E754705	190.73	193.7	QTZT	non-mineralized	N-AML	<0.01	1.1	117	259	0.37	5	60	<0.5	<2	3.63	2.8		2	27		3	1.44	<10		0.11	10		1.35	932	<1	0.01	4	110	
K-08-0166	E754706	193.7	196.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	14	41	0.44	<5	70	<0.5	2	3.96	<0.5		1	42		2	1.39	<10		0.12	10		1.29	320	1	0.01	4	120	
K-08-0166	E754707	196.7	199.7	QTZT	non-mineralized	P-AML	0.03	0.8	85	166	0.75	13	130	<0.5	<2	0.68	1.7		2	42		6	0.65	<10		0.24	10		0.09	270	<1	0.02	6	140	
K-08-0166	E754708	199.7	202.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	21	0.71	5	110	<0.5	2	0.6	<0.5		2	46		3	0.5	<10		0.18	10		0.07	69	1	0.02	5	130	
K-08-0166	E754709	202.7	203.98	QTZT	non-mineralized	N-AML	0.01	<0.5	3	29	1.46	11	240	<0.5	<2	1.6	<0.5		3	47		8	1.29	<10		0.45	10		0.29	235	1	0.05	8	560	
K-08-0166	E754711	203.98	206.98	GSCH	non-mineralized	P-AML	0.03	1.4	18	92	5.13	25	680	1.4	2	0.86	<0.5		7	84		31	2.72	10		1.33	20		0.44	185	3	0.16	33	580	
K-08-0166	E754712	206.98	209.44	QTZT	non-mineralized	P-AML	<0.01	0.5	48	261	0.88	7	120	<0.5	<2	0.52	3.5		2	47		11	0.87	<10		0.24	<10		0.2	162	1	0.02	6	110	
K-08-0166	E754713	209.44	209.7	QTZT	non-mineralized	P-AML	<0.01	7.6	2210	3770	0.39	5	90	<0.5	<2	0.05	56.7		1	36		4	0.32	<10		0.14	<10		0.02	142	1	0.01	3	70	
K-08-0166	E754714	209.7	212.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	21	0.37	6	70	<0.5	<2	0.14	<0.5		1	59		2	0.47	<10		0.09	<10		0.05	62	1	0.01	4	70	
K-08-0166	E754715	212.7	215.7	QTZT	non-mineralized	N-AML	0.01	<0.5	2	18	0.37	<5	170	<0.5	<2	0.08	<0.5		1	45		2	0.41	<10		0.1	<10		0.04	85	1	0.01	3	80	
K-08-0166	E754716	215.7	218	QTZT	non-mineralized	N-AML	0.01	0.6	2	31	0.49	<5	90	<0.5	<2	0.18	<0.5		1	59		3	0.54	<10		0.15	<10		0.07	156	1	0.01	5	70	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0166	E754717	218	220.22	QTZT	non-mineralized	N-AML	0.01	1.1	38	174	1.02	14	210	<0.5	2	0.89	1.7		3	49		7	1.12	<10		0.31	10		0.29	687	1	0.02	9	110	
K-08-0166	E754719	220.22	223	QTZT	non-mineralized	P-AML	0.01	5.5	81	140	4.58	26	870	1.3	<2	0.5	1.2		7	96		27	1.85	10		1.45	20		0.28	455	1	0.12	26	270	
K-08-0166	E754720	223	225	QTZT	non-mineralized	P-AML	0.02	0.8	35	94	3.19	19	610	0.8	<2	0.47	0.7		6	73		20	1.57	10		1.11	10		0.22	380	2	0.08	24	190	
K-08-0166	E754721	225	227	QTZT	non-mineralized	P-AML	0.01	1.8	72	387	1.27	14	240	<0.5	<2	0.66	4.3		3	48		8	1.2	<10		0.46	10		0.27	1470	3	0.02	11	110	
K-08-0166	E754722	227	228.48	QTZT	non-mineralized	P-AML	0.01	3	221	997	1.28	28	270	<0.5	3	0.56	10.8		3	50		6	1.39	<10		0.45	10		0.24	1830	4	0.03	18	130	
K-08-0166	E754723	228.48	230.1	QTZT	non-mineralized	N-AML	0.05	3.7	186	2420	1.82	170	410	0.5	<2	3.41	30.3		4	49		10	3.28	<10		0.66	10		0.92	8530	7	0.04	25	260	
K-08-0166	E754724	230.1	231.4	QTZT	non-mineralized	P-AML	0.06	2.7	460	187	0.9	160	200	<0.5	3	0.11	2.2		2	41		2	1.75	<10		0.31	<10		0.08	2700	1	0.03	9	260	
K-08-0166	E754725	231.4	233.55	QTZT	non-mineralized	P-AML	0.02	2.9	464	1210	2.22	93	420	0.5	3	0.17	14.7		6	58		3	2.18	<10		0.8	10		0.12	4750	1	0.06	18	440	
K-08-0166	E754726	233.55	234.81	QTZT	non-mineralized	N-AML	0.01	7.7	1970	122	0.38	17	70	<0.5	<2	0.15	1.6		1	37		2	0.91	<10		0.14	<10		0.06	2180	1	0.01	4	150	
K-08-0166	E754727	234.81	236.12	QTZT	mineralized	P-AML	0.01	81	15400	363	0.28	9	60	<0.5	2	0.29	5.6		1	34		37	2.86	<10		0.1	<10		0.19	10950	<1	0.01	3	90	
K-08-0166	E754729	236.12	236.55	QTZT	mineralized	P-AML	0.08	915	3480	96300	0.32	22	80	<0.5	4	0.28	1000		7	31		707	4.77	<10		0.11	<10		0.3	15350	<1	0.01	27	90	
K-08-0166	E754730	236.55	237.52	QTZT	mineralized	P-AML	0.1	413	6290	2780	0.28	27	30	<0.5	4	0.29	37.8		2	19		486	9.92	<10		0.09	<10		0.51	42000	1	0.01	5	130	
K-08-0166	E754732	237.52	238.45	QTZT	non-mineralized	N-AML	<0.01	6.3	170	295	0.34	17	10	<0.5	2	0.15	3.2		1	30		8	3.95	<10		0.1	<10		0.16	15400	1	0.02	3	140	
K-08-0166	E754733	238.45	240.1	QTZT	non-mineralized	N-AML	<0.01	1.9	182	494	3.76	24	760	1.1	<2	1.4	5		6	81		7	2.6	10		1.11	20		0.27	3890	1	0.25	22	4150	
K-08-0166	E754734	240.1	242	QTZT	non-mineralized	N-AML	<0.01	2.4	189	505	3.9	23	790	1.1	<2	1.45	5.2		5	79		7	2.69	10		1.13	20		0.28	4010	1	0.26	24	4300	
K-08-0166	E754735	242	242.84	QTZT	non-mineralized	N-AML	3.62	1.4	10	49	0.77	5	130	<0.5	<2	1.23	<0.5		1	39		5	1.09	<10		0.22	10		0.31	247	1	0.03	6	310	
K-08-0166	E754736	242.84	244	QTZT	non-mineralized	P-AML	<0.01	<0.5	7	48	3.38	17	640	0.9	4	0.46	<0.5		5	73		25	1.76	10		0.96	10		0.31	166	4	0.14	28	270	
K-08-0166	E754737	244	246.5	QTZT	non-mineralized	P-AML	0.02	<0.5	8	24	1.81	15	240	0.5	2	0.36	<0.5		3	55		6	1.55	<10		0.39	10		0.18	121	1	0.11	13	190	
K-08-0166	E754739	246.5	249	QTZT	non-mineralized	P-AML	0.01	1.4	14	48	3.61	19	480	0.9	<2	0.41	<0.5		6	78		16	2.32	10		0.73	20		0.28	159	3	0.19	25	500	
K-08-0166	E754740	249	250.85	QTZT	non-mineralized	P-AML	<0.01	<0.5	3	34	2.41	14	320	0.6	3	0.42	<0.5		4	62		9	1.61	<10		0.46	10		0.22	114	1	0.14	16	230	
K-08-0167	E770776	4.57	6.82	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	35	0.47	<5	50	<0.5	3	0.57	0.6		2	46		4	0.7	<10		0.07	<10		0.04	140	<1	0.01	5	130	
K-08-0167	E770777	6.82	8.23	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	57	0.43	<5	50	<0.5	6	0.14	1.1		2	38		3	0.66	<10		0.06	<10		0.04	234	<1	0.01	6	120	
K-08-0167	E770778	8.23	11.28	QTZT	non-mineralized	N-AML	<0.01	13.7	7	60	1.14	<5	140	<0.5	5	0.09	1.1		1	55		31	0.72	<10		0.21	10		0.05	206	<1	0.07	10	150	
K-08-0167	E770779	11.28	14.33	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	37	1.17	<5	180	<0.5	4	0.06	<0.5		2	44		7	0.81	<10		0.24	10		0.05	50	<1	0.07	5	180	
K-08-0167	E770780	14.33	17.37	QTZT	non-mineralized	N-AML	<0.01	0.5	11	90	2.94	10	590	0.8	8	0.04	0.5		3	64		37	2.11	10		0.73	10		0.17	170	4	0.09	23	310	
K-08-0167	E770781	17.37	20.42	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	78	2.87	11	420	1	4	0.08	0.6		3	74		18	1.88	10		0.68	10		0.14	162	1	0.09	22	530	
K-08-0167	E770782	20.42	23.47	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	39	0.97	5	100	<0.5	6	0.06	0.5		1	50		5	0.84	<10		0.18	10		0.05	134	<1	0.04	12	280	
K-08-0167	E770783	23.47	25.81	GSCH	non-mineralized	N-AML	<0.01	0.6	14	97	5.47	13	610	1.5	6	0.09	0.6		8	91		17	2.92	10		1.25	30		0.19	204	<1	0.11	35	630	
K-08-0167	E770784	25.81	27.7	GSCH	non-mineralized	N-AML	<0.01	0.6	18	150	5.6	17	610	1.6	5	0.07	1.1		6	93		18	2.93	10		1.37	30		0.22	262	<1	0.11	35	540	
K-08-0167	E770785	27.7	29.57	QTZT	non-mineralized	N-AML	<0.01	<0.5	20	182	0.53	<5	60	<0.5	6	0.01	1.1		1	45		5	0.82	<10		0.16	<10		0.03	239	<1	0.01	7	130	
K-08-0167	E770786	29.57	32.61	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	76	2.31	12	220	0.5	4	0.3	0.8		3	55		10	1.76	10		0.49	10		0.14	172	<1	0.04	17	440	
K-08-0167	E770787	32.61	35.66	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	77	2.14	<5	200	0.5	<2	0.25	<0.5		3	64		9	1.65	10		0.4	10		0.14	155	1	0.04	19	310	
K-08-0167	E770788	35.66	38.71	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	63	1.93	11	170	0.5	<2	0.08	<0.5		4	56		11	1.74	<10		0.35	10		0.1	155	1	0.05	22	420	
K-08-0167	E770789	38.71	41.76	QTZT	non-mineralized	N-AML	<0.01	0.6	17	60	4.72	13	550	1.4	<2	0.16	<0.5		3	97		14	2.4	10		1.12	20		0.17	137	1	0.16	17	520	
K-08-0167	E770790	41.76	44.81	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	76	2.87	13	270	0.7	<2	0.11	<0.5		5	68		10	1.97	<10		0.56	20		0.17	167	<1	0.06	16	390	
K-08-0167	E770792	44.81	47.85	QTZT	non-mineralized	N-AML	0.01	0.7	25	176	3.51	28	420	0.8	<2	0.21	<0.5		3	79		15	2.06	10		0.88	20		0.17	291	1	0.09	23	600	
K-08-0167	E770794	47.85	50.9	QTZT	non-mineralized	N-AML	<0.01	0.5	15	126	3.99	18	400	1	<2	0.1	<0.5		4	77		13	2.12	10		0.97	20		0.21	148	1	0.08	25	370	
K-08-0167	E770795	50.9	54	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	50	0.62	<5	60	<0.5	<2	0.03	<0.5		2	49		5	0.55	10		0.13	10		0.04	139	1	0.01	5	100	
K-08-0167	E770797	54	57.1	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	97	2.4	30	260	0.7	<2	0.08	<0.5		4	72		8	1.42	10		0.58	10		0.13	144	1	0.06	16	330	
K-08-0167	E770798	57.1	60.05	QTZT	non-mineralized	N-AML	0.01	<0.5	13	148	0.36	25	60	<0.5	<2	0.04	2		1	37		4	0.73	<10		0.11	<10		0.02	267	<1	0.01	4	180	
K-08-0167	E770799	60.05	63.1	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	88	0.86	11	90	<0.5	<2	0.4	0.5		2	39		5	0.84	<10		0.2	10		0.04	304	1	0.03	8	210	
K-08-0167	E770800	63.1	66.14	QTZT	mineralized	P-AML	<0.01	<0.5	<2	45	0.58	5	50	<0.5	<2	0.07	<0.5		2	36		4	0.65	<10		0.12	10		0.02	152	1	0.02	5	110	
K-08-0167	E770801	66.14	68.27	QTZT	non-mineralized	N-AML	<0.01	<0.5	17	87	0.91	10	80	<0.5	<2	0.05	0.5		3	43		7	0.72	10		0.23	10		0.03	153	1	0.04	10	120	
K-08-0167	E770802	68.27	70.51	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	45	0.92	11	90	<0.5	<2	0.03	<0.5		<1	43		6	0.76	<10		0.21	10		0.03	71	<1	0.05	7	130	
K-08-0167	E770803	70.51	73.5	GSCH	non-mineralized	N-AML	<0.01	<0.5	24	102	7.96	21	820	2.1	<2	0.34	<0.5		7	130		23	3.57	20		2.11	30		0.46	150	1	0.16	43	660	
K-08-0167	E770804	73.5	76.49	GSCH	non-mineralized	N-AML	<0.01	0.5	15	102	4.24	16	490	1.1	<2	1.89	<0.5		8	84		24	2.54	10		1.04	20		0.44	357	1	0.09	29	460	
K-08-0167	E770805	76.49	79	GSCH	non-mineralized	N-AML	<0.01	0.5	12	65	3.5	9	440	1	<2	0.85	<0.5		5	74		13	1.9	10		0.79	20		0.21	226	<1	0.12	21	570	
K-08-0167	E770807	79	81.98	GSCH	non-mineralized	N-AML	<0.01	<0.5	9	263	1.69	7	230	0.6	<2	0.75	2.1		5	52		9	1.19	<10		0.41	10		0.1	911	<1	0.06	17	380	
K-08-0167	E770808	81.98	84.73	GSCH	non-mineralized	N-AML	<0.01	0.9	11	137	4.19	15	500	1.2	<2	0.74	<0.5		7	83		15	2.06	10		0.99	20		0.2	339	1	0.1	31	610	
K-08-0167	E770809	84.73	87.75	QTZT	non-mineralized	N-AML	<0.01	1.8	7	61	0.88	8	120	<0.5	2	0.15	0.6		1	44		5	0.6	<10		0.26	10		0.04	123	<1	0.03	4	120	
K-08-0167	E770810	87.75	90.28	QTZT	non-mineralized	N-AML	<0.01	11.6	10	105	0.36	12	50	<0.5	<2	0.03	0.8		1	41		4	0.51	<10		0.09	10		0.02	64	<1	0.01	2	130	
K-08-0167	E770812	90.28	93.3	QTZT	non-mineralized	N-AML	<0.01	2.9	22	222	2.37	21	390	0.6	<2	0.58	3.6		3	56		11	1.56	10		0.65	10		0.08	246	1	0.08	15	320	
K-08-0167	E770813	93.3	96.35	QTZT	non-mineralized	N-AML	<0.01	1.1	21	139	2.63	12	310	0.7	<2	0.47	1.1		2	65		8	1.42	10		0.78	20		0.13	272	1	0.05	15	260	
K-08-0167	E770814	96.35	99.26	QTZT	non-mineralized	N-AML	<0.01	0.6	9	87	1.39	<5	170	<0.5	<2	0.51	1.1		2	52		6	1.2	10		0.43	10		0.1	137	<1	0.03	6	180	
K-08-0167	E770815	99.26	102.3	QTZT	non-mineralized	N-AML	<0.01	1.9	7	163	0.68	16	90	<0.5	<2	0.07	2.6		1	42		4	0.67	10		0.19	10		0.05	103	<1	0.01	3	80	
K-08-0167	E770817	102.3	105.3	QTZT	non-mineralized	N-AML	<0.01	1.2	7	71	0.65	11	90	<0.5	2	0.21	0.7		1	41		4	0.64	<10		0.2	10		0.04	99	<1	0.01	3	90	
K-08-0167	E770818	105.3	108.3	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	87	2.3	14	290	0.6	<2	0.36	0.7		3	61		10	1.51	10		0.6	10		0.15	97	<1	0.05	13	300	
K-08-0167	E770819	108.3	111.37	QTZT	non-mineralized	N-AML	<0.01	1.7	55	200	0.69	11	120	<0.5	<2	0.24	3		2	41		3	0.49	<10		0.23	10		0.05	172	<1	0.02	4	90	
K-08-0167	E770820	111.37	114.4	QTZT	non-mineralized	N-AML	<0.01	3.1	69	501	1.04	17	140	<0.5	2	0.21	9.6		3	51		4	1.01	<10		0.33	10		0.05	1435	1	0.02	8	180	
K-08-0167	E770821	114.4	117.4	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	93	2	10	360	0.5	<2	0.78	0.7		2	56		10	1.36	<10		0.58	10		0.18	94	<1	0.04	15	270	
K-08-0167	E770822	117.4	120.42	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	119	2.01	11	330	0.5	<2	1.83	1.8		3	59		9	1.23	<10		0.54	10		0.22	184	<1	0.05	13	270	
K-08-0167	E770823	120.42	123.45	QTZT	non-mineralized	N-AML	<0.01	0.5	73	167	1.21	6	200	<0.5	<2	1.47	2.6		2	51		13	1.21	<10		0.33	10		0.35	391	<1	0.05	10	270	
K-08-0167	E770824	123.45	126.41	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	57	1.72	<5	290	<0.5	<2	1.45	0.7		1	63		8	1.14	<10		0.41	10		0.18	109	<1	0.05	11	360	
K-08-0167	E770826	126.41	129.41	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	47	1.3	<5	190	<0.5	<2	1.49	<0.5		2	53		6	1.21	<10		0.3	10		0.2	101	<1	0.04	10	350	
K-08-0167	E770827	129.41	132.48	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	86	5.1	10	640	1.3	<2	1.06	0.5		7	89		20	3.17	10		0.94	20		0.48	203	<1	0.18	32	540	
K-08-0167	E770829	132.48	135.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	28	0.36	<5	80	<0.5	2	0.12	<0.5		1	53		1	0.36	<10		0.11	10		0.03	48	1	0.01	2	150	
K-08-0167	E770830	135.5	138.51	QTZT	non-mineralized	N-AML	<0.01	0.8	7	27	0.36	<5	70	<0.5	<2	0.09	<0.5		1	40		1	0.4	<10		0.12	10		0.02	63	1	0.01	3	170	
K-08-0167	E770831	138.51	141.56	QTZT	non-mineralized	N-AML	<0.01	0.5	18	69	1.77	8	280	0.5	<2	0.13	<0.5		1	70		10	0.98	10		0.5	10		0.08	161	<1	0.04	10	290	
K-08-0167	E770832	141.56	144.54	QTZT	non-mineralized	N-AML	0.02	1.2	59	174	1.71	58	260	<0.5	2	0.06	1.4		1	51		4	1.68	10		0.57	10		0.09	2260	<1	0.05	7	320	
K-08-0167	E770833	144.54	147.56	QTZT	non-mineralized	N-AML	0.06	2.4	269	370	3.76	38	560	1	<2	0.99	2.8		1	76		5	1.89	10		1.27	20		0.43	537	<1	0.12	9	410	
K-08-0167	E770834	147.56	150.57	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	79	0.83	6	120	<0.5	2	0.42	0.5		1	44		3	0.85	<10		0.22	10		0.15	204	1	0.03	7	210	
K-08-0167	E770835	150.57	152.29	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	101	0.66	<5	100	<0.5	2	0.18	0.5		2	39		2	0.56	<10		0.18	10		0.07	365	1	0.02	6	140	
K-08-0167	E770836	152.29	154.33	GSCH	non-mineralized	N-AML	<0.01	0.6	12	223	4.98	22	800	1.3	<2	1.25	0.5		8	94		13	2.81	10		1.19	20		0.42	447	<1	0.16	32	560	
K-08-0167	E770838	154.33	157.58	GSCH	non-mineralized	N-AML	<0.01	0.5	8	109	6.47	20	940	1.6	<2	1.18	<0.5		7	112		14	2.94	20		1.4	30		0.39	252	<1	0.17	36	690	
K-08-0167	E770839	157.58	160.63	GSCH	non-mineralized	N-AML	<0.01	0.8	17	128	9.22	33	1460	2.5	<2	0.98	<0.5		12	158		25	4.04	20		2.08	40		0.57	192	<1	0.25	60	880	
K-08-0167	E770840	160.63	163.68	GSCH	non-mineralized	N-AML	<0.01	0.6	12	96	6.98	20	1060	1.7	<2	1.58	0.6		7	127		17	3.38	20		1.52	40		0.49	175	<1	0.18	36	680	
K-08-0167	E770841	163.68	166.73	GSCH	non-mineralized	N-AML	0.01	1	13	62	3.06	19	460	0.7	<2	1.85	0.5		4	72		12	2.27	10		0.63	20		0.44	171	<1	0.08	25	440	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0167	E770842	166.73	169.77	GSCH	non-mineralized	N-AML	0.02	0.9	31	160	3.6	26	570	0.8	<2	1.42	1.7		5	78		12	2.51	10		0.88	20		0.54	393	<1	0.1	28	600	
K-08-0167	E770844	169.77	170.26	GSCH	non-mineralized	N-AML	0.02	2.9	30	133	5.13	33	760	1.2	<2	1.47	0.9		7	88		14	2.8	10		1.52	20		0.52	580	1	0.13	33	1770	
K-08-0167	E770845	170.26	171.53	GSCH	non-mineralized	N-AML	0.02	3.6	63	234	3.79	25	650	1	<2	0.85	2.2		5	80		12	2.28	10		1.17	20		0.31	963	1	0.1	26	920	
K-08-0167	E770846	171.53	173.05	GSCH	non-mineralized	N-AML	0.02	0.8	12	131	6.58	29	1080	1.6	<2	0.89	0.6		7	117		16	3.1	20		1.66	30		0.45	289	1	0.16	37	790	
K-08-0167	E770847	173.05	175.03	QTZT	non-mineralized	N-AML	0.01	0.6	11	157	4.04	16	590	1	<2	1.09	0.5		4	81		10	2.12	10		0.97	20		0.35	344	1	0.08	23	460	
K-08-0167	E770849	175.03	175.86	QTZT	non-mineralized	N-AML	<0.01	1.4	17	190	4.22	30	600	1	<2	0.94	0.7		8	80		20	2.34	10		1.1	30		0.3	389	2	0.09	31	490	
K-08-0167	E770850	175.86	176.74	QTZT	non-mineralized	P-AML	0.01	3.3	468	1230	4.61	34	650	1.4	<2	0.41	10.9		5	103		13	2.18	10		1.37	20		0.19	715	1	0.11	26	500	
K-08-0167	E770851	176.74	176.94	QTZT	mineralized	P-AML	0.18	758	142000	4140	0.74	184	90	<0.5	49	0.06	76.4		2	50		26	6.3	<10		0.2	10		0.16	14550	1	0.03	15	370	
K-08-0167	E770852	176.94	177.4	QTZT	mineralized	P-AML	0.05	6.7	1250	6200	0.36	73	70	<0.5	<2	0.05	91.9		2	35		5	2.66	<10		0.12	10		0.11	6940	<1	0.01	8	140	
K-08-0167	E770853	177.4	177.81	QTZT	mineralized	P-AML	0.02	2.9	322	39400	0.33	40	60	<0.5	<2	0.01	577		10	21		8	1.31	<10		0.11	<10		0.02	1310	<1	0.01	30	90	
K-08-0167	E770855	177.81	178.79	QTZT	mineralized	P-AML	0.01	1.6	276	6970	0.4	312	80	<0.5	<2	0.02	101		2	36		4	1.22	<10		0.14	<10		0.04	2040	<1	0.01	7	100	
K-08-0167	E770856	178.79	180.4	QTZT	non-mineralized	P-AML	0.02	4.4	361	945	1.2	25	200	<0.5	<2	0.19	13.4		3	54		5	1.32	<10		0.43	10		0.09	1330	1	0.03	10	290	
K-08-0167	E770857	180.4	181.31	QTZT	non-mineralized	P-AML	0.08	7	1040	2230	3.93	59	540	1.3	<2	0.53	26.9		4	91		9	5.42	10		1.36	20		0.21	13550	1	0.09	24	2630	
K-08-0167	E770858	181.31	182.37	QTZT	non-mineralized	P-AML	0.01	2.9	332	1060	5.22	34	780	1.4	<2	0.26	11.5		5	101		13	3.29	10		1.4	30		0.25	2710	1	0.11	30	760	
K-08-0167	E770859	182.37	184.14	QTZT	non-mineralized	P-AML	0.04	<0.5	15	268	1.77	37	250	<0.5	<2	0.36	0.7		5	45		8	1.67	<10		0.45	10		0.14	1480	1	0.05	21	290	
K-08-0167	E770860	184.14	185.13	QTZT	non-mineralized	N-AML	0.02	0.7	14	476	2.17	28	290	0.6	<2	2.7	3.3		4	53		8	1.64	<10		0.56	10		0.19	755	<1	0.06	20	500	
K-08-0167	E770861	185.13	185.7	QTZT	non-mineralized	P-AML	0.11	8.3	1840	1530	1.67	139	170	0.5	<2	0.2	22.3		3	46		6	4.19	10		0.52	10		0.16	9790	1	0.04	14	400	
K-08-0167	E770862	185.7	186.6	QTZT	non-mineralized	P-AML	0.03	4.3	711	1280	3.13	48	480	0.7	<2	0.1	16.1		4	73		6	1.51	10		1.12	10		0.08	1735	<1	0.07	13	390	
K-08-0167	E770863	186.6	188.06	QTZT	non-mineralized	N-AML	0.01	<0.5	53	184	0.23	9	40	<0.5	<2	0.01	1.9		<1	36		3	0.47	<10		0.08	<10		0.01	118	<1	0.01	5	60	
K-08-0167	E770864	188.06	189.2	QTZT	non-mineralized	N-AML	0.02	1.1	145	775	2.15	22	110	<0.5	<2	2.85	3.1		13	61		50	3.21	10		0.2	<10		0.97	1835	<1	0.02	32	430	
K-08-0167	E770865	189.2	190.51	QTZT	non-mineralized	P-AML	0.02	5.1	684	1310	1.4	22	190	<0.5	<2	0.64	14.3		4	41		5	2.22	<10		0.43	10		0.33	3950	<1	0.04	17	280	
K-08-0167	E770867	190.51	192.19	QTZT	non-mineralized	P-AML	0.01	0.7	18	127	8.99	43	1380	2.5	2	0.7	<0.5		12	143		25	3.78	30		2.06	20		0.55	199	<1	0.25	56	870	
K-08-0167	E770868	192.19	193.88	QTZT	non-mineralized	P-AML	0.01	<0.5	16	120	7.65	39	870	2.3	<2	0.67	<0.5		11	124		31	3.4	20		1.77	20		0.47	162	<1	0.26	49	710	
K-08-0167	E770870	193.88	195	QTZT	non-mineralized	P-AML	0.02	<0.5	21	43	1.38	15	170	<0.5	<2	0.71	<0.5		3	46		12	1.46	<10		0.25	10		0.3	125	1	0.03	16	150	
K-08-0168	E777812	16.7	17.42	SSCH	non-mineralized	N-AML	<0.01	0.6	5	90	6.84	21	300	0.6	3	7.58	<0.5		37	144		124	7.94	20		0.42	10		3.16	1035	<1	0.15	87	620	
K-08-0167	E770871	195	198	QTZT	non-mineralized	P-AML	0.01	<0.5	8	31	1.31	10	190	<0.5	2	0.42	<0.5		2	50		9	1.42	<10		0.26	10		0.18	121	3	0.04	16	170	
K-08-0167	E770872	198	201	QTZT	non-mineralized	P-AML	0.02	<0.5	10	44	3	8	510	0.8	<2	0.39	<0.5		4	66		9	1.66	10		0.69	10		0.2	113	1	0.08	20	260	
K-08-0167	E770873	201	203.97	QTZT	non-mineralized	N-AML	0.02	<0.5	6	25	1.14	9	150	<0.5	<2	0.96	<0.5		2	46		3	1.34	<10		0.21	10		0.19	150	1	0.03	10	240	
K-08-0167	E770874	203.97	207.02	QTZT	non-mineralized	N-AML	0.01	1.2	24	99	0.88	7	160	<0.5	<2	5.35	1.1		1	35		4	1.95	<10		0.22	<10		1.38	512	1	0.03	7	380	
K-08-0167	E770875	207.02	209.88	QTZT	non-mineralized	N-AML	0.02	0.7	23	55	0.76	7	90	<0.5	<2	1.55	<0.5		1	39		2	1.13	<10		0.15	10		0.4	218	1	0.03	7	280	
K-08-0167	E770876	209.88	211.72	QTZT	non-mineralized	N-AML	0.02	<0.5	11	103	5.95	19	700	1.5	2	1.46	0.6		9	104		18	2.11	20		1.42	20		0.28	89	1	0.21	38	580	
K-08-0167	E770877	211.72	213.67	QTZT	non-mineralized	P-AML	<0.01	0.9	16	106	6.52	26	320	1.8	<2	1.28	0.7		10	110		21	2.69	10		1.44	30		0.31	98	1	0.25	45	900	
K-08-0167	E770879	213.67	216.67	QTZT	non-mineralized	N-AML	0.02	<0.5	8	29	1.68	11	270	0.5	<2	1.37	<0.5		3	48		5	1.2	10		0.35	10		0.15	130	1	0.06	11	250	
K-08-0167	E770880	216.67	219.66	QTZT	non-mineralized	N-AML	0.02	<0.5	5	19	0.55	9	90	<0.5	<2	0.52	<0.5		1	37		2	0.67	<10		0.14	<10		0.07	105	1	0.02	6	130	
K-08-0167	E770881	219.66	220.39	QTZT	non-mineralized	N-AML	0.01	<0.5	5	18	0.32	<5	50	<0.5	<2	0.31	<0.5		<1	33		1	0.64	<10		0.09	<10		0.04	81	1	0.01	2	80	
K-08-0167	E770882	220.59	222.17	QTZT	non-mineralized	N-AML	<0.01	0.5	19	91	4.18	11	770	1.1	<2	0.77	1		5	82		10	1.49	10		1.05	20		0.15	99	1	0.17	25	390	
K-08-0167	E770883	222.17	224.63	QTZT	non-mineralized	N-AML	0.02	0.6	82	215	0.35	<5	70	<0.5	<2	6.87	2.2		1	18		<1	1.44	<10		0.11	<10		1.27	1125	1	0.01	2	120	
K-08-0168	E777805	6.1	9	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	64	1.41	26	170	<0.5	<2	0.03	<0.5		5	77		11	1.28	<10		0.3	10		0.12	195	<1	0.03	11	150	
K-08-0168	E777806	9	12	QTZT	non-mineralized	N-AML	0.01	<0.5	3	79	0.65	10	60	<0.5	<2	0.17	<0.5		3	52		7	0.88	<10		0.09	<10		0.08	245	<1	0.01	11	100	
K-08-0168	E777808	12	15.35	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	61	0.4	6	70	<0.5	<2	0.06	<0.5		3	34		5	0.76	<10		0.11	10		0.03	239	<1	0.01	7	80	
K-08-0168	E777809	15.35	15.65	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	14	0.38	9	70	<0.5	<2	0.18	<0.5		2	51		4	0.61	<10		0.09	<10		0.07	105	<1	0.02	2	80	
K-08-0168	E777811	15.65	16.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	50	2.89	21	410	0.8	2	2.01	<0.5		5	64		10	1.7	10		0.79	10		0.21	302	<1	0.07	21	340	
K-08-0168	E777813	17.42	19	QTZT	mineralized	P-AML	0.01	<0.5	<2	11	0.51	6	70	<0.5	<2	0.12	<0.5		1	59		4	0.76	<10		0.1	10		0.04	105	<1	0.04	5	80	
K-08-0168	E777834	54.96	55.34	CQTZT	non-mineralized	N-AML	0.02	<0.5	7	56	2.16	10	480	0.5	<2	9.86	<0.5		4	44		5	2.32	<10		0.69	10		0.13	522	<1	0.04	18	790	
K-08-0168	E777814	19	21.33	QTZT	mineralized	P-AML	<0.01	<0.5	<2	33	0.55	29	80	<0.5	3	0.89	<0.5		2	39		4	0.82	<10		0.14	10		0.03	232	<1	0.03	6	110	
K-08-0168	E777815	21.33	22.01	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	56	4.44	45	480	1.3	<2	0.1	<0.5		4	107		13	2.17	10		1.17	20		0.15	152	<1	0.17	21	410	
K-08-0168	E777817	22.01	22.31	QTZT	non-mineralized	N-AML	0.03	0.7	24	99	2.03	25	240	0.5	<2	0.4	0.6		11	71		20	3.3	10		0.53	10		0.11	441	1	0.08	52	2040	
K-08-0168	E777818	22.31	24.08	QTZT	non-mineralized	N-AML	0.02	0.5	7	59	1.28	5	160	<0.5	<2	0.09	<0.5		3	44		4	1.29	<10		0.32	10		0.05	135	<1	0.06	17	510	
K-08-0168	E777819	24.08	25.19	QTZT	mineralized	P-AML	0.01	<0.5	<2	30	0.54	<5	60	<0.5	<2	0.03	<0.5		3	53		1	0.77	<10		0.11	10		0.02	157	<1	0.04	8	140	
K-08-0168	E777841	64.38	65.18	CQTZT	mineralized	P-AML	0.02	<0.5	<2	32	0.36	6	130	<0.5	<2	4.68	<0.5		<1	37		1	3.18	<10		0.06	<10		0.98	672	<1	0.01	5	400	
K-08-0168	E777820	25.19	27.39	GSCH	non-mineralized	N-AML	0.02	<0.5	15	89	6.45	18	710	1.9	<2	0.06	<0.5		5	108		20	2.96	20		1.65	30		0.22	103	<1	0.21	33	530	
K-08-0168	E777821	27.39	30	QTZT	non-mineralized	N-AML	0.02	6.8	11	17	0.52	27	60	<0.5	<2	0.03	<0.5		2	54		<1	0.6	<10		0.16	10		0.02	67	<1	0.02	5	90	
K-08-0168	E777822	30	33	QTZT	non-mineralized	N-AML	0.02	3.7	102	17	0.44	5	50	<0.5	<2	0.09	<0.5		1	45		<1	0.55	<10		0.1	10		0.02	75	<1	0.01	4	90	
K-08-0168	E777823	33	35	QTZT	mineralized	P-AML	0.01	<0.5	<2	35	0.36	<5	40	<0.5	2	0.16	<0.5		2	63		<1	0.8	<10		0.07	10		0.02	128	<1	0.01	5	100	
K-08-0168	E777824	35	37.4	QTZT	non-mineralized	N-AML	0.02	<0.5	2	59	1.16	13	170	<0.5	<2	0.1	<0.5		3	46		8	1.6	<10		0.28	10		0.05	163	1	0.04	17	300	
K-08-0168	E777825	37.4	39.78	GSCH	non-mineralized	N-AML	0.01	<0.5	7	63	4.83	17	730	1.3	3	0.15	<0.5		5	105		13	2.62	10		1.27	20		0.16	145	1	0.14	27	460	
K-08-0168	E777827	39.78	42.37	QTZT	non-mineralized	N-AML	0.01	<0.5	3	45	2.65	5	330	0.7	<2	0.1	<0.5		4	82		6	1.79	10		0.67	20		0.11	135	<1	0.05	18	360	
K-08-0168	E777828	42.37	46.14	QTZT	non-mineralized	N-AML	0.01	0.6	6	74	1.37	9	180	<0.5	<2	0.06	<0.5		1	46		2	0.87	<10		0.44	10		0.06	114	<1	0.03	9	140	
K-08-0168	E777829	46.14	48.81	QTZT	mineralized	P-AML	0.01	<0.5	<2	27	0.37	<5	50	<0.5	2	0.04	<0.5		1	54		<1	0.64	<10		0.12	10		0.03	132	<1	0.01	5	70	
K-08-0168	E777830	48.81	51	QTZT	non-mineralized	N-AML	0.01	<0.5	6	55	0.38	10	60	<0.5	<2	0.02	<0.5		1	42		<1	0.71	<10		0.13	10		0.02	191	<1	0.01	5	60	
K-08-0168	E777832	51	53.1	QTZT	non-mineralized	N-AML	0.03	<0.5	6	51	0.33	9	50	<0.5	2	0.02	<0.5		1	41		<1	0.53	<10		0.12	<10		0.01	160	<1	<0.01	6	60	
K-08-0168	E777833	53.1	54.96	QTZT	non-mineralized	N-AML	0.02	<0.5	2	75	1.52	14	250	<0.5	<2	0.23	<0.5		3	59		6	1.59	<10		0.43	10		0.07	240	<1	0.03	15	220	
K-08-0168	E777836	55.34	58	QTZT	non-mineralized	N-AML	0.02	0.8	5	37	2.48	7	370	0.6	2	0.73	<0.5		3	60		10	1.58	10		0.6	10		0.1	133	1	0.05	16	360	
K-08-0168	E777837	58	60	QTZT	mineralized	P-AML	<0.01	<0.5	<2	22	1.04	<5	140	<0.5	3	0.7	<0.5		2	69		4	1.26	<10		0.22	10		0.05	133	1	0.02	11	230	
K-08-0168	E777838	60	62.08	QTZT	non-mineralized	N-AML	0.02	0.5	2	20	1	6	170	<0.5	<2	0.24	<0.5		2	41		4	0.91	<10		0.24	10		0.04	97	1	0.02	11	200	
K-08-0168	E777839	62.08	62.38	GSCH	non-mineralized	N-AML	0.01	<0.5	8	86	4.14	16	400	0.9	<2	0.21	<0.5		9	82		12	3.86	10		0.51	20		0.2	434	<1	0.07	33	770	
K-08-0168	E777840	62.38	64.38	QTZT	mineralized	P-AML	0.01	<0.5	<2	15	0.94	<5	160	<0.5	<2	0.16	<0.5		1	50		2	0.77	<10		0.21	10		0.02	72	<1	0.05	7	150	
K-08-0168	E777842	65.18	67	QTZT	mineralized	P-AML	0.02	<0.5	<2	21	0.84	5	130	<0.5	<2	0.36	<0.5		2	45		5	0.89	<10		0.16	10		0.05	91	<1	0.04	12	220	
K-08-0168	E777843	67	70.02	QTZT	non-mineralized	N-AML	0.01	<0.5	4	26	1.89	11	330	0.6	<2	0.88	<0.5		2	66		7	1.43	<10		0.37	10		0.05	117	<1	0.09	12	340	
K-08-0168	E777845	70.02	73	GSCH	non-mineralized	N-AML	0.03	0.5	14	123	5.32	16	1040	2.2	<2	0.58	<0.5		11	131		26	4.53	20		1.43	10		0.24	272	1	0.23	60	780	
K-08-0168	E777846	73	76	GSCH	non-mineralized	N-AML	0.01	0.5	14	148	9.63	16	1440	3.1	<2	0.73	<0.5		14	139		28	6.07	30		1.96	20		0.52	330	<1	0.28	70	1010	
K-08-0168	E777847	76	79	GSCH	non-mineralized	N-AML	0.02	<0.5	21	111	8.95	22	1260	2.5	<2	0.58	<0.5		15	112		27	4.78	20		1.72	30		0.46	264	1	0.24	60	830	
K-08-0168	E777849	79	82	GSCH	non-mineralized	N-AML	0.01	<0.5	22	120	8.74	7	1190	2.3	<2	0.2	<0.5		12	114		28	4.68	20		1.61	30		0.34	218	1	0.24	57	820	
K-08-0168	E777850	82	85	GSCH	non-mineralized	N-AML	0.02	<0.5	24	112	8.52	12	1040	2.3	<2	0.39	<0.5		14	110		24	4.77	20		1.54	30		0.49	241	1	0.23	57	820	
K-08-0168	E777851	85	86.14	GSCH	non-mineralized	N-AML	0.01	<0.5	27	132	10.05	11	1140	2.7	<2	0.25	<0.5		16	122		25	5.53	20		1.81	30		0.49	273	1	0.29	63	900	
K-08-0168	E777852	86.14	88	QTZT	non-mineralized	N-AML	0.02	<0.5	4	21	1.35	10	200	<0.5	<2	0.03	<0.5		2	60		6	0.89	10		0.32	10		0.05	59	<1	0.06	10	190	
K-08-0168	E777853	88	89.4	QTZT	non-mineralized	N-AML	0.01	<0.5	5	31	1.97	11	290	0.6	<2	0.05	<0.5		1	75		11	1.18	10		0.5	10		0.05	52	1	0.09	9	360	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0168	E777854	89.4	92	QTZT	mineralized	P-AML	0.01	<0.5	<2	26	0.35	<5	60	<0.5	<2	0.03	<0.5		1	43		3	0.54	<10		0.1	<10		0.02	63	<1	0.01	3	150	
K-08-0168	E777855	92	95	QTZT	non-mineralized	N-AML	<0.01	0.5	2	24	0.33	<5	60	<0.5	<2	0.03	<0.5		1	36		1	0.39	<10		0.11	<10		0.01	57	<1	0.01	2	160	
K-08-0168	E777857	95	98	QTZT	non-mineralized	N-AML	0.01	<0.5	19	75	0.78	6	110	<0.5	<2	0.03	0.5		2	47		6	0.82	<10		0.24	10		0.02	85	<1	0.02	5	220	
K-08-0168	E777858	98	101	QTZT	non-mineralized	N-AML	0.01	<0.5	6	67	0.78	<5	100	<0.5	<2	0.03	<0.5		1	49		5	0.92	<10		0.19	10		0.03	67	<1	0.02	8	180	
K-08-0168	E777879	131.64	134.71	SCH	non-mineralized	N-AML	<0.01	<0.5	20	56	3.53	14	550	0.9	<2	1.23	<0.5		3	78		10	1.81	10		1.08	20		0.11	89	1	0.12	18	960	
K-08-0168	E777859	101	102.73	QTZT	non-mineralized	N-AML	0.02	<0.5	12	45	0.39	<5	60	<0.5	<2	0.02	<0.5		1	66		3	0.74	<10		0.12	10		0.02	80	<1	0.01	6	150	
K-08-0168	E777860	102.73	103.13	QTZT	non-mineralized	N-AML	0.02	<0.5	6	259	0.42	<5	90	<0.5	<2	6.13	4.2		2	20		2	0.81	<10		0.1	<10		0.04	1470	<1	0.01	11	210	
K-08-0168	E777861	103.13	104.07	QTZT	non-mineralized	N-AML	0.01	<0.5	3	38	0.35	<5	60	<0.5	<2	0.07	<0.5		1	54		2	0.37	<10		0.12	<10		0.02	76	<1	0.01	4	120	
K-08-0168	E777862	104.07	104.66	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	114	0.36	<5	90	<0.5	<2	3.54	1.9		1	23		5	0.78	<10		0.11	<10		0.04	677	1	0.01	6	200	
K-08-0168	E777863	104.66	107.58	QTZT	non-mineralized	N-AML	<0.01	<0.5	40	110	0.42	5	60	<0.5	<2	0.06	1.1		2	40		1	0.61	<10		0.14	10		0.02	385	1	0.01	4	160	
K-08-0168	E777864	107.58	108.06	QTZT	non-mineralized	N-AML	0.01	0.8	20	48	7.59	20	1290	2	<2	0.07	<0.5		1	150		15	1.91	20		2.45	40		0.24	73	1	0.22	11	470	
K-08-0168	E777887	148.84	151	SCH	non-mineralized	P-AML	<0.01	<0.5	16	99	8.98	10	1270	2.4	<2	0.7	<0.5		12	106		16	4.03	30		1.93	30		0.59	198	<1	0.29	48	790	
K-08-0168	E777888	151	154	SCH	non-mineralized	P-AML	0.01	<0.5	16	118	9.7	13	1420	2.7	<2	0.69	<0.5		15	115		20	4.91	30		1.89	30		0.67	252	<1	0.24	55	840	
K-08-0168	E777889	154	157	SCH	non-mineralized	N-AML	0.01	<0.5	32	89	7.61	8	1170	2	<2	1.18	<0.5		12	93		16	3.86	20		1.53	30		0.71	235	<1	0.21	43	640	
K-08-0168	E777891	157	160	SCH	non-mineralized	P-AML	<0.01	<0.5	39	149	10.4	9	1650	2.9	<2	0.39	<0.5		15	122		29	4.77	20		2.06	40		0.58	212	<1	0.28	61	890	
K-08-0168	E777892	160	163	SCH	non-mineralized	N-AML	<0.01	<0.5	35	91	9.11	<5	1510	2.8	<2	0.81	<0.5		11	110		15	3.38	10		2.08	30		0.6	188	<1	0.32	45	740	
K-08-0168	E777894	163	165	SCH	non-mineralized	P-AML	0.01	<0.5	19	118	10.65	7	1390	2.7	<2	0.64	<0.5		16	122		20	4.94	20		2	30		0.67	273	1	0.26	57	1010	
K-08-0168	E777895	165	167.34	SCH	non-mineralized	N-AML	<0.01	<0.5	17	112	9.96	8	1350	2.6	<2	0.44	<0.5		14	116		25	4.23	30		1.96	20		0.57	216	<1	0.27	58	880	
K-08-0168	E777866	108.06	109.7	QTZT	non-mineralized	N-AML	0.03	<0.5	4	35	0.64	6	70	<0.5	<2	0.2	<0.5		2	40		2	0.77	<10		0.17	10		0.09	173	<1	0.01	7	220	
K-08-0168	E777867	109.7	110.31	QTZT	non-mineralized	N-AML	0.03	6.9	24	70	8.15	39	1180	2.5	<2	0.13	<0.5		1	155		19	2.21	10		2.52	40		0.26	59	1	0.26	12	770	
K-08-0168	E777869	110.31	113	QTZT	non-mineralized	N-AML	0.01	<0.5	49	51	0.4	7	60	<0.5	3	0.04	0.5		1	38		1	0.44	<10		0.13	10		0.02	67	1	0.02	3	160	
K-08-0168	E777870	113	116.02	QTZT	non-mineralized	N-AML	0.02	<0.5	8	60	0.44	10	70	<0.5	<2	0.12	0.6		3	46		2	0.59	<10		0.15	10		0.02	244	<1	0.01	7	200	
K-08-0168	E777871	116.02	116.62	QTZT	non-mineralized	N-AML	0.01	0.5	16	98	6.53	29	1060	2	<2	0.1	<0.5		4	101		46	2.21	10		1.82	30		0.18	76	2	0.23	25	420	
K-08-0168	E777872	116.62	119.66	QTZT	non-mineralized	N-AML	0.02	0.5	6	37	1.07	<5	150	<0.5	<2	0.18	<0.5		3	37		13	1.04	<10		0.26	10		0.08	54	1	0.03	11	270	
K-08-0168	E777873	119.66	121.41	QTZT	non-mineralized	N-AML	0.01	<0.5	15	59	4.48	14	660	1.3	<2	0.33	<0.5		5	78		21	1.96	10		1.12	20		0.19	77	1	0.19	26	830	
K-08-0168	E777874	121.41	124	QTZT	non-mineralized	N-AML	0.02	<0.5	2	24	1.17	5	170	<0.5	<2	0.11	<0.5		4	42		7	0.76	<10		0.31	10		0.06	47	1	0.04	8	220	
K-08-0168	E777875	124	127	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	10	0.49	5	60	<0.5	<2	0.13	<0.5		2	39		<1	0.48	<10		0.13	10		0.04	70	1	0.01	4	180	
K-08-0168	E777876	127	129	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	3	0.29	<5	40	<0.5	<2	0.21	<0.5		1	49		<1	0.31	<10		0.1	10		0.03	39	1	0.01	2	130	
K-08-0168	E777878	129	131.64	QTZT	non-mineralized	N-AML	0.01	<0.5	21	31	0.35	<5	50	<0.5	<2	0.11	<0.5		2	40		4	0.32	<10		0.11	10		0.02	42	<1	0.01	4	130	
K-08-0168	E777880	134.71	137	QTZT	non-mineralized	N-AML	<0.01	1.8	46	135	0.66	9	90	<0.5	<2	0.08	2.4		3	46		5	0.61	<10		0.21	10		0.03	312	<1	0.02	7	180	
K-08-0168	E777881	137	140	QTZT	non-mineralized	N-AML	0.02	0.9	92	80	0.38	<5	60	<0.5	<2	0.03	1.2		<1	36		<1	0.46	<10		0.14	10		0.01	270	<1	0.01	<1	140	
K-08-0168	E777882	140	143	QTZT	non-mineralized	N-AML	0.03	0.6	34	149	1.65	32	270	0.5	<2	0.13	1.8		2	49		14	1.04	<10		0.53	10		0.07	281	1	0.05	12	240	
K-08-0168	E777883	143	145.13	QTZT	non-mineralized	N-AML	0.02	<0.5	16	111	1.35	19	190	<0.5	<2	0.42	1.1		4	37		12	1.26	<10		0.45	10		0.18	264	<1	0.05	16	190	
K-08-0168	E777884	145.13	147	QTZT	non-mineralized	P-AML	0.03	<0.5	16	93	6.46	32	1030	2	<2	0.34	0.5		8	83		17	1.99	20		1.92	20		0.27	214	<1	0.29	36	330	
K-08-0168	E777886	147	148.84	QTZT	non-mineralized	N-AML	0.03	0.5	9	77	3.45	17	380	0.9	<2	1.1	<0.5		7	59		12	2.33	10		0.69	10		0.56	212	<1	0.13	27	360	
K-08-0168	E777896	167.34	169.62	GSCH	non-mineralized	N-AML	0.01	<0.5	6	38	2.28	<5	270	0.5	<2	1.76	<0.5		4	47		5	2.03	10		0.42	10		0.72	225	<1	0.06	17	340	
K-08-0168	E777897	169.62	172.34	GSCH	non-mineralized	P-AML	<0.01	0.6	21	93	7.8	20	1070	2.2	<2	0.61	<0.5		10	124		19	3.21	20		1.72	30		0.38	144	1	0.34	43	1030	
K-08-0168	E777898	172.34	175.34	GSCH	non-mineralized	P-AML	<0.01	0.6	15	47	3.24	10	460	0.9	<2	0.75	<0.5		4	78		11	1.69	10		0.66	10		0.23	126	1	0.11	22	660	
K-08-0168	E777899	175.34	178.09	GSCH	non-mineralized	P-AML	<0.01	0.5	19	64	3.39	11	490	0.9	2	0.51	<0.5		6	79		15	1.83	10		0.7	10		0.25	122	1	0.09	23	410	
K-08-0168	E777900	178.09	180.08	GSCH	non-mineralized	P-AML	0.01	0.6	19	96	6.28	10	1050	1.9	<2	0.61	<0.5		9	108		24	2.72	10		1.31	20		0.44	165	1	0.15	40	490	
K-08-0168	E777901	180.08	182.27	GSCH	non-mineralized	N-AML	0.01	0.7	18	83	6.04	17	1040	1.8	<2	1.06	<0.5		9	100		35	2.77	10		1.4	20		0.48	179	3	0.13	43	1710	
K-08-0168	E777902	182.27	185.25	GSCH	non-mineralized	N-AML	0.01	<0.5	11	32	2.77	8	370	0.7	<2	0.81	<0.5		5	66		15	1.95	10		0.49	10		0.31	126	1	0.07	22	370	
K-08-0168	E777903	185.25	187.2	GSCH	non-mineralized	P-AML	0.01	<0.5	12	45	3.44	8	410	0.8	<2	0.61	<0.5		5	76		13	2.12	10		0.56	10		0.3	135	1	0.08	23	360	
K-08-0168	E777904	187.2	189.2	GSCH	non-mineralized	N-AML	<0.01	<0.5	21	39	2.92	8	380	0.7	2	0.84	<0.5		4	73		15	1.81	10		0.49	10		0.29	149	1	0.07	21	280	
K-08-0168	E777905	191.75	194.77	GSCH	non-mineralized	N-AML	0.01	<0.5	15	73	5.7	11	780	1.4	<2	0.83	<0.5		7	105		16	2.93	10		1	20		0.47	186	1	0.13	34	490	
K-08-0168	E777906	194.77	197.82	GSCH	non-mineralized	P-AML	0.01	<0.5	14	62	5.39	6	790	1.5	<2	0.7	<0.5		7	103		13	2.22	10		1.05	20		0.36	152	1	0.13	30	460	
K-08-0168	E777908	197.82	200.86	GSCH	non-mineralized	N-AML	0.01	<0.5	13	63	5.14	10	730	1.5	<2	0.88	<0.5		6	97		13	2.34	10		0.96	20		0.4	165	1	0.13	32	450	
K-08-0168	E777909	200.86	203.91	GSCH	non-mineralized	P-AML	<0.01	<0.5	14	55	2.98	6	410	0.7	<2	0.7	<0.5		5	76		11	1.87	10		0.54	10		0.3	143	<1	0.05	20	330	
K-08-0168	E777910	203.91	206.76	GSCH	non-mineralized	N-AML	0.01	0.5	16	91	5.07	19	650	1.3	<2	0.83	<0.5		9	95		25	3.21	10		0.86	20		0.42	225	1	0.09	38	1000	
K-08-0168	E777911	206.76	208.64	QTZT	non-mineralized	P-AML	0.01	0.8	9	602	1.41	10	250	<0.5	<2	0.75	9.2		3	59		6	1.24	<10		0.37	10		0.17	303	<1	0.03	14	320	
K-08-0168	E777912	208.64	209.88	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	18	0.53	7	100	<0.5	2	7.48	<0.5		<1	22		17	2.13	<10		0.12	10		2	423	<1	0.01	3	490	
K-08-0168	E777913	210.08	211.08	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	20	0.37	<5	50	<0.5	<2	3.28	<0.5		1	28		11	0.64	<10		0.07	10		0.14	132	<1	0.01	5	260	
K-08-0168	E777915	211.08	214.08	QTZT	non-mineralized	N-AML	0.01	<0.5	6	82	3.66	15	330	<0.5	2	2.3	0.5		14	54		37	3.16	10		0.43	10		0.51	486	1	0.03	26	620	
K-08-0168	E777916	214.08	217.13	QTZT	non-mineralized	N-AML	<0.01	1.5	158	546	0.84	6	160	<0.5	<2	5.13	5.9		1	27		4	1.51	<10		0.28	10		0.65	2070	<1	0.02	10	330	
K-08-0168	E777917	217.13	218.5	GSCH	non-mineralized	P-AML	0.01	6.4	139	317	7.23	33	280	2.4	<2	1.12	3.3		13	132		22	3.38	20		2.11	20		0.2	694	1	0.19	62	1590	
K-08-0168	E777919	218.5	220.1	QTZT	non-mineralized	N-AML	0.01	1.3	98	188	0.6	5	130	<0.5	<2	5.21	1.8		1	25		5	1.55	<10		0.19	10		1.29	879	<1	0.01	6	640	
K-08-0168	E777920	220.1	220.92	QTZT	non-mineralized	N-AML	0.02	0.7	56	196	0.35	<5	210	<0.5	<2	7.59	1.8		1	14		2	1.81	<10		0.1	10		1.65	1190	<1	0.01	3	300	
K-08-0168	E777941	245.36	248.39	CQTZT	non-mineralized	N-AML	<0.01	<0.5	8	37	1.07	<5	240	<0.5	<2	2.45	<0.5		1	43		6	1.02	<10		0.23	10		0.18	136	1	0.05	10	340	
K-08-0168	E777942	248.39	251.39	CQTZT	non-mineralized	N-AML	<0.01	<0.5	7	30	1.19	<5	280	<0.5	<2	1.52	<0.5		1	41		4	1.06	<10		0.26	10		0.12	99	1	0.05	10	400	
K-08-0168	E777943	251.39	253.39	CQTZT	non-mineralized	N-AML	<0.01	<0.5	6	50	1.26	<5	280	<0.5	<2	4.13	<0.5		1	44		5	1.08	<10		0.3	10		0.16	151	1	0.07	9	470	
K-08-0168	E777921	220.92	223.91	QTZT	non-mineralized	N-AML	<0.01	1.9	161	505	0.39	5	60	<0.5	<2	1.6	5.4		1	38		3	0.66	<10		0.13	<10		0.07	474	1	0.01	5	290	
K-08-0168	E777922	223.91	225.56	QTZT	non-mineralized	N-AML	<0.01	2.1	319	861	0.37	<5	60	<0.5	<2	1.52	9.3		2	43		4	0.72	<10		0.13	<10		0.08	1355	1	0.01	4	280	
K-08-0168	E777923	225.56	227.05	QTZT	non-mineralized	P-AML	<0.01	1.9	182	761	1.23	10	210	<0.5	<2	0.35	8		3	46		6	1.03	<10		0.36	10		0.1	912	1	0.03	15	190	
K-08-0168	E777924	227.05	228.05	QTZT	non-mineralized	N-AML	<0.01	1.8	539	1380	0.31	7	50	<0.5	<2	0.42	16.3		2	32		3	1.39	<10		0.11	<10		0.19	5250	1	0.01	4	90	
K-08-0168	E777925	228.05	229.05	QTZT	non-mineralized	N-AML	<0.01	3.5	1050	2610	0.44	33	120	<0.5	<2	4.47	27		<1	23		2	6.61	<10		0.16	<10		1.88	21400	1	0.01	3	140	
K-08-0168	E777926	229.05	229.43	QTZT	non-mineralized	N-AML	<0.01	2.8	150	578	3.22	66	560	0.6	<2	1.16	2.8		12	71		5	3.95	10		1.12	10		0.36	8680	1	0.06	39	390	
K-08-0168	E777928	229.43	229.89	QTZT	non-mineralized	N-AML	0.02	1.4	47	1250	1.12	12	160	<0.5	2	2.37	1.6		14	29		12	5	<10		0.38	<10		0.66	19600	3	0.02	26	170	
K-08-0168	E777929	229.89	231.09	QTZT	non-mineralized	P-AML	0.02	23.3	1265	1210	2.17	33	400	0.6	<2	0.17	8.8		8	57		17	2.67	<10		0.7	10		0.2	6070	3	0.03	39	220	
K-08-0168	E777930	231.09	231.43	QTZT	mineralized	P-AML	0.03	292	29300	257	0.81	20	160	<0.5	<2	0.05	4.5		2	38		10	1.8	<10		0.3	<10		0.07	4090	2	0.01	10	100	
K-08-0168	E777931	231.43	231.83	QTZT	mineralized	P-AML	0.01	240	5260	9170	1.4	35	210	<0.5	<2	0.1	110		5	45		35	3.18	<10		0.52	10		0.11	8500	2	0.02	21	140	
K-08-0168	E777933	231.83	232.79	QTZT	non-mineralized	P-AML	0.02	12.3	978	1200	4.67	68	620	1	<2	0.26	12.2		10	87		12	2.75	10		1.68	20		0.14	2710	1	0.12	31	740	
K-08-0168	E777935	232.79	234.82	QTZT	non-mineralized	P-AML	<0.01	2.1	185	508	1.55	9	400	<0.5	<2	0.71	4.4		3	44		2	1.29	<10		0.53	10		0.15	1320	1	0.05	13	590	
K-08-0168	E777936	234.82	236.47	QTZT	non-mineralized	N-AML	<0.01	0.5	17	98	2.07	6	500	0.5	<2	1.69	<0.5		4	56		7	1.57	10		0.6	10		0.17	336	1	0.07	16	440	
K-08-0168	E777937	236.47	239.09	GSCH	non-mineralized	N-AML	<0.01	<0.5	15	102	4.79	8	1130	1.2	<2	1.76	0.5		6	96		15	2.07	10		1.26	20		0.34	220	1	0.13	30	780	
K-08-0168	E777938	239.09	241.3	GSCH	non-mineralized	N-AML	<0.01	<0.5	13	112	4.46	11	950	1.1	<2	1.59	<0.5		5	91		11	2.18	10		1.03	20		0.41	237	1	0.1	29	700	
K-08-0168	E777939	241.3	242.87	GSCH	non-mineralized	N-AML	<0.01	<0.5	8	48	1.85	6	380	<0.5	<2	2.59	<0.5		2	51		7	1.37	<10		0.39	10		0.33	160	1	0.04	16	400	
K-08-0168	E777940	242.87	245.36	GSCH	non-mineralized	N-AML	<0.01	<0.5	12	97	4.81	13	1080	1.3	<2	0.83	<0.5		7	103		19	2.16	10		1.16	30		0.27	126	2	0.15	35	750	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0168	E777944	253.39	256.39	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	79	2.97	6	620	0.8	<2	1.28	<0.5		4	68		11	1.53	10		0.71	20		0.21	129	1	0.1	21	540	
K-08-0168	E777945	256.39	259.39	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	44	0.35	<5	60	<0.5	<2	0.57	<0.5		<1	45		3	0.53	<10		0.1	10		0.17	125	1	0.01	5	110	
K-08-0168	E777947	259.39	262.39	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	33	0.88	<5	110	<0.5	<2	0.95	<0.5		1	31		4	0.9	<10		0.18	10		0.33	184	1	0.21	5	160	
K-08-0168	E777948	262.39	263.82	QTZT	non-mineralized	P-AML	<0.01	<0.5	9	65	2.8	16	480	0.8	<2	0.44	<0.5		4	66		9	1.34	10		0.73	20		0.19	148	1	0.09	19	550	
K-08-0168	E777949	263.82	266.82	QTZT	non-mineralized	N-AML	0.02	<0.5	4	31	0.49	94	80	<0.5	<2	0.12	<0.5		1	32		3	0.55	<10		0.15	<10		0.04	110	1	0.01	6	180	
K-08-0168	E777950	266.82	269.82	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	38	0.34	7	50	<0.5	<2	3.37	<0.5		<1	40		1	1.8	<10		0.08	<10		0.98	382	1	0.01	5	360	
K-08-0168	E777951	269.82	272.86	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	33	0.29	<5	50	<0.5	<2	1.67	<0.5		<1	31		2	1.04	<10		0.07	<10		0.5	295	1	0.01	4	120	
K-08-0168	E777952	272.86	274.02	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	22	0.3	17	50	<0.5	<2	1.07	<0.5		1	33		4	0.89	<10		0.07	<10		0.33	178	1	0.01	5	160	
K-08-0168	E777954	274.02	276.45	QTZT	non-mineralized	N-AML	<0.01	<0.5	17	51	0.31	<5	50	<0.5	<2	1.3	<0.5		<1	32		5	0.96	<10		0.09	<10		0.39	300	1	0.01	3	140	
K-08-0169	E603342	3.05	6	QTZT	non-mineralized	N-AML	0.02	<0.5	4	53	1.33	<5	160	<0.5	<2	0.08	<0.5		2	52		8	1.17	<10		0.24	10		0.07	148	1	0.09	9	350	
K-08-0169	E603343	6	9	QTZT	mineralized	P-AML	<0.01	<0.5	<2	47	0.61	<5	50	<0.5	<2	0.19	<0.5		2	47		4	1.02	<10		0.07	10		0.06	186	1	0.01	10	250	
K-08-0169	E603344	9	12	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	79	1.05	<5	130	<0.5	<2	0.17	0.7		2	48		5	1.1	<10		0.19	10		0.06	138	1	0.05	10	260	
K-08-0169	E603346	12	14	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	46	1.54	5	230	0.5	<2	0.11	<0.5		2	51		4	0.98	10		0.33	10		0.08	81	1	0.08	5	230	
K-08-0169	E603347	14	16.42	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	62	1	6	180	<0.5	<2	0.07	0.5		3	40		7	1	<10		0.22	10		0.06	114	1	0.05	9	270	
K-08-0169	E603348	16.42	19	GSCH	non-mineralized	N-AML	<0.01	<0.5	6	71	3.88	9	760	1.2	<2	0.03	<0.5		2	69		34	2.35	10		0.92	20		0.24	140	3	0.12	16	300	
K-08-0169	E603349	19	22	GSCH	non-mineralized	N-AML	<0.01	<0.5	4	48	2.26	6	330	0.7	<2	0.06	<0.5		3	60		10	1.43	10		0.51	10		0.1	135	1	0.06	14	310	
K-08-0169	E603350	22	25	GSCH	non-mineralized	N-AML	<0.01	<0.5	6	44	1.66	7	220	0.5	<2	0.09	<0.5		2	60		6	0.94	<10		0.41	10		0.06	163	1	0.06	9	440	
K-08-0169	E603351	25	28	GSCH	non-mineralized	N-AML	<0.01	0.7	16	66	4.95	13	590	1.4	2	0.06	<0.5		5	87		12	2.8	10		1.25	20		0.18	255	<1	0.11	26	430	
K-08-0169	E603352	28	30	GSCH	non-mineralized	N-AML	<0.01	0.5	18	120	5.86	20	650	1.7	<2	0.11	0.8		9	96		19	3.26	20		1.39	20		0.26	273	<1	0.12	39	610	
K-08-0169	E603353	30	31.9	GSCH	non-mineralized	N-AML	<0.01	0.7	8	119	3.71	13	370	0.9	<2	0.08	0.6		5	70		11	2.08	10		0.87	20		0.17	200	<1	0.07	20	380	
K-08-0169	E603354	31.9	34	QTZT	mineralized	P-AML	<0.01	<0.5	<2	39	0.9	<5	90	<0.5	<2	0.55	<0.5		2	49		4	0.83	<10		0.21	10		0.04	106	1	0.02	7	170	
K-08-0169	E603356	34	35.8	QTZT	mineralized	P-AML	<0.01	<0.5	<2	97	0.94	5	90	<0.5	<2	0.06	0.8		2	46		4	1	<10		0.2	10		0.07	125	1	0.02	9	260	
K-08-0169	E603357	35.8	38.4	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	206	2.33	6	200	0.7	<2	0.1	1.8		6	51		11	2.3	10		0.46	10		0.15	226	<1	0.04	26	510	
K-08-0169	E603359	38.4	41	QTZT	non-mineralized	N-AML	<0.01	<0.5	17	81	2.02	9	210	<0.5	<2	2.02	<0.5		3	52		9	1.81	10		0.45	10		0.65	245	1	0.04	13	410	
K-08-0169	E603360	41	44	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	63	4.24	13	480	1.2	<2	0.23	<0.5		3	81		8	1.81	10		0.99	20		0.14	117	<1	0.13	15	390	
K-08-0169	E603361	44	47	QTZT	non-mineralized	N-AML	0.01	<0.5	6	62	2.02	11	190	0.5	2	0.11	<0.5		3	71		17	1.51	10		0.38	10		0.12	126	<1	0.05	13	310	
K-08-0169	E603362	47	50	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	100	1.74	15	170	0.5	<2	2.29	0.5		2	51		21	1.21	<10		0.37	10		0.1	167	<1	0.04	12	430	
K-08-0169	E603363	50	52.72	QTZT	non-mineralized	N-AML	0.01	<0.5	7	165	2.89	41	310	0.8	<2	0.33	0.5		3	73		17	1.85	10		0.66	10		0.16	202	<1	0.07	19	470	
K-08-0169	E603365	52.72	55	GSCH	non-mineralized	N-AML	<0.01	0.5	17	119	7.45	18	740	2	<2	0.15	0.6		8	123		23	3.68	20		1.86	30		0.33	251	<1	0.14	42	680	
K-08-0169	E603385	99.5	101.2	CQTZT	non-mineralized	N-AML	0.01	2	16	400	2.84	49	390	0.9	<2	0.67	5.1		12	71		24	2.36	10		0.77	20		0.14	544	<1	0.06	45	980	
K-08-0169	E603366	55	58	GSCH	non-mineralized	N-AML	0.01	0.6	16	99	6.06	20	620	1.7	<2	0.1	<0.5		6	103		24	2.84	10		1.57	20		0.27	182	<1	0.14	36	660	
K-08-0169	E603367	58	61	GSCH	non-mineralized	N-AML	<0.01	0.5	12	169	4.77	22	560	1.4	<2	0.15	0.9		6	99		18	2.25	10		1.16	20		0.22	345	<1	0.13	24	620	
K-08-0169	E603369	61	63.24	GSCH	non-mineralized	N-AML	<0.01	0.9	15	165	7.19	26	840	1.9	<2	0.24	0.6		7	136		25	3.57	20		1.74	40		0.39	217	<1	0.15	43	1140	
K-08-0169	E603370	63.24	63.71	GSCH	non-mineralized	N-AML	<0.01	0.7	17	174	7.87	27	970	2.8	<2	0.29	0.6		10	152		28	3.49	20		2.03	40		0.34	235	1	0.21	55	1220	
K-08-0169	E603371	63.71	66	GSCH	non-mineralized	N-AML	<0.01	<0.5	2	56	0.59	9	50	<0.5	<2	0.06	0.5		2	48		6	0.76	<10		0.1	<10		0.04	139	<1	0.01	7	240	
K-08-0169	E603372	66	69	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	95	0.71	8	60	<0.5	<2	0.87	0.8		2	39		6	0.71	<10		0.14	<10		0.05	242	<1	0.02	7	180	
K-08-0169	E603373	69	72	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	37	0.84	7	90	<0.5	2	0.05	0.5		1	38		5	0.6	<10		0.21	10		0.02	87	<1	0.03	5	130	
K-08-0169	E603374	72	75.3	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	58	0.9	9	80	<0.5	2	0.07	0.5		3	44		5	0.58	<10		0.19	10		0.03	110	<1	0.04	8	110	
K-08-0169	E603376	75.3	77.43	QTZT	non-mineralized	N-AML	<0.01	<0.5	14	77	0.65	8	60	<0.5	<2	0.04	0.8		3	41		6	0.7	<10		0.13	10		0.03	146	<1	0.03	6	140	
K-08-0169	E603398	124.83	125.2	CQTZT	non-mineralized	N-AML	<0.01	9.5	14	902	0.36	30	40	<0.5	<2	6.27	17.7		5	34		4	1.48	<10		0.05	10		0.08	1415	<1	<0.01	13	660	
K-08-0169	E603377	77.43	80	GSCH	non-mineralized	N-AML	<0.01	0.7	18	95	3.72	13	370	0.9	<2	0.18	0.7		11	71		13	2.42	10		0.86	20		0.2	155	<1	0.08	29	520	
K-08-0169	E603378	80	83	GSCH	non-mineralized	N-AML	<0.01	0.9	18	163	7.44	13	860	2	<2	0.19	0.9		15	118		26	3.53	20		1.92	30		0.41	209	<1	0.14	43	740	
K-08-0169	E603379	83	86	GSCH	non-mineralized	N-AML	<0.01	0.5	13	159	5.28	11	720	1.4	<2	0.72	1.1		9	94		14	2.53	10		1.22	20		0.23	297	<1	0.13	25	1010	
K-08-0169	E603380	86	89	GSCH	non-mineralized	N-AML	<0.01	<0.5	6	244	1.25	8	140	<0.5	<2	0.72	1.9		8	46		6	1.32	<10		0.29	10		0.07	905	<1	0.03	18	330	
K-08-0169	E603381	89	91.61	GSCH	non-mineralized	N-AML	<0.01	<0.5	8	153	2.66	13	320	0.7	<2	1.12	1.2		8	58		8	1.63	10		0.61	10		0.12	568	<1	0.05	20	400	
K-08-0169	E603382	91.61	94	QTZT	non-mineralized	N-AML	<0.01	3.7	6	67	0.54	10	60	<0.5	<2	0.04	0.8		2	38		1	0.55	<10		0.13	10		0.03	76	<1	0.01	4	90	
K-08-0169	E603383	94	97	QTZT	non-mineralized	N-AML	0.06	4.9	8	51	0.4	51	60	<0.5	<2	0.02	0.5		2	59		1	0.45	10		0.12	10		0.01	36	<1	0.01	3	70	
K-08-0169	E603384	97	99.5	QTZT	non-mineralized	N-AML	0.01	2.5	8	133	0.35	70	50	<0.5	<2	0.03	2		3	50		3	0.52	<10		0.1	10		0.01	233	<1	0.01	4	100	
K-08-0169	E603387	101.2	104	QTZT	non-mineralized	N-AML	<0.01	1.4	3	121	0.74	8	110	<0.5	<2	0.06	1.5		3	45		2	0.61	<10		0.21	10		0.02	101	<1	0.02	5	120	
K-08-0169	E603388	104	107	QTZT	non-mineralized	N-AML	<0.01	1.4	8	135	2.89	17	350	0.7	<2	0.22	1.3		6	72		5	1.46	10		0.79	20		0.13	111	<1	0.06	15	250	
K-08-0169	E603389	107	110	QTZT	non-mineralized	N-AML	<0.01	1.5	15	236	1.35	13	170	<0.5	2	1.19	3.8		4	58		3	1.07	<10		0.38	10		0.07	521	<1	0.03	9	160	
K-08-0169	E603391	110	113	QTZT	non-mineralized	N-AML	<0.01	0.5	4	72	1.65	8	220	<0.5	<2	0.4	0.6		4	64		2	1.09	10		0.39	10		0.12	77	<1	0.03	11	190	
K-08-0169	E603392	113	115	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	20	0.78	<5	80	<0.5	<2	0.85	<0.5		3	45		3	0.78	<10		0.14	10		0.11	69	<1	0.01	8	210	
K-08-0169	E603393	115	116.71	QTZT	non-mineralized	N-AML	<0.01	0.7	8	100	3.75	17	470	1	2	1.26	1.3		7	82		11	1.9	10		0.91	20		0.19	116	<1	0.08	20	470	
K-08-0169	E603394	116.71	119	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	45	0.63	<5	80	<0.5	<2	0.12	0.5		3	44		1	0.43	<10		0.16	10		0.03	40	<1	0.01	3	100	
K-08-0169	E603395	119	122	QTZT	non-mineralized	N-AML	<0.01	1.3	16	90	0.45	98	60	<0.5	<2	0.13	1.1		3	55		4	0.49	<10		0.14	10		0.03	111	<1	0.01	4	80	
K-08-0169	E603397	122	124.83	QTZT	non-mineralized	N-AML	<0.01	3.8	6	168	0.38	42	60	<0.5	<2	0.06	2.1		3	52		2	0.46	<10		0.12	10		0.02	163	<1	0.01	3	110	
K-08-0169	E603399	125.2	127	GSCH	non-mineralized	N-AML	<0.01	0.7	11	230	3.72	34	430	0.9	2	0.46	1.8		8	72		13	2.35	10		1.01	20		0.19	106	<1	0.07	21	650	
K-08-0169	E603400	127	128.6	GSCH	non-mineralized	N-AML	<0.01	<0.5	6	80	2	8	350	0.5	<2	1.64	0.9		5	51		4	1.28	<10		0.49	10		0.16	136	<1	0.05	11	350	
K-08-0169	E603401	128.6	131	QTZT	non-mineralized	N-AML	0.01	<0.5	5	88	1.75	5	310	<0.5	<2	0.58	0.8		5	56		7	1.16	<10		0.46	10		0.15	87	<1	0.04	11	200	
K-08-0169	E603402	131	134	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	159	5.68	19	860	1.4	<2	1.89	1.6		14	90		18	3.1	10		1.27	20		0.57	209	<1	0.14	36	610	
K-08-0169	E603423	177.67	180.39	CQTZT	non-mineralized	N-AML	0.02	<0.5	7	67	1.19	5	280	<0.5	<2	7.54	<0.5		2	31		4	1.97	<10		0.34	10		1.19	395	<1	0.03	11	550	
K-08-0169	E603403	134	137	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	95	2.98	11	490	0.8	<2	1.13	0.8		8	70		9	1.67	<10		0.78	10		0.28	150	<1	0.07	20	370	
K-08-0169	E603404	137	138.87	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	64	2.39	9	380	0.6	2	1.75	0.5		7	66		9	1.51	<10		0.62	10		0.31	156	<1	0.06	16	740	
K-08-0169	E603405	138.87	141	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	58	2.01	6	290	0.5	<2	1.76	<0.5		6	62		12	1.21	<10		0.47	10		0.18	141	<1	0.09	13	510	
K-08-0169	E603406	141	144	QTZT	non-mineralized	N-AML	<0.01	0.5	4	49	2.11	8	300	0.6	<2	1.39	0.5		5	57		6	1.3	<10		0.49	10		0.27	138	<1	0.11	13	370	
K-08-0169	E603430	188.28	188.96	CQTZT	non-mineralized	N-AML	<0.01	<0.5	9	45	1.53	6	190	<0.5	<2	3.17	<0.5		2	39		5	1.75	<10		0.24	10		0.57	191	<1	0.04	13	430	
K-08-0169	E603407	144	147	QTZT	non-mineralized	N-AML	<0.01	0.7	7	57	2.35	10	320	0.6	<2	2.17	<0.5		5	66		5	1.35	10		0.56	10		0.24	155	<1	0.14	13	360	
K-08-0169	E603408	147	149	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	58	2.9	15	430	0.9	<2	0.81	<0.5		7	76		10	1.4	10		0.69	10		0.18	97	<1	0.15	16	410	
K-08-0169	E603410	149	150.45	QTZT	non-mineralized	P-AML	<0.01	<0.5	10	62	1.75	21	300	0.5	<2	0.2	<0.5		3	69		6	1.06	<10		0.51	10		0.06	69	<1	0.07	14	360	
K-08-0169	E603411	150.45	153	QTZT	non-mineralized	N-AML	<0.01	<0.5	16	84	0.27	5	50	<0.5	<2	0.07	0.7		1	44		2	0.45	<10		0.09	<10		0.02	143	<1	0.01	5	160	
K-08-0169	E603412	153	156	QTZT	non-mineralized	N-AML	<0.01	<0.5	21	147	0.33	18	70	<0.5	2	0.07	1.6		1	44		2	0.35	<10		0.12	<10		0.02	359	<1	0.01	4	140	
K-08-0169	E603413	156	159	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	44	1.43	7	230	0.5	<2	0.1	<0.5		3	56		12	0.8	<10		0.41	10		0.07	92	<1	0.03	14	220	
K-08-0169	E603438	199.95	200.78	GNST	non-mineralized	N-AML	0.02	<0.5	8	137	6.75	11	320	0.6	<2	7.05	<0.5		31	134		184	7.66	20		0.45	10		2.11	1350	<1	0.04	72	750	
K-08-0169	E603415	159	162	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	23	0.95	<5	160	<0.5	<2	1.33	<0.5		2	49		6	0.94	<10		0.26	10		0.38	156	<1	0.03	9	710	
K-08-0169	E603416	162	165	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	100	0.33	<5	60	<0.5	<2	1.29	<0.5		1	36		1	0.81	<10		0.09	<10		0.41	329	<1	0.01	5	260	
K-08-0169	E603417	165	168	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	36	0.66	<5	120	<0.5	<2	0.12	<0.5		1	45		3	0.47	<10		0.2	10		0.05	90	1	0.01	6	190	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0169	E603419	168	171	QTZT	non-mineralized	N-AML	0.01	<0.5	4	52	0.32	<5	60	<0.5	<2	0.2	<0.5		1	52		3	0.36	<10		0.1	<10		0.04	112	<1	0.01	4	140	
K-08-0169	E603420	171	174	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	42	0.55	<5	90	<0.5	<2	2.77	<0.5		2	41		2	1.1	<10		0.16	<10		0.86	288	<1	0.02	6	190	
K-08-0169	E603421	174	176.93	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	40	0.36	<5	70	<0.5	<2	1.53	<0.5		1	44		2	0.74	<10		0.11	<10		0.5	216	<1	0.01	4	230	
K-08-0169	E603422	176.93	177.67	GSCH	non-mineralized	N-AML	<0.01	0.7	12	89	5.58	16	930	1.3	<2	1.54	<0.5		7	115		14	2.28	10		1.39	20		0.32	168	<1	0.2	29	600	
K-08-0169	E603425	180.39	183	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	47	2.61	8	420	0.7	<2	2.34	<0.5		3	65		8	1.26	10		0.58	10		0.2	159	<1	0.07	16	280	
K-08-0169	E603426	183	185	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	19	0.74	<5	80	<0.5	<2	1.54	<0.5		2	37		4	0.97	<10		0.1	10		0.19	112	<1	0.01	8	150	
K-08-0169	E603427	185	186.28	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	34	2.39	6	380	0.7	<2	1.68	<0.5		3	62		9	1.26	10		0.5	10		0.21	102	1	0.07	15	250	
K-08-0169	E603428	186.28	188.28	GSCH	non-mineralized	N-AML	<0.01	0.5	18	98	6.83	14	1210	1.8	<2	1.67	<0.5		9	107		29	3.34	20		1.55	30		0.66	251	<1	0.2	41	830	
K-08-0169	E603431	188.96	191	GSCH	non-mineralized	N-AML	0.01	0.8	20	94	6.01	20	760	1.4	<2	1.55	<0.5		8	98		22	3.08	10		1.3	20		0.57	191	2	0.2	40	1040	
K-08-0169	E603432	191	192.27	GSCH	non-mineralized	N-AML	<0.01	0.6	21	90	7.65	21	1330	1.9	<2	1.37	<0.5		9	125		18	3.01	20		1.78	30		0.49	153	<1	0.29	41	960	
K-08-0169	E603433	192.27	194.07	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	16	1.1	6	180	<0.5	<2	6.18	<0.5		1	32		2	0.91	<10		0.21	<10		0.24	162	<1	0.04	7	290	
K-08-0169	E603434	194.07	196.9	GSCH	non-mineralized	N-AML	<0.01	0.6	19	93	5.8	22	960	1.5	<2	2.34	<0.5		9	89		25	2.83	10		1.24	20		0.56	209	<1	0.17	38	600	
K-08-0169	E603435	196.9	199.42	GSCH	non-mineralized	N-AML	0.01	0.5	29	80	4.68	16	680	1.2	<2	2.9	0.6		5	85		13	2.45	10		0.97	20		0.38	200	<1	0.12	29	540	
K-08-0169	E603437	199.42	199.95	QTZT	non-mineralized	P-AML	0.02	4	1010	1245	1.28	35	230	<0.5	<2	0.23	13.5		2	30		11	8.6	10		0.44	<10		0.61	33900	<1	0.03	7	340	
K-08-0169	E603439	200.78	203	GSCH	non-mineralized	N-AML	0.09	<0.5	18	107	7.46	18	1100	1.9	<2	0.88	<0.5		12	105		24	3.73	20		1.57	20		0.61	252	<1	0.18	51	750	
K-08-0169	E603440	203	206	GSCH	non-mineralized	N-AML	0.02	<0.5	14	63	5.64	23	820	1.6	<2	1.04	<0.5		7	88		15	2.72	10		1.14	20		0.53	223	<1	0.17	37	580	
K-08-0169	E603441	206	207.4	GSCH	non-mineralized	N-AML	<0.01	0.6	12	60	4.48	17	530	1.1	<2	0.82	<0.5		7	87		12	2.41	10		0.82	10		0.4	161	<1	0.12	27	550	
K-08-0169	E603442	207.4	209	QTZT	non-mineralized	P-AML	<0.01	<0.5	5	28	1.09	8	110	<0.5	<2	0.56	<0.5		3	44		6	1.41	<10		0.17	10		0.21	127	<1	0.02	11	130	
K-08-0169	E603443	209	211.16	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	49	2.81	13	310	0.7	<2	1.08	<0.5		6	68		8	2.11	10		0.46	10		0.4	191	1	0.06	22	270	
K-08-0169	E603445	211.16	214	GSCH	non-mineralized	P-AML	<0.01	0.7	19	76	6.51	23	830	1.9	2	0.72	<0.5		9	113		16	2.94	20		1.27	20		0.39	172	<1	0.18	38	830	
K-08-0169	E603446	214	216	GSCH	non-mineralized	P-AML	<0.01	0.7	16	108	8.85	26	1200	2.7	2	0.64	<0.5		12	151		23	3.53	20		1.96	20		0.53	174	<1	0.25	49	690	
K-08-0169	E603447	216	217.33	GSCH	non-mineralized	P-AML	0.01	0.6	15	101	6.76	26	840	1.9	<2	0.74	<0.5		9	113		17	2.97	20		1.41	20		0.42	210	<1	0.19	40	620	
K-08-0169	E603448	217.33	220	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	52	0.69	8	60	<0.5	<2	1.7	<0.5		2	37		5	0.94	<10		0.12	<10		0.46	229	<1	0.02	6	170	
K-08-0169	E603449	220	221.55	QTZT	non-mineralized	N-AML	0.01	0.5	3	33	0.84	20	100	<0.5	<2	0.95	<0.5		2	42		5	1.18	<10		0.19	<10		0.33	177	<1	0.02	10	130	
K-08-0169	E603450	221.55	224	GSCH	non-mineralized	P-AML	0.01	0.7	18	96	7.47	30	990	2.1	<2	0.68	<0.5		10	124		25	2.92	20		1.64	20		0.43	164	<1	0.24	40	610	
K-08-0169	E603452	224	226	GSCH	non-mineralized	N-AML	0.01	0.6	20	91	5.6	16	670	1.3	2	0.79	<0.5		6	106		15	2.49	20		1.07	20		0.43	180	1	0.17	30	440	
K-08-0170	E770884	4.57	6.55	QTZT	non-mineralized	N-AML	0.01	<0.5	3	34	0.77	<5	80	<0.5	<2	0.06	<0.5		1	50		5	0.93	<10		0.15	10		0.06	83	1	0.03	8	200	
K-08-0170	E770885	6.55	8.84	QTZT	non-mineralized	N-AML	0.01	<0.5	6	38	1.34	<5	160	<0.5	<2	0.21	<0.5		2	49		6	1.33	10		0.27	10		0.12	169	1	0.04	11	340	
K-08-0170	E770887	8.84	11.89	QTZT	non-mineralized	N-AML	0.02	0.6	9	63	3.76	9	450	1	<2	0.6	<0.5		4	77		14	2.25	10		0.78	20		0.15	187	<1	0.18	22	460	
K-08-0170	E770888	11.89	14.94	QTZT	non-mineralized	N-AML	0.01	<0.5	7	79	1.61	8	270	0.6	<2	0.09	0.5		2	65		8	1.82	10		0.39	10		0.05	173	1	0.1	12	350	
K-08-0170	E770889	14.94	16.76	QTZT	non-mineralized	N-AML	0.02	<0.5	7	428	1.59	<5	230	0.5	<2	0.09	5.8		10	50		15	1.92	10		0.3	10		0.1	1500	2	0.09	27	300	
K-08-0170	E770890	16.76	18.95	QTZT	non-mineralized	N-AML	0.02	0.5	24	328	1.23	9	190	<0.5	<2	0.08	5.2		4	47		5	1.13	<10		0.33	10		0.03	696	<1	0.05	14	210	
K-08-0170	E770892	18.95	20.64	GSCH	non-mineralized	N-AML	0.01	0.9	25	153	6.29	10	800	1.6	<2	3.3	1.4		7	111		23	3.43	20		1.4	30		0.52	423	<1	0.21	38	990	
K-08-0170	E770893	20.64	22.3	GSCH	non-mineralized	N-AML	0.02	<0.5	10	77	5.12	<5	610	1.5	<2	0.6	<0.5		5	94		28	2.59	10		1.12	20		0.26	188	<1	0.15	29	800	
K-08-0170	E770894	22.3	25.29	QTZT	non-mineralized	N-AML	0.01	<0.5	7	47	2.2	14	230	0.6	<2	0.67	<0.5		2	60		9	1.6	10		0.44	10		0.13	121	<1	0.05	15	350	
K-08-0170	E770895	25.29	28.29	QTZT	non-mineralized	N-AML	0.01	<0.5	5	24	0.86	8	80	<0.5	2	0.38	<0.5		2	41		3	0.96	10		0.15	10		0.05	98	<1	0.02	8	220	
K-08-0170	E770896	28.29	31.3	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	26	0.95	11	110	<0.5	<2	0.11	<0.5		1	50		4	1.09	<10		0.18	10		0.06	119	1	0.03	8	240	
K-08-0170	E770897	31.3	34.29	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	40	1.52	<5	200	<0.5	2	0.15	<0.5		2	60		7	1.29	10		0.28	10		0.14	107	<1	0.06	10	330	
K-08-0170	E770899	34.29	35.9	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	23	1.25	<5	170	<0.5	<2	0.09	<0.5		1	49		3	1.04	<10		0.26	10		0.08	88	<1	0.06	7	220	
K-08-0170	E770900	35.9	37.51	QTZT	non-mineralized	N-AML	0.01	<0.5	6	33	0.63	5	90	<0.5	<2	0.06	0.5		1	35		4	1.07	<10		0.12	10		0.07	222	<1	0.03	7	180	
K-08-0170	E770901	37.51	40.5	QTZT	non-mineralized	N-AML	<0.01	0.5	11	50	3.79	10	720	1.2	<2	0.11	<0.5		1	77		28	2.51	10		0.89	20		0.28	128	2	0.16	13	270	
K-08-0170	E770902	40.5	43.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	48	3.51	14	460	1.2	<2	0.13	<0.5		2	87		8	1.94	10		0.8	20		0.17	173	<1	0.13	14	570	
K-08-0170	E770903	43.5	46.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	22	1.16	<5	130	<0.5	<2	0.06	<0.5		<1	38		2	0.73	<10		0.26	10		0.05	56	<1	0.05	4	150	
K-08-0170	E770904	46.5	49.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	85	3.77	9	390	1.1	<2	0.07	<0.5		6	73		16	2.29	10		0.86	20		0.21	141	<1	0.08	29	420	
K-08-0170	E770906	49.5	51.51	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	45	2.61	5	310	0.6	<2	0.1	<0.5		1	72		9	1.67	10		0.68	10		0.17	75	<1	0.06	13	450	
K-08-0170	E770907	51.51	53.56	QTZT	non-mineralized	N-AML	0.01	<0.5	11	60	3.88	14	430	0.9	<2	0.18	<0.5		3	81		11	2.36	10		0.86	20		0.2	116	<1	0.08	21	940	
K-08-0170	E770908	53.56	56.56	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	71	1.91	12	120	<0.5	<2	0.09	<0.5		6	50		7	2.46	10		0.24	10		0.12	185	<1	0.02	25	490	
K-08-0170	E770909	56.56	59.59	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	40	1.96	12	200	0.6	<2	0.57	<0.5		2	58		7	1.56	10		0.39	10		0.1	140	<1	0.06	14	370	
K-08-0170	E770910	59.59	62.62	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	39	2.53	9	270	0.8	<2	0.43	<0.5		2	69		7	1.55	10		0.53	10		0.12	128	<1	0.08	10	310	
K-08-0170	E770911	62.62	65.69	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	57	2.46	16	240	0.7	<2	0.45	<0.5		2	66		8	1.73	10		0.48	10		0.13	120	<1	0.07	13	320	
K-08-0170	E770913	65.69	68.54	QTZT	non-mineralized	N-AML	0.01	<0.5	18	78	2.21	11	180	0.5	<2	1.97	<0.5		4	48		9	1.65	10		0.35	10		0.29	202	<1	0.34	13	380	
K-08-0170	E770914	68.54	71.54	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	44	2.62	12	300	0.8	<2	0.6	<0.5		2	75		9	1.65	10		0.59	10		0.15	99	<1	0.07	14	520	
K-08-0170	E770915	71.54	74.56	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	42	0.66	8	70	<0.5	<2	0.3	0.5		1	38		3	0.65	<10		0.15	<10		0.04	73	<1	0.02	5	170	
K-08-0170	E770916	74.56	77.57	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	52	1.27	15	140	<0.5	<2	0.09	1		1	48		4	1.06	<10		0.31	10		0.05	123	1	0.05	6	130	
K-08-0170	E770917	77.57	80.56	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	82	2.53	13	240	0.7	<2	0.09	1.6		1	67		8	1.61	10		0.6	10		0.12	123	<1	0.07	12	330	
K-08-0170	E770918	80.56	83.57	QTZT	non-mineralized	N-AML	<0.01	0.6	11	58	1.97	16	240	0.5	<2	0.09	0.5		2	58		6	1.42	10		0.5	10		0.11	71	1	0.05	9	380	
K-08-0170	E770920	83.57	86.56	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	83	5.04	13	620	1.2	<2	0.33	<0.5		4	105		14	2.57	20		1.26	20		0.23	128	<1	0.12	24	780	
K-08-0170	E770921	86.56	89.56	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	40	1.42	8	150	<0.5	<2	1.33	<0.5		2	48		7	1.08	<10		0.29	10		0.2	91	1	0.04	12	360	
K-08-0170	E770922	89.56	92.54	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	58	2.67	19	290	0.7	<2	1.01	<0.5		4	71		13	1.67	<10		0.58	10		0.24	110	1	0.07	20	490	
K-08-0170	E770923	92.54	95.58	QTZT	non-mineralized	N-AML	0.01	<0.5	5	31	0.73	14	90	<0.5	<2	1.81	0.6		1	43		6	0.7	<10		0.18	<10		0.09	130	1	0.03	7	200	
K-08-0170	E770924	95.58	98.55	QTZT	non-mineralized	N-AML	0.03	<0.5	7	58	2	22	270	0.5	<2	1.4	1.2		1	55		7	1.24	<10		0.58	10		0.19	208	1	0.07	13	310	
K-08-0170	E770925	98.55	101.44	QTZT	non-mineralized	N-AML	0.01	<0.5	2	18	0.43	5	40	<0.5	<2	1.58	0.7		1	35		3	0.58	<10		0.08	<10		0.1	97	<1	0.01	6	210	
K-08-0170	E770927	101.44	104.4	QTZT	non-mineralized	N-AML	0.01	<0.5	5	50	3.38	9	370	0.9	<2	1.68	<0.5		5	66		10	1.65	10		0.76	10		0.25	140	<1	0.1	17	330	
K-08-0170	E770928	104.4	107.4	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	47	2.9	11	420	0.7	<2	1.25	<0.5		4	72		11	1.63	<10		0.73	10		0.28	144	1	0.09	19	520	
K-08-0170	E770929	107.4	110.4	QTZT	non-mineralized	N-AML	0.01	<0.5	5	40	1.05	12	130	<0.5	<2	0.23	<0.5		2	42		6	0.8	<10		0.24	10		0.08	65	1	0.03	8	160	
K-08-0170	E770930	110.4	112.91	QTZT	non-mineralized	N-AML	0.01	<0.5	2	43	0.54	26	60	<0.5	<2	0.08	<0.5		<1	34		2	0.61	<10		0.13	<10		0.03	92	1	0.01	4	110	
K-08-0170	E770932	112.91	115.88	QTZT	non-mineralized	N-AML	0.03	<0.5	13	46	0.48	104	80	<0.5	<2	0.09	0.6		1	44		4	0.46	<10		0.15	10		0.02	73	1	0.01	3	100	
K-08-0170	E770933	115.88	118.9	QTZT	non-mineralized	P-AML	0.01	<0.5	9	75	2.66	27	320	0.7	<2	0.64	<0.5		4	58		10	1.68	10		0.68	10		0.23	181	1	0.06	19	330	
K-08-0170	E770934	118.9	121.62	QTZT	non-mineralized	N-AML	0.01	<0.5	5	42	1.65	15	190	<0.5	<2	1.56	<0.5		3	51		6	1.16	<10		0.47	10		0.2	235	1	0.03	13	210	
K-08-0170	E770935	121.62	124.66	QTZT	non-mineralized	N-AML	0.01	<0.5	6	52	2.46	17	300	0.6	<2	1.01	<0.5		4	63		10	1.51	10		0.68	10		0.18	125	2	0.04	16	540	
K-08-0170	E770936	124.66	127.71	QTZT	non-mineralized	N-AML	0.01	<0.5	3	31	0.33	22	50	<0.5	<2	0.13	<0.5		1	35		3	0.43	<10		0.1	<10		0.03	96	1	0.01	3	60	
K-08-0170	E770937	127.71	130.76	QTZT	non-mineralized	N-AML	0.02	<0.5	7	78	0.29	76	50	<0.5	<2	0.18	1		1	39		5	0.7	<10		0.1	<10		0.05	164	1	0.01	3	70	
K-08-0170	E770938	130.76	133.8	QTZT	non-mineralized	N-AML	0.01	0.5	14	79	1.22	23	170	<0.5	<2	0.29	0.9		2	41		7	0.83	<10		0.36	10		0.09	99	1	0.03	9	180	
K-08-0170	E770940	133.8	136.86	QTZT	non-mineralized	N-AML	0.19	0.5	42	144	0.46	12	90	<0.5	<2	0.04	1.4		<1	36		2	0.53	<10		0.16	10		0.02	166	<1	0.01	4	60	
K-08-0170	E770941	136.86	139.07	QTZT	non-mineralized	N-AML	0.04	1.1	58	301	0.37	18	70	<0.5	<2	0.17	3.3		2	42		3	0.74	<10		0.13	10		0.02	611	<1	0.01	6	150	
K-08-0170	E770942	139.07	141.29	QTZT	non-mineralized	N-AML	0.02	0.7	23	146	1.88	14	220	<0.5	2	3.15	2		3	47		5	1.49	10		0.37	10		0.34	328	<1	0.04	13	450	
K-08-0170	E770943	141.29	144.33	GSCH	non-mineralized	P-AML	0.02	<0.5	18	86	4.47	30	690	1	2	0.56	0.6		7	84		16	2.14	10		1.02	20		0.22	142	<1	0.14	29	590	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0170	E770944	144.33	147.32	GSCH	non-mineralized	N-AML	0.03	0.6	10	113	4.71	29	740	1.2	<2	0.85	0.7		4	86		31	2.1	10		1.03	20		0.3	165	4	0.17	36	390	
K-08-0170	E770946	147.32	149.57	GSCH	non-mineralized	P-AML	<0.01	1.3	19	92	7.07	33	950	1.8	<2	0.58	<0.5		9	110		26	3.22	20		1.27	20		0.43	194	2	0.22	44	590	
K-08-0170	E770947	149.57	151.74	GSCH	non-mineralized	P-AML	<0.01	<0.5	12	110	6.27	30	800	1.5	4	0.51	<0.5		7	104		14	2.35	10		1.35	20		0.32	204	<1	0.23	35	610	
K-08-0170	E770948	151.74	154.74	QTZT	non-mineralized	N-AML	<0.01	1.4	48	143	2.47	11	440	0.6	<2	0.36	1.8		3	60		6	1.4	10		0.63	10		0.17	639	<1	0.08	13	250	
K-08-0170	E770949	154.74	156.46	QTZT	non-mineralized	P-AML	<0.01	2.7	257	553	3.29	23	710	1	<2	0.15	7.1		5	71		10	2.03	10		0.96	10		0.16	2520	<1	0.12	20	360	
K-08-0170	E770951	156.46	158.19	QTZT	non-mineralized	P-AML	<0.01	3.9	173	493	1.58	16	470	<0.5	2	0.09	6.9		4	49		12	1.54	<10		0.53	10		0.09	3170	<1	0.03	14	190	
K-08-0170	E770952	158.19	159.5	QTZT	non-mineralized	P-AML	0.01	1.7	110	350	2.44	33	390	0.6	<2	0.27	3.5		4	62		4	4.64	10		0.82	10		0.17	14700	<1	0.06	16	320	
K-08-0170	E770953	159.5	161.29	QTZT	non-mineralized	P-AML	0.01	1.7	58	212	5.68	56	730	1.3	<2	0.58	1.4		6	76		4	2.59	20		1.91	20		0.23	6510	<1	0.11	28	600	
K-08-0170	E770954	161.29	164.05	QTZT	non-mineralized	N-AML	<0.01	4.8	374	1150	8.93	65	860	2.1	<2	1.9	11.6		11	106		14	5.07	10		2.33	30		0.57	6590	1	0.15	54	890	
K-08-0170	E770955	164.05	165.05	QTZT	non-mineralized	N-AML	<0.01	1.1	40	131	5.44	39	880	1.3	<2	2.38	0.8		5	89		26	2.41	10		1.43	20		0.55	414	1	0.14	32	1670	
K-08-0170	E770956	165.05	166.04	QTZT	non-mineralized	N-AML	0.01	0.7	20	100	5.56	58	900	1.4	2	1.62	0.6		9	98		20	2.86	10		1.4	20		0.47	309	<1	0.14	39	730	
K-08-0170	E770957	166.04	167.18	QTZT	non-mineralized	P-AML	0.08	1.1	30	114	6.22	182	650	1.6	<2	1.46	<0.5		6	113		29	3.11	20		1.82	30		0.46	490	<1	0.18	39	920	
K-08-0170	E770958	167.18	167.48	QTZT	non-mineralized	N-AML	0.01	1.3	259	513	0.52	66	60	<0.5	<2	0.07	6.6		1	32		2	1.25	<10		0.18	<10		0.04	3130	<1	0.01	3	180	
K-08-0170	E770959	167.48	168.01	QTZT	non-mineralized	P-AML	0.04	3	484	441	0.6	65	100	<0.5	3	0.09	5.4		1	38		3	1.28	<10		0.21	10		0.05	3030	<1	0.01	8	170	
K-08-0170	E770961	168.01	169	QTZT	non-mineralized	N-AML	0.03	1.9	235	648	1.41	62	300	<0.5	5	3.15	6.6		3	38		3	1.63	<10		0.5	10		0.71	1715	<1	0.03	11	440	
K-08-0170	E770962	169	170.38	QTZT	non-mineralized	P-AML	0.01	2.5	220	476	0.98	29	180	<0.5	<2	0.6	5.4		1	42		6	1.44	<10		0.33	10		0.2	2790	<1	0.02	10	230	
K-08-0170	E770963	170.38	171.45	GSCH	non-mineralized	P-AML	0.03	<0.5	27	154	7.02	77	1140	1.8	2	1.05	0.8		8	131		26	2.87	20		2.25	30		0.41	588	<1	0.18	41	1230	
K-08-0170	E770964	171.45	172.42	GSCH	non-mineralized	P-AML	0.07	1	20	85	4.35	273	830	1	<2	1.09	<0.5		5	92		14	2.33	20		1.45	20		0.38	461	<1	0.11	26	590	
K-08-0170	E770965	172.42	173.43	GSCH	non-mineralized	P-AML	0.86	2.6	36	67	7.06	942	190	1.8	9	0.94	<0.5		8	123		9	3.4	20		2.48	30		0.41	665	1	0.19	44	950	
K-08-0170	E770966	173.43	175.39	GSCH	non-mineralized	P-AML	0.08	2.2	145	299	4	442	770	0.9	6	1.19	3.3		5	82		9	2.4	10		1.32	20		0.39	1720	<1	0.09	27	480	
K-08-0170	E770967	175.39	178.4	QTZT	non-mineralized	N-AML	0.04	<0.5	10	31	1.59	165	270	<0.5	2	1.45	<0.5		2	53		5	1.34	<10		0.47	10		0.3	234	<1	0.04	13	320	
K-08-0170	E770968	178.4	181.26	QTZT	non-mineralized	N-AML	0.03	<0.5	17	71	1.95	165	320	0.5	3	3.16	0.5		1	51		5	1.6	<10		0.51	10		0.52	283	<1	0.06	12	500	
K-08-0170	E770969	181.26	184.28	QTZT	non-mineralized	N-AML	0.05	0.7	10	53	4.62	114	750	1.2	2	1.48	<0.5		4	92		11	2.25	10		1.3	20		0.38	301	<1	0.1	29	500	
K-08-0170	E770971	184.28	187	QTZT	non-mineralized	N-AML	0.08	2.3	27	73	4.68	72	740	1.2	2	1.55	<0.5		5	95		27	2.29	10		1.28	20		0.4	297	2	0.12	30	520	
K-08-0170	E770972	187	189.42	QTZT	non-mineralized	N-AML	0.04	0.6	23	64	3.65	121	630	0.9	3	1.99	0.6		5	74		11	2.61	10		1.09	20		0.56	539	<1	0.12	24	420	
K-08-0170	E770973	189.42	190.45	GSCH	non-mineralized	P-AML	0.1	1.2	35	138	9.95	113	1690	2.8	<2	1.35	<0.5		15	130		71	5.08	30		2.49	30		0.76	382	<1	0.28	68	970	
K-08-0170	E770975	190.45	191.47	GSCH	non-mineralized	N-AML	<0.01	<0.5	13	125	9.73	55	1360	2.5	<2	1.13	<0.5		15	123		27	5.33	30		1.67	30		0.78	304	1	0.21	64	1000	
K-08-0170	E770976	191.47	192.47	GSCH	non-mineralized	N-AML	0.01	0.5	18	94	5.81	56	1050	1.8	<2	0.81	0.5		13	109		33	2.43	20		1.41	20		0.38	136	3	0.16	54	480	
K-08-0170	E770977	192.47	193.57	GSCH	non-mineralized	N-AML	<0.01	<0.5	10	54	2.72	20	460	0.9	<2	3.9	<0.5		4	57		10	1.98	10		0.68	10		1.34	265	1	0.1	22	520	
K-08-0170	E770978	193.57	194.18	GSCH	non-mineralized	N-AML	<0.01	0.6	240	1780	0.4	8	60	<0.5	<2	0.54	29.5		1	36		4	1.11	<10		0.13	<10		0.16	1655	1	0.01	3	130	
K-08-0170	E770980	194.18	195.17	GSCH	non-mineralized	N-AML	0.02	<0.5	15	126	6.87	63	970	1.9	2	2.03	0.5		13	116		32	4.2	20		1.36	30		0.88	289	2	0.16	70	670	
K-08-0170	E770981	195.17	196.2	GSCH	non-mineralized	N-AML	0.01	<0.5	3	43	3.33	50	420	0.8	<2	1.28	<0.5		7	67		36	2.77	10		0.65	10		0.43	231	1	0.08	26	410	
K-08-0170	E770982	196.2	197.2	GSCH	non-mineralized	N-AML	<0.01	<0.5	9	64	4.01	35	560	1.1	<2	0.91	<0.5		7	80		20	2.46	10		0.81	20		0.39	174	1	0.12	33	440	
K-08-0170	E770983	197.2	198.2	GSCH	non-mineralized	P-AML	0.01	0.9	14	127	8.44	49	1130	2.4	<2	0.73	<0.5		14	114		27	4.05	30		1.56	20		0.48	808	<1	0.21	55	790	
K-08-0170	E770984	198.2	199.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	46	1.94	9	280	0.6	<2	0.84	<0.5		3	49		6	1.43	10		0.44	10		0.26	178	1	0.06	13	760	
K-08-0170	E770986	199.2	200.3	QTZT	non-mineralized	N-AML	<0.01	<0.5	24	45	0.74	<5	80	<0.5	<2	1.08	<0.5		2	46		21	1.28	<10		0.16	10		0.21	155	<1	0.04	6	200	
K-08-0170	E770987	200.3	201.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	29	1.27	6	170	<0.5	<2	1.63	<0.5		3	44		5	1.27	<10		0.3	10		0.45	176	1	0.07	10	340	
K-08-0170	E770988	201.2	202.22	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	10	0.34	<5	60	<0.5	<2	1.93	<0.5		2	37		2	0.96	<10		0.08	<10		0.6	131	<1	0.02	4	250	
K-08-0170	E770990	202.22	203.11	QTZT	non-mineralized	P-AML	<0.01	<0.5	7	27	2.22	12	300	0.7	<2	0.57	<0.5		4	64		8	1.14	<10		0.53	10		0.11	58	1	0.14	17	1010	
K-08-0170	E770991	203.11	203.91	QTZT	non-mineralized	N-AML	0.15	<0.5	28	88	0.36	5	50	<0.5	<2	1.97	1.3		1	30		1	1.05	<10		0.12	<10		0.74	962	<1	0.02	4	130	
K-08-0170	E770992	203.91	204.26	QTZT	non-mineralized	N-AML	0.01	5.6	421	1370	2.91	20	230	0.7	<2	2.69	20.6		12	41		56	3.69	10		0.48	<10		0.87	4320	<1	0.09	17	320	
K-08-0170	E770994	204.26	206.96	QTZT	non-mineralized	P-AML	0.03	19.6	177	1035	2.74	20	410	0.7	<2	0.29	12.1		4	60		25	4.08	10		0.9	10		0.38	13800	<1	0.09	17	350	
K-08-0170	E770995	206.96	210.01	QTZT	non-mineralized	P-AML	0.01	0.9	46	237	3.42	14	470	0.8	<2	0.54	2.3		5	70		9	2.62	10		0.97	10		0.37	4050	1	0.1	22	370	
K-08-0170	E770996	210.01	213.06	QTZT	non-mineralized	P-AML	0.02	9.3	2340	4380	3.47	25	450	0.9	<2	0.29	48.6		6	68		12	2.01	10		1.28	10		0.17	2130	<1	0.07	24	340	
K-08-0170	E770997	213.06	215.85	QTZT	non-mineralized	P-AML	0.01	2.8	127	333	1.92	13	260	0.5	<2	0.35	2.9		4	55		16	1.72	10		0.66	10		0.19	1325	1	0.04	17	280	
K-08-0170	E770998	215.85	218.88	GSCH	non-mineralized	P-AML	0.02	2.9	72	237	7.23	28	1040	2	<2	0.43	2		10	120		25	3.36	20		2.43	30		0.28	569	1	0.2	43	1070	
K-08-0170	E770999	218.88	221.81	GSCH	non-mineralized	N-AML	0.02	0.5	12	76	2.66	11	460	0.6	<2	0.79	<0.5		4	66		21	1.93	10		0.76	10		0.3	188	3	0.06	24	360	
K-08-0170	E771000	221.81	224.47	GSCH	non-mineralized	N-AML	0.01	<0.5	9	53	2.77	12	520	0.7	<2	1.37	<0.5		4	62		8	1.45	<10		0.79	10		0.21	124	1	0.08	20	540	
K-08-0170	E771001	224.47	227.43	QTZT	non-mineralized	P-AML	<0.01	<0.5	12	32	1.23	7	210	<0.5	<2	0.53	<0.5		2	48		5	1.32	<10		0.37	10		0.13	80	1	0.05	9	320	
K-08-0170	E771002	227.43	230.4	QTZT	non-mineralized	N-AML	0.01	<0.5	9	101	3.6	14	360	0.8	<2	0.91	0.5		4	73		11	2.17	10		0.81	20		0.39	203	<1	0.07	23	590	
K-08-0170	E771003	230.4	233.44	QTZT	non-mineralized	P-AML	<0.01	0.5	13	76	4.45	15	740	1.2	<2	1.73	<0.5		6	92		16	2.43	10		1.06	20		0.47	144	<1	0.2	31	650	
K-08-0170	E771004	233.44	236.37	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	30	1.36	10	240	<0.5	<2	2.91	<0.5		2	48		5	1.42	<10		0.29	10		0.51	202	1	0.06	7	420	
K-08-0170	E771005	236.37	239.34	QTZT	mineralized	P-AML	<0.01	<0.5	<2	36	0.38	<5	70	<0.5	<2	6.1	<0.5		<1	23		1	1.74	<10		0.07	<10		2.02	538	1	0.01	2	300	
K-08-0170	E771007	239.34	242.95	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	46	2.29	8	380	0.7	<2	1.4	<0.5		3	63		8	1.36	10		0.49	10		0.13	105	<1	0.1	14	390	
K-08-0170	E771008	242.95	245.23	QTZT	non-mineralized	N-AML	<0.01	0.6	6	63	3.23	9	490	0.9	<2	3.03	<0.5		4	71		10	1.14	10		0.72	20		0.2	122	<1	0.13	19	360	
K-08-0170	E771009	245.23	247.13	QTZT	non-mineralized	N-AML	<0.01	<0.5	25	78	0.39	<5	70	<0.5	<2	1.03	0.6		1	32		10	0.52	<10		0.12	<10		0.09	205	1	0.01	3	130	
K-08-0170	E771010	247.13	249.08	QTZT	non-mineralized	N-AML	<0.01	<0.5	14	88	0.33	<5	120	<0.5	<2	1.23	1.2		<1	36		38	0.65	<10		0.1	<10		0.13	350	1	0.01	4	90	
K-08-0170	E771012	249.08	252.68	QTZT	non-mineralized	N-AML	<0.01	<0.5	23	46	0.31	5	1740	<0.5	<2	4.05	<0.5		1	30		3	0.48	<10		0.09	<10		0.07	263	1	0.01	3	90	
K-08-0170	E771013	252.68	255.73	QTZT	non-mineralized	P-AML	<0.01	<0.5	23	91	1.12	<5	290	<0.5	<2	0.4	1		1	39		5	0.72	<10		0.29	10		0.08	174	<1	0.05	5	120	
K-08-0170	E771014	255.73	258.78	QTZT	non-mineralized	N-AML	<0.01	<0.5	43	296	0.4	<5	100	<0.5	<2	0.23	3.2		1	39		2	0.4	<10		0.14	<10		0.05	316	1	0.01	4	80	
K-08-0171	E777955	9.14	11.28	QTZT	non-mineralized	N-AML	<0.01	1.2	35	282	0.89	14	120	<0.5	<2	0.03	3.2		3	44		6	0.98	<10		0.26	10		0.03	570	1	0.03	10	170	
K-08-0171	E777956	11.28	14.33	QTZT	non-mineralized	N-AML	<0.01	2.1	39	546	2.27	25	280	0.6	<2	0.04	5.8		7	60		14	1.51	10		0.59	10		0.07	1325	1	0.07	26	220	
K-08-0171	E777957	14.33	17.37	QTZT	non-mineralized	N-AML	<0.01	2.6	24	362	0.49	26	70	<0.5	<2	0.01	2.7		4	39		6	0.9	<10		0.15	10		0.02	738	1	0.01	14	100	
K-08-0171	E777959	17.37	20.42	QTZT	non-mineralized	N-AML	0.02	4.4	304	376	2.18	70	300	0.5	<2	0.02	3.4		4	57		12	1.68	10		0.58	10		0.09	581	1	0.05	15	280	
K-08-0171	E777960	20.42	22.53	QTZT	non-mineralized	N-AML	0.01	5.4	488	506	0.47	113	100	<0.5	<2	0.01	7.9		1	33		4	1.66	<10		0.16	<10		0.01	3800	1	0.01	8	90	
K-08-0171	E777961	22.53	24.12	QTZT	non-mineralized	N-AML	0.01	4.9	173	185	0.44	47	110	<0.5	<2	0.01	3		<1	38		4	0.64	<10		0.15	10		0.01	565	1	0.01	4	70	
K-08-0171	E777962	24.12	27.12	QTZT	non-mineralized	N-AML	<0.01	8.3	114	1095	4.66	131	380	0.5	<2	0.08	12.4		22	116		105	5.99	10		0.47	10		2.35	2180	1	0.08	71	480	
K-08-0171	E777963	27.12	29.57	QTZT	non-mineralized	N-AML	0.03	9.4	663	1225	1.81	121	290	0.5	<2	0.03	18.9		2	48		23	2.46	<10		0.59	10		0.05	4590	1	0.06	15	380	
K-08-0171	E777965	29.57	32.61	QTZT	non-mineralized	N-AML	0.02	3	212	894	5.44	80	960	1.6	<2	0.14	8.9		2	111		14	2.53	10		1.52	20		0.21	743	1	0.17	20	700	
K-08-0171	E777966	32.61	35.66	QTZT	non-mineralized	N-AML	0.01	5.4	535	912	1.74	54	280	0.6	<2	0.06	8.2		1	55		8	1.94	<10		0.51	10		0.07	1615	1	0.05	12	420	
K-08-0171	E777967	35.66	38.71	QTZT	non-mineralized	N-AML	0.04	15.5	567	1625	2.51	62	430	0.8	<2	0.06	20.6		6	64		14	2.71	10		0.75	10		0.05	4490	1	0.09	27	570	
K-08-0171	E777968	38.71	41.76	QTZT	non-mineralized	N-AML	0.02	5.7	121	1070	0.68	26	110	<0.5	<2	0.03	10.3		4	40		6	1.01	<10		0.19	10		0.03	2190	1	0.01	13	250	
K-08-0171	E777969	41.76	44.81	QTZT	non-mineralized	N-AML	0.04	6.5	97	765	2.96	22	470	0.8	<2	0.07	6.8		3	70		16	1.74	10		0.81	20		0.11	771	1	0.09	19	510	
K-08-0171	E777970	44.81	47.85	QTZT	non-mineralized	N-AML	0.02	9.2	648	826	0.56	55	110	<0.5	<2	0.01	13.5		1	34		6	1.37	<10		0.19	10		0.01	3340	1	0.01	7	150	
K-08-0171	E777971	47.85	50.9	QTZT	non-mineralized	N-AML	0.02	15.4	672	1660	2.18	51	400	0.6	<2	0.02	26.2		1	59		7	2.79	<10		0.75	10		0.05	6590	1	0.05	15	310	
K-08-0171	E777972	50.9	53.95	QTZT	non-mineralized	N-AML	0.01	7.3	88	1465	0.41	12	70	<0.5	<2	0.01	23.3		2	29		4	1.99	<10		0.14	<10		0.01	5670	1	0.01	12	110	
K-08-0171	E777974	53.95	57	QTZT	non-mineralized	N-AML	0.01	20.4	375	1300	0.28	9	50	<0.5	<2	0.01	14.1		1	35		16	1.94	<10		0.1	<10		0.01	4600	1	0.01	8	60	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0171	E777975	57	60.05	QTZT	non-mineralized	N-AML	0.01	11.7	773	1305	1.22	28	170	<0.5	<2	0.02	13.9		2	46		23	1.79	<10		0.43	10		0.02	3590	1	0.02	14	190	
K-08-0171	E777976	60.05	63.09	QTZT	non-mineralized	N-AML	0.03	19.2	850	1525	1.48	38	240	<0.5	<2	0.04	24		2	52		18	2.6	10		0.5	10		0.03	5140	2	0.03	9	320	
K-08-0171	E777978	63.09	66.14	QTZT	non-mineralized	N-AML	0.07	10.7	200	2380	0.8	36	160	<0.5	<2	0.02	47.1		2	34		9	3.6	<10		0.26	10		<0.01	10750	2	0.03	12	210	
K-08-0171	E777979	66.14	69.19	QTZT	non-mineralized	N-AML	0.02	39.8	254	1190	3.18	16	880	0.7	<2	0.06	14.6		5	60		53	1.14	10		1.12	20		0.04	2810	2	0.08	12	370	
K-08-0171	E777980	69.19	72.24	QTZT	non-mineralized	N-AML	0.02	4.8	106	1040	1.5	13	420	<0.5	<2	0.04	19.8		4	46		3	1.76	<10		0.5	10		0.02	5200	3	0.05	12	250	
K-08-0171	E777981	72.24	74.81	QTZT	non-mineralized	N-AML	0.01	6.4	222	993	4.53	28	780	1.1	<2	0.08	7.8		3	90		15	1.84	10		1.61	20		0.07	1785	2	0.16	17	510	
K-08-0171	E777982	74.81	77.81	QTZT	non-mineralized	N-AML	0.02	3.4	251	459	1.2	9	190	<0.5	<2	0.04	3.8		1	53		11	1.24	<10		0.41	10		0.02	649	2	0.04	7	310	
K-08-0171	E777983	77.81	79.62	QTZT	non-mineralized	N-AML	0.01	1.9	229	709	0.82	6	120	<0.5	<2	0.04	8.4		1	46		6	1.42	<10		0.28	10		0.01	2020	2	0.02	8	260	
K-08-0171	E777984	79.62	81.65	QTZT	non-mineralized	N-AML	<0.01	2.1	385	1460	1.34	8	230	<0.5	<2	0.08	18.7		5	49		4	4.31	<10		0.47	10		0.03	12800	2	0.05	23	220	
K-08-0171	E777985	81.65	83.4	GSCH	non-mineralized	N-AML	<0.01	5.3	112	850	10.35	62	1680	2.7	<2	0.25	5.2		12	128		21	3.96	20		3.95	30		0.19	3580	1	0.33	39	1020	
K-08-0171	E777986	83.4	85.53	GSCH	non-mineralized	N-AML	0.01	4	196	643	4.78	31	790	1.2	<2	0.13	5.8		4	90		7	2.82	10		1.69	20		0.09	3110	2	0.15	17	360	
K-08-0171	E777988	85.53	88.29	GSCH	non-mineralized	N-AML	0.01	2.8	37	472	1.06	7	180	<0.5	<2	0.06	5.6		3	55		4	0.85	<10		0.36	10		0.03	1150	2	0.03	11	210	
K-08-0171	E777989	88.29	89.8	GSCH	non-mineralized	N-AML	0.02	<0.5	25	1020	9.15	37	1220	2.2	<2	0.25	7.1		17	117		25	5.17	30		2.08	30		0.43	2560	1	0.21	71	940	
K-08-0171	E777990	89.8	92.24	QTZT	non-mineralized	N-AML	0.02	1.4	85	201	3.84	23	500	1	<2	0.29	2		3	74		11	2.13	10		1.06	20		0.19	546	2	0.12	19	440	
K-08-0171	E777991	92.24	93.81	QTZT	non-mineralized	N-AML	0.03	2.7	187	113	6.8	36	1120	1.8	<2	0.08	<0.5		<1	129		10	2.82	10		2.25	30		0.15	672	2	0.23	13	780	
K-08-0171	E777992	93.81	96.81	QTZT	non-mineralized	N-AML	0.02	0.7	72	150	0.57	75	100	<0.5	<2	0.03	1.4		<1	50		3	0.71	<10		0.18	10		0.02	454	2	0.01	5	200	
K-08-0171	E777994	96.81	98.81	QTZT	non-mineralized	N-AML	0.01	2.8	120	614	5.51	30	970	1.4	<2	0.09	9.1		5	117		31	2.78	10		1.82	20		0.11	1300	2	0.18	26	640	
K-08-0171	E777995	98.81	101.91	QTZT	non-mineralized	N-AML	0.02	0.5	109	378	0.48	7	70	<0.5	<2	0.06	4.7		1	62		3	1.03	<10		0.16	10		0.03	1105	2	0.01	5	160	
K-08-0171	E777996	101.91	104.91	QTZT	non-mineralized	N-AML	0.01	<0.5	26	108	0.37	<5	70	<0.5	<2	0.02	1.9		<1	40		2	0.63	<10		0.14	10		0.01	582	3	0.01	3	120	
K-08-0171	E777997	104.91	107.9	QTZT	non-mineralized	N-AML	0.01	<0.5	25	117	0.29	<5	60	<0.5	<2	0.02	1.7		<1	36		2	0.39	<10		0.1	10		0.01	545	2	0.01	1	110	
K-08-0171	E777999	107.9	110.9	QTZT	non-mineralized	N-AML	0.01	<0.5	16	139	0.31	<5	60	<0.5	<2	0.04	1.8		1	35		1	0.41	<10		0.11	<10		0.01	686	2	0.01	3	120	
K-08-0171	E778020	155.59	157.58	CQTZT	non-mineralized	N-AML	0.01	<0.5	3	502	0.28	29	80	<0.5	<2	2.82	3		7	32		3	2.71	<10		0.09	<10		0.75	986	1	0.01	16	410	
K-08-0171	E778021	157.58	158.35	CQTZT	non-mineralized	N-AML	<0.01	<0.5	7	662	0.37	41	90	<0.5	3	2.29	4.4		10	18		6	3.21	<10		0.1	10		0.75	1090	<1	0.02	16	570	
K-08-0171	E778000	110.9	112.37	QTZT	non-mineralized	N-AML	0.01	<0.5	33	89	0.33	<5	60	<0.5	2	0.02	1.3		<1	41		1	0.36	<10		0.11	10		0.01	407	2	0.01	3	130	
K-08-0171	E778001	112.37	114.58	QTZT	non-mineralized	N-AML	0.01	0.5	110	207	0.67	10	120	<0.5	<2	0.02	2.1		1	34		7	1.1	<10		0.23	10		0.02	1445	2	0.02	4	150	
K-08-0171	E778002	114.58	117.58	GSCH	non-mineralized	N-AML	0.03	1.1	37	78	4.01	16	670	1.1	<2	0.05	<0.5		2	83		18	1.57	10		1.41	20		0.1	67	2	0.11	15	540	
K-08-0171	E778003	117.58	120.58	QTZT	non-mineralized	N-AML	0.01	0.6	133	285	0.69	6	90	<0.5	<2	0.27	1.8		2	48		37	0.79	<10		0.17	10		0.05	121	1	0.03	9	210	
K-08-0171	E778004	120.58	123.54	QTZT	non-mineralized	N-AML	0.03	0.5	8	92	2.25	11	400	0.5	<2	0.43	0.6		3	69		8	1.45	<10		0.56	10		0.11	112	1	0.05	16	410	
K-08-0171	E778005	123.54	126.54	GSCH	non-mineralized	N-AML	0.01	0.8	10	75	5.85	18	980	1.5	<2	0.9	<0.5		5	114		13	2.69	10		1.33	30		0.26	150	1	0.16	25	530	
K-08-0171	E778006	126.54	129.54	GSCH	non-mineralized	N-AML	0.02	0.9	14	73	4.96	14	820	1.3	<2	0.86	0.5		7	102		15	2.79	10		1.1	20		0.3	155	1	0.14	31	1800	
K-08-0171	E778008	129.54	132.54	GSCH	non-mineralized	N-AML	0.01	0.7	13	64	4.57	6	700	1.1	<2	0.87	<0.5		5	88		11	2.01	10		1.05	20		0.31	148	1	0.11	25	450	
K-08-0171	E778009	132.54	133.69	GSCH	non-mineralized	P-AML	0.01	1	16	92	5.74	18	860	1.5	<2	0.38	0.5		7	117		19	2.06	10		1.57	30		0.23	121	1	0.13	29	550	
K-08-0171	E778010	133.69	136.25	QTZT	non-mineralized	N-AML	0.01	<0.5	3	51	0.62	6	90	<0.5	<2	0.12	<0.5		1	41		4	0.67	<10		0.17	10		0.04	131	1	0.01	6	160	
K-08-0171	E778011	136.25	139.29	QTZT	non-mineralized	N-AML	0.01	<0.5	9	94	0.34	8	60	<0.5	<2	0.07	<0.5		1	30		2	0.37	<10		0.11	<10		0.02	222	1	0.01	2	110	
K-08-0171	E778012	139.29	142.34	QTZT	non-mineralized	N-AML	0.02	0.7	84	304	0.6	10	100	<0.5	<2	0.28	2.7		4	40		32	1.08	<10		0.18	<10		0.09	2220	1	0.02	27	180	
K-08-0171	E778014	142.34	145.39	QTZT	non-mineralized	N-AML	0.02	0.9	52	274	1.21	11	200	<0.5	<2	0.15	3.6		2	48		9	0.98	<10		0.39	10		0.05	277	1	0.03	14	310	
K-08-0171	E778015	145.39	148.44	QTZT	non-mineralized	N-AML	0.01	<0.5	3	33	0.36	<5	60	<0.5	<2	0.03	<0.5		1	33		2	0.32	<10		0.12	<10		0.01	38	1	0.01	3	150	
K-08-0171	E778016	148.44	151.49	QTZT	non-mineralized	N-AML	0.01	<0.5	2	49	0.36	<5	70	<0.5	<2	0.04	<0.5		1	45		2	0.49	<10		0.12	10		0.01	98	1	0.01	3	160	
K-08-0171	E778018	151.49	154.53	QTZT	non-mineralized	N-AML	0.02	0.5	14	139	0.32	6	60	<0.5	<2	0.15	1.2		2	35		2	0.58	<10		0.11	<10		0.05	611	1	0.01	4	170	
K-08-0171	E778019	154.53	155.59	QTZT	non-mineralized	N-AML	0.01	<0.5	11	54	0.41	<5	70	<0.5	<2	0.05	0.7		<1	34		2	0.34	<10		0.15	10		0.02	93	1	0.01	3	190	
K-08-0171	E778022	158.35	160.63	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	104	1.48	8	170	<0.5	<2	0.1	0.7		3	36		10	1.06	<10		0.34	10		0.13	132	<1	0.07	12	200	
K-08-0171	E778023	160.63	162.91	QTZT	non-mineralized	P-AML	0.01	24.2	2230	114	4.52	33	610	1.1	<2	0.56	0.6		7	71		19	2.77	10		1.04	20		0.4	236	1	0.16	31	400	
K-08-0171	E778024	162.91	164.6	QTZT	non-mineralized	P-AML	<0.01	<0.5	25	96	5.05	19	630	1.3	<2	0.67	<0.5		8	76		20	3.11	10		1.11	20		0.44	297	<1	0.15	35	490	
K-08-0171	E778025	164.6	166.73	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	53	0.44	<5	80	<0.5	<2	0.16	0.5		2	38		4	0.54	<10		0.13	<10		0.05	133	<1	0.02	4	120	
K-08-0171	E778027	166.73	169.77	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	40	0.49	5	80	<0.5	2	0.28	<0.5		1	36		4	0.56	<10		0.15	<10		0.1	137	<1	0.01	5	150	
K-08-0171	E778028	169.77	172.82	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	50	0.7	<5	120	<0.5	<2	0.11	<0.5		1	47		8	0.6	<10		0.22	10		0.05	103	<1	0.02	5	180	
K-08-0171	E778029	172.82	175.29	QTZT	non-mineralized	N-AML	<0.01	<0.5	29	73	0.93	5	140	<0.5	<2	0.31	0.7		2	42		6	0.96	<10		0.25	10		0.11	188	<1	0.03	9	230	
K-08-0171	E778030	175.29	178.29	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	59	2.24	8	280	0.5	2	1.48	<0.5		5	50		13	2.43	10		0.47	10		0.56	284	<1	0.06	22	310	
K-08-0171	E778031	178.29	179.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	90	6.17	12	790	1.6	<2	1.26	<0.5		9	94		16	3.24	10		1.16	20		0.68	231	1	0.22	37	710	
K-08-0171	E778032	179.7	181.72	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	60	0.9	6	140	<0.5	<2	2.59	<0.5		2	37		4	1.25	<10		0.23	10		0.93	322	<1	0.04	6	280	
K-08-0171	E778034	181.72	184.72	GSCH	non-mineralized	N-AML	<0.01	0.7	36	104	6.38	17	930	1.9	<2	0.96	0.6		10	106		25	2.89	20		1.35	20		0.49	201	2	0.19	42	740	
K-08-0171	E778035	184.72	186.32	GSCH	non-mineralized	N-AML	<0.01	<0.5	19	90	6.15	22	870	1.7	<2	0.82	0.5		9	104		18	2.98	10		1.27	20		0.44	188	1	0.16	37	510	
K-08-0171	E778037	186.32	188.93	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	40	0.43	<5	70	<0.5	<2	0.61	<0.5		1	30		3	0.44	<10		0.11	<10		0.09	114	<1	0.01	3	100	
K-08-0171	E778038	188.93	191.11	QTZT	non-mineralized	N-AML	<0.01	1.8	87	157	5.39	26	830	1.4	3	1.02	1.6		8	99		19	2.42	10		1.56	20		0.4	341	1	0.14	38	1120	
K-08-0171	E778039	191.11	191.66	QTZT	non-mineralized	P-AML	<0.01	1.4	391	979	1.68	7	240	<0.5	<2	0.3	11.3		3	44		3	1.13	<10		0.57	10		0.13	2030	<1	0.04	9	200	
K-08-0171	E778040	191.66	192.15	QTZT	non-mineralized	N-AML	<0.01	1	116	477	0.36	6	60	<0.5	<2	0.12	5.5		1	23		1	0.58	<10		0.12	<10		0.07	1310	<1	0.01	3	90	
K-08-0171	E778041	192.15	192.86	QTZT	non-mineralized	N-AML	<0.01	1.5	435	917	0.6	5	90	<0.5	<2	5.62	9.5		1	23		2	2.53	<10		0.21	10		2.11	5370	<1	0.01	3	170	
K-08-0171	E778043	192.86	194.16	QTZT	non-mineralized	N-AML	<0.01	1.2	286	802	0.63	<5	100	<0.5	2	0.22	9.1		2	29		4	0.93	<10		0.19	<10		0.11	2480	<1	0.02	6	120	
K-08-0171	E778044	194.16	196.05	QTZT	non-mineralized	P-AML	<0.01	1.6	256	912	0.6	6	100	<0.5	2	0.37	9.9		2	33		2	1.25	<10		0.19	<10		0.15	2540	<1	0.01	7	170	
K-08-0171	E778045	196.05	199.02	QTZT	non-mineralized	N-AML	<0.01	0.8	17	93	2.83	14	480	0.8	2	1.04	0.7		5	69		10	1.5	10		0.7	10		0.26	216	1	0.1	20	370	
K-08-0171	E778046	199.02	200.25	QTZT	non-mineralized	N-AML	<0.01	0.8	148	1180	0.34	<5	60	<0.5	<2	0.11	13.1		1	32		2	0.86	<10		0.12	<10		0.08	2340	<1	0.01	4	80	
K-08-0171	E778047	200.25	203.3	QTZT	non-mineralized	N-AML	<0.01	<0.5	89	368	0.31	<5	60	<0.5	2	0.08	3.8		1	37		2	0.58	<10		0.11	<10		0.05	1115	<1	0.01	4	80	
K-08-0171	E778049	203.3	206.35	QTZT	non-mineralized	N-AML	<0.01	0.5	132	409	0.3	<5	60	<0.5	2	0.05	4.3		1	38		4	0.8	<10		0.11	<10		0.05	1715	<1	0.01	5	70	
K-08-0171	E778050	206.35	209.4	QTZT	non-mineralized	N-AML	<0.01	<0.5	119	613	0.3	<5	80	<0.5	<2	0.35	6.5		1	34		3	0.75	<10		0.11	<10		0.06	1705	<1	0.01	4	80	
K-08-0171	E778051	209.4	212.45	QTZT	non-mineralized	N-AML	<0.01	0.9	66	348	0.63	<5	110	<0.5	2	1.04	3.7		1	41		8	0.84	<10		0.19	10		0.08	1115	<1	0.01	5	140	
K-08-0171	E778052	212.45	215.49	QTZT	non-mineralized	N-AML	<0.01	<0.5	106	482	0.39	18	80	<0.5	<2	0.06	5.4		1	35		2	0.83	<10		0.14	<10		0.05	1645	<1	0.01	3	70	
K-08-0171	E778053	215.49	218.54	QTZT	non-mineralized	N-AML	<0.01	0.6	255	529	0.5	7	110	<0.5	<2	0.25	6.1		1	31		2	0.9	<10		0.18	<10		0.1	2110	<1	0.01	4	90	
K-08-0171	E778054	218.54	221.07	QTZT	non-mineralized	N-AML	<0.01	0.7	69	199	0.38	26	70	<0.5	<2	0.13	2.1		1	32		3	0.57	<10		0.13	<10		0.05	487	<1	0.01	4	90	
K-08-0171	E778056	221.07	224.07	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	47	2.44	22	340	0.7	2	0.94	<0.5		4	59		12	1.92	10		0.58	10		0.49	194	1	0.06	22	200	
K-08-0171	E778057	224.07	227.07	QTZT	non-mineralized	P-AML	<0.01	<0.5	12	54	4.01	19	670	1.1	2	0.55	<0.5		4	75		12	1.5	10		1.11	20		0.33	135	<1	0.12	21	290	
K-08-0171	E778058	227.07	228.26	QTZT	non-mineralized	P-AML	<0.01	<0.5	7	40	2.78	16	520	0.8	2	0.35	<0.5		3	62		8	0.99	10		0.89	10		0.19	128	<1	0.08	16	230	
K-08-0171	E778059	228.26	230.73	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	59	1.04	11	170	<0.5	<2	0.79	0.5		2	39		8	1.16	<10		0.33	10		0.22	226	2	0.03	14	170	
K-08-0171	E778060	230.73	233.78	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	26	1	8	230	<0.5	<2	4.46	<0.5		1	30		4	1.06	<10		0.3	10		0.34	420	<1	0.03	8	490	
K-08-0171	E778061	233.78	236.83	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	68	3.2	20	700	0.7	3	1.5	0.5		4	72		41	2.01	10		1.06	20		0.25	220	<1	0.1	24	730	
K-08-0171	E778062	236.83	239.88	QTZT	non-mineralized	N-AML	0.01	<0.5	9	66	2.62	73	570	0.7	2	2.22	0.6		4	61		9	1.81	10		0.77	10		0.26	322	<1	0.09	19	560	
K-08-0171	E778063	239.88	242.93	QTZT	non-mineralized	N-AML	0.02	<0.5	10	63	0.92	45	230	<0.5	<2	2.96	0.9		1	32		4	1.03	<10		0.33	10		0.14	326	<1	0.03	8	460	
K-08-0171	E778064	242.93	244.75	QTZT	non-mineralized	P-AML	0.03	4	291	899	2.76	38	630	0.6	<2	1.2	9.5		4	69		8	2.11	<10		0.93	20		0.21	620	<1	0.1	20	1350	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0172	E754741	6.1	9	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	26	0.68	40	80	<0.5	2	0.01	<0.5		3	39		7	0.8	<10		0.16	10		0.03	84	<1	0.02	8	90	
K-08-0172	E754742	9	11	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	15	0.5	15	50	<0.5	2	0.01	<0.5		2	38		5	0.64	<10		0.11	<10		0.02	79	<1	0.02	6	60	
K-08-0172	E754743	11	12.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	34	1.4	21	140	<0.5	<2	0.07	<0.5		4	51		14	1.25	<10		0.3	10		0.07	140	<1	0.04	12	180	
K-08-0172	E754745	12.8	15.42	GSCH	non-mineralized	N-AML	<0.01	<0.5	13	104	7.61	21	910	1.9	<2	0.12	<0.5		9	95		19	3.59	20		1.94	30		0.34	241	<1	0.15	40	650	
K-08-0172	E754746	15.42	17.12	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	51	3.72	28	240	0.6	2	0.17	0.6		10	132		39	3.22	10		0.4	10		0.26	322	<1	0.04	33	290	
K-08-0172	E754747	17.12	17.55	GSCH	non-mineralized	N-AML	<0.01	<0.5	17	52	11.15	80	2140	4.4	4	0.11	<0.5		6	214		37	2.38	30		3.72	50		0.26	72	2	0.7	31	510	
K-08-0172	E754748	17.55	18.34	QTZT	non-mineralized	N-AML	<0.01	0.7	11	252	7.24	115	510	0.9	2	0.67	3.4		31	149		109	7.8	20		0.93	10		2.86	1135	<1	0.15	105	700	
K-08-0172	E754749	18.34	20	QTZT	non-mineralized	N-AML	0.01	<0.5	8	33	0.52	54	120	<0.5	<2	0.05	0.7		2	43		5	0.55	<10		0.16	10		0.03	171	<1	0.02	7	100	
K-08-0172	E754751	20	21.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	13	32	0.54	11	80	<0.5	2	0.04	<0.5		1	38		6	0.59	<10		0.17	10		0.03	105	<1	0.01	6	80	
K-08-0172	E754752	21.8	24.8	QTZT	non-mineralized	N-AML	<0.01	0.6	16	49	1.41	42	140	<0.5	<2	0.04	<0.5		3	46		7	0.95	<10		0.38	10		0.04	95	<1	0.06	13	190	
K-08-0172	E754753	24.8	27.45	QTZT	non-mineralized	N-AML	<0.01	0.5	14	62	3.86	23	410	1	2	0.04	<0.5		5	71		10	2.05	10		0.98	20		0.12	146	<1	0.11	20	280	
K-08-0172	E754755	27.45	30.4	QTZT	non-mineralized	N-AML	<0.01	0.7	16	60	0.54	13	60	<0.5	<2	0.05	<0.5		1	37		3	0.76	<10		0.18	<10		0.03	82	<1	0.01	6	90	
K-08-0172	E754756	30.4	33.53	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	64	0.43	14	50	<0.5	<2	0.57	0.7		1	43		2	0.54	<10		0.16	10		0.04	155	<1	0.01	6	100	
K-08-0172	E754757	33.53	36	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	53	0.36	15	50	<0.5	3	0.04	0.5		1	39		3	0.6	<10		0.12	10		0.01	76	<1	0.01	4	90	
K-08-0172	E754758	36	39	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	107	1.04	19	170	<0.5	<2	0.24	0.5		3	39		9	1.15	<10		0.3	10		0.05	191	<1	0.03	15	250	
K-08-0172	E754759	39	42	QTZT	non-mineralized	N-AML	<0.01	0.7	36	201	2.4	33	480	0.6	<2	0.04	2.4		3	56		7	1.26	<10		0.77	10		0.06	288	<1	0.09	12	240	
K-08-0172	E754760	42	45	QTZT	non-mineralized	N-AML	0.02	2.5	276	594	3.15	91	550	0.8	3	0.04	6.2		4	68		7	1.77	10		1.13	10		0.06	921	<1	0.08	17	290	
K-08-0172	E754761	45	48	QTZT	non-mineralized	N-AML	0.01	0.9	59	35	0.3	20	60	<0.5	<2	0.01	<0.5		1	41		1	0.35	<10		0.11	<10		0.01	64	1	0.01	3	20	
K-08-0172	E754762	48	51	QTZT	non-mineralized	N-AML	0.02	0.7	65	52	0.32	22	60	<0.5	2	0.01	0.6		1	51		2	0.45	<10		0.12	10		0.01	101	1	0.01	5	30	
K-08-0172	E754763	51	52.74	QTZT	non-mineralized	N-AML	0.01	1.8	28	184	0.81	28	130	<0.5	<2	0.11	2.7		4	42		9	0.81	<10		0.28	10		0.02	602	<1	0.02	13	230	
K-08-0172	E754765	52.74	55.74	QTZT	non-mineralized	N-AML	<0.01	0.7	11	98	4.52	26	700	1	2	3.43	0.7		7	78		15	2.59	10		1.25	20		0.17	276	<1	0.08	29	740	
K-08-0172	E754766	55.74	58.74	QTZT	non-mineralized	N-AML	<0.01	0.6	8	53	3.74	8	630	0.9	4	1.21	<0.5		4	69		12	2.04	10		0.87	20		0.14	153	<1	0.09	22	380	
K-08-0172	E754767	58.74	61.19	QTZT	non-mineralized	N-AML	<0.01	0.5	5	39	2.21	9	350	0.5	4	0.29	<0.5		4	56		8	1.43	<10		0.53	10		0.07	119	<1	0.07	17	390	
K-08-0172	E754769	61.19	63.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	14	25	0.5	<5	80	<0.5	2	0.73	<0.5		2	48		6	0.82	<10		0.11	10		0.08	114	1	0.01	9	290	
K-08-0172	E754770	63.8	64.85	GSCH	non-mineralized	N-AML	<0.01	<0.5	16	51	5.36	21	810	1.6	5	0.26	<0.5		3	101		18	2.14	10		1.09	20		0.1	80	<1	0.29	17	940	
K-08-0172	E754771	64.85	67.85	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	34	1.09	<5	110	<0.5	3	0.49	<0.5		4	44		10	1.26	<10		0.13	10		0.04	101	1	0.02	14	370	
K-08-0172	E754772	67.85	70.85	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	39	1.89	<5	240	0.5	3	0.4	<0.5		4	49		8	1.27	<10		0.29	10		0.06	101	<1	0.05	15	300	
K-08-0172	E754774	70.85	73.85	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	64	3.51	14	440	0.9	2	0.58	<0.5		7	66		14	2.7	10		0.62	20		0.21	179	2	0.13	28	600	
K-08-0172	E754775	73.85	76.2	GSCH	non-mineralized	N-AML	<0.01	<0.5	13	86	5.58	11	680	1.3	4	0.4	<0.5		10	83		22	3.62	10		0.98	30		0.31	182	<1	0.14	38	690	
K-08-0172	E754776	76.2	79.24	GSCH	non-mineralized	N-AML	<0.01	<0.5	17	105	8.73	12	1160	2.4	2	0.57	<0.5		12	108		22	4.2	20		1.66	30		0.45	205	<1	0.23	53	840	
K-08-0172	E754777	79.24	82.24	GSCH	non-mineralized	P-AML	<0.01	0.7	34	112	9.74	18	1260	2.6	7	0.57	<0.5		20	114		32	4.5	20		1.86	40		0.55	213	<1	0.31	65	880	
K-08-0172	E754778	82.24	85	GSCH	non-mineralized	N-AML	<0.01	<0.5	19	114	9.97	17	1310	2.8	4	0.46	<0.5		16	121		20	4.64	20		1.96	40		0.58	235	<1	0.31	62	950	
K-08-0172	E754779	85	87.4	GSCH	non-mineralized	N-AML	<0.01	<0.5	26	150	9.69	21	1140	2.6	3	0.63	<0.5		17	115		34	5.37	20		1.74	30		0.65	306	<1	0.28	67	970	
K-08-0172	E754780	87.4	90.4	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	28	1.31	<5	160	0.5	<2	2.35	<0.5		3	36		9	1.87	<10		0.26	10		0.81	315	<1	0.07	11	290	
K-08-0172	E754781	90.4	93.4	QTZT	mineralized	P-AML	<0.01	<0.5	<2	28	1.32	<5	200	<0.5	<2	0.17	<0.5		1	64		11	1.06	<10		0.33	10		0.07	92	<1	0.04	9	420	
K-08-0172	E754782	93.4	96.4	QTZT	mineralized	P-AML	<0.01	<0.5	<2	8	0.32	<5	60	<0.5	<2	0.25	<0.5		<1	38		2	0.31	<10		0.1	<10		0.03	42	<1	0.01	4	160	
K-08-0172	E754783	96.4	99.4	QTZT	mineralized	P-AML	<0.01	<0.5	<2	9	0.37	<5	60	<0.5	<2	0.15	<0.5		1	39		2	0.47	<10		0.1	<10		0.03	50	<1	0.01	6	180	
K-08-0172	E754785	99.4	102.4	QTZT	mineralized	P-AML	<0.01	<0.5	<2	19	0.6	13	100	<0.5	<2	0.06	<0.5		<1	43		2	0.59	<10		0.17	10		0.02	43	<1	0.01	5	260	
K-08-0172	E754786	102.4	105.4	QTZT	mineralized	P-AML	<0.01	<0.5	<2	25	0.59	7	80	<0.5	<2	0.04	<0.5		<1	37		3	0.6	<10		0.15	10		0.02	41	<1	0.02	3	200	
K-08-0172	E754787	105.4	107.45	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	108	1.64	10	250	<0.5	<2	2.8	2.2		2	62		5	1.34	<10		0.45	10		0.08	273	<1	0.05	11	490	
K-08-0172	E754789	107.45	108.75	QTZT	non-mineralized	N-AML	<0.01	<0.5	16	44	0.88	<5	110	<0.5	<2	0.03	0.6		<1	51		8	0.94	<10		0.2	10		0.04	52	<1	0.02	5	230	
K-08-0172	E754790	108.75	109.85	QTZT	non-mineralized	P-AML	0.01	<0.5	20	55	6.33	39	960	1.6	3	0.06	<0.5		<1	122		14	1.82	20		1.97	30		0.18	73	1	0.2	19	770	
K-08-0172	E754811	151.79	152.23	GNST	non-mineralized	N-AML	<0.01	<0.5	9	151	7.24	14	250	0.5	<2	6.53	0.5		30	139		154	7.36	20		0.3	10		2.48	998	6	0.04	63	720	
K-08-0172	E754791	109.85	112.85	GSCH	non-mineralized	N-AML	0.01	0.5	6	20	0.39	9	70	<0.5	<2	0.03	<0.5		<1	42		5	0.49	10		0.13	<10		0.01	61	<1	0.01	3	150	
K-08-0172	E754792	112.85	115.85	QTZT	non-mineralized	N-AML	<0.01	<0.5	18	20	0.36	11	70	<0.5	<2	0.05	<0.5		1	42		3	0.57	<10		0.13	<10		0.01	293	<1	0.01	4	140	
K-08-0172	E754793	115.85	118.85	QTZT	non-mineralized	N-AML	0.01	<0.5	5	22	0.74	13	120	<0.5	3	0.21	<0.5		2	34		10	0.65	10		0.21	10		0.05	91	<1	0.02	5	240	
K-08-0172	E754794	118.85	120.38	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	26	1.42	<5	310	<0.5	<2	0.44	<0.5		2	40		6	0.92	10		0.39	10		0.13	109	<1	0.06	12	310	
K-08-0172	E754796	120.38	123.38	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	88	5.27	11	660	1.3	3	0.6	<0.5		8	77		16	2.77	10		0.92	20		0.34	166	<1	0.17	36	490	
K-08-0172	E754797	123.38	125.95	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	27	2.3	8	350	0.7	<2	1.35	<0.5		<1	49		7	1.31	10		0.5	10		0.51	148	<1	0.18	10	290	
K-08-0172	E754798	125.95	129	GSCH	non-mineralized	N-AML	<0.01	<0.5	18	102	8.3	13	1250	2.3	<2	0.68	<0.5		11	115		22	2.95	20		1.75	30		0.38	146	1	0.34	47	680	
K-08-0172	E754820	173.25	176.25	CQTZT	non-mineralized	N-AML	<0.01	<0.5	4	19	0.73	5	130	<0.5	<2	3.34	<0.5		2	45		4	1	<10		0.16	<10		0.22	166	1	0.02	7	510	
K-08-0172	E754799	129	131.29	GSCH	non-mineralized	N-AML	<0.01	<0.5	23	119	9.72	5	1320	3	2	0.77	<0.5		14	113		28	4.49	30		1.97	30		0.63	247	<1	0.34	54	1150	
K-08-0172	E754800	131.29	133	GSCH	non-mineralized	P-AML	<0.01	<0.5	30	127	9.64	26	1330	2.5	4	0.61	<0.5		16	111		31	4.78	20		2.06	30		0.61	228	<1	0.28	61	900	
K-08-0172	E754801	133	136	QTZT	non-mineralized	N-AML	<0.01	<0.5	13	70	5.36	12	660	1.4	3	1.02	<0.5		7	68		13	3.06	10		1.04	20		0.54	202	<1	0.18	34	600	
K-08-0172	E754802	136	139	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	36	1.32	<5	150	<0.5	<2	0.37	<0.5		2	56		8	1.81	<10		0.21	10		0.19	169	<1	0.05	12	310	
K-08-0172	E754803	139	142	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	25	1.59	6	210	<0.5	<2	2.69	<0.5		2	40		5	1.55	<10		0.3	10		0.91	205	<1	0.09	9	400	
K-08-0172	E754805	142	145	QTZT	non-mineralized	N-AML	0.01	<0.5	5	20	1.07	<5	150	<0.5	<2	0.14	<0.5		1	40		5	0.53	<10		0.22	10		0.04	39	<1	0.08	7	150	
K-08-0172	E754806	145	145.96	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	17	0.94	<5	110	<0.5	<2	1.16	<0.5		1	35		2	0.87	<10		0.17	<10		0.32	99	<1	0.05	4	270	
K-08-0172	E754807	145.96	146.85	GSCH	non-mineralized	P-AML	<0.01	<0.5	20	126	8.73	21	1190	2.5	2	0.42	<0.5		13	149		28	3.84	20		1.7	30		0.58	210	<1	0.41	59	860	
K-08-0172	E754808	146.85	149.85	QTZT	non-mineralized	N-AML	0.03	<0.5	3	27	1.16	<5	130	<0.5	<2	0.65	<0.5		2	52		6	1.2	<10		0.16	10		0.29	115	<1	0.03	10	180	
K-08-0172	E754810	149.85	151.79	QTZT	non-mineralized	N-AML	<0.01	<0.5	21	62	2.68	5	330	0.7	<2	1.07	<0.5		5	57		22	1.83	10		0.42	10		0.43	200	<1	0.11	20	490	
K-08-0172	E754812	152.23	155.23	QTZT	non-mineralized	P-AML	<0.01	<0.5	12	44	3.63	5	490	1	<2	0.61	<0.5		5	69		10	2.01	10		0.65	10		0.29	141	<1	0.14	22	420	
K-08-0172	E754813	155.23	158.23	QTZT	non-mineralized	N-AML	0.01	<0.5	20	80	5.78	20	1060	1.5	3	0.94	<0.5		8	96		34	2.73	20		1.29	20		0.54	196	1	0.13	38	460	
K-08-0172	E754814	158.23	161.25	GSCH	non-mineralized	P-AML	0.01	<0.5	18	94	7.27	11	1140	2	2	0.64	<0.5		9	111		21	3.24	20		1.45	20		0.5	196	<1	0.19	42	640	
K-08-0172	E754816	161.25	164.25	GSCH	non-mineralized	N-AML	0.01	<0.5	11	70	5.12	9	760	1.3	<2	0.9	<0.5		7	86		21	2.84	10		0.99	20		0.51	200	2	0.12	33	470	
K-08-0172	E754817	164.25	167.25	QTZT	non-mineralized	P-AML	<0.01	<0.5	5	31	1.59	10	240	<0.5	<2	0.4	<0.5		3	52		13	0.98	10		0.34	10		0.15	85	2	0.06	18	200	
K-08-0172	E754818	167.25	170.25	QTZT	non-mineralized	P-AML	<0.01	<0.5	6	43	2.19	6	310	0.6	<2	0.35	<0.5		4	51		9	1.16	10		0.46	10		0.17	99	2	0.09	17	170	
K-08-0172	E754819	170.25	173.25	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	29	0.92	5	180	<0.5	<2	2.04	<0.5		3	43		6	1.46	<10		0.23	10		0.55	275	1	0.03	10	330	
K-08-0172	E754821	176.25	178.27	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	30	1.44	5	170	<0.5	<2	0.54	<0.5		2	41		6	1.14	<10		0.22	10		0.24	106	<1	0.04	12	140	
K-08-0172	E754822	178.27	179.18	GSCH	non-mineralized	P-AML	<0.01	1	15	92	6.88	20	1050	1.9	<2	0.38	<0.5		10	117		27	2.59	20		1.42	20		0.3	133	9	0.21	50	430	
K-08-0172	E754824	179.18	182	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	43	1.62	10	290	<0.5	<2	3.76	<0.5		3	46		8	1.38	<10		0.36	10		0.25	192	<1	0.05	13	560	
K-08-0172	E754825	182	185	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	55	1.74	9	280	0.5	<2	2.5	<0.5		3	47		10	1.3	<10		0.38	10		0.18	172	1	0.05	16	430	
K-08-0172	E754826	185	187.53	QTZT	non-mineralized	N-AML	<0.01	2.7	310	373	1.03	13	180	<0.5	<2	0.47	4.5		3	46		6	0.75	<10		0.34	10		0.06	456	1	0.02	10	170	
K-08-0172	E754827	187.53	189.41	QTZT	non-mineralized	N-AML	<0.01	0.8	194	520	0.34	<5	60	<0.5	<2	3.71	6.6		1	25		2	1.69	<10		0.11	<10		1.35	1890	1	0.01	8	80	
K-08-0172	E754828	189.41	192.41	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	43	0.47	<5	70	<0.5	<2	1.72	<0.5		2	34		4	0.81	<10		0.11	<10		0.56	172	1	0.01	8	90	
K-08-0172	E754829	192.41	195.41	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	101	0.3	<5	50	<0.5	<2	3.23	<0.5		3	27		3	1.27	<10		0.07	<10		1.14	616	<1	0.01	5	80	
K-08-0172	E754831	195.41	197.6	QTZT	non-mineralized	N-AML	<0.01	<0.5	26	95	0.59	<5	100	<0.5	<2	1.4	0.5		2	28		8	0.81	<10		0.14	<10		0.47	257	1	0.02	8	70	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0172	E754832	197.6	199.55	QTZT	non-mineralized	P-AML	0.01	<0.5	16	56	3.37	5	540	1.1	<2	0.42	0.5		6	80		12	1.33	10		0.73	10		0.14	94	1	0.13	21	430	
K-08-0172	E754833	199.55	202.55	QTZT	non-mineralized	P-AML	0.04	<0.5	6	27	1.03	<5	160	<0.5	<2	0.51	<0.5		3	43		33	0.68	<10		0.2	10		0.07	78	1	0.03	9	230	
K-08-0172	E754834	202.55	206	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	16	0.29	<5	30	<0.5	<2	0.29	<0.5		2	32		3	0.46	<10		0.04	<10		0.04	72	1	0.01	3	100	
K-08-0172	E754855	248	250	CQTZT	non-mineralized	N-AML	<0.01	<0.5	4	17	0.56	<5	140	<0.5	<2	8.56	<0.5		1	26		2	0.88	<10		0.15	<10		0.2	311	<1	0.01	5	750	
K-08-0172	E754857	250	252	CQTZT	non-mineralized	N-AML	<0.01	<0.5	5	11	0.47	<5	100	<0.5	<2	7.8	<0.5		1	21		1	0.72	<10		0.1	<10		0.28	206	<1	0.01	5	600	
K-08-0172	E754836	206	208.81	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	20	0.44	<5	70	<0.5	<2	0.69	<0.5		2	34		3	0.54	<10		0.09	<10		0.11	102	1	0.01	7	130	
K-08-0172	E754837	208.81	211.81	GSCH	non-mineralized	P-AML	<0.01	0.6	20	101	8.22	19	1270	2.2	<2	0.76	<0.5		10	138		25	3.51	20		1.78	20		0.53	179	<1	0.21	49	800	
K-08-0172	E754838	211.81	214.81	GSCH	non-mineralized	P-AML	<0.01	0.5	20	82	5.82	19	700	1.5	<2	1.22	<0.5		8	101		23	3.31	10		1.3	20		0.54	169	1	0.15	40	1030	
K-08-0172	E754839	214.81	216.9	GSCH	non-mineralized	N-AML	0.03	<0.5	5	53	2.81	8	380	0.7	<2	0.84	<0.5		6	60		15	2.15	10		0.58	10		0.45	165	1	0.06	26	250	
K-08-0172	E754840	216.9	219.7	GSCH	non-mineralized	P-AML	0.01	<0.5	19	107	5.37	20	910	1.3	<2	0.44	<0.5		9	102		39	2.5	10		1.51	20		0.33	265	2	0.12	37	560	
K-08-0172	E754841	219.7	221	GSCH	non-mineralized	N-AML	<0.01	<0.5	13	110	2.19	<5	330	0.7	<2	0.79	<0.5		4	53		19	1.28	<10		0.52	10		0.34	215	1	0.05	20	350	
K-08-0172	E754842	221	221.36	GSCH	non-mineralized	N-AML	<0.01	3.7	6	106	0.82	<5	130	<0.5	<2	0.44	<0.5		2	31		14	0.78	<10		0.21	<10		0.13	172	1	0.02	11	500	
K-08-0172	E754867	265.68	267.35	GNST	non-mineralized	N-AML	<0.01	<0.5	7	80	5.06	24	430	0.5	<2	7.14	<0.5		27	60		151	7.01	20		0.43	<10		2.24	1270	<1	0.31	49	560	
K-08-0172	E754843	221.36	224.36	QTZT	non-mineralized	P-AML	0.01	<0.5	8	36	1.7	<5	250	0.5	<2	0.33	<0.5		3	58		14	1.02	<10		0.38	10		0.16	99	1	0.04	13	100	
K-08-0172	E754844	224.36	227.36	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	29	0.45	<5	60	<0.5	<2	0.11	<0.5		2	36		4	0.52	<10		0.08	<10		0.05	85	1	0.01	6	70	
K-08-0172	E754845	227.36	230.36	QTZT	non-mineralized	P-AML	<0.01	0.6	15	82	1.57	7	250	<0.5	<2	0.22	0.6		4	66		19	1.07	<10		0.4	10		0.12	139	2	0.03	14	80	
K-08-0172	E754847	230.36	233.36	QTZT	non-mineralized	N-AML	<0.01	<0.5	19	75	0.35	<5	80	<0.5	<2	0.05	0.8		1	36		4	0.47	<10		0.13	<10		0.02	277	1	0.01	5	60	
K-08-0172	E754848	233.36	236.36	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	57	0.39	<5	100	<0.5	3	0.13	0.5		1	33		3	0.43	<10		0.13	<10		0.05	133	1	0.01	3	80	
K-08-0172	E754849	236.36	239.36	QTZT	non-mineralized	N-AML	<0.01	0.5	14	128	0.55	<5	110	<0.5	<2	0.24	0.6		2	38		5	0.71	<10		0.15	<10		0.09	240	1	0.01	6	70	
K-08-0172	E754850	239.36	242.36	QTZT	non-mineralized	P-AML	<0.01	0.5	10	58	2.56	6	440	0.7	<2	0.52	<0.5		5	71		22	1.69	10		0.6	10		0.29	166	2	0.05	21	240	
K-08-0172	E754852	242.36	244.98	QTZT	non-mineralized	P-AML	<0.01	<0.5	23	62	1.63	<5	310	<0.5	<2	0.51	<0.5		4	70		20	1.24	<10		0.39	10		0.21	88	4	0.04	26	120	
K-08-0172	E754853	244.98	246	QTZT	non-mineralized	P-AML	<0.01	1.4	21	95	7.34	25	780	2.1	<2	0.76	<0.5		12	155		50	3.41	20		1.94	30		0.3	161	11	0.21	64	300	
K-08-0172	E754854	246	248	QTZT	non-mineralized	P-AML	<0.01	<0.5	6	21	0.98	<5	180	<0.5	<2	0.7	<0.5		2	43		5	0.93	<10		0.24	<10		0.12	101	1	0.03	10	230	
K-08-0172	E754858	252	255	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	39	1.74	7	400	0.5	<2	1.8	<0.5		3	55		8	1.35	<10		0.45	10		0.23	123	1	0.06	13	440	
K-08-0172	E754859	255	258	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	25	1.14	<5	190	<0.5	<2	1.03	<0.5		3	42		6	0.9	<10		0.29	10		0.14	104	1	0.03	11	320	
K-08-0172	E754860	258	260	QTZT	non-mineralized	N-AML	<0.01	<0.5	13	38	2.05	<5	370	0.5	<2	2.08	<0.5		4	58		9	1.28	<10		0.51	10		0.2	124	<1	0.06	17	480	
K-08-0172	E754861	260	262.75	QTZT	non-mineralized	N-AML	0.01	<0.5	24	67	1.72	9	330	0.5	<2	2.41	0.7		2	46		4	1.43	<10		0.5	10		0.73	333	<1	0.05	9	350	
K-08-0172	E754862	262.75	263.4	QTZT	non-mineralized	P-AML	0.01	6.4	136	428	4.23	25	790	1.1	<2	0.63	4.4		8	76		16	1.77	10		1.43	20		0.25	455	<1	0.13	31	650	
K-08-0172	E754863	263.4	264.72	QTZT	non-mineralized	N-AML	<0.01	3.1	394	800	2.06	16	360	0.5	<2	1.42	8.5		4	48		8	1.68	10		0.7	10		0.27	1990	<1	0.06	17	460	
K-08-0172	E754865	264.72	265.68	QTZT	non-mineralized	P-AML	<0.01	2.8	226	320	2.07	18	380	0.5	<2	0.25	4.1		5	46		12	1.77	10		0.54	10		0.2	2320	<1	0.09	19	450	
K-08-0172	E754868	267.35	270	QTZT	non-mineralized	P-AML	<0.01	<0.5	5	10	0.61	5	120	<0.5	<2	0.72	<0.5		1	34		4	0.82	<10		0.16	10		0.14	117	<1	0.04	7	300	
K-08-0172	E754869	270	272.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	26	1.27	7	240	<0.5	<2	1.12	<0.5		3	37		16	1.22	<10		0.31	10		0.23	137	2	0.08	17	260	
K-08-0172	E754870	272.2	274.21	QTZT	non-mineralized	P-AML	<0.01	<0.5	10	17	0.88	9	160	<0.5	<2	0.55	<0.5		3	31		12	1.07	<10		0.23	10		0.21	113	1	0.03	15	90	
K-08-0172	E754871	274.21	277.21	GSCH	non-mineralized	N-AML	<0.01	<0.5	19	79	5.09	15	790	1.1	<2	0.99	<0.5		8	90		58	3.43	10		1.07	20		0.54	242	2	0.18	41	520	
K-08-0172	E754873	277.21	279.81	GSCH	non-mineralized	P-AML	<0.01	<0.5	35	75	3.63	13	530	0.9	<2	0.57	<0.5		6	69		37	1.89	10		0.71	20		0.33	123	<1	0.23	25	370	
K-08-0172	E754874	279.81	281.58	GSCH	non-mineralized	P-AML	0.01	<0.5	34	69	6.17	21	900	1.7	<2	0.38	<0.5		8	106		21	3	10		1.25	30		0.33	117	<1	0.46	37	510	
K-08-0172	E754875	281.58	283.65	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	36	0.36	<5	70	<0.5	<2	0.86	<0.5		<1	35		12	0.69	<10		0.09	<10		0.09	96	<1	0.02	6	100	
K-08-0172	E754876	283.65	285.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	10	0.4	<5	70	<0.5	<2	0.86	<0.5		1	29		3	0.57	<10		0.09	<10		0.09	76	<1	0.02	6	100	
K-08-0172	E754877	285.8	287.8	QTZT	non-mineralized	N-AML	<0.01	<0.5	18	84	3.74	21	680	0.9	<2	2.89	0.5		6	80		13	2.13	10		0.92	20		0.4	153	<1	0.3	30	640	
K-08-0172	E754878	287.8	290	QTZT	non-mineralized	P-AML	<0.01	<0.5	3	17	0.64	<5	100	<0.5	<2	0.43	<0.5		2	36		4	0.61	<10		0.15	10		0.07	51	<1	0.06	8	280	
K-08-0172	E754879	290	292	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	32	1.56	6	200	<0.5	<2	1.93	<0.5		2	42		7	1.62	<10		0.28	10		0.67	207	<1	0.11	15	320	
K-08-0173	E771015	4.57	7	QTZT	mineralized	P-AML	<0.01	<0.5	<2	16	0.47	47	80	<0.5	<2	0.12	<0.5		1	44		5	0.65	<10		0.13	10		0.03	141	1	0.02	6	190	
K-08-0173	E771016	7	10.02	QTZT	non-mineralized	N-AML	0.01	<0.5	3	39	0.53	57	70	<0.5	<2	0.05	<0.5		2	46		4	0.77	<10		0.12	10		0.07	165	1	0.03	7	200	
K-08-0173	E771017	10.02	12.27	QTZT	mineralized	P-AML	<0.01	<0.5	<2	36	0.4	13	70	<0.5	3	0.25	<0.5		1	44		5	0.85	<10		0.1	10		0.04	144	<1	0.01	7	140	
K-08-0173	E771019	12.27	14.69	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	39	0.85	106	110	<0.5	<2	0.52	0.5		2	50		5	0.88	<10		0.18	10		0.08	160	<1	0.05	9	240	
K-08-0173	E771020	14.69	17.37	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	57	3.91	10	520	1	<2	0.46	<0.5		3	86		14	1.83	10		0.92	20		0.16	116	2	0.21	21	640	
K-08-0173	E771021	17.37	20	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	36	0.53	8	50	<0.5	<2	0.05	<0.5		1	53		5	0.78	<10		0.08	10		0.06	121	1	0.03	6	250	
K-08-0173	E771022	20	22.65	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	51	3.22	<5	400	0.9	<2	1.48	<0.5		5	75		11	1.65	10		0.68	20		0.22	237	1	0.21	17	590	
K-08-0173	E771024	22.65	25.43	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	18	0.83	11	100	<0.5	<2	0.21	<0.5		1	44		3	0.66	<10		0.14	10		0.04	87	<1	0.05	6	240	
K-08-0173	E771025	25.43	27.42	QTZT	non-mineralized	N-AML	0.01	<0.5	3	21	0.55	8	60	<0.5	<2	0.06	<0.5		1	39		3	0.57	<10		0.08	10		0.03	108	<1	0.03	4	180	
K-08-0173	E771027	27.42	29.15	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	23	0.4	7	50	<0.5	<2	0.03	<0.5		1	36		2	0.51	<10		0.07	<10		0.02	64	<1	0.02	4	170	
K-08-0173	E771028	29.15	33.14	QTZT	non-mineralized	N-AML	<0.01	0.6	11	61	3.67	10	950	1.1	<2	0.04	<0.5		<1	74		30	2	10		0.86	20		0.17	121	7	0.18	12	230	
K-08-0173	E771029	33.14	36.15	QTZT	non-mineralized	N-AML	<0.01	0.5	4	68	3.05	20	400	0.9	<2	0.14	<0.5		1	74		12	1.59	<10		0.62	20		0.1	83	<1	0.16	11	480	
K-08-0173	E771030	36.15	39.13	QTZT	non-mineralized	N-AML	0.01	<0.5	3	61	1.16	19	160	<0.5	<2	0.04	<0.5		2	50		9	0.91	<10		0.28	10		0.09	161	<1	0.04	11	230	
K-08-0173	E771031	39.13	42.13	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	33	0.55	11	60	<0.5	<2	0.04	<0.5		1	51		6	0.64	<10		0.13	10		0.02	113	<1	0.01	7	150	
K-08-0173	E771032	42.13	45.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	74	1.27	25	160	<0.5	<2	0.25	0.5		4	50		9	0.88	<10		0.31	10		0.05	234	<1	0.04	15	380	
K-08-0173	E771033	45.2	48.28	QTZT	non-mineralized	N-AML	<0.01	1.4	6	81	1.53	15	260	<0.5	<2	0.14	0.5		2	50		13	1.11	<10		0.4	10		0.04	159	1	0.08	9	230	
K-08-0173	E771034	48.28	49.55	GSCH	non-mineralized	N-AML	<0.01	<0.5	7	80	3.99	9	940	1.2	<2	0.03	<0.5		1	79		47	2.78	10		1.09	20		0.25	120	8	0.12	17	270	
K-08-0173	E771035	49.55	52.07	GSCH	non-mineralized	N-AML	<0.01	<0.5	9	74	3.6	14	890	1.1	<2	0.04	<0.5		2	69		42	2.25	10		0.89	10		0.2	149	5	0.12	18	200	
K-08-0173	E771037	52.07	55.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	87	1.02	14	120	<0.5	<2	0.07	<0.5		5	49		7	0.87	<10		0.2	10		0.06	248	<1	0.04	13	290	
K-08-0173	E771038	55.2	56.43	QTZT	mineralized	P-AML	<0.01	<0.5	<2	47	0.52	16	50	<0.5	<2	0.04	<0.5		3	42		3	0.51	<10		0.12	10		0.02	219	<1	0.02	5	110	
K-08-0173	E771039	56.43	58.52	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	35	0.44	33	50	<0.5	<2	0.03	<0.5		1	49		2	0.42	<10		0.12	10		0.01	114	<1	0.01	4	100	
K-08-0173	E771040	58.52	61.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	129	2.44	30	300	0.6	<2	0.1	0.5		5	61		14	1.62	10		0.61	10		0.07	215	1	0.08	18	480	
K-08-0173	E771041	61.5	64.51	QTZT	non-mineralized	N-AML	0.06	<0.5	3	54	0.5	7	40	<0.5	<2	0.07	<0.5		2	40		3	0.6	<10		0.08	10		0.06	150	<1	0.02	10	240	
K-08-0173	E771042	64.51	67.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	37	0.41	<5	40	<0.5	<2	0.26	<0.5		2	41		3	0.52	<10		0.08	<10		0.09	104	<1	0.01	9	190	
K-08-0173	E771044	67.5	70.12	QTZT	non-mineralized	N-AML	0.01	<0.5	6	37	0.76	10	80	<0.5	<2	0.11	<0.5		2	39		3	0.68	<10		0.18	10		0.04	111	1	0.03	11	150	
K-08-0173	E771045	70.12	72.02	GSCH	non-mineralized	N-AML	<0.01	2.5	24	111	7.45	27	810	2.1	<2	0.86	<0.5		11	123		29	3.65	20		1.83	30		0.44	162	<1	0.2	47	700	
K-08-0173	E771066	112.98	113.07	SSCH	mineralized	P-AML	<0.01	0.5	<2	100	5.96	68	130	0.6	<2	4.97	<0.5		34	138		123	6.56	10		0.3	<10		2.94	803	<1	0.18	69	540	
K-08-0173	E771046	72.02	73.92	GSCH	non-mineralized	N-AML	0.01	0.7	20	108	7.64	19	820	2	<2	0.94	<0.5		9	131		22	3.42	20		1.82	30		0.4	168	<1	0.18	43	740	
K-08-0173	E771047	73.92	76.92	QTZT	non-mineralized	N-AML	0.01	<0.5	3	40	0.73	5	70	<0.5	<2	0.09	<0.5		1	44		4	0.62	<10		0.16	10		0.06	215	<1	0.02	6	140	
K-08-0173	E771049	76.92	79.94	QTZT	non-mineralized	N-AML	<0.01	<0.5	14	26	0.34	<5	30	<0.5	<2	0.02	<0.5		<1	45		3	0.4	<10		0.06	<10		0.02	32	<1	0.01	4	90	
K-08-0173	E771050	79.94	81.2	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	28	0.43	<5	40	<0.5	<2	0.05	<0.5		1	41		3	0.48	<10		0.07	<10		0.04	61	1	0.01	6	120	
K-08-0173	E771051	81.2	82.92	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	29	0.43	<5	40	<0.5	<2	0.07	<0.5		1	42		3	0.55	<10		0.08	10		0.05	58	<1	0.01	5	120	
K-08-0173	E771052	82.92	84.71	QTZT	non-mineralized	P-AML	0.01	<0.5	4	25	0.54	<5	50	<0.5	<2	0.2	<0.5		2	40		4	0.72	<10		0.09	<10		0.07	65	<1	0.01	7	160	
K-08-0173	E771053	84.71	87.69	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	51	3.58	10	380	1	<2	0.86	<0.5		4	75		12	1.78	10		0.75	20		0.23	105	<1	0.12	20	460	
K-08-0173	E771054	87.69	90.21	QTZT	non-mineralized	N-AML	0.15	<0.5	6	35	2.17	7	230	0.6	<2	1.03	<0.5		2	65		7	1.41	10		0.45	10		0.17	102	<1	0.06	15	400	
K-08-0173	E771055	90.21	92.48	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	23	1	<5	100	<0.5	<2	0.68	<0.5		2	43		6	0.89	<10		0.21	10		0.14	70	1	0.03	10	350	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0173	E771056	92.48	94.81	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	17	0.63	<5	60	<0.5	<2	0.48	<0.5		1	31		4	0.65	<10		0.12	10		0.08	61	<1	0.02	6	150	
K-08-0173	E771057	94.81	95.28	GSCH	non-mineralized	P-AML	<0.01	0.9	27	86	6.59	26	660	2.1	<2	0.36	<0.5		10	135		30	3.19	20		1.58	40		0.23	98	<1	0.3	45	700	
K-08-0173	E771058	95.28	98.27	GSCH	non-mineralized	P-AML	0.01	0.8	31	119	7.35	27	780	2.1	<2	1.26	0.6		12	125		27	4.12	20		1.91	40		0.67	167	<1	0.25	52	1030	
K-08-0173	E771060	98.27	101.29	GSCH	non-mineralized	P-AML	0.01	0.8	20	107	7.59	22	870	2.1	<2	1.18	0.5		10	127		26	3.85	20		2.13	40		0.71	167	1	0.23	47	770	
K-08-0173	E771061	101.29	104.3	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	59	2.77	8	300	0.7	<2	1.73	<0.5		4	71		43	1.75	10		0.56	10		0.34	153	<1	0.07	17	580	
K-08-0173	E771062	104.3	107.3	QTZT	mineralized	P-AML	<0.01	<0.5	<2	23	1.98	15	260	0.5	<2	1.12	<0.5		3	63		6	1.14	10		0.46	10		0.19	98	<1	0.07	11	350	
K-08-0173	E771063	107.3	110.27	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	16	1.87	14	210	0.8	<2	1.05	<0.5		4	75		9	1.1	10		0.43	10		0.09	66	<1	0.12	14	480	
K-08-0173	E771065	110.27	112.98	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	37	4.14	26	560	1.1	<2	1.24	<0.5		5	82		14	2	10		1.02	20		0.36	157	<1	0.14	21	530	
K-08-0173	E771067	113.07	116.08	QTZT	non-mineralized	N-AML	0.03	<0.5	4	43	3.24	40	510	0.8	<2	1.94	<0.5		4	85		12	1.52	10		0.86	10		0.26	158	<1	0.11	18	470	
K-08-0173	E771068	116.08	119.09	QTZT	non-mineralized	N-AML	0.05	<0.5	8	44	3.49	291	520	0.9	<2	2.76	<0.5		3	80		12	1.64	10		0.88	20		0.32	163	<1	0.11	17	530	
K-08-0173	E771070	119.09	122.1	QTZT	non-mineralized	N-AML	0.11	0.5	12	28	1.74	73	320	0.5	<2	1.21	<0.5		2	61		9	1.31	<10		0.47	10		0.26	327	1	0.06	14	350	
K-08-0173	E771071	122.1	125.1	QTZT	non-mineralized	N-AML	0.02	<0.5	7	22	1.46	70	200	<0.5	<2	0.8	<0.5		2	59		5	1.03	<10		0.35	10		0.18	139	<1	0.04	12	280	
K-08-0173	E771072	125.1	128.1	QTZT	non-mineralized	N-AML	0.02	<0.5	6	13	0.48	12	50	<0.5	<2	0.85	<0.5		2	48		4	0.72	<10		0.09	10		0.13	108	1	0.01	6	210	
K-08-0173	E771073	128.1	131.1	QTZT	non-mineralized	N-AML	0.02	<0.5	6	34	1.36	16	130	<0.5	<2	0.96	<0.5		3	52		8	1.28	<10		0.26	10		0.22	122	<1	0.04	12	370	
K-08-0173	E771075	131.1	133.85	QTZT	non-mineralized	N-AML	0.02	0.6	8	40	3.15	33	420	0.9	<2	0.81	<0.5		4	81		18	1.46	10		0.95	20		0.26	291	<1	0.1	18	520	
K-08-0173	E771076	133.85	135.4	QTZT	non-mineralized	P-AML	0.01	<0.5	5	35	2.16	17	280	0.6	<2	0.51	<0.5		3	63		8	1.12	<10		0.63	10		0.21	136	1	0.06	14	290	
K-08-0173	E771077	135.4	138.38	QTZT	non-mineralized	N-AML	0.07	<0.5	4	15	0.5	9	60	<0.5	<2	0.46	<0.5		1	58		3	0.43	<10		0.15	10		0.04	107	<1	0.01	12	90	
K-08-0173	E771078	138.38	141.43	QTZT	non-mineralized	N-AML	0.01	0.6	5	40	2.12	23	260	0.5	<2	1.31	<0.5		4	60		9	1.36	<10		0.54	10		0.17	167	<1	0.05	14	420	
K-08-0173	E771079	141.43	142.34	QTZT	non-mineralized	N-AML	0.04	<0.5	7	23	2.74	30	370	0.7	<2	0.79	<0.5		3	63		6	1.22	10		0.83	10		0.22	136	<1	0.07	16	330	
K-08-0173	E771080	142.34	143.32	QTZT	non-mineralized	N-AML	0.02	3.6	10	41	2.85	19	380	0.7	<2	1.34	<0.5		4	67		198	1.48	10		0.75	20		0.2	129	1	0.07	18	390	
K-08-0173	E771081	143.32	144.34	QTZT	mineralized	P-AML	<0.01	<0.5	<2	12	0.46	<5	60	<0.5	<2	1.11	<0.5		1	44		3	0.67	<10		0.14	10		0.15	136	<1	0.01	3	200	
K-08-0173	E771082	144.34	145.39	QTZT	non-mineralized	P-AML	0.01	<0.5	4	51	2.11	28	260	0.6	<2	0.55	<0.5		3	61		17	1.27	10		0.58	10		0.17	121	1	0.08	15	410	
K-08-0173	E771083	145.39	146.32	QTZT	non-mineralized	P-AML	0.05	<0.5	4	30	1.69	63	230	0.5	<2	0.41	<0.5		3	42		7	0.82	10		0.53	10		0.12	107	<1	0.07	8	190	
K-08-0173	E771085	146.32	147.32	QTZT	non-mineralized	P-AML	0.09	0.9	27	32	0.62	2110	120	<0.5	<2	0.54	<0.5		1	33		11	1.38	<10		0.21	10		0.14	276	1	0.02	4	120	
K-08-0173	E771086	147.32	148.77	QTZT	non-mineralized	P-AML	0.1	4	462	716	0.44	4870	100	<0.5	<2	0.59	7		<1	38		21	1.1	<10		0.16	10		0.05	234	1	0.01	4	80	
K-08-0173	E771087	148.77	149.09	QTZT	non-mineralized	P-AML	0.43	9.6	1590	1090	0.4	10000	90	<0.5	<2	1.02	10.2		<1	34		29	2.49	<10		0.14	10		0.09	489	1	0.01	5	70	
K-08-0173	E771089	149.09	150.09	QTZT	non-mineralized	N-AML	0.34	1	109	147	0.43	6610	100	<0.5	<2	1.1	1.5		<1	35		18	1.58	<10		0.15	10		0.14	544	2	0.01	4	110	
K-08-0173	E771090	150.09	151.1	QTZT	non-mineralized	N-AML	1.06	<0.5	29	16	0.69	3100	170	<0.5	<2	0.78	<0.5		<1	37		1	0.68	<10		0.24	10		0.07	267	1	0.02	4	100	
K-08-0173	E771091	151.1	152.1	QTZT	non-mineralized	P-AML	0.05	0.5	28	25	2.79	628	920	1	<2	0.48	<0.5		4	73		8	1.36	10		0.96	10		0.16	163	3	0.09	21	270	
K-08-0173	E771092	152.1	153.1	QTZT	non-mineralized	N-AML	0.08	2.8	453	597	2.7	1920	680	0.9	<2	0.9	5.3		5	60		13	2.19	10		0.92	10		0.32	389	2	0.08	23	260	
K-08-0173	E771093	153.1	154.13	QTZT	non-mineralized	P-AML	0.3	0.7	45	24	0.75	2560	240	<0.5	2	0.44	<0.5		1	38		5	0.98	<10		0.28	10		0.16	290	1	0.02	8	130	
K-08-0173	E771094	154.13	155.57	QTZT	non-mineralized	P-AML	0.04	0.5	17	26	0.67	1320	200	<0.5	2	0.38	<0.5		<1	35		5	0.81	<10		0.24	10		0.11	188	1	0.02	6	180	
K-08-0173	E771095	155.57	157.14	QTZT	non-mineralized	P-AML	0.09	1	70	124	1.2	2390	340	<0.5	2	0.43	1.2		2	41		9	1.29	<10		0.42	10		0.16	688	1	0.03	12	330	
K-08-0173	E771096	157.14	157.58	QTZT	non-mineralized	P-AML	0.02	1.3	124	794	0.45	1590	110	<0.5	2	0.13	12.7		2	32		29	2.55	<10		0.14	<10		0.1	8360	1	0.01	8	60	
K-08-0173	E771098	157.58	158.52	QTZT	non-mineralized	N-AML	0.01	0.8	93	88	0.41	583	90	<0.5	2	0.03	1.3		1	36		5	1.08	<10		0.14	<10		0.03	1780	1	0.01	10	60	
K-08-0173	E771099	158.52	158.94	QTZT	non-mineralized	N-AML	0.01	6	472	675	0.28	464	40	<0.5	3	0.17	8.5		1	18		3	7.19	10		0.1	<10		0.3	31800	1	0.01	6	80	
K-08-0173	E771100	158.94	159.9	QTZT	non-mineralized	P-AML	0.07	4.8	469	374	4.63	246	540	1	2	0.13	4.1		5	107		11	3.9	10		1.55	20		0.12	4310	1	0.15	28	500	
K-08-0173	E771101	159.9	161.22	QTZT	non-mineralized	P-AML	0.01	3	374	853	0.68	52	110	<0.5	<2	0.05	13.1		<1	38		4	1.63	<10		0.23	10		0.05	3910	2	0.02	7	150	
K-08-0173	E771102	161.22	161.8	QTZT	non-mineralized	P-AML	0.01	8.4	251	345	0.38	34	50	<0.5	<2	0.11	4.7		2	35		22	3.85	10		0.13	<10		0.17	16150	1	0.01	7	150	
K-08-0173	E771103	161.8	162.11	QTZT	non-mineralized	P-AML	0.02	32.1	920	2690	0.35	44	40	<0.5	<2	0.13	41.5		3	24		18	5.14	<10		0.12	<10		0.22	21400	2	0.01	10	160	
K-08-0173	E771105	162.11	163.68	QTZT	non-mineralized	P-AML	0.04	4.7	578	1235	1.31	896	210	<0.5	<2	0.15	17		3	49		5	2.32	<10		0.44	10		0.11	6180	1	0.04	13	340	
K-08-0173	E771106	163.68	163.95	QTZT	non-mineralized	P-AML	0.16	1.2	127	109	0.33	3340	60	<0.5	<2	0.11	1.5		4	29		2	3.43	<10		0.11	<10		0.16	11250	2	0.01	9	100	
K-08-0173	E771107	163.95	164.48	QTZT	non-mineralized	P-AML	0.09	0.7	97	98	0.33	2440	60	<0.5	2	0.11	1.5		2	29		1	4.85	<10		0.11	<10		0.18	18050	1	0.01	7	100	
K-08-0173	E771108	164.48	165.5	QTZT	non-mineralized	P-AML	0.03	1.1	140	232	0.75	1985	120	<0.5	<2	0.25	2.6		3	43		4	1.46	<10		0.26	10		0.12	2860	1	0.02	12	180	
K-08-0173	E771109	165.5	166.54	QTZT	non-mineralized	P-AML	<0.01	1.7	138	280	0.71	26	90	<0.5	<2	0.26	3.1		<1	44		5	1.09	<10		0.23	10		0.1	1230	1	0.02	8	180	
K-08-0173	E771111	166.54	167.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	53	80	0.29	<5	40	<0.5	<2	0.08	0.9		<1	39		4	0.42	<10		0.1	<10		0.03	484	1	0.01	4	100	
K-08-0173	E771112	167.5	168.55	QTZT	non-mineralized	N-AML	<0.01	0.5	68	190	0.34	9	50	<0.5	<2	0.11	2.3		<1	40		2	0.59	<10		0.12	<10		0.03	551	2	0.01	4	120	
K-08-0173	E771113	168.55	169.48	QTZT	non-mineralized	N-AML	0.03	0.7	74	193	0.34	10	50	<0.5	<2	0.15	2.6		<1	35		4	0.56	<10		0.12	<10		0.05	924	1	0.01	4	120	
K-08-0173	E771114	169.48	170.5	QTZT	non-mineralized	N-AML	0.02	<0.5	34	86	0.29	<5	50	<0.5	<2	0.03	1.2		<1	37		1	0.72	<10		0.1	<10		0.03	1495	2	0.01	4	110	
K-08-0173	E771115	170.5	171.55	QTZT	non-mineralized	N-AML	0.02	0.5	35	102	0.29	10	60	<0.5	<2	0.04	1.3		<1	47		2	0.69	<10		0.1	10		0.03	1375	1	0.01	5	130	
K-08-0173	E771116	171.55	172.55	QTZT	non-mineralized	P-AML	0.02	7	303	602	2.53	30	370	0.6	<2	0.11	6.9		3	69		27	1.71	10		0.87	10		0.14	2570	1	0.07	19	300	
K-08-0173	E771117	172.55	173.57	QTZT	non-mineralized	P-AML	0.02	4.7	172	533	1.81	23	230	<0.5	<2	0.32	5.7		2	73		37	1.54	<10		0.61	10		0.09	920	2	0.06	19	990	
K-08-0173	E771119	173.57	174.53	QTZT	non-mineralized	P-AML	0.02	0.5	28	63	0.82	11	100	<0.5	<2	0.28	0.8		<1	62		4	0.78	<10		0.24	10		0.06	106	1	0.02	8	290	
K-08-0173	E771120	174.53	175.57	QTZT	non-mineralized	P-AML	0.01	<0.5	25	56	0.64	<5	90	<0.5	<2	0.11	0.8		1	51		3	0.77	<10		0.2	10		0.04	362	2	0.02	7	180	
K-08-0173	E771121	175.57	176.6	QTZT	non-mineralized	N-AML	0.01	0.5	38	115	0.29	<5	50	<0.5	<2	0.08	1.2		<1	37		1	0.57	<10		0.12	<10		0.05	1485	<1	0.01	2	100	
K-08-0173	E771122	176.6	179.59	QTZT	non-mineralized	N-AML	<0.01	<0.5	50	114	0.28	<5	50	<0.5	<2	0.09	1.1		<1	48		1	0.46	<10		0.12	<10		0.03	497	<1	0.01	3	110	
K-08-0173	E771123	179.59	182.65	QTZT	non-mineralized	N-AML	0.01	<0.5	31	109	0.32	<5	60	<0.5	<2	0.06	0.9		<1	44		1	0.34	<10		0.14	<10		0.02	344	<1	0.01	2	130	
K-08-0173	E771124	182.65	185.66	QTZT	non-mineralized	N-AML	<0.01	<0.5	42	148	0.29	<5	50	<0.5	<2	0.05	1.4		<1	53		<1	0.45	<10		0.13	<10		0.02	526	<1	0.01	2	110	
K-08-0173	E771125	185.66	188.06	QTZT	non-mineralized	P-AML	<0.01	<0.5	76	233	0.58	25	90	<0.5	<2	0.12	2.2		<1	41		1	0.99	<10		0.23	10		0.05	2200	<1	0.01	6	200	
K-08-0173	E771127	188.06	190.73	QTZT	non-mineralized	N-AML	<0.01	<0.5	78	202	0.33	9	50	<0.5	<2	0.11	2.3		<1	40		<1	0.85	<10		0.14	<10		0.06	2180	<1	0.01	4	120	
K-08-0173	E771128	190.73	193.13	QTZT	non-mineralized	N-AML	<0.01	<0.5	24	92	4.82	24	720	1.1	<2	1.19	<0.5		2	96		8	2.23	10		1.31	20		0.35	560	<1	0.15	27	570	
K-08-0173	E771129	193.13	195.12	QTZT	non-mineralized	N-AML	<0.01	<0.5	17	79	3.9	18	560	0.8	<2	1.74	<0.5		4	77		11	2.33	10		1.08	20		0.51	232	<1	0.12	24	1490	
K-08-0173	E771131	195.12	197	QTZT	non-mineralized	N-AML	<0.01	<0.5	38	99	3.58	13	600	0.8	<2	1.99	<0.5		4	78		17	2.09	10		0.92	10		0.45	185	1	0.12	26	470	
K-08-0173	E771132	197	198.94	QTZT	non-mineralized	N-AML	<0.01	0.6	54	137	3.62	13	520	0.8	<2	1.64	1.1		3	87		31	2.28	10		1.09	20		0.41	350	1	0.11	23	2090	
K-08-0173	E771133	198.94	201.93	QTZT	non-mineralized	N-AML	<0.01	<0.5	15	49	0.81	<5	110	<0.5	<2	3.1	<0.5		<1	35		12	0.84	<10		0.2	10		0.23	185	<1	0.02	7	490	
K-08-0173	E771134	201.93	204.94	QTZT	non-mineralized	N-AML	0.07	<0.5	9	25	1.2	8	190	<0.5	<2	2	<0.5		1	57		3	0.88	<10		0.31	10		0.17	123	1	0.04	9	370	
K-08-0173	E771135	204.94	207.94	QTZT	non-mineralized	N-AML	<0.01	<0.5	15	54	4.93	16	750	1.3	<2	0.88	<0.5		4	101		14	1.99	10		1.27	20		0.3	131	<1	0.13	27	530	
K-08-0173	E771137	207.94	210.98	QTZT	non-mineralized	P-AML	<0.01	<0.5	21	50	0.72	15	100	<0.5	<2	0.35	<0.5		<1	53		1	0.61	<10		0.27	10		0.08	212	<1	0.02	4	210	
K-08-0173	E771138	210.98	213.92	QTZT	non-mineralized	P-AML	<0.01	0.6	98	352	2.37	9	390	0.7	<2	0.16	3.6		1	79		8	0.98	10		0.84	10		0.08	973	<1	0.07	11	380	
K-08-0173	E771139	213.92	215.49	QTZT	non-mineralized	N-AML	<0.01	<0.5	28	162	0.45	<5	70	<0.5	<2	0.06	1.4		<1	61		<1	0.55	<10		0.17	10		0.03	558	<1	0.01	7	140	
K-08-0174	E603455	6.1	8.98	QTZT	non-mineralized	N-AML	0.01	<0.5	5	11	0.56	14	70	<0.5	<2	0.02	<0.5		2	51		12	0.67	<10		0.14	10		0.02	84	<1	0.02	5	70	
K-08-0174	E603456	8.98	11.09	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	28	1.12	15	120	<0.5	<2	0.02	<0.5		3	42		10	0.99	<10		0.27	10		0.04	140	<1	0.04	10	190	
K-08-0174	E603457	11.09	12.78	QTZT	non-mineralized	N-AML	<0.01	<0.5	14	118	9.16	17	1030	2.4	<2	0.14	<0.5		13	124		25	4.31	20		2.44	30		0.39	224	<1	0.17	54	820	
K-08-0174	E603458	12.78	15.54	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	55	1.93	27	180	<0.5	<2	1.09	0.8		8	66		25	2.3	<10		0.24	10		0.53	416	<1	0.08	24	240	
K-08-0174	E603459	15.54	18.14	QTZT	non-mineralized	N-AML	0.07	<0.5	6	43	1.59	19	220	0.5	<2	0.63	0.8		3	49		7	1	<10		0.43	10		0.08	353	<1	0.07	11	240	
K-08-0174	E603460	18.14	21.15	QTZT	non-mineralized	N-AML	0.01	<0.5	2	32	0.64	50	80	<0.5	<2	0.03	0.5		3	45		8	1.22	<10		0.18	<10		0.03	185	1	0.02	10	150	
K-08-0174	E603461	21.15	23.77	QTZT	non-mineralized	N-AML	0.01	<0.5	18	76	4.23	50	380	1.1	<2	0.09	<0.5		7	79		17	2.67	10		0.97	20		0.16	194	<1	0.12	29	470	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0174	E603462	23.77	26.82	QTZT	non-mineralized	N-AML	0.01	<0.5	17	46	0.53	11	60	<0.5	<2	0.02	0.5		1	27		6	0.69	<10		0.16	<10		0.02	141	<1	0.02	6	110	
K-08-0174	E603463	26.82	29.82	QTZT	non-mineralized	N-AML	0.15	<0.5	78	91	0.44	41	110	<0.5	<2	0.01	0.7		1	39		2	0.63	<10		0.15	10		0.01	177	<1	0.01	4	60	
K-08-0174	E603464	29.82	32.75	QTZT	non-mineralized	N-AML	0.02	0.6	95	155	0.65	27	100	<0.5	<2	0.01	1.3		1	38		4	0.89	<10		0.23	10		0.01	562	<1	0.02	8	110	
K-08-0174	E603465	32.75	35.68	QTZT	non-mineralized	N-AML	0.02	<0.5	22	124	1.55	12	280	<0.5	<2	0.47	1.2		2	48		9	1.09	<10		0.5	10		0.05	214	1	0.05	12	300	
K-08-0174	E603466	35.68	38.68	QTZT	non-mineralized	N-AML	0.01	<0.5	17	97	1.98	39	420	0.5	2	0.21	0.9		3	47		8	1.13	<10		0.62	10		0.05	216	1	0.07	12	290	
K-08-0174	E603467	38.68	41.81	QTZT	non-mineralized	N-AML	0.03	0.9	114	171	0.62	98	110	<0.5	<2	0.02	2.1		3	33		4	0.83	<10		0.21	10		0.02	405	1	0.02	9	130	
K-08-0174	E603469	41.81	44.81	QTZT	non-mineralized	N-AML	0.03	1.1	152	105	0.32	69	60	<0.5	<2	0.01	1.4		<1	28		6	0.61	<10		0.11	<10		0.01	58	<1	0.01	1	50	
K-08-0174	E603470	44.81	47.73	QTZT	non-mineralized	N-AML	0.01	3.7	629	1145	0.3	39	50	<0.5	<2	0.01	20.2		1	35		4	0.69	<10		0.11	<10		0.01	1010	<1	0.01	2	80	
K-08-0174	E603471	47.73	50.73	QTZT	non-mineralized	N-AML	<0.01	0.7	28	143	2.38	20	410	0.6	<2	2.53	1.4		3	48		9	1.31	<10		0.82	10		0.08	322	<1	0.05	13	490	
K-08-0174	E603472	50.73	53.68	QTZT	non-mineralized	N-AML	<0.01	<0.5	10	58	2.7	14	480	0.6	<2	3.69	<0.5		4	51		10	1.7	<10		0.76	10		0.14	189	1	0.06	17	610	
K-08-0174	E603474	53.68	56.69	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	22	1.15	6	170	<0.5	<2	0.1	<0.5		2	41		4	0.87	<10		0.26	10		0.05	69	<1	0.03	8	280	
K-08-0174	E603475	56.69	59.7	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	37	2.01	11	270	0.6	<2	0.17	<0.5		2	56		10	1.26	<10		0.4	10		0.06	144	1	0.08	12	290	
K-08-0174	E603476	59.7	62.56	QTZT	non-mineralized	N-AML	0.01	<0.5	11	54	2.23	10	330	0.6	<2	0.19	0.6		3	57		7	1.09	<10		0.42	10		0.05	236	<1	0.11	14	370	
K-08-0174	E603478	62.56	65.51	QTZT	non-mineralized	N-AML	0.01	<0.5	4	16	0.63	5	100	<0.5	<2	1.89	<0.5		2	32		3	1.23	<10		0.12	<10		0.4	199	1	0.03	4	400	
K-08-0174	E603479	65.51	68.51	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	6	0.57	<5	80	<0.5	<2	0.32	<0.5		<1	33		2	0.48	<10		0.11	10		0.09	45	<1	0.03	1	120	
K-08-0174	E603480	68.51	70.93	QTZT	non-mineralized	N-AML	0.01	<0.5	8	17	1.19	10	160	<0.5	<2	1.99	<0.5		1	37		2	1.19	<10		0.26	10		0.62	174	<1	0.07	4	250	
K-08-0174	E603481	70.93	73.11	QTZT	mineralized	P-AML	0.01	<0.5	<2	13	0.56	6	60	<0.5	<2	0.23	<0.5		1	41		4	0.8	<10		0.09	10		0.07	71	1	0.02	5	110	
K-08-0174	E603482	73.11	76.09	GSCH	non-mineralized	N-AML	<0.01	<0.5	19	100	8.28	15	1080	2.3	<2	0.57	<0.5		11	108		16	4.02	20		1.57	30		0.48	196	<1	0.23	51	790	
K-08-0174	E603483	76.09	76.58	GSCH	non-mineralized	P-AML	0.02	<0.5	34	82	8.37	15	1100	2.8	2	0.58	<0.5		13	102		18	3.6	20		1.69	30		0.45	170	<1	0.35	50	720	
K-08-0174	E603484	76.58	78.15	GSCH	non-mineralized	N-AML	<0.01	<0.5	20	147	9.55	16	1120	2.4	<2	0.41	<0.5		17	118		25	5.26	20		1.71	30		0.61	250	<1	0.26	63	920	
K-08-0174	E603485	78.15	80.14	GSCH	non-mineralized	P-AML	0.01	<0.5	14	101	8.13	14	940	2.1	<2	0.59	<0.5		14	97		21	4.71	20		1.55	30		0.61	261	<1	0.25	48	830	
K-08-0174	E603486	80.14	83.13	QTZT	non-mineralized	N-AML	0.01	<0.5	3	17	1.42	8	210	<0.5	<2	0.14	<0.5		2	45		6	1.06	<10		0.35	10		0.08	75	1	0.05	9	270	
K-08-0174	E603488	83.13	85.4	QTZT	non-mineralized	N-AML	0.01	<0.5	12	22	0.61	<5	110	<0.5	<2	0.05	<0.5		1	39		3	0.44	<10		0.18	10		0.03	38	1	0.01	4	170	
K-08-0174	E603489	85.4	88.4	QTZT	non-mineralized	N-AML	0.01	<0.5	6	34	1.26	8	160	<0.5	<2	0.39	<0.5		2	44		20	1.1	<10		0.27	10		0.14	102	<1	0.02	11	260	
K-08-0174	E603490	88.4	91.4	QTZT	non-mineralized	N-AML	0.01	<0.5	2	26	1.29	9	210	0.5	<2	0.15	<0.5		1	48		15	0.75	<10		0.37	10		0.06	52	1	0.03	9	230	
K-08-0174	E603491	91.4	94.44	QTZT	mineralized	P-AML	<0.01	<0.5	<2	18	0.34	5	60	<0.5	<2	0.04	<0.5		1	38		3	0.45	<10		0.1	<10		0.02	35	1	0.01	3	180	
K-08-0174	E603493	94.44	97.27	QTZT	mineralized	P-AML	0.01	<0.5	<2	13	0.29	6	50	<0.5	2	0.14	<0.5		1	48		2	0.5	<10		0.08	<10		0.02	46	<1	0.01	3	160	
K-08-0174	E603514	141.52	142.03	SSCH	non-mineralized	N-AML	0.01	<0.5	6	99	6.84	<5	350	0.7	<2	6.72	<0.5		38	145		186	7.84	20		0.25	<10		2.5	1100	<1	0.01	71	720	
K-08-0174	E603494	97.27	100.2	QTZT	mineralized	P-AML	0.02	<0.5	<2	14	0.58	9	80	<0.5	<2	0.03	<0.5		1	42		2	0.51	<10		0.15	10		0.02	34	<1	0.02	3	250	
K-08-0174	E603495	100.2	103.24	QTZT	mineralized	P-AML	0.01	<0.5	<2	16	0.34	8	50	<0.5	<2	0.05	<0.5		1	36		2	0.44	<10		0.11	<10		0.02	48	<1	0.01	4	160	
K-08-0174	E603496	103.24	106.22	QTZT	non-mineralized	N-AML	0.01	<0.5	2	11	0.3	6	50	<0.5	<2	0.07	<0.5		1	38		1	0.26	<10		0.11	<10		0.01	38	<1	0.01	2	140	
K-08-0174	E603497	106.22	108.17	QTZT	mineralized	P-AML	0.01	<0.5	<2	10	0.3	9	50	<0.5	<2	0.27	<0.5		1	37		1	0.37	<10		0.09	10		0.03	50	<1	0.01	2	200	
K-08-0174	E603499	108.17	109.96	QTZT	mineralized	P-AML	<0.01	<0.5	<2	22	0.53	8	80	<0.5	<2	0.32	<0.5		1	38		3	0.53	<10		0.14	10		0.08	105	<1	0.01	6	210	
K-08-0174	E603500	109.96	111.75	GSCH	non-mineralized	N-AML	0.33	<0.5	5	55	4.68	14	690	1.5	<2	0.9	<0.5		5	74		18	2.14	10		1.18	20		0.34	155	1	0.17	25	460	
K-08-0174	E603501	111.75	113.52	GSCH	non-mineralized	N-AML	<0.01	<0.5	23	127	8.65	20	1060	2.4	<2	0.76	<0.5		15	113		26	5.04	20		1.68	30		0.65	243	<1	0.24	59	900	
K-08-0174	E603502	113.52	116.52	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	30	1.31	7	150	<0.5	<2	1.11	<0.5		4	53		24	1.3	<10		0.23	10		0.35	121	<1	0.07	10	380	
K-08-0174	E603503	116.52	119.61	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	23	1.6	<5	200	0.5	<2	0.11	<0.5		3	56		6	0.81	10		0.32	10		0.04	93	<1	0.1	10	210	
K-08-0174	E603504	119.61	122.56	QTZT	non-mineralized	N-AML	0.01	0.5	15	55	4.45	10	520	1.2	<2	2.57	<0.5		5	82		9	2.31	10		0.81	10		0.83	189	<1	0.23	21	600	
K-08-0174	E603505	122.56	125.6	GSCH	non-mineralized	N-AML	0.01	<0.5	27	121	8.4	11	1260	2.4	<2	0.76	<0.5		13	113		20	3.72	30		1.83	30		0.61	201	<1	0.27	51	780	
K-08-0174	E603506	125.6	128.45	QTZT	non-mineralized	N-AML	0.01	<0.5	2	12	0.74	<5	100	<0.5	<2	3.83	<0.5		2	36		2	1.37	<10		0.13	<10		1.32	209	<1	0.04	5	340	
K-08-0174	E603508	128.45	131.49	QTZT	non-mineralized	N-AML	<0.01	<0.5	12	27	1.12	7	130	<0.5	<2	1.56	<0.5		2	49		5	0.95	<10		0.21	10		0.53	128	<1	0.06	8	290	
K-08-0174	E603509	131.49	134.48	QTZT	non-mineralized	N-AML	0.01	<0.5	2	21	0.68	7	90	<0.5	<2	0.47	<0.5		2	42		2	0.59	<10		0.13	<10		0.09	66	<1	0.03	7	170	
K-08-0174	E603510	134.48	137.46	QTZT	non-mineralized	P-AML	<0.01	<0.5	7	23	1.84	5	200	0.5	<2	0.29	<0.5		3	60		3	1.1	<10		0.33	10		0.12	81	<1	0.1	13	260	
K-08-0174	E603511	137.46	139.35	QTZT	non-mineralized	P-AML	<0.01	<0.5	9	23	1.86	8	200	<0.5	<2	0.21	<0.5		3	54		6	1.1	10		0.33	10		0.12	75	<1	0.13	11	150	
K-08-0174	E603512	139.35	141.52	QTZT	non-mineralized	P-AML	0.01	<0.5	4	20	0.98	6	150	<0.5	<2	0.44	<0.5		2	49		20	1.28	10		0.19	10		0.18	93	<1	0.02	13	110	
K-08-0174	E603515	142.03	144.99	QTZT	non-mineralized	P-AML	<0.01	<0.5	6	71	6.46	10	1050	1.6	<2	0.44	<0.5		10	112		17	2.83	20		1.31	20		0.41	184	<1	0.19	36	550	
K-08-0174	E603516	144.99	147.95	QTZT	non-mineralized	P-AML	0.01	0.6	12	92	5.87	18	950	1.6	<2	0.74	<0.5		10	104		53	2.94	10		1.34	20		0.5	177	5	0.12	50	500	
K-08-0174	E603517	147.95	150.92	QTZT	non-mineralized	N-AML	<0.01	<0.5	2	28	1.71	9	320	0.5	<2	1.51	<0.5		3	51		10	1.34	<10		0.39	10		0.33	150	1	0.05	15	520	
K-08-0174	E603519	150.92	154.1	QTZT	mineralized	P-AML	0.02	<0.5	<2	54	0.94	7	170	<0.5	<2	2.07	<0.5		3	47		6	1.2	<10		0.19	<10		0.37	346	2	0.03	9	300	
K-08-0174	E603520	154.1	157.09	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	42	2.33	8	460	0.6	<2	1.35	<0.5		4	63		8	1.2	10		0.54	10		0.16	103	<1	0.07	16	500	
K-08-0174	E603521	157.09	160.07	QTZT	non-mineralized	N-AML	0.01	<0.5	4	49	2.46	39	490	0.7	6	1.7	<0.5		4	66		10	1.34	10		0.58	10		0.39	192	<1	0.09	16	460	
K-08-0174	E603522	160.07	162.95	QTZT	non-mineralized	N-AML	0.01	<0.5	8	52	3.27	20	580	0.9	<2	1.39	<0.5		6	71		11	1.69	10		0.7	10		0.24	132	<1	0.1	19	480	
K-08-0174	E603523	162.95	165.96	QTZT	mineralized	P-AML	0.01	<0.5	<2	43	2.5	30	450	0.7	<2	1.05	<0.5		4	64		7	1.4	10		0.54	10		0.19	114	<1	0.07	17	420	
K-08-0174	E603524	165.96	168.96	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	50	3.91	23	630	1.2	<2	0.99	<0.5		7	85		14	2.68	10		0.77	20		0.33	176	<1	0.11	31	560	
K-08-0174	E603525	168.96	171.82	QTZT	mineralized	P-AML	<0.01	<0.5	<2	22	0.84	22	170	<0.5	<2	1.44	<0.5		2	59		3	0.69	<10		0.18	<10		0.1	102	<1	0.03	6	360	
K-08-0174	E603526	171.82	174.8	QTZT	mineralized	P-AML	0.01	<0.5	<2	38	2.25	19	410	0.6	<2	2.49	<0.5		3	66		6	0.9	<10		0.55	10		0.11	121	<1	0.08	14	390	
K-08-0174	E603527	174.8	177.83	QTZT	non-mineralized	P-AML	0.01	<0.5	3	51	2.76	18	420	0.7	<2	0.56	<0.5		4	76		8	1.44	<10		0.6	10		0.15	140	<1	0.08	19	330	
K-08-0174	E603528	177.83	180.93	QTZT	mineralized	P-AML	<0.01	<0.5	<2	23	0.5	9	80	<0.5	<2	2.88	<0.5		1	35		2	0.76	<10		0.11	<10		0.39	179	<1	0.01	6	110	
K-08-0174	E603530	180.93	183.54	GSCH	non-mineralized	P-AML	0.01	0.7	34	105	8.07	28	960	2.1	<2	0.89	<0.5		11	135		24	3.45	20		1.72	20		0.47	177	<1	0.25	44	860	
K-08-0174	E603531	183.54	185.95	GSCH	non-mineralized	N-AML	<0.01	0.6	14	93	6.98	23	970	2	<2	0.79	<0.5		10	116		23	3.19	20		1.43	20		0.51	164	<1	0.19	41	670	
K-08-0174	E603532	185.95	188.89	QTZT	non-mineralized	N-AML	<0.01	0.5	6	49	3.03	20	470	0.8	<2	0.94	<0.5		5	76		17	2.01	10		0.63	10		0.34	125	1	0.07	26	220	
K-08-0174	E603534	188.89	191.88	QTZT	non-mineralized	N-AML	0.01	0.6	15	74	5.54	20	940	1.6	<2	0.78	<0.5		9	102		27	2.48	10		1.3	20		0.36	160	1	0.12	35	660	
K-08-0174	E603535	191.88	194.93	QTZT	non-mineralized	P-AML	<0.01	<0.5	12	83	5.9	23	950	1.7	<2	0.51	<0.5		7	111		29	2.65	10		1.34	20		0.37	163	1	0.13	38	470	
K-08-0174	E603536	194.93	197.99	QTZT	non-mineralized	P-AML	<0.01	0.5	14	43	4.25	20	730	1.3	<2	0.2	<0.5		6	90		14	1.74	10		1.07	10		0.15	76	<1	0.12	24	320	
K-08-0174	E603538	197.99	200.83	QTZT	mineralized	P-AML	<0.01	<0.5	<2	33	1.2	13	150	<0.5	<2	0.16	<0.5		2	59		5	0.83	<10		0.24	10		0.09	65	<1	0.03	7	90	
K-08-0174	E603539	200.83	203.83	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	63	0.44	13	90	<0.5	<2	0.3	<0.5		1	46		2	0.46	<10		0.15	<10		0.08	165	<1	0.01	5	80	
K-08-0174	E603540	203.83	206.83	QTZT	mineralized	P-AML	0.02	<0.5	<2	10	0.38	13	90	<0.5	<2	0.25	<0.5		1	37		1	0.51	<10		0.13	<10		0.06	168	<1	0.01	2	70	
K-08-0174	E603541	206.83	209.74	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	16	0.54	<5	100	<0.5	<2	0.28	<0.5		<1	39		1	0.77	<10		0.18	<10		0.09	162	<1	0.01	5	70	
K-08-0174	E603542	209.74	212.65	GSCH	non-mineralized	P-AML	0.01	<0.5	13	70	6.12	15	1040	1.9	<2	0.33	<0.5		5	113		15	1.91	10		1.74	20		0.2	198	1	0.17	35	370	
K-08-0174	E603543	212.65	215.48	QTZT	non-mineralized	P-AML	0.02	<0.5	12	73	2.55	14	440	0.7	<2	0.57	<0.5		3	74		25	1.68	10		0.65	10		0.26	189	6	0.06	33	380	
K-08-0174	E603544	215.48	218.51	QTZT	non-mineralized	N-AML	0.01	<0.5	4	36	0.67	<5	110	<0.5	<2	0.28	<0.5		<1	38		<1	0.76	<10		0.18	<10		0.14	146	1	0.01	7	70	
K-08-0174	E603545	218.51	221.51	QTZT	non-mineralized	P-AML	<0.01	<0.5	6	40	0.71	<5	150	<0.5	<2	0.67	<0.5		<1	41		3	0.93	<10		0.21	<10		0.11	169	<1	0.02	8	300	
K-08-0174	E603546	221.51	224.5	QTZT	non-mineralized	N-AML	0.01	<0.5	6	54	1.43	<5	300	<0.5	<2	4	<0.5		1	45		2	1.27	10		0.37	10		0.18	276	<1	0.04	11	600	
K-08-0174	E603547	224.5	227.52	QTZT	non-mineralized	N-AML	0.01	<0.5	11	22	0.85	<5	170	<0.5	<2	1.68	<0.5		<1	43		4	1.01	<10		0.2	10		0.15	99	1	0.02	10	510	
K-08-0174	E603548	227.52	230.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	15	46	2.21	6	520	0.6	<2	1.51	<0.5		2	52		5	1.35	<10		0.59	10		0.19	120	<1	0.06	18	450	
K-08-0174	E603549	230.5	233.51	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	11	0.99	5	170	<0.5	<2	0.38	<0.5		<1	40		1	0.76	10		0.28	10		0.06	65	<1	0.03	5	190	
K-08-0174	E603550	233.51	236.49	QTZT	non-mineralized	N-AML	0.01	<0.5	7	15	0.66	<5	100	<0.5	<2	1.92	<0.5		<1	31		<1	1.16	<10		0.18	10		0.63	202	<1	0.02	3	180	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-08-0174	E603551	236.49	239.45	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	18	1.03	5	180	<0.5	<2	0.19	<0.5		<1	44		3	0.73	<10		0.31	10		0.05	59	<1	0.03	8	200	
K-08-0174	E603552	239.45	243.23	QTZT	non-mineralized	N-AML	0.01	<0.5	10	82	2.57	13	410	0.7	<2	1.07	<0.5		3	65		6	1.36	10		0.74	20		0.16	136	1	0.11	19	680	
K-08-0174	E603554	243.23	244.86	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	19	0.9	6	130	<0.5	<2	0.3	<0.5		<1	48		2	0.95	<10		0.26	10		0.09	112	1	0.02	7	230	
K-08-0174	E603555	244.86	246.18	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	13	0.61	<5	90	<0.5	<2	0.23	<0.5		<1	33		<1	0.76	<10		0.17	10		0.06	86	<1	0.01	6	190	
K-08-0174	E603556	246.18	249.18	QTZT	non-mineralized	N-AML	<0.01	<0.5	8	14	0.7	<5	110	<0.5	<2	0.34	<0.5		<1	36		2	0.93	<10		0.21	10		0.06	102	<1	0.02	7	190	
K-08-0174	E603558	249.18	252.21	QTZT	non-mineralized	P-AML	0.05	<0.5	10	34	1.6	7	230	<0.5	<2	0.52	<0.5		1	53		4	1.16	<10		0.47	10		0.1	129	<1	0.05	13	440	
K-08-0174	E603560	252.21	255.24	QTZT	non-mineralized	N-AML	0.01	<0.5	24	29	0.6	<5	100	<0.5	<2	1.55	<0.5		<1	36		3	1.22	<10		0.19	<10		0.51	203	<1	0.02	5	210	
K-08-0174	E603561	255.24	258.26	QTZT	non-mineralized	N-AML	<0.01	<0.5	19	47	0.3	<5	60	<0.5	<2	0.06	<0.5		<1	28		1	0.48	<10		0.13	<10		0.03	118	<1	0.01	1	80	
K-08-0174	E603562	258.26	259.21	QTZT	non-mineralized	N-AML	<0.01	<0.5	20	78	0.35	<5	60	<0.5	<2	0.03	0.7		<1	29		<1	0.49	<10		0.15	10		0.01	91	<1	0.01	2	90	
K-08-0174	E603563	259.21	260.26	QTZT	non-mineralized	N-AML	<0.01	<0.5	24	70	0.28	<5	60	<0.5	<2	0.03	0.5		<1	30		<1	0.51	<10		0.12	<10		0.01	159	1	0.01	<1	80	
K-08-0174	E603564	260.26	260.93	QTZT	non-mineralized	N-AML	0.09	<0.5	505	857	0.34	<5	70	<0.5	<2	0.91	9.3		<1	28		<1	2.12	<10		0.15	<10		0.41	6430	<1	0.01	3	100	
K-08-0174	E603566	260.93	261.88	QTZT	non-mineralized	N-AML	0.01	<0.5	215	586	0.6	15	90	<0.5	<2	2.32	6.4		<1	27		3	1.54	<10		0.22	<10		0.87	1625	1	0.01	4	160	
K-08-0174	E603568	261.88	263.15	QTZT	non-mineralized	N-AML	<0.01	<0.5	45	105	0.63	<5	110	<0.5	<2	1.95	0.6		1	28		14	1.64	<10		0.23	<10		0.7	557	1	0.02	6	170	
K-08-0174	E603569	263.15	263.6	QTZT	non-mineralized	N-AML	<0.01	<0.5	29	17	0.38	133	90	<0.5	<2	0.18	<0.5		<1	22		1	0.7	<10		0.17	10		0.06	359	<1	0.01	4	150	
K-08-0174	E603570	263.6	264.57	QTZT	non-mineralized	N-AML	0.01	<0.5	23	35	0.55	159	120	<0.5	<2	0.13	<0.5		<1	30		1	0.75	<10		0.22	10		0.05	143	<1	0.01	5	180	
K-08-0174	E603571	264.57	267.5	QTZT	non-mineralized	N-AML	<0.01	<0.5	53	92	0.36	30	70	<0.5	<2	0.17	0.9		<1	37		3	1.42	<10		0.16	<10		0.05	778	1	0.01	4	200	
K-08-0174	E603572	267.5	268.44	QTZT	non-mineralized	N-AML	<0.01	<0.5	38	174	0.43	10	70	<0.5	<2	0.19	1.8		<1	40		1	0.76	<10		0.18	10		0.05	234	<1	0.01	7	240	
K-08-0174	E603574	268.44	270.44	QTZT	non-mineralized	N-AML	<0.01	<0.5	28	67	0.51	<5	80	<0.5	<2	0.35	0.6		<1	31		4	0.72	<10		0.2	10		0.09	308	<1	0.01	6	190	
K-08-0174	E603575	270.44	272.41	QTZT	non-mineralized	N-AML	<0.01	<0.5	20	52	0.65	6	110	<0.5	<2	1.63	<0.5		<1	27		15	1.14	<10		0.23	<10		0.57	353	<1	0.02	5	170	
K-09-0203	E756261	27.62	29.06	SSCH	non-mineralized		0.05	5.8	150	683	6.76	225	550		<5	0.53	8		51	277		123	6.98			0.96	<10		1.9	2355	<1	0.45	94	693	
K-09-0203	E756262	193	194	QTZT	non-mineralized	N-AML	<0.03	1	70	71	7.01	5	1270		<5	0.52	2		17	326		34	2.23			1.49	<10		0.29	120	2	0.48	44	441	
K-09-0203	E756263	194	194.95	QTZT	non-mineralized	N-AML	0.05	0.2	25	30	1.75	<5	180		<5	0.53	<1		6	272		10	1.37			0.22	<10		0.25	129	5	0.06	16	162	
K-09-0203	E756264	194.95	196.6	QTZT	non-mineralized	N-AML	<0.03	0.6	50	72	4.18	5	760		<5	0.61	2		15	324		23	2.16			0.99	<10		0.34	166	3	0.23	36	450	
K-09-0203	E756265	196.6	199	QTZT	non-mineralized	N-AML	<0.03	0.6	38	68	4.17	5	700		<5	0.83	2		13	302		16	2.09			0.81	<10		0.4	152	2	0.2	32	387	
K-09-0203	E756266	199	201.17	QTZT	non-mineralized	N-AML	<0.03	0.6	34	49	3.2	5	450		<5	0.73	2		12	317		17	2.27			0.57	10		0.34	157	3	0.14	31	378	
K-09-0203	E756268	201.17	203	QTZT	non-mineralized	N-AML	<0.03	0.2	23	41	2.39	<5	330		<5	0.7	1		8	250		11	1.73			0.43	<10		0.32	139	1	0.1	19	225	
K-09-0203	E756269	203	204	QTZT	non-mineralized	N-AML	<0.03	0.2	64	85	4.68	<5	400		<5	0.63	2		16	314		27	2.54			1.2	10		0.41	172	2	0.26	42	423	
K-09-0203	E756270	204	205	QTZT	non-mineralized	N-AML	0.04	0.4	31	60	2.9	<5	485		<5	0.45	1		9	329		15	1.41			0.71	<10		0.27	177	2	0.1	22	261	
K-09-0203	E756271	205	206	QTZT	non-mineralized	N-AML	0.04	1.2	51	93	3.24	5	635		<5	0.4	2		10	318		18	1.57			1.1	<10		0.26	742	2	0.14	24	297	
K-09-0203	E756273	206	206.7	QTZT	mineralized	P-AML	0.13	3560	91000	3977	1.72	5	175		<5	0.26	102		14	230		1568	10			0.47	20		0.62	10000	<1	0.06	21	207	
K-09-0203	E756274	206.7	207	QTZT	mineralized	P-AML	0.06	39.1	1088	8911	8.32	15	70		<5	0.35	137		30	239		58	5.06			2.74	20		0.32	3192	3	0.45	71	1134	
K-09-0203	E756275	207	207.5	QTZT	mineralized	P-AML	0.62	4340	152000	2378	1.73	<5	140		<5	0.47	132		11	237		4937	7.94			0.47	10		0.37	10000	<1	0.05	18	252	
K-09-0203	E756277	207.5	208.15	QTZT	non-mineralized	N-AML	0.07	166	2710	790	5.5	10	310		<5	0.39	15		18	277		200	4.4			1.85	20		0.29	10000	1	0.3	34	549	
K-09-0203	E756278	208.15	208.93	QTZT	non-mineralized	N-AML	0.06	99.9	3686	2243	5.77	10	165		<5	0.43	34		17	337		116	3.89			1.98	20		0.31	7549	2	0.33	36	783	
K-09-0203	E756279	208.93	210.31	QTZT	non-mineralized	N-AML	<0.03	11.9	922	1310	7.92	25	75		<5	0.46	18		23	273		23	5.17			2.66	20		0.24	7978	2	0.45	54	1657	
K-09-0203	E756280	210.31	211.84	QTZT	non-mineralized	N-AML	0.05	4	310	306	2.19	30	265		<5	0.43	6		9	305		8	3.37			0.71	<10		0.19	8298	3	0.1	20	432	
K-09-0203	E756281	211.84	213.36	QTZT	non-mineralized	N-AML	0.05	3.6	466	823	1.64	35	135		<5	0.2	11		7	293		7	2.69			0.73	<10		0.13	5038	<1	0.13	18	420	
K-09-0203	E756282	213.36	214.88	QTZT	non-mineralized	N-AML	0.03	1.4	128	173	0.86	80	170		<5	0.34	3		5	329		5	3.05			0.39	<10		0.24	7675	<1	0.05	15	270	
K-09-0203	E756283	214.88	215.64	QTZT	non-mineralized	N-AML	<0.03	4.4	158	518	9.39	60	2280		<5	0.72	8		25	344		15	2.56			4.02	30		0.34	3031	2	0.65	63	1600	
K-09-0203	E756285	215.64	216.41	QTZT	non-mineralized	N-AML	<0.03	4.6	150	250	6.29	40	750		<5	2.34	5		20	340		20	3.27			3.29	40		0.56	2132	2	0.57	52	1120	
K-09-0203	E756286	216.41	217.02	QTZT	non-mineralized	N-AML	0.03	1.4	60	158	4.26	15	955		<5	3.73	3		11	327		11	1.91			1.92	20		0.59	801	1	0.28	27	750	
K-09-0203	E756287	217.02	217.93	QTZT	non-mineralized	N-AML	<0.03	1	34	63	1.25	10	210		<5	2.56	1		5	318		7	1.57			0.53	<10		0.4	323	<1	0.06	16	350	
K-09-0203	E756288	217.93	219.46	QTZT	non-mineralized	N-AML	<0.03	0.4	26	111	2.16	15	395		<5	1.6	2		8	346		13	1.54			0.92	10		0.29	184	3	0.11	24	470	
K-09-0203	E756289	219.46	221.89	QTZT	non-mineralized	N-AML	<0.03	0.6	150	405	1.04	<5	205		<5	3.25	6		4	274		4	1.53			0.46	<10		0.81	1550	<1	0.05	10	240	
K-09-0203	E756290	221.89	222.39	QTZT	non-mineralized	N-AML	<0.03	6	1096	2401	2.08	10	275		<5	1.46	32		8	331		10	2.19			0.9	10		0.29	4691	<1	0.13	22	490	
K-09-0203	E756291	222.39	224.03	QTZT	non-mineralized	N-AML	<0.03	2.6	86	161	2.21	10	455		<5	3.69	2		7	253		12	1.32			0.93	10		0.24	564	1	0.11	19	490	
K-09-0203	E756293	224.03	225.55	QTZT	non-mineralized	N-AML	0.04	0.6	24	78	3.09	10	355		<5	1.85	2		9	292		17	1.67			1.35	20		0.19	195	2	0.25	24	620	
K-09-0203	E756294	225.55	227.08	QTZT	non-mineralized	N-AML	<0.03	0.4	14	31	1.48	5	280		<5	2.53	<1		5	238		7	1.23			0.44	10		0.19	140	1	0.09	14	630	
K-09-0203	E756295	227.08	228.6	QTZT	non-mineralized	N-AML	<0.03	0.2	18	40	2.46	5	515		<5	1.62	<1		8	255		8	1.42			0.84	10		0.24	123	1	0.16	19	570	
K-09-0203	E756296	228.6	229.82	QTZT	non-mineralized	N-AML	<0.03	0.8	24	51	2.45	15	475		<5	0.49	1		13	374		14	1.6			1.46	20		0.2	293	1	0.23	33	650	
K-09-0203	E756298	229.82	232.56	QTZT	non-mineralized	N-AML	<0.03	0.6	32	182	3.11	15	625		<5	1.08	3		11	316		14	1.72			1.55	20		0.27	713	1	0.3	28	630	
K-09-0203	E756299	260.35	262	QTZT	non-mineralized	N-AML	<0.03	<0.2	6	11	0.83	<5	130		<5	0.74	<1		5	222		29	0.88			0.24	<10		0.08	87	<1	0.08	10	230	
K-09-0203	E756300	262	264.1	QTZT	non-mineralized	N-AML	<0.03	<0.2	6	13	1.31	<5	310		<5	0.77	<1		5	157		11	0.79			0.4	<10		0.12	87	<1	0.11	9	370	
K-09-0203	E756301	264.1	265	GNST	non-mineralized		<0.03	<0.2	35	113	10	15	885		<5	6.35	4		88	113		252	10			0.67	<10		2.92	1904	<1	0.52	93	1000	
K-09-0203	E756302	265	266.2	GNST	non-mineralized		<0.03	<0.2	38	136	10	5	50		<5	6.11	4		104	135		254	10			0.28	<10		3.99	2056	<1	0.92	109	1100	
K-09-0204	E756303	222	223	QTZT	non-mineralized	N-AML	<0.03	17.6	653	2601	3.12	15	465		<5	0.31	36		15	412		14	4.07			1.45	10		0.21	10000	<1	0.24	41	770	
K-09-0204	E756304	223	224.03	QTZT	non-mineralized	N-AML	<0.03	3	296	678	0.5	10	75		<5	0.07	8		6	334		3	1.7			0.15	<10		0.06	3414	<1	0.03	13	90	
K-09-0204	E756305	224.03	225	QTZT	mineralized	P-AML	<0.03	27.8	2874	6651	0.34	20	440		15	0.22	80		6	291		6	10			0.12	<10		0.58	10000	<1	0.07	12	110	
K-09-0204	E756306	225	225.55	QTZT	non-mineralized	N-AML	<0.03	18.4	1802	4442	0.47	15	235		15	0.31	55		7	334		3	10			0.18	<10		0.51	10000	<1	0.07	15	150	
K-09-0204	E756308	225.55	226.4	QTZT	non-mineralized	N-AML	<0.03	6.2	285	312	0.64	10	140		<5	0.11	4		4	360		3	2.47			0.24	<10		0.1	8840	<1	0.04	13	150	
K-09-0204	E756309	226.4	227.25	QTZT	non-mineralized	N-AML	<0.03	8	368	848	0.84	5	135		<5	0.32	11		6	389		5	3.21			0.3	<10		0.18	9810	<1	0.05	16	150	
K-09-0204	E756310	227.25	227.65	VM	mineralized		0.91	6157	553000	32700	0.08	5	10		10	0.06	540		7	58		7983	3.05			0.03	<10		0.17	10000	<1	0.04	8	35	
K-09-0204	E756312	227.65	228.15	VM	mineralized		2.17	7593	30900	230000	0.13	5	20		25	0.14	2678		26	140		25200	10.98			0.05	<10		0.71	10000	<1	0.06	28	55	
K-09-0204	E756313	228.15	228.6	VM	mineralized		0.68	6896	386000	57700	0.19	5	25		15	0.1	856		6	158		5369	7.64			0.06	<10		0.33	10000	<1	0.06	8	28	
K-09-0204	E756314	231.65	232.4	QTZT	mineralized	P-AML	0.11	356	5126	5260	0.84	440	200		<5	0.81	62		5	426		170	2.24			0.31	<10		0.28	4909	<1	0.04	18	229	
K-09-0204	E756315	232.4	233.17	QTZT	non-mineralized	N-AML	0.1	48	1204	207	1.1	285	215		5	1.35	3		5	378		21	2.19			0.4	<10		0.42	905	<1	0.04	18	318	
K-09-0204	E756316	233.17	234	QTZT	non-mineralized	N-AML	<0.03	45.8	535	205	0.7	60	160		<5	1.23	3		4	375		19	1.21			0.25	<10		0.25	791	<1	0.03	13	242	
K-09-0204	E756317	234	235	QTZT	non-mineralized	N-AML	<0.03	6.3	128	70	1.74	10	355		<5	1.42	1		6	349		6	1.09			0.57	10		0.18	192	<1	0.09	16	436	
K-09-0204	E756319	235	236	QTZT	non-mineralized	N-AML	<0.03	4.6	54	88	0.3	<5	55		<5	0.1	<1		2	298		3	1.19			0.11	<10		0.1	3959	<1	0.02	7	100	
K-09-0204	E756320	236	237	QTZT	non-mineralized	N-AML	<0.03	6.6	222	1008	2.24	10	455		<5	0.43	10		9	365		12	1.09			1	10		0.21	752	<1	0.15	22	460	
K-09-0204	E756321	237	238	QTZT	non-mineralized	N-AML	<0.03	2.4	51	91	1.51	10	420		<5	0.13	<1		7	397		5	0.67			0.76	10		0.07	84	<1	0.12	17	340	
K-09-0204	E756322	238	239	QTZT	non-mineralized	N-AML	<0.03	2.6	109	169	0.34	15	60		<5	0.24	2		2	259		2	0.56			0.13	<10		0.08	334	<1	0.02	8	120	
K-09-0204	E756323	239	239.9	QTZT	non-mineralized	N-AML	<0.03	0.8	19	41	0.32	<5	65		<5	0.05	<1		2	165		<1	0.34			0.13	<10		0.02	93	<1	0.01	7	110	
K-09-0204	E756324	239.9	240.789	QTZT	non-mineralized	N-AML	<0.03	0.6	19	46	0.32	<5	60		<5	0.03	<1		2	151		<1	0.26			0.13	<10		0.01	63	<1	0.02	6	100	
K-09-0205	E780461	182.88	184.23	QTZT	non-mineralized	N-AML	<0.03	0.6	48	49	1.7	<5	120		<5	1.35	1		6	185		17	1.75			0.16	<10		0.5	228	<1	0.04	17	207	
K-09-0205	E780462	184.23	185.81	QTZT	non-mineralized	N-AML	<0.03	1	90	95	8.82	5	1400		<5	0.76	3		21	306		30	3.16			1.32	<10		0.58	204	3	0.47	56	837	
K-09-0205	E780463	185.81	187.45	QTZT	non-mineralized	N-AML	0.03	1	75	111	8.69	5	560		<5	0.98	4		22	269		57	4.8			1.81	<10		0.76	329	3	0.48	63	1179	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-09-0205	E780465	187.45	189.4	QTZT	non-mineralized	N-AML	0.05	0.8	42	32	3.23	<5	495		<5	0.51	1		10	305		14	1.83			0.74	<10		0.26	142	4	0.15	23	342	
K-09-0205	E780466	189.4	191.49	QTZT	non-mineralized	N-AML	0.03	0.6	44	57	4.75	5	525		<5	0.84	2		15	273		20	2.4			1.15	<10		0.42	154	2	0.26	36	927	
K-09-0205	E780467	191.49	193.55	QTZT	non-mineralized	N-AML	0.03	0.4	40	73	3.78	<5	650		<5	0.58	2		11	313		21	1.79			0.97	<10		0.31	123	2	0.18	28	396	
K-09-0205	E780468	193.55	195.43	QTZT	non-mineralized	N-AML	<0.03	0.8	44	102	5.24	5	630		<5	1.72	3		15	305		24	1.78			1.23	10		0.31	109	3	0.3	37	693	
K-09-0205	E780469	195.43	198.03	QTZT	non-mineralized	N-AML	<0.03	0.8	40	65	4.22	5	335		<5	1.51	2		13	259		18	1.56			0.99	10		0.28	87	2	0.23	33	594	
K-09-0205	E780470	198.03	199.64	QTZT	non-mineralized	N-AML	<0.03	0.6	38	56	3.38	5	105		<5	2.04	2		10	259		12	1.86			0.8	10		0.37	97	2	0.14	30	1305	
K-09-0205	E780471	199.64	201.17	QTZT	non-mineralized	N-AML	0.03	1.4	335	530	1.46	<5	200		<5	0.81	9		6	238		6	0.69			0.36	<10		0.15	149	1	0.05	13	189	
K-09-0205	E780472	201.17	202.87	QTZT	non-mineralized	N-AML	0.03	3.2	387	1201	0.47	<5	75		<5	6.76	22		3	120		4	2.4			0.13	<10		2.54	2652	<1	0.03	5	153	
K-09-0205	E780473	202.87	204.26	QTZT	non-mineralized	N-AML	0.07	1.8	139	279	4.71	15	200		<5	0.52	6		16	296		9	1.63			1.8	20		0.21	558	2	0.28	37	639	
K-09-0205	E780474	204.26	206.13	QTZT	non-mineralized	N-AML	0.06	2.4	260	577	0.61	10	115		<5	1.44	11		3	182		4	1.31			0.18	<10		0.53	1223	<1	0.03	7	135	
K-09-0205	E780475	206.13	207.45	QTZT	non-mineralized	N-AML	0.08	10.2	251	1193	2.13	50	255		<5	0.28	19		10	306		17	1.48			0.8	<10		0.12	725	2	0.12	26	360	
K-09-0205	E780476	207.45	209.07	QTZT	non-mineralized	N-AML	0.1	8.8	173	895	0.58	115	115		<5	0.08	14		3	279		21	1.99			0.15	<10		0.07	2138	<1	0.03	7	117	
K-09-0205	E780478	209.07	209.91	QTZT	mineralized	P-AML	0.19	8.4	1020	9511	4.93	115	45		<5	0.28	192		12	284		31	4			1.66	10		0.21	3940	2	0.31	31	1026	
K-09-0205	E780480	209.91	210.63	QTZT	non-mineralized	N-AML	0.03	2.2	366	990	0.53	35	125		<5	0.05	17		3	270		5	1.11			0.16	<10		0.03	1287	<1	0.03	7	108	
K-09-0205	E780481	210.63	211.71	QTZT	non-mineralized	N-AML	0.03	2.2	221	424	0.56	25	120		<5	0.04	7		3	229		4	1.05			0.17	<10		0.03	1762	<1	0.02	6	117	
K-09-0205	E780482	211.71	213.06	QTZT	non-mineralized	N-AML	0.03	5.6	405	1216	1.52	5	190		<5	0.3	20		6	306		16	2.73			0.43	<10		0.18	4853	1	0.06	17	189	
K-09-0205	E780483	213.06	214.47	QTZT	mineralized	P-AML	0.12	972	43000	14200	0.44	<5	80		<5	0.77	283		4	288		814	2.63			0.13	<10		0.27	7101	<1	0.02	8	63	
K-09-0205	E780485	214.47	215.5	QTZT	non-mineralized	N-AML	0.03	45.6	559	798	0.41	10	65		<5	0.34	13		6	288		38	5.25			0.12	<10		0.21	10000	<1	0.03	8	45	
K-09-0205	E780486	215.5	216.35	QTZT	mineralized	P-AML	0.03	399	4274	9276	0.55	<5	90		<5	0.16	180		5	309		54	3.64			0.16	<10		0.16	10000	<1	0.03	8	54	
K-09-0205	E780487	216.35	216.89	QTZT	non-mineralized	N-AML	0.1	397	1414	1131	0.3	5	25		<5	0.54	22		14	132		57	10			0.09	20		0.87	10000	<1	0.04	14	18	
K-09-0205	E780488	216.89	218.15	QTZT	mineralized	P-AML	0.04	218	8799	5379	4.19	5	145		<5	1.24	92		16	220		351	3.73			1.28	20		0.66	8064	1	0.16	34	576	
K-09-0205	E780490	218.15	220.37	QTZT	non-mineralized	N-AML	0.03	2.6	137	300	3.71	<5	630		<5	0.14	5		12	331		15	1.14			1.46	20		0.15	1153	1	0.42	29	693	
K-09-0205	E780491	220.37	221.29	QTZT	non-mineralized	N-AML	<0.03	1.6	508	1038	0.61	<5	95		<5	0.48	15		4	260		3	1.12			0.2	<10		0.12	3785	<1	0.03	6	171	
K-09-0205	E780492	221.29	222.5	QTZT	non-mineralized	N-AML	<0.03	1.2	196	217	0.65	<5	110		<5	0.1	4		3	263		3	1.96			0.19	<10		0.08	5904	<1	0.03	5	180	
K-09-0205	E780493	222.5	223.5	QTZT	non-mineralized	N-AML	0.03	0.6	96	125	0.64	<5	110		<5	0.14	3		3	260		3	3.28			0.18	<10		0.16	10000	<1	0.04	7	189	
K-09-0205	E780494	223.5	224.94	QTZT	non-mineralized	N-AML	<0.03	0.6	84	204	0.69	<5	85		<5	0.11	3		3	187		4	1.56			0.16	<10		0.08	4555	<1	0.06	6	207	
K-09-0205	E780495	224.94	226.53	GNST	non-mineralized		<0.03	0.4	82	105	10	<5	320		<5	6.61	6		85	94		253	8.23			0.39	<10		4.14	1374	<1	0.48	84	945	
K-09-0205	E780496	226.53	228.5	GNST	non-mineralized		<0.03	<0.2	88	111	10	<5	35		<5	6.76	6		92	93		252	8.52			0.18	<10		4.98	1597	<1	0.61	88	1008	
K-09-0205	E780497	228.5	230.26	GNST	non-mineralized		<0.03	0.4	88	126	10	5	1125		<5	6.96	6		89	119		255	8.69			0.98	<10		3.11	1247	<1	0.64	89	1062	
K-09-0205	E780498	230.26	232.66	QTZT	non-mineralized	N-AML	<0.03	<0.2	29	22	0.72	<5	50		<5	0.55	<1		5	170		11	0.93			0.09	<10		0.15	224	<1	0.04	8	270	
K-09-0205	E780500	232.66	234.6	QTZT	non-mineralized	N-AML	<0.03	0.8	91	173	0.74	<5	110		<5	4.33	3		3	134		5	2.02			0.18	<10		1.67	1426	<1	0.04	5	225	
K-09-0205	E772002	234.6	236.55	QTZT	non-mineralized	N-AML	<0.03	<0.2	4	26	0.28	<5	70		<5	1	<1		2	244		<1	0.66			0.11	<10		0.35	176	<1	0.02	5	100	
K-09-0205	E772003	236.55	238.55	QTZT	non-mineralized	N-AML	<0.03	<0.2	20	90	1.52	<5	330		<5	0.14	1		7	322		6	0.99			0.51	10		0.13	96	<1	0.17	17	320	
K-09-0205	E772004	238.55	240.63	QTZT	non-mineralized	N-AML	<0.03	0.2	26	64	3.12	<5	715		<5	1.9	<1		11	308		11	1.64			0.87	20		0.3	157	<1	0.25	28	600	
K-09-0205	E772005	240.63	242.5	QTZT	non-mineralized	N-AML	<0.03	<0.2	16	53	1.12	<5	305		<5	2.86	<1		6	315		8	1.21			0.33	<10		0.26	198	<1	0.08	18	320	
K-09-0205	E772006	242.5	244.15	QTZT	non-mineralized	N-AML	<0.03	<0.2	10	34	1.23	<5	280		<5	2.42	<1		5	319		4	1.16			0.36	10		0.14	132	<1	0.12	15	350	
K-09-0205	E772008	244.15	246.89	QTZT	non-mineralized	N-AML	<0.03	<0.2	8	16	0.74	<5	190		<5	2.75	<1		4	256		2	0.99			0.25	<10		0.3	182	<1	0.06	10	500	
K-09-0206	E756325	200.98	221.6	QTZT	non-mineralized	N-AML	<0.03	2	42	105	0.43	<5	75		<5	1.17	1		3	321		5	1.68			0.16	<10		0.31	834	<1	0.02	14	120	
K-09-0206	E756326	221.6	222.5	GSCH	non-mineralized	N-AML	<0.03	7.8	107	118	7.96	20	155		<5	0.48	3		23	343		21	3.39			2.78	30		0.29	612	2	0.47	70	1820	
K-09-0206	E756328	222.5	223.5	QTZT	non-mineralized	N-AML	<0.03	4	126	112	5.97	20	55		<5	0.74	2		21	317		43	3.55			2.74	20		0.48	923	4	0.41	63	570	
K-09-0206	E756329	223.5	224.5	QTZT	non-mineralized	N-AML	<0.03	20	1290	3326	2.57	10	105		<5	0.95	37		11	369		18	3.71			0.97	20		0.21	7949	1	0.12	36	4170	
K-09-0206	E756330	224.5	225.5	QTZT	non-mineralized	N-AML	<0.03	7.2	1022	491	0.52	<5	95		<5	0.08	6		3	374		3	1.36			0.2	<10		0.07	4371	<1	0.03	9	120	
K-09-0206	E756331	225.5	226.5	QTZT	non-mineralized	N-AML	<0.03	1.6	202	363	0.36	<5	75		<5	0.03	4		3	311		<1	0.76			0.14	<10		0.03	1968	<1	0.02	7	70	
K-09-0206	E756333	226.5	227.25	QTZT	non-mineralized	N-AML	<0.03	0.6	37	139	0.36	<5	75		<5	0.03	2		3	331		<1	0.75			0.14	<10		0.04	1877	<1	0.02	7	70	
K-09-0206	E756334	227.25	228.5	QTZT	non-mineralized	N-AML	<0.03	3	139	260	0.78	10	145		<5	0.03	3		4	342		3	1.05			0.31	<10		0.05	1893	<1	0.04	12	110	
K-09-0206	E756335	228.6	229.5	QTZT	non-mineralized	N-AML	<0.03	6	253	507	1.39	10	255		<5	0.12	5		6	312		5	1.3			0.51	<10		0.13	2060	<1	0.06	18	150	
K-09-0206	E756337	229.5	230.7	GSCH	non-mineralized	N-AML	<0.03	5.2	109	176	4.71	20	570		<5	0.19	2		17	350		28	1.87			2.04	20		0.2	1584	3	0.29	43	360	
K-09-0206	E756338	230.7	231.2	GSCH	non-mineralized	N-AML	<0.03	28.2	650	1000	2.96	15	445		<5	0.09	12		13	362		31	2.17			1.35	20		0.21	3816	3	0.17	38	280	
K-09-0206	E756339	231.2	231.55	VM	mineralized		0.1	372	33400	12300	0.4	40	45		25	0.36	143		13	165		253	10			0.13	10		0.77	10000	<1	0.09	22	<10	
K-09-0206	E756340	231.55	231.69	GSCH	non-mineralized	N-AML	0.03	8.6	565	699	3.04	25	410		<5	0.21	8		13	287		11	2.52			1.15	20		0.21	3712	1	0.32	34	900	
K-09-0206	E756341	231.69	232.5	QTZT	non-mineralized	N-AML	<0.03	0.7	84	104	0.58	<5	110		<5	0.07	1		4	318		2	0.59			0.24	<10		0.04	615	<1	0.04	10	230	
K-09-0206	E756342	232.5	233.5	QTZT	non-mineralized	N-AML	<0.03	<0.2	42	98	0.37	5	80		<5	0.1	1		3	285		<1	0.47			0.16	<10		0.04	408	<1	0.02	7	180	
K-09-0206	E756343	233.5	234.5	QTZT	non-mineralized	N-AML	<0.03	0.2	6	18	0.45	<5	80		<5	0.21	<1		3	276		<1	0.52			0.17	<10		0.05	53	<1	0.02	9	190	
K-09-0206	E756345	234.5	235.5	QTZT	non-mineralized	N-AML	<0.03	0.2	20	62	2.34	10	445		<5	0.23	<1		10	333		8	0.98			0.9	20		0.15	66	<1	0.21	24	450	
K-09-0206	E756346	235.5	236.5	QTZT	non-mineralized	N-AML	<0.03	<0.2	10	30	1.23	<5	225		<5	0.29	<1		6	276		2	0.69			0.44	10		0.09	58	<1	0.09	13	370	
K-09-0206	E756347	236.5	237.5	QTZT	non-mineralized	N-AML	<0.03	<0.2	6	38	0.37	<5	60		<5	0.33	<1		2	275		<1	0.47			0.13	<10		0.06	78	<1	0.01	9	180	
K-09-0206	E756349	237.5	238.5	QTZT	non-mineralized	N-AML	<0.03	<0.2	20	61	0.73	<5	125		<5	0.34	<1		3	293		69	0.61			0.27	<10		0.1	103	4	0.04	10	210	
K-09-0206	E756350	238.5	240	QTZT	non-mineralized	N-AML	<0.03	<0.2	24	56	2.54	<5	395		<5	0.78	<1		7	327		7	0.93			0.81	10		0.14	131	<1	0.19	17	450	
K-09-0207	E756351	193.55	195.07	QTZT	non-mineralized	N-AML	<0.03	<0.2	16	54	1.81	5	280		<5	1.54	<1		7	336		10	1.18			0.6	<10		0.65	179	<1	0.08	20	280	
K-09-0207	E756352	195.07	196.6	QTZT	non-mineralized	N-AML	<0.03	4.2	90	182	2.78	10	415		<5	1.3	2		10	322		19	1.83			0.8	10		0.49	505	<1	0.12	26	1050	
K-09-0207	E756353	196.6	198.1	QTZT	non-mineralized	N-AML	<0.03	<0.2	16	93	2.51	5	425		<5	0.42	1		10	342		30	1.6			0.71	<10		0.27	105	2	0.14	28	300	
K-09-0209	E756376	203.74	205.37	QTZT	non-mineralized	N-AML	0.04	1	16	11	0.41	<5	65		<5	0.61	<1		2	308		<1	0.38			0.14	<10		0.05	60	<1	0.03	7	90	
K-09-0209	E756377	205.37	207	QTZT	non-mineralized	N-AML	0.03	1.8	254	505	0.34	<5	50		<5	1.33	5		2	255		1	0.69			0.12	<10		0.28	594	<1	0.03	6	80	
K-09-0209	E756378	207	208	QTZT	non-mineralized	N-AML	<0.03	2.2	506	818	0.41	<5	50		<5	2.06	9		2	268		<1	1.27			0.15	<10		0.63	2698	<1	0.04	6	100	
K-09-0209	E756379	208	209.09	QTZT	mineralized	P-AML	<0.03	13.6	6040	2470	0.32	<5	80		10	4.48	28		4	191		1	7.31			0.12	<10		1.94	10000	<1	0.06	15	130	
K-09-0209	E756380	209.09	210	QTZT	non-mineralized	N-AML	<0.03	5.6	638	1383	2.4	15	485		<5	0.56	15		11	344		6	1.56			1.17	10		0.23	1910	1	0.19	29	340	
K-09-0209	E756381	210	211	QTZT	non-mineralized	N-AML	<0.03	6.4	864	690	4.42	20	335		<5	0.21	8		15	392		9	1.66			1.77	20		0.14	850	2	0.38	39	530	
K-09-0209	E756382	211	211.95	QTZT	non-mineralized	N-AML	0.04	4.2	444	546	1.78	15	385		<5	0.42	6		8	305		9	1.87			0.84	10		0.17	2612	<1	0.14	22	250	
K-09-0209	E756383	211.95	212.35	VM	mineralized		0.58	6417	38300	4811	1.37	15	85		25	0.29	122		13	253		3930	10			0.43	<10		0.52	10000	<1	0.15	30	140	
K-09-0209	E756384	212.35	213.25	QTZT	non-mineralized	N-AML	0.08	26.8	1042	571	1.19	10	155		<5	0.09	8		5	362		26	3.73			0.35	<10		0.14	9372	<1	0.07	17	100	
K-09-0209	E756385	213.25	213.55	QTZT	non-mineralized	N-AML	0.04	4.4	326	572	1.35	<5	195		<5	0.11	6		4	395		22	1.17			0.49	<10		0.08	1764	<1	0.08	14	140	
K-09-0209	E756386	213.55	214.1	QTZT	non-mineralized	N-AML	0.05	5.2	704	1151	4.85	10	520		<5	0.21	14		15	312		8	3.12			1.77	20		0.23	4025	2	0.37	42	440	
K-09-0209	E756388	214.1	214.6	QTZT	non-mineralized	N-AML	0.05	1	72	2494	0.74	15	85		5	0.09	38		4	429		4	4.96			0.24	<10		0.14	10000	<1	0.06	13	70	
K-09-0209	E756389	214.6	215.62	QTZT	non-mineralized	N-AML	<0.03	1	264	295	0.43	<5	65		<5	0.05	4		2	368		2	1.46			0.15	<10		0.05	4257	<1	0.04	7	80	
K-09-0209	E756390	215.62	216.8	QTZT	non-mineralized	N-AML	<0.03	1.6	146	312	0.44	<5	60		<5	0.06	4		3	360		2	1.79			0.16	<10		0.05	4903	<1	0.04	7	90	
K-09-0209	E756391	216.8	217.8	QTZT	non-mineralized	N-AML	<0.03	1.4	138	157	0.81	5	110		<5	0.07	2		4	393		3	2.58			0.28	<10		0.09	6904	<1	0.05	11	90	
K-09-0209	E756393	217.8	218	GSCH	mineralized	P-AML	0.04	182	10400	1056	7.86	35	35		<5	0.3	15		26	317		24	5.3			2.78	10		0.31	2083	2	0.63	85	690	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-09-0209	E756394	218	218.55	QTZT	mineralized	P-AML	0.19	6953	201000	25200	0.69	<5	65		10	0.09	312		4	287		1280	6.2			0.23	<10		0.19	10000	<1	0.06	12	70	
K-09-0209	E756395	218.55	219.1	QTZT	mineralized	P-AML	0.08	2348	84200	9174	0.28	<5	40		10	0.05	129		3	355		492	5.31			0.1	<10		0.11	10000	<1	0.05	9	20	
K-09-0209	E756396	219.1	219.7	QTZT	mineralized	P-AML	0.15	2356	50800	60400	0.29	<5	40		10	0.06	751		6	291		1313	6.4			0.11	<10		0.18	10000	<1	0.06	11	20	
K-09-0209	E756398	219.7	220.5	QTZT	mineralized	P-AML	0.09	1707	22400	12800	0.64	<5	80		10	0.1	184		6	317		661	6.72			0.19	<10		0.19	10000	<1	0.06	16	30	
K-09-0209	E756399	220.5	220.98	VM	mineralized		0.4	1408	10100	419000	0.22	5	20		20	1.25	1000		19	51		1967	10			0.06	<10		1	10000	<1	0.08	19	<10	
K-09-0209	E756400	220.98	221.5	VM	mineralized		0.24	618	1322	129000	1	<5	20		25	0.37	1000		18	124		774	10			0.24	<10		0.73	10000	<1	0.2	31	<10	
K-09-0209	E756401	221.5	222.03	VM	mineralized		0.07	72.4	402	144000	1.13	<5	25		20	2.9	1000		12	138		232	10			0.34	<10		1.38	10000	<1	0.17	22	<10	
K-09-0209	E756402	222.03	222.5	QTZT	non-mineralized	N-AML	<0.03	4.4	182	4307	2.46	10	405		<5	0.69	49		11	387		12	1.95			1.16	10		0.25	2399	<1	0.16	27	580	
K-09-0209	E756403	222.5	223.25	QTZT	non-mineralized	N-AML	<0.03	1.2	36	624	0.61	5	65		<5	1.27	8		4	347		9	1.2			0.21	<10		0.39	2016	<1	0.04	10	120	
K-09-0209	E756405	223.25	224.2	QTZT	non-mineralized	N-AML	0.04	1.6	170	303	1.01	10	165		<5	0.17	4		5	409		6	1.26			0.41	<10		0.06	1632	<1	0.08	13	380	
K-09-0209	E756406	224.2	225.25	QTZT	non-mineralized	N-AML	<0.03	5.4	62	149	1.42	<5	245		<5	0.84	2		5	347		8	1.05			0.48	10		0.17	437	<1	0.08	16	280	
K-09-0209	E756407	225.25	226.25	QTZT	non-mineralized	N-AML	<0.03	0.6	26	98	1.84	<5	285		<5	2.57	1		5	397		9	1.17			0.59	10		0.23	459	<1	0.25	17	360	
K-09-0209	E756408	226.25	227.32	QTZT	non-mineralized	N-AML	<0.03	8	32	87	3.52	<5	650		<5	3.41	2		9	495		13	1.63			1	20		0.27	278	1	0.2	26	550	
K-09-0209	E756409	227.32	227.66	QTZT	non-mineralized	N-AML	<0.03	0.6	46	680	3.39	5	685		<5	1.73	8		7	493		4	1.79			1.22	20		0.48	734	1	0.21	24	630	
K-09-0209	E756411	227.66	228.6	QTZT	non-mineralized	N-AML	<0.03	1.6	122	374	1.38	<5	255		<5	0.68	4		5	402		5	1.27			0.48	<10		0.15	1571	<1	0.08	15	270	
K-09-0209	E756412	228.6	230.12	QTZT	non-mineralized	N-AML	<0.03	8	144	127	0.4	<5	65		<5	0.04	2		2	378		2	0.61			0.15	<10		0.03	846	<1	0.03	8	90	
K-09-0210	E772016	202.69	204.72	QTZT	non-mineralized	N-AML	<0.03	<0.2	8	38	0.53	<5	65		<5	2.18	<1		4	280		2	1.22			0.09	<10		0.78	216	<1	0.02	9	260	
K-09-0210	E772017	204.72	206.76	QTZT	non-mineralized	N-AML	<0.03	<0.2	8	24	0.3	<5	60		<5	4.77	<1		3	221		<1	1.3			0.07	<10		1.37	258	<1	0.02	7	310	
K-09-0210	E772019	206.76	208.79	QTZT	non-mineralized	N-AML	<0.03	0.8	46	115	4.65	5	160		<5	1.01	2		18	290		22	2			1.51	20		0.46	86	2	0.37	51	330	
K-09-0210	E772020	208.79	210.8	QTZT	non-mineralized	N-AML	<0.03	0.8	42	121	4.73	10	165		<5	1.32	2		16	308		23	1.82			1.46	20		0.34	76	2	0.32	46	810	
K-09-0210	E772021	210.8	212.12	QTZT	non-mineralized	N-AML	<0.03	0.4	28	126	3.7	5	45		<5	0.9	2		15	302		20	2.63			1.58	20		0.21	98	1	0.34	48	710	
K-09-0210	E772022	212.12	213.36	QTZT	non-mineralized	N-AML	<0.03	0.6	38	155	5.12	5	90		<5	1.03	2		19	330		24	3.08			1.69	20		0.36	104	<1	0.44	54	2250	
K-09-0210	E772023	213.36	215.26	QTZT	non-mineralized	N-AML	<0.03	0.6	24	63	2.5	5	165		<5	1.06	<1		11	239		9	1.42			0.87	<10		0.3	63	1	0.14	30	670	
K-09-0210	E772024	215.26	216.99	QTZT	non-mineralized	N-AML	<0.03	0.4	22	61	2.77	5	365		<5	1.8	<1		11	316		8	1.26			0.99	<10		0.27	115	<1	0.09	28	400	
K-09-0210	E772026	216.99	218	QTZT	non-mineralized	N-AML	<0.03	<0.2	10	20	0.59	<5	135		<5	0.43	<1		3	299		2	0.46			0.23	<10		0.06	53	<1	0.02	10	100	
K-09-0210	E772027	218	218.96	QTZT	non-mineralized	N-AML	<0.03	1	72	223	0.22	<5	40		<5	0.28	2		2	264		<1	0.32			0.09	<10		0.03	463	<1	<0.01	6	60	
K-09-0210	E772028	218.96	219.96	QTZT	non-mineralized	N-AML	<0.03	0.8	100	189	0.24	<5	40		<5	0.21	2		2	287		<1	0.37			0.1	<10		0.02	640	<1	0.01	6	70	
K-09-0210	E772029	219.96	220.98	QTZT	non-mineralized	N-AML	<0.03	1	278	1206	0.21	<5	35		<5	2.74	10		2	222		<1	1.24			0.09	<10		0.93	1888	<1	0.01	6	90	
K-09-0210	E772030	220.98	221.92	QTZT	non-mineralized	N-AML	<0.03	9.6	714	2393	0.34	<5	170		<5	4.5	18		4	173		<1	1.94			0.15	<10		1.25	5912	<1	0.02	8	130	
K-09-0210	E772031	221.92	222.72	QTZT	non-mineralized	N-AML	<0.03	10.6	1234	3269	3.23	15	200		<5	0.16	29		14	381		10	3.22			1.71	20		0.2	8034	<1	0.29	41	510	
K-09-0210	E772032	222.72	223.65	QTZT	non-mineralized	N-AML	<0.03	7.7	334	585	1.02	10	195		<5	0.09	5		7	294		10	1.99			0.49	<10		0.09	4622	<1	0.08	23	210	
K-09-0210	E772034	223.65	224.62	QTZT	non-mineralized	N-AML	<0.03	3.6	672	869	1.44	15	375		<5	0.1	7		8	296		2	1.56			0.74	10		0.1	4266	<1	0.12	18	280	
K-09-0210	E772035	224.62	225.55	QTZT	non-mineralized	N-AML	<0.03	5	574	986	1.51	25	170		<5	0.1	9		9	332		4	2.16			0.89	10		0.11	3308	1	0.15	23	290	
K-09-0210	E772037	225.55	226.47	QTZT	non-mineralized	N-AML	<0.03	7	1016	1512	2.72	20	325		<5	0.18	15		13	303		8	3.81			1.32	20		0.18	10000	3	0.27	33	610	
K-09-0210	E772038	226.47	227.08	QTZT	non-mineralized	N-AML	<0.03	3.4	160	193	0.7	15	135		<5	0.1	2		5	304		2	2.94			0.28	<10		0.13	10000	<1	0.05	14	140	
K-09-0210	E772039	227.08	227.9	QTZT	non-mineralized	N-AML	<0.03	7.8	356	355	1.07	45	145		<5	0.08	4		6	252		4	3.22			0.46	<10		0.14	7718	<1	0.08	17	160	
K-09-0210	E772040	227.9	228.5	VM	mineralized		0.15	2955	86200	11800	0.45	<5	90		5	0.06	141		4	241		1396	3.98			0.17	<10		0.22	10000	<1	0.03	13	50	
K-09-0210	E772041	228.5	229.1	VM	mineralized		0.09	3131	95000	1346	1.53	<5	220		15	0.17	29		7	303		326	8.89			0.53	<10		0.26	10000	<1	0.11	21	120	
K-09-0210	E772042	229.1	230.12	QTZT	non-mineralized	N-AML	<0.03	8	534	316	0.41	<5	50		<5	1.16	4		2	339		5	0.95			0.11	<10		0.37	571	<1	0.03	7	120	
K-09-0210	E772043	230.12	231.1	QTZT	non-mineralized	N-AML	<0.03	3.6	188	274	0.39	<5	45		<5	2.43	3		2	311		3	1.4			0.14	<10		0.75	894	<1	0.03	7	150	
K-09-0210	E772045	231.1	232.16	QTZT	non-mineralized	N-AML	<0.03	1	170	284	0.34	<5	30		<5	4.39	4		2	248		2	2.75			0.12	<10		1.52	3436	<1	0.04	5	190	
K-09-0210	E772046	232.16	233.17	QTZT	non-mineralized	N-AML	<0.03	1	24	17	0.3	<5	60		<5	7.54	1		2	196		1	2.67			0.09	<10		2.39	536	<1	0.04	5	120	
K-09-0210	E772047	233.17	234.1	QTZT	non-mineralized	N-AML	<0.03	0.6	34	48	0.24	<5	60		<5	7.95	2		2	176		<1	2.83			0.09	<10		2.78	765	<1	0.04	4	100	
K-09-0210	E772048	234.1	235.15	QTZT	non-mineralized	N-AML	<0.03	0.2	28	34	0.28	<5	35		<5	5.41	1		2	207		<1	2.04			0.08	<10		1.56	655	<1	0.03	5	110	
K-09-0210	E772049	235.15	236	QTZT	non-mineralized	N-AML	<0.03	2	92	282	0.71	<5	125		<5	0.14	3		3	250		4	0.78			0.28	<10		0.05	665	<1	0.06	11	170	
K-09-0210	E772050	236	237	QTZT	non-mineralized	N-AML	<0.03	1.4	262	904	0.91	<5	20		<5	2.26	9		4	291		9	2.41			0.28	<10		0.62	4936	<1	0.06	9	370	
K-09-0210	E772051	237	238	QTZT	non-mineralized	N-AML	<0.03	1	106	261	0.6	<5	55		5	7.84	4		3	205		3	3.52			0.21	<10		2.63	1578	<1	0.04	6	200	
K-09-0210	E772052	238	238.96	QTZT	non-mineralized	N-AML	<0.03	2	222	689	0.55	<5	80		<5	1.32	8		3	281		5	1.78			0.19	<10		0.4	438	<1	0.04	10	200	
K-09-0210	E772053	238.96	240.92	QTZT	non-mineralized	N-AML	<0.03	1.6	52	68	1.56	<5	250		<5	0.57	1		5	466		7	1.15			0.48	10		0.19	122	<1	0.14	17	490	
K-09-0210	E772054	240.92	243	QTZT	non-mineralized	N-AML	<0.03	0.2	18	50	0.53	<5	90		<5	0.09	<1		2	203		2	0.4			0.19	<10		0.02	58	<1	0.04	7	180	
K-09-0210	E772055	243	245	QTZT	non-mineralized	N-AML	<0.03	<0.2	34	119	0.39	<5	70		<5	4.73	2		2	258		1	1.88			0.14	<10		1.29	493	<1	0.04	6	180	
K-09-0210	E772057	245	246.86	QTZT	non-mineralized	N-AML	<0.03	0.6	16	30	0.89	<5	130		<5	0.28	<1		4	341		5	0.61			0.3	10		0.07	137	<1	0.08	12	260	
K-09-0212	E756435	59.44	61.98	QTZT	non-mineralized	N-AML	0.03	4	354	866	1.4	15	170		<5	0.05	12		5	319		4	1.47			0.49	10		0.03	1673	<1	0.09	15	210	
K-09-0212	E756436	61.98	62.63	QTZT	mineralized	P-AML	0.06	23.8	12500	11900	1.01	15	170		<5	0.05	139		12	224		4	2.48			0.39	<10		0.03	10000	<1	0.07	25	170	
K-09-0212	E756437	62.63	63.81	QTZT	non-mineralized	N-AML	0.03	3.6	496	925	2.24	30	390		<5	0.05	16		5	303		5	1.13			0.91	20		0.05	1036	<1	0.13	13	260	
K-09-0212	E756438	63.81	64.14	QTZT	mineralized	P-AML	0.03	16.4	7580	7520	2.28	20	370		<5	0.14	82		12	286		8	2.47			0.83	10		0.06	10000	<1	0.13	33	590	
K-09-0212	E756439	64.14	64.51	QTZT	non-mineralized	N-AML	0.03	1.4	128	627	4.84	45	740		<5	0.07	8		9	318		11	1.91			1.85	30		0.17	337	1	0.32	25	370	
K-09-0212	E756441	64.51	66.94	QTZT	non-mineralized	N-AML	<0.03	1.4	144	688	0.9	5	95		<5	0.06	6		7	252		6	0.93			0.25	<10		0.04	1215	<1	0.04	13	130	
K-09-0212	E756413	218.04	219.86	QTZT	non-mineralized	N-AML	<0.03	0.6	24	57	1.97	<5	315		<5	2.24	1		6	370		7	1.62			0.53	<10		0.4	204	1	0.08	19	300	
K-09-0212	E756415	219.86	222.28	QTZT	non-mineralized	N-AML	<0.03	0.8	20	34	0.51	<5	100		<5	1.05	<1		2	353		2	0.82			0.18	<10		0.3	218	<1	0.04	8	130	
K-09-0212	E756416	222.28	224.45	GSCH	non-mineralized	N-AML	<0.03	1	38	297	5.35	10	460		<5	0.53	4		17	329		18	2.18			2.1	20		0.28	195	1	0.47	49	770	
K-09-0212	E756417	224.45	225.55	GSCH	non-mineralized	N-AML	<0.03	2.4	94	239	3.38	5	380		<5	0.89	3		12	396		14	2.32			1.41	20		0.28	625	2	0.25	40	640	
K-09-0212	E756418	225.55	226.2	GSCH	mineralized	P-AML	<0.03	8	526	12400	4.39	5	195		<5	1.67	143		16	299		19	2.94			1.75	10		0.54	1788	2	0.28	50	830	
K-09-0212	E756419	226.2	226.55	VM	mineralized		<0.03	16.8	3794	64900	4.16	5	30		5	4.68	688		13	237		64	3.93			1.18	10		1.6	9415	2	0.25	35	820	
K-09-0212	E756420	226.55	226.98	VM	mineralized		0.07	81.8	4638	26100	4.12	5	165		<5	1.57	278		16	304		70	3.41			1.34	10		0.54	6237	2	0.21	41	530	
K-09-0212	E756421	226.98	227.37	VM	mineralized		0.46	634	3186	9759	0.9	<5	125		25	3.85	111		9	147		448	10			0.26	<10		1.81	10000	<1	0.13	28	60	
K-09-0212	E756422	227.37	227.66	VM	mineralized		0.14	86.3	1308	147000	1.41	10	10		25	2.07	1000		23	129		173	10			0.46	<10		1.53	10000	<1	0.24	48	50	
K-09-0212	E756424	227.66	228.52	QTZT	mineralized	P-AML	0.24	1621	2484	5242	2.83	<5	120		15	0.9	81		11	271		1535	9.07			0.87	10		0.49	10000	<1	0.19	31	360	
K-09-0212	E756425	228.52	229.86	QTZT	non-mineralized	N-AML	0.03	3.6	802	1849	1.27	<5	310		<5	0.32	19		5	261		7	2.4			0.48	<10		0.14	6614	<1	0.08	14	310	
K-09-0212	E756427	229.86	230.83	QTZT	non-mineralized	N-AML	0.08	6.6	136	524	4.39	10	400		<5	0.49	6		12	336		11	2.23			1.73	20		0.25	1992	<1	0.35	35	700	
K-09-0212	E756428	230.83	232	QTZT	non-mineralized	N-AML	0.06	4.6	158	455	4.88	10	380		<5	0.49	6		18	350		14	2.79			2.1	20		0.31	3084	1	0.39	52	810	
K-09-0212	E756429	232	233.17	QTZT	non-mineralized	N-AML	0.04	1.2	522	1218	0.68	<5	125		<5	0.36	13		3	264		2	1.75			0.27	<10		0.15	5245	<1	0.04	10	240	
K-09-0212	E756430	233.17	234.69	QTZT	non-mineralized	N-AML	0.05	0.6	128	527	1.08	<5	185		<5	0.79	5		4	273		3	1.09			0.41	<10		0.14	1556	<1	0.05	11	320	
K-09-0212	E756431	234.69	236.45	QTZT	non-mineralized	N-AML	<0.03	2.6	130	752	4.02	5	925		<5	1.51	8		12	303		13	2.46			1.87	20		0.36	1525	<1	0.3	37	730	
K-09-0212	E756432	236.45	238.45	QTZT	non-mineralized	N-AML	0.05	3.6	116	623	4.14	5	890		<5	1.14	7		14	328		16	2.64			2.08	30		0.42	1444	<1	0.3	43	910	
K-09-0212	E756433	238.45	240.4	QTZT	non-mineralized	N-AML	0.06	0.4	138	316	0.42	<5	75		<5	1	3		2	250		1	0.79			0.15	<10		0.12	1264	<1	0.03	7	210	
K-09-0212	E756434	240.4	242.32	QTZT	non-mineralized	N-AML	<0.03	1	52	177	1.61	<5	310		<5	1.19	2		5	265		4	0.95			0.58	10		0.14	326	<1	0.1	13	390	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-09-0213	E772059	231.66	233	GSCH	non-mineralized	N-AML	<0.03	0.6	40	102	5.54	5	115		<5	0.86	2		17	385		36	3.45			1.84	20		0.48	151	2	0.46	55	1150	
K-09-0213	E772060	233	234.6	GSCH	non-mineralized	N-AML	<0.03	3.6	62	139	3.43	5	225		<5	0.81	2		12	374		31	2.31			1.33	20		0.41	220	1	0.22	36	900	
K-09-0213	E772061	234.6	235.61	QTZT	non-mineralized	N-AML	<0.03	1.2	98	225	0.53	<5	105		<5	0.18	3		2	369		3	0.69			0.2	<10		0.06	373	<1	0.04	9	70	
K-09-0213	E772062	235.61	236.83	QTZT	non-mineralized	N-AML	<0.03	0.8	80	202	0.44	<5	110		<5	0.04	2		2	316		1	0.66			0.16	<10		0.04	1166	<1	0.03	7	50	
K-09-0213	E772063	236.83	237.74	QTZT	non-mineralized	N-AML	<0.03	0.6	104	349	0.46	<5	95		<5	0.05	4		3	359		3	0.75			0.19	<10		0.04	1631	<1	0.04	7	60	
K-09-0213	E772065	237.74	239.27	QTZT	non-mineralized	N-AML	<0.03	1.8	86	282	0.46	<5	85		<5	0.07	3		3	367		7	0.89			0.18	<10		0.05	2146	2	0.04	8	60	
K-09-0213	E772066	239.27	240.79	QTZT	non-mineralized	N-AML	<0.03	0.4	26	78	1.43	<5	210		<5	0.37	1		6	366		10	2.24			0.39	<10		0.24	4481	<1	0.07	15	140	
K-09-0213	E772067	240.79	242.32	GSCH	non-mineralized	N-AML	<0.03	2.8	148	1084	4.25	5	560		<5	0.46	12		14	392		45	2.22			1.73	20		0.3	899	4	0.27	47	320	
K-09-0213	E772068	242.32	243.84	GSCH	non-mineralized	N-AML	<0.03	14	210	891	3.77	10	360		<5	0.23	11		11	420		31	2.09			1.41	10		0.19	1557	9	0.27	47	300	
K-09-0213	E772070	243.84	245.36	QTZT	non-mineralized	N-AML	<0.03	2	224	515	1.48	<5	270		<5	0.17	6		5	401		7	1.47			0.53	<10		0.12	3018	2	0.08	17	180	
K-09-0213	E772071	245.36	246.89	QTZT	non-mineralized	N-AML	<0.03	20.4	116	145	2.34	5	400		<5	0.5	2		8	439		7	2.25			0.87	<10		0.11	2068	2	0.17	25	1680	
K-09-0213	E772072	246.89	248.41	QTZT	non-mineralized	N-AML	<0.03	3.2	262	616	2.57	5	120		10	0.3	9		9	427		5	6.55			0.88	10		0.18	10000	<1	0.18	25	660	
K-09-0213	E772073	248.41	249.4	QTZT	non-mineralized	N-AML	<0.03	9.3	654	323	2.17	5	255		<5	0.48	4		8	409		18	3.27			0.71	10		0.25	5724	1	0.14	26	460	
K-09-0213	E772075	249.4	250.1	QTZT	mineralized	P-AML	<0.03	34.7	1578	5649	0.43	<5	75		<5	0.11	85		2	478		55	1.56			0.15	<10		0.06	3707	<1	0.04	9	100	
K-09-0213	E772076	250.1	250.4	QTZT	mineralized	P-AML	<0.03	310	43600	3807	0.23	<5	40		<5	0.05	57		2	428		121	1.29			0.09	<10		0.03	3315	<1	0.03	7	50	
K-09-0213	E772077	250.4	250.85	QTZT	non-mineralized	N-AML	<0.03	4.6	58	34	0.29	<5	60		<5	0.08	<1		2	287		8	0.48			0.11	<10		0.02	452	<1	0.03	7	70	
K-09-0213	E772078	250.85	252.37	QTZT	non-mineralized	N-AML	<0.03	14.6	86	37	0.38	<5	80		<5	0.07	<1		3	388		51	1.09			0.14	<10		0.04	2802	<1	0.04	7	100	
K-09-0213	E772079	252.37	253.9	QTZT	non-mineralized	N-AML	<0.03	1.2	186	285	0.32	<5	60		5	0.13	4		2	327		2	3.02			0.13	<10		0.18	10000	<1	0.04	8	110	
K-09-0213	E772080	253.9	255.42	QTZT	non-mineralized	N-AML	<0.03	1	144	412	0.64	<5	100		<5	0.69	5		3	304		3	1.09			0.24	<10		0.2	1100	<1	0.04	10	330	
K-09-0213	E772081	255.42	256.95	QTZT	non-mineralized	N-AML	<0.03	1.3	100	398	1.38	<5	175		<5	0.16	4		4	225		5	0.69			0.39	10		0.06	194	<1	0.07	10	360	
K-09-0213	E772082	256.95	259.08	QTZT	non-mineralized	N-AML	<0.03	4	86	267	0.8	<5	95		<5	0.22	3		3	237		5	0.58			0.24	10		0.05	243	<1	0.04	9	580	
K-09-0213	E772083	259.08	260.6	QTZT	non-mineralized	N-AML	<0.03	1.2	64	118	0.57	<5	75		<5	0.16	1		2	210		5	0.47			0.15	<10		0.04	58	<1	0.04	7	430	
K-09-0213	E772084	260.6	261.82	QTZT	non-mineralized	N-AML	0.05	1	44	97	2.56	10	430		<5	0.4	2		7	274		10	1.09			0.78	20		0.08	99	<1	0.11	20	1100	
K-09-0213	E772086	261.82	264	QTZT	non-mineralized	N-AML	<0.03	1.2	14	96	1.04	50	150		<5	1.61	<1		3	260		6	1			0.25	10		0.49	361	<1	0.05	9	230	
K-09-0213	E772087	264	266	QTZT	non-mineralized	N-AML	<0.03	0.2	14	21	1.25	80	220		<5	0.68	<1		5	289		9	0.81			0.37	10		0.17	182	<1	0.06	12	260	
K-09-0213	E772088	266	268	QTZT	non-mineralized	N-AML	<0.03	0.4	16	26	1.28	<5	170		<5	0.67	<1		4	281		6	0.65			0.33	10		0.1	99	<1	0.08	10	330	
K-09-0213	E772090	268	269.75	QTZT	non-mineralized	N-AML	0.03	0.8	30	82	1.49	<5	175		<5	2.18	1		4	275		5	1.43			0.35	10		0.78	298	<1	0.09	10	380	
K-09-0213	E772091	269.75	271.27	QTZT	non-mineralized	N-AML	0.04	1	54	150	2.11	5	360		<5	0.79	2		5	369		7	1.12			0.56	10		0.19	497	<1	0.16	12	430	
K-09-0213	E772092	271.27	272.8	GSCH	non-mineralized	N-AML	<0.03	0.8	32	96	5.51	<5	950		<5	1.28	2		11	326		15	2.18			1.73	40		0.38	344	1	0.42	28	790	
K-09-0213	E772094	272.8	275	QTZT	non-mineralized	N-AML	<0.03	<0.2	36	146	4.4	<5	800		<5	3.31	2		10	313		20	1.68			0.98	20		0.33	274	1	0.34	24	770	
K-09-0215	E756442	211.31	212.97	QTZT	non-mineralized	N-AML	<0.03	1.6	152	337	1.78	<5	180		<5	0.23	5		5	282		10	1.35			0.37	<10		0.12	1516	<1	0.07	14	170	
K-09-0215	E756444	212.97	213.79	QTZT	non-mineralized	N-AML	<0.03	6.2	410	602	3.25	<5	255		<5	0.29	8		9	358		24	2.43			0.87	<10		0.18	2920	2	0.11	28	290	
K-09-0215	E756445	213.79	216.1	QTZT	non-mineralized	N-AML	<0.03	1	56	88	6.63	<5	490		<5	0.74	2		16	345		26	2.9			1.28	20		0.42	197	<1	0.19	40	500	
K-09-0215	E756446	216.1	217.09	QTZT	non-mineralized	N-AML	<0.03	0.4	42	104	4.9	<5	705		<5	0.67	1		11	390		12	1.71			1.04	20		0.29	221	1	0.14	27	440	
K-09-0215	E756447	217.09	218.1	QTZT	non-mineralized	N-AML	<0.03	0.2	48	181	0.51	<5	45		<5	0.56	2		3	269		4	0.71			0.14	<10		0.12	462	<1	0.03	8	140	
K-09-0215	E756448	218.1	219.1	QTZT	non-mineralized	N-AML	<0.03	0.6	74	101	0.56	<5	30		<5	0.42	1		3	288		4	0.74			0.09	<10		0.1	373	<1	0.03	8	170	
K-09-0215	E756449	219.1	220.1	QTZT	non-mineralized	N-AML	<0.03	1	84	302	0.46	<5	15		<5	0.51	4		3	235		3	0.93			0.1	<10		0.12	945	<1	0.02	7	190	
K-09-0215	E756450	220.1	221.1	QTZT	non-mineralized	N-AML	<0.03	0.6	54	191	0.47	<5	65		<5	0.65	2		3	248		3	0.93			0.1	<10		0.12	712	<1	0.03	7	170	
K-09-0215	E756451	221.1	221.8	QTZT	non-mineralized	N-AML	<0.03	2.6	478	916	0.6	<5	45		<5	0.19	10		3	194		2	1			0.19	<10		0.08	1970	<1	0.03	7	150	
K-09-0215	E756452	221.8	222.19	VM	non-mineralized		<0.03	2.2	316	1491	1.04	<5	130		<5	1.24	15		7	254		5	1.14			0.3	<10		0.27	2104	<1	0.04	15	180	
K-09-0215	E756453	222.19	222.79	VM	mineralized		<0.03	134	6754	5850	3	<5	210		<5	0.29	65		14	243		45	3.07			0.86	10		0.24	5565	<1	0.09	32	330	
K-09-0215	E756454	222.79	222.95	VM	mineralized		0.15	2377	160000	22800	0.3	<5	40		<5	0.1	277		5	209		722	3.62			0.08	<10		0.17	10000	<1	0.04	10	30	
K-09-0215	E756455	222.95	223.1	VM	mineralized		0.56	4534	301000	71700	0.25	5	15		<5	0.08	851		9	143		6104	5.02			0.07	<10		0.24	10000	<1	0.05	18	10	
K-09-0215	E756457	223.1	223.55	VM	mineralized		<0.03	96.1	6570	2832	1.08	5	120		<5	0.1	34		4	312		50	1.84			0.34	<10		0.09	4936	<1	0.05	11	70	
K-09-0215	E756458	223.55	224.03	VM	mineralized		0.05	68.5	8568	149	0.47	<5	80		<5	0.06	3		3	336		21	0.88			0.15	<10		0.04	1723	<1	0.04	8	70	
K-09-0215	E756460	224.03	225.1	QTZT	non-mineralized	N-AML	<0.03	3.8	768	193	0.82	<5	105		<5	0.1	2		3	266		3	0.95			0.26	<10		0.07	2333	<1	0.04	8	70	
K-09-0215	E756461	225.1	226.32	QTZT	non-mineralized	N-AML	0.03	1.4	84	182	0.88	<5	120		<5	0.3	2		4	360		5	0.94			0.25	<10		0.13	950	<1	0.04	11	120	
K-09-0215	E756462	226.32	227.16	QTZT	non-mineralized	N-AML	0.05	1.6	40	206	1.35	<5	225		<5	0.61	2		5	392		6	1.08			0.36	<10		0.21	578	<1	0.06	14	130	
K-09-0215	E756463	227.16	228.8	QTZT	non-mineralized	N-AML	0.07	0.2	28	74	2.7	<5	665		<5	0.72	2		11	370		19	2.98			1.02	20		0.43	268	2	0.2	33	400	
K-09-0215	E756464	228.8	230.42	QTZT	non-mineralized	N-AML	<0.03	0.8	44	76	2.42	5	750		<5	0.31	1		10	400		17	1.44			1.2	10		0.23	269	1	0.21	27	260	
K-09-0215	E756465	230.42	231.65	QTZT	non-mineralized	N-AML	<0.03	2.8	166	485	1.08	<5	190		<5	0.33	6		4	378		10	1.26			0.34	<10		0.12	1829	1	0.06	15	100	
K-09-0215	E756466	231.65	233.6	QTZT	non-mineralized	N-AML	<0.03	1.4	80	280	1.05	<5	185		<5	0.42	3		4	324		5	0.87			0.32	<10		0.11	779	<1	0.05	12	110	
K-09-0215	E756468	233.6	235.64	QTZT	non-mineralized	N-AML	<0.03	2.2	152	792	0.72	<5	140		<5	3.5	9		4	320		4	0.91			0.22	<10		0.16	1412	<1	0.05	9	260	
K-09-0215	E756469	235.64	238.04	QTZT	non-mineralized	N-AML	<0.03	1.2	126	443	0.63	<5	140		<5	9.84	4		3	180		3	0.85			0.18	<10		0.19	1165	<1	0.04	7	690	
K-09-0215	E756470	238.04	240.08	QTZT	non-mineralized	N-AML	<0.03	0.6	26	64	2.74	5	215		<5	1.75	1		11	427		14	2.16			1.15	10		0.21	135	1	0.27	30	850	
K-09-0215	E756471	240.08	241.82	QTZT	non-mineralized	N-AML	<0.03	0.4	16	34	1.76	<5	350		<5	1.68	<1		6	347		7	1.42			0.39	10		0.18	138	<1	0.18	16	460	
K-09-0215	E756472	241.82	242.32	QTZT	non-mineralized	N-AML	<0.03	<0.2	14	95	0.89	<5	95		<5	0.6	<1		5	345		10	1.06			0.4	<10		0.07	525	<1	0.8	11	1280	
K-09-0215	E756474	242.32	244.29	QTZT	non-mineralized	N-AML	<0.03	<0.2	30	130	1.21	<5	275		<5	3.66	2		5	352		4	1.24			0.3	10		0.15	726	<1	0.08	12	540	
K-09-0215	E756475	244.29	246.889	QTZT	non-mineralized	N-AML	<0.03	0.6	64	309	0.36	<5	85		<5	6.92	4		2	244		2	0.84			0.12	<10		0.2	1283	<1	0.03	6	470	
K-09-0216	E772121	208	210.04	QTZT	non-mineralized	N-AML	<0.03	0.4	16	38	1.47	<5	250		<5	0.36	<1		3	299		15	0.82			0.46	<10		0.14	125	<1	0.06	11	100	
K-09-0216	E772122	210.04	212.04	QTZT	non-mineralized	N-AML	<0.03	0.6	6	6	0.35	<5	50		<5	0.14	<1		2	303		3	0.54			0.09	<10		0.05	76	<1	0.02	6	50	
K-09-0216	E772123	212.04	214	QTZT	non-mineralized	N-AML	<0.03	0.2	4	9	0.4	<5	55		<5	0.06	<1		2	283		3	0.49			0.1	<10		0.04	58	<1	0.02	6	60	
K-09-0216	E772124	214	216.03	QTZT	non-mineralized	N-AML	<0.03	<0.2	24	48	0.37	<5	65		<5	0.1	<1		2	215		2	0.36			0.12	<10		0.03	82	<1	0.02	5	60	
K-09-0216	E772125	216.03	218.04	QTZT	non-mineralized	N-AML	<0.03	0.2	12	20	0.48	<5	80		<5	0.19	<1		2	269		4	0.49			0.14	<10		0.06	124	<1	0.04	7	70	
K-09-0216	E772126	218.04	219.06	QTZT	non-mineralized	N-AML	<0.03	0.2	78	147	0.4	<5	70		<5	0.05	2		2	265		4	0.51			0.13	<10		0.03	506	<1	0.04	6	60	
K-09-0216	E772127	219.06	220	QTZT	non-mineralized	N-AML	<0.03	1.2	50	69	0.46	<5	95		<5	0.02	<1		2	298		4	0.53			0.18	<10		0.02	504	<1	0.03	7	70	
K-09-0216	E772128	220	222.22	QTZT	non-mineralized	N-AML	<0.03	0.2	22	46	0.48	<5	85		<5	0.05	<1		2	294		4	0.4			0.15	<10		0.02	117	<1	0.03	6	60	
K-09-0216	E772130	222.22	224.45	QTZT	non-mineralized	N-AML	<0.03	<0.2	6	24	0.41	<5	110		<5	0.08	<1		2	272		4	0.47			0.11	<10		0.03	82	<1	0.03	7	70	
K-09-0216	E772095	224.45	226.67	QTZT	non-mineralized	N-AML	<0.03	0.2	24	74	0.48	<5	85		<5	0.18	<1		2	217		4	0.4			0.12	<10		0.07	244	<1	0.03	6	80	
K-09-0216	E772096	226.67	228.7	QTZT	non-mineralized	N-AML	<0.03	0.6	32	78	0.55	<5	85		<5	0.34	<1		2	224		3	0.5			0.14	<10		0.09	379	<1	0.03	7	80	
K-09-0216	E772097	228.7	230.71	QTZT	non-mineralized	N-AML	<0.03	1	50	74	1.38	<5	240		<5	0.48	1		5	266		7	0.91			0.38	<10		0.15	196	2	0.05	12	110	
K-09-0216	E772098	230.71	231.7	QTZT	non-mineralized	N-AML	<0.03	3.8	64	108	5.22	<5	875		<5	0.43	2		14	372		24	1.74			1.59	30		0.26	571	2	0.16	30	320	
K-09-0216	E772099	231.7	233.7	QTZT	non-mineralized	N-AML	<0.03	0.6	14	43	2.42	<5	385		<5	0.58	<1		7	264		16	1.17			0.59	10		0.24	173	3	0.07	22	160	
K-09-0216	E772100	233.7	235.11	QTZT	non-mineralized	N-AML	<0.03	<0.2	12	22	1.79	<5	290		<5	0.63	<1		6	212		7	0.81			0.44	10		0.12	101	1	0.06	13	220	
K-09-0216	E772101	235.11	237.11	QTZT	non-mineralized	N-AML	<0.03	0.2	12	23	0.98	<5	160		<5	5.4	<1		4	257		5	1.24			0.21	<10		0.42	309	<1	0.05	10	790	
K-09-0216	E772102	237.11	239.02	QTZT	non-mineralized	N-AML	<0.03	1	96	234	4.45	<5	325		<5	1.91	4		11	293		14	2.12			1.15	30		0.29	472	<1	0.18	26	790	
K-09-0216	E772103	239.02	240	QTZT	non-mineralized	N-AML	<0.03	0.8	26	41	1.47	<5	335		<5	1.34	<1		4	268		6	1.05			0.42	10		0.22	126	<1	0.06	13	400	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-09-0216	E772104	240	241	QTZT	non-mineralized	N-AML	<0.03	2.6	256	523	3.07	<5	525		<5	1.02	6		9	320		11	2.12			0.92	20		0.33	2393	<1	0.14	24	570	
K-09-0216	E772105	241	242.04	QTZT	non-mineralized	N-AML	<0.03	3	316	531	2.05	<5	405		<5	2.45	7		6	256		6	1.25			0.59	10		0.14	1227	<1	0.1	14	610	
K-09-0216	E772106	242.04	243.05	QTZT	non-mineralized	N-AML	<0.03	3	424	853	1.4	<5	245		<5	2.69	10		5	261		5	1.02			0.41	10		0.19	1239	<1	0.07	11	710	
K-09-0216	E772107	243.05	244.1	QTZT	non-mineralized	N-AML	<0.03	3	244	810	2.51	<5	500		<5	0.61	10		7	255		7	1.79			0.78	20		0.16	2582	<1	0.11	18	510	
K-09-0216	E772108	244.1	244.47	VM	non-mineralized		0.05	46.2	4614	257	0.81	160	110		<5	0.34	5		13	290		21	5.2			0.19	<10		0.34	10000	<1	0.06	26	160	
K-09-0216	E772109	244.47	245.14	VM	non-mineralized		0.06	384	524	216	1.32	90	185		<5	0.15	3		6	291		18	1.84			0.34	10		0.2	1478	<1	0.06	16	290	
K-09-0216	E772111	245.14	245.5	VM	mineralized		0.07	892	2756	10300	0.97	<5	130		<5	0.2	142		7	202		471	7.6			0.26	10		0.37	10000	<1	0.08	14	130	
K-09-0216	E772112	245.5	246.16	QTZT	non-mineralized	N-AML	0.03	61.8	636	444	1.9	20	340		<5	0.15	7		9	208		68	1.77			0.44	20		0.14	2418	<1	0.16	19	370	
K-09-0216	E772113	246.16	247.16	GNST	non-mineralized		<0.03	3.2	242	490	3.34	10	390		<5	0.67	8		15	226		42	2.36			0.5	20		0.37	690	<1	0.33	21	460	
K-09-0216	E772114	247.16	248.17	GNST	non-mineralized		<0.03	3.6	340	412	1.15	<5	280		<5	0.53	5		5	180		11	1.22			0.32	<10		0.14	2316	<1	0.08	9	370	
K-09-0216	E772116	248.17	249.1	GNST	non-mineralized		<0.03	5.6	228	382	9.47	10	540		<5	6.06	7		58	149		212	8.33			0.94	20		2.98	5165	<1	0.29	58	1210	
K-09-0216	E772117	249.1	251.1	GNST	non-mineralized		0.04	0.8	36	122	10	<5	250		<5	8.85	5		73	87		274	10			0.26	<10		4.13	1579	<1	0.21	78	910	
K-09-0216	E772118	251.1	253.03	GNST	non-mineralized		<0.03	0.4	36	120	10	<5	1085		<5	8.49	4		75	134		291	10			0.65	<10		3.99	1419	<1	0.27	77	950	
K-09-0216	E772120	253.03	253.75	SSCH	non-mineralized		<0.03	0.6	32	111	9.22	5	735		<5	8.12	4		61	87		250	9.32			0.54	<10		2.88	1097	<1	0.36	71	850	
K-09-0217	E756476	199.64	201.17	QTZT	non-mineralized	N-AML	<0.03	6	432	805	0.42	5	60		<5	0.25	10		3	398		4	0.88			0.12	<10		0.05	1201	<1	0.04	9	110	
K-09-0217	E756478	201.17	202.69	QTZT	non-mineralized	N-AML	<0.03	<0.2	20	51	0.38	<5	55		<5	0.21	<1		2	326		3	0.49			0.11	<10		0.03	144	<1	0.04	8	100	
K-09-0217	E756479	202.69	204.22	QTZT	non-mineralized	N-AML	<0.03	1.2	216	574	0.36	10	55		<5	0.38	7		3	376		4	0.84			0.11	<10		0.07	2089	<1	0.04	9	100	
K-09-0217	E756480	204.22	205	QTZT	non-mineralized	N-AML	<0.03	6.2	1914	4834	1.65	5	425		<5	0.12	61		10	468		8	2.62			0.89	20		0.13	6036	<1	0.18	28	370	
K-09-0217	E756481	205	205.6	QTZT	non-mineralized	N-AML	0.05	6.2	1052	3298	2.77	15	380		<5	0.24	44		13	505		12	3.26			1.75	10		0.22	9083	<1	0.34	41	490	
K-09-0217	E756482	205.6	206.45	QTZT	non-mineralized	N-AML	<0.03	5.6	186	372	3.15	10	915		<5	0.57	5		16	493		16	1.54			1.47	20		0.2	1342	1	0.38	41	700	
K-09-0217	E756484	206.45	207.26	QTZT	non-mineralized	N-AML	<0.03	0.4	16	88	1.91	10	375		<5	1.32	1		9	402		15	1.32			0.67	10		0.29	215	1	0.11	27	420	
K-09-0217	E756485	207.26	208.79	QTZT	non-mineralized	N-AML	<0.03	0.4	42	86	1.39	15	250		<5	0.89	1		5	422		6	0.97			0.38	<10		0.18	283	<1	0.07	15	200	
K-09-0217	E756486	208.79	210.31	QTZT	non-mineralized	N-AML	<0.03	1.4	86	307	0.67	<5	95		<5	0.88	4		3	347		5	0.88			0.2	<10		0.18	1060	<1	0.04	13	180	
K-09-0217	E756487	210.31	211.84	QTZT	non-mineralized	N-AML	<0.03	0.2	68	203	0.28	<5	50		<5	0.05	3		2	352		2	0.91			0.09	<10		0.04	3200	<1	0.03	6	80	
K-09-0217	E756488	211.84	213.36	QTZT	non-mineralized	N-AML	<0.03	1.4	66	252	1.41	5	465		<5	0.49	3		9	422		22	2.06			0.83	<10		0.27	1356	1	0.14	27	380	
K-09-0217	E756490	213.36	214.88	QTZT	non-mineralized	N-AML	<0.03	0.4	22	58	2.01	10	225		<5	0.33	1		14	374		23	2.5			1.44	<10		0.29	190	1	0.3	39	480	
K-09-0217	E756491	214.88	216.41	QTZT	non-mineralized	N-AML	<0.03	2	28	76	2.19	10	185		<5	0.64	2		13	363		25	2.75			1.79	10		0.39	720	<1	0.28	38	860	
K-09-0217	E756492	216.41	217.93	GSCH	non-mineralized	N-AML	0.08	11.2	254	613	2.94	45	60		<5	0.27	8		22	462		26	3.57			2.7	10		0.2	1193	1	0.45	62	1340	
K-09-0217	E756493	217.93	218.72	QTZT	non-mineralized	N-AML	<0.03	0.4	30	40	0.78	40	205		<5	0.06	1		3	464		3	2.79			0.29	<10		0.17	9077	<1	0.07	9	100	
K-09-0217	E756494	218.72	219.75	QTZT	non-mineralized	N-AML	0.1	0.8	154	181	0.48	55	150		<5	0.04	2		2	459		4	1.22			0.19	<10		0.07	1889	<1	0.05	8	90	
K-09-0217	E756495	219.75	220.7	GSCH	non-mineralized	N-AML	0.08	0.6	100	112	1.67	100	650		<5	0.06	2		8	549		4	1.21			1.27	<10		0.08	397	<1	0.19	23	250	
K-09-0217	E756496	220.7	221.45	GSCH	non-mineralized	N-AML	<0.03	6	1296	764	1.26	50	180		<5	0.88	11		5	467		9	3.83			0.65	<10		0.36	10000	1	10	17	170	
K-09-0217	E756497	221.45	222.1	QTZT	mineralized	P-AML	0.03	249	7374	281	0.68	<5	130		<5	0.06	5		6	536		72	1.8			0.36	<10		0.08	3746	<1	0.14	18	230	
K-09-0217	E756499	222.1	222.5	VM	mineralized		0.05	751	101000	147	0.4	<5	45		<5	0.18	9		8	295		44	8.74			0.12	<10		0.32	10000	<1	0.08	14	50	
K-09-0217	E756500	222.5	224.03	QTZT	non-mineralized	N-AML	3	9.4	738	67	0.47	<5	65		<5	0.1	1		4	376		9	3.42			0.14	<10		0.11	10000	<1	0.05	10	150	
K-09-0217	E756501	224.03	225.55	QTZT	non-mineralized	N-AML	0.04	6.4	442	944	8.87	105	1735		<5	0.45	14		21	371		17	1.32			3.38	40		0.18	1178	3	1.14	40	1720	
K-09-0217	E756502	225.55	227.08	QTZT	non-mineralized	N-AML	0.04	3.6	158	341	0.91	70	155		<5	0.1	5		6	264		10	0.97			0.42	10		0.06	1330	<1	0.08	13	250	
K-09-0217	E756503	227.08	228.6	QTZT	non-mineralized	N-AML	0.04	0.4	46	177	0.47	<5	30		<5	0.16	2		3	175		8	0.75			0.18	<10		0.05	1477	<1	0.05	5	140	
K-09-0217	E756505	228.6	230	QTZT	non-mineralized	N-AML	0.03	0.2	6	34	0.4	<5	20		<5	1.29	<1		3	175		4	0.46			0.17	<10		0.05	475	<1	0.06	6	140	
K-09-0217	E756506	230	231.65	GNST	non-mineralized		0.04	2.4	64	86	7.94	<5	150		<5	7.9	4		68	114		215	7.2			0.38	<10		3.03	1400	<1	0.4	66	750	
K-08-0174	E603576	272.41	273.42	QTZT	non-mineralized	N-AML	<0.01	<0.5	222	366	0.34	<5	80	<0.5	<2	4.98	3.6		<1	19		<1	2.51	<10		0.15	<10		1.86	2590	<1	0.01	3	130	
K-08-0174	E603577	273.42	273.89	QTZT	non-mineralized	N-AML	0.01	<0.5	59	60	0.47	7	100	<0.5	<2	0.09	<0.5		<1	24		4	0.59	<10		0.19	<10		0.04	161	<1	0.01	5	150	
K-08-0174	E603578	273.89	275.38	QTZT	non-mineralized	P-AML	0.02	<0.5	93	243	1.59	126	300	<0.5	<2	0.33	2.4		2	40		3	1.32	10		0.58	10		0.11	737	<1	0.05	15	630	
K-08-0174	E603579	275.38	276.08	QTZT	non-mineralized	P-AML	0.05	<0.5	26	26	0.41	7020	80	<0.5	<2	0.05	<0.5		8	30		1	1.93	<10		0.17	10		0.02	383	1	0.01	11	160	
K-08-0174	E603580	276.08	276.93	QTZT	non-mineralized	P-AML	0.12	814	133	370	0.92	214	120	<0.5	<2	0.26	14.6		2	26		948	1.73	<10		0.28	10		0.17	3630	<1	0.03	12	150	
K-08-0174	E603581	276.93	278.02	QTZT	non-mineralized	P-AML	0.05	126	44	135	2.27	97	320	0.7	<2	0.1	3		5	37		173	2.05	<10		0.73	10		0.16	4310	<1	0.08	21	260	
K-08-0174	E603582	278.02	279.05	QTZT	non-mineralized	N-AML	0.01	1.7	91	48	0.49	19	110	<0.5	3	0.08	<0.5		1	22		1	0.9	<10		0.16	10		0.06	2030	<1	0.02	7	250	
K-08-0174	E603583	279.05	281.05	QTZT	non-mineralized	N-AML	0.08	48.6	141	64	0.44	19	80	<0.5	2	0.09	1.3		1	22		62	2.1	<10		0.14	<10		0.16	6530	<1	0.01	8	130	
K-08-0174	E603584	281.05	283.05	QTZT	non-mineralized	P-AML	0.03	68.8	62	189	0.63	69	130	<0.5	3	0.06	3.6		2	37		116	1.11	<10		0.23	10		0.06	2210	<1	0.02	9	160	
K-08-0174	E603585	283.05	285.05	QTZT	non-mineralized	N-AML	<0.01	1.2	86	261	3	47	540	0.9	2	1.09	2.9		4	61		5	2.05	10		0.88	20		0.23	3080	<1	0.16	21	360	
K-10-0266	E757255	17.86	19.05	ICQS	non-mineralized	N-AML	0.004	<0.5	11	200	1.95	6	625	0.8	<1	0.12	1.9	23	7.1	352	2.6	21.3	1.8	7	<1	0.61	11	33	0.11	723	3.3	0.16	29.6	311	35
K-10-0266	E757257	19.05	20.7	ICQS	non-mineralized	N-AML	0.008	0.5	9	83.6	2.45	7	1070	1.2	<1	0.05	<0.5	23	2.9	501	4.3	40	2.71	13	<1	1.14	10	22	0.21	252	6.7	0.14	24.5	229	59
K-08-0174	E603587	285.05	287.05	QTZT	non-mineralized	N-AML	<0.01	<0.5	19	49	1.61	9	330	<0.5	<2	1.86	<0.5		1	40		4	0.99	<10		0.47	10		0.15	679	<1	0.07	9	190	
K-08-0174	E603588	287.05	289.15	QTZT	non-mineralized	P-AML	0.01	1.5	152	475	4.78	25	970	1.3	<2	0.73	5.3		6	80		11	1.89	10		1.61	20		0.3	2180	<1	0.2	27	490	
K-08-0174	E603589	289.15	291.15	QTZT	non-mineralized	P-AML	<0.01	0.7	71	441	1.81	17	420	0.5	<2	0.2	4.8		2	44		3	2.57	<10		0.59	10		0.21	8240	<1	0.09	13	240	
K-08-0174	E603590	291.15	293.1	QTZT	non-mineralized	N-AML	0.01	0.7	119	271	1.35	11	250	<0.5	3	0.09	3.1		2	42		1	0.9	<10		0.44	10		0.07	2050	<1	0.08	9	180	
K-10-0266	E757262	27.24	29.16	ICQS	non-mineralized	N-AML	0.004	0.9	18	119	4.02	12	974	2.5	<1	0.12	<0.5	18	8.7	339	<0.5	14.3	3.07	15	<1	1.63	10	16	0.23	299	<0.5	0.29	42.1	910	120
K-08-0174	E603592	293.1	295.05	QTZT	non-mineralized	N-AML	<0.01	0.8	46	155	1.48	12	270	<0.5	<2	3.14	1.5		2	42		6	1.24	<10		0.45	10		0.32	1230	<1	0.1	12	370	
K-08-0174	E603593	295.05	296.02	QTZT	non-mineralized	P-AML	<0.01	2.6	421	480	1.33	20	190	<0.5	<2	0.66	5.6		2	51		3	1.94	<10		0.38	10		0.24	3980	1	0.11	12	440	
K-08-0174	E603594	296.02	297.48	QTZT	non-mineralized	N-AML	<0.01	1.9	71	125	1.41	22	230	<0.5	<2	0.85	1.6		2	43		13	1.61	<10		0.4	10		0.34	2350	1	0.11	15	280	
K-10-0266	E757243	4	5.18	QTZT	non-mineralized	N-AML	0.002	<0.5	5	70.8	0.43	3	53	<0.5	<1	0.05	0.6	9	1.9	410	<0.5	3.9	0.55	<5	<1	0.1	4	7	0.04	180	4.6	0.01	6.2	111	<10
K-10-0266	E757244	5.18	6.48	QTZT	non-mineralized	N-AML	0.002	<0.5	5	131	0.45	5	58	<0.5	<1	0.03	0.9	8	3.4	424	<0.5	4.6	0.79	<5	<1	0.09	4	7	0.03	402	3.3	0.01	9.5	183	<10
K-10-0266	E757246	6.48	7.92	TQTZT	non-mineralized	N-AML	0.015	1.1	171	167	2.69	30	1200	2.1	<1	0.14	1.6	36	5.1	348	6.1	39.2	2.43	16	<1	1.74	15	30	0.2	259	2.8	0.22	24.9	1030	99
K-10-0266	E757247	7.92	9.18	TQTZT	non-mineralized	N-AML	<0.002	1.2	60	166	3.38	17	1130	2	<1	0.12	0.8	41	9.1	300	8	24.2	3.62	20	<1	2.12	16	23	0.32	421	2	0.22	45.3	743	109
K-10-0266	E757248	9.18	11.03	TQTZT	non-mineralized	N-AML	<0.002	0.9	20	56.1	1.85	7	390	0.8	<1	0.14	<0.5	17	4.7	567	2.8	11.1	1.87	7	<1	0.8	8	11	0.15	284	3.1	0.09	21.1	362	44
K-10-0266	E757249	11.03	12.5	QTZT	non-mineralized	N-AML	0.003	<0.5	11	56.7	1.06	7	292	<0.5	<1	0.11	<0.5	14	2.4	414	1.4	8.6	1	<5	<1	0.45	7	8	0.08	144	2.9	0.05	10.5	285	22
K-10-0266	E757251	12.5	13.55	QTZT	non-mineralized	N-AML	0.005	<0.5	10	61.1	0.64	2	104	<0.5	<1	0.08	<0.5	11	3	493	0.6	5.9	0.88	<5	<1	0.12	6	5	0.06	198	3.8	0.02	11.7	242	<10
K-10-0266	E757252	13.55	14.79	TQTZT	non-mineralized	N-AML	<0.002	<0.5	13	90.7	1.44	6	421	0.8	<1	0.14	<0.5	24	3.7	406	2.4	10.4	1.31	6	<1	0.54	11	31	0.08	145	3.5	0.1	18.3	343	27
K-10-0266	E757253	14.79	16.53	TQTZT	non-mineralized	N-AML	0.014	<0.5	13	84.2	1.16	6	482	0.7	<1	0.1	<0.5	16	2.9	614	2.6	10.3	1.22	6	<1	0.5	9	22	0.08	179	3.9	0.09	14.1	284	26
K-10-0266	E757254	16.53	17.86	TQTZT	non-mineralized	N-AML	0.004	<0.5	14	162	1.82	9	636	1	<1	0.14	0.6	15	4.3	461	3.3	23.9	1.95	7	<1	0.68	8	35	0.19	127	3.4	0.14	23.5	476	39
K-10-0266	E757258	20.7	22.08	QTZT	non-mineralized	N-AML	0.003	<0.5	8	72.7	1.92	6	615	1	<1	0.32	<0.5	28	4.9	401	3.2	27.4	1.34	8	<1	0.91	13	11	0.28	197	3.4	0.13	26.3	404	47
K-10-0266	E757259	22.08	23.96	QTZT	non-mineralized	N-AML	0.004	<0.5	6	44.4	1.47	5	299	0.5	<1	0.04	<0.5	15	3.5	432	2.1	11.8	1.16	<5	<1	0.46	8	4	0.08	109	3.6	0.07	15.9	277	25
K-10-0266	E757260	23.96	26.07	QTZT	non-mineralized	N-AML	0.004	<0.5	7	50.1	1	4	197	<0.5	<1	0.04	<0.5	13	3.1	587	1.3	8.8	1.1	<5	<1	0.32	7	5	0.08	99	4	0.04	12.2	206	17
K-10-0266	E757261	26.07	27.24	QTZT	non-mineralized	N-AML	<0.002	<0.5	9	18.2	0.4	2	56	<0.5	<1	0.02	<0.5	6	2	294	<0.5	2.6	0.56	<5	1	0.08	4	1	0.03	63	3.1	0.02	7.5	141	<10
K-10-0266	E757263	29.16	30.32	QTZT	non-mineralized	N-AML	<0.002	<0.5	7	62	0.66	3	96	<0.5	<1	0.32	<0.5	9	2.9	322	<0.5	1.8	0.81	<5	<1	0.15	6	2	0.06	182	3.8	0.02	13.4	278	10
K-10-0266	E757264	30.32	32.1	QTZT	non-mineralized	N-AML	<0.002	<0.5	7	43.5	0.53	2	58	<0.5	<1	0.18	<0.5	8	2.8	371	<0.5	1.6	0.83	<5	<1	0.1	5	1	0.04	137	4.3	0.02	10.6	180	<10
K-10-0266	E757286	62.31	64.09	ICQS	non-mineralized	N-AML	0.048	0.6	21	117	4.75	48	1210	2.6	<1	0.05	0.5	13	3.6	305	<0.5	11.8	2.54	19	4	2.27	7	40	0.17	83	1.7	0.22	20.1	747	254

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-10-0266	E757266	32.1	33.95	QTZT	non-mineralized	N-AML	<0.002	<0.5	12	79.2	1.43	7	291	0.6	<1	0.05	<0.5	14	4.6	398	<0.5	7.6	2.16	<5	<1	0.53	8	5	0.09	130	1.8	0.06	23	381	41
K-10-0266	E757267	33.95	35.36	GSCH	non-mineralized	N-AML	0.009	0.6	21	134	2.99	10	1080	2.9	<1	0.08	0.5	28	13.7	461	<0.5	19	3.75	16	5	2.26	15	9	0.19	195	<0.5	0.18	51.8	722	158
K-10-0266	E757268	35.36	37.49	GSCH	non-mineralized	N-AML	0.004	<0.5	20	151	3.67	18	997	2.6	<1	0.29	<0.5	32	10.9	301	<0.5	20.5	3.82	17	4	2.05	17	7	0.31	358	<0.5	0.16	53.9	786	139
K-10-0266	E757269	37.49	39.07	QTZT	non-mineralized	N-AML	<0.002	<0.5	6	63.9	0.49	5	61	<0.5	1	0.03	<0.5	4	2.2	370	<0.5	1.5	0.67	<5	<1	0.13	2	5	0.02	133	3	0.02	6.7	108	<10
K-10-0266	E757292	70.99	71.49	ICQS	non-mineralized	N-AML	0.006	<0.5	30	73.6	0.43	14	66	<0.5	1	0.01	<0.5	10	2.5	397	<0.5	0.6	0.64	<5	<1	0.13	6	4	0.02	86	3.4	0.01	7.1	99	<10
K-10-0266	E757293	71.49	72.64	ICQS	non-mineralized	N-AML	0.01	<0.5	12	131	0.71	14	78	<0.5	<1	0.17	1.3	9	3.4	445	<0.5	5.8	1.42	<5	2	0.18	5	7	0.06	276	2.9	0.01	15.6	341	15
K-10-0266	E757270	39.07	40.8	QTZT	non-mineralized	N-AML	<0.002	<0.5	8	61.2	0.51	3	73	<0.5	<1	0.05	0.7	6	2.3	319	<0.5	1.9	0.54	<5	<1	0.16	3	4	0.03	94	3.1	0.02	8.2	95	<10
K-10-0266	E757272	40.8	43.11	QTZT	non-mineralized	N-AML	0.002	<0.5	7	71.3	0.56	4	65	<0.5	<1	0.14	0.6	10	2.9	384	<0.5	1.2	0.53	<5	<1	0.19	5	4	0.05	165	3.6	0.01	11.2	89	12
K-10-0266	E757273	43.11	44.31	TQTZT	non-mineralized	N-AML	0.01	0.8	36	681	3.9	42	931	2.3	2	0.17	2.7	20	11.5	297	<0.5	18.6	4.74	18	<1	1.99	10	31	0.29	1220	<0.5	0.16	57.8	1260	125
K-10-0266	E757274	44.31	45.72	TQTZT	non-mineralized	N-AML	0.003	<0.5	5	127	0.79	5	106	<0.5	2	0.38	<0.5	8	2.8	291	<0.5	2.2	0.97	<5	<1	0.18	5	9	0.06	274	2.6	0.02	11.9	323	15
K-10-0266	E757276	45.72	47.74	TQTZT	non-mineralized	N-AML	<0.002	0.6	9	179	0.84	8	172	<0.5	<1	0.09	0.9	11	4.7	415	<0.5	6.1	1.29	<5	<1	0.28	6	7	0.06	335	2.4	0.03	18.4	378	17
K-10-0266	E757277	47.74	49.87	TQTZT	non-mineralized	N-AML	<0.002	<0.5	12	128	2.82	13	404	1.3	<1	2.33	<0.5	24	5.9	242	<0.5	6.5	1.73	9	<1	0.67	15	36	1.38	255	1.1	0.1	18.2	579	65
K-10-0266	E757278	49.87	51.86	TQTZT	non-mineralized	N-AML	<0.002	<0.5	13	96.5	2.43	13	529	1.4	<1	0.12	<0.5	16	4.9	335	<0.5	4.8	2	9	<1	0.95	9	35	0.13	136	1.6	0.14	18.9	573	69
K-10-0266	E757279	51.86	53.85	TQTZT	non-mineralized	N-AML	<0.002	<0.5	7	104	1.21	7	195	0.5	1	0.36	<0.5	11	4.9	418	<0.5	5.7	1.71	<5	2	0.34	6	15	0.17	152	2.6	0.05	21.8	386	22
K-10-0266	E757303	87.25	89.47	ICQS	non-mineralized	P-AML	0.004	0.7	21	143	4.83	10	881	1.6	<1	0.47	1.3	18	9.9	379	6.6	19.3	3.58	19	<1	2	9	14	0.53	359	3.6	0.15	45.4	585	63
K-10-0266	E757280	53.85	55.78	TQTZT	non-mineralized	N-AML	<0.002	<0.5	7	135	1.35	6	144	<0.5	<1	0.64	<0.5	11	5.7	407	<0.5	6.9	1.72	<5	2	0.25	6	9	0.21	347	1.9	0.03	22.1	435	18
K-10-0266	E757281	55.78	57.81	TQTZT	non-mineralized	N-AML	0.003	<0.5	13	222	1.51	14	311	0.6	2	0.08	1.1	12	5.4	360	<0.5	7.8	1.46	6	<1	0.6	7	17	0.09	337	3.1	0.06	18.9	554	44
K-10-0266	E757282	57.81	59.68	TQTZT	non-mineralized	N-AML	0.005	0.7	20	196	1.1	13	223	<0.5	1	0.17	1.6	13	4.3	404	<0.5	4.7	1.21	<5	2	0.47	8	14	0.09	328	3.5	0.04	15.1	412	34
K-10-0266	E757283	59.68	61.59	TQTZT	non-mineralized	N-AML	0.003	2.5	23	403	0.55	29	92	<0.5	<1	0.04	4.2	7	8.2	382	<0.5	4	1.29	<5	<1	0.17	4	7	0.04	1070	2.9	0.02	21.7	258	11
K-10-0266	E757285	61.59	62.31	TQTZT	non-mineralized	N-AML	0.015	1.7	38	130	0.54	39	127	<0.5	<1	0.02	0.7	7	1.9	371	<0.5	3.4	0.85	<5	<1	0.24	4	2	0.01	54	3.6	0.02	5.5	132	15
K-10-0266	E757287	64.09	65.37	QTZT	non-mineralized	N-AML	0.003	<0.5	7	65.2	0.53	6	87	<0.5	<1	0.03	0.6	6	2.4	334	<0.5	2.1	0.63	<5	1	0.22	3	7	0.02	189	3	0.02	7.4	111	13
K-10-0266	E757288	65.37	67.02	QTZT	non-mineralized	N-AML	0.005	0.5	9	77.2	0.45	7	66	<0.5	<1	0.03	0.7	7	2	266	<0.5	1.4	0.47	<5	<1	0.16	4	5	0.02	180	3	0.01	4.4	82	13
K-10-0266	E757289	67.02	68.83	QTZT	non-mineralized	N-AML	<0.002	<0.5	6	40.2	0.49	5	77	<0.5	<1	0.02	<0.5	9	1.7	321	<0.5	0.9	0.5	<5	<1	0.15	5	4	0.02	68	3.4	0.02	4.3	83	<10
K-10-0266	E757291	68.83	70.99	QTZT	non-mineralized	N-AML	0.008	0.8	21	111	2.83	26	987	2.1	<1	0.07	<0.5	23	4.1	353	<0.5	4.1	2.56	16	2	1.84	13	61	0.17	108	0.9	0.2	21.1	765	169
K-10-0266	E757294	72.64	74.74	QTZT	non-mineralized	N-AML	0.007	<0.5	8	63	0.5	12	91	<0.5	<1	0.21	0.6	7	2.4	578	<0.5	1.2	0.82	<5	<1	0.16	4	5	0.08	185	4.4	0.02	15.8	197	14
K-10-0266	E757296	74.74	76.75	QTZT	non-mineralized	N-AML	<0.002	<0.5	5	96.8	1.05	7	135	<0.5	2	0.92	1.1	8	3	355	<0.5	3.7	0.91	<5	1	0.27	4	14	0.1	230	2.9	0.03	11.8	260	25
K-10-0266	E757297	76.75	78.76	QTZT	non-mineralized	N-AML	0.004	1	46	115	0.49	7	82	<0.5	<1	0.11	0.9	6	2.2	386	<0.5	3.4	0.67	<5	<1	0.19	3	2	0.04	317	2.4	0.02	6.7	125	18
K-10-0266	E757299	80.73	81.63	QTZT	non-mineralized	N-AML	0.003	<0.5	6	58.2	0.69	4	104	<0.5	1	0.18	1.6	9	2.9	279	<0.5	1.6	0.59	<5	<1	0.24	5	13	0.07	183	2.8	0.03	7.4	114	19
K-10-0266	E757300	81.63	84.45	QTZT	non-mineralized	N-AML	0.008	<0.5	15	104	2.26	19	438	1	<1	0.05	0.7	21	2.5	369	<0.5	9.4	1.37	7	<1	0.86	11	22	0.1	50	2.2	0.11	11.4	336	89
K-10-0266	E757301	84.45	85.85	QTZT	non-mineralized	N-AML	0.005	<0.5	12	104	1.38	9	203	<0.5	<1	0.27	2.1	9	2.5	488	1.9	6.8	1.14	<5	<1	0.41	5	14	0.1	153	3.9	0.07	10.8	203	21
K-10-0266	E757302	85.85	87.25	QTZT	non-mineralized	N-AML	<0.002	<0.5	9	32.8	0.54	2	76	<0.5	<1	1.2	1.2	11	1.3	366	0.6	3.9	0.64	<5	<1	0.14	6	2	0.65	102	3.4	0.02	5.4	98	<10
K-10-0266	E757304	89.47	90.65	TQTZT	non-mineralized	N-AML	<0.002	0.6	19	80.4	1.94	10	437	<0.5	<1	1.14	1.2	19	4	490	2.9	9.4	1.67	6	<1	0.7	10	9	0.16	273	3.8	0.06	16.8	601	25
K-10-0266	E757307	92.72	94.66	TQTZT	non-mineralized	N-AML	<0.002	0.7	23	100	2.51	12	634	0.7	<1	0.75	0.6	20	5.5	490	3.6	14.7	2.05	9	<1	1.05	11	9	0.33	266	3.8	0.1	23.3	452	41
K-10-0266	E757308	94.66	96.5	TQTZT	non-mineralized	N-AML	0.006	<0.5	8	152	1.07	7	199	<0.5	<1	0.71	1.7	13	3.9	501	1.5	5.2	1.17	<5	<1	0.29	7	8	0.15	735	3.8	0.02	13.9	224	18
K-10-0266	E757309	96.5	98.63	TQTZT	non-mineralized	N-AML	0.004	<0.5	9	73.8	2.54	12	553	0.6	<1	1.67	0.9	20	3.3	550	3.2	9.6	1.73	6	<1	0.74	11	9	0.21	223	3.5	0.1	16.6	464	32
K-10-0266	E757310	98.63	100.56	TQTZT	non-mineralized	N-AML	0.002	<0.5	15	73.1	2.71	26	848	1	<1	0.11	<0.5	23	2.8	391	4.9	13.8	2.2	11	<1	1.33	11	15	0.15	185	3.4	0.11	20.2	438	49
K-10-0266	E757312	101.28	102.58	QTZT	non-mineralized	N-AML	0.002	<0.5	15	46.5	0.51	17	105	<0.5	<1	0.08	0.6	11	1.7	455	0.7	4.3	0.66	<5	<1	0.19	6	2	0.03	229	4.2	0.01	7.1	110	12
K-10-0266	E757314	102.58	104.71	QTZT	non-mineralized	N-AML	<0.002	<0.5	5	74.3	0.55	4	85	<0.5	<1	0.26	0.8	11	2.2	699	0.6	3.4	0.79	<5	<1	0.14	5	2	0.04	469	5.3	<0.01	7.6	87	<10
K-10-0266	E757315	104.71	106.74	QTZT	non-mineralized	N-AML	0.005	4.2	18	238	0.54	28	110	<0.5	<1	0.08	3.6	13	1.8	548	0.8	4	0.71	<5	<1	0.18	7	2	0.03	824	3.7	0.01	6.7	120	13
K-10-0266	E757317	108.28	109.3	TQTZT	non-mineralized	N-AML	<0.002	38.1	61	1010	3.32	36	898	0.9	<1	0.09	9.2	28	5.2	654	8	20.8	2.55	10	<1	1.56	14	7	0.11	615	4.2	0.12	24.3	527	99
K-10-0266	E757319	109.3	110.26	QTZT	non-mineralized	N-AML	<0.002	65.1	217	2410	0.87	26	134	<0.5	<1	0.14	27.9	11	4.8	487	1.3	25.2	1.86	<5	<1	0.39	5	4	0.06	4710	4.6	0.01	17.2	247	37
K-10-0266	E757320	110.26	112.23	QTZT	non-mineralized	N-AML	0.005	15.5	149	1200	0.77	26	183	<0.5	<1	0.11	12.6	14	3.2	491	1.2	11	1.06	<5	<1	0.39	7	2	0.04	2930	4	0.02	11.3	188	25
K-10-0266	E757321	112.23	113.93	QTZT	non-mineralized	N-AML	0.01	11	219	1510	0.92	67	252	<0.5	<1	0.02	17.9	13	2.4	540	1.7	13.6	1.92	<5	<1	0.45	7	1	0.04	3230	3.8	0.02	9.8	154	24
K-10-0266	E757322	113.93	115.58	QTZT	non-mineralized	N-AML	0.019	18	102	2090	0.53	103	164	<0.5	<1	0.005	28.7	7	1.6	507	0.8	21.5	1.89	<5	<1	0.23	4	<1	0.02	5230	4.5	<0.01	6.6	72	12
K-10-0266	E757323	115.58	117.73	QTZT	mineralized	P-AML	0.043	54.5	74	36700	0.34	318	94	<0.5	<1	0.04	430	7	3.7	502	0.6	31.7	2.57	<5	1	0.11	3	1	0.05	10800	4.8	<0.01	8.2	65	<10
K-10-0266	E757325	117.73	119.58	QTZT	non-mineralized	N-AML	0.079	33.5	47	2570	0.24	355	72	<0.5	<1	0.005	42.4	8	1.7	501	0.6	14.6	0.87	<5	<1	0.09	4	<1	0.01	1530	4.3	<0.01	5.2	48	<10
K-10-0266	E757326	119.58	120.77	QTZT	non-mineralized	N-AML	0.005	3.5	19	1260	0.34	21	103	<0.5	<1	0.005	16.9	9	1.7	501	0.7	6	0.86	<5	<1	0.12	4	<1	0.02	3430	3.9	<0.01	5.4	52	<10
K-10-0266	E757327	120.77	121.92	QTZT	non-mineralized	N-AML	0.013	13.6	471	3510	1.95	56	585	0.7	<1	0.06	35.8	15	4.7	377	6.4	14	2	7	<1	1.04	8	5	0.08	5500	2.5	0.07	15.9	361	70
K-10-0266	E757328	121.92	123.75	QTZT	non-mineralized	N-AML	0.004	2.9	104	2460	1.63	32	275	<0.5	<1	0.53	32.7	18	4.1	424	2.7	5.8	2.58	<5	<1	0.69	8	4	0.29	8370	3	0.04	14.5	708	61
K-10-0266	E757329	123.75	124.72	QTZT	non-mineralized	N-AML	0.012	15.1	1110	4390	2.42	46	663	0.9	<1	0.16	71.5	12	5.7	332	4.4	10.4	3.48	9	<1	1.22	5	8	0.14	13600	4.1	0.09	23.7	444	78
K-10-0266	E757331	124.72	126.61	QTZT	non-mineralized	N-AML	0.009	7.5	260	3670	1.74	22	454	0.5	<1	0.14	45.7	11	4.8	524	3.5	6.3	4.19	5	<1	0.66	6	5	0.23	19300	3.4	0.08	22	477	40
K-10-0266	E757332	126.61	128.4	QTZT	non-mineralized	N-AML	0.035	5.1	190	1930	1.33	48	382	0.5	<1	0.26	31.5	13	2.7	514	2.1	9.2	3.28	<5	<1	0.55	7	4	0.21	12200	3	0.07	12.4	328	31
K-10-0266	E757335	130.27	131.66	QTZT	non-mineralized	N-AML	0.004	0.6	21	387	6.13	46	1340	1.8	<1	0.35	2.8	17	13.1	346	8.3	13	4.86	23	<1	2.68	8	14	0.41	2270	2.6	0.22	50	873	213
K-10-0266	E757351	153.66	155.73	ICQS	non-mineralized	P-AML	0.004	0.5	14	80.8	2.6	11	501	1.3	<1	0.49	<0.5	8	7.1	338	<0.5	12.1	2.12	11	2	1.22	5	31	0.23	211	0.7	0.14	33.8	549	84
K-10-0266	E757352	155.73	157.15	ICQS	non-mineralized	P-AML	0.011	<0.5	15	115	2.89	13	559	0.9	<1	0.74	<0.5	9	5.6	358	<0.5	9.5	2.09	8	2	0.99	5	16	0.28	331	1.5	0.12	26.5	503	70
K-10-0266	E757336	131.66	133.6	TQTZT	non-mineralized	P-AML	0.008	0.6	10	156	1.02	11	434	0.5	<1	0.11	1.5	7	3.6	522	2.4	15.9	1.31	5	<1	0.7	4	6	0.08	473	4	0.1	15.2	251	37
K-10-0266	E757337	133.6	135.72	QTZT	non-mineralized	N-AML	0.024	0.6	27	254	0.48	7	127	<0.5	<1	0.04	3.9	9	1.5	530	0.8	7.4	0.84	<5	<1	0.17	5	1	0.03	1270	4.4	0.01	6.5	174	12
K-10-0266	E757338	135.72	137.11	QTZT	non-mineralized	N-AML	0.006	0.6	70	231	0.52	10	129	<0.5	<1	0.06	5.8	8	1.6	509	0.8	5.9	0.81	<5	<1	0.17	4	1	0.02	443	3.6	0.01	6.4	299	10
K-10-0266	E757339	137.11	138.99	TQTZT	non-mineralized	N-AML	0.011	0.9	74	381	1.32	14	379	<0.5	<1	0.25	7.1	6	3.1	390	2.1	16.2	1.26	<5	<1	0.57	3	4	0.15	1460	3.3	0.05	11.4	269	29
K-10-0266	E757340	138.99	140.58	TQTZT	non-mineralized	P-AML	<0.002	0.6	15	191	3.92	11	782	1.4	<1	0.33	3	9	6.7	456	5.5	19.4	2.56	15	<1	1.35	4	21	0.34	430	3.3	0.24	29.9	506	65
K-10-0266	E757341	140.58	142.79	TQTZT	non-mineralized	N-AML	0.013	2.5	29	113	2	4	678	1.4	<1	0.08	1	3	5.6	364	<0.5	15	1.16	8	2	1.16	3	9	0.11	309	3.3	0.17	21.6	340	90
K-10-0266	E757342	142.79	144.5	QTZT	non-mineralized	N-AML	0.005	1.1	246	511	0.52	9	123	<0.5	<1	0.77	7.6	10	2.4	500	<0.5	1.4	1.59	<5	<1	0.2	6	<1	0.37	4740	2.1	0.02	8.6	225	17
K-10-0266	E757343	144.5	146.59	QTZT	non-mineralized	N-AML	0.004	<0.5	276	818	0.32	4	83	<0.5	<1	0.2	9.7	3	1	341	<0.5	2	2.52	<5	2	0.13	3	<1	0.26	13500	<0.5	<0.01	4.8	172	11
K-10-0266	E757344	146.59	147.14	TQTZT	non-mineralized	P-AML	0.007	5.4	170	385	3.94	19	750	2.3	<1	0.09	3.7	1	5.4	380	<0.5	20.3	2.46	15	2	2.24	<2	18	0.14	3750	2	0.27	31	1120	235
K-10-0266	E757345	147.14	148.13	QTZT	non-mineralized	N-AML	0.007	<0.5	26	203	0.51	15	119	<0.5	<1	0.03	3.1	6	2.5	542	<0.5	<0.5	1	<5	<1	0.21	4	<1	0.03	2610	4	0.01	8.9	165	16
K-10-0266	E757347	148.13	149.57	QTZT	non-mineralized	N-AML	0.005	<0.5	28	433	0.32	13	75	<0.5	<1	0.02	4.8	6	2.1	418	<0.5	1.8	0.8	<5	<1	0.14	4	<1	0.02	3080	3.3	<0.01	6.1	107	<10
K-10-0266	E757348	149.57	151.57	QTZT	non-mineralized	N-AML	0.003	<0.5	75	260	0.26	4	67	<0.5	<1	0.03	3.7	6	1.5	331	<0.5	1.4	0.56	<5	<1	0.11	4	<1	0.02	968	2.7	<0.01	4.1	134	<10
K-10-0266	E757350	151.57	153.66	QTZT	non-mineralized	N-AML	0.005	<0.5	19	127	0.51	7	113	<0.5	<1	0.09	0.9	7	2.8	347	<0.5	3.1	0.7	<5	<1	0.22	5	1	0.06	810	2.4	0.02	7.6	160	15
K-10-0266	E757353	157.15	159	QTZT	non-mineralized	N-AML	0.004	<0.5	4	48.8	0.39	2	72	<0.5	<1	0.19	<0.5	6	2.5	361	<0.5	1.8	0.57	<5	<1	0.15	4	3	0.06	292	3.1	<0.01	6.6	177	11
K-10-0266	E757355	159	160.32	QTZT	non-mineralized	N-AML	<0.002	<0.5	3	33.4	0.43	2	93	<0.5	<1	0.16	<0.5	6	2.8	386	<0.5	0.8	0.48	<5	<1	0.14	3	3	0.04	207	4	<0.01	6.5	133	<10
K-10-0266	E757356	160.32	161.7	QTZT	non-mineralized	N-AML	<0.002	<0.5	3	22.9	0.32	1	71	<0.5	<1	0.2	<0.5	3	1.9	296	<0.5	1	0.38	<5	<1	0.11	2	2	0.04	198	3.1	<0.01	4.4	108	<10
K-10-0266	E757357	161.7	163.56	QTZT	non-mineralized	N-AML	<0.002	<0.5	4	37.3	0.28	<1	66	<0.5	<1	0.24	<0.5	6	2.3	326	<0.5	<0.5	0.4	<5	<1	0.1	4	2	0.04	222	2.9	<0.01	5.7	119	<10
K-10-0266	E757359	165.67	166.42	TQTZT	non-mineralized	N-AML	0.005	0.6	17	97.5	4.14	5	433	1.5	<1	1.45	<0.5	14	6.8	267	<0.5	11.8	2.44	11	<1	1.38	7	21	0.36	360	1.1	0.16	33.7	607	66
K-10-0266	E757360	166.42	168.55	TQTZT	non-mineralized	N-AML	<0.002	0.6	16	80.3	2.83	7	369	1	1	1.22	0.6	17	7.3	440	<0.5	10.3	2.35	8	<1	0.8	9	21	0.42	268	1.8	0.1	32	565	40
K-10-0266	E757361	168.55	170.15	TQTZT	non-mineralized	N-AML	<0.002	<0.5	12	52.4	2.15	6	513	0.8	1	1.68	<0.5	14	5.8	402	<0.5	7.1	1.98	7	<1	0.61	8	22	0.34	215	2.2	0.09	18.2	827	25
K-10-0266	E757363	172.52	173.62	TQTZT	non-mineralized	N-AML	0.009	0.7	15	63	2.7	7	641	1.7	<1	1.25	<0.5	17	9.1	384	<0.5	9.7	2.06	11	<1	1.28	11	18	0.34	172	2.6	0.13	30.8	518	65
K-10-0266	E757364	173.62	175.49	TQTZT	non-mineralized	N-AML	0.003	<0.5	5	15.8	0.5	2	82	<0.5	<1	0.3	<0.5	9	2.5	383	<0.5	2.1	0.71	<5	<1	0.13	5	7	0.08	92	3	0.01	6.7	157	<10

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-10-0266	E757366	175.49	177.6	QTZT	non-mineralized	N-AML	0.003	2.4	7	10.9	0.41	2	91	<0.5	3	0.16	<0.5	8	2.2	342	<0.5	2.6	0.41	<5	<1	0.16	5	3	0.04	84	3.3	<0.01	4.8	135	<10
K-10-0266	E757367	177.6	179.4	QTZT	non-mineralized	N-AML	0.009	1	12	6.9	0.4	2	96	<0.5	<1	0.19	<0.5	6	2	389	<0.5	1.5	0.48	<5	<1	0.16	4	1	0.04	110	2.8	<0.01	4.8	124	<10
K-10-0266	E757368	179.4	181.49	QTZT	non-mineralized	N-AML	0.003	<0.5	4	6.4	0.28	1	70	<0.5	<1	0.23	<0.5	7	1.4	280	<0.5	1.2	0.33	<5	3	0.11	4	3	0.03	75	2.6	<0.01	3.6	113	<10
K-10-0266	E757369	181.49	183.7	QTZT	non-mineralized	N-AML	0.004	<0.5	4	9.7	0.3	1	72	<0.5	<1	0.22	<0.5	6	1.7	314	<0.5	<0.5	0.38	<5	<1	0.12	4	2	0.03	87	2.9	<0.01	4.5	141	<10
K-10-0266	E757371	183.7	185.76	QTZT	non-mineralized	N-AML	0.003	<0.5	3	11.9	0.26	2	63	<0.5	1	0.24	<0.5	7	2	407	<0.5	1.3	0.48	<5	<1	0.09	4	3	0.04	102	3.1	<0.01	5.6	174	<10
K-10-0266	E757372	185.76	187.15	QTZT	non-mineralized	N-AML	0.003	<0.5	4	12.4	0.41	<1	78	<0.5	<1	0.33	<0.5	9	2.1	182	<0.5	0.7	0.46	<5	<1	0.12	5	5	0.07	88	3	<0.01	5.7	155	<10
K-10-0266	E757373	187.15	188.52	TQTZT	non-mineralized	P-AML	0.009	0.7	17	92	2.06	10	520	1.7	<1	0.39	0.5	12	9.2	461	<0.5	25.8	1.89	11	2	1.56	8	15	0.23	322	3	0.13	31.3	550	89
K-10-0266	E757374	188.52	190.33	TQTZT	non-mineralized	N-AML	0.011	0.7	35	82.7	1.66	11	377	0.7	2	0.82	0.9	20	5.6	397	<0.5	7.1	2.05	6	<1	0.79	11	6	0.16	657	1.7	0.06	24.2	777	44
K-10-0266	E757376	190.33	191.7	QTZT	non-mineralized	N-AML	0.004	<0.5	23	29	0.32	1	86	<0.5	<1	0.14	<0.5	7	1.8	303	<0.5	1	0.36	<5	<1	0.13	4	<1	0.03	278	2.8	<0.01	4.2	121	<10
K-10-0266	E757377	191.7	193.6	QTZT	non-mineralized	N-AML	0.005	<0.5	5	18	0.36	2	80	<0.5	<1	0.14	<0.5	7	1.8	338	<0.5	2.9	0.5	<5	1	0.14	4	<1	0.04	175	2.2	<0.01	4.7	154	<10
K-10-0266	E757378	193.6	195.68	QTZT	non-mineralized	N-AML	0.004	<0.5	14	26.7	0.34	1	70	<0.5	<1	0.11	<0.5	7	1.7	256	<0.5	<0.5	0.33	<5	<1	0.14	4	<1	0.03	109	1.9	<0.01	3.6	121	<10
K-10-0266	E757379	195.68	196.8	QTZT	non-mineralized	N-AML	0.006	<0.5	22	61.4	0.28	3	61	<0.5	1	0.14	0.6	9	2.5	458	<0.5	<0.5	0.55	<5	<1	0.11	5	1	0.05	229	2.2	<0.01	6.5	166	<10
K-10-0266	E757380	196.8	197.32	TQTZT	non-mineralized	P-AML	0.013	<0.5	12	63.8	1.37	8	409	1.2	<1	0.36	<0.5	10	5.6	287	<0.5	6.2	1.66	7	<1	0.89	6	9	0.2	165	1.9	0.09	24.4	531	54
K-10-0266	E757381	197.32	199.48	TQTZT	non-mineralized	N-AML	0.01	<0.5	14	98	1.64	16	230	<0.5	<2	0.98	1.1		4	52		10	1.23	<10	<1	0.37	20		0.22	171	1	0.04	12	470	
K-10-0266	E757397	211.67	212.85	ICQS	non-mineralized	P-AML	<0.01	1.8	188	362	0.39	9	60	<0.5	<2	0.09	4.9		1	56		2	1.14	<10	<1	0.12	20		0.05	2600	2	0.01	4	220	
K-10-0266	E757398	212.85	214.58	ICQS	non-mineralized	P-AML	<0.01	0.5	36	85	0.39	6	60	<0.5	<2	0.26	1.3		2	55		4	0.8	<10	<1	0.11	20		0.05	202	2	0.01	4	230	
K-10-0266	E757382	199.48	201.11	QTZT	non-mineralized	N-AML	0.01	<0.5	10	98	0.36	5	60	<0.5	<2	0.35	0.8		2	58		2	0.49	<10	<1	0.09	10		0.09	289	2	0.01	5	130	
K-10-0266	E757383	201.11	203.14	QTZT	non-mineralized	N-AML	<0.01	<0.5	5	261	0.33	<5	60	<0.5	<2	3.2	0.8		3	25		1	0.37	<10	2	0.1	20		0.05	626	<1	0.01	5	120	
K-10-0266	E757385	205.29	206.05	QTZT	non-mineralized	N-AML	0.01	0.5	51	365	0.46	19	70	<0.5	2	0.25	6.9		1	43		4	0.64	<10	2	0.14	20		0.06	1000	1	0.01	6	150	
K-10-0266	E757387	206.05	206.88	QTZT	non-mineralized	N-AML	0.01	4.9	453	1030	0.66	18	110	<0.5	<2	0.3	17.5		2	51		4	0.97	<10	<1	0.21	20		0.08	1040	1	0.02	7	210	
K-10-0266	E757388	206.88	207.41	VM	mineralized	P-AML	<0.01	5.6	451	6630	0.29	56	50	<0.5	<2	0.03	114		2	36		7	1.8	<10	<1	0.09	10		0.05	4150	1	0.01	5	120	
K-10-0266	E757390	207.41	207.85	VM	mineralized	P-AML	0.03	18.5	899	57100	0.33	93	50	<0.5	<2	0.03	1000		4	36		23	1.66	<10	<1	0.1	10		0.03	2770	1	0.01	9	120	
K-10-0266	E757391	207.85	208.55	VM	mineralized	P-AML	0.08	81.9	10200	37700	2.3	371	280	0.5	2	0.09	601		5	60		17	3.74	10	<1	0.72	20		0.09	4420	<1	0.05	14	460	
K-10-0266	E757392	208.55	209.02	TQTZT	mineralized	P-AML	0.02	29.2	2600	14500	4.22	24	610	0.9	<2	0.23	210		5	97		12	1.61	10	2	1.35	20		0.09	2390	1	0.09	13	940	
K-10-0266	E757393	209.02	210.32	TQTZT	non-mineralized	P-AML	0.07	7.1	703	2570	5	149	860	1.1	<2	0.46	35.3		6	111		9	2.94	10	<1	1.52	20		0.28	3450	3	0.11	25	480	
K-10-0266	E757394	210.32	210.92	TQTZT	non-mineralized	P-AML	0.04	4.1	735	796	2.98	293	640	0.6	2	0.12	10		5	75		5	1.42	10	<1	0.99	20		0.09	1310	2	0.07	24	300	
K-10-0268	E773331	13.33	14.87	ICQS	non-mineralized	N-AML	<0.01	<0.5	19	171	7.87	90	590	1.2	<2	2.42	0.9		32	159		104	7.17	20	<1	1.02	20		2.53	945	2	0.19	80	710	
K-10-0266	E757399	214.58	216.43	TQTZT	non-mineralized	P-AML	0.01	1.3	17	115	5.86	29	350	1.7	<2	1.22	1		9	112		33	2.65	10	1	1.31	30		0.28	167	2	0.21	40	960	
K-10-0266	E757400	216.43	218.12	TQTZT	non-mineralized	N-AML	0.01	<0.5	10	30	1.33	11	250	<0.5	<2	0.87	<0.5		3	57		7	0.76	<10	<1	0.33	20		0.24	159	2	0.05	9	190	
K-10-0266	E757402	219.76	221.57	TQTZT	non-mineralized	N-AML	0.004	<0.5	11	79.8	2.87	7	606	1.4	<1	2.72	0.6	19	8	338	<0.5	2	1.29	7	<1	0.83	12	26	0.21	189	2.5	0.13	20.3	453	64
K-10-0266	E757403	221.57	223.57	TQTZT	non-mineralized	N-AML	<0.002	<0.5	5	17.4	0.48	3	111	<0.5	<1	1.18	<0.5	8	2.3	303	<0.5	1.7	0.71	<5	<1	0.13	5	9	0.33	434	2.6	0.01	7.2	140	11
K-10-0268	E773325	3.68	5.53	QTZT	non-mineralized	N-AML	<0.01	<0.5	25	474	0.57	10	80	<0.5	<2	0.04	5.6		2	56		8	0.51	<10	<1	0.16	10		0.02	465	2	0.02	5	80	
K-10-0268	E773326	5.53	7.42	QTZT	non-mineralized	N-AML	<0.01	0.5	44	102	0.53	34	100	<0.5	<2	0.005	1.2		2	54		5	0.45	<10	<1	0.17	10		0.01	376	1	0.02	4	80	
K-10-0268	E773327	7.42	9.3	QTZT	non-mineralized	N-AML	<0.01	<0.5	11	208	1.6	86	110	<0.5	<2	0.06	2		7	93		32	2.12	10	<1	0.23	10		0.21	618	2	0.03	22	230	
K-10-0268	E773328	9.3	11.05	QTZT	non-mineralized	N-AML	<0.01	<0.5	29	114	0.63	41	100	<0.5	<2	0.005	1		3	51		3	0.64	<10	<1	0.19	10		0.02	208	1	0.02	9	90	
K-10-0268	E773329	11.05	13.33	QTZT	non-mineralized	N-AML	0.02	<0.5	19	128	0.48	50	100	<0.5	<2	0.005	1		3	54		5	0.93	<10	<1	0.14	10		0.01	320	2	0.02	10	100	
K-10-0268	E773332	14.87	16.68	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	20	0.79	6	80	<0.5	<2	0.11	<0.5		3	72		10	0.66	<10	<1	0.09	10		0.07	102	2	0.08	7	110	
K-10-0268	E773334	16.68	17.49	QTZT	non-mineralized	N-AML	<0.01	<0.5	15	49	0.6	39	80	<0.5	<2	0.01	<0.5		2	43		7	0.87	<10	<1	0.14	10		0.03	137	1	0.03	8	90	
K-10-0268	E773335	17.49	18.38	TQTZT	non-mineralized	N-AML	<0.01	<0.5	17	72	2.19	44	220	0.6	<2	0.07	0.9		4	68		14	1.45	10	<1	0.51	10		0.11	150	2	0.08	16	340	
K-10-0268	E773337	18.38	20.12	TQTZT	non-mineralized	N-AML	<0.01	<0.5	9	22	0.95	9	100	<0.5	<2	0.11	<0.5		2	63		10	0.9	<10	<1	0.17	10		0.08	104	2	0.06	8	200	
K-10-0268	E773338	20.12	21.85	TQTZT	non-mineralized	N-AML	<0.01	<0.5	17	80	1.49	12	190	0.5	<2	0.08	0.9		2	78		9	1.25	10	<1	0.33	10		0.06	196	3	0.06	17	440	
K-10-0268	E773339	21.85	24.02	TQTZT	non-mineralized	N-AML	<0.01	<0.5	11	55	2.82	8	300	0.8	<2	0.05	0.5		4	69		12	1.81	10	<1	0.65	10		0.09	149	1	0.1	16	340	
K-10-0268	E773340	24.02	25.35	QTZT	non-mineralized	N-AML	<0.01	<0.5	4	22	0.63	<5	70	<0.5	<2	0.03	<0.5		1	62		3	0.51	<10	<1	0.14	10		0.03	89	2	0.02	4	110	
K-10-0268	E773341	25.35	27.08	QTZT	non-mineralized	N-AML	0.003	<0.5	6	61.3	0.44	12	99	<0.5	<1	0.02	<0.5	9	1.5	273	<0.5	4.4	0.47	<5	<1	0.15	5	13	0.02	84	2.4	0.01	5.8	107	<10
K-10-0268	E773342	27.08	29.26	QTZT	non-mineralized	N-AML	0.004	1.1	118	65.3	0.35	28	89	<0.5	<1	0.06	<0.5	10	1.4	344	<0.5	13.7	0.47	<5	<1	0.14	4	7	0.02	95	2.4	0.02	6.1	213	<10
K-10-0268	E773343	29.26	31.22	QTZT	non-mineralized	N-AML	0.002	<0.5	7	43.1	0.39	7	77	<0.5	<1	0.07	<0.5	14	1.5	298	<0.5	6.7	0.58	<5	<1	0.11	6	13	0.04	126	2.4	0.01	5.8	115	<10
K-10-0268	E773344	31.22	32.5	TQTZT	non-mineralized	N-AML	0.002	<0.5	15	62	2.05	16	440	1.1	<1	1.8	<0.5	21	5.1	284	2.3	20.8	1.86	7	<1	0.65	11	13	0.1	293	4.4	0.08	22.5	339	17
K-10-0268	E773346	32.5	34.23	TQTZT	non-mineralized	N-AML	0.005	<0.5	12	29.7	1.18	10	523	1.1	<1	0.06	<0.5	21	2.1	323	2.7	7.9	0.91	6	<1	0.72	12	25	0.05	89	2.6	0.12	9.9	213	31
K-10-0268	E773347	34.23	36.08	TQTZT	non-mineralized	N-AML	0.003	0.6	15	73.6	2.14	12	841	1.8	<1	0.28	<0.5	31	5.4	350	3	15.4	2.19	11	<1	1.12	16	24	0.12	193	2.3	0.11	25	367	34
K-10-0268	E773348	36.08	38.1	TQTZT	non-mineralized	N-AML	0.006	<0.5	10	51.2	1.3	16	493	0.9	<1	0.28	<0.5	22	4.2	352	2.1	10.9	1.28	6	<1	0.63	11	56	0.06	230	2.9	0.04	17.7	339	27
K-10-0268	E773349	38.1	39.5	TQTZT	non-mineralized	N-AML	0.01	<0.5	11	61.9	1.26	18	279	0.8	<1	0.3	<0.5	22	3.4	369	1.7	10	1.78	6	<1	0.57	11	52	0.08	210	2.7	0.03	15.5	1550	21
K-10-0268	E773351	39.5	40.96	TQTZT	non-mineralized	N-AML	<0.002	<0.5	7	51.3	0.75	11	151	<0.5	<1	0.12	<0.5	14	2.3	457	0.8	8.1	1.15	<5	<1	0.26	7	46	0.05	314	3.4	0.01	10.9	176	13
K-10-0268	E773352	40.96	42.73	QTZT	non-mineralized	N-AML	0.003	<0.5	11	55.6	0.31	17	84	<0.5	<1	0.99	0.6	11	2.7	355	<0.5	4.2	0.56	<5	<1	0.13	5	9	0.02	784	3.1	<0.01	6.9	81	<10
K-10-0268	E773353	42.73	45.16	QTZT	non-mineralized	N-AML	<0.002	0.5	10	51.7	0.42	6	81	<0.5	<1	0.07	<0.5	10	1.6	378	<0.5	4.5	0.43	<5	<1	0.18	5	11	0.04	160	3.3	<0.01	4.7	67	<10
K-10-0268	E773355	45.16	47	QTZT	non-mineralized	N-AML	0.004	4.8	383	33.4	0.41	7	97	<0.5	<1	0.02	1.1	12	1.6	335	<0.5	26	0.44	<5	<1	0.14	6	20	0.03	172	2.7	<0.01	6.1	75	<10
K-10-0268	E773357	48.45	50.17	QTZT	non-mineralized	N-AML	0.005	0.6	10	86	0.39	15	74	<0.5	<1	0.03	<0.5	9	3	374	0.5	4.4	0.56	<5	<1	0.16	4	8	0.03	414	3.2	<0.01	7.9	117	<10
K-10-0268	E773358	50.17	52.21	TQTZT	non-mineralized	N-AML	<0.002	0.8	15	131	2.47	15	521	1.1	<1	1.83	0.8	22	8.4	440	2	14.8	2.18	8	<1	0.8	12	10	0.22	954	3	0.05	29.2	418	22
K-10-0268	E773359	52.21	54	TQTZT	non-mineralized	N-AML	<0.002	0.5	8	34	1.36	4	257	0.6	<1	1.36	<0.5	21	3	355	1.3	8.8	1.05	<5	<1	0.36	11	5	0.07	328	2.5	0.02	14.2	217	16
K-10-0268	E773369	67.4	68.88	ICQS	non-mineralized	N-AML	<0.002	<0.5	13	77.9	2.48	8	711	1.8	<1	0.19	<0.5	27	7.1	459	2.8	13.7	1.76	12	<1	0.82	12	122	0.1	170	2.9	0.16	28.6	386	33
K-10-0268	E773371	68.88	70.3	ICQS	non-mineralized	N-AML	0.002	<0.5	14	107	2.74	15	677	1.7	<1	0.31	<0.5	28	8.9	307	2.7	19.3	3.41	12	<1	0.78	12	75	0.17	334	2.8	0.12	36.9	487	30
K-10-0268	E773360	54	55.93	TQTZT	non-mineralized	N-AML	0.003	<0.5	7	25.8	1.01	3	183	<0.5	<1	0.59	<0.5	19	2.4	331	1.1	7.1	0.82	<5	<1	0.28	9	8	0.06	166	1.9	0.01	10	160	12
K-10-0268	E773362	58.28	59.92	QTZT	non-mineralized	N-AML	<0.002	<0.5	6	24.8	0.46	3	89	<0.5	<1	0.67	<0.5	8	2.2	347	<0.5	4.9	0.63	<5	<1	0.09	4	27	0.19	218	2.9	0.02	8.4	168	<10
K-10-0268	E773363	59.92	61.52	QTZT	non-mineralized	N-AML	<0.002	<0.5	6	36	0.33	2	82	<0.5	<1	0.04	<0.5	6	2.1	397	<0.5	3.7	0.49	<5	<1	0.09	3	28	0.01	79	3.3	0.01	6.5	145	<10
K-10-0268	E773364	61.52	63.51	QTZT	non-mineralized	N-AML	<0.002	<0.5	14	59.2	0.64	4	107	<0.5	<1	0.34	<0.5	8	2.1	446	0.7	138	0.91	<5	<1	0.2	4	16	0.1	104	5.2	0.02	9	204	<10
K-10-0268	E773366	63.51	65.52	QTZT	non-mineralized	N-AML	<0.002	<0.5	5	21.5	0.35	3	77	<0.5	<1	0.7	<0.5	7	1.2	387	<0.5	4.2	0.6	<5	<1	0.09	3	15	0.17	142	2.9	0.01	6.4	97	<10
K-10-0268	E773367	65.52	66.18	TQTZT	non-mineralized	N-AML	<0.002	<0.5	10	68.4	1.43	6	308	0.8	<1	0.86	<0.5	18	6.5	373	1.2	9.8	2.03	<5	<1	0.3	9	42	0.13	508	2.6	0.05	21.3	439	12
K-10-0268	E773368	66.18	67.4	TQTZT	non-mineralized	N-AML	<0.002	<0.5	7	62.7	1.5	7	391	1.1	<1	0.26	<0.5	20	4.8	559	1.5	7.8	1.51	6	<1	0.42	10	82	0.08	276	3.6	0.08	18.4	354	17
K-10-0268	E773372	70.3	72.15	GSCH	non-mineralized	N-AML	<0.002	<0.5	26	153	5	12	1430	4.2	<1	0.38	<0.5	20	15.8	471	4.4	26	4.65	27	<1	1.69	9	99	0.39	444	2.7	0.24	65	852	37
K-10-0268	E773374	74.17	76.21	GSCH	non-mineralized	N-AML	<0.002	<0.5	29	132	4.89	13	1390	3.8	<1	0.61	<0.5	24	15.5	214	4.6	26.5	4.14	28	<1	1.78	10	127	0.54	366	1.2	0.26	62.1	872	33
K-10-0268	E773376	76.21	77.69	GSCH	non-mineralized	N-AML	<0.002	4.6	56	170	5.49	12	1580	4.7	<1	0.24	<0.5	21	18.9	224	8	28.8	4.68	33	<1	2.19	9	188	0.48	413	1.3	0.33	73.6	902	63
K-10-0268	E773377	77.69	79.13	GSCH	non-mineralized	N-AML	<0.002	<0.5	22	82.9	3.53	10	788	2.9	<1	0.4	<0.5	20	10.5	337	4.1	18.1	2.85	18	<1	1.16	9	105	0.36	240	2.7	0.21	39.6	602	41
K-10-0268	E773378	79.13	80.36	QTZT	non-mineralized	N-AML	0.005	<0.5	8	18.3	0.63	3	242	<0.5	<1	4.22	<0.5	8	1.8	220	1	6.6	2.39	<5	<1	0.19	4	20	1.43	645	1.6	0.03	9.9	311	11
K-10-0268	E773379	80.36	82.43	QTZT	non-mineralized	N-AML	<0.002	<0.5	9	32.1	0.5	2	128	<0.5	<1	0.45	<0.5	9	1.8	275	0.7	5.9	0.61	<5	<1	0.16	5	11	0.11	219	1.9	0.01	7.6	250	<10
K-10-0268	E773380	82.43	84.12	QTZT	non-mineralized	N-AML	0.004	<0.5	14	47.3	0.91	9	295	0.6	<1	0.06	<0.5	21	1.8	393	1.4	6.5	0.59	<5	<1	0.41	11	11	0.04	100	2.8	0.02	8.5	421	19
K-10-0268	E773381	84.12	85.94	QTZT	non-mineralized	N-AML	0.003	<0.5	14	46.4	0.33	3	86	<0.5	<1	0.04	<0.5	14	1.4	292	<0.5	3.7	0.4	<5	<1	0.13	7	4	0.02	140	2	<0.01	5.7	204	<10
K-10-0268	E773382	85.94	87.87	QTZT	non-mineralized	N-AML	<0.002	<0.5	12	32.6	0.54	2	55	<0.5	<1	0.07	<0.5	11	1.8	252	<0.5	3.7	0.38	<5	<1	0.23	5	6	0.04	142	2.4	0.01	4.8	135	<10
K-10-0268	E773383	87.87	89.52	QTZT	non-mineralized	N-AML	<0.002	<0.5	8	49.8	0.32	3	81	<0.5	<1	0.04	<0.5	12	1.2	283	<0.5	3.2	0.32	<5	<1	0.14	6	4	0.02	151	1.7	<0.01	4.8	194	<10

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-10-0268	E773384	89.52	91.3	QTZT	non-mineralized	N-AML	<0.002	<0.5	8	48.4	0.31	4	79	<0.5	<1	0.04	<0.5	13	1.1	278	<0.5	4.1	0.32	<5	<1	0.14	6	3	0.01	148	1.8	<0.01	6.4	223	<10
K-10-0268	E773386	91.3	93.41	QTZT	non-mineralized	N-AML	0.002	<0.5	18	25.1	0.1	4	68	<0.5	<1	18.2	<0.5	12	1.2	132	0.6	4.7	0.49	<5	<1	0.05	6	3	9.73	340	1.6	<0.01	5.8	179	<10
K-10-0268	E773387	93.41	94.96	TQTZT	non-mineralized	N-AML	0.003	<0.5	9	51.1	0.4	9	182	0.8	<1	0.03	0.7	17	2.3	301	1.9	7.9	0.37	<5	<1	0.16	9	17	0.02	51	2.3	0.01	11.7	422	24
K-10-0268	E773388	94.96	96.83	TQTZT	non-mineralized	N-AML	0.002	<0.5	8	87.8	1.3	6	323	1.4	<1	0.09	<0.5	14	3.1	347	2.4	11.9	1.03	6	<1	0.52	7	20	0.04	248	3.2	0.05	13.5	227	27
K-10-0268	E773390	96.83	98.7	TQTZT	non-mineralized	N-AML	<0.002	2.5	82	92.2	0.29	3	61	<0.5	<1	0.14	1.8	7	1.9	394	<0.5	51.3	0.47	<5	<1	0.1	3	7	0.06	171	2.7	<0.01	6.5	165	<10
K-10-0268	E773391	98.7	100.46	TQTZT	non-mineralized	N-AML	0.003	0.6	16	70.6	2.18	10	535	1.6	<1	0.18	<0.5	20	2.7	423	3.3	21.7	1.51	9	<1	0.9	11	36	0.17	138	2.7	0.08	18.1	803	34
K-10-0268	E773394	102.41	104.52	QTZT	non-mineralized	N-AML	0.003	<0.5	6	34.6	0.32	8	70	<0.5	<1	0.05	<0.5	7	1.2	368	<0.5	4.8	0.4	<5	<1	0.13	4	6	0.02	42	3	<0.01	4.6	137	<10
K-10-0268	E773395	104.52	106.26	QTZT	non-mineralized	N-AML	<0.002	<0.5	6	27.6	0.32	6	73	<0.5	<1	0.04	<0.5	9	1	282	<0.5	4.1	0.34	<5	<1	0.12	4	6	0.02	59	2.2	<0.01	5.1	168	<10
K-10-0268	E773396	106.26	108.24	QTZT	non-mineralized	N-AML	<0.002	<0.5	6	39.5	0.33	4	70	<0.5	<1	0.84	<0.5	10	1.2	294	<0.5	4.1	0.6	<5	<1	0.11	5	11	0.2	226	2	<0.01	5.8	186	<10
K-10-0268	E773397	108.24	110	QTZT	non-mineralized	N-AML	0.011	<0.5	7	29.3	0.56	4	105	<0.5	<1	0.14	<0.5	11	1.7	331	0.6	5.8	0.62	<5	<1	0.16	6	11	0.06	83	2.4	0.01	8.7	259	<10
K-10-0268	E773398	110	111.65	TQTZT	non-mineralized	P-AML	0.003	0.6	14	74.4	2.27	7	611	2	<1	0.45	<0.5	15	6.7	303	3.2	37.5	1.69	11	<1	1.07	7	24	0.3	173	2.3	0.1	29.2	534	34
K-10-0268	E773400	113.85	115.86	TQTZT	non-mineralized	P-AML	<0.002	0.8	14	73.9	2.46	3	526	2	<1	0.48	<0.5	9	7.7	329	3	13.4	2.27	12	<1	0.96	4	32	0.3	177	2.6	0.21	29.5	572	32
K-10-0268	E773401	115.86	117.7	TQTZT	non-mineralized	P-AML	0.003	<0.5	9	67.3	2.53	3	537	0.9	<1	0.6	<0.5	19	6.3	397	3.9	15.4	2.17	8	<1	0.87	9	18	0.36	214	3.9	0.18	26.7	310	56
K-10-0268	E773402	117.7	119.78	TQTZT	non-mineralized	N-AML	0.013	<0.5	5	44.5	1.13	2	267	<0.5	<1	0.44	<0.5	9	3.1	404	1.4	8	1.17	<5	<1	0.38	4	16	0.18	120	3.9	0.05	13.4	439	16
K-10-0268	E773403	119.78	121.66	TQTZT	non-mineralized	N-AML	0.003	<0.5	19	50.4	0.95	2	316	<0.5	<1	0.16	<0.5	11	3.2	523	1.3	37.5	1.15	<5	<1	0.47	5	13	0.22	94	3.8	0.04	13.2	238	18
K-10-0268	E773404	121.66	122.53	TQTZT	non-mineralized	N-AML	0.004	<0.5	7	61.3	1.9	3	669	0.9	<1	0.17	<0.5	14	3.3	447	2.9	13.8	1.37	9	<1	1.01	7	18	0.26	110	3.8	0.1	19.5	260	47
K-10-0268	E773405	122.53	123.42	QTZT	non-mineralized	N-AML	0.003	<0.5	2	25.6	0.39	3	75	<0.5	<1	0.05	<0.5	7	1.8	563	<0.5	2.7	0.66	<5	<1	0.11	3	6	0.04	60	4.5	<0.01	7.7	157	<10
K-10-0268	E773407	123.42	125.49	QTZT	non-mineralized	N-AML	0.005	<0.5	3	15	0.34	2	80	<0.5	<1	0.09	<0.5	6	1.3	332	<0.5	2.1	0.38	<5	<1	0.13	3	2	0.03	52	2.9	<0.01	5.4	148	<10
K-10-0268	E773408	125.49	127.36	QTZT	non-mineralized	N-AML	<0.002	<0.5	3	14.7	0.35	1	70	<0.5	<1	0.17	<0.5	8	1.1	224	<0.5	4.1	0.29	<5	<1	0.13	4	3	0.06	44	2.4	<0.01	3.7	139	<10
K-10-0268	E773409	127.36	129.21	QTZT	non-mineralized	N-AML	0.004	<0.5	3	18.5	0.33	6	64	<0.5	<1	0.08	<0.5	8	1.4	362	<0.5	2.3	0.41	<5	<1	0.12	4	4	0.03	52	2.7	<0.01	4.9	137	<10
K-10-0268	E773411	129.21	131.08	QTZT	non-mineralized	N-AML	<0.002	<0.5	4	23.6	0.38	2	80	<0.5	<1	0.13	<0.5	11	1.4	249	<0.5	3.7	0.39	<5	<1	0.14	6	5	0.04	65	2.9	<0.01	5.5	152	<10
K-10-0268	E773412	131.08	132.79	QTZT	non-mineralized	P-AML	0.002	<0.5	11	21.9	0.57	3	165	<0.5	<1	0.07	<0.5	9	2.8	600	0.7	4.9	1.27	<5	<1	0.23	4	11	0.04	66	3.4	0.02	10.2	203	<10
K-10-0268	E773413	132.79	134.66	QTZT	non-mineralized	N-AML	0.003	<0.5	5	30	0.77	3	158	<0.5	<1	0.17	<0.5	7	2.4	318	0.8	9.4	0.71	<5	<1	0.24	4	7	0.11	90	2.4	0.03	9.7	174	10
K-10-0268	E773419	142.04	143.61	ICQS	non-mineralized	P-AML	0.003	1	425	112	4.48	3	841	2	<1	0.65	1.3	13	12.2	505	4.4	75.6	4.16	18	<1	1.8	6	18	0.54	300	3.9	0.29	50.6	1090	57
K-10-0268	E773414	134.66	136.65	QTZT	non-mineralized	N-AML	<0.002	<0.5	3	13.8	0.44	1	118	<0.5	<1	2.09	<0.5	7	1.6	437	<0.5	2.8	1.05	<5	<1	0.15	3	2	0.71	258	3.2	0.02	7	192	<10
K-10-0268	E773415	136.65	138.78	QTZT	non-mineralized	N-AML	<0.002	<0.5	2	9.1	0.3	<1	74	<0.5	<1	4.88	<0.5	6	1.4	410	<0.5	2	1.74	<5	<1	0.09	3	3	1.66	464	2.7	0.03	6.2	232	<10
K-10-0268	E773417	139.72	142.04	TQTZT	non-mineralized	P-AML	0.002	<0.5	6	37.1	1.42	1	272	<0.5	<1	0.52	<0.5	9	5	387	1.4	7.4	1.64	<5	<1	0.38	4	10	0.23	131	3.2	0.09	18.2	309	18
K-10-0268	E773420	143.61	145.08	TQTZT	non-mineralized	P-AML	<0.002	0.6	82	41	1.2	1	215	<0.5	<1	0.53	<0.5	7	3.5	503	1	10.6	1.44	<5	<1	0.23	4	11	0.19	210	5	0.08	15.5	261	12
K-10-0268	E773421	145.08	147.25	TQTZT	non-mineralized	N-AML	0.002	0.5	4	15.3	0.35	<1	87	<0.5	<1	4.11	<0.5	7	1.6	307	<0.5	4.3	1.54	<5	<1	0.1	4	7	1.47	413	2.6	0.02	11.7	392	<10
K-10-0268	E773422	147.25	149.21	TQTZT	non-mineralized	N-AML	<0.002	<0.5	5	40	1.61	<1	161	<0.5	<1	2.14	<0.5	9	8.7	552	0.7	39.9	2.23	<5	<1	0.17	4	22	0.76	397	3.8	0.03	21.4	303	<10
K-10-0268	E773423	149.21	151.35	TQTZT	non-mineralized	N-AML	0.002	<0.5	9	59.5	2	1	641	1.1	<1	1.01	<0.5	13	6.3	465	2.4	12.5	2.11	9	<1	0.83	6	14	0.42	216	3.5	0.17	26	413	20
K-10-0268	E773424	151.35	153.18	GSCH	non-mineralized	P-AML	0.007	0.6	16	90.6	1.89	3	895	1.8	<1	0.31	<0.5	10	11	411	4.3	25.3	2.83	16	<1	1.31	4	25	0.33	221	3.9	0.3	46.5	665	40
K-10-0268	E773426	153.18	155.15	TQTZT	non-mineralized	P-AML	0.005	<0.5	11	63.7	1.21	2	582	0.8	<1	0.44	<0.5	7	5.1	520	2.3	20.1	1.65	7	<1	0.71	3	15	0.29	170	5.6	0.12	28	195	23
K-10-0268	E773427	155.15	157.28	TQTZT	non-mineralized	N-AML	0.003	<0.5	10	61.3	2	2	448	0.7	<1	1.7	<0.5	10	4.2	433	2.4	13.8	1.67	5	<1	0.52	5	25	0.44	320	5.6	0.09	20.6	415	25
K-10-0268	E773428	157.28	159.13	TQTZT	non-mineralized	N-AML	<0.002	<0.5	10	36.6	1.61	2	434	<0.5	<1	4.8	<0.5	10	2.9	268	1.6	6.2	1.87	<5	<1	0.42	6	21	0.56	435	2.4	0.05	13.3	663	19
K-10-0268	E773429	159.13	160.54	TQTZT	non-mineralized	N-AML	<0.002	<0.5	4	11.8	0.47	<1	115	<0.5	<1	8.34	<0.5	6	1.2	169	<0.5	2.5	0.92	<5	<1	0.11	3	9	0.25	349	1.7	0.01	5.4	1140	<10
K-10-0268	E773431	160.54	161.43	GSCH	non-mineralized	P-AML	0.041	0.6	14	105	2.27	4	292	1.7	<1	0.51	0.7	8	8.7	620	4.3	18.6	2.41	13	<1	1.49	3	195	0.21	141	3.9	0.17	37.3	1120	64
K-10-0268	E773432	161.43	163.67	QTZT	non-mineralized	N-AML	0.003	<0.5	8	28.5	0.71	1	171	<0.5	<1	2.2	<0.5	7	1.9	365	0.8	6.3	1.1	<5	<1	0.17	4	37	0.38	287	3.6	0.02	9	480	<10
K-10-0268	E773433	163.67	164.52	GSCH	non-mineralized	P-AML	0.007	0.9	18	141	2.39	8	292	2.1	<1	0.35	0.5	9	10.4	484	6.2	30.5	3.04	18	<1	1.73	4	40	0.27	188	6.4	0.19	53.4	1080	55
K-10-0268	E773436	165.14	167.23	GSCH	non-mineralized	P-AML	0.003	0.8	29	109	4.27	4	836	1.8	<1	0.68	0.5	7	10.7	412	6.3	26.1	3.23	18	<1	1.45	3	32	0.52	295	3	0.18	44.4	580	49
K-10-0268	E773437	167.23	169.05	GSCH	non-mineralized	P-AML	0.004	0.5	18	81.4	3.64	3	642	1.5	<1	0.71	<0.5	6	9.5	433	4.8	16.9	2.84	14	<1	1.1	2	32	0.49	278	3.9	0.14	39.6	465	47
K-10-0268	E773438	169.05	170.51	QTZT	non-mineralized	N-AML	0.003	<0.5	6	28.6	0.68	2	139	<0.5	<1	0.88	<0.5	5	2.8	463	0.9	11.8	1.25	<5	<1	0.15	2	6	0.31	199	8	0.02	18.9	81	<10
K-10-0268	E773439	170.51	172.67	QTZT	non-mineralized	N-AML	<0.002	<0.5	5	35.2	1.34	1	254	<0.5	<1	0.54	<0.5	5	2.6	554	1.7	10.1	1.17	<5	<1	0.3	2	11	0.25	152	5.9	0.04	14.4	204	14
K-10-0268	E773440	172.67	174.75	QTZT	non-mineralized	N-AML	0.002	<0.5	7	45.7	2.37	2	507	0.7	<1	0.88	<0.5	9	4.4	461	3.1	9.5	1.48	7	<1	0.65	4	36	0.41	196	4.5	0.11	19.7	220	27
K-10-0268	E773441	174.75	176.95	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	8	0.33	6	40	<0.5	<2	0.27	<0.5		1	49		2	0.54	<10	<1	0.05	10		0.1	57	3	0.01	3	60	
K-10-0268	E773442	176.95	178.56	QTZT	non-mineralized	N-AML	<0.01	<0.5	3	15	0.69	9	80	<0.5	<2	0.32	<0.5		2	56		3	0.69	<10	<1	0.09	10		0.14	56	2	0.01	6	100	
K-10-0268	E773443	178.56	179.62	GSCH	non-mineralized	P-AML	<0.01	0.6	18	70	6.64	27	1170	1.9	<2	0.43	<0.5		8	138		30	1.9	20	<1	1.55	20		0.29	111	5	0.26	38	350	
K-10-0268	E773444	179.62	181.23	QTZT	non-mineralized	P-AML	<0.01	<0.5	9	25	0.8	11	30	<0.5	<2	0.66	<0.5		2	47		4	1.35	<10	<1	0.04	10		0.28	106	2	0.01	11	130	
K-10-0268	E773445	181.23	182.9	QTZT	non-mineralized	N-AML	<0.01	<0.5	6	26	1.02	6	100	<0.5	<2	0.32	<0.5		2	59		3	0.88	<10	<1	0.14	10		0.2	62	3	0.02	9	130	
K-10-0268	E773447	182.9	184.61	GSCH	non-mineralized	P-AML	0.02	1.2	17	114	6.6	40	1000	1.7	<2	0.73	0.6		9	128		41	3.24	20	<1	1.47	20		0.47	211	7	0.16	52	710	
K-10-0268	E773448	184.61	186.27	TQTZT	non-mineralized	P-AML	0.01	0.6	8	32	1.78	15	250	0.5	<2	0.48	<0.5		4	59		7	1.15	<10	<1	0.35	10		0.22	85	2	0.04	14	190	
K-10-0268	E773451	188.15	191.37	TQTZT	non-mineralized	N-AML	0.01	0.6	14	44	3.47	24	550	0.9	<2	1.9	<0.5		6	72		9	1.66	10	<1	0.82	20		0.54	148	2	0.1	18	370	
K-10-0268	E773452	191.37	193.1	QTZT	non-mineralized	N-AML	0.01	0.5	5	11	0.36	10	80	<0.5	2	1.24	<0.5		1	68		3	0.79	<10	<1	0.11	10		0.44	196	4	0.01	2	90	
K-10-0268	E773453	193.1	194.77	QTZT	non-mineralized	N-AML	0.01	<0.5	3	26	0.3	5	70	<0.5	<2	6.38	<0.5		2	24		<1	2.06	<10	<1	0.07	10		2.4	558	1	0.01	1	110	
K-10-0268	E773455	194.77	196.12	QTZT	non-mineralized	N-AML	<0.01	1.8	111	151	0.39	11	80	<0.5	<2	1.95	1.8		2	51		4	1	<10	<1	0.12	10		0.67	356	3	0.01	4	110	
K-10-0268	E773456	196.12	198.04	QTZT	non-mineralized	P-AML	0.02	1.3	116	396	0.47	450	130	<0.5	<2	0.11	4.9		<1	39		3	0.68	<10	<1	0.14	10		0.06	591	2	0.02	5	120	
K-10-0268	E773458	199.03	201.04	QTZT	non-mineralized	P-AML	0.06	1	45	113	1.6	55	330	<0.5	3	0.4	1.4		3	81		9	1.36	10	<1	0.54	10		0.15	321	3	0.05	15	150	
K-10-0268	E773459	201.04	201.45	SM	non-mineralized	P-AML	0.01	1.1	310	1070	0.37	29	100	<0.5	<2	0.5	12.5		1	48		2	0.93	<10	<1	0.13	10		0.12	1840	2	0.01	3	60	
K-10-0268	E773460	201.45	203.14	QTZT	non-mineralized	N-AML	<0.01	0.5	57	108	0.39	14	110	<0.5	<2	0.07	1.3		<1	67		1	0.47	<10	<1	0.14	10		0.03	479	3	0.01	2	80	
K-10-0268	E773461	203.14	205.04	QTZT	non-mineralized	N-AML	0.02	0.9	52	204	0.36	52	70	<0.5	<2	4.76	2.2		1	30		6	1.44	<10	<1	0.13	10		0.2	1340	1	0.01	4	530	
K-10-0268	E773463	206.98	208.74	QTZT	non-mineralized	N-AML	<0.01	0.5	42	135	0.49	<5	90	<0.5	<2	0.1	1.7		<1	50		2	0.41	<10	<1	0.17	10		0.05	481	2	0.01	2	70	
K-10-0268	E773464	208.74	210.77	QTZT	non-mineralized	P-AML	<0.01	1.7	58	251	0.54	<5	100	<0.5	<2	0.26	3		2	55		5	0.74	<10	<1	0.19	10		0.06	599	2	0.01	5	90	
K-10-0268	E773465	210.77	212.27	QTZT	non-mineralized	P-AML	0.01	2.1	116	386	1.85	16	310	<0.5	<2	0.22	4.6		3	61		6	1.52	<10	<1	0.64	10		0.16	1400	1	0.04	15	170	
K-10-0268	E773466	212.27	214.49	TQTZT	non-mineralized	P-AML	0.01	4	330	321	2.79	15	550	0.7	<2	0.16	3.8		3	72		12	1.33	10	<1	0.98	20		0.16	1570	3	0.07	16	220	
K-10-0268	E773468	214.49	215.38	TQTZT	non-mineralized	P-AML	0.02	2.9	169	726	1.81	24	390	<0.5	<2	0.36	8.5		4	58		8	2.23	10	<1	0.62	10		0.17	4700	2	0.04	14	240	
K-10-0268	E773469	215.38	217.55	TQTZT	non-mineralized	P-AML	0.01	4.8	513	1010	2.24	44	630	<0.5	<2	0.23	12.2		6	66		7	2.98	10	<1	0.76	20		0.15	6290	1	0.06	17	450	
K-10-0268	E773470	217.55	219.01	TQTZT	non-mineralized	P-AML	<0.01	3.4	176	324	3.3	21	740	0.8	<2	0.27	4.1		5	78		7	1.84	10	<1	1.13	20		0.14	2490	1	0.08	18	580	
K-10-0268	E773472	219.01	220.55	QTZT	non-mineralized	P-AML	0.01	2.1	518	1030	0.59	8	80	<0.5	<2	0.42	13.4		1	44		3	1.33	<10	<1	0.19	10		0.09	3440	2	0.01	5	240	
K-10-0268	E773473	220.55	222.78	QTZT	non-mineralized	P-AML	<0.01	2.8	492	1590	1.44	13	230	<0.5	<2	0.27	20.5		2	61		4	1.56	<10	<1	0.5	10		0.13	3490	2	0.03	10	330	
K-10-0268	E773474	222.78	224.47	QTZT	non-mineralized	P-AML	0.01	2.6	641	1180	0.74	21	130	<0.5	<2	0.11	17		1	46		4	1.66	<10	<1	0.25	10		0.08	4040	1	0.02	7	240	
K-10-0268	E773476	224.47	226.69	QTZT	non-mineralized	P-AML	<0.01	0.9	155	323	0.4	7	60	<0.5	<2	0.08	4.1		1	42		6	1.31	<10	<1	0.14	10		0.1	3170	1	0.01	4	130	
K-10-0268	E773477	226.69	227.15	GSCH	non-mineralized	P-AML	0.02	3.9	405	935	7.26	100	640	1.8	<2	0.28	11.6		13	151		12	3.42	20	<1	2.65	30		0.22	2800	2	0.22	44	1020	
K-10-0268	E773478	227.15	229.04	QTZT	non-mineralized	P-AML	<0.01	0.7	49	303	0.82	15	130	<0.5	<2	0.09	4.1		2	52		3	1.49	<10	<1	0.28	10		0.06	3960	2	0.02	7	230	
K-10-0268	E773479	229.04	229.77	QTZT	non-mineralized	N-AML	0.01	<0.5	22	50	0.26	16	60	<0.5	<2	0.14	0.9		1	60		2	1.22	<10	<1	0.09	10		0.09	3030	2	0.01	4	80	
K-10-0268	E773480	229.77	230.4	QTZT	non-mineralized	N-AML	<0.01	<0.5	9	31	0.28	10	60	<0.5	<2	0.04	0.5		<1	41		1	1.37	<10	<1	0.1	10		0.04	3660	1	0.01	3	80	
K-10-0268	E773481	230.4	230.81	QTZT	non-mineralized	N-AML	<0.01	<0.5	32	111	0.44	8	70	<0.5	<2	0.03	1.5		2	64		2	0.55	<10	<1	0.15	10		0.02	398	2	0.01	3	120	
K-10-0268	E773482	230.81	231.51	QTZT	non-mineralized	N-AML	<0.01	<0.5	37	72	0.31	<5	70	<0.5	<2	0.03	1.1		1	45		1	0.34	<10	<1	0.11	10		0.01	305	2	0.01	2	90	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-10-0268	E773483	231.51	232.42	QTZT	non-mineralized	N-AML	<0.01	<0.5	7	15	0.29	<5	60	<0.5	2	0.03	<0.5		1	48		2	0.42	<10	<1	0.1	10		0.01	270	2	0.01	3	90	
K-10-0268	E773484	232.42	232.72	QTZT	non-mineralized	N-AML	0.01	20.7	3280	10	0.28	<5	60	<0.5	3	0.24	0.5		1	41		3	0.39	<10	<1	0.1	10		0.02	447	1	0.01	1	90	
K-10-0268	E773485	232.72	233.48	QTZT	non-mineralized	N-AML	0.01	3.2	1310	3960	0.35	<5	60	<0.5	<2	2.57	48.5		<1	45		1	5.4	<10	<1	0.12	10		1.38	17450	1	0.01	<1	140	
K-10-0268	E773487	233.48	234.17	QTZT	mineralized	P-AML	0.01	5.2	2050	6180	0.23	5	50	<0.5	<2	5.45	79.3		1	28		6	3.76	<10	<1	0.08	10		2.2	8330	1	0.01	<1	130	
K-10-0268	E773488	234.17	234.49	QTZT	mineralized	P-AML	0.01	25.8	3420	11750	0.2	7	50	<0.5	<2	0.42	136.5		2	36		26	8.54	10	<1	0.07	10		1.01	32300	1	0.01	2	70	
K-10-0268	E773489	234.49	235.12	QTZT	non-mineralized	P-AML	0.02	74.8	832	1020	0.25	35	50	<0.5	3	0.21	13.8		<1	40		81	7.9	10	<1	0.09	10		0.48	31000	1	0.01	5	150	
K-10-0268	E773496	240.76	242.3	QTZT	non-mineralized	N-AML	<0.01	0.9	21	75	0.59	8	140	<0.5	<2	0.36	0.9		1	52		3	0.49	<10	<1	0.2	10		0.14	384	1	0.02	4	80	
K-10-0268	E773498	243.67	244.32	QTZT	non-mineralized	P-AML	<0.01	1.8	199	45	3.09	11	480	0.7	<2	0.4	<0.5		5	73		14	1.68	10	<1	0.79	20		0.28	240	<1	0.13	20	280	
K-10-0268	E773499	244.32	245.67	QTZT	non-mineralized	P-AML	0.02	<0.5	10	53	2.93	16	400	0.8	<2	0.4	<0.5		4	75		6	1.46	10	<1	0.67	20		0.21	201	<1	0.17	17	410	
K-10-0268	E773500	245.67	247.5	QTZT	non-mineralized	N-AML	0.01	0.5	31	130	0.69	9	100	<0.5	<2	0.44	1.4		1	62		2	0.63	<10	<1	0.22	10		0.13	476	2	0.03	5	100	
K-10-0269	E757404	63.84	67.51	QTZT	non-mineralized	N-AML	0.006	0.9	112	272	0.37	45	114	<0.5	1	0.02	3	7	1.5	213	<0.5	1.8	0.72	<5	1	0.19	3	<1	0.01	513	2.1	0.01	3.5	102	11
K-10-0269	E757405	67.51	68.85	VN	non-mineralized	N-AML	0.201	2.9	293	411	3.43	1320	1220	0.9	<1	0.04	5.6	9	0.9	366	<0.5	3.3	4.2	10	<1	1.69	4	4	0.08	98	<0.5	0.1	5.3	810	178
K-10-0269	E757406	68.85	70.5	VN	non-mineralized	N-AML	0.016	2	331	733	1.18	97	328	<0.5	<1	0.02	2.5	8	1.5	452	<0.5	4.3	2.97	<5	<1	0.61	4	2	0.03	2110	<0.5	0.03	9.1	546	62
K-10-0269	E757407	70.5	71.93	TQTZT	non-mineralized	N-AML	0.005	3.9	227	805	2.19	38	860	1.6	<1	0.11	12.5	15	3	279	<0.5	17.3	2.18	10	7	1.96	9	8	0.12	1430	1	0.12	12.5	771	261
K-10-0269	E757409	75.41	76.86	QTZT	non-mineralized	N-AML	0.011	2	285	212	0.45	31	138	<0.5	<1	0.01	2	6	1.7	427	<0.5	2.3	0.7	<5	<1	0.22	3	<1	0.01	155	2.8	0.02	4.6	97	14
K-10-0269	E757410	76.86	78.73	QTZT	non-mineralized	N-AML	0.008	1.3	133	169	0.42	23	106	<0.5	<1	0.02	1.4	6	1	299	<0.5	2.5	0.75	<5	1	0.18	3	<1	0.01	600	2.6	0.01	3.6	111	12
K-10-0269	E757411	78.73	80.57	QTZT	non-mineralized	N-AML	0.024	1.8	198	207	0.48	239	172	<0.5	<1	0.02	2.2	7	1.3	223	<0.5	2	1.02	<5	<1	0.27	4	<1	0.01	519	1.6	0.02	3.3	135	17
K-10-0269	E757412	80.57	82.38	QTZT	non-mineralized	N-AML	0.008	1	86	140	0.39	58	98	<0.5	<1	0.01	0.5	10	1.5	423	<0.5	<0.5	1.05	<5	<1	0.15	5	<1	0.01	130	2.6	<0.01	3.9	99	11
K-10-0269	E757414	105.66	106.44	TQTZT	non-mineralized	N-AML	0.014	<0.5	66	440	0.49	9	92	<0.5	<1	0.1	5.4	9	2.4	355	<0.5	4.1	0.65	<5	<1	0.19	5	2	0.04	576	2.4	0.01	8.9	91	12
K-10-0269	E757415	106.44	108.2	TQTZT	non-mineralized	N-AML	0.012	2.3	812	3000	0.4	12	92	<0.5	2	0.04	120	7	1.1	364	<0.5	38.3	1.89	<5	<1	0.16	5	<1	0.1	8630	0.9	<0.01	7.4	101	12
K-10-0269	E757416	108.2	109.46	TQTZT	non-mineralized	P-AML	0.014	0.7	134	854	1.32	19	301	<0.5	2	0.74	16.3	10	4.4	609	<0.5	11.8	1.66	<5	<1	0.55	6	5	0.3	1430	2.3	0.04	20	283	48
K-10-0269	E757418	228.82	230.43	TQTZT	non-mineralized	P-AML	0.01	3.3	175	459	3.41	18	580	0.9	<2	0.32	5.1		4	92		11	1.55	10	3	1.07	20		0.16	850	2	0.1	19	250	
K-10-0269	E757419	230.43	231.17	TQTZT	non-mineralized	P-AML	<0.01	3.2	469	844	0.75	40	130	<0.5	3	0.14	11.1		3	46		3	5.3	<10	1	0.24	20		0.23	18750	1	0.02	5	150	
K-10-0269	E773722	231.17	231.75	VM	mineralized	P-AML	0.08	2160	82100	84700	0.22	66	100	<0.5	3	0.17	1000		4	8		867	12.4	10		0.08	<10		0.29	44900	<1	0.01	3	40	
K-10-0269	E757421	231.75	232.1	VM	mineralized	P-AML	0.29	208	5610	12250	0.18	35	50	<0.5	3	1.1	136		4	18		120	11.7	10	3	0.05	10		0.69	46200	<1	0.01	9	40	
K-10-0269	E757422	232.1	232.43	VM	mineralized	P-AML	0.25	2100	16350	20200	0.36	29	30	<0.5	7	0.18	278		3	16		1060	17	10	6	0.11	10		0.48	64400	<1	0.01	6	110	
K-10-0269	E757423	232.43	233.48	VM	non-mineralized	P-AML	0.03	131	4560	1450	1.47	32	220	<0.5	<2	0.23	19.8		5	36		64	9.37	10	<1	0.47	20		0.33	32900	<1	0.04	10	270	
K-10-0269	E757424	233.48	234.1	QTZT	mineralized	P-AML	0.01	34.6	7080	815	2.22	17	430	0.6	<2	0.15	10.5		4	59		8	2.83	10	<1	0.74	20		0.12	6960	1	0.06	13	450	
K-10-0269	E757425	234.1	234.47	QTZT	non-mineralized	N-AML	0.01	8.6	182	336	0.32	6	80	<0.5	<2	0.08	4.3		2	22		4	1.52	<10	<1	0.11	20		0.05	4080	<1	0.01	3	200	
K-10-0269	E757427	235.37	236.62	TQTZT	non-mineralized	P-AML	<0.01	1.9	485	1140	0.47	10	80	<0.5	<2	0.14	13.6		2	51		3	1.77	<10	<1	0.17	20		0.08	4600	2	0.01	6	220	
K-10-0269	E757429	236.62	237.37	TQTZT	non-mineralized	N-AML	<0.01	2.1	498	1110	0.39	<5	30	<0.5	<2	0.8	12		1	33		13	0.56	<10	<1	0.14	20		0.07	1280	1	0.01	4	230	
K-10-0269	E757430	237.37	237.96	TQTZT	non-mineralized	P-AML	<0.01	4.8	1375	4140	1.81	14	340	<0.5	<2	0.21	49.5		2	72		7	2.32	<10	<1	0.68	10		0.16	5730	2	0.05	15	390	
K-10-0269	E757432	237.96	240.41	TQTZT	non-mineralized	P-AML	<0.01	4.8	437	1290	2.97	26	610	0.9	<2	0.34	15.7		4	84		14	1.74	10	<1	1.04	20		0.17	2480	2	0.09	22	490	
K-10-0269	E757433	240.41	241.74	TQTZT	non-mineralized	N-AML	<0.01	1.4	571	1380	0.4	<5	90	<0.5	<2	0.18	17.6		<1	48		5	1.66	<10	<1	0.14	10		0.1	5180	1	0.01	4	230	
K-10-0269	E757434	241.74	242.84	TQTZT	non-mineralized	P-AML	<0.01	1.1	312	807	0.89	21	190	<0.5	<2	0.16	10.5		<1	56		4	4.96	<10	<1	0.3	10		0.26	21100	2	0.03	6	220	
K-10-0269	E757435	242.84	243.69	GSCH	non-mineralized	P-AML	0.07	6.4	384	878	4.87	51	300	1.2	<2	0.23	11.1		7	100		10	3.78	10	<1	1.56	20		0.21	5220	1	0.21	35	770	
K-10-0269	E757437	243.69	244.91	GSCH	non-mineralized	P-AML	0.02	3.4	378	2140	2.48	27	610	0.5	<2	0.67	26.9		4	70		7	2.4	10	<1	0.78	10		0.27	3090	1	0.12	17	500	
K-10-0269	E757438	244.91	246.13	GSCH	non-mineralized	P-AML	0.02	2	196	409	5.1	39	310	1.2	<2	1.41	5.2		9	100		8	2.79	10	<1	1.56	20		0.41	549	2	0.27	34	970	
K-10-0269	E757439	246.13	247.07	TQTZT	non-mineralized	P-AML	0.02	1	51	120	4.33	26	600	1.2	<2	1.05	1.5		5	103		12	2.2	10	<1	1.25	20		0.27	269	1	0.28	26	800	
K-10-0269	E757440	247.07	248.72	TQTZT	non-mineralized	N-AML	<0.01	0.9	78	600	3.27	18	680	0.9	<2	1.06	6.9		4	82		12	1.95	10	<1	0.95	20		0.32	609	1	0.21	22	760	
K-10-0270	E781634	189.89	190.18	QTZT	non-mineralized	N-AML	<0.01	1.1	116	174	0.57	71	150	<0.5	<2	0.53	2.1		1	49		<1	0.57	<10	<1	0.21	<10		0.18	355	1	0.01	2	80	
K-10-0270	E781635	191.56	191.76	QTZT	non-mineralized	P-AML	0.13	5.7	314	550	1.69	273	400	<0.5	2	1.03	6.5		4	65		12	1.86	10	<1	0.62	10		0.39	398	2	0.04	22	140	
K-10-0270	E781637	217.95	219.66	TQTZT	non-mineralized	P-AML	<0.01	0.6	29	30	1.65	9	270	<0.5	<2	0.52	<0.5		3	63		6	0.81	<10	<1	0.54	10		0.11	307	2	0.05	11	420	
K-10-0270	E781638	219.66	220.4	QTZT	non-mineralized	P-AML	<0.01	6.6	1180	1930	0.55	8	70	<0.5	<2	0.3	24.2		2	62		3	3.75	<10	<1	0.19	10		0.34	12500	2	0.01	7	220	
K-10-0270	E781639	220.4	221.57	QTZT	non-mineralized	N-AML	<0.01	1.1	85	133	0.42	<5	70	<0.5	<2	0.07	1.6		1	52		2	0.38	<10	<1	0.15	10		0.03	489	2	0.01	4	110	
K-10-0270	E781640	221.57	222.95	QTZT	non-mineralized	N-AML	<0.01	3.7	349	393	0.38	19	70	<0.5	<2	0.09	5.5		1	43		3	1.01	<10	<1	0.13	10		0.05	3260	1	0.01	3	110	
K-10-0270	E781641	222.95	223.78	QTZT	non-mineralized	P-AML	0.006	4.9	494	1030	0.56	4	162	<0.5	<1	0.06	12.5	6	5.2	323	1.4	25.3	1.15	<5	<1	0.38	3	3	0.06	2660	2.7	0.03	96	361	22
K-10-0270	E781642	223.78	224.87	QTZT	non-mineralized	N-AML	0.004	0.7	63	172	0.62	2	87	<0.5	<1	0.39	2.1	8	3	281	1.1	13.1	1.64	<5	<1	0.24	4	3	0.2	7650	2.5	<0.01	40	229	19
K-10-0270	E781643	224.87	225.23	QTZT	non-mineralized	N-AML	0.02	<0.5	43	240	0.3	3	53	<0.5	<1	0.37	2.7	6	2.3	334	<0.5	6.3	1.9	<5	<1	0.12	3	5	0.19	7760	3	<0.01	16.1	179	<10
K-10-0270	E781644	225.23	226.09	QTZT	non-mineralized	N-AML	0.005	3.6	640	72	0.46	2	77	<0.5	<1	0.1	0.8	6	1.8	363	0.6	6.7	0.66	<5	<1	0.19	3	4	0.03	1790	3.1	<0.01	9.5	179	12
K-10-0270	E781680	226.09	226.77	SM	mineralized	P-AML	0.01	116	22300	129	0.38	22	60	<0.5	<2	0.07	3.2		1	42		26	0.97	<10	<1	0.14	10		0.04	2540	1	0.01	4	140	
K-10-0270	E781646	226.77	228.72	QTZT	non-mineralized	N-AML	0.002	1.2	99	264	0.61	2	137	<0.5	<1	0.07	3.1	8	2.1	364	0.9	6.1	0.68	<5	<1	0.27	4	2	0.04	2060	3.3	0.02	8	272	16
K-10-0270	E781647	228.72	230.02	QTZT	non-mineralized	N-AML	0.003	28.3	71	316	0.49	2	101	<0.5	<1	0.15	4.7	8	1.8	372	0.7	30.5	1.29	<5	<1	0.19	4	2	0.1	6640	3.3	0.01	8	199	11
K-10-0270	E781649	230.02	231.39	TQTZT	non-mineralized	P-AML	0.003	4.3	278	846	0.74	3	199	<0.5	<1	0.07	10.9	7	2.9	351	1.4	7.9	0.9	<5	<1	0.4	4	3	0.06	2730	3.2	0.03	12	287	19
K-10-0270	E781650	231.39	232.9	TQTZT	non-mineralized	N-AML	0.002	2.5	156	214	0.87	3	182	<0.5	<1	0.25	2.6	10	2.3	410	1.3	6.7	0.85	<5	<1	0.38	5	4	0.17	2780	3.1	0.04	9.8	245	20
K-10-0270	E781651	232.9	233.74	TQTZT	non-mineralized	P-AML	0.011	1.3	167	467	1.04	5	358	0.9	<1	0.1	5.5	11	4	357	2.7	7.8	0.98	6	<1	0.69	6	13	0.13	1710	2.8	0.13	16.6	392	33
K-10-0270	E781652	233.74	235.73	QTZT	non-mineralized	N-AML	0.003	2.7	1450	3800	0.43	1	101	<0.5	<1	1.52	45.5	8	1.4	273	0.5	3.5	3.17	<5	<1	0.17	4	2	0.8	15300	2.5	0.01	5.4	165	<10
K-10-0270	E781653	235.73	237.1	QTZT	non-mineralized	N-AML	<0.002	0.7	284	671	0.36	<1	79	<0.5	<1	1	7.8	7	1.4	391	<0.5	2.8	1.75	<5	<1	0.15	4	1	0.46	6840	3.1	<0.01	5.1	156	<10
K-10-0270	E781654	237.1	238.75	QTZT	non-mineralized	N-AML	<0.002	0.6	206	429	0.43	1	95	<0.5	<1	0.13	4.8	7	1.4	398	<0.5	3.5	2.87	<5	<1	0.17	4	2	0.28	13800	3	0.01	5.6	151	<10
K-10-0270	E781656	238.75	240.44	QTZT	non-mineralized	N-AML	<0.002	<0.5	146	321	0.76	2	178	<0.5	<1	0.26	4	8	2.1	280	1.4	22.4	2.62	<5	<1	0.3	4	3	0.2	11900	2.3	0.02	7.6	277	17
K-10-0270	E781658	241.55	242.2	QTZT	non-mineralized	N-AML	0.004	3	108	341	0.88	3	294	<0.5	<1	0.1	3.8	10	3	373	0.9	8.1	1.32	<5	<1	0.43	5	4	0.11	4920	2.8	0.04	11.8	356	21
K-10-0270	E781659	242.2	242.62	QTZT	non-mineralized	N-AML	0.003	1.2	71	123	2.03	8	512	0.6	<1	0.21	1.4	12	3.2	290	1.9	6	6.4	7	2	0.73	7	9	0.59	27600	2.6	0.1	16	293	40
K-10-0270	E781661	243.28	243.8	SSCH	mineralized	P-AML	<0.01	148	1675	5160	6.82	150	890	1.4	<2	0.5	62.6		30	79		161	10.5	20	1	2.14	10		0.75	35500	<1	0.42	58	840	
K-10-0270	E781662	243.8	244.28	SSCH	non-mineralized	P-AML	<0.01	31.3	831	4150	6.16	199	710	1.1	<2	0.41	53.5		30	69		41	10.3	20	1	2.08	<10		0.75	41100	<1	0.06	87	710	
K-10-0270	E781660	242.62	243.28	QTZT	non-mineralized	N-AML	0.004	<0.5	21	88.2	0.79	7	193	<0.5	<1	0.41	0.9	8	3.3	282	0.8	4.2	3.88	<5	<1	0.28	4	5	0.4	19700	3	0.04	13	249	17
K-10-0270	E781663	244.28	244.93	QTZT	non-mineralized	N-AML	<0.01	1.4	32	169	0.45	7	40	<0.5	<2	0.14	2.1		1	44		8	0.79	<10	<1	0.13	10		0.07	2720	2	0.03	5	90	
K-10-0270	E781664	244.93	245.51	SM	non-mineralized	N-AML	<0.01	0.9	18	328	0.29	21	30	<0.5	<2	0.68	3.9		1	36		4	4.14	<10	1	0.07	<10		0.44	15300	1	0.03	7	80	
K-10-0270	E781667	245.92	246.51	GNST	non-mineralized	P-AML	<0.01	60.3	2160	4170	5.97	124	110	1.8	<2	0.42	46.7		27	68		65	9.95	20	<1	2.47	<10		0.9	39800	<1	0.01	49	670	
K-10-0270	E781668	246.51	247.02	GNST	mineralized	P-AML	0.03	409	36700	3340	6.53	135	110	2.3	<2	0.77	40.5		31	78		245	8.79	20	<1	2.51	<10		1.06	30100	<1	0.01	58	780	
K-10-0270	E781669	247.02	247.51	GNST	mineralized	P-AML	0.02	116	4970	5280	6.15	65	120	2.4	<2	0.8	64.4		22	70		127	8.89	20	<1	2.47	10		1.12	33700	<1	0.01	38	730	
K-10-0270	E781665	245.51	245.92	SM	non-mineralized	N-AML	<0.01	1.1	23	142	0.63	113	40	<0.5	<2	0.82	1.2		3	11		9	11.2	<10	3	0.2	<10		1.01	46400	<1	0.02	17	120	
K-10-0270	E781672	247.85	248.72	GNST	non-mineralized	N-AML	<0.01	44.9	765	230	7.6	174	1170	1.7	<2	0.27	3.2		36	93		51	4.09	20	<1	3.06	10		0.32	14650	<1	0.17	71	920	
K-10-0270	E781670	247.51	247.85	SM	mineralized	P-AML	0.02	240	32600	1830	6.64	171	110	1.7	<2	0.29	25.9		37	82		117	5.62	20	<1	2.73	<10		0.41	19050	<1	0.01	68	880	
K-10-0270	E781673	248.72	249.82	TQTZT	non-mineralized	N-AML	<0.01	17.9	114	49	2.39	50	320	0.5	<2	0.11	0.8		6	69		21	1.01	<10	<1	0.73	20		0.06	2220	2	0.16	19	390	
K-10-0270	E781676	250.55	251.76	TQTZT	non-mineralized	N-AML	<0.01	0.5	35	51	2.41	5	320	0.6	<2	0.82	<0.5		4	55		28	2.07	<10	<1	0.45	20		0.36	213	1	0.08	15	400	
K-10-0270	E781678	253.29	255.23	QTZT	non-mineralized	N-AML	<0.01	<0.5	49	50	0.52	<5	190	<0.5	<2	1.8	<0.5		1	51		2	0.82	<10	<1	0.18	10		0.24	449	2	0.02	4	240	
K-10-0270	E781679	255.23	256.95	QTZT	non-mineralized	N-AML	<0.01	1.2	355	856	1.45	11	340	<0.5	<2	1.58	9.2		2	46		7	2.44	<10	1	0.41	10		0.47	4980	1	0.04	11	210	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-10-0272	E757441	45.37	46.25	TQTZT	non-mineralized	N-AML	0.05	1.3	143	564	0.86	285	130	<0.5	<2	0.09	5.4		3	54		3	1.31	<10	<1	0.26	10		0.04	2460	2	0.02	13	210	
K-10-0272	E757444	47.52	48.9	TQTZT	non-mineralized	N-AML	0.02	4	172	2620	0.57	168	220	<0.5	<2	0.04	42.5		26	34		4	3.62	<10	<1	0.19	10		0.01	14400	1	0.02	52	350	
K-10-0272	E757446	48.9	51.32	TQTZT	non-mineralized	N-AML	0.04	6.6	1125	1720	0.79	445	230	<0.5	<2	0.03	23.8		18	36		7	1.48	<10	<1	0.25	10		0.01	6020	1	0.02	30	240	
K-10-0272	E757447	51.32	51.65	TQTZT	non-mineralized	N-AML	0.06	2.4	200	199	5.02	399	950	1.1	<2	0.02	10.2		1	86		7	1.45	10	<1	1.75	30		0.09	195	1	0.12	4	230	
K-10-0272	E757448	268.22	269.46	TQTZT	non-mineralized	N-AML	<0.01	<0.5	16	54	2.29	13	470	0.5	<2	2.22	0.5		4	54		8	1.43	10	<1	0.57	20		0.23	209	<1	0.1	15	440	
K-10-0272	E757449	269.46	270.03	TQTZT	non-mineralized	N-AML	<0.01	0.6	22	52	3	15	670	0.7	<2	1.36	0.5		4	71		7	1.66	10	<1	0.84	20		0.2	247	1	0.12	18	540	
K-10-0272	E757465	270.03	270.36	TQTZT	mineralized	P-AML	0.002	4.9	1010	6630	2.78	4	214	0.6	<1	2.81	84.2	26	5.2	228	4.1	3.8	2.41	7	<1	1	15	7	0.29	9710	2.1	0.13	15.8	538	60
K-10-0272	E757450	270.36	270.94	TQTZT	non-mineralized	N-AML	<0.01	1.8	408	1000	1.89	14	410	<0.5	<2	2.43	14.2		2	47		4	1.48	<10	<1	0.59	20		0.17	2670	<1	0.08	10	420	
K-10-0272	E757451	270.94	272.1	TQTZT	non-mineralized	P-AML	0.09	1.2	211	565	3.96	21	380	0.9	<2	0.58	7.9		5	83		10	2.43	10	<1	1.2	30		0.23	3080	1	0.2	25	660	
K-10-0272	E757452	272.1	273.41	TQTZT	non-mineralized	N-AML	<0.01	0.8	86	277	3.24	22	760	0.8	<2	1.23	3.3		3	73		13	1.51	<10	<1	0.88	30		0.18	250	1	0.18	20	550	
K-10-0272	E757454	273.41	274.07	TQTZT	non-mineralized	N-AML	<0.01	<0.5	36	105	4.38	22	1010	1.1	<2	1.39	1.1		4	90		9	1.86	10	<1	1.18	40		0.23	348	<1	0.25	21	1150	
K-10-0272	E757455	274.07	275.4	TQTZT	non-mineralized	N-AML	<0.01	1.1	156	345	2.23	15	530	0.5	<2	1.1	4.2		2	58		6	1.43	10	<1	0.66	20		0.19	1080	1	0.11	14	490	
K-10-0272	E757456	275.4	275.72	VM	non-mineralized	P-AML	<0.01	6.8	1350	591	4.76	57	450	1	<2	0.29	7.2		6	91		8	4.18	10	<1	1.42	30		0.22	9200	<1	0.21	25	830	
K-10-0272	E757457	275.72	276.3	VM	non-mineralized	N-AML	<0.01	12	2020	2450	4.32	79	610	0.9	2	0.76	29.1		9	71		15	8.12	10	<1	1.35	30		0.52	30200	<1	0.15	22	670	
K-10-0272	E757458	276.3	276.68	VM	non-mineralized	N-AML	<0.01	<0.5	25	148	0.44	19	70	<0.5	<2	1.68	1.3		1	25		2	1.86	<10	<1	0.15	10		0.15	5570	<1	0.02	3	140	
K-10-0272	E757459	276.68	277.82	VM	non-mineralized	N-AML	<0.01	1.1	43	748	0.37	28	50	<0.5	<2	3.53	6.4		1	20		4	2.18	<10	<1	0.12	10		0.27	6770	<1	0.01	2	130	
K-10-0272	E757460	277.82	278.43	VM	non-mineralized	N-AML	<0.01	0.6	49	81	0.57	11	80	<0.5	3	0.73	0.8		2	28		1	0.7	<10	<1	0.18	20		0.14	614	<1	0.02	2	150	
K-10-0272	E757461	278.43	279.04	VM	non-mineralized	N-AML	<0.002	<0.5	11	710	0.33	<1	67	<0.5	<1	1.18	4.9	6	1.4	149	0.9	2.9	0.54	<5	<1	0.12	4	2	0.19	2120	1.1	<0.01	2.6	117	<10
K-10-0272	E757463	279.04	279.28	VM	non-mineralized	N-AML	0.002	2.1	9	93.5	0.39	2	164	<0.5	<1	2.09	1.8	7	1.8	228	1.2	0.8	0.65	<5	<1	0.15	5	3	0.27	2500	1	0.01	3.7	163	12
K-10-0272	E757466	279.82	280.65	GSCH	non-mineralized	P-AML	0.006	3	48	206	3.34	12	140	1.2	<1	0.48	2	22	10.8	321	7	11.3	2.47	12	<1	1.53	10	14	0.35	2240	2.5	0.24	43.9	490	103
K-10-0272	E757467	280.65	281.91	GSCH	non-mineralized	P-AML	0.019	1.9	21	90.8	4.37	14	148	1.8	<1	0.37	0.5	20	14.4	499	7.3	15.1	2.66	17	<1	2.25	9	41	0.29	592	3.1	0.39	51.9	840	131
K-10-0272	E757469	281.91	282.65	VM	mineralized	P-AML	0.005	15.9	5380	6280	0.41	1	109	<0.5	<1	0.07	75.2	5	1.6	289	0.8	3.8	0.87	<5	<1	0.13	3	1	0.08	3560	1.6	0.02	4.2	162	<10
K-10-0272	E757470	282.65	284.07	VM	non-mineralized	P-AML	0.009	<0.5	728	1090	1.08	<1	212	<0.5	<1	0.43	<0.5	<1	2.8	202	<0.5	2.9	2.46	<5	<1	0.35	5	3	0.29	9950	<0.5	0.04	11.9	<10	<10
K-10-0272	E757471	284.07	284.91	GSCH	non-mineralized	N-AML	<0.002	0.5	23	114	3.91	9	692	1.4	<1	0.96	<0.5	24	9.7	418	7.9	16.6	2.44	13	<1	1.29	13	23	0.5	1100	2.4	0.19	34.8	458	58
K-10-0272	E757473	286.21	287.26	VM	non-mineralized	N-AML	0.004	<0.5	6	13.3	0.36	<1	95	<0.5	<1	0.39	<0.5	7	1.5	257	0.5	<0.5	0.99	<5	<1	0.14	4	<1	0.14	4680	2.4	0.01	4.2	127	<10
K-10-0272	E757474	287.26	287.92	QTZT	non-mineralized	N-AML	0.003	<0.5	32	42	0.32	<1	82	<0.5	<1	0.05	<0.5	8	2.1	373	<0.5	<0.5	0.46	<5	<1	0.13	5	<1	0.02	1230	2.6	<0.01	4.6	187	<10
K-10-0272	E757475	287.92	290.05	QTZT	non-mineralized	N-AML	0.002	<0.5	61	252	0.37	<1	96	<0.5	<1	0.1	2.5	7	1.6	338	0.5	0.7	0.56	<5	<1	0.16	4	<1	0.04	1620	2	0.01	3.6	173	<10
K-10-0272	E757477	290.05	291.39	QTZT	non-mineralized	P-AML	0.012	<0.5	14	57	1.1	2	263	<0.5	<1	0.3	<0.5	9	3.3	210	2.2	2.9	0.66	<5	<1	0.46	5	1	0.08	417	1.9	0.04	6.9	245	24
K-10-0272	E757478	291.39	292.94	QTZT	non-mineralized	N-AML	0.003	0.7	170	649	0.57	1	124	<0.5	<1	0.13	7.2	9	2.3	399	0.8	<0.5	0.92	<5	<1	0.22	5	<1	0.07	3010	2.6	0.02	5.3	218	11
K-10-0272	E757480	293.58	294.4	QTZT	non-mineralized	P-AML	0.003	1	220	686	0.47	2	100	<0.5	<1	0.24	6.9	8	2.1	450	0.8	2	1.07	<5	<1	0.2	5	<1	0.1	3780	3.1	0.02	6.5	126	11
K-10-0272	E757482	295.78	297.84	TQTZT	non-mineralized	N-AML	0.003	1.9	386	1650	1.65	3	388	0.8	<1	2.85	18.1	19	3.9	442	2.2	1.9	1.68	<5	<1	0.66	12	3	0.26	5360	2.6	0.05	11.2	442	38
K-10-0272	E757483	297.84	299.75	TQTZT	non-mineralized	N-AML	0.002	0.8	18	94.8	1.97	4	552	0.6	<1	1.02	0.7	15	5.4	458	3.2	7.1	1.34	6	<1	0.77	10	4	0.25	530	3.1	0.07	18.4	445	49
K-10-0272	E757484	299.75	301.83	TQTZT	non-mineralized	N-AML	<0.002	0.6	19	108	1.44	2	390	0.7	<1	2.61	1	17	4.2	463	1.9	3.8	1.04	<5	<1	0.53	11	4	0.15	1400	3	0.05	11.3	334	30
K-10-0272	E757485	301.83	302.67	TQTZT	non-mineralized	N-AML	<0.002	<0.5	26	162	0.71	2	169	<0.5	<1	0.72	1.5	8	2.2	479	1.1	2.4	0.65	<5	<1	0.27	5	2	0.09	463	2.9	0.03	6.9	238	16
K-10-0272	E757487	302.67	303.89	TQTZT	non-mineralized	N-AML	<0.002	0.8	182	717	0.29	<1	79	<0.5	<1	0.33	6.8	5	1.4	314	<0.5	1.5	0.49	<5	<1	0.13	3	<1	0.06	1060	2.4	<0.01	3.9	223	<10
K-10-0272	E757488	303.89	304.63	TQTZT	non-mineralized	N-AML	<0.002	<0.5	66	2130	0.32	<1	87	<0.5	<1	0.3	22.8	7	1.4	288	<0.5	1.2	1.01	<5	<1	0.14	4	<1	0.1	4520	2.2	<0.01	4.2	157	<10
K-10-0272	E757489	304.63	305.42	TQTZT	non-mineralized	N-AML	<0.002	0.6	26	328	1.49	2	393	0.6	<1	5.7	3.7	15	3.2	148	1.8	2.9	1.57	<5	<1	0.54	10	5	0.81	694	2	0.06	10.7	588	32
K-10-0272	E757492	306.93	308.89	TQTZT	non-mineralized	P-AML	<0.002	<0.5	20	42.8	1.81	<1	286	0.8	<1	0.37	<0.5	6	4.1	344	1.9	6.2	1.35	<5	<1	0.58	4	11	0.23	98	2.7	0.03	17.7	289	26
K-10-0272	E757493	308.89	310.8	TQTZT	non-mineralized	N-AML	<0.002	<0.5	12	48.4	1.95	1	338	1	<1	0.58	<0.5	7	3.9	223	2.4	6.3	0.99	5	<1	0.75	5	11	0.22	189	2.5	0.04	13	278	34
K-10-0272	E757494	310.8	311.15	TQTZT	non-mineralized	N-AML	0.004	<0.5	7	33.1	0.54	<1	93	<0.5	<1	0.15	<0.5	8	1.8	337	0.6	1.6	0.46	<5	<1	0.24	5	3	0.05	105	2.1	0.01	4.3	118	<10
K-10-0272	E757496	311.15	313.03	QTZT	non-mineralized	N-AML	<0.002	<0.5	19	45.3	0.38	<1	70	<0.5	<1	0.27	<0.5	7	1.8	394	<0.5	1.3	0.41	<5	<1	0.16	4	<1	0.05	161	2.4	<0.01	4	110	<10
K-10-0272	E757497	313.03	314.18	QTZT	non-mineralized	N-AML	0.003	<0.5	23	94.1	0.32	<1	63	<0.5	<1	0.23	0.9	7	1.1	225	<0.5	1	0.31	<5	<1	0.14	4	<1	0.06	338	2	<0.01	2.7	115	<10
K-10-0272	E757498	314.18	315.04	TQTZT	non-mineralized	N-AML	<0.002	<0.5	31	60.7	0.42	<1	85	<0.5	<1	0.37	0.5	7	2.1	346	0.5	0.8	0.51	<5	<1	0.19	5	<1	0.09	749	2.3	<0.01	5.1	124	<10
K-10-0272	E757499	315.04	316.08	TQTZT	non-mineralized	N-AML	<0.002	<0.5	28	79.6	0.49	1	66	<0.5	<1	0.5	0.7	9	2.4	484	0.6	2.3	0.74	<5	<1	0.2	5	2	0.11	368	3.2	<0.01	7.6	144	12
K-10-0272	E757500	316.08	316.989	TQTZT	non-mineralized	P-AML	0.003	<0.5	14	42	1.49	1	222	0.6	<1	0.75	<0.5	15	4.7	375	1.5	7.8	1.35	<5	<1	0.53	9	9	0.23	225	3	0.03	16.7	464	25
K-10-0277	E781681	272.8	274.62	TQTZT	non-mineralized	P-AML	<0.01	1.7	81	70	3.42	23	450	0.9	<2	0.22	0.6		6	90		14	2.07	10	<1	0.9	20		0.2	827	2	0.17	26	420	
K-10-0277	E781682	274.62	275.14	TQTZT	non-mineralized	P-AML	<0.01	4.7	429	875	7.4	128	1020	2.3	<2	0.21	10.1		10	132		11	3.09	20	<1	2.35	30		0.16	3940	1	0.46	40	770	
K-10-0277	E781683	275.14	275.54	VM	non-mineralized	P-AML	<0.01	56.2	3050	165	1.28	20	160	<0.5	2	0.26	2.2		1	19		50	16.05	10	3	0.42	10		0.94	67400	<1	0.05	9	90	
K-10-0277	E781684	275.54	276.11	VM	non-mineralized	P-AML	0.01	181	868	544	1.35	74	160	<0.5	3	0.41	7.7		1	12		142	19.5	10	6	0.47	10		1.16	82800	<1	0.03	12	50	
K-10-0277	E781686	276.42	277.98	TQTZT	non-mineralized	P-AML	0.02	9.5	2110	504	1.16	89	180	<0.5	<2	0.16	6.2		3	39		8	3.86	<10	<1	0.4	10		0.16	11300	1	0.04	8	250	
K-10-0277	E781687	277.98	278.6	TQTZT	non-mineralized	N-AML	<0.01	1.9	51	81	0.48	41	80	<0.5	<2	0.11	1		1	41		3	1.92	<10	<1	0.18	10		0.11	6150	1	0.02	7	100	
K-10-0277	E781689	278.6	278.89	SM	mineralized	P-AML	0.45	526	238500	2020	0.31	215	30	<0.5	69	0.85	35.5		7	12		7	2.76	<10	1	0.09	10		0.41	8070	<1	0.01	62	60	
K-10-0277	E781690	278.89	280	TQTZT	non-mineralized	N-AML	<0.01	0.8	86	90	0.87	8	140	<0.5	<2	0.19	0.9		2	46		4	0.85	<10	<1	0.28	10		0.08	1750	1	0.03	6	170	
K-10-0278	E757501	71.7	73.19	TQTZT	non-mineralized	N-AML	0.003	1	26	137	3.48	37	868	1.6	2	0.06	1.1	19	4.1	468	<0.5	6.6	2.03	11	2	1.77	10	23	0.11	229	4.6	0.15	16.1	826	202
K-10-0278	E757503	73.76	75.13	TQTZT	non-mineralized	N-AML	0.002	2.6	145	324	1.15	79	264	<0.5	<1	0.04	3.4	13	3.6	719	<0.5	2.4	1.28	<5	<1	0.6	8	5	0.04	405	4.9	0.06	10.7	310	60
K-10-0278	E757505	75.84	77.11	QTZT	non-mineralized	N-AML	0.014	1.9	215	202	0.41	51	104	<0.5	<1	0.005	0.8	6	1.8	449	<0.5	0.9	1.18	<5	<1	0.2	4	<1	<0.01	264	3	0.01	5	172	16
K-10-0278	E757507	77.11	78.3	QTZT	non-mineralized	N-AML	0.01	1.7	139	88.8	0.42	32	96	<0.5	<1	0.005	<0.5	8	1.1	252	<0.5	1.3	0.48	<5	<1	0.18	4	<1	<0.01	61	3.4	0.01	2.6	54	13
K-10-0278	E757509	78.8	80.2	TQTZT	non-mineralized	N-AML	0.03	1.4	182	187	1.34	210	373	<0.5	<1	0.02	0.6	10	2	509	<0.5	0.6	1.42	<5	<1	0.62	6	2	0.03	127	3.4	0.05	5.3	189	56
K-10-0278	E757513	82	82.91	TQTZT	non-mineralized	N-AML	0.031	<0.5	26	114	2.17	164	555	1.1	2	0.03	0.7	22	4.4	631	<0.5	4.3	2.33	7	<1	0.91	12	5	0.1	218	2.1	0.08	11.6	446	69
K-10-0278	E757515	83.9	85.65	QTZT	non-mineralized	N-AML	0.008	<0.5	44	44	0.44	84	111	<0.5	<1	0.01	<0.5	9	2.2	493	<0.5	<0.5	0.55	<5	<1	0.21	5	1	0.01	55	2.9	0.01	5.3	59	13
K-10-0278	E757517	86.95	87.92	QTZT	non-mineralized	N-AML	0.017	<0.5	23	42.5	0.2	49	60	<0.5	<1	0.005	<0.5	6	1.2	211	<0.5	<0.5	0.28	<5	<1	0.09	3	<1	<0.01	30	2.2	<0.01	2.5	25	<10
K-10-0278	E757520	89.28	90.12	TQTZT	non-mineralized	N-AML	0.019	0.8	24	168	1.26	28	449	0.6	<1	0.06	2.1	9	3.6	568	<0.5	5.4	1.28	<5	1	0.77	5	3	0.06	256	4.9	0.07	12.1	259	60
K-10-0278	E757521	90.12	92.51	TQTZT	non-mineralized	N-AML	0.004	<0.5	50	280	1.42	16	268	0.6	<1	0.71	4.3	12	4.8	428	<0.5	5	1.46	<5	<1	0.64	8	17	0.27	846	2.3	0.03	16.3	261	51
K-10-0278	E757523	93.33	94.33	QTZT	non-mineralized	N-AML	0.004	<0.5	15	93.8	0.9	9	198	<0.5	2	0.19	0.7	10	4.5	478	<0.5	1.7	0.86	<5	<1	0.45	6	7	0.09	427	3.2	0.03	11	188	28
K-10-0278	E757524	114.01	144.8	TQTZT	non-mineralized	N-AML	0.008	<0.5	19	229	0.3	2	77	<0.5	<1	0.18	1.9	9	2.9	240	<0.5	0.7	0.39	<5	<1	0.13	5	<1	0.05	542	3.5	<0.01	6.3	130	<10
K-10-0278	E757526	144.8	145.24	QTZT	non-mineralized	N-AML	0.006	0.7	92	597	0.32	2	79	<0.5	<1	0.34	5.4	7	2.1	289	<0.5	<0.5	0.54	<5	<1	0.13	4	<1	0.09	785	2.4	<0.01	5	123	<10
K-10-0278	E757528	145.24	146.1	QTZT	non-mineralized	N-AML	0.011	<0.5	5	128	0.43	10	112	<0.5	<1	0.4	<0.5	7	2.5	244	<0.5	<0.5	0.59	<5	<1	0.17	5	<1	0.12	706	2.6	0.01	5.9	178	11
K-10-0278	E757529	155.45	155.76	QTZT	non-mineralized	N-AML	0.005	<0.5	4	33.7	0.37	5	113	<0.5	<1	0.36	<0.5	7	1.9	309	<0.5	1.2	0.54	<5	<1	0.15	4	<1	0.15	269	2.4	<0.01	4	143	<10
K-10-0278	E757530	155.76	156.06	QTZT	non-mineralized	N-AML	0.051	<0.5	5	35.1	0.35	28	101	<0.5	<1	0.07	<0.5	6	2	304	<0.5	<0.5	0.5	<5	<1	0.14	4	<1	0.03	174	2.9	<0.01	4.4	108	<10
K-10-0278	E757531	156.06	156.87	SM	non-mineralized	P-AML	0.013	<0.5	6	22.8	0.35	32	98	<0.5	<1	0.42	<0.5	10	1.9	303	<0.5	<0.5	0.97	<5	1	0.14	5	<1	0.18	616	3.6	<0.01	5.1	113	<10
K-10-0278	E757532	156.87	157.75	SM	non-mineralized	P-AML	0.242	0.6	19	61.8	0.79	264	233	<0.5	1	0.5	<0.5	10	4.9	301	<0.5	1.1	2	<5	<1	0.32	6	<1	0.21	783	1.6	0.02	15.4	223	21
K-10-0278	E757533	157.75	158.2	SM	non-mineralized	P-AML	0.257	<0.5	7	88.2	0.98	122	313	<0.5	<1	0.62	<0.5	12	4.4	398	<0.5	<0.5	1.63	<5	<1	0.41	7	1	0.25	982	2	0.03	15.9	202	29
K-10-0278	E757535	158.2	158.5	SM	non-mineralized	P-AML	0.136	<0.5	14	152	0.47	137	117	<0.5	2	0.46	0.9	10	3.9	508	<0.5	<0.5	1.49	<5	<1	0.19	6	<1	0.19	1000	3.1	0.01	13.8	167	13
K-10-0278	E757536	158.5	159.72	SM	non-mineralized	P-AML	0.173	<0.5	6	22.9	0.32	230	99	<0.5	<1	0.03	<0.5	9	2	208	<0.5	<0.5	1.1	<5	2	0.14	4	<1	0.02	43	1.4	<0.01	5.9	85	<10
K-10-0278	E757537	159.72	160.93	SM	non-mineralized	P-AML	0.196	<0.5	20	126	1.39	112	372	0.8	<1	0.29	<0.5	5	4.2	258	<0.5	2.7	1.7	6	<1	1.02	3	3	0.17	955	1.9	0.07	19.7	315	60
K-10-0278	E757538	160.93	162	SM	non-mineralized	P-AML	0.034	<0.5	24	92.6	0.37	38	94	<0.5	<1	0.28	0.6	6	1.8	504	<0.5	1	0.9	<5	<1	0.16	4	<1	0.1	515	3.6	<0.01	5.3	115	<10
K-10-0278	E757539	162	163.07	SM	non-mineralized	N-AML	0.018	<0.5	6	98.8	0.32	25	97	<0.5	<1	0.15	<0.5	9	2.3	380	<0.5	6.1	0.54	<5	<1	0.12	6	<1	0.05	437	2.2	<0.01	5.4	118	<10

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-10-0278	E757540	163.07	164.8	TQTZT	non-mineralized	N-AML	0.012	<0.5	15	83	0.57	14	138	<0.5	<1	2.24	<0.5	11	2.4	320	<0.5	<0.5	1.34	<5	<1	0.22	6	3	0.85	1020	2	0.01	6.6	202	17
K-10-0278	E757541	164.8	166.77	TQTZT	non-mineralized	N-AML	0.02	1.4	18	141	1.59	72	310	<0.5	<2	0.84	2.4		2	60		7	1.05	<10	<1	0.56	10		0.27	274	2	0.05	10	660	
K-10-0278	e757542	227.08	228.3	TQTZT	non-mineralized	N-AML	<0.01	0.9	79	253	0.58	7	100	<0.5	<2	1.39	3		2	40		2	0.92	<10	<1	0.2	<10		0.36	520	2	0.01	3	240	
K-10-0278	e757543	228.3	228.6	TQTZT	non-mineralized	P-AML	<0.01	1.3	21	78	7.09	32	590	2.1	<2	0.51	0.7		11	172		14	2.32	20	<1	2.26	30		0.18	95	1	0.24	34	1550	
K-10-0278	e757545	228.6	229.02	SM	non-mineralized	P-AML	<0.01	3	324	996	1.15	10	210	<0.5	<2	0.36	12.1		2	44		8	3.24	<10	<1	0.34	10		0.33	10600	2	0.03	11	320	
K-10-0278	e757546	229.02	229.39	SM	non-mineralized	P-AML	<0.01	5.2	930	3370	0.31	10	50	<0.5	3	0.25	41.4		<1	16		3	6.69	<10	1	0.12	<10		0.63	30300	1	0.01	5	170	
K-10-0278	e757547	229.39	230.27	SM	non-mineralized	P-AML	<0.01	9.7	2450	1190	0.54	57	70	<0.5	2	0.16	14.3		3	27		3	4.66	<10	<1	0.16	<10		0.31	14750	1	0.01	7	140	
K-10-0278	e757548	230.27	230.47	VM	mineralized	P-AML	0.14	1450	158500	29200	1.81	585	170	0.8	4	0.33	404		10	29		365	12.65	<10	7	0.47	10		0.35	27400	<1	0.03	32	180	
K-10-0278	e757550	230.47	230.8	VM	mineralized	P-AML	0.38	156	4980	10950	0.83	152	90	<0.5	13	2.59	138		4	15		105	16.1	<10	5	0.25	<10		1.25	61900	<1	0.02	22	90	
K-10-0278	e757551	230.8	231.2	VM	non-mineralized	N-AML	0.84	264	2180	3100	0.16	25	20	<0.5	8	3.15	40.1		2	1		52	19	<10	3	0.04	<10		1.53	70400	<1	<0.01	20	20	
K-10-0278	e757552	231.2	231.55	VM	non-mineralized	N-AML	0.3	8	187	979	0.3	55	40	<0.5	<2	2.36	11.2		3	15		14	6.22	<10	4	0.08	<10		0.86	21700	1	0.01	14	70	
K-10-0278	e757553	231.55	231.79	SM	mineralized	P-AML	0.09	1880	11200	2840	0.37	170	50	<0.5	<2	0.14	53.5		6	36		682	6.65	<10	5	0.11	<10		0.16	20400	3	0.01	16	80	
K-10-0278	e757554	231.79	232.38	SM	mineralized	P-AML	<0.01	12.4	58	11250	0.33	17	150	<0.5	3	0.07	141		1	28		23	4.96	<10	5	0.12	<10		0.11	16650	2	0.01	4	40	
K-10-0278	e757555	232.38	232.67	SM	non-mineralized	P-AML	0.09	5670	304	1340	0.3	40	140	<0.5	3	0.07	67.4		<1	26		2360	7.47	<10	<1	0.11	<10		0.12	22800	1	0.01	2	70	
K-10-0278	e757556	232.67	233	SM	non-mineralized	P-AML	<0.01	3.2	55	437	0.38	32	130	<0.5	<2	0.06	6.2		1	40		4	6.37	<10	5	0.11	<10		0.16	21900	2	0.01	5	110	
K-10-0278	e757558	233	233.78	QTZT	non-mineralized	N-AML	<0.01	19.5	83	464	0.31	11	90	<0.5	<2	0.06	6.5		<1	45		10	2.86	<10	<1	0.09	<10		0.1	8820	2	0.01	4	70	
K-10-0278	e757559	233.78	235.15	QTZT	non-mineralized	N-AML	<0.01	1	106	583	0.35	12	70	<0.5	2	0.04	8.4		<1	48		3	2.37	<10	<1	0.1	<10		0.09	9350	2	0.01	4	60	
K-10-0278	e757560	235.15	235.76	QTZT	non-mineralized	N-AML	<0.01	8.3	138	390	0.27	9	40	<0.5	<2	0.09	4.5		<1	33		4	8.51	<10	4	0.07	<10		0.24	34000	2	0.01	4	40	
K-10-0278	e757561	235.76	236.68	QTZT	non-mineralized	P-AML	0.01	10.4	1520	775	1.27	35	220	<0.5	<2	0.05	10.7		5	52		4	1.27	<10	10	0.44	10		0.05	1525	2	0.03	18	140	
K-10-0278	e757562	236.68	238.05	TQTZT	non-mineralized	N-AML	<0.01	2.3	237	664	2.63	5	450	0.8	<2	0.12	7.6		3	77		2	1.21	<10	<10	0.77	10		0.1	2200	<1	0.08	13	190	
K-10-0278	e757563	238.05	238.96	TQTZT	non-mineralized	P-AML	<0.01	2.6	445	930	0.58	31	60	<0.5	<2	0.08	12.5		3	38		<1	5.13	<10	10	0.19	<10		0.18	18000	1	0.01	6	80	
K-10-0278	e757564	238.96	239.88	TQTZT	non-mineralized	P-AML	<0.01	5.8	312	809	2.17	46	380	<0.5	<2	0.07	10		6	68		9	2.5	<10	10	0.73	10		0.07	2340	2	0.05	21	170	
K-10-0278	e757566	239.88	241.2	TQTZT	non-mineralized	P-AML	<0.01	2.5	373	1170	1.15	18	150	<0.5	2	0.15	14.8		3	59		5	2.04	<10	10	0.41	10		0.13	5290	2	0.02	8	140	
K-10-0278	e757567	241.2	241.89	GSCH	non-mineralized	P-AML	<0.01	3.9	36	1110	5.91	57	1110	1.2	<2	0.12	12.5		11	110		6	1.55	10	10	2.11	30		0.13	1365	<1	0.16	30	420	
K-10-0278	e757570	242.02	242.7	TQTZT	non-mineralized	P-AML	0.05	19.1	2090	4500	4.27	288	440	0.7	<2	0.57	65.1		15	95		14	4.21	10	10	1.42	20		0.09	3580	2	0.11	35	2510	
K-10-0278	e757572	242.7	242.93	TQTZT	non-mineralized	P-AML	0.02	3.8	616	941	3.33	95	630	0.8	<2	0.12	11.7		7	93		10	1.67	10	<10	1.11	10		0.08	264	2	0.1	22	240	
K-10-0278	e757573	242.93	243.85	TQTZT	non-mineralized	P-AML	0.01	6.5	729	915	3.48	127	280	0.6	3	0.09	13.6		10	85		13	3.17	10	<10	1.12	20		0.09	3650	5	0.1	28	270	
K-10-0278	e757574	243.85	244.2	TQTZT	mineralized	P-AML	0.02	15.9	908	12750	1.97	113	380	<0.5	<2	0.06	174		7	60		16	2.35	<10	<10	0.66	10		0.05	2080	2	0.05	21	200	
K-10-0278	e757591	244.2	244.57	SM	non-mineralized	P-AML	0.006	37.8	1280	442	0.37	3	87	<0.5	<1	0.03	5.6	6	2.3	382	<0.5	12.6	0.96	<5	1	0.15	3	<1	0.03	2500	1	0.01	8.7	87	11
K-10-0278	e757575	244.57	244.93	SM	mineralized	P-AML	<0.01	243	13450	364	0.34	22	80	<0.5	<2	0.02	6.6		3	42		35	0.6	<10	10	0.12	<10		0.01	459	<1	0.01	4	60	
K-10-0278	e757576	244.93	245.37	SM	mineralized	P-AML	<0.01	76.8	7860	4790	0.37	17	100	<0.5	<2	0.04	66.8		2	43		4	2.31	<10	<10	0.13	<10		0.05	5670	1	0.01	3	80	
K-10-0278	e757577	245.37	245.67	SM	mineralized	P-AML	0.07	1050	18550	19750	0.35	17	70	<0.5	<2	0.05	269		2	62		391	2.28	<10	10	0.11	<10		0.05	5360	2	0.01	5	110	
K-10-0278	e757578	245.67	245.97	SM	mineralized	P-AML	<0.01	63.5	2610	50100	0.42	12	90	<0.5	<2	0.04	668		3	54		47	1.09	<10	10	0.14	<10		0.02	808	<1	0.02	4	100	
K-10-0278	e757579	245.97	246.39	SM	mineralized	P-AML	<0.01	18	636	15600	0.33	9	70	<0.5	<2	0.03	198		2	46		13	0.71	<10	10	0.11	<10		0.01	645	<1	0.01	4	70	
K-10-0278	e757580	246.39	246.7	SM	mineralized	P-AML	0.26	6430	190500	50700	0.2	17	40	<0.5	2	0.04	693		3	26		2730	4.36	<10	10	0.07	<10		0.08	12100	<1	0.01	5	30	
K-10-0278	e757581	246.7	246.9	SM	non-mineralized	P-AML	0.13	128	2570	2250	0.28	27	50	<0.5	<2	0.29	30.9		<1	25		35	7.63	<10	6	0.07	<10		0.27	25100	1	0.01	6	40	
K-10-0278	e757582	246.9	247.3	VM	non-mineralized	P-AML	0.12	246	2500	3940	2.37	134	380	0.5	<2	2.08	46.7		4	41		119	11.6	<10	10	0.8	10		0.78	38700	1	0.07	27	80	
K-10-0278	e757583	247.3	247.97	VM	non-mineralized	P-AML	<0.01	114	1890	572	0.9	22	110	<0.5	<2	0.23	8.7		2	36		89	3.14	<10	4	0.28	<10		0.18	10350	1	0.03	8	120	
K-10-0278	e757584	247.97	248.41	VM	non-mineralized	P-AML	0.014	68.7	1870	4100	1.71	7	344	<0.5	<1	0.08	59.9	17	5.3	467	<0.5	13.8	6.85	16	8	0.67	6	3	0.19	24800	<0.5	0.05	22.1	227	76
K-10-0278	e757585	248.41	249.02	VM	non-mineralized	P-AML	0.021	153	959	730	1.74	7	310	<0.5	1	0.16	8.9	14	4.9	428	<0.5	67.7	4.97	15	6	0.77	6	2	0.22	21300	<0.5	0.05	23.2	275	68
K-10-0278	e757586	249.02	250	VM	non-mineralized	P-AML	0.011	47.2	343	621	1.36	7	877	1	1	0.05	6.3	10	7.2	399	<0.5	31.4	1.19	10	6	1.4	6	3	0.09	3450	0.5	0.1	25.4	272	130
K-10-0278	e757588	250	250.85	TQTZT	non-mineralized	P-AML	0.011	3.7	285	681	0.62	4	162	<0.5	2	0.17	7.2	8	2.4	458	<0.5	4.3	1.24	<5	1	0.23	5	<1	0.1	4210	0.7	0.02	10.9	199	18
K-10-0278	e757589	250.85	252.07	TQTZT	non-mineralized	N-AML	0.008	3.3	33	146	0.83	6	279	<0.5	<1	2.01	1.4	13	3.2	430	<0.5	4	0.9	<5	<1	0.31	8	<1	0.13	607	1	0.02	11.8	332	33
K-10-0279	E757592	212.7	213.3	TQTZT	non-mineralized	N-AML	0.003	1	36	112	0.37	2	69	<0.5	<1	0.13	0.9	5	2.4	469	<0.5	2.6	0.43	<5	2	0.12	3	<1	0.05	117	1.7	0.02	7.3	109	10
K-10-0279	E757593	213.3	213.58	TQTZT	non-mineralized	N-AML	0.004	1	201	1030	0.27	4	56	<0.5	2	4.64	11.7	10	1.3	258	<0.5	1.6	1.92	<5	2	0.08	4	3	1.9	2370	<0.5	0.01	5.5	462	12
K-10-0279	E757594	213.58	214.12	TQTZT	non-mineralized	N-AML	<0.002	0.9	35	69.7	0.5	6	74	<0.5	<1	4.73	0.6	9	2.4	330	<0.5	8.7	1.81	<5	<1	0.12	3	8	1.82	1330	<0.5	0.02	6	241	19
K-10-0279	E757596	217.36	218.54	QTZT	non-mineralized	N-AML	0.002	2.3	324	433	0.52	5	77	<0.5	<1	1.45	4.4	8	2.1	514	<0.5	3.5	1.06	<5	1	0.18	4	3	0.62	1040	0.6	0.02	10.1	205	27
K-10-0279	E757597	218.54	218.77	QTZT	non-mineralized	N-AML	0.002	1.7	129	841	0.23	5	43	<0.5	2	6.08	10.2	10	0.8	275	<0.5	1.7	2.38	<5	<1	0.08	3	1	2.7	2020	<0.5	0.01	5.2	152	13
K-10-0279	E757598	218.77	219.56	QTZT	non-mineralized	N-AML	0.002	0.8	26	64.8	0.25	3	56	<0.5	<1	0.43	<0.5	4	1.8	488	<0.5	2	0.51	<5	1	0.09	2	<1	0.19	246	2.2	<0.01	6.1	104	<10
K-10-0279	E757599	237.8	238.07	TQTZT	mineralized	P-AML	0.003	0.8	79	8750	0.61	2	121	<0.5	5	0.07	117	5	1.7	492	<0.5	6.2	4.24	11	5	0.23	<2	<1	0.23	21300	<0.5	0.02	11.1	165	26
K-10-0279	E757600	240.19	240.4	TQTZT	non-mineralized	P-AML	0.009	1.4	252	387	0.5	18	142	<0.5	<1	0.04	4.2	7	4	624	<0.5	3.3	2.08	<5	3	0.37	<2	3	<0.01	278	<0.5	0.02	16.7	208	29
K-10-0279	E757601	240.4	242.2	QTZT	non-mineralized	N-AML	<0.01	2.8	706	1270	0.31	<5	50	<0.5	<2	1.33	15.9		<1	50		2	1.68	<10	<1	0.09	<10		0.55	4610	2	0.01	3	80	
K-10-0279	E757602	242.2	242.93	SM	non-mineralized	N-AML	<0.01	5.8	1850	1310	0.22	13	40	<0.5	<2	1.47	16.7		<1	30		2	9.81	<10	8	0.05	<10		1.3	44800	1	0.01	2	60	
K-10-0279	E757603	242.93	244.9	SM	non-mineralized	N-AML	<0.01	2.2	434	1470	0.3	<5	50	<0.5	<2	5.12	21.9		<1	38		1	2.57	<10	6	0.09	<10		2.02	6450	1	0.01	5	90	
K-10-0279	E757604	244.9	246.18	VM	non-mineralized	P-AML	0.09	84.2	3860	4060	2.57	158	290	0.7	<2	0.96	51.4		6	53		42	9.3	<10	9	0.8	10		0.65	29400	1	0.08	28	270	
K-10-0279	E757605	246.18	247.05	VM	mineralized	P-AML	0.08	1960	7200	2380	0.24	51	40	<0.5	<2	0.15	48.3		<1	20		860	16.4	<10	11	0.06	<10		0.42	55500	1	0.01	6	70	
K-10-0279	E757607	247.05	247.91	SM	non-mineralized	N-AML	<0.01	12.3	687	827	0.61	10	90	<0.5	<2	0.03	11.2		<1	51		8	1.84	<10	2	0.2	<10		0.05	5380	2	0.02	3	90	
K-10-0279	E757608	247.91	249.67	SM	non-mineralized	P-AML	<0.01	3.7	455	2230	2.64	27	490	0.6	<2	0.21	27.5		5	70		8	3.7	10	2	0.89	10		0.19	9660	3	0.08	22	200	
K-10-0279	E757609	249.67	250.52	CQTZT	non-mineralized	N-AML	<0.01	<0.5	16	63	0.69	<5	120	<0.5	<2	1.18	0.7		1	46		6	0.81	<10	<1	0.2	<10		0.2	238	2	0.02	5	150	
K-10-0279	E757611	250.52	251.9	ICQS	non-mineralized	P-AML	<0.01	0.9	23	88	6.98	26	540	2	<2	0.78	0.8		10	118		41	3.44	20	<1	2.28	30		0.32	347	3	0.23	40	1010	
K-10-0279	E757612	251.9	253.02	TQTZT	non-mineralized	N-AML	<0.01	0.9	158	296	0.8	<5	110	<0.5	<2	1.33	4.2		1	45		5	1.16	<10	2	0.24	10		0.42	1210	2	0.03	7	160	
K-10-0279	E757613	253.02	253.94	TQTZT	non-mineralized	N-AML	<0.01	<0.5	109	411	0.35	<5	60	<0.5	<2	0.1	5.4		<1	55		1	0.27	<10	1	0.1	<10		0.02	129	2	0.01	6	90	
K-10-0279	E757614	253.94	255.42	TQTZT	non-mineralized	N-AML	<0.01	<0.5	16	69	0.38	<5	80	<0.5	<2	6.94	0.8		<1	23		2	1.88	<10	4	0.1	<10		2.09	553	<1	0.01	2	110	
K-10-0279	E757617	256.78	257.75	QTZT	non-mineralized	P-AML	<0.01	0.5	71	199	0.97	<5	170	<0.5	<2	0.27	2.3		1	66		4	0.58	<10	2	0.28	10		0.07	285	2	0.04	7	150	
K-10-0279	E757618	257.75	258.95	QTZT	non-mineralized	N-AML	0.01	<0.5	58	188	0.27	<5	50	<0.5	<2	0.1	2.5		<1	60		1	0.39	<10	1	0.07	<10		0.03	291	2	0.01	2	70	
K-10-0279	E757619	258.95	259.63	QTZT	non-mineralized	N-AML	<0.01	<0.5	170	324	0.26	<5	50	<0.5	<2	0.02	4.6		<1	59		2	0.54	<10	<1	0.07	<10		0.03	1495	2	0.01	2	70	
K-10-0279	E757620	259.63	260.48	QTZT	non-mineralized	N-AML	<0.01	<0.5	142	457	0.31	<5	60	<0.5	<2	0.03	6.6		<1	74		2	0.49	<10	<1	0.09	<10		0.02	785	3	0.01	4	70	
K-10-0279	E757621	260.48	260.89	QTZT	non-mineralized	N-AML	<0.01	<0.5	213	557	0.3	<5	70	<0.5	<2	0.05	9.1		1	57		4	0.88	<10	<1	0.08	<10		0.05	2820	2	0.01	3	60	
K-10-0279	E757622	260.89	262.01	QTZT	non-mineralized	N-AML	<0.01	0.5	139	560	0.28	<5	70	<0.5	<2	0.03	7.7		1	57		2	0.54	<10	<1	0.08	<10		0.02	1365	2	0.01	4	60	
K-10-0279	E757623	262.01	263.19	QTZT	non-mineralized	P-AML	<0.01	<0.5	78	375	0.33	6	80	<0.5	<2	0.1	5.2		1	56		2	0.72	<10	<1	0.09	<10		0.02	801	2	0.01	4	70	
K-10-0279	E757624	263.19	264.26	QTZT	non-mineralized	P-AML	<0.01	<0.5	61	254	0.32	<5	70	<0.5	<2	0.13	3.4		<1	47		2	0.73	<10	<1	0.09	<10		0.02	1115	1	0.01	3	80	
K-10-0279	E757625	264.26	265.85	QTZT	non-mineralized	P-AML	<0.01	<0.5	59	98	1.13	8	620	<0.5	<2	0.69	1.2		2	57		24	1.4	<10	<1	0.32	10		0.05	1275	5	0.04	16	170	
K-10-0279	E757627	265.85	267.31	QTZT	non-mineralized	P-AML	<0.01	0.5	24	58	0.96	6	380	<0.5	<2	0.48	0.6		1	54		13	0.9	<10	<1	0.24	10		0.03	114	2	0.04	10	80	
K-10-0279	E757628	267.31	269.02	QTZT	non-mineralized	P-AML	<0.01	<0.5	6	9	0.36	<5	80	<0.5	<2	0.16	<0.5		<1	45		2	0.48	10	<1	0.07	<10		0.02	55	1	0.01	3	60	
K-10-0279	E757629	269.02	270.36	QTZT	non-mineralized	P-AML	<0.01	<0.5	8	9	0.46	<5	70	<0.5	<2	0.11	<0.5		1	43		6	0.85	<10	<1	0.1	10		0.03	49	3	0.01	8	60	
K-10-0280	E781691	249.75	250.62	TQTZT	non-mineralized	P-AML	<0.01	1.2	122	94	2.28	16	330	0.6	<2	0.49	0.9		4	65		9	1.02	10	<1	0.73	20		0.15	230	1	0.09	14	370	
K-10-0280	E781692	250.62	251.46	SM	non-mineralized	N-AML	<0.01	2.8	812	418	0.54	5	100	<0.5	<2	0.88	5.5		2	32		4	0.56	<10	<1	0.19	10		0.27	685	1	0.02	4	160	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-10-0280	E781693	251.46	252.28	SM	non-mineralized	N-AML	<0.01	1	495	1330	0.34	<5	80	<0.5	<2	5.95	21.1		<1	23		1	2.8	<10	<1	0.13	10		2.21	3740	1	0.01	1	140	
K-10-0280	E781694	252.28	252.87	SM	non-mineralized	N-AML	<0.01	0.8	276	384	0.34	<5	70	<0.5	<2	4.7	5.2		<1	19		1	3.12	<10	<1	0.12	10		1.79	7000	1	0.01	1	130	
K-10-0280	E781696	252.87	253.57	SM	non-mineralized	N-AML	<0.01	<0.5	27	67	0.51	5	90	<0.5	<2	0.29	0.8		1	26		1	0.37	<10	<1	0.17	10		0.1	228	1	0.03	3	160	
K-10-0280	E781697	253.57	254.64	SM	non-mineralized	N-AML	<0.01	1.7	421	608	1.03	6	150	<0.5	<2	0.27	9.3		1	47		4	0.63	<10	<1	0.31	10		0.1	1320	1	0.07	5	350	
K-10-0280	E781699	254.64	256.46	TQTZT	non-mineralized	P-AML	<0.01	<0.5	15	40	1.17	6	190	<0.5	<2	0.19	<0.5		2	49		5	0.69	<10	<1	0.36	10		0.07	125	1	0.06	7	480	
K-10-0280	E781700	256.46	258.55	TQTZT	non-mineralized	N-AML	<0.01	<0.5	23	68	0.75	<5	130	<0.5	<2	0.26	0.8		1	48		2	0.73	<10	<1	0.25	10		0.08	390	2	0.03	3	200	
K-10-0280	E781701	258.55	259.9	TQTZT	non-mineralized	N-AML	<0.002	0.8	114	290	0.68	2	144	<0.5	<1	0.3	3.1	10	2.5	441	0.8	6.2	1.19	<5	<1	0.27	7	3	0.12	3340	2.6	0.03	10.9	292	22
K-10-0280	E781702	259.9	261.72	TQTZT	non-mineralized	P-AML	0.002	1.3	404	376	1.13	2	2380	0.5	<1	0.72	3.4	11	4.4	524	1.2	7.1	0.94	<5	<1	0.43	8	8	0.19	1030	2.2	0.06	15	362	32
K-10-0280	E781703	261.72	263.65	TQTZT	non-mineralized	N-AML	<0.002	0.6	94	195	0.4	2	74	<0.5	<1	0.22	2.3	8	2.3	412	<0.5	5.1	1.31	<5	<1	0.17	6	1	0.1	4130	2.3	<0.01	11	264	15
K-10-0280	E781704	263.65	265.63	TQTZT	non-mineralized	N-AML	<0.002	0.5	86	207	0.55	2	134	<0.5	<1	0.33	2.6	7	2.3	439	0.6	4.2	0.78	<5	<1	0.21	11	3	0.07	1390	1.6	0.02	8.7	269	16
K-10-0280	E781706	265.63	267.3	QTZT	non-mineralized	N-AML	0.003	2.7	12	37.1	0.33	3	58	<0.5	<1	1.61	<0.5	9	2.3	450	<0.5	12.5	1.28	<5	<1	0.08	7	6	0.5	784	1.8	0.02	10.8	242	11
K-10-0280	E781707	267.3	269.16	QTZT	non-mineralized	N-AML	<0.002	0.8	15	56.5	0.54	2	103	<0.5	<1	0.76	<0.5	7	3.1	474	<0.5	15.5	1.11	<5	<1	0.13	6	11	0.2	821	2.5	0.03	9.3	181	16
K-10-0280	E781708	269.16	270.96	GNST	non-mineralized	N-AML	0.003	<0.5	11	110	6.6	<1	350	0.8	<1	7.74	<0.5	17	65.4	166	1.9	255	9.54	22	<1	0.2	8	242	3.58	2600	0.9	0.03	69.8	948	42
K-10-0280	E781709	270.96	272.31	GNST	non-mineralized	N-AML	0.003	<0.5	11	116	6.72	<1	91	0.8	<1	7.73	<0.5	17	67.5	163	2.3	255	9.55	22	<1	0.1	9	165	3.68	2570	0.8	0.11	76.6	987	37
K-10-0280	E781710	272.31	274.27	VM	non-mineralized	P-AML	0.051	5.4	567	1000	2.06	8	577	1.2	<1	0.84	10.8	15	6.1	529	3.8	12.2	3.92	9	<1	0.96	10	22	0.41	15000	1.5	0.12	25.9	613	108
K-10-0280	E781712	274.27	275.84	VM	non-mineralized	P-AML	0.172	2.2	583	1040	1.01	4	245	<0.5	<1	0.46	11.5	10	3.8	501	1.8	3.5	5.23	<5	<1	0.39	6	9	0.51	24200	1.7	0.03	15.5	545	50
K-10-0280	E781713	275.84	277.83	VM	non-mineralized	P-AML	0.044	4.4	56	154	2.67	11	936	2.2	<1	0.62	1.7	14	11.4	328	6.1	8.1	3.25	14	<1	1.8	8	22	0.4	12700	1.6	0.16	45.7	561	189
K-10-0280	E781714	277.83	278.89	SM	non-mineralized	P-AML	0.002	2.8	296	566	0.91	3	363	0.7	<1	0.14	5.8	5	3.8	491	1.5	5.8	1.52	<5	<1	0.53	4	8	0.15	4600	1.8	0.05	16.5	309	55
K-10-0280	E781715	278.89	279.89	SM	non-mineralized	N-AML	<0.002	0.6	169	463	0.47	2	77	<0.5	<1	0.23	4.6	7	1.9	441	0.6	4.4	1.15	<5	<1	0.19	5	3	0.1	3910	2.3	0.01	9.1	172	22
K-10-0280	E781716	279.89	280.35	SM	non-mineralized	N-AML	<0.002	1.1	419	871	0.98	2	255	<0.5	<1	0.53	8.8	9	3.2	551	1.3	5.6	1.41	<5	<1	0.39	8	6	0.18	5560	2.4	0.05	13.8	294	38
K-10-0280	E781717	280.35	281.94	SM	non-mineralized	N-AML	0.002	1.6	282	419	1.63	4	514	0.8	<1	1.18	4.2	13	4.7	447	2	5.4	1.51	6	<1	0.68	11	13	0.32	1950	1.9	0.1	19.6	369	58
K-10-0280	E781719	281.94	282.36	SM	non-mineralized	N-AML	<0.002	3.1	1040	975	1.46	3	361	0.7	<1	2.82	10.1	15	3.7	596	1.9	4.9	2.23	<5	<1	0.53	11	10	0.47	4200	1.8	0.07	14.2	224	61
K-10-0280	E781720	282.36	282.58	SM	non-mineralized	P-AML	0.006	6.1	557	127	3.06	14	305	3.4	<1	0.77	1.3	21	13.5	523	5.6	24.8	3.99	21	<1	2.51	13	50	0.23	762	2.2	0.39	59.5	5020	253
K-10-0280	E781721	282.58	283.21	SM	non-mineralized	N-AML	0.002	3.8	171	1530	1.7	3	374	<0.5	<1	1.35	15.9	13	3.5	289	2.7	6.6	2.15	<5	<1	0.67	7	6	0.37	4310	2.9	0.09	15.1	647	82
K-10-0280	E781722	283.21	284	TQTZT	non-mineralized	P-AML	<0.002	<0.5	73	332	0.69	2	198	<0.5	<1	0.07	3.1	5	3.6	331	1	<0.5	1.22	<5	<1	0.31	3	4	0.08	5320	2.5	0.05	10.4	178	30
K-10-0280	E781723	284	284.99	TQTZT	non-mineralized	N-AML	0.003	0.6	83	249	0.94	2	263	<0.5	<1	0.3	2.2	7	2.7	312	1.4	1.4	1.14	<5	<1	0.39	4	2	0.14	3710	2.5	0.04	9.3	195	45
K-10-0280	E781725	284.99	285.7	TQTZT	non-mineralized	N-AML	0.003	2	293	1130	0.42	1	77	<0.5	<1	0.18	11.1	7	2.3	406	0.6	18.9	1.17	<5	<1	0.17	3	1	0.11	5560	3.2	0.02	7	142	19
K-10-0280	E781726	285.7	288.49	TQTZT	non-mineralized	N-AML	0.003	2.1	690	2190	1.57	2	440	<0.5	<1	2.82	23	14	3.2	189	2.7	8.4	3.55	<5	<1	0.59	7	6	0.73	17500	1.9	0.09	13	425	60
K-10-0280	E781728	288.49	290.4	TQTZT	non-mineralized	P-AML	0.002	6.1	159	1730	1.64	3	486	0.5	<1	0.68	19.3	13	4	344	2	12.1	2.77	5	<1	0.76	7	6	0.44	14500	2.7	0.09	18.3	306	61
K-10-0280	E781729	290.4	291.81	GSCH	non-mineralized	N-AML	0.005	2.2	184	275	1.39	5	904	1	<1	0.29	2.5	11	6.7	253	2.6	58.1	1.36	10	<1	1.03	5	18	0.35	1750	1.8	0.17	30.2	226	94
K-10-0280	E781730	291.81	293.35	GSCH	non-mineralized	P-AML	0.015	0.6	28	150	2.84	2	487	1.3	<1	0.37	0.6	15	13.7	316	3.6	53.2	3.15	13	<1	1.63	6	32	0.82	908	3.5	0.15	68.3	513	135
K-10-0280	E781732	293.35	294.13	GNST	non-mineralized	N-AML	<0.002	<0.5	62	169	3.3	<1	2300	0.7	<1	0.68	<0.5	15	11.9	278	2.3	107	2.94	7	<1	1.76	6	12	1.02	2930	1.1	0.07	51.3	205	166
K-10-0282	E757630	112.42	112.62	QTZT	non-mineralized	N-AML	<0.01	11.5	3700	533	0.32	72	70	<0.5	2	0.07	9.4		2	35		4	0.64	<10	<1	0.1	10		0.03	645	2	0.01	4	60	
K-10-0282	E757631	219.22	219.76	GNST	non-mineralized	N-AML	<0.01	1	11	114	6.96	48	280	0.7	<2	7.14	<0.5		36	151		292	7.92	20	<1	0.43	10		3.04	1045	2	0.05	74	860	
K-10-0282	E757632	267.31	268.26	QTZT	non-mineralized	N-AML	<0.01	1.2	98	242	0.46	<5	90	<0.5	<2	0.75	3.4		1	38		2	0.42	<10	<1	0.15	10		0.1	554	2	0.01	3	130	
K-10-0282	E757633	268.26	269.49	SM	non-mineralized	N-AML	<0.01	1.7	307	1080	0.34	<5	60	<0.5	<2	0.28	16.1		2	44		1	1.11	<10	<1	0.11	10		0.12	3810	3	0.01	3	90	
K-10-0282	E757635	269.49	270.08	SM	non-mineralized	N-AML	<0.01	2.1	331	2120	0.42	<5	130	<0.5	<2	0.66	35.5		1	33		1	0.79	<10	<1	0.14	10		0.11	2820	2	0.01	1	130	
K-10-0282	E757636	270.08	270.47	SM	mineralized	P-AML	<0.01	36.5	5550	10650	0.44	13	1280	<0.5	<2	8.74	144.5		1	13		1	2.02	<10	<1	0.13	10		0.35	11600	1	0.01	3	190	
K-10-0282	E757638	270.47	270.85	SM	mineralized	P-AML	<0.01	17.4	3220	6510	0.33	5	330	<0.5	<2	3.62	94.9		1	24		1	2.4	<10	<1	0.11	10		0.3	15350	2	0.01	1	100	
K-10-0282	E757639	270.85	271.4	SM	non-mineralized	P-AML	<0.01	15.2	945	2290	0.44	12	90	<0.5	<2	0.17	42		1	37		1	1.75	<10	<1	0.15	10		0.13	6100	2	0.01	4	140	
K-10-0282	E757641	272.65	273.13	TQTZT	non-mineralized	P-AML	<0.01	5	201	561	1.93	27	280	<0.5	<2	0.22	8.7		4	63		7	2.07	<10	<1	0.62	10		0.15	4450	2	0.06	15	300	
K-10-0282	E757642	273.13	274.3	TQTZT	non-mineralized	P-AML	<0.01	5	412	910	1.39	14	200	<0.5	2	0.16	13		2	63		14	1.36	<10	<1	0.43	10		0.11	2620	4	0.05	12	130	
K-10-0282	E757643	274.3	275.69	TQTZT	non-mineralized	P-AML	<0.01	1.4	183	368	0.95	10	130	<0.5	2	0.13	5.3		1	68		3	1.05	<10	<1	0.32	10		0.09	1810	4	0.03	6	100	
K-10-0282	E773719	295.57	297.56	QTZT	non-mineralized	N-AML	<0.01	1.1	101	161	0.7	29	120	<0.5	<2	0.91	2.6		1	39		6	0.89	<10		0.22	10		0.28	325	<1	0.02	4	180	
K-10-0282	E773721	298.39	299.76	QTZT	non-mineralized	P-AML	<0.01	7.3	408	620	1.67	19	230	<0.5	<2	0.16	7.5		3	46		10	1.52	<10		0.55	10		0.14	2700	<1	0.05	12	180	
K-10-0283	E781733	126.11	126.89	GSCH	non-mineralized	P-AML	0.303	0.5	20	37.9	3.98	181	237	2.6	<1	0.63	0.9	13	15	260	7.1	6.7	3.23	24	<1	3.05	5	11	0.41	489	2.4	0.27	62	864	246
K-10-0283	E781735	127.48	132	QTZT	non-mineralized	P-AML	0.161	2.3	449	949	1.64	40	267	<0.5	<1	0.7	5.7	5	6	310	1.4	4.1	2.21	<5	<1	0.76	3	2	0.28	2340	2.2	0.05	22.5	188	69
K-10-0283	E781737	132.56	134.34	TQTZT	non-mineralized	P-AML	0.006	1.7	304	1180	0.77	2	201	<0.5	<1	0.11	12.4	7	2.6	314	1.1	0.9	2.22	<5	<1	0.34	4	1	0.13	10100	3.3	0.02	10	285	26
K-10-0283	E781738	134.34	136.93	TQTZT	non-mineralized	P-AML	0.029	5.3	871	1240	2.03	5	334	0.8	<1	0.15	13.2	8	5.2	342	3.6	3	3.43	9	<1	1.19	3	5	0.19	14600	3.4	0.1	20.3	328	110
K-10-0283	E781740	137.1	138.18	QTZT	non-mineralized	P-AML	0.552	3.3	495	669	0.83	208	220	<0.5	<1	0.08	6.6	7	2.8	471	1.7	2.4	2.11	<5	<1	0.46	3	2	0.09	5490	3.8	0.03	10.8	182	32
K-10-0283	E781741	138.18	139.36	QTZT	non-mineralized	P-AML	0.4	6	975	2450	1.57	407	400	<0.5	<2	0.18	29.4		3	67		4	2.32	10	<1	0.56	10		0.15	4940	2	0.04	13	420	
K-10-0283	E781742	139.36	140.96	QTZT	non-mineralized	P-AML	0.07	5.5	689	1540	1.73	710	480	<0.5	<2	0.15	18.6		3	62		4	2.41	10	<1	0.62	20		0.14	4970	2	0.05	13	400	
K-10-0283	E781743	140.96	141.43	GSCH	non-mineralized	P-AML	0.19	7.1	1075	2390	5.42	2330	120	1.3	<2	0.24	30.6		8	109		6	3.71	10	<1	1.87	30		0.2	4570	1	0.14	34	810	
K-10-0283	E781745	141.43	143.56	GSCH	non-mineralized	P-AML	0.2	9.6	815	1550	5.18	1340	120	1.2	<2	0.42	18.9		6	109		13	3.56	10	<1	1.79	30		0.22	4080	2	0.13	37	1650	
K-10-0283	E781746	143.56	143.79	SM	non-mineralized	P-AML	0.38	3.8	614	1710	0.96	3010	260	<0.5	<2	0.19	21.1		2	46		5	4.19	10	<1	0.34	10		0.37	14150	2	0.03	11	310	
K-10-0283	E781752	150.45	152.67	SM	non-mineralized	N-AML	0.05	3	675	390	1.96	440	410	<0.5	<2	1.17	5.2		3	70		3	2.93	10	<1	0.69	20		0.15	7700	2	0.05	15	430	
K-10-0283	E781753	152.67	153.82	SM	non-mineralized	N-AML	0.11	4.1	839	569	1.61	1120	330	<0.5	2	1.07	8		4	60		5	4.44	<10	<1	0.56	20		0.22	13850	2	0.04	13	320	
K-10-0283	E781756	154.51	156.8	SM	non-mineralized	P-AML	0.15	1.8	149	173	0.67	3110	190	<0.5	<2	0.14	2.4		1	53		2	2.35	<10	<1	0.24	10		0.11	5180	3	0.02	6	150	
K-10-0283	E781757	156.8	157.5	SM	non-mineralized	P-AML	0.8	2.7	262	620	1.09	10000	290	<0.5	<2	1.01	9.3		2	41		4	4.35	<10	<1	0.39	20		0.15	7720	1	0.03	9	440	
K-10-0283	E781758	157.5	158.23	SM	non-mineralized	P-AML	1.56	6.4	440	315	2.31	10000	130	0.5	<2	2.66	4.4		6	45		13	6.77	10	<1	0.79	10		0.22	5850	2	0.06	21	380	
K-10-0283	E781759	158.23	159.39	SM	non-mineralized	P-AML	0.66	4.8	306	730	0.88	10000	160	<0.5	<2	1.09	9.7		4	25		9	5.92	<10	<1	0.27	20		0.26	6710	1	0.02	15	190	
K-10-0283	E781760	159.39	160	SM	non-mineralized	P-AML	0.83	19.6	210	378	0.49	2830	70	<0.5	<2	0.33	5.8		1	19		19	10.25	<10	<1	0.17	10		0.05	352	1	0.02	13	50	
K-10-0283	E781761	160	160.88	SM	non-mineralized	P-AML	2.16	168	642	608	0.51	10000	100	<0.5	6	0.16	10.9		1	21		182	11.65	<10	<1	0.18	10		0.04	2380	1	0.02	16	70	
K-10-0283	E781762	160.88	161.97	QTZT	non-mineralized	P-AML	0.08	2.1	53	94	0.57	2210	130	<0.5	<2	0.04	1.4		2	34		4	1.21	<10	<1	0.21	10		0.02	1020	1	0.02	4	80	
K-10-0283	E781763	161.97	163.31	QTZT	non-mineralized	P-AML	0.16	1.7	65	172	0.6	3040	150	<0.5	<2	0.1	2		1	46		2	1.38	<10	<1	0.21	10		0.07	2410	2	0.02	2	110	
K-10-0283	E781764	163.31	164.65	QTZT	non-mineralized	P-AML	0.3	2	264	446	0.48	5290	120	<0.5	<2	0.09	7.2		<1	43		5	1.91	<10	<1	0.17	10		0.07	3390	1	0.02	3	80	
K-10-0283	E781766	164.65	165.84	QTZT	non-mineralized	P-AML	0.08	1.5	66	55	0.4	1620	100	<0.5	<2	0.07	0.8		1	50		4	1.17	<10	<1	0.15	10		0.03	1435	1	0.01	2	80	
K-10-0283	E781767	165.84	167.44	QTZT	non-mineralized	N-AML	0.02	0.8	53	55	0.34	254	90	<0.5	<2	0.16	0.7		1	67		2	0.64	<10	<1	0.13	10		0.03	1010	3	0.01	2	90	
K-10-0283	E781768	167.44	167.79	QTZT	non-mineralized	P-AML	0.03	1.8	201	237	0.32	549	80	<0.5	<2	0.1	2.9		1	50		1	1.68	<10	<1	0.12	10		0.06	4930	2	0.01	3	170	
K-10-0283	E781769	167.79	170.22	QTZT	non-mineralized	P-AML	0.03	2.9	328	472	1.4	106	350	<0.5	<2	0.25	5.7		2	58		4	1.37	<10	<1	0.49	10		0.12	3930	2	0.04	7	190	
K-10-0283	E781770	170.22	171.91	TQTZT	non-mineralized	P-AML	0.03	0.7	48	89	0.76	280	190	<0.5	<2	0.44	1		1	49		1	0.66	<10	<1	0.27	10		0.09	426	2	0.02	4	140	
K-10-0283	E781772	171.91	173.86	TQTZT	non-mineralized	N-AML	0.04	1.2	151	392	2.33	61	450	0.6	<2	2.03	5		3	69		5	1.46	<10	<1	0.81	10		0.28	927	2	0.07	13	410	
K-10-0283	E781773	173.86	175.54	QTZT	non-mineralized	P-AML	0.02	0.5	99	124	0.73	53	170	<0.5	<2	0.11	1.8		<1	45		2	0.62	<10	<1	0.25	10		0.04	950	2	0.02	5	130	
K-10-0283	E781774	175.54	176.86	QTZT	non-mineralized	P-AML	0.03	0.6	143	261	1.14	148	310	<0.5	<2	0.28	3		1	61		6	0.89	<10	<1	0.4	10		0.11	952	3	0.04	5	150	
K-10-0283	E781777	177.09	177.36	SM	non-mineralized	P-AML	4.52	9.9	706	970	1.17	10000	200	<0.5	<2	0.42	13.8		6	41		14	6.84	<10	<1	0.37	10		0.3	19650	2	0.03	29	150	
K-10-0283	E781779	178	179.6	QTZT	non-mineralized	N-AML	0.05	<0.5	8	23	0.5	31	80	<0.5	<2	0.21	<0.5		<1	57		<1	0.45	<10	<1	0.16	10		0.06	137	3	0.01	2	90	
K-10-0283	E781780	179.6	180.31	QTZT	non-mineralized	N-AML	0.03	<0.5	10	15	0.55	15	90	<0.5	<2	3.44	<0.5		<1	34		2	1.61	<10	<1	0.17	<10		1.07	271	2	0.02	5	560	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-10-0283	E781782	180.92	182.1	TQTZT	non-mineralized	N-AML	0.007	0.7	16	77.8	0.53	2	111	<0.5	<1	0.46	0.6	11	2.7	513	1.1	7.4	0.9	<5	<1	0.19	6	2	0.12	267	2.4	0.01	9	173	12
K-10-0283	E781783	182.1	183.55	TQTZT	non-mineralized	P-AML	0.007	<0.5	17	37.5	1.24	3	256	<0.5	<1	0.75	<0.5	17	3.8	401	2.3	5	1.26	<5	<1	0.39	8	4	0.17	232	2.6	0.04	16.4	223	21
K-10-0283	E781785	183.55	185.13	TQTZT	non-mineralized	N-AML	0.005	4.7	36	56.4	2.27	5	449	0.6	<1	0.92	<0.5	19	6.4	628	2.9	7.1	1.73	6	<1	0.67	9	6	0.3	198	2.4	0.08	23.9	411	31
K-10-0283	E781786	185.13	186	QTZT	non-mineralized	N-AML	0.008	0.5	29	124	0.26	<1	21	<0.5	<1	0.29	1	8	1.7	390	<0.5	2.5	0.91	<5	<1	0.08	4	3	0.1	1270	2.5	<0.01	6.9	70	<10
K-10-0283	E781787	186	187.55	QTZT	non-mineralized	N-AML	0.004	1.1	131	526	0.43	<1	28	<0.5	<1	0.18	4.5	10	2.5	566	0.6	1.6	1.47	<5	<1	0.15	5	1	0.12	4040	2.7	<0.01	9.3	95	14
K-10-0283	E781788	187.55	189.16	GSCH	non-mineralized	P-AML	0.017	1	36	107	4.88	9	748	2	<1	0.22	<0.5	10	14.6	341	6.3	15.9	2.89	18	<1	1.74	5	27	0.28	436	2.7	0.3	52.2	627	72
K-10-0283	E781789	189.16	189.66	SM	non-mineralized	P-AML	0.005	1.9	159	456	0.4	2	59	<0.5	<1	0.27	3.9	6	3.4	624	0.6	3.7	1.3	<5	<1	0.13	3	1	0.1	2090	2.6	0.01	12.1	279	11
K-10-0283	E781791	189.66	190.47	SM	non-mineralized	P-AML	0.008	1.7	403	1590	0.92	3	163	<0.5	<1	0.09	14.8	9	5.5	745	1.4	2.3	2.68	<5	<1	0.31	5	2	0.18	9560	3	0.04	22.2	148	21
K-10-0283	E781792	190.47	191.37	GSCH	non-mineralized	P-AML	0.031	1.7	57	130	6.23	10	949	2.4	<1	0.22	0.6	10	14.8	416	7.9	1.6	2.99	22	<1	2.2	5	40	0.26	1070	2.3	0.45	55.5	899	93
K-10-0283	E781793	191.37	191.66	TQTZT	non-mineralized	P-AML	0.006	4	762	1820	0.44	1	79	<0.5	<1	0.2	15.9	6	1.8	641	1.1	2.6	4.98	<5	<1	0.15	3	2	0.38	23400	2.9	0.02	11.7	229	11
K-10-0283	E781794	191.66	192.83	TQTZT	non-mineralized	P-AML	0.019	4.4	464	1020	1.12	3	236	<0.5	<1	0.29	9.3	13	3	366	3.2	2.2	6.96	<5	<1	0.39	6	3	0.41	30000	1.9	0.04	15.1	583	25
K-10-0283	E781796	192.83	194.17	QTZT	non-mineralized	N-AML	0.008	2.7	325	564	0.24	2	77	<0.5	<1	0.38	4.6	5	<0.5	361	0.6	2.8	11.3	<5	<1	0.08	2	1	0.64	40900	1.6	<0.01	9.1	458	<10
K-10-0283	E781797	253.28	253.83	QTZT	non-mineralized	N-AML	0.002	5.5	394	717	0.32	2	69	<0.5	<1	4.23	6.5	8	2.3	396	<0.5	0.6	0.72	<5	<1	0.13	4	1	0.08	2060	1.7	<0.01	5.9	147	<10
K-10-0283	E781798	253.83	254.2	QTZT	non-mineralized	N-AML	0.002	0.7	150	258	0.19	<1	41	<0.5	<1	2.32	2.4	5	1.4	612	<0.5	3.7	0.9	<5	<1	0.08	3	<1	0.05	1890	3	<0.01	8.1	99	<10
K-10-0283	E781799	254.2	255.54	QTZT	non-mineralized	P-AML	0.008	2.4	195	171	1.55	3	371	0.6	<1	0.16	1.4	13	4.3	659	3.1	5.6	1.22	5	<1	0.61	6	4	0.08	2180	3.4	0.06	14	265	32
K-10-0283	E781800	259.1	260.3	QTZT	non-mineralized	P-AML	0.003	1.1	87	251	0.47	3	96	<0.5	<1	0.05	2.1	8	1.8	453	0.7	3.6	0.9	<5	<1	0.18	4	2	0.03	649	2.5	0.01	8.3	185	13
K-10-0283	E781801	260.3	261.52	QTZT	non-mineralized	N-AML	0.004	2.4	91	563	0.3	5	57	<0.5	<1	0.11	6.3	6	1.8	350	<0.5	2.1	0.88	<5	<1	0.12	3	1	0.05	3140	3.1	<0.01	4.9	124	<10
K-10-0283	E781802	261.52	262.47	QTZT	non-mineralized	N-AML	0.003	0.6	49	460	0.4	4	68	<0.5	<1	0.24	4.1	8	2.4	491	<0.5	1.6	0.85	<5	<1	0.15	4	1	0.09	2600	4	0.01	6.5	99	11
K-10-0283	E781804	262.47	263.04	QTZT	non-mineralized	N-AML	0.003	3.5	139	267	0.36	7	64	<0.5	<1	0.1	3	8	2.4	450	<0.5	<0.5	0.48	<5	<1	0.14	4	1	0.04	349	3.8	0.01	5.8	86	<10
K-10-0283	E781805	263.04	263.24	SM	mineralized	P-AML	0.045	395	32990	7340	0.39	3	80	<0.5	<1	0.1	90.3	7	2.4	231	0.6	141	1.06	<5	2	0.15	3	<1	0.04	4250	2.2	<0.01	8.4	120	12
K-10-0283	E781806	263.24	263.7	SM	non-mineralized	N-AML	0.067	86	2490	2120	0.58	16	85	<0.5	<1	0.82	25.5	8	4.1	330	1.4	66	3.13	<5	<1	0.21	3	1	0.27	14000	3	0.01	17.2	173	23
K-10-0283	E781807	263.7	263.85	SM	mineralized	P-AML	0.023	100	12400	1280	0.24	12	39	<0.5	<1	0.05	14.3	6	2.4	642	<0.5	34.3	2.92	<5	<1	0.09	3	1	0.05	10700	3.6	<0.01	9.6	91	<10
K-10-0283	E781808	263.85	264.17	SM	mineralized	P-AML	0.028	191	24620	2450	0.34	9	61	<0.5	<1	0.06	31.3	6	2.6	762	<0.5	27.6	2.58	<5	<1	0.13	3	1	0.04	7640	4.6	<0.01	10.4	135	10
K-10-0283	E781810	264.17	264.3	VM	mineralized	P-AML	1.11	947	6840	5710	0.24	18	52	<0.5	4	2.74	82.8	4	4.6	306	0.5	738	15.2	<5	6	0.1	3	1	1.39	48200	2	<0.01	40.2	53	10
K-10-0283	E781811	264.3	264.57	VM	mineralized	P-AML	1.72	544	1650	7740	0.18	23	38	<0.5	11	3.1	107	4	6	65.5	0.5	363	19.4	<5	9	0.06	<2	<1	1.85	50900	0.8	<0.01	46.8	34	<10
K-10-0283	E781813	266.44	267.62	TQTZT	non-mineralized	P-AML	0.006	8.5	278	163	2.91	35	1010	2	<1	0.28	1.7	13	10.2	531	6.6	16.7	2.53	17	<1	2.36	5	13	0.25	3190	4	0.18	37.8	519	321
K-10-0283	E781814	267.62	269.73	TQTZT	non-mineralized	P-AML	<0.002	1.1	29	51	1.26	4	181	<0.5	<1	0.45	<0.5	8	3.9	268	1.6	3.4	1.47	<5	<1	0.36	4	11	0.21	381	4.1	0.03	14.2	254	44
K-10-0283	E781815	269.73	270.66	TQTZT	non-mineralized	N-AML	0.005	0.9	18	130	4.45	9	1800	2.6	<1	0.14	<0.5	12	20.2	188	6.8	21.3	4.3	28	<1	2.45	5	30	0.35	739	1.3	0.24	75.7	843	157
K-10-0283	E781817	270.66	272.8	ICQS	non-mineralized	P-AML	0.029	24.8	208	279	4.26	4	985	2.2	<1	0.58	2.4	15	16.2	528	4.3	35.6	4.05	22	<1	1.92	6	35	0.6	2850	3.3	0.24	65.6	694	104
K-10-0288	E781818	6.3	8.3	TQTZT	non-mineralized	N-AML	0.003	1.2	17	42.6	0.64	7	109	<0.5	<1	0.02	<0.5	11	2	433	0.7	0.9	0.74	<5	<1	0.2	5	11	0.09	91	3.4	0.03	6.2	113	13
K-10-0288	E781819	8.3	9.93	TQTZT	non-mineralized	N-AML	0.004	1.2	12	57.9	0.95	9	167	<0.5	<1	0.04	0.5	7	2.4	313	1.1	3.6	0.97	<5	<1	0.3	3	11	0.11	108	3.3	0.05	9.6	150	19
K-10-0288	E781820	9.93	12.05	TQTZT	non-mineralized	N-AML	0.003	0.9	16	70.1	1.6	8	350	0.6	<1	0.04	0.7	18	4.9	403	2.2	7.5	1.46	6	<1	0.62	8	14	0.23	158	2.9	0.11	14.6	327	41
K-10-0288	E781821	12.05	14.16	TQTZT	non-mineralized	N-AML	0.004	1.9	25	61	1.57	5	410	0.7	<1	0.04	<0.5	23	4.1	590	2.7	6.6	1.65	7	<1	0.7	10	15	0.2	243	3.5	0.14	13.7	333	50
K-10-0288	E781822	14.16	16.17	ICQS	non-mineralized	N-AML	0.004	0.9	23	109	2.93	5	976	1.5	<1	0.07	0.7	25	7.1	459	5.6	14.9	2.63	15	<1	1.64	11	30	0.36	209	3.7	0.35	31	750	127
K-10-0288	E781824	16.17	16.98	ICQS	non-mineralized	N-AML	0.003	2.1	18	122	2.28	4	909	1.5	<1	0.1	1.1	27	9.8	304	4.9	20.8	2.18	14	<1	1.56	12	29	0.3	295	3.5	0.26	40	746	109
K-10-0288	E781825	16.98	17.76	TQTZT	non-mineralized	N-AML	<0.002	0.7	10	43.3	0.66	2	88	<0.5	<1	0.02	<0.5	10	3.9	414	0.6	3.2	0.86	<5	<1	0.19	5	25	0.12	188	3.1	0.03	11.6	97	11
K-10-0288	E781826	17.76	19.67	TQTZT	non-mineralized	N-AML	0.002	<0.5	12	81.8	1.44	5	368	0.7	<1	0.04	0.8	16	4.8	370	2.3	8.1	1.36	6	<1	0.67	8	19	0.16	192	3	0.12	22	351	43
K-10-0288	E781827	19.67	21.16	TQTZT	non-mineralized	N-AML	0.013	<0.5	25	241	5.73	64	1210	1.9	<1	0.09	1.8	27	9.7	364	5.8	30.8	5.27	23	<1	2.59	11	35	0.46	405	2.9	0.26	57.7	904	209
K-10-0288	E781828	21.16	22.03	VN	non-mineralized	N-AML	0.003	<0.5	6	65.8	0.51	18	110	<0.5	<1	0.04	0.5	3	2.2	464	0.6	4	0.69	<5	<1	0.21	<2	2	0.02	139	4.8	0.02	9.5	260	14
K-10-0288	E781832	24.04	25.03	QTZT	non-mineralized	N-AML	<0.002	0.7	13	98.6	0.46	10	75	<0.5	<1	0.02	1.7	8	1.9	270	0.7	1.7	0.58	<5	<1	0.17	4	2	0.01	552	3	0.02	6.1	136	18
K-10-0288	E781833	25.03	26.82	QTZT	non-mineralized	N-AML	0.01	<0.5	11	54.4	0.35	9	59	<0.5	<1	0.03	0.5	8	1.9	334	0.6	<0.5	0.41	<5	<1	0.13	4	1	<0.01	116	2.8	0.02	4.6	144	13
K-10-0288	E781834	26.82	28.73	QTZT	non-mineralized	N-AML	0.003	<0.5	12	56.2	0.41	21	60	<0.5	<1	0.02	<0.5	9	2	547	0.6	1.2	0.63	<5	<1	0.15	4	3	0.02	90	3.6	0.02	6.2	169	12
K-10-0288	E781835	28.73	30.64	QTZT	non-mineralized	N-AML	0.005	<0.5	11	80.4	0.72	25	129	<0.5	<1	0.02	<0.5	12	2.2	509	0.9	1.3	0.81	<5	<1	0.25	7	7	0.05	68	4.2	0.03	7.2	241	18
K-10-0288	E781836	30.64	31	QTZT	non-mineralized	N-AML	0.002	<0.5	16	152	0.57	17	72	<0.5	<1	0.03	<0.5	8	2.1	292	0.6	3.6	1	<5	<1	0.14	4	9	0.07	76	3.1	0.04	8.9	255	11
K-10-0288	E781837	31	32.47	TQTZT	non-mineralized	N-AML	0.003	<0.5	15	156	2.51	20	484	0.9	<1	0.08	0.7	17	3.6	355	3.9	7.7	1.76	8	<1	0.78	8	22	0.14	114	3	0.21	18.3	661	77
K-10-0288	E781839	32.47	34.44	TQTZT	non-mineralized	N-AML	0.003	<0.5	10	70.1	2.01	12	323	0.6	<1	0.06	<0.5	9	3.2	614	3.2	4	1.61	6	<1	0.55	5	17	0.12	90	4.3	0.13	13.2	446	49
K-10-0288	E781840	34.44	36.18	TQTZT	non-mineralized	N-AML	0.003	<0.5	9	31.9	1.42	8	273	<0.5	<1	0.05	<0.5	8	2.2	526	2.1	2.1	0.97	<5	<1	0.43	4	20	0.05	47	4.2	0.12	9.6	282	36
K-10-0288	E781841	36.18	38.12	TQTZT	non-mineralized	N-AML	0.005	0.7	13	47.5	1.9	8	375	0.5	<1	0.16	<0.5	16	3.6	708	2.3	2.6	1.32	6	<1	0.48	9	31	0.05	97	2.6	0.13	10.4	370	24
K-10-0288	E781842	38.12	40.28	QTZT	non-mineralized	N-AML	0.003	<0.5	8	42.1	0.74	4	146	<0.5	<1	0.06	<0.5	12	2.5	629	0.9	4.2	1.19	<5	<1	0.17	7	14	0.02	116	2.5	0.04	11.6	289	<10
K-10-0288	E781843	40.28	42.02	TQTZT	non-mineralized	N-AML	0.004	<0.5	9	52.2	0.96	3	222	<0.5	<1	0.06	<0.5	13	3.5	994	1.4	3.2	1.32	<5	<1	0.22	8	16	0.04	135	3.1	0.07	15.7	264	13
K-10-0288	E781844	42.02	42.93	TQTZT	non-mineralized	N-AML	0.006	<0.5	12	65.6	2.12	7	717	0.7	<1	0.07	<0.5	17	3.4	603	3	12.4	1.75	7	<1	0.58	10	20	0.08	132	4.4	0.14	16.6	321	32
K-10-0288	E781846	42.93	43.81	ICQS	non-mineralized	P-AML	0.008	0.9	26	154	3.04	11	310	1.2	<1	0.54	1.4	21	5	626	3.8	68.2	3.18	12	<1	0.84	11	34	0.25	349	10.2	0.2	38.3	461	50
K-10-0288	E781847	43.81	45.68	ICQS	non-mineralized	P-AML	0.011	2.3	75	104	2.94	6	273	1	<1	0.27	1.6	16	5.1	488	3.5	57.9	2.55	11	<1	0.85	8	22	0.15	187	13.5	0.18	32	246	49
K-10-0288	E781848	45.68	46.73	ICQS	non-mineralized	N-AML	0.01	0.7	16	123	3.2	9	901	1.2	<1	0.16	<0.5	16	3.3	676	4.3	28.8	2.35	11	<1	0.81	8	28	0.11	206	7.4	0.21	18.3	292	54
K-10-0288	E781850	46.73	48.16	TQTZT	non-mineralized	P-AML	0.006	0.5	18	211	2.29	7	463	0.9	<1	0.64	3.1	17	8.1	708	2.9	23.4	2.18	7	<1	0.55	11	29	0.18	814	3.1	0.17	43.9	466	32
K-10-0288	E781851	48.16	49.68	TQTZT	non-mineralized	N-AML	0.005	<0.5	12	132	0.8	4	178	<0.5	<1	0.74	1.5	10	4.5	735	1.4	13	1.42	<5	<1	0.22	6	11	0.09	523	3.2	0.04	27	240	14
K-10-0288	E781852	49.68	51.3	TQTZT	non-mineralized	N-AML	0.002	<0.5	16	172	1.93	13	436	0.8	<1	0.89	1.1	18	5.7	850	3.7	10.5	1.99	6	<1	0.56	10	17	0.06	464	3.4	0.12	26	419	36
K-10-0288	E781853	51.3	52.85	TQTZT	non-mineralized	N-AML	0.002	<0.5	11	42.8	0.75	4	171	<0.5	<1	0.03	<0.5	13	2	504	1.4	2.3	0.87	<5	<1	0.25	6	6	0.02	92	2.5	0.03	9	280	19
K-10-0288	E781854	52.85	53.95	ICQS	non-mineralized	P-AML	0.005	1.2	26	251	6.02	30	902	2.5	<1	0.23	1	19	6.6	537	9	10.8	3.73	19	<1	2.15	8	58	0.15	283	6	0.42	28.8	1410	145
K-10-0288	E781855	53.95	54.87	QTZT	non-mineralized	N-AML	<0.002	<0.5	9	40.6	0.63	3	136	<0.5	<1	0.02	<0.5	11	2.2	522	1.1	1.6	0.84	<5	<1	0.2	6	5	0.02	103	2.5	0.03	9.4	140	14
K-10-0288	E781857	54.87	56.08	QTZT	non-mineralized	N-AML	<0.002	<0.5	18	156	0.46	3	86	<0.5	<1	0.06	<0.5	9	2.2	546	0.7	6	1.12	<5	<1	0.13	5	3	0.02	198	2.5	0.03	12.4	219	11
K-10-0288	E781858	56.08	56.6	QTZT	non-mineralized	N-AML	0.002	<0.5	17	80.6	0.46	3	109	<0.5	<1	0.02	<0.5	11	2.7	697	0.8	3	0.82	<5	<1	0.16	5	1	0.02	122	2.4	0.02	9.5	109	11
K-10-0288	E781859	56.6	58.73	ICQS	non-mineralized	N-AML	0.003	0.7	20	234	5.09	26	953	1.2	<1	0.1	1.1	18	6.2	479	8.6	13.6	2.88	13	<1	1.63	9	16	0.13	255	2.5	0.23	33.9	762	119
K-10-0288	E781860	58.73	59.33	ICQS	non-mineralized	N-AML	0.004	<0.5	11	73.5	1.2	7	219	<0.5	<1	0.02	<0.5	9	2.7	650	2.4	3.2	1.19	<5	<1	0.35	5	6	0.04	100	2.4	0.05	11	317	24
K-10-0288	E781861	59.33	60.35	QTZT	non-mineralized	N-AML	0.004	<0.5	13	45.9	0.93	5	139	<0.5	<1	0.02	<0.5	13	2.5	577	1.3	3	0.93	<5	<1	0.28	7	5	0.02	92	2.7	0.04	11.6	222	18
K-10-0288	E781862	60.35	62.18	QTZT	non-mineralized	N-AML	0.007	<0.5	11	49.6	0.57	5	76	<0.5	<1	0.03	<0.5	12	2.8	647	0.7	1.7	0.73	<5	<1	0.18	6	3	0.02	131	2.1	0.02	10.4	195	12
K-10-0288	E781863	62.18	64	QTZT	non-mineralized	N-AML	0.006	1.2	40	444	0.37	3	53	<0.5	<1	0.09	7.6	9	2.8	493	0.6	4.4	0.89	<5	<1	0.12	4	2	0.03	1020	2	<0.01	17.8	144	<10
K-10-0288	E781864	64	65.23	GSCH	non-mineralized	N-AML	0.026	7.3	583	301	6.61	56	1440	1.9	<1	0.09	1.1	23	4.2	558	10.9	<0.5	2.52	19	<1	2.6	12	19	0.17	253	2.2	0.27	14.6	1040	218
K-10-0288	E781865	65.23	67.04	GSCH	non-mineralized	N-AML	0.034	11	2010	877	4.67	72	1240	1.2	<1	0.05	2.9	12	1.9	411	10	16.4	4.94	13	<1	1.84	7	9	0.1	232	1.9	0.18	14.3	1770	123
K-10-0288	E781867	67.2	68.7	ICQS	non-mineralized	N-AML	0.026	11.5	729	425	2.87	46	940	0.6	<1	0.02	1	10	1.5	465	4.6	30.7	2.55	9	<1	1.09	5	4	0.07	736	5.2	0.09	11.1	265	71
K-10-0288	E781868	68.7	71.32	TQTZT	non-mineralized	N-AML	0.009	2.1	256	203	0.44	20	127	<0.5	<1	0.005	0.7	7	1.8	753	0.7	7.3	1.46	<5	<1	0.17	3	<1	0.01	229	2.1	0.01	8.6	143	<10
K-10-0288	E781870	71.32	72.78	QTZT	non-mineralized	N-AML	0.01	4	451	205	0.42	145	113	<0.5	<1	0.06	6.6	9	2.8	638	0.7	1	0.88	<5	<1	0.13	5	4	0.04	385	3.1	0.01	12	207	<10
K-10-0288	E781871	72.78	74	QTZT	non-mineralized	N-AML	0.019	1.1	115	253	0.93	173	156	<0.5	<1	0.1	4.4	10	3.6	551	1.3	12.5	1.36	<5	<1	0.26	6	11	0.08	331	2.6	0.02	25.8	287	14
K-10-0288	E781873	74	74.72	GSCH	non-mineralized	N-AML	0.013	0.5	22	351	5.49	52	879	1.9	<1	0.14	5.3	24	10	526	7.4	20.3	3.34	17	<1	1.82	10	17	0.28	156	2.4	0.18	48	638	92
K-10-0288	E781874	74.72	75.9	GSCH	non-mineralized	P-AML	0.009	<0.5	21	382	4.96	47	759	1.7	<1	0.46	3.3	20	12.6	350	5.2	19.4	3.98	14	<1	1.52	9	15	0.42	309	2	0.15	60.1	612	66
K-10-0288	E781875	75.9	76.25	GSCH	non-mineralized	N-AML	0.022	<0.5	18	493	7.81	105	1170	2.5	<1	0.24	7.1	26	11.8	364	7	10.1	4.8	23	<1	2.26	10	25	0.46	356	1.5	0.26	63.9	914	92
K-10-0288	E781876	76.25	77.42	QTZT	non-mineralized	N-AML	0.016	<0.5	9	240	0.5	37	97	<0.5	<1	0.13	1.4	10	3	661	0.8	1.9	0.9	<5	<1	0.16	5	6	0.06	667	2.9	0.01	12.6	230	10

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-10-0288	E781878	77.42	79.48	QTZT	non-mineralized	N-AML	0.003	<0.5	8	253	0.53	7	63	<0.5	<1	0.2	1.7	9	2.9	599	0.6	3.7	0.98	<5	<1	0.11	5	10	0.09	812	3	0.01	17.5	379	<10
K-10-0288	E781879	79.48	81.47	QTZT	non-mineralized	N-AML	0.008	<0.5	11	166	1.62	20	232	0.5	<1	0.27	1.5	13	4.7	648	1.8	10.4	1.52	<5	<1	0.43	7	21	0.17	569	3	0.05	22.6	294	23
K-10-0288	E781880	81.47	83.52	TQTZT	non-mineralized	N-AML	0.023	<0.5	15	155	1.92	60	361	0.5	<1	0.52	3.3	17	4.7	511	2.7	6.2	1.69	5	<1	0.63	10	16	0.15	464	2.7	0.07	21.9	343	33
K-10-0288	E781881	83.52	84.8	TQTZT	non-mineralized	N-AML	0.024	<0.5	14	269	2.24	82	301	0.6	<1	0.85	3	19	5.4	651	3.2	8.3	2.22	6	<1	0.62	10	36	0.28	958	2.7	0.06	30.8	406	37
K-10-0288	E781882	84.8	85.95	TQTZT	non-mineralized	N-AML	0.009	<0.5	15	264	2.68	33	448	0.7	<1	0.84	3.6	20	6.4	505	3.9	13.2	2.19	7	<1	0.9	9	16	0.31	379	2.9	0.1	33.2	599	52
K-10-0288	E781883	85.95	86.43	QTZT	non-mineralized	N-AML	0.008	<0.5	11	99.5	0.43	20	68	<0.5	<1	0.52	2	8	2.3	608	0.7	6.4	0.95	<5	<1	0.14	4	2	0.13	387	2.3	0.01	11.3	227	10
K-10-0288	E781884	86.43	88.04	GSCH	non-mineralized	P-AML	0.031	0.5	18	183	7.05	51	990	2.1	<1	0.58	1.5	22	11.3	353	7.6	17.3	4	19	<1	2.11	11	16	0.39	339	2	0.21	50.2	774	105
K-10-0288	E781885	88.04	89.61	GSCH	non-mineralized	N-AML	0.021	<0.5	16	126	6.56	69	801	1.8	<1	1.18	0.8	28	14.9	487	5.8	14.2	4.38	18	<1	2.04	13	9	0.53	408	2.2	0.18	53.6	772	86
K-10-0288	E781887	89.61	90.71	QTZT	non-mineralized	P-AML	0.044	2.8	36	40.8	0.57	317	189	<0.5	<1	0.43	1.9	12	2.4	461	0.8	3.8	1.52	<5	<1	0.2	6	2	0.14	599	2.7	0.01	10.7	243	11
K-10-0288	E781888	90.71	92.66	QTZT	non-mineralized	N-AML	0.007	<0.5	9	28.5	0.35	11	59	<0.5	<1	0.8	<0.5	8	2.2	620	<0.5	2.2	0.84	<5	<1	0.08	5	3	0.15	203	4	<0.01	8.8	230	<10
K-10-0288	E781889	92.66	93.53	QTZT	non-mineralized	P-AML	0.051	0.6	18	32.5	0.44	85	120	<0.5	1	0.62	<0.5	9	2	502	0.6	3.8	1.72	<5	<1	0.16	5	3	0.21	990	3	0.01	10.8	187	<10
K-10-0288	E781890	93.53	93.94	GSCH	non-mineralized	N-AML	0.063	0.5	15	111	3.7	253	387	1	1	0.97	1.8	32	7	547	5.3	4.3	2.42	10	<1	1.49	16	14	0.32	1140	2.8	0.12	32.1	585	81
K-10-0288	E781891	93.94	95.71	QTZT	non-mineralized	N-AML	0.006	<0.5	7	28.2	0.43	12	53	<0.5	<1	1.63	<0.5	9	2.2	512	<0.5	2.2	0.91	<5	<1	0.08	5	4	0.17	228	3	<0.01	8.2	244	<10
K-10-0288	E781892	95.71	96.7	QTZT	non-mineralized	N-AML	0.004	<0.5	11	49.9	2	12	317	0.5	<1	2.16	<0.5	24	4.2	430	2.5	4.2	1.5	5	<1	0.49	12	10	0.27	234	3	0.06	17.4	543	25
K-10-0288	E781894	96.7	98.76	QTZT	non-mineralized	N-AML	0.004	<0.5	7	28.1	0.58	7	77	<0.5	<1	1.22	<0.5	11	2.1	496	0.6	4.4	1.06	<5	<1	0.11	6	5	0.18	193	3.1	0.01	11.2	259	<10
K-10-0288	E781895	98.76	99.67	ICQS	non-mineralized	N-AML	<0.002	<0.5	12	108	2.98	21	442	0.9	<1	3.73	0.7	28	7	465	5.6	6.7	2.06	7	<1	0.73	16	9	0.35	483	2.1	0.08	28.8	601	38
K-10-0288	E781896	99.67	100.79	TQTZT	non-mineralized	N-AML	0.003	<0.5	12	36.4	1.06	4	181	<0.5	<1	1.99	<0.5	12	2.9	523	1.8	5.2	1.06	<5	<1	0.31	6	6	0.21	200	3	0.03	13.9	288	17
K-10-0288	E781897	100.79	103	TQTZT	non-mineralized	N-AML	0.009	<0.5	8	35.6	0.85	4	132	<0.5	<1	0.84	<0.5	12	3.3	552	1.1	1.6	0.98	<5	<1	0.22	6	10	0.12	159	2.9	0.04	10.9	172	12
K-10-0288	E781899	103	104.85	TQTZT	non-mineralized	N-AML	<0.002	<0.5	7	27	0.56	1	78	<0.5	<1	1.28	<0.5	8	1.8	489	0.6	3.7	0.94	<5	<1	0.12	4	7	0.2	234	2.3	0.01	9.8	172	<10
K-10-0288	E781900	104.85	107.7	TQTZT	non-mineralized	N-AML	0.005	<0.5	14	60.4	2.9	6	465	1.1	<1	1.72	<0.5	27	7.2	483	4.2	4.6	1.95	8	<1	0.73	14	13	0.34	238	3.4	0.1	27.5	618	40
K-10-0288	E781901	107.7	108.4	TQTZT	non-mineralized	N-AML	0.004	0.6	17	119	4.48	7	322	1.3	<1	1.62	<0.5	33	10.2	498	5.8	16.4	2.87	13	<1	1.24	16	19	0.7	294	3.1	0.15	43.8	1000	62
K-10-0294	E781954	104.88	106.81	CQTZT	non-mineralized	N-AML	0.01	0.25	4.6	24	1.32	6.2	140	0.33	0.05	0.86	0.15	15.6	2	48	1.68	7.6	1.05	3.61	0.013	0.25	9.1	4.7	0.16	79	0.51	0.04	11.8	360	15.9
K-10-0294	E781955	106.81	108.37	GSCH	non-mineralized	N-AML	<0.01	0.63	14.1	103	6.35	25.7	830	1.69	0.22	1.35	0.37	60.4	8.4	125	8.75	22.3	3	16.35	0.055	1.57	34.2	22.2	0.61	179	1.42	0.21	42.2	1060	96.9
K-10-0294	E781956	108.37	109.7	GSCH	non-mineralized	N-AML	<0.01	0.68	18.9	87	7.18	28.6	950	2.22	0.24	0.94	0.21	65.9	8	134	10.55	24.4	2.81	18.45	0.059	1.77	37.4	26.4	0.46	133	1.59	0.27	42.2	1110	108
K-10-0294	E781957	109.7	110.95	TQTZT	non-mineralized	N-AML	0.01	0.29	8.1	48	2.11	13.7	260	0.52	0.07	2.48	0.2	25.9	2.7	52	2.67	9.2	1.4	5.5	0.02	0.47	14.2	12.3	0.32	128	0.5	0.09	15.4	410	29
K-10-0294	E781958	110.95	112.36	TQTZT	non-mineralized	N-AML	<0.01	0.17	5.5	19	0.75	8.3	100	0.18	0.03	0.82	0.1	13.75	1.3	29	0.9	5.1	0.76	1.88	0.006	0.19	6.6	7.7	0.14	92	0.37	0.03	6.6	150	12.5
K-10-0294	E781959	112.36	114.25	TQTZT	non-mineralized	P-AML	<0.01	0.21	5.3	15	0.92	6.6	100	0.23	0.04	0.5	0.07	13.95	1.6	36	0.94	4.4	0.83	2.43	0.007	0.19	6.7	7.2	0.13	85	0.39	0.05	7.6	160	11.9
K-10-0294	E781960	114.25	115.86	TQTZT	non-mineralized	N-AML	<0.01	0.09	3.7	12	0.63	4.2	80	0.13	0.03	0.54	0.07	12.65	1.1	37	0.61	3.4	0.51	1.64	0.005	0.14	6.2	3.9	0.07	61	0.25	0.03	4.3	130	8.8
K-10-0294	E781962	116.23	117.04	ICQS	non-mineralized	N-AML	<0.01	0.45	12.7	89	6.19	22.1	710	1.62	0.18	1.31	0.34	69.3	7.9	101	7.39	18.7	2.94	15.6	0.054	1.38	35.8	21.7	0.63	158	1.07	0.22	38.6	730	85.2
K-10-0294	E781963	117.04	118.38	TQTZT	non-mineralized	N-AML	<0.01	0.09	2.8	25	1.02	3.8	100	0.3	0.04	0.81	0.13	14.55	1.9	46	0.88	3.9	0.79	2.72	0.01	0.17	7.7	6.7	0.13	98	0.26	0.03	8.1	210	10.8
K-10-0294	E781964	118.38	119.23	TQTZT	non-mineralized	N-AML	<0.01	0.38	8.7	52	3.35	18.4	470	0.91	0.11	0.99	0.23	37.9	4.8	77	3.88	12.2	1.99	8.35	0.027	0.75	20.7	13.1	0.29	145	0.8	0.12	24.1	610	44.3
K-10-0294	E781965	119.23	120.18	GSCH	non-mineralized	P-AML	0.03	0.81	16.1	107	6.93	39.5	400	2.24	0.22	2.82	0.61	76.4	9.1	126	9.68	20.2	3.9	18.05	0.063	1.79	45.3	42	0.77	335	1.19	0.42	47.7	1290	97.1
K-10-0294	E781967	120.18	122.08	TQTZT	non-mineralized	N-AML	<0.01	0.4	9.8	49	2.29	21.5	330	0.54	0.09	1.21	0.25	26.7	3.6	64	2.88	9.4	1.44	5.95	0.017	0.61	15.2	12.4	0.22	172	0.58	0.11	17.8	500	35.9
K-10-0294	E781968	122.08	123.88	TQTZT	non-mineralized	P-AML	0.01	0.1	3.9	19	1.02	72.3	200	0.32	0.05	0.74	0.15	15.35	2	40	1.25	4.2	0.81	2.8	0.011	0.33	8.1	3.7	0.14	192	0.33	0.03	9.7	230	20.4
K-10-0294	E781969	123.88	126	TQTZT	non-mineralized	N-AML	<0.01	0.13	5.4	30	1.18	27.5	190	0.28	0.06	0.8	0.17	20.5	2.7	47	1.39	8.1	1.12	3.16	0.01	0.33	11	6.4	0.31	148	0.5	0.04	11.5	270	21.2
K-10-0294	E781970	126	126.65	TQTZT	non-mineralized	N-AML	0.01	0.94	143	369	1.1	68.6	220	0.28	0.27	0.93	5.41	18.85	1.9	39	1.48	4.8	0.89	2.95	0.011	0.37	9.7	3.2	0.21	475	0.42	0.04	8.1	260	23
K-10-0294	E781972	126.65	127.82	QTZT	non-mineralized	P-AML	0.02	0.13	4.3	11	0.89	178	160	0.24	0.25	0.4	0.06	16.35	1.6	40	0.99	3.6	0.66	2.42	0.007	0.29	8.4	3.7	0.07	85	0.3	0.03	7.8	140	17.4
K-10-0294	E781973	127.82	129.92	QTZT	non-mineralized	N-AML	<0.01	0.06	2.9	13	0.54	22.1	80	0.12	0.04	0.28	0.05	12.25	1	34	0.45	2.9	0.42	1.38	<0.005	0.16	6.1	5.7	0.05	87	0.22	0.01	3.9	90	9.1
K-10-0294	E781974	129.92	131.82	QTZT	non-mineralized	N-AML	0.01	0.07	2.4	9	0.41	39.9	90	0.09	0.14	1.04	0.06	14.7	0.8	40	0.38	2	0.51	1.19	0.006	0.14	7.2	2.6	0.09	202	0.19	0.01	3	80	8
K-10-0294	E781975	131.82	132.73	QTZT	non-mineralized	N-AML	0.04	0.15	3.5	19	0.54	70.6	130	0.11	0.27	2.2	0.17	13.9	1.5	40	0.56	5.1	0.86	1.51	0.011	0.19	7	0.9	0.12	278	0.45	0.02	5.6	190	11
K-10-0294	E781976	132.73	133.75	TQTZT	non-mineralized	N-AML	0.03	0.62	12.2	102	3.92	79	640	1.01	0.19	1.53	0.83	43.1	6.3	63	4.66	15.7	1.64	10.3	0.032	1.24	22.1	10.9	0.23	239	0.75	0.1	25.7	490	77.9
K-10-0294	E781977	133.75	135.33	TQTZT	non-mineralized	N-AML	0.01	0.23	7	48	2.07	46.7	400	0.53	0.09	1.3	0.36	26.8	3.6	49	2.27	6.3	1.25	5.36	0.019	0.64	14.1	5.3	0.19	211	0.42	0.06	15.4	310	37.4
K-10-0294	E781978	135.33	137.24	TQTZT	non-mineralized	N-AML	0.01	0.95	87.2	267	2.3	87.7	290	0.52	0.08	3.98	2.75	28.9	3.3	53	2.53	8.5	1.33	5.83	0.034	0.68	15.1	6.3	0.22	619	0.38	0.05	14.1	820	41.8
K-10-0294	E781980	137.24	137.6	TQTZT	non-mineralized	N-AML	0.03	1.1	41.3	172	0.62	63.8	130	0.14	0.08	2.09	1.9	14.55	1.4	31	0.68	3.5	0.7	1.73	0.008	0.21	7.1	3.1	0.17	481	0.15	0.02	4.4	190	13.6
K-10-0294	E781981	137.6	138.87	VN	non-mineralized	P-AML	0.08	0.94	151	464	1.86	162.5	430	0.4	0.24	0.67	5.51	19.35	3.2	52	2.64	2.8	1.89	5.04	0.019	0.64	10.3	2.2	0.21	3110	0.97	0.05	14.3	300	37.8
K-10-0294	E781982	138.87	141.7	VN	non-mineralized	N-AML	<0.01	0.76	208	664	0.59	42.4	130	0.15	0.1	0.93	8.25	12.3	1.2	41	0.95	2.3	0.94	1.77	0.01	0.2	6.6	0.9	0.13	2240	0.3	0.02	5.2	140	13.3
K-10-0294	E781983	141.7	144.48	VN	non-mineralized	N-AML	0.04	0.45	50.6	278	0.47	40.4	100	0.11	0.12	1.62	3.25	11.95	1.1	30	0.57	2	0.8	1.34	0.009	0.16	5.9	1.1	0.23	997	0.14	0.01	3	140	10.3
K-10-0294	E781984	144.48	145	GSCH	non-mineralized	P-AML	<0.01	0.57	19.3	122	6.44	49.1	910	1.79	0.24	0.62	0.56	51.2	10.8	112	8.17	33	3.59	18.9	0.065	1.47	24.4	35.3	0.44	187	2.21	0.22	55.4	720	83.4
K-10-0294	E781986	145	146.6	TQTZT	non-mineralized	N-AML	<0.01	0.27	9.2	36	2.71	12.1	330	0.63	0.09	1.27	0.1	26.9	3.6	57	3.4	9.9	1.42	6.96	0.024	0.64	14.5	30.7	0.21	119	0.46	0.08	17.3	390	44.5
K-10-0294	E781987	146.6	147.52	TQTZT	non-mineralized	P-AML	<0.01	0.17	6.5	34	1.74	6.9	200	0.54	0.08	0.44	0.1	20.5	2.9	51	1.68	10.6	1.42	5.37	0.017	0.34	11.6	27.3	0.19	94	0.34	0.03	14.3	420	23.1
K-10-0294	E781988	147.52	149.83	TQTZT	non-mineralized	N-AML	<0.01	0.18	5.2	23	1.42	7	190	0.37	0.05	3.41	0.11	16	2.4	41	1.72	7.5	0.93	4.31	0.013	0.37	8.8	63	0.17	255	0.39	0.04	10.8	260	27.7
K-10-0294	E781989	149.83	151.65	TQTZT	non-mineralized	P-AML	0.02	0.16	4.4	14	0.72	5.5	110	0.2	0.03	0.29	0.07	12.7	1.8	43	0.74	5.1	0.6	2.26	0.006	0.18	6.9	6.8	0.1	42	0.32	0.02	8.1	220	11.2
K-10-0294	E781990	151.65	153.9	TQTZT	non-mineralized	N-AML	<0.01	0.11	4	29	1.45	7	140	0.35	0.05	1.19	0.13	15.75	3.4	50	1.1	7.7	1.43	4.44	0.015	0.21	8.5	9.7	0.38	142	0.31	0.03	12.8	240	12.7
K-10-0294	E781992	153.9	154.5	TQTZT	non-mineralized	N-AML	0.01	0.1	3.8	15	0.41	5.3	20	0.05	0.02	0.74	0.06	10.55	1.5	32	0.17	4.1	0.93	1.34	0.017	0.03	5	31.6	0.26	117	0.18	0.01	7.5	130	2.2
K-10-0294	E782011	154.5	155.02	GSCH	non-mineralized	P-AML	<0.01	0.39	22.7	56	6.5	24	720	2.04	0.2	0.43	0.14	36.5	7.4	101	8.84	15.9	2.35	15.85	0.053	1.13	18	58.6	0.3	126	0.9	0.25	31.6	490	63.8
K-10-0294	E781993	155.02	155.68	TQTZT	non-mineralized	P-AML	<0.01	0.37	18.7	50	3.85	19.5	330	1.09	0.14	0.56	0.19	21.9	7.3	71	4.16	19.7	2.25	11.3	0.033	0.52	11	54.4	0.29	139	0.71	0.13	29.5	370	31.7
K-10-0294	E781995	155.68	156.92	TQTZT	non-mineralized	N-AML	0.01	0.52	15.5	45	5.18	25.2	630	1.84	0.18	0.83	0.19	32.1	8.4	91	6.62	25.8	2.1	16.2	0.046	1.01	16.8	80.6	0.35	154	1.11	0.21	31.2	340	63.2
K-10-0294	E781996	156.92	157.65	QTZT	non-mineralized	N-AML	<0.01	0.1	4.3	17	0.55	3.8	40	0.09	0.05	0.27	0.12	11.35	1.5	32	0.36	5.7	0.71	1.73	0.006	0.07	5.5	5.9	0.12	63	0.24	0.01	6.3	100	4.1
K-10-0294	E781997	157.65	159.63	QTZT	non-mineralized	N-AML	0.01	0.08	3.2	13	0.58	3.2	60	0.15	0.03	0.73	0.1	10.15	1.2	32	0.57	3.9	0.68	1.69	0.005	0.1	5.3	8.7	0.2	90	0.23	0.03	5.3	160	5.8
K-10-0294	E781998	159.63	161.38	QTZT	non-mineralized	N-AML	<0.01	0.1	4.4	12	0.6	5.3	70	0.2	0.03	1.62	0.08	9.48	1.6	30	0.65	3.7	0.88	1.85	0.005	0.12	5.2	12.5	0.5	118	0.3	0.03	7.3	160	7.5
K-10-0294	E781999	161.38	163	QTZT	non-mineralized	N-AML	0.01	0.1	17.4	53	0.36	14.9	50	0.09	0.03	0.99	0.59	7.98	0.9	27	0.32	2	0.68	1.2	0.005	0.1	4.3	3.6	0.29	697	0.19	0.01	3.5	110	5.9
K-10-0294	E782000	163	164.55	QTZT	non-mineralized	N-AML	<0.01	0.07	2.2	9	0.36	1.6	50	0.17	0.02	5.6	0.05	6.48	0.9	18	0.26	2.2	1.92	1.1	<0.005	0.06	3.5	3.1	1.79	346	0.18	0.01	2.9	190	3.3
K-10-0294	E782001	164.55	166.48	QTZT	non-mineralized	N-AML	<0.01	0.09	2.3	11	0.36	2	60	0.16	0.04	0.15	0.09	8.66	0.8	35	0.33	3	0.34	0.99	<0.005	0.07	4.4	7.8	0.03	29	0.22	0.02	2.9	130	4.3
K-10-0294	E782002	166.48	168.04	QTZT	non-mineralized	N-AML	<0.01	0.07	2.4	9	0.4	1.8	60	0.21	0.04	0.93	0.06	8.4	0.8	32	0.33	3	0.55	1.08	<0.005	0.07	4.4	10.4	0.29	81	0.23	0.03	3.3	120	4
K-10-0294	E782003	168.04	169.89	QTZT	non-mineralized	N-AML	<0.01	0.33	9.4	55	3.56	12.5	950	0.95	0.12	2.16	0.18	34.8	6.1	67	3.4	19.5	2.45	9.3	0.032	0.75	18.4	12.4	0.59	248	1.64	0.11	27.7	480	41.5
K-10-0294	E782005	169.89	170.23	SSCH	non-mineralized	N-AML	<0.01	0.55	10.9	93	4.64	5.2	3610	1.35	0.23	0.85	0.06	45.8	11	60	4.28	74.9	2.86	13.95	0.052	1.13	21.1	53	0.97	876	0.79	0.09	44.1	360	65.1
K-10-0294	E782006	170.23	171.91	QTZT	non-mineralized	P-AML	0.01	0.29	6	36	2.32	8.5	1150	0.62	0.11	0.73	0.09	23.3	2.8	59	2.18	26.5	1.12	6.7	0.021	0.66	13	7.4	0.28	186	0.55	0.07	13.6	320	35.5
K-10-0294	E782007	171.91	173	QTZT	non-mineralized	N-AML	0.01	0.11	2.4	10	0.52	4.8	160	0.16	0.03	0.18	0.03	10.95	0.9	45	0.48	4	0.44	1.4	<0.005	0.2	5.7	3.9	0.05	52	0.22	0.02	3.6	140	7.4
K-10-0294	E782010	173.38	174.08	QTZT	non-mineralized	N-AML	<0.01	0.1	5.9	55	0.49	5	80	0.13	0.04	0.24	0.39	9.86	0.8	35	0.4	4.2	0.51	1.34	0.011	0.12	5.1	5.9	0.07	41	0.21	0.02	3.9	160	5.9
K-10-0294	E782012	174.08	175.89	QTZT	non-mineralized	N-AML	<0.01	0.07	3.6	7	0.54	4.2	80	0.15	0.03	0.22	0.03	11.55	0.8	37	0.37	2.9	0.54	1.38	<0.005	0.12	6.1	5.1	0.06	37	0.2	0.01	3.3	150	5.4
K-10-0294	E782013	175.89	177.88	QTZT	non-mineralized	N-AML	<0.01	0.06	2.3	3	0.38	3.8	70	0.12	0.03	0.2	0.02	9.65	0.6	35	0.35	2.1	0.35	1.02	<0.005	0.12	4.9	2.7	0.03	35	0.2	0.01	2.1	130	4.9
K-10-0294	E782014	177.88	179.67	QTZT	non-mineralized	N-AML	<0.01	0.05	2.2	2	0.35	2.5	70	0.13	0.03	0.21	<0.02	8.44	0.6	35	0.3	2	0.29	0.95	<0.005	0.11	4.4	2.9	0.03	31	0.14	0.01	1.9	120	4.3
K-10-0294	E782016	179.67	181.56	QTZT	non-mineralized	N-AML	<0.01	0.06	2.1	3	0.32	2.7	70	0.15	0.02	0.26	<0.02	8.84	0.6	31	0.29	2.6	0.28	0.97	<0.005	0.11	4.5	5.5	0.07	34	0.15	0.01	1.9	120	4.6
K-10-0294	E782017	181.56	183.51	QTZT	non-mineralized	N-AML	<0.01	0.08	2.5	4	0.31	2.8	70	0.12	0.03	0.14	0.02	11.75	0.7	35	0.3	2.7	0.3	1	<0.005	0.1	6.1	6.2	0.04	31	0.18	0.01	2.3	130	4.4
K-10-0294	E782018	183.51	185.35	QTZT	non-mineralized	N-AML	<0.01	0.07	2.3	7	0.29	2.8	60	0.12	0.02	0.38	0.03	8.83	0.7	31	0.26	2.8	0.37	0.91	<0.005	0.09	4.6	5.7	0.1	57	0.18	0.01	3	130	4
K-10-0294	E782019	185.35	185.9	QTZT	non-mineralized	N-AML	<0.01	0.14	3.5	15	1.04	8.2	120	0.35	0.04	0.35	0.05	16.45	1.8	40	1	5	0.86	2.96	0.009	0.2	8.5	13.4	0.15	61	0.58	0.03	9.1	160	10.4
K-10-0294	E782021	187	187.6	TQTZT	non-mineralized	P-AML	<0.01	0.2	6.6	22	0.93	7.4	140	0.28	0.05	0.34	0.14	22.2	1.5	34	1.25	6.5	0.74	2.5	0.011	0.26	14.4	6.2	0.08	29	0.46	0.04	9.4	1030	14.2

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	Au_ppm	Ag_ppm	Pb_ppm	Zn_ppm	Al_pct	Ars_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Ni_ppm	P_ppm	Rb_ppm
K-10-0294	E782022	187.6	188.6	TQTZT	non-mineralized	P-AML	0.01	0.57	17.6	35	2.75	24	420	1.02	0.13	0.66	0.24	40.2	5	77	4.66	12.6	1.59	7.15	0.025	0.78	24.3	11.1	0.14	52	1.14	0.13	25.5	2160	43.4
K-10-0294	E782023	188.6	189.81	TQTZT	non-mineralized	P-AML	0.01	0.99	26.8	114	6.65	48.2	1000	2.56	0.25	0.34	0.64	65.1	10.3	118	12.35	36.4	2.12	18.3	0.065	1.85	35.3	28.9	0.25	44	2.09	0.35	46.6	620	94.2
K-10-0294	E782026	190.11	191.47	TQTZT	non-mineralized	P-AML	0.02	0.77	18.6	57	3.27	29.9	470	1.06	0.13	0.32	0.29	32.1	4.7	82	5.35	13.2	1.65	8.37	0.032	0.9	19.2	18.3	0.13	47	0.81	0.16	23.7	680	49.9
K-10-0294	E782027	191.47	192.54	TQTZT	non-mineralized	N-AML	<0.01	0.12	3.5	19	0.36	2.8	70	0.09	0.04	0.88	0.15	9.55	0.7	29	0.49	3.8	0.58	1.08	0.005	0.11	5.1	3.5	0.37	105	0.17	0.02	3.1	150	5.8
K-10-0294	E782029	192.88	193.74	QTZT	non-mineralized	N-AML	0.02	0.15	3.4	4	0.24	5.9	60	0.06	0.04	0.08	0.02	9.16	0.9	37	0.3	2.8	0.42	0.79	<0.005	0.08	4.8	1.6	0.02	25	0.25	0.01	2.9	210	4.3
K-10-0294	E782031	193.74	195.78	QTZT	non-mineralized	N-AML	<0.01	0.07	2.8	6	0.33	3.4	70	0.1	0.03	0.05	0.02	10.65	0.8	43	0.31	2.7	0.32	1	<0.005	0.1	5.6	2.3	0.02	23	0.22	0.01	2.6	150	4.6
K-10-0294	E782032	195.78	197.83	QTZT	non-mineralized	N-AML	<0.01	0.06	3	7	0.4	2.9	80	0.12	0.03	0.05	0.03	11.35	0.8	45	0.34	2.6	0.3	1.14	<0.005	0.12	5.9	2.3	0.02	24	0.2	0.01	2.8	160	5.5
K-10-0294	E782033	197.83	199.75	QTZT	non-mineralized	N-AML	<0.01	0.07	3	8	0.37	16.3	70	0.11	0.03	0.07	0.03	12.3	0.9	36	0.35	2.8	0.3	1.12	<0.005	0.11	6.4	2.6	0.03	28	0.18	0.01	2.8	180	5.2
K-10-0294	E782034	199.75	202.25	QTZT	non-mineralized	N-AML	<0.01	0.07	3	9	0.46	4.8	90	0.14	0.03	0.11	0.04	14.2	0.9	46	0.4	2.8	0.34	1.29	0.005	0.14	7.4	3	0.03	31	0.2	0.02	2.9	380	6.3
K-10-0294	E782035	202.25	204.29	QTZT	non-mineralized	N-AML	0.01	0.08	2.3	6	0.35	7.8	80	0.11	0.03	0.06	0.03	12.75	0.8	45	0.3	2.3	0.24	1.03	<0.005	0.11	6.7	2.4	0.02	22	0.18	0.01	2.5	150	5.2
K-10-0294	E782036	204.29	205.82	QTZT	non-mineralized	N-AML	0.01	0.07	3.2	7	0.33	28.5	70	0.08	0.03	0.07	0.05	10.3	0.7	41	0.3	2.2	0.27	1	<0.005	0.12	5.4	1.2	0.02	27	0.17	0.01	2.3	160	5.5
K-10-0294	E782037	205.82	207.68	QTZT	non-mineralized	N-AML	<0.01	0.08	2.8	8	0.46	7.6	90	0.13	0.04	0.07	0.05	13.45	0.9	39	0.39	2.6	0.3	1.31	0.005	0.15	7	1.4	0.02	26	0.2	0.02	2.9	180	7.1
K-10-0294	E782038	207.68	209.6	QTZT	non-mineralized	N-AML	<0.01	0.33	17.1	9	0.32	3.5	70	0.07	0.03	0.05	0.08	12.75	0.7	38	0.31	3.1	0.27	0.98	<0.005	0.11	6.6	1	0.02	29	0.19	0.01	2.2	150	5.2
K-10-0294	E782040	209.6	212.23	QTZT	non-mineralized	N-AML	<0.01	0.16	3.2	9	0.3	6.5	60	0.1	0.04	0.21	0.03	13.9	1.1	46	0.28	3.2	0.45	1.04	<0.005	0.1	7	5	0.07	37	0.24	0.13	3.8	280	4.8
K-10-0294	E782041	212.23	214.58	QTZT	non-mineralized	N-AML	<0.01	0.06	2.2	9	0.34	4.7	70	0.11	0.03	0.14	0.04	10.85	0.9	36	0.38	2.8	0.3	1.11	<0.005	0.11	5.7	7	0.06	29	0.18	0.01	3	140	6.1
K-10-0294	E782042	214.58	215.91	QTZT	non-mineralized	N-AML	0.01	0.07	2.8	11	0.49	5.6	80	0.13	0.04	0.13	0.03	10.65	1.2	34	0.48	6.9	0.41	1.54	<0.005	0.13	5.5	5.4	0.07	33	0.17	0.01	5.4	140	7.6
K-10-0294	E782043	215.91	217.14	TQTZT	non-mineralized	N-AML	<0.01	0.26	8.4	42	2.85	16.1	400	0.86	0.11	1.21	0.11	32.2	4.6	48	3.18	32.7	1.56	7.91	0.023	0.74	17.2	16.8	0.55	131	0.55	0.08	21.7	550	41.4
K-10-0294	E782044	217.14	219.23	TQTZT	non-mineralized	N-AML	<0.01	0.14	4	25	2.25	11.4	340	0.96	0.08	0.17	0.05	25.6	3.6	57	2.96	19.8	0.82	6.67	0.021	0.6	13.6	10	0.11	44	0.38	0.08	14.2	290	35.6
K-10-0294	E782045	219.23	221.27	TQTZT	non-mineralized	N-AML	<0.01	0.08	2.2	6	0.45	4.2	90	0.13	0.04	0.09	0.03	11.5	1	38	0.54	4.8	0.37	1.4	<0.005	0.14	6	2.6	0.03	28	0.22	0.02	3.7	180	8
K-10-0294	E782046	221.27	223.4	TQTZT	non-mineralized	P-AML	<0.01	0.18	6.9	16	0.85	8.3	140	0.3	0.06	0.1	0.09	18.8	2.1	45	0.98	5.9	0.72	2.51	0.01	0.23	9.9	4.3	0.04	28	0.45	0.03	9	330	12.9
K-10-0294	E782047	223.4	225.53	TQTZT	non-mineralized	N-AML	<0.01	0.06	2.5	6	0.31	1.7	60	0.1	0.03	0.07	0.03	10.2	0.8	43	0.35	3.1	0.3	0.97	<0.005	0.1	5.4	3.6	0.03	26	0.16	0.06	2.9	120	5.5
K-10-0294	E782049	225.53	226.87	TQTZT	non-mineralized	N-AML	<0.01	0.08	2.3	7	0.32	2.4	50	0.07	0.02	0.14	0.04	11.9	0.8	35	0.39	3	0.53	1.04	<0.005	0.09	6.2	3.2	0.05	58	0.2	0.01	3.3	130	5.4
K-10-0294	E782050	226.87	228.4	GSCH	non-mineralized	P-AML	0.01	0.87	22.7	49	5.45	35.4	680	1.62	0.21	0.51	0.24	67.6	8.6	118	8.81	22.4	3.18	14.55	0.046	1.6	37.4	13.9	0.21	136	1.47	0.18	37	1040	100.5
K-10-0294	E782051	228.4	229.82	QTZT	non-mineralized	N-AML	<0.01	0.6	9.5	40	1.59	16.5	70	0.24	0.02	1.31	0.23	14.7	8.2	60	0.9	36.1	1.86	4.6	0.018	0.19	7.3	19.3	0.49	330	0.35	0.05	18.2	300	18.1
K-10-0294	E782053	229.82	231.48	QTZT	non-mineralized	P-AML	<0.01	0.84	31.5	57	1.19	6.9	170	0.38	0.05	0.11	0.5	19.45	2	53	1.66	5.5	0.56	3.06	0.011	0.34	10.2	7.5	0.05	48	0.27	0.06	8.1	240	18.8
K-10-0294	E782054	231.48	232.87	QTZT	non-mineralized	N-AML	<0.01	0.16	4.6	9	0.31	1.6	70	0.1	0.03	0.06	0.07	10.2	0.7	41	0.36	2.3	0.21	0.95	<0.005	0.11	5.3	1.8	0.02	22	0.13	0.01	2.6	130	6.3
K-10-0294	E782055	232.87	234.4	QTZT	non-mineralized	N-AML	<0.01	0.39	10.4	16	0.38	2.3	80	0.1	0.03	0.06	0.16	11.55	0.9	39	0.46	3	0.23	1.09	<0.005	0.14	6	1.2	0.02	26	0.17	0.01	3	150	8.8
K-10-0294	E782056	234.4	236.28	QTZT	non-mineralized	N-AML	<0.01	0.32	17.8	25	0.3	2.7	60	0.09	0.03	0.05	0.25	9.72	0.8	39	0.4	1.9	0.29	0.93	<0.005	0.11	5	0.7	0.01	53	0.15	0.01	2.8	150	6.4
K-10-0294	E782058	236.28	238.58	QTZT	non-mineralized	N-AML	<0.01	0.2	9.6	28	0.41	1.8	70	0.15	0.02	0.09	0.16	13.05	0.9	40	0.52	1.6	0.29	1.07	0.006	0.14	6.4	0.6	0.03	182	0.17	<0.01	2.7	170	9
K-10-0294	E782060	239.53	242.01	QTZT	non-mineralized	P-AML	0.02	1.08	78.3	205	0.78	23.3	140	0.22	0.03	0.1	1.98	13.15	1.6	46	1.11	1.9	0.53	1.99	0.007	0.26	6.7	1.2	0.04	243	0.25	0.01	5.5	240	16
K-10-0294	E782061	242.01	244.34	QTZT	non-mineralized	N-AML	<0.01	0.54	20.9	115	0.4	19.9	70	0.09	0.04	0.07	1.33	11.05	0.9	35	0.53	2.5	0.35	1.2	0.009	0.14	6.4	1.1	0.02	175	0.23	0.01	3.1	150	9.2
K-10-0294	E782062	244.34	246.37	QTZT	non-mineralized	N-AML	0.01	0.18	3.6	13	0.44	11.9	80	0.12	0.04	0.06	0.13	12.3	0.9	57	0.52	2.3	0.3	1.24	<0.005	0.15	7.1	1.7	0.02	55	0.18	0.02	9.1	180	9.3
K-10-0294	E782063	246.37	248.11	QTZT	non-mineralized	N-AML	0.01	0.25	9.2	17	0.33	18.4	60	0.1	0.05	0.83	0.17	11.45	0.9	42	0.39	2.4	0.74	1.04	0.005	0.12	6.5	0.9	0.29	220	0.25	0.01	3.1	250	6.9
K-10-0294	E782065	248.11	249.42	QTZT	non-mineralized	N-AML	0.01	0.35	8.2	27	0.31	29.4	60	0.08	0.02	0.06	0.26	9.68	0.9	33	0.4	2.3	0.31	0.98	<0.005	0.11	5.6	0.9	0.02	52	0.2	0.01	2.5	170	7.2
K-10-0294	E782066	249.42	251.16	QTZT	non-mineralized	N-AML	0.03	0.26	3.8	12	0.42	27.7	80	0.12	0.02	1.55	0.09	9.39	1.3	33	0.59	3.6	1	1.19	<0.005	0.14	5.6	2.1	0.6	244	0.18	0.02	5.8	410	9.6
K-10-0294	E782067	251.16	252.5	GSCH	non-mineralized	P-AML	0.01	0.41	13.1	60	7.18	39.4	940	2.25	0.24	0.29	0.14	56.1	11.4	86	10.3	23.4	2.05	20.9	0.06	1.87	26.6	19.8	0.3	76	1.18	0.24	46.1	590	117
K-10-0294	E782068	252.5	254.2	TQTZT	non-mineralized	P-AML	<0.01	1.2	21.7	51	2.16	22.2	230	0.69	0.06	0.59	0.4	18.25	4	44	3.66	10.2	2.34	5.59	0.017	0.5	8.7	34.1	0.35	387	0.54	0.08	20	220	39.4
K-10-0294	E782069	254.2	254.93	TQTZT	non-mineralized	P-AML	0.01	0.51	14.7	699	0.97	8.8	110	0.25	0.03	0.52	8.21	8.53	2.5	28	1.59	4.4	1.37	2.59	0.024	0.28	4.5	10.8	0.23	730	0.25	0.04	11.8	280	32
K-10-0294	E782071	254.93	256.17	GSCH	non-mineralized	N-AML	0.01	0.84	13.9	102	9.43	24.8	1540	2.33	0.2	0.76	0.22	66.9	15.3	106	9.73	26.7	4.54	25.6	0.079	1.77	31.2	26.9	0.62	287	1.06	0.2	55.9	850	126
K-10-0294	E782072	256.17	257.25	GSCH	non-mineralized	N-AML	<0.01	0.37	18.8	147	10.4	26.1	1760	3.12	0.23	1.05	0.49	76.9	13.7	121	11.9	29.9	4.31	28.6	0.097	2.15	36.8	44.3	0.7	250	1.47	0.3	58.8	940	132.5
K-10-0294	E782073	257.25	258.56	TQTZT	non-mineralized	N-AML	<0.01	0.58	41.7	96	0.7	7.9	110	0.14	0.05	0.32	1.17	14.8	1.9	34	0.99	3.1	1.7	2.52	0.019	0.23	7.7	1	0.16	3740	0.32	0.02	6.9	210	19.7
K-10-0294	E782074	258.56	260.3	TQTZT	non-mineralized	N-AML	0.01	1.95	258	895	1.33	7.1	230	0.49	0.06	1.94	11.1	21	2.7	41	1.95	7.7	1.78	3.43	0.023	0.37	10.8	19.3	0.73	2450	0.47	0.05	11.2	330	27.6
K-10-0294	E782075	260.3	262.47	TQTZT	non-mineralized	N-AML	0.01	0.83	50	80	1.48	7.5	260	0.58	0.06	2.7	0.88	20	2.6	41	2.18	5.7	1.57	3.73	0.013	0.4	10.4	17.3	0.86	537	0.42	0.05	10.1	460	28.4
K-10-0294	E782076	262.47	263.35	TQTZT	non-mineralized	N-AML	<0.01	0.47	9	42	1.14	5.1	180	0.39	0.06	0.63	0.37	21.1	2.5	37	1.26	6.7	1.13	2.98	0.013	0.24	10.3	15.9	0.16	181	0.42	0.03	8.4	240	19.4
K-10-0294	E782077	263.35	264.45	TQTZT	non-mineralized	N-AML	<0.01	0.13	8.2	36	1.22	4.8	180	0.48	0.05	1.48	0.33	23.4	2.8	41	1.35	6.1	1.57	3.2	0.014	0.23	11.3	17.1	0.28	190	0.48	0.04	9.6	280	16.5
K-10-0294	E782079	264.45	265.88	GSCH	non-mineralized	N-AML	<0.01	0.59	24.7	141	8.52	25.1	1460	2.2	0.29	1.56	0.82	71.8	16.2	122	11	32.7	4.57	22.6	0.076	1.62	34.4	53.9	0.73	252	2.25	0.26	63.4	810	97.1
K-10-0294	E782080	265.88	267.83	TQTZT	non-mineralized	N-AML	<0.01	0.11	9.2	68	1.3	4.8	210	0.47	0.05	0.9	0.71	24.7	2.7	41	1.4	5.2	1.89	3.33	0.016	0.23	12	22.9	0.26	219	0.4	0.05	8.2	270	15.3
K-10-0294	E782081	267.83	269.94	TQTZT	non-mineralized	N-AML	<0.01	<0.5	11	34	1.62	<5	240	<0.5	<2	1	<0.5		3	37		6	1.49	<10		0.28	30		0.23	169	<1	0.06	11	270	
K-10-0294	E782083	269.94	270.46	TQTZT	non-mineralized	N-AML	<0.01	0.5	20	50	1.49	5	290	0.5	<2	1.58	<0.5		2	40		11	1.24	<10		0.29	30		0.22	168	<1	0.06	12	430	
K-10-0294	E782084	270.46	272.49	TQTZT	non-mineralized	N-AML	0.02	0.7	6	37	1.99	<5	280	0.7	<2	3.38	<0.5		3	54		7	1.6	<10		0.38	30		0.35	142	<1	0.1	11	500	
K-10-0294	E782085	272.49	273.64	TQTZT	non-mineralized	N-AML	<0.01	1.3	39	129	0.71	7	80	<0.5	<2	0.62	1.5		2	31		4	0.53	<10		0.22	10		0.12	517	<1	0.03	6	160	
K-10-0294	E782086	273.64	275.54	TQTZT	non-mineralized	N-AML	<0.01	<0.5	3	11	0.53	6	30	<0.5	<2	2.57	<0.5		<1	29		3	0.95	<10		0.12	10		0.65	195	<1	0.02	3	130	
K-10-0294	E782087	275.54	277.66	TQTZT	non-mineralized	P-AML	<0.01	<0.5	4	30	1.44	11	170	<0.5	<2	0.58	<0.5		3	50		7	0.62	10		0.32	10		0.1	52	<1	0.08	10	180	
K-10-0294	E782088	277.66	278.93	TQTZT	mineralized	P-AML	<0.01	<0.5	<2	6	0.35	<5	20	<0.5	<2	0.6	<0.5		<1	45		3	0.44	<10		0.09	10		0.07	81	<1	0.02	<1	80	
K-10-0294	E782090	280.1	280.6	VM	non-mineralized	N-AML	<0.01	52.9	2360	2270	4.52	52	390	1	<2	0.85	25.1		15	67		74	5.54	20		1.47	20		0.69	12500	<1	0.07	35	500	
K-10-0294	E782092	280.6	281.64	ICQS	non-mineralized	P-AML	<0.01	4.1	505	1220	2.34	11	460	0.6	<2	0.23	14		4	47		4	2.63	10		0.73	20		0.15	6180	<1	0.1	12	800	
K-10-0294	E782094	282.2	283.01	TQTZT	non-mineralized	N-AML	<0.01	1.8	114	192	1.58	15	300	<0.5	<2	2.01	2.1		3	39		3	1.06	<10		0.49	10		0.17	766	<1	0.08	7	470	
K-10-0294	E782095	283.01	284.68	TQTZT	non-mineralized	N-AML	<0.01	0.8	14	35	1.39	8	270	<0.5	<2	2.26	<0.5		2	40		4	0.98	<10		0.39	10		0.14	257	<1	0.07	8	460	
K-10-0294	E782096	284.68	285.83	TQTZT	non-mineralized	N-AML	<0.01	3.4	317	600	3.43	26	620	1	<2	0.89	6.6		4	62		8	2	10		1.03	20		0.22	2410	<1	0.13	18	550	
K-10-0294	E782098	285.83	287.73	QTZT	non-mineralized	P-AML	<0.01	0.6	68	203	0.42	7	50	<0.5	<2	0.38	2.4		1	23		1	0.56	<10		0.14	10		0.13	530	<1	0.02	1	160	
K-10-0294	E782099	287.73	288.85	QTZT	non-mineralized	P-AML	<0.01	<0.5	3	12	0.33	<5	30	<0.5	<2	0.7	<0.5		1	28		2	0.78	<10		0.11	10		0.21	105	<1	0.01	1	120	
K-10-0294	E782100	288.85	290.72	QTZT	non-mineralized	P-AML	<0.01	<0.5	5	15	0.44	7	50	<0.5	<2	0.72	<0.5		1	29		3	0.76	<10		0.13	10		0.24	62	<1	0.02	4	160	
K-10-0294	E782101	290.72	291.2	TQTZT	non-mineralized	N-AML	<0.01	0.48	60.9	143	0.84	13.4	150	0.23	0.03	0.98	1.55	11.2	2	30	1.34	3.2	0.95	2.03	0.011	0.27	5.7	2.4	0.31	474	0.2	0.03	6.7	210	17
K-10-0294	E782102	291.2	293.83	TQTZT	non-mineralized	P-AML	<0.01	0.83	9.7	27	0.93	28.8	160	0.25	0.03	0.35	0.33	13.35	2.4	35	1.25	8.5	0.81	2.3	0.009	0.31	6.5	1.7	0.1	200	0.23	0.03	7.6	220	18.3
K-10-0294	E782103	293.83	294.3	TQTZT	non-mineralized	P-AML	<0.01	1.2	34.1	82	3.58	35.8	590	1.07	0.11	0.17	0.82	37.7	5.4	73	4.5	9.2	1.22	9.24	0.031	1.08	18.6	6.1	0.13	461	0.5	0.08	17.2	610	57.8

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-10-0268	E773356	47	48.45	QTZT	non-mineralized	N-AML	0.005	2	<1	<10	<5	3	<10	<10	<5	0.04	<5	<5	4.6	<1	2	13
K-10-0266	E757298	78.76	80.73	QTZT	non-mineralized	N-AML	0.005	8	1	<10	<5	18	<10	<10	<5	0.06	<5	<5	22.6	<1	2	24
K-06-0018	C214136	47	49	QTZT	non-mineralized	N-AML	0.17	<5				22				0.11			24	<10		
K-10-0266	E757316	106.74	108.28	QTZT	non-mineralized	N-AML	0.01	6	2	<10	<5	17	<10	<10	<5	0.04	<5	<5	26.5	<1	2	17
K-10-0268	E773392	100.46	102.41	TQTZT	non-mineralized	N-AML	0.005	1	2	<10	<5	22	<10	<10	<5	0.06	<5	<5	16	<1	3	13
K-10-0266	E757333	128.4	130.27	QTZT	non-mineralized	N-AML	0.07	7	7	<10	<5	100	<10	<10	<5	0.14	<5	<5	92.5	1	3	31
K-10-0266	E757384	203.14	205.29	QTZT	non-mineralized	N-AML	0.08	<5	1			7			<20	0.09	<10	<10	7	<10		
K-10-0268	E773462	205.04	206.98	QTZT	non-mineralized	P-AML	0.31	<5	1			12			<20	0.07	<10	<10	20	<10		
K-10-0266	E757358	163.56	165.67	QTZT	non-mineralized	N-AML	0.08	5	<1	<10	<5	13	<10	<10	<5	0.02	<5	<5	5.8	<1	1	11
K-06-0018	C214169	102	104	QTZT	non-mineralized	P-AML	0.66	<5				43				0.13			44	<10		
K-06-0018	C214191	138	140	QTZT	non-mineralized	N-AML	0.22	13				27				0.11			22	<10		
K-06-0018	C214147	65	67	QTZT	non-mineralized	P-AML	1.61	<5				208				0.4			131	<10		
K-06-0018	C214218	172.5	174	QTZT	non-mineralized	P-AML	0.48	6				12				0.08			18	<10		
K-10-0268	E773416	138.78	139.72	TQTZT	non-mineralized	P-AML	0.41	1	4	<10	<5	58	<10	<10	<5	0.06	<5	<5	51.3	<1	3	28
K-10-0268	E773449	186.27	188.15	TQTZT	non-mineralized	P-AML	0.63	8	5			54			<20	0.2	<10	<10	61	<10		
K-10-0266	E757306	90.65	92.72	TQTZT	non-mineralized	N-AML	0.19	4	4	<10	<5	72	<10	<10	<5	0.13	<5	<5	61.4	<1	4	27
K-10-0268	E773373	72.15	74.17	GSCH	non-mineralized	N-AML	0.24	4	10	<10	<5	163	<10	<10	6	0.19	<5	<5	161	<1	3	62
K-10-0268	E773361	55.93	58.28	TQTZT	non-mineralized	N-AML	0.03	1	5	<10	<5	81	<10	<10	<5	0.14	<5	<5	53.9	<1	5	27
K-10-0268	E773399	111.65	113.85	TQTZT	non-mineralized	N-AML	0.64	2	7	<10	<5	114	<10	<10	<5	0.1	<5	<5	105	<1	4	35
K-10-0266	E757362	170.15	172.52	TQTZT	non-mineralized	N-AML	1.04	10	5	<10	<5	114	<10	<10	11	0.15	<5	<5	80.1	<1	3	31
K-06-0018	C214179	118	120	QTZT	non-mineralized	N-AML	0.97	<5				97				0.14			42	<10		
K-06-0018	C214233	196	198	GSCH	non-mineralized	N-AML	1.44	8				117				0.33			117	<10		
K-10-0266	E757401	218.12	219.76	TQTZT	non-mineralized	N-AML	0.21	<5	1			35			<20	0.07	<10	<10	14	<10		
K-10-0272	E757491	305.42	306.93	TQTZT	non-mineralized	N-AML	0.19	1	4	<10	<5	99	<10	<10	<5	0.05	<5	<5	41.5	<1	5	28
K-06-0017	C213945	7.6	9.5	QTZT	non-mineralized	N-AML	0.02	<5				50				0.07			14	<10		
K-06-0017	C213946	9.5	11	QTZT	non-mineralized	N-AML	0.01	<5				16				0.07			12	<10		
K-06-0017	C213947	11	12.5	QTZT	non-mineralized	N-AML	0.05	<5				45				0.09			20	<10		
K-06-0017	C213948	12.5	14	QTZT	non-mineralized	N-AML	0.02	<5				208				0.32			102	<10		
K-06-0017	C213950	14	15.5	QTZT	non-mineralized	N-AML	0.01	5				30				0.11			21	<10		
K-06-0017	C213951	15.5	17.1	QTZT	mineralized	P-AML	0.01	<5				11				0.08			10	<10		
K-06-0017	C213952	17.1	18.6	QTZT	non-mineralized	N-AML	0.08	<5				152				0.3			87	<10		
K-06-0017	C213953	18.6	20.1	QTZT	mineralized	P-AML	0.11	<5				105				0.34			116	<10		
K-06-0017	C213954	20.1	21.6	QTZT	non-mineralized	P-AML	0.31	<5				78				0.23			69	<10		
K-06-0017	C213955	21.6	23.2	QTZT	non-mineralized	N-AML	0.13	<5				51				0.18			48	<10		
K-06-0017	C213956	23.2	24.7	QTZT	non-mineralized	N-AML	0.01	<5				9				0.09			14	<10		
K-06-0017	C213957	24.7	26.2	QTZT	non-mineralized	N-AML	0.04	<5				7				0.05			4	<10		
K-06-0017	C213958	26.2	27.8	QTZT	non-mineralized	N-AML	0.04	<5				18				0.08			12	10		
K-06-0017	C213960	27.8	29.3	QTZT	non-mineralized	P-AML	0.26	5				42				0.15			37	10		
K-06-0017	C213962	29.3	30.8	QTZT	non-mineralized	N-AML	0.01	<5				6				0.08			5	<10		
K-06-0017	C213963	30.8	32.3	QTZT	non-mineralized	N-AML	0.01	<5				12				0.1			9	<10		
K-06-0017	C213964	32.3	33.8	QTZT	non-mineralized	N-AML	0.02	<5				6				0.06			3	<10		
K-06-0017	C213965	33.8	35.4	QTZT	non-mineralized	N-AML	0.01	<5				7				0.07			4	<10		
K-06-0017	C213966	35.4	36.9	QTZT	non-mineralized	N-AML	0.01	<5				6				0.07			4	<10		
K-06-0017	C213968	36.9	38.4	QTZT	non-mineralized	N-AML	0.01	9				5				0.07			4	<10		
K-06-0017	C213969	38.4	40	QTZT	non-mineralized	N-AML	0.05	6				4				0.05			6	<10		
K-06-0017	C213970	40	41.5	QTZT	non-mineralized	N-AML	0.07	<5				6				0.06			7	<10		
K-06-0017	C213971	41.5	43	QTZT	non-mineralized	N-AML	0.05	<5				11				0.09			15	<10		
K-06-0017	C213972	43	44.5	QTZT	non-mineralized	N-AML	0.01	5				6				0.07			6	<10		
K-06-0017	C213973	44.5	46	QTZT	non-mineralized	P-AML	0.43	12				111				0.34			126	<10		
K-06-0017	C213974	46	47.5	QTZT	non-mineralized	N-AML	0.24	<5				52				0.13			34	<10		
K-06-0017	C213975	47.5	49.1	QTZT	non-mineralized	N-AML	0.08	<5				17				0.08			9	<10		
K-06-0017	C213977	49.1	50.6	QTZT	mineralized	P-AML	0.1	<5				8				0.07			7	<10		
K-06-0017	C213978	50.6	52.1	QTZT	non-mineralized	N-AML	0.21	6				83				0.29			95	10		
K-06-0017	C213979	52.1	53.6	QTZT	non-mineralized	P-AML	0.26	10				136				0.45			182	<10		
K-06-0017	C213980	53.6	55.1	QTZT	non-mineralized	N-AML	0.15	<5				48				0.08			21	<10		
K-06-0017	C213981	55.1	56.7	QTZT	non-mineralized	N-AML	0.3	<5				33				0.09			20	<10		
K-06-0017	C213983	56.7	57.2	QTZT	non-mineralized	N-AML	0.21	5				43				0.12			32	<10		
K-06-0017	C213984	57.2	58.7	QTZT	non-mineralized	N-AML	0.3	8				87				0.21			71	<10		
K-06-0017	C213985	58.7	61.3	QTZT	non-mineralized	N-AML	0.47	7				82				0.19			67	<10		
K-06-0017	C214014	96.3	97.8	PHY	non-mineralized	P-AML	0.76	<5				150				0.35			123	<10		
K-06-0017	C214015	97.8	99.4	PHY	non-mineralized	P-AML	0.82	<5				133				0.33			139	<10		
K-06-0017	C214016	99.4	100.9	PHY	non-mineralized	P-AML	0.65	<5				46				0.15			51	<10		
K-06-0017	C214018	100.9	102.4	PHY	non-mineralized	P-AML	0.37	<5				31				0.12			34	<10		
K-06-0017	C214019	102.4	105.5	PHY	non-mineralized	N-AML	0.13	<5				11				0.07			8	<10		
K-06-0017	C214020	105.5	107.5	PHY	non-mineralized	P-AML	0.38	<5				25				0.07			13	<10		
K-06-0017	C214021	107.5	109.5	PHY	non-mineralized	N-AML	0.62	<5				88				0.06			15	<10		
K-06-0017	C214022	109.5	111.6	PHY	non-mineralized	N-AML	1.48	<5				133				0.19			56	<10		
K-06-0017	C214023	111.6	113.3	PHY	non-mineralized	P-AML	1.66	<5				99				0.22			73	<10		
K-06-0017	C214025	113.3	114.6	PHY	non-mineralized	N-AML	0.68	<5				105				0.07			19	<10		
K-06-0017	C214026	114.6	115.9	PHY	non-mineralized	N-AML	1.14	<5				55				0.17			55	<10		
K-06-0017	C214027	115.9	116.6	PHY	non-mineralized	P-AML	2.04	6				128				0.3			89	<10		
K-06-0017	C214029	116.6	117.3	PHY	non-mineralized	P-AML	1.56	<5				106				0.22			66	<10		
K-06-0017	C214030	117.3	118.45	PHY	non-mineralized	N-AML	1.13	<5				53				0.15			44	<10		
K-06-0017	C214031	118.45	119.8	PHY	non-mineralized	P-AML	1.93	<5				87				0.25			91	<10		
K-06-0017	C214032	119.8	121.8	PHY	non-mineralized	N-AML	0.89	<5				77				0.17			53	<10		
K-06-0017	C214033	121.8	123.4	PHY	non-mineralized	N-AML	0.91	<5				106				0.18			53	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-06-0017	C214034	123.4	124.3	PHY	non-mineralized	N-AML	1.24	<5				107				0.15			55	<10		
K-06-0017	C214036	124.3	125.9	PHY	non-mineralized	N-AML	0.69	<5				81				0.13			39	<10		
K-06-0017	C214037	125.9	127.15	PHY	non-mineralized	N-AML	0.87	<5				78				0.09			24	<10		
K-06-0017	C213986	61.3	62.8	QTZT	non-mineralized	N-AML	0.26	<5				95				0.09			22	<10		
K-06-0017	C213987	62.8	64.3	QTZT	non-mineralized	N-AML	0.38	<5				150				0.2			61	<10		
K-06-0017	C213988	64.3	65.8	QTZT	non-mineralized	N-AML	1.16	5				104				0.24			76	<10		
K-06-0017	C213989	65.8	67.3	QTZT	non-mineralized	P-AML	1.77	9				185				0.41			141	<10		
K-06-0017	C213990	67.3	68.9	QTZT	non-mineralized	P-AML	2.1	<5				163				0.37			143	<10		
K-06-0017	C213991	68.9	70.4	QTZT	non-mineralized	N-AML	0.92	5				109				0.24			80	<10		
K-06-0017	C213992	70.4	71.9	QTZT	non-mineralized	N-AML	0.08	<5				6				0.05			6	<10		
K-06-0017	C213993	71.9	73.5	QTZT	non-mineralized	N-AML	0.77	6				209				0.19			64	<10		
K-06-0017	C213995	73.5	75	QTZT	non-mineralized	N-AML	0.97	<5				127				0.39			146	<10		
K-06-0017	C213996	75	76.5	QTZT	non-mineralized	N-AML	1.4	<5				145				0.29			106	10		
K-06-0017	C213997	76.5	78	QTZT	non-mineralized	N-AML	0.2	5				58				0.15			38	<10		
K-06-0017	C213999	78	79.5	QTZT	non-mineralized	N-AML	0.89	5				151				0.23			75	<10		
K-06-0017	C214000	79.5	80	QTZT	non-mineralized	N-AML	1.1	<5				92				0.19			63	<10		
K-06-0017	C214001	80	81.1	QTZT	non-mineralized	N-AML	0.36	<5				33				0.1			23	<10		
K-06-0017	C214002	81.1	82.6	QTZT	non-mineralized	N-AML	0.64	6				85				0.22			61	<10		
K-06-0017	C214003	82.6	84.1	QTZT	non-mineralized	P-AML	0.82	<5				88				0.24			67	<10		
K-06-0017	C214005	84.1	85.6	QTZT	mineralized	P-AML	0.37	<5				5				0.06			6	<10		
K-06-0017	C214006	85.6	87.2	QTZT	non-mineralized	N-AML	0.1	<5				11				0.07			5	<10		
K-06-0017	C214007	87.2	88.7	QTZT	non-mineralized	N-AML	0.13	<5				12				0.08			8	<10		
K-06-0017	C214008	88.7	90.2	QTZT	non-mineralized	P-AML	1.18	5				72				0.23			83	<10		
K-06-0017	C214009	90.2	91.7	QTZT	non-mineralized	N-AML	0.16	<5				35				0.1			19	<10		
K-06-0017	C214010	91.7	93.3	QTZT	non-mineralized	N-AML	0.2	<5				10				0.08			9	<10		
K-06-0017	C214012	93.3	94.8	QTZT	non-mineralized	P-AML	0.29	7				22				0.12			23	<10		
K-06-0017	C214013	94.8	96.3	QTZT	non-mineralized	P-AML	1.1	<5				100				0.23			71	<10		
K-06-0017	C214038	127.15	128.7	QTZT	non-mineralized	N-AML	0.49	<5				69				0.08			22	<10		
K-06-0017	C214039	128.7	129.8	QTZT	non-mineralized	N-AML	0.59	<5				55				0.11			26	<10		
K-06-0017	C214040	129.8	130.7	QTZT	non-mineralized	N-AML	0.96	<5				96				0.27			86	<10		
K-06-0017	C214041	130.7	131.9	QTZT	non-mineralized	N-AML	0.18	<5				8				0.07			9	<10		
K-06-0017	C214042	131.9	133.3	QTZT	non-mineralized	N-AML	0.14	<5				6				0.06			7	<10		
K-06-0017	C214044	133.3	134.8	QTZT	non-mineralized	N-AML	0.12	<5				6				0.06			5	<10		
K-06-0017	C214045	134.8	135.9	QTZT	non-mineralized	N-AML	0.13	<5				9				0.05			6	<10		
K-06-0017	C214047	135.9	137.4	QTZT	non-mineralized	P-AML	0.25	<5				31				0.15			31	<10		
K-06-0017	C214048	137.4	139	QTZT	non-mineralized	P-AML	0.33	<5				30				0.15			33	<10		
K-06-0017	C214049	139	140.5	QTZT	non-mineralized	N-AML	0.22	<5				17				0.11			22	<10		
K-06-0017	C214050	140.5	141.7	QTZT	non-mineralized	N-AML	0.22	<5				23				0.11			24	<10		
K-06-0017	C214051	141.7	142.3	QTZT	non-mineralized	N-AML	0.13	8				21				0.08			20	<10		
K-06-0017	C214052	142.3	143.8	QTZT	non-mineralized	N-AML	0.77	5				97				0.25			77	<10		
K-06-0017	C214053	143.8	145.1	QTZT	non-mineralized	N-AML	0.16	<5				43				0.05			8	<10		
K-06-0017	C214055	145.1	146.4	QTZT	non-mineralized	N-AML	0.18	<5				30				0.06			7	<10		
K-06-0017	C214056	146.4	148.1	QTZT	non-mineralized	P-AML	0.25	<5				12				0.08			15	<10		
K-06-0017	C214057	148.1	149.6	QTZT	non-mineralized	N-AML	0.11	<5				8				0.06			7	<10		
K-06-0017	C214058	149.6	151.2	QTZT	non-mineralized	N-AML	0.11	<5				4				0.06			7	<10		
K-06-0017	C214059	151.2	152.7	QTZT	non-mineralized	N-AML	0.14	<5				5				0.07			10	<10		
K-06-0017	C214060	152.7	154.2	QTZT	non-mineralized	N-AML	0.11	<5				3				0.06			6	<10		
K-06-0017	C214061	154.2	156.7	QTZT	non-mineralized	N-AML	0.17	<5				12				0.07			13	<10		
K-06-0017	C214063	156.7	157.1	QTZT	non-mineralized	N-AML	0.19	<5				10				0.07			12	<10		
K-06-0017	C214064	157.1	157.7	QTZT	mineralized	P-AML	0.44	1760				15				0.03			16	<10		
K-06-0017	C214065	157.7	158.2	QTZT	non-mineralized	N-AML	0.3	133				14				0.03			17	<10		
K-06-0017	C214066	158.2	160	QTZT	non-mineralized	P-AML	0.84	137				115				0.21			105	10		
K-06-0017	C214067	160	160.9	QTZT	non-mineralized	P-AML	0.36	7				44				0.11			33	<10		
K-06-0017	C214068	160.9	162.4	QTZT	non-mineralized	N-AML	0.11	<5				5				0.05			7	<10		
K-06-0017	C214070	162.4	163.4	QTZT	non-mineralized	N-AML	0.08	5				11				0.06			8	<10		
K-06-0017	C214071	163.4	164.75	QTZT	non-mineralized	P-AML	0.27	5				22				0.1			32	<10		
K-06-0017	C214072	164.75	165.5	QTZT	non-mineralized	P-AML	0.27	<5				13				0.09			20	<10		
K-06-0017	C214073	165.5	166.4	QTZT	non-mineralized	N-AML	0.08	<5				5				0.07			5	<10		
K-06-0017	C214075	166.4	167.2	QTZT	non-mineralized	N-AML	0.1	<5				6				0.07			6	<10		
K-06-0017	C214076	167.2	168.2	QTZT	non-mineralized	N-AML	0.13	<5				5				0.04			5	<10		
K-06-0017	C214077	168.2	169.6	QTZT	non-mineralized	P-AML	1.26	12				71				0.2			62	<10		
K-06-0017	C214078	169.6	170.5	QTZT	non-mineralized	N-AML	0.15	<5				11				0.06			10	<10		
K-06-0017	C214079	170.5	171.5	QTZT	non-mineralized	P-AML	0.56	9				59				0.18			46	<10		
K-06-0017	C214080	171.5	172.3	QTZT	non-mineralized	P-AML	1.32	12				77				0.22			64	<10		
K-06-0017	C214081	172.3	173.7	QTZT	non-mineralized	N-AML	0.18	10				13				0.17			42	<10		
K-06-0017	C214082	173.7	174.7	QTZT	mineralized	P-AML	0.39	<5				11				0.05			10	<10		
K-06-0017	C214083	174.7	175.6	QTZT	non-mineralized	N-AML	0.24	<5				12				0.08			14	<10		
K-06-0017	C214084	175.6	177.1	QTZT	non-mineralized	P-AML	1.03	14				70				0.18			56	<10		
K-06-0017	C214086	177.1	178.6	QTZT	non-mineralized	P-AML	0.31	<5				11				0.09			11	10		
K-06-0017	C214087	178.6	180.25	QTZT	non-mineralized	N-AML	0.24	<5				8				0.07			9	<10		
K-06-0017	C214089	180.25	180.85	GSCH	non-mineralized	N-AML	0.74	7				79				0.14			50	<10		
K-06-0017	C214090	180.85	181.85	GSCH	non-mineralized	N-AML	1.18	8				139				0.29			105	<10		
K-06-0017	C214091	181.85	183.2	GSCH	non-mineralized	P-AML	0.87	12				92				0.25			149	<10		
K-06-0017	C214092	183.2	184.7	GSCH	non-mineralized	P-AML	1.14	<5				111				0.22			148	10		
K-06-0017	C214093	184.7	186.2	GSCH	non-mineralized	P-AML	0.5	9				92				0.25			129	<10		
K-06-0017	C214094	186.2	187	GSCH	non-mineralized	N-AML	0.46	5				120				0.22			123	<10		
K-06-0017	C214095	187	188	GSCH	non-mineralized	P-AML	1.57	17				116				0.21			149	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-06-0017	C214096	188	189.5	GSCH	non-mineralized	P-AML	0.25	8				129				0.24			123	<10		
K-06-0017	C214097	189.5	190.8	GSCH	non-mineralized	P-AML	0.26	7				135				0.28			132	<10		
K-06-0017	C214099	190.8	192.3	GSCH	non-mineralized	N-AML	0.27	19				149				0.29			129	<10		
K-06-0017	C214100	192.3	193.9	GSCH	non-mineralized	N-AML	0.49	8				101				0.24			105	<10		
K-06-0017	C214101	193.9	195.4	GSCH	non-mineralized	P-AML	1.52	<5				241				0.35			120	10		
K-06-0017	C214102	195.4	196.9	GSCH	non-mineralized	P-AML	1.72	<5				178				0.37			127	10		
K-06-0017	C214103	196.9	198.4	GSCH	non-mineralized	P-AML	1.94	<5				191				0.36			134	<10		
K-06-0017	C214104	198.4	199.9	GSCH	non-mineralized	N-AML	1.43	6				133				0.34			103	10		
K-06-0017	C214106	199.9	201.3	GSCH	non-mineralized	N-AML	1.21	18				70				0.27			110	<10		
K-06-0017	C214107	201.3	203	GSCH	non-mineralized	N-AML	1.07	8				54				0.28			92	<10		
K-06-0017	C214108	203	203.7	GSCH	non-mineralized	N-AML	1.41	5				71				0.3			94	<10		
K-06-0017	C214109	203.7	204.8	GSCH	non-mineralized	P-AML	2.02	16				64				0.35			132	10		
K-06-0018	C214110	7.6	9.4	QTZT	non-mineralized	N-AML	0.05	<5				6				0.06			7	<10		
K-06-0018	C214111	9.4	11.3	QTZT	non-mineralized	N-AML	0.02	<5				7				0.07			10	<10		
K-06-0018	C214113	11.3	12.8	QTZT	non-mineralized	N-AML	0.01	5				9				0.07			11	<10		
K-06-0018	C214114	12.8	14.7	QTZT	mineralized	P-AML	0.04	<5				3				0.06			5	<10		
K-06-0018	C214115	14.7	16.7	QTZT	non-mineralized	N-AML	0.01	<5				7				0.08			10	<10		
K-06-0018	C214116	16.7	18.7	QTZT	non-mineralized	N-AML	0.02	<5				7				0.07			4	<10		
K-06-0018	C214118	18.7	20.4	QTZT	non-mineralized	N-AML	0.15	<5				43				0.34			115	<10		
K-06-0018	C214119	20.4	22	QTZT	non-mineralized	N-AML	0.05	<5				34				0.15			35	<10		
K-06-0018	C214120	22	23.5	QTZT	non-mineralized	N-AML	0.01	<5				6				0.07			5	<10		
K-06-0018	C214121	23.5	25	QTZT	non-mineralized	N-AML	0.04	<5				116				0.06			1	10		
K-06-0018	C214123	25	26.55	QTZT	non-mineralized	P-AML	0.65	<5				55				0.19			49	<10		
K-06-0018	C214124	26.55	28.5	QTZT	non-mineralized	N-AML	0.03	<5				6				0.08			6	<10		
K-06-0018	C214125	28.5	30.5	QTZT	non-mineralized	N-AML	0.02	<5				6				0.07			4	<10		
K-06-0018	C214126	30.5	32.5	QTZT	non-mineralized	N-AML	0.05	<5				8				0.08			7	<10		
K-06-0018	C214127	32.5	34	QTZT	non-mineralized	N-AML	0.005	<5				4				0.07			5	<10		
K-06-0018	C214128	34	36	QTZT	non-mineralized	N-AML	0.01	<5				4				0.09			6	<10		
K-06-0018	C214129	36	38	QTZT	non-mineralized	N-AML	0.04	<5				5				0.08			5	<10		
K-06-0018	C214130	38	39.5	QTZT	mineralized	P-AML	0.07	<5				9				0.08			11	<10		
K-06-0018	C214132	39.5	40.9	QTZT	non-mineralized	N-AML	0.07	9				7				0.07			10	<10		
K-06-0018	C214133	40.9	43	QTZT	non-mineralized	N-AML	0.05	5				11				0.09			15	<10		
K-06-0018	C214134	43	45	QTZT	non-mineralized	N-AML	0.07	<5				62				0.19			50	<10		
K-06-0018	C214135	45	47	QTZT	non-mineralized	N-AML	0.09	<5				47				0.09			23	10		
K-06-0018	C214138	49	51	QTZT	non-mineralized	P-AML	0.6	<5				146				0.41			142	<10		
K-06-0018	C214139	51	53	QTZT	non-mineralized	N-AML	0.24	<5				63				0.17			54	<10		
K-06-0018	C214140	53	55	QTZT	non-mineralized	N-AML	0.31	5				48				0.11			30	<10		
K-06-0018	C214141	55	57	QTZT	non-mineralized	N-AML	0.14	<5				41				0.12			31	10		
K-06-0018	C214143	57	59	QTZT	non-mineralized	N-AML	0.41	<5				67				0.09			21	<10		
K-06-0018	C214144	59	61	QTZT	non-mineralized	N-AML	0.11	<5				52				0.06			9	<10		
K-06-0018	C214145	61	63	QTZT	non-mineralized	P-AML	0.61	<5				35				0.1			25	<10		
K-06-0018	C214146	63	65	QTZT	non-mineralized	P-AML	2	<5				157				0.37			128	10		
K-06-0018	C214148	67	69	QTZT	non-mineralized	P-AML	0.34	<5				28				0.1			21	<10		
K-06-0018	C214149	69	70	QTZT	non-mineralized	N-AML	0.6	<5				71				0.13			32	10		
K-06-0018	C214151	70	72	QTZT	non-mineralized	P-AML	2.04	5				366				0.37			120	10		
K-06-0018	C214152	72	74	QTZT	non-mineralized	P-AML	0.32	<5				49				0.11			28	<10		
K-06-0018	C214153	74	76	QTZT	non-mineralized	N-AML	0.73	<5				79				0.2			59	<10		
K-06-0018	C214154	76	78	QTZT	non-mineralized	N-AML	1.18	<5				113				0.25			83	<10		
K-06-0018	C214156	78	80	QTZT	non-mineralized	N-AML	0.69	<5				111				0.25			75	<10		
K-06-0018	C214157	80	82.3	QTZT	non-mineralized	P-AML	0.44	<5				54				0.15			39	<10		
K-06-0018	C214158	82.3	84	QTZT	mineralized	P-AML	0.08	<5				14				0.07			6	<10		
K-06-0018	C214159	84	86	QTZT	non-mineralized	N-AML	0.11	<5				9				0.07			5	10		
K-06-0018	C214160	86	88	QTZT	mineralized	P-AML	0.14	<5				16				0.08			12	10		
K-06-0018	C214162	88	90	QTZT	mineralized	P-AML	0.08	<5				13				0.07			6	<10		
K-06-0018	C214163	90	92	QTZT	mineralized	P-AML	0.08	<5				7				0.07			7	<10		
K-06-0018	C214164	92	93.9	QTZT	mineralized	P-AML	0.23	<5				10				0.09			10	<10		
K-06-0018	C214165	93.9	96	QTZT	non-mineralized	P-AML	0.74	<5				122				0.27			85	<10		
K-06-0018	C214166	96	98	QTZT	non-mineralized	P-AML	1.19	5				106				0.24			114	<10		
K-06-0018	C214167	98	100	QTZT	mineralized	P-AML	0.35	<5				16				0.1			22	<10		
K-06-0018	C214168	100	102	QTZT	non-mineralized	P-AML	0.31	5				25				0.12			41	10		
K-06-0018	C214171	104	106	QTZT	non-mineralized	N-AML	0.47	10				60				0.08			16	10		
K-06-0018	C214172	106	108	QTZT	non-mineralized	N-AML	0.48	5				96				0.07			13	<10		
K-06-0018	C214173	108	110	QTZT	non-mineralized	N-AML	1.23	<5				87				0.2			57	10		
K-06-0018	C214174	110	112	QTZT	non-mineralized	N-AML	0.51	<5				38				0.09			20	<10		
K-06-0018	C214175	112	114	QTZT	non-mineralized	N-AML	0.81	<5				47				0.16			39	<10		
K-06-0018	C214176	114	116	QTZT	non-mineralized	N-AML	0.62	<5				79				0.14			35	<10		
K-06-0018	C214178	116	118	QTZT	non-mineralized	N-AML	0.62	<5				64				0.19			50	<10		
K-06-0018	C214180	120	122	QTZT	non-mineralized	N-AML	0.47	<5				74				0.11			27	<10		
K-06-0018	C214181	122	124	QTZT	non-mineralized	N-AML	0.8	<5				139				0.16			47	<10		
K-06-0018	C214182	124	126	QTZT	non-mineralized	N-AML	0.12	<5				84				0.05			7	<10		
K-06-0018	C214184	126	128	QTZT	non-mineralized	N-AML	0.39	<5				100				0.16			46	<10		
K-06-0018	C214185	128	130	QTZT	mineralized	P-AML	0.13	<5				33				0.08			11	<10		
K-06-0018	C214186	130	132	QTZT	mineralized	P-AML	0.11	5				11				0.06			7	<10		
K-06-0018	C214187	132	134	QTZT	non-mineralized	N-AML	0.2	<5				20				0.07			10	<10		
K-06-0018	C214188	134	136	QTZT	non-mineralized	N-AML	0.15	<5				8				0.07			10	<10		
K-06-0018	C214189	136	138	QTZT	non-mineralized	N-AML	0.17	<5				12				0.07			14	<10		
K-06-0018	C214192	140	142	QTZT	non-mineralized	N-AML	0.12	<5				8				0.06			7	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-06-0018	C214193	142	144	QTZT	non-mineralized	N-AML	0.39	5				58				0.1			29	<10		
K-06-0018	C214194	144	146	QTZT	non-mineralized	N-AML	0.05	<5				47				0.03			2	<10		
K-06-0018	C214195	146	148	QTZT	non-mineralized	N-AML	0.1	<5				35				0.04			3	<10		
K-06-0018	C214196	148	150	QTZT	non-mineralized	P-AML	0.46	5				59				0.2			52	<10		
K-06-0018	C214197	150	152	QTZT	non-mineralized	N-AML	0.17	<5				55				0.2			50	<10		
K-06-0018	C214199	152	154	QTZT	non-mineralized	N-AML	0.13	<5				14				0.08			13	<10		
K-06-0018	C214200	154	156	QTZT	non-mineralized	N-AML	0.19	<5				15				0.07			15	<10		
K-06-0018	C214201	156	158	QTZT	non-mineralized	N-AML	0.19	<5				36				0.09			19	<10		
K-06-0018	C214202	158	159	QTZT	non-mineralized	N-AML	0.19	<5				15				0.05			7	<10		
K-06-0018	C214203	159	160.3	QTZT	non-mineralized	P-AML	0.45	<5				26				0.12			25	<10		
K-06-0018	C214205	160.3	160.6	QTZT	mineralized	P-AML	3.8	1315				3				0.03			7	<10		
K-06-0018	C214206	160.6	161.6	QTZT	non-mineralized	P-AML	0.38	64				9				0.06			12	<10		
K-06-0018	C214207	161.6	162.6	QTZT	non-mineralized	P-AML	0.62	123				8				0.05			15	<10		
K-06-0018	C214208	162.6	163.9	QTZT	non-mineralized	P-AML	1.11	1295				54				0.2			92	<10		
K-06-0018	C214209	163.9	165	QTZT	non-mineralized	P-AML	0.38	18				19				0.08			30	<10		
K-06-0018	C214210	165	166.7	QTZT	non-mineralized	P-AML	1.25	14				45				0.16			53	<10		
K-06-0018	C214212	166.7	167.8	QTZT	non-mineralized	P-AML	0.45	<5				7				0.07			6	<10		
K-06-0018	C214213	167.8	168.8	QTZT	non-mineralized	P-AML	0.38	8				11				0.09			14	<10		
K-06-0018	C214214	168.8	169.8	QTZT	non-mineralized	P-AML	0.58	7				38				0.15			36	<10		
K-06-0018	C214215	169.8	171	QTZT	non-mineralized	P-AML	0.43	7				45				0.15			34	<10		
K-06-0018	C214216	171	172.5	QTZT	non-mineralized	P-AML	0.44	5				25				0.1			23	<10		
K-06-0018	C214219	174	175.5	QTZT	non-mineralized	P-AML	0.27	<5				15				0.07			17	<10		
K-06-0018	C214220	175.5	177	QTZT	non-mineralized	N-AML	0.13	<5				5				0.04			5	<10		
K-06-0018	C214221	177	178.5	QTZT	non-mineralized	N-AML	0.13	<5				10				0.06			7	<10		
K-06-0018	C214222	178.5	180	QTZT	non-mineralized	P-AML	0.41	<5				20				0.09			15	<10		
K-06-0018	C214224	180	181.9	QTZT	non-mineralized	P-AML	1.03	5				52				0.14			45	<10		
K-06-0018	C214225	181.9	184	QTZT	non-mineralized	P-AML	0.4	10				71				0.19			74	<10		
K-06-0018	C214226	184	186	GSCH	non-mineralized	P-AML	0.6	24				103				0.19			101	<10		
K-06-0018	C214227	186	188	GSCH	non-mineralized	P-AML	1.56	<5				147				0.25			102	<10		
K-06-0018	C214228	188	190	GSCH	non-mineralized	N-AML	0.2	<5				91				0.24			109	<10		
K-06-0018	C214229	190	192	GSCH	non-mineralized	N-AML	0.13	<5				94				0.26			121	<10		
K-06-0018	C214231	192	194	GSCH	non-mineralized	N-AML	1.29	19				196				0.31			112	<10		
K-06-0018	C214232	194	196	GSCH	non-mineralized	P-AML	1.74	7				186				0.36			128	10		
K-06-0018	C214234	198	200	GSCH	non-mineralized	N-AML	1.35	17				75				0.33			155	<10		
K-06-0018	C214236	200	202	GSCH	non-mineralized	N-AML	0.93	10				92				0.28			110	<10		
K-06-0018	C214237	202	204	GSCH	non-mineralized	N-AML	1.34	<5				102				0.35			175	<10		
K-06-0018	C214238	204	206	GSCH	non-mineralized	P-AML	1.57	14				89				0.32			168	10		
K-06-0018	C214239	206	208	GSCH	non-mineralized	N-AML	1.1	14				46				0.3			122	<10		
K-06-0018	C214240	208	210	GSCH	non-mineralized	N-AML	1.09	11				61				0.26			158	<10		
K-06-0018	C214241	210	212	GSCH	non-mineralized	N-AML	1.11	19				50				0.29			132	<10		
K-06-0018	C214242	212	214	GSCH	non-mineralized	N-AML	1.43	13				46				0.32			131	<10		
K-06-0018	C214244	214	215.5	GSCH	non-mineralized	P-AML	1.54	13				88				0.39			132	<10		
K-06-0019	C214245	6	8.2	QTZT	non-mineralized	N-AML	0.05	<5				18				0.05			7	<10		
K-06-0019	C214246	8.2	10	QTZT	non-mineralized	N-AML	0.03	<5				68				0.16			42	<10		
K-06-0019	C214247	10	12	QTZT	non-mineralized	N-AML	0.02	<5				65				0.16			42	<10		
K-06-0019	C214248	12	14	QTZT	non-mineralized	N-AML	0.01	<5				12				0.08			11	<10		
K-06-0019	C214249	14	16	QTZT	non-mineralized	N-AML	0.05	<5				32				0.11			22	<10		
K-06-0019	C214251	16	18	QTZT	non-mineralized	N-AML	0.04	6				8				0.07			6	<10		
K-06-0019	C214252	18	20	QTZT	non-mineralized	N-AML	0.04	<5				9				0.07			9	<10		
K-06-0019	C214253	20	22	QTZT	non-mineralized	N-AML	0.16	<5				70				0.28			91	<10		
K-06-0019	C214255	22	24	QTZT	non-mineralized	N-AML	0.03	5				40				0.14			34	<10		
K-06-0019	C214256	24	26	QTZT	non-mineralized	N-AML	0.01	<5				7				0.07			6	<10		
K-06-0019	C214257	26	28	QTZT	non-mineralized	N-AML	0.02	<5				72				0.06			4	<10		
K-06-0019	C214258	28	29.6	QTZT	non-mineralized	N-AML	0.17	5				52				0.19			51	<10		
K-06-0019	C214259	29.6	31.5	QTZT	non-mineralized	N-AML	0.08	<5				23				0.12			22	<10		
K-06-0019	C214260	31.5	33.5	QTZT	non-mineralized	N-AML	0.03	7				17				0.1			14	<10		
K-06-0019	C214261	33.5	35.5	QTZT	non-mineralized	N-AML	0.05	5				39				0.1			21	<10		
K-06-0019	C214263	35.5	37.5	QTZT	non-mineralized	N-AML	0.005	<5				10				0.06			4	<10		
K-06-0019	C214264	37.5	39.5	QTZT	non-mineralized	N-AML	0.005	<5				5				0.07			4	<10		
K-06-0019	C214265	39.5	41.5	QTZT	non-mineralized	N-AML	0.01	<5				7				0.06			8	<10		
K-06-0019	C214266	41.5	43.5	QTZT	non-mineralized	N-AML	0.01	<5				18				0.09			19	<10		
K-06-0019	C214267	43.5	45.5	QTZT	non-mineralized	P-AML	0.32	<5				132				0.43			153	<10		
K-06-0019	C214268	45.5	47.5	QTZT	non-mineralized	P-AML	0.5	<5				108				0.44			165	<10		
K-06-0019	C214269	47.5	49.5	QTZT	non-mineralized	P-AML	0.5	<5				155				0.43			146	<10		
K-06-0019	C214271	49.5	51.5	QTZT	non-mineralized	N-AML	0.43	6				71				0.19			68	<10		
K-06-0019	C214272	51.5	53.5	QTZT	non-mineralized	N-AML	0.05	<5				10				0.06			9	<10		
K-06-0019	C214273	53.5	55.5	QTZT	non-mineralized	N-AML	0.09	<5				9				0.05			8	<10		
K-06-0019	C214274	55.5	57.5	QTZT	non-mineralized	N-AML	0.19	<5				77				0.08			18	<10		
K-06-0019	C214276	57.5	59.5	QTZT	non-mineralized	P-AML	0.3	<5				87				0.26			78	<10		
K-06-0019	C214277	59.5	61.5	QTZT	non-mineralized	N-AML	0.31	<5				83				0.12			31	<10		
K-06-0019	C214278	61.5	63.5	QTZT	non-mineralized	N-AML	0.17	<5				19				0.07			11	<10		
K-06-0019	C214279	63.5	65.5	QTZT	non-mineralized	N-AML	0.96	<5				105				0.24			80	<10		
K-06-0019	C214280	65.5	67.5	QTZT	non-mineralized	P-AML	2.13	<5				156				0.36			126	10		
K-06-0019	C214281	67.5	69.5	QTZT	non-mineralized	P-AML	0.26	<5				34				0.12			28	<10		
K-06-0019	C214282	69.5	71.5	QTZT	non-mineralized	N-AML	0.57	<5				61				0.14			37	<10		
K-06-0019	C214284	71.5	73.5	QTZT	non-mineralized	N-AML	0.86	<5				111				0.24			81	<10		
K-06-0019	C214285	73.5	75.5	QTZT	non-mineralized	P-AML	0.36	<5				79				0.16			46	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-06-0019	C214286	75.5	77.5	QTZT	non-mineralized	P-AML	0.42	<5				38				0.13			40	<10		
K-06-0019	C214287	77.5	79.5	QTZT	non-mineralized	P-AML	0.39	<5				36				0.12			37	<10		
K-06-0019	C214288	79.5	80.5	QTZT	non-mineralized	N-AML	0.19	<5				41				0.17			37	<10		
K-06-0019	C214289	80.5	81.7	QTZT	non-mineralized	N-AML	0.09	<5				5				0.04			5	<10		
K-06-0019	C214291	81.7	82.1	QTZT	non-mineralized	N-AML	0.18	22				5				0.06			6	<10		
K-06-0019	C214292	82.1	84	QTZT	non-mineralized	P-AML	0.54	11				84				0.3			92	<10		
K-06-0019	C214293	84	86	QTZT	non-mineralized	N-AML	0.08	<5				14				0.1			13	<10		
K-06-0019	C214294	86	88	QTZT	non-mineralized	N-AML	0.09	<5				8				0.07			6	<10		
K-06-0019	C214296	88	90	QTZT	non-mineralized	N-AML	0.12	<5				9				0.06			6	<10		
K-06-0019	C214297	90	92	QTZT	non-mineralized	P-AML	0.45	<5				94				0.22			63	<10		
K-06-0019	C214298	92	94	QTZT	non-mineralized	P-AML	0.65	<5				64				0.22			65	<10		
K-06-0019	C214299	94	95.5	QTZT	non-mineralized	P-AML	0.69	5				50				0.18			70	<10		
K-06-0019	C214300	95.5	96.1	QTZT	non-mineralized	P-AML	0.54	5				44				0.15			82	<10		
K-06-0019	C214301	96.1	98	QTZT	non-mineralized	N-AML	0.16	<5				17				0.08			16	<10		
K-06-0019	C214302	98	100	QTZT	non-mineralized	P-AML	1.17	<5				45				0.16			45	<10		
K-06-0019	C214304	100	102	QTZT	non-mineralized	N-AML	0.38	<5				56				0.03			8	<10		
K-06-0019	C214305	102	104	QTZT	non-mineralized	N-AML	0.85	<5				69				0.11			33	<10		
K-06-0019	C214306	104	106	QTZT	non-mineralized	N-AML	0.79	<5				99				0.1			32	<10		
K-06-0019	C214307	106	108	QTZT	non-mineralized	N-AML	0.63	<5				46				0.11			27	<10		
K-06-0019	C214308	108	110	QTZT	non-mineralized	N-AML	1.22	5				77				0.2			66	<10		
K-06-0019	C214309	110	112	QTZT	non-mineralized	N-AML	0.86	<5				68				0.19			61	<10		
K-06-0019	C214311	112	114	QTZT	non-mineralized	N-AML	0.56	<5				69				0.16			44	<10		
K-06-0019	C214312	114	116	QTZT	non-mineralized	N-AML	1.05	<5				117				0.25			82	<10		
K-06-0019	C214313	116	118	QTZT	non-mineralized	N-AML	0.91	<5				131				0.16			48	<10		
K-06-0019	C214314	118	120	QTZT	non-mineralized	N-AML	0.22	<5				16				0.09			15	<10		
K-06-0019	C214316	120	122	QTZT	non-mineralized	N-AML	0.12	<5				42				0.03			4	<10		
K-06-0019	C214317	122	124	QTZT	non-mineralized	P-AML	0.82	<5				74				0.16			52	<10		
K-06-0019	C214318	124	126	QTZT	non-mineralized	P-AML	0.27	<5				21				0.06			14	<10		
K-06-0019	C214319	126	128	QTZT	non-mineralized	P-AML	0.42	<5				41				0.12			33	<10		
K-06-0019	C214320	128	129.5	QTZT	non-mineralized	N-AML	0.07	<5				28				0.03			4	<10		
K-06-0019	C214321	129.5	131	QTZT	non-mineralized	N-AML	0.14	<5				23				0.03			5	<10		
K-06-0019	C214323	131	133	QTZT	non-mineralized	N-AML	0.18	<5				10				0.07			11	<10		
K-06-0019	C214324	133	135	QTZT	non-mineralized	P-AML	0.3	<5				35				0.15			32	<10		
K-06-0019	C214325	135	137	QTZT	non-mineralized	N-AML	0.24	5				35				0.1			25	<10		
K-06-0019	C214326	137	139	QTZT	non-mineralized	N-AML	0.1	<5				35				0.04			5	<10		
K-06-0019	C214347	161.5	162.7	GNST	non-mineralized	N-AML	0.3	10				192				0.87			374	<10		
K-06-0019	C214348	162.7	164.5	GNST	non-mineralized	N-AML	0.19	16				183				1.02			387	<10		
K-06-0019	C214327	139	141	QTZT	non-mineralized	P-AML	0.25	<5				22				0.1			21	<10		
K-06-0019	C214328	141	143	QTZT	non-mineralized	N-AML	0.21	<5				16				0.1			19	<10		
K-06-0019	C214329	143	145	QTZT	non-mineralized	P-AML	0.34	<5				31				0.13			34	<10		
K-06-0019	C214331	145	147	QTZT	non-mineralized	N-AML	0.23	6				35				0.15			38	<10		
K-06-0019	C214332	147	148.4	QTZT	non-mineralized	N-AML	0.18	5				18				0.1			22	<10		
K-06-0019	C214333	148.4	150	QTZT	non-mineralized	N-AML	0.14	<5				5				0.06			7	<10		
K-06-0019	C214334	150	151.5	QTZT	non-mineralized	N-AML	0.18	<5				9				0.08			14	<10		
K-06-0019	C214336	151.5	152.5	QTZT	non-mineralized	P-AML	0.74	6				43				0.24			64	<10		
K-06-0019	C214337	152.5	153.5	QTZT	non-mineralized	P-AML	0.73	5				19				0.12			29	<10		
K-06-0019	C214338	153.5	154.5	QTZT	non-mineralized	P-AML	0.56	<5				22				0.15			37	<10		
K-06-0019	C214339	154.5	155.5	QTZT	non-mineralized	P-AML	0.33	6				6				0.05			10	<10		
K-06-0019	C214340	155.5	156.5	QTZT	non-mineralized	P-AML	0.84	310				5				0.03			8	<10		
K-06-0019	C214341	156.5	157.5	QTZT	non-mineralized	P-AML	0.55	6				8				0.06			11	<10		
K-06-0019	C214342	157.5	158.5	QTZT	non-mineralized	N-AML	0.17	<5				18				0.1			38	<10		
K-06-0019	C214344	158.5	159.5	QTZT	non-mineralized	P-AML	0.51	18				30				0.22			71	<10		
K-06-0019	C214345	159.5	160.6	QTZT	non-mineralized	N-AML	0.31	9				24				0.13			45	<10		
K-06-0019	C214346	160.6	161.5	QTZT	non-mineralized	P-AML	0.79	<5				53				0.19			60	<10		
K-06-0019	C214349	164.5	165.8	QTZT	non-mineralized	N-AML	0.79	7				21				0.06			14	<10		
K-06-0019	C214351	165.8	167	QTZT	non-mineralized	P-AML	0.61	10				29				0.12			42	<10		
K-06-0019	C214352	167	169	QTZT	non-mineralized	P-AML	0.73	6				46				0.21			68	<10		
K-06-0019	C214354	169	171	QTZT	non-mineralized	P-AML	0.39	<5				28				0.11			28	<10		
K-06-0019	C214355	171	172.8	QTZT	non-mineralized	N-AML	1.23	13				100				0.34			123	<10		
K-06-0019	C214356	172.8	174	QTZT	non-mineralized	P-AML	0.4	5				6				0.05			8	<10		
K-06-0019	C214357	174	175.5	QTZT	non-mineralized	N-AML	0.19	<5				5				0.06			6	<10		
K-06-0019	C214358	175.5	176.6	QTZT	non-mineralized	P-AML	0.81	9				38				0.12			38	<10		
K-06-0019	C214359	176.6	177.5	QTZT	non-mineralized	N-AML	0.18	8				10				0.03			6	<10		
K-06-0019	C214360	177.5	178.5	QTZT	non-mineralized	N-AML	0.21	<5				18				0.04			6	<10		
K-06-0019	C214361	178.5	179.5	GSCH	mineralized	P-AML	1.84	12				94				0.22			80	<10		
K-06-0019	C214362	179.5	181.5	GSCH	non-mineralized	N-AML	1.18	8				117				0.3			110	<10		
K-06-0019	C214364	181.5	183.5	GSCH	non-mineralized	P-AML	1.58	<5				172				0.34			91	<10		
K-06-0019	C214365	183.5	185.5	GSCH	non-mineralized	N-AML	0.9	12				140				0.35			99	<10		
K-06-0019	C214366	185.5	187.5	GSCH	non-mineralized	P-AML	1.69	10				130				0.34			105	<10		
K-06-0019	C214367	187.5	189.5	GSCH	non-mineralized	N-AML	1.11	9				163				0.36			107	<10		
K-06-0019	C214368	189.5	191.5	GSCH	non-mineralized	N-AML	0.97	5				113				0.4			106	<10		
K-06-0019	C214369	191.5	193.5	GSCH	non-mineralized	N-AML	0.89	7				129				0.35			97	<10		
K-06-0019	C214371	193.5	195.5	GSCH	non-mineralized	P-AML	1.54	<5				110				0.39			125	<10		
K-06-0019	C214372	195.5	197.5	GSCH	non-mineralized	P-AML	2.04	7				94				0.4			149	<10		
K-06-0019	C214373	197.5	199.5	GSCH	non-mineralized	P-AML	1.64	<5				139				0.37			139	<10		
K-06-0019	C214375	199.5	201.5	GSCH	non-mineralized	P-AML	1.99	9				157				0.33			137	10		
K-06-0019	C214376	201.5	203.5	GSCH	non-mineralized	P-AML	2.71	<5				132				0.34			155	10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-06-0019	C214377	203.5	205.5	GSCH	non-mineralized	P-AML	1.72	<5				209				0.35			127	<10		
K-06-0019	C214378	205.5	207.5	GSCH	non-mineralized	P-AML	1.8	<5				191				0.36			133	10		
K-06-0019	C214379	207.5	209.5	GSCH	non-mineralized	P-AML	2.05	9				151				0.39			141	<10		
K-06-0019	C214380	209.5	211.5	GSCH	non-mineralized	N-AML	1.41	17				96				0.35			118	<10		
K-06-0019	C214381	211.5	213.5	GSCH	non-mineralized	N-AML	1.36	<5				188				0.4			122	<10		
K-06-0019	C214382	213.5	215.5	GSCH	non-mineralized	N-AML	1.35	6				149				0.33			114	<10		
K-06-0019	C214384	215.5	217.5	GSCH	non-mineralized	N-AML	1.4	20				106				0.33			136	<10		
K-06-0019	C214385	217.5	219.5	GSCH	non-mineralized	N-AML	1.1	5				132				0.32			128	<10		
K-06-0019	C214386	219.5	221.5	GSCH	non-mineralized	P-AML	1.54	11				92				0.31			114	<10		
K-06-0019	C214387	221.5	223.5	GSCH	non-mineralized	N-AML	1.36	8				64				0.35			122	<10		
K-06-0019	C214388	223.5	225.5	GSCH	non-mineralized	N-AML	1.47	20				142				0.3			108	<10		
K-06-0019	C214389	225.5	227.5	GSCH	non-mineralized	P-AML	1.86	16				104				0.34			122	<10		
K-06-0019	C214391	227.5	229.5	GSCH	non-mineralized	P-AML	1.7	26				88				0.33			120	10		
K-06-0019	C214392	229.5	231.5	GSCH	non-mineralized	N-AML	1.48	36				64				0.36			106	<10		
K-06-0019	C214393	231.5	233.5	QTZT	non-mineralized	N-AML	0.45	10				79				0.38			84	10		
K-06-0019	C214394	233.5	235.5	QTZT	mineralized	P-AML	0.42	7				101				0.42			95	<10		
K-06-0019	C214396	235.5	236.8	QTZT	mineralized	P-AML	1.05	5				71				0.43			121	<10		
K-06-0022	C214397	3	5	GSCH	mineralized	P-AML	0.03	6				16				0.09			20	<10		
K-06-0022	C214398	5	7	GSCH	mineralized	P-AML	0.02	<5				8				0.05			7	<10		
K-06-0022	C214399	7	9	GSCH	mineralized	P-AML	0.02	6				10				0.06			12	<10		
K-06-0022	C214400	9	11	GSCH	non-mineralized	N-AML	0.01	<5				14				0.08			15	<10		
K-06-0022	C214401	11	13	GSCH	non-mineralized	N-AML	0.02	12				22				0.09			21	<10		
K-06-0022	C214402	13	15	GSCH	non-mineralized	N-AML	0.01	<5				36				0.09			18	<10		
K-06-0022	C214404	15	17	GSCH	non-mineralized	N-AML	0.02	5				65				0.22			67	<10		
K-06-0022	C214405	17	19	GSCH	non-mineralized	N-AML	0.03	<5				38				0.18			56	<10		
K-06-0022	C214406	19	21	GSCH	non-mineralized	N-AML	0.11	8				149				0.35			131	<10		
K-06-0022	C214407	21	23	GSCH	non-mineralized	N-AML	0.03	<5				69				0.21			71	<10		
K-06-0022	C214408	23	25	GSCH	non-mineralized	N-AML	0.03	<5				39				0.14			37	<10		
K-06-0022	C214409	25	26.15	GSCH	non-mineralized	N-AML	0.03	<5				3				0.05			4	<10		
K-06-0022	C214411	26.15	28.85	GSCH	non-mineralized	N-AML	0.03	8				12				0.07			10	<10		
K-06-0022	C214412	28.85	30.85	GSCH	non-mineralized	N-AML	0.23	<5				113				0.27			87	<10		
K-06-0022	C214414	30.85	32.85	GSCH	non-mineralized	N-AML	0.08	5				56				0.18			54	<10		
K-06-0022	C214415	32.85	34.85	GSCH	non-mineralized	N-AML	0.15	<5				85				0.21			67	<10		
K-06-0022	C214416	34.85	36.85	GSCH	non-mineralized	N-AML	0.13	<5				114				0.29			87	<10		
K-06-0022	C214417	36.85	38.85	GSCH	non-mineralized	N-AML	0.2	<5				96				0.25			70	<10		
K-06-0022	C214418	38.85	40.15	GSCH	non-mineralized	N-AML	0.21	<5				89				0.24			65	<10		
K-06-0022	C214419	40.15	42	QTZT	non-mineralized	N-AML	0.07	<5				11				0.06			5	<10		
K-06-0022	C214420	42	44	QTZT	non-mineralized	N-AML	0.07	<5				9				0.08			6	<10		
K-06-0022	C214421	44	46	QTZT	non-mineralized	N-AML	0.14	<5				10				0.07			7	10		
K-06-0022	C214423	46	48	QTZT	non-mineralized	N-AML	0.08	<5				9				0.06			7	10		
K-06-0022	C214424	48	50	QTZT	non-mineralized	N-AML	0.07	<5				85				0.18			41	<10		
K-06-0022	C214425	50	52	QTZT	non-mineralized	N-AML	0.07	<5				23				0.1			14	<10		
K-06-0022	C214426	52	54	QTZT	mineralized	P-AML	0.12	<5				7				0.06			6	<10		
K-06-0022	C214427	54	56	QTZT	non-mineralized	N-AML	0.09	<5				6				0.06			5	10		
K-06-0022	C214428	56	57.34	QTZT	non-mineralized	N-AML	0.09	<5				14				0.07			17	10		
K-06-0022	C214430	57.34	58.6	QTZT	non-mineralized	P-AML	0.77	5				83				0.23			112	10		
K-06-0022	C214431	58.6	60	QTZT	non-mineralized	P-AML	0.82	<5				53				0.19			72	10		
K-06-0022	C214432	60	62	QTZT	non-mineralized	P-AML	0.39	<5				65				0.21			63	<10		
K-06-0022	C214434	62	64	QTZT	non-mineralized	P-AML	0.4	<5				69				0.17			67	10		
K-06-0022	C214435	64	66	QTZT	non-mineralized	P-AML	0.38	12				79				0.19			80	10		
K-06-0022	C214436	66	68	QTZT	non-mineralized	P-AML	0.35	<5				34				0.1			42	<10		
K-06-0022	C214437	68	70	QTZT	mineralized	P-AML	0.13	<5				12				0.07			9	<10		
K-06-0022	C214438	70	72	QTZT	non-mineralized	P-AML	0.74	<5				34				0.12			29	<10		
K-06-0022	C214439	72	74	QTZT	non-mineralized	N-AML	0.65	5				101				0.07			18	<10		
K-06-0022	C214440	74	75	QTZT	non-mineralized	N-AML	0.48	<5				30				0.03			4	<10		
K-06-0022	C214441	75	76	QTZT	non-mineralized	N-AML	0.34	<5				34				0.04			5	<10		
K-06-0022	C214442	76	77	QTZT	non-mineralized	N-AML	0.54	<5				22				0.04			7	<10		
K-06-0022	C214443	77	78	QTZT	non-mineralized	N-AML	0.42	<5				54				0.04			8	<10		
K-06-0022	C214444	78	79	QTZT	non-mineralized	N-AML	0.23	<5				112				0.03			3	<10		
K-06-0022	C214445	79	80	QTZT	non-mineralized	N-AML	0.29	<5				17				0.04			6	<10		
K-06-0022	C214447	80	81.2	QTZT	non-mineralized	N-AML	0.67	<5				64				0.07			19	<10		
K-06-0022	C214448	81.2	82.22	QTZT	non-mineralized	N-AML	1.4	11				64				0.22			74	<10		
K-06-0022	C214449	82.22	84	QTZT	non-mineralized	N-AML	0.21	<5				11				0.06			11	<10		
K-06-0022	C214450	84	86	QTZT	non-mineralized	P-AML	1.84	<5				82				0.15			44	<10		
K-06-0022	C214451	86	88	QTZT	non-mineralized	N-AML	0.34	<5				25				0.07			13	<10		
K-06-0022	C214453	88	90	QTZT	non-mineralized	N-AML	0.75	<5				63				0.13			44	<10		
K-06-0022	C214454	90	92	QTZT	non-mineralized	N-AML	0.09	<5				7				0.06			6	<10		
K-06-0022	C214456	92	94	QTZT	non-mineralized	P-AML	1.16	23				58				0.19			113	<10		
K-06-0022	C214457	94	96	QTZT	non-mineralized	P-AML	0.74	11				43				0.14			37	<10		
K-06-0022	C214458	96	98	QTZT	non-mineralized	N-AML	0.12	<5				5				0.05			5	<10		
K-06-0022	C214459	98	100	QTZT	non-mineralized	P-AML	0.27	<5				28				0.12			28	<10		
K-06-0022	C214460	100	102	QTZT	non-mineralized	N-AML	0.16	<5				6				0.06			10	<10		
K-06-0022	C214461	102	104	QTZT	non-mineralized	N-AML	0.2	<5				15				0.1			18	<10		
K-06-0022	C214462	104	106	QTZT	non-mineralized	N-AML	0.07	<5				5				0.06			5	<10		
K-06-0022	C214463	106	108	QTZT	non-mineralized	N-AML	0.17	<5				23				0.11			21	<10		
K-06-0022	C214464	108	110	QTZT	non-mineralized	P-AML	0.43	<5				21				0.1			21	<10		
K-06-0022	C214465	110	112	QTZT	non-mineralized	N-AML	0.23	<5				33				0.13			30	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-06-0022	C214466	112	114	QTZT	non-mineralized	N-AML	0.18	<5				16				0.09			17	<10		
K-06-0022	C214468	114	116	QTZT	non-mineralized	N-AML	0.23	<5				14				0.1			18	<10		
K-06-0022	C214469	116	118	QTZT	non-mineralized	N-AML	0.17	<5				11				0.08			13	<10		
K-06-0022	C214470	118	120	QTZT	non-mineralized	N-AML	0.23	<5				42				0.08			16	<10		
K-06-0022	C214471	120	122	QTZT	non-mineralized	N-AML	0.08	<5				5				0.07			7	<10		
K-06-0022	C214473	122	124	QTZT	non-mineralized	N-AML	0.15	9				7				0.07			8	<10		
K-06-0022	C214474	124	126	QTZT	non-mineralized	N-AML	0.12	6				16				0.11			17	<10		
K-06-0022	C214475	126	128.3	QTZT	non-mineralized	N-AML	0.11	<5				5				0.07			4	<10		
K-06-0022	C214476	128.3	129.4	QTZT	mineralized	P-AML	0.24	158				4				0.05			5	<10		
K-06-0022	C214478	129.4	130.4	QTZT	non-mineralized	P-AML	0.27	21				12				0.09			16	<10		
K-06-0022	C214479	130.4	131.4	QTZT	non-mineralized	P-AML	0.27	62				6				0.06			6	<10		
K-06-0022	C214480	131.4	132.4	QTZT	non-mineralized	N-AML	0.23	8				5				0.05			7	<10		
K-06-0022	C214482	132.4	132.9	QTZT	mineralized	P-AML	0.92	106				6				0.07			9	<10		
K-06-0022	C214483	132.9	135	QTZT	non-mineralized	P-AML	0.42	13				53				0.21			64	<10		
K-06-0022	C214484	135	135.9	QTZT	non-mineralized	N-AML	0.33	<5				27				0.09			19	<10		
K-06-0022	C214485	135.9	137	QTZT	non-mineralized	P-AML	0.9	7				124				0.26			95	<10		
K-06-0022	C214486	137	139	QTZT	non-mineralized	P-AML	0.41	<5				24				0.1			17	<10		
K-06-0022	C214487	139	140	QTZT	non-mineralized	N-AML	0.3	5				27				0.08			12	<10		
K-06-0022	C214489	140	142	QTZT	non-mineralized	P-AML	0.36	5				25				0.07			15	<10		
K-06-0022	C214490	142	144	GSCH	non-mineralized	N-AML	0.22	<5				35				0.08			19	<10		
K-06-0022	C214491	144	146	GSCH	non-mineralized	N-AML	0.42	<5				82				0.2			77	<10		
K-06-0022	C214492	146	148	GSCH	non-mineralized	N-AML	1.1	7				132				0.31			115	<10		
K-06-0022	C214493	148	150.95	GSCH	non-mineralized	P-AML	1.57	8				322				0.22			66	<10		
K-06-0022	C214515	182	183.72	CHSCH	non-mineralized	N-AML	1.13	23				74				0.25			98	<10		
K-06-0022	C214516	183.72	186	CHSCH	non-mineralized	N-AML	0.35	15				140				0.15			29	<10		
K-06-0022	C214517	186	188	CHSCH	non-mineralized	N-AML	0.47	<5				97				0.27			65	<10		
K-06-0022	C214518	188	190	CHSCH	non-mineralized	N-AML	0.4	7				110				0.18			48	<10		
K-06-0022	C214519	190	192	CHSCH	non-mineralized	N-AML	0.54	<5				116				0.22			56	<10		
K-06-0022	C214520	192	193	CHSCH	non-mineralized	N-AML	0.37	<5				106				0.27			71	<10		
K-06-0022	C214521	193	195.19	GNST	non-mineralized	N-AML	0.12	11				190				0.89			298	<10		
K-06-0022	C214522	195.19	197	SCH	non-mineralized	N-AML	0.73	<5				79				0.38			82	<10		
K-06-0022	C214523	197	199	SCH	non-mineralized	N-AML	0.99	<5				68				0.26			79	<10		
K-06-0022	C214525	199	201	SCH	non-mineralized	N-AML	0.99	<5				63				0.24			96	<10		
K-06-0022	C214526	201	203	SCH	non-mineralized	N-AML	0.69	<5				79				0.36			96	<10		
K-06-0022	C214527	203	205	SCH	non-mineralized	N-AML	0.38	<5				96				0.4			98	<10		
K-06-0022	C214528	205	207	SCH	non-mineralized	N-AML	0.33	5				52				0.44			114	<10		
K-06-0022	C214529	207	209	SCH	non-mineralized	N-AML	0.48	<5				89				0.33			73	<10		
K-06-0022	C214531	209	210.7	SCH	non-mineralized	N-AML	0.45	<5				56				0.38			83	<10		
K-06-0022	C214494	150.95	152.55	GSCH	non-mineralized	N-AML	1.01	12				144				0.16			50	<10		
K-06-0022	C214495	152.55	154.2	GSCH	non-mineralized	P-AML	0.27	9				59				0.17			77	<10		
K-06-0022	C214497	154.2	156	GSCH	non-mineralized	P-AML	0.34	<5				43				0.11			37	<10		
K-06-0022	C214536	216.84	218.2	PHY	non-mineralized	N-AML	0.01	10				68				0.4			89	<10		
K-06-0022	C214498	156	158	GSCH	non-mineralized	N-AML	0.62	<5				81				0.13			49	<10		
K-06-0022	C214499	158	160	GSCH	non-mineralized	N-AML	1.36	8				128				0.31			127	<10		
K-06-0022	C214500	160	162	GSCH	non-mineralized	N-AML	1.35	6				157				0.38			112	<10		
K-06-0022	C214501	162	164	GSCH	non-mineralized	P-AML	1.55	<5				163				0.45			141	<10		
K-06-0022	C214503	164	166	GSCH	non-mineralized	P-AML	1.85	5				137				0.39			125	<10		
K-06-0022	C214504	166	168	GSCH	non-mineralized	P-AML	2.29	7				147				0.37			133	<10		
K-06-0022	C214505	168	170	GSCH	non-mineralized	P-AML	1.61	<5				187				0.32			126	<10		
K-06-0022	C214507	170	172.3	GSCH	non-mineralized	P-AML	1.52	7				173				0.35			130	<10		
K-06-0022	C214508	172.3	174	GSCH	non-mineralized	P-AML	1.7	<5				212				0.35			125	<10		
K-06-0022	C214509	174	176	GSCH	non-mineralized	P-AML	1.7	6				113				0.29			142	<10		
K-06-0022	C214510	176	177	GSCH	non-mineralized	P-AML	1.62	18				56				0.3			101	<10		
K-06-0022	C214511	177	178.6	GSCH	non-mineralized	P-AML	1.57	18				87				0.32			119	<10		
K-06-0022	C214513	178.6	180	GSCH	non-mineralized	P-AML	1.72	17				130				0.31			124	<10		
K-06-0022	C214514	180	182	GSCH	non-mineralized	N-AML	1.39	40				118				0.27			117	<10		
K-06-0022	C214532	210.7	212	QTZT	non-mineralized	N-AML	0.4	<5				56				0.39			77	<10		
K-06-0022	C214533	212	214	QTZT	mineralized	P-AML	0.37	<5				71				0.38			71	<10		
K-06-0022	C214534	214	216.84	QTZT	mineralized	P-AML	0.14	<5				79				0.35			71	<10		
K-07-0114	E768716	8.53	10.5	QTZT	non-mineralized	N-AML	0.01	<5	1			14			<20	0.07	<10	<10	13	<10		
K-07-0114	E768717	10.5	12.5	QTZT	non-mineralized	N-AML	0.01	<5	5			30			<20	0.17	<10	<10	48	<10		
K-07-0114	E768719	12.5	14.5	QTZT	non-mineralized	N-AML	0.01	<5	5			39			<20	0.18	<10	<10	48	<10		
K-07-0114	E768740	53.07	54.85	SCH	non-mineralized	N-AML	0.01	5	6			62			<20	0.21	<10	<10	63	<10		
K-07-0114	E768741	54.85	56.92	SCH	non-mineralized	N-AML	0.02	<5	13			111			<20	0.34	<10	<10	129	<10		
K-07-0114	E768720	14.5	17.68	QTZT	non-mineralized	N-AML	0.01	<5	1			7			<20	0.07	<10	<10	11	<10		
K-07-0114	E768721	17.68	20.73	QTZT	non-mineralized	N-AML	0.01	18	17			38			<20	0.23	<10	<10	152	<10		
K-07-0114	E768722	20.73	23.77	QTZT	non-mineralized	N-AML	0.03	<5	3			30			<20	0.13	<10	<10	33	<10		
K-07-0114	E768723	23.77	26.82	QTZT	non-mineralized	N-AML	0.02	<5	1			12			<20	0.05	<10	<10	7	<10		
K-07-0114	E768747	63.24	65.25	SCH	non-mineralized	N-AML	0.01	9	12			107			<20	0.28	<10	<10	123	<10		
K-07-0114	E768748	65.25	67.25	SCH	non-mineralized	N-AML	0.01	<5	9			114			<20	0.32	<10	<10	96	<10		
K-07-0114	E768750	67.25	69.25	SCH	non-mineralized	N-AML	0.01	<5	10			119			<20	0.29	<10	<10	101	<10		
K-07-0114	E768751	69.25	71.25	SCH	non-mineralized	N-AML	0.01	5	15			177			<20	0.33	<10	<10	167	<10		
K-07-0114	E768752	71.25	73.25	SCH	non-mineralized	N-AML	0.01	5	18			198			<20	0.38	<10	<10	179	<10		
K-07-0114	E768753	73.25	75.19	SCH	non-mineralized	N-AML	0.02	5	17			185			20	0.39	<10	<10	173	<10		
K-07-0114	E768725	26.82	28.8	QTZT	non-mineralized	N-AML	0.01	<5	1			8			<20	0.08	<10	<10	7	<10		
K-07-0114	E768726	28.8	30.8	QTZT	non-mineralized	N-AML	0.01	<5	1			8			<20	0.08	<10	<10	5	<10		
K-07-0114	E768727	30.8	32.8	QTZT	non-mineralized	N-AML	0.02	7	4			36			<20	0.16	<10	<10	44	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-07-0114	E768728	32.8	34.8	QTZT	non-mineralized	N-AML	0.01	<5	4			50			<20	0.18	<10	<10	44	<10		
K-07-0114	E768730	34.8	36.8	QTZT	non-mineralized	N-AML	0.01	<5	6			55			<20	0.23	10	<10	67	<10		
K-07-0114	E768731	36.8	38.8	QTZT	non-mineralized	N-AML	0.02	<5	4			27			<20	0.15	<10	<10	38	<10		
K-07-0114	E768732	38.8	40.8	QTZT	non-mineralized	N-AML	0.02	10	6			55			<20	0.15	<10	<10	58	<10		
K-07-0114	E768734	40.8	42.8	QTZT	non-mineralized	N-AML	0.01	<5	1			15			<20	0.08	<10	<10	13	<10		
K-07-0114	E768735	42.8	44.8	QTZT	non-mineralized	N-AML	0.005	<5	1			7			<20	0.06	<10	<10	6	<10		
K-07-0114	E768736	44.8	46.8	QTZT	non-mineralized	N-AML	0.01	<5	1			13			<20	0.08	<10	<10	12	<10		
K-07-0114	E768737	46.8	48.8	QTZT	non-mineralized	N-AML	0.01	<5	1			16			<20	0.05	10	<10	6	<10		
K-07-0114	E768738	48.8	50.8	QTZT	non-mineralized	N-AML	0.01	6	1			11			<20	0.07	<10	<10	7	<10		
K-07-0114	E768739	50.8	53.07	QTZT	non-mineralized	N-AML	0.01	<5	1			6			<20	0.06	<10	<10	6	<10		
K-07-0114	E768742	56.92	58.9	QTZT	non-mineralized	N-AML	0.02	5	1			55			<20	0.05	<10	<10	12	<10		
K-07-0114	E768744	58.9	60.9	QTZT	non-mineralized	N-AML	0.01	<5	1			16			<20	0.08	<10	<10	13	<10		
K-07-0114	E768745	60.9	61.9	QTZT	non-mineralized	N-AML	0.01	<5	1			6			<20	0.06	<10	<10	6	<10		
K-07-0114	E768746	61.9	63.24	QTZT	non-mineralized	N-AML	0.01	<5	1			34			<20	0.04	<10	<10	7	<10		
K-07-0114	E768754	75.19	77.2	QTZT	non-mineralized	P-AML	0.29	9	6			82			<20	0.17	<10	<10	62	<10		
K-07-0114	E768755	77.2	79.2	QTZT	non-mineralized	N-AML	0.01	<5	8			106			<20	0.24	<10	<10	83	<10		
K-07-0114	E768756	79.2	81.2	QTZT	non-mineralized	N-AML	0.01	5	1			7			<20	0.08	<10	<10	5	<10		
K-07-0114	E768757	81.2	83.2	QTZT	non-mineralized	N-AML	0.01	<5	1			7			<20	0.08	<10	<10	5	<10		
K-07-0114	E768759	83.2	85.2	QTZT	non-mineralized	N-AML	0.03	5	1			5			<20	0.07	<10	<10	5	<10		
K-07-0114	E768760	85.2	87.2	QTZT	non-mineralized	N-AML	0.03	7	1			13			<20	0.09	<10	<10	13	<10		
K-07-0114	E768761	87.2	89.2	QTZT	non-mineralized	N-AML	0.02	<5	2			22			<20	0.11	<10	<10	16	<10		
K-07-0114	E768762	89.2	91.2	QTZT	non-mineralized	N-AML	0.05	<5	5			75			<20	0.21	<10	<10	51	<10		
K-07-0114	E768763	91.2	92.92	QTZT	non-mineralized	N-AML	0.03	<5	1			31			<20	0.06	<10	<10	5	<10		
K-07-0114	E768764	92.92	94.92	QTZT	non-mineralized	N-AML	0.03	<5	<1			9			<20	0.06	<10	<10	4	<10		
K-07-0114	E768765	94.92	96.93	QTZT	non-mineralized	N-AML	0.03	<5	1			10			<20	0.09	<10	<10	9	<10		
K-07-0114	E768767	96.93	98.81	QTZT	non-mineralized	P-AML	0.44	<5	9			113			<20	0.3	<10	<10	116	<10		
K-07-0114	E768768	98.81	100.81	QTZT	non-mineralized	N-AML	0.13	<5	2			40			<20	0.13	<10	<10	27	<10		
K-07-0114	E768769	100.81	102.81	QTZT	non-mineralized	N-AML	0.05	<5	2			35			<20	0.11	<10	<10	18	<10		
K-07-0114	E768770	102.81	104.81	QTZT	non-mineralized	N-AML	0.05	<5	1			15			<20	0.1	<10	<10	11	<10		
K-07-0114	E768771	104.81	106.79	QTZT	mineralized	P-AML	0.02	<5	1			5			<20	0.07	<10	<10	4	<10		
K-07-0114	E768773	106.79	108.8	QTZT	non-mineralized	N-AML	0.05	<5	1			21			<20	0.11	<10	<10	14	<10		
K-07-0114	E768774	108.8	110.8	QTZT	non-mineralized	N-AML	0.13	<5	4			74			<20	0.18	<10	<10	45	<10		
K-07-0114	E768775	110.8	112.83	QTZT	non-mineralized	N-AML	0.16	<5	1			25			<20	0.1	<10	<10	13	<10		
K-07-0114	E768776	112.83	114.92	QTZT	mineralized	P-AML	0.06	<5	1			10			<20	0.07	<10	<10	4	<10		
K-07-0114	E768778	114.92	116.9	QTZT	non-mineralized	N-AML	0.32	6	3			54			<20	0.15	<10	<10	33	<10		
K-07-0114	E768779	116.9	118.9	QTZT	non-mineralized	P-AML	0.54	<5	3			44			<20	0.15	<10	<10	37	<10		
K-07-0114	E768780	118.9	120.9	QTZT	non-mineralized	P-AML	0.31	<5	3			35			<20	0.13	<10	<10	27	<10		
K-07-0114	E768781	120.9	122.31	QTZT	non-mineralized	P-AML	0.32	<5	1			12			<20	0.09	<10	<10	13	<10		
K-07-0114	E768782	122.31	124.36	QTZT	non-mineralized	N-AML	0.06	<5	<1			5			<20	0.07	<10	<10	5	<10		
K-07-0114	E768784	124.36	126.32	QTZT	non-mineralized	N-AML	0.06	<5	1			6			<20	0.08	<10	<10	4	<10		
K-07-0114	E768785	126.32	128.32	QTZT	non-mineralized	N-AML	0.02	<5	1			5			<20	0.07	<10	<10	3	<10		
K-07-0114	E768786	128.32	129.8	QTZT	non-mineralized	N-AML	0.03	<5	1			6			<20	0.08	<10	<10	4	<10		
K-07-0114	E768787	129.8	131.7	QTZT	non-mineralized	N-AML	0.05	<5	1			5			<20	0.09	<10	<10	4	<10		
K-07-0114	E768788	131.7	133.7	QTZT	non-mineralized	P-AML	0.4	<5	3			45			<20	0.16	<10	<10	29	<10		
K-07-0114	E768790	133.7	135.07	QTZT	non-mineralized	N-AML	0.05	<5	1			9			<20	0.07	<10	<10	6	<10		
K-07-0114	E768791	135.07	137.07	QTZT	non-mineralized	N-AML	0.01	<5	1			5			<20	0.06	<10	<10	4	<10		
K-07-0114	E768792	137.07	139.07	QTZT	non-mineralized	N-AML	0.02	<5	<1			4			<20	0.06	<10	<10	3	<10		
K-07-0114	E768793	139.07	140.92	QTZT	non-mineralized	N-AML	0.21	<5	1			12			<20	0.05	<10	<10	5	<10		
K-07-0114	E768794	140.92	142.85	GSCH	non-mineralized	N-AML	0.81	<5	9			128			<20	0.25	<10	<10	86	<10		
K-07-0114	E768795	142.85	144.86	GSCH	non-mineralized	N-AML	0.93	<5	9			104			<20	0.2	<10	<10	74	<10		
K-07-0114	E768797	144.86	146.92	GSCH	non-mineralized	P-AML	0.89	9	15			158			<20	0.41	<10	<10	152	<10		
K-07-0114	E768798	146.92	148.95	GSCH	non-mineralized	P-AML	2.32	7	16			162			<20	0.41	<10	<10	157	<10		
K-07-0114	E768799	148.95	150.88	GSCH	non-mineralized	N-AML	0.15	<5	6			64			<20	0.21	<10	<10	59	<10		
K-07-0114	E768800	150.88	152.88	QTZT	non-mineralized	N-AML	0.33	<5	1			79			<20	0.04	<10	<10	9	<10		
K-07-0114	E768801	152.88	154.82	QTZT	non-mineralized	N-AML	0.37	<5	1			109			<20	0.04	<10	<10	9	<10		
K-07-0114	E768802	154.82	156.82	QTZT	non-mineralized	P-AML	0.56	<5	8			67			<20	0.26	<10	<10	95	<10		
K-07-0114	E768804	156.82	158.82	QTZT	non-mineralized	N-AML	0.51	10	15			134			<20	0.39	<10	<10	133	<10		
K-07-0114	E768805	158.82	160.79	QTZT	non-mineralized	N-AML	0.82	<5	7			71			<20	0.21	<10	<10	68	<10		
K-07-0114	E768806	160.79	162.8	QTZT	non-mineralized	P-AML	0.58	<5	9			136			<20	0.29	<10	<10	90	<10		
K-07-0114	E768807	162.8	164.8	QTZT	non-mineralized	N-AML	0.52	<5	4			71			<20	0.16	<10	<10	43	<10		
K-07-0114	E768808	164.8	166.84	QTZT	non-mineralized	P-AML	1.58	<5	11			141			<20	0.3	10	<10	133	<10		
K-07-0114	E768809	166.84	168.86	QTZT	non-mineralized	N-AML	0.47	5	16			273			20	0.48	10	<10	161	<10		
K-07-0114	E768810	168.86	170.83	QTZT	non-mineralized	N-AML	0.43	<5	12			218			<20	0.37	<10	<10	118	<10		
K-07-0114	E768811	170.83	173.13	QTZT	non-mineralized	N-AML	0.79	<5	6			105			<20	0.2	10	<10	57	<10		
K-07-0114	E768812	173.13	175.13	QTZT	non-mineralized	P-AML	0.37	<5	4			44			<20	0.17	<10	<10	40	<10		
K-07-0114	E768814	175.13	177.13	QTZT	non-mineralized	P-AML	0.94	<5	7			97			<20	0.25	<10	<10	77	<10		
K-07-0114	E768815	177.13	179.12	GSCH	non-mineralized	P-AML	1.13	7	10			156			<20	0.34	<10	<10	108	<10		
K-07-0114	E768816	179.12	181.12	GSCH	non-mineralized	P-AML	0.65	<5	6			51			<20	0.2	<10	<10	60	<10		
K-07-0114	E768817	181.12	183.11	GSCH	non-mineralized	P-AML	0.96	<5	9			106			<20	0.3	<10	<10	94	<10		
K-07-0114	E768818	183.11	185.11	GSCH	non-mineralized	P-AML	0.51	6	8			104			<20	0.28	<10	<10	85	<10		
K-07-0114	E768820	185.11	187.22	GSCH	non-mineralized	P-AML	0.77	<5	4			38			<20	0.14	<10	<10	37	<10		
K-07-0114	E768821	187.22	188.57	GSCH	non-mineralized	N-AML	0.55	<5	1			108			<20	0.06	<10	<10	16	<10		
K-07-0114	E768823	188.57	189.41	GSCH	non-mineralized	N-AML	0.8	<5	1			22			<20	0.07	<10	<10	18	<10		
K-07-0114	E768824	189.41	191.41	GSCH	non-mineralized	P-AML	0.7	<5	1			18			<20	0.09	<10	<10	17	<10		
K-07-0114	E768825	191.41	192.85	GSCH	non-mineralized	P-AML	2.53	9	13			139			<20	0.43	<10	<10	157	<10		
K-07-0114	E768826	192.85	193.47	GSCH	non-mineralized	P-AML	2.42	8	11			102			<20	0.33	<10	<10	126	<10		
K-07-0114	E768827	193.47	194.58	GSCH	non-mineralized	N-AML	0.24	<5	1			9			<20	0.07	<10	<10	12	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-07-0114	E768828	194.58	195.35	GSCH	non-mineralized	P-AML	0.67	5	2			20			<20	0.1	<10	<10	28	<10		
K-07-0114	E768829	195.35	195.77	GSCH	non-mineralized	P-AML	2.43	32	10			77			<20	0.32	10	<10	117	<10		
K-07-0114	E768830	195.77	195.97	GSCH	mineralized	P-AML	3.64	5880	2			8			<20	0.06	10	<10	13	<10		
K-07-0114	E768831	195.97	196.49	GSCH	mineralized	P-AML	2.5	10000	3			5			<20	0.02	10	<10	7	<10		
K-07-0114	E768832	196.49	196.89	GSCH	mineralized	P-AML	1.77	1000	2			12			<20	0.01	10	<10	4	30		
K-07-0114	E768834	196.89	197.17	GSCH	mineralized	P-AML	3.23	27	1			35			<20	0.04	<10	<10	11	10		
K-07-0114	E768835	197.17	197.77	GSCH	non-mineralized	P-AML	0.88	9	9			88			<20	0.3	<10	<10	107	<10		
K-07-0114	E768856	223.19	225.17	CHSCH	non-mineralized	N-AML	0.03	<5	39			591			<20	1.11	<10	<10	389	<10		
K-07-0114	E768857	225.17	227.17	CHSCH	non-mineralized	N-AML	0.1	8	41			590			<20	1.18	<10	10	408	20		
K-07-0114	E768858	227.17	228.67	CHSCH	non-mineralized	N-AML	0.05	5	34			381			<20	0.97	<10	<10	352	<10		
K-07-0114	E768836	197.77	199.12	QTZT	non-mineralized	N-AML	0.4	<5	2			20			<20	0.1	<10	<10	26	<10		
K-07-0114	E768837	199.12	199.99	QTZT	non-mineralized	N-AML	0.48	7	5			32			<20	0.16	<10	<10	50	<10		
K-07-0114	E768838	199.99	200.56	QTZT	non-mineralized	N-AML	0.39	<5	3			40			<20	0.1	<10	<10	30	<10		
K-07-0114	E768840	200.56	201.6	QTZT	non-mineralized	N-AML	0.62	6	5			43			<20	0.18	<10	<10	57	<10		
K-07-0114	E768841	201.6	202.9	QTZT	non-mineralized	N-AML	0.57	<5	3			36			<20	0.12	<10	<10	36	<10		
K-07-0114	E768866	238.2	240.23	CQTZT	non-mineralized	N-AML	0.47	<5	3			58			<20	0.13	<10	<10	38	<10		
K-07-0114	E768867	240.23	242.23	CQTZT	non-mineralized	N-AML	0.94	<5	5			71			<20	0.19	<10	<10	65	<10		
K-07-0114	E768868	242.23	244.23	CQTZT	non-mineralized	N-AML	0.59	<5	3			51			<20	0.12	<10	<10	31	<10		
K-07-0114	E768843	202.9	203.61	QTZT	non-mineralized	N-AML	0.85	8	2			31			<20	0.09	<10	<10	26	<10		
K-07-0114	E768844	203.61	204.08	QTZT	non-mineralized	N-AML	0.48	<5	1			13			<20	0.05	<10	<10	10	<10		
K-07-0114	E768845	204.08	206.06	QTZT	non-mineralized	N-AML	0.05	<5	<1			3			<20	0.07	10	<10	4	<10		
K-07-0114	E768846	206.06	208.05	QTZT	non-mineralized	N-AML	0.1	<5	1			26			<20	0.04	<10	<10	4	<10		
K-07-0114	E768847	208.05	210.05	QTZT	non-mineralized	P-AML	0.62	<5	3			47			<20	0.16	<10	<10	37	<10		
K-07-0114	E768848	210.05	211.94	QTZT	non-mineralized	N-AML	0.11	<5	1			9			<20	0.06	<10	<10	7	<10		
K-07-0114	E768849	211.94	214	QTZT	non-mineralized	N-AML	0.1	<5	1			17			<20	0.04	<10	<10	5	<10		
K-07-0114	E768851	214	215.05	QTZT	non-mineralized	P-AML	0.27	<5	3			35			<20	0.16	<10	<10	40	<10		
K-07-0114	E768852	215.05	217.15	QTZT	non-mineralized	N-AML	0.19	<5	1			8			<20	0.07	<10	<10	11	<10		
K-07-0114	E768853	217.15	219.15	QTZT	non-mineralized	N-AML	0.24	<5	3			39			<20	0.14	<10	<10	35	<10		
K-07-0114	E768854	219.15	221.19	QTZT	non-mineralized	N-AML	0.18	<5	2			25			<20	0.11	<10	<10	27	<10		
K-07-0114	E768855	221.19	223.19	QTZT	non-mineralized	N-AML	0.32	6	33			203			<20	0.95	<10	<10	345	<10		
K-07-0114	E768860	228.67	230.67	QTZT	non-mineralized	N-AML	0.07	<5	1			55			<20	0.05	<10	<10	7	<10		
K-07-0114	E768861	230.67	232.67	QTZT	non-mineralized	N-AML	0.08	<5	1			36			<20	0.03	10	<10	3	<10		
K-07-0114	E768863	232.67	234.17	QTZT	non-mineralized	N-AML	0.17	<5	1			11			<20	0.04	<10	<10	5	<10		
K-07-0114	E768864	234.17	236.2	QTZT	non-mineralized	N-AML	0.09	<5	1			19			<20	0.04	<10	<10	7	<10		
K-07-0114	E768865	236.2	238.2	QTZT	non-mineralized	N-AML	0.56	5	7			78			<20	0.25	10	<10	78	<10		
K-07-0114	E768869	244.23	246.23	QTZT	non-mineralized	N-AML	0.76	<5	3			67			<20	0.1	<10	<10	32	<10		
K-07-0114	E768871	246.23	248.24	QTZT	non-mineralized	P-AML	0.33	<5	1			13			<20	0.05	<10	<10	9	<10		
K-07-0114	E768872	248.24	250.24	QTZT	non-mineralized	P-AML	0.31	<5	1			22			<20	0.07	<10	<10	14	<10		
K-07-0114	E768873	250.24	252.24	QTZT	non-mineralized	N-AML	1.07	5	4			76			<20	0.12	10	<10	60	<10		
K-07-0114	E768874	252.24	254.24	QTZT	mineralized	P-AML	0.15	<5	1			14			<20	0.07	10	<10	18	<10		
K-07-0114	E768875	254.24	256.24	QTZT	non-mineralized	P-AML	0.58	<5	8			108			<20	0.24	10	<10	87	<10		
K-07-0114	E768876	256.24	258.24	QTZT	non-mineralized	P-AML	2.82	<5	17			248			20	0.46	20	<10	179	10		
K-07-0114	E768877	258.24	260.24	QTZT	non-mineralized	N-AML	0.41	<5	2			54			<20	0.08	10	<10	24	10		
K-07-0114	E768878	260.24	262.21	QTZT	non-mineralized	N-AML	1.27	<5	7			198			<20	0.24	10	<10	81	<10		
K-07-0114	E768880	262.21	264.21	QTZT	non-mineralized	N-AML	1	6	6			136			<20	0.18	10	<10	61	<10		
K-07-0114	E768882	264.21	266.25	QTZT	non-mineralized	N-AML	0.61	10	2			108			<20	0.09	<10	<10	22	<10		
K-07-0114	E768883	266.25	268.25	QTZT	non-mineralized	N-AML	0.4	<5	3			69			<20	0.11	<10	<10	35	<10		
K-07-0114	E768884	268.25	270.27	QTZT	non-mineralized	N-AML	0.56	5	11			151			<20	0.31	<10	<10	135	<10		
K-07-0114	E768885	270.27	272.26	QTZT	non-mineralized	P-AML	0.41	6	12			155			<20	0.35	10	<10	130	<10		
K-07-0114	E768886	272.26	274.29	QTZT	non-mineralized	N-AML	0.82	5	13			193			<20	0.33	<10	<10	122	<10		
K-07-0114	E768887	274.29	276.26	QTZT	non-mineralized	N-AML	0.13	<5	2			41			<20	0.11	<10	<10	22	<10		
K-07-0114	E768888	276.26	278.18	QTZT	non-mineralized	N-AML	0.35	<5	9			130			<20	0.28	<10	<10	98	<10		
K-07-0114	E768889	278.18	280.09	QTZT	non-mineralized	N-AML	0.32	<5	11			126			<20	0.29	<10	<10	110	<10		
K-07-0114	E768890	280.09	281.59	QTZT	non-mineralized	N-AML	0.2	<5	2			28			<20	0.1	<10	<10	21	<10		
K-07-0114	E768892	281.59	282.85	QTZT	non-mineralized	N-AML	0.35	<5	9			116			<20	0.28	<10	<10	89	<10		
K-07-0115	E768893	7.91	10.64	QTZT	non-mineralized	N-AML	0.01	6	1			15			<20	0.05	<10	<10	7	<10		
K-07-0115	E768894	10.64	12.14	QTZT	non-mineralized	N-AML	0.01	<5	7			17			<20	0.18	10	<10	69	<10		
K-07-0115	E768895	12.14	14.72	QTZT	non-mineralized	N-AML	0.01	8	13			28			<20	0.37	<10	<10	131	<10		
K-07-0115	E768896	14.72	17.57	QTZT	non-mineralized	N-AML	0.01	14	12			42			<20	0.23	<10	<10	112	<10		
K-07-0115	E768897	17.57	19.56	QTZT	non-mineralized	N-AML	0.01	<5	4			41			<20	0.13	<10	<10	40	<10		
K-07-0115	E768899	19.56	21.59	QTZT	non-mineralized	N-AML	0.01	<5	2			20			<20	0.09	<10	<10	24	<10		
K-07-0115	E768900	21.59	23.57	QTZT	non-mineralized	N-AML	0.01	7	9			94			<20	0.28	<10	<10	100	<10		
K-07-0115	E768901	23.57	25.57	QTZT	non-mineralized	N-AML	0.01	9	10			82			<20	0.31	10	<10	104	<10		
K-07-0115	E768902	25.57	27.56	QTZT	non-mineralized	N-AML	0.04	7	1			9			<20	0.06	<10	<10	6	<10		
K-07-0115	E768903	27.56	29.56	QTZT	non-mineralized	N-AML	0.01	5	1			6			<20	0.09	<10	<10	5	<10		
K-07-0115	E768905	29.56	30.7	QTZT	non-mineralized	N-AML	0.01	8	5			37			<20	0.18	<10	<10	53	<10		
K-07-0115	E768906	30.7	32.7	QTZT	non-mineralized	N-AML	0.03	8	4			37			<20	0.16	<10	<10	48	<10		
K-07-0115	E768907	32.7	34.7	QTZT	non-mineralized	N-AML	0.02	6	4			37			<20	0.17	<10	<10	41	<10		
K-07-0115	E768908	34.7	36.74	QTZT	non-mineralized	N-AML	0.02	7	8			67			<20	0.3	10	<10	88	<10		
K-07-0115	E768909	36.74	38.76	QTZT	non-mineralized	N-AML	0.02	<5	1			16			<20	0.09	<10	<10	12	<10		
K-07-0115	E768910	38.76	40.7	QTZT	non-mineralized	N-AML	0.03	6	4			54			<20	0.17	<10	<10	45	<10		
K-07-0115	E768911	40.7	42.73	QTZT	non-mineralized	N-AML	0.01	5	3			29			<20	0.16	<10	<10	35	<10		
K-07-0115	E768912	42.73	44.76	QTZT	non-mineralized	N-AML	0.02	<5	1			4			<20	0.06	<10	<10	5	<10		
K-07-0115	E768914	44.76	46.76	QTZT	non-mineralized	N-AML	0.03	<5	1			7			<20	0.07	<10	<10	7	<10		
K-07-0115	E768915	46.76	48.16	QTZT	non-mineralized	N-AML	0.005	<5	1			5			<20	0.05	<10	<10	5	<10		
K-07-0115	E768916	48.16	50.16	QTZT	non-mineralized	N-AML	0.01	<5	3			22			<20	0.14	<10	<10	26	10		
K-07-0115	E768917	50.16	51.21	QTZT	non-mineralized	N-AML	0.01	<5	4			30			<20	0.14	<10	<10	34	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-07-0115	E768918	51.21	53.24	QTZT	non-mineralized	N-AML	0.02	<5	3			25			<20	0.13	<10	<10	31	<10		
K-07-0115	E768919	53.24	55.23	QTZT	non-mineralized	N-AML	0.02	7	7			65			<20	0.24	<10	<10	75	<10		
K-07-0115	E768921	55.23	57.23	QTZT	mineralized	P-AML	0.01	<5	1			21			<20	0.08	<10	<10	15	<10		
K-07-0115	E768922	57.23	59.27	QTZT	mineralized	P-AML	0.01	<5	<1			6			<20	0.05	<10	<10	3	<10		
K-07-0115	E768924	59.27	61.21	QTZT	non-mineralized	N-AML	0.03	<5	1			27			<20	0.04	<10	<10	5	<10		
K-07-0115	E768925	61.21	63.27	QTZT	non-mineralized	N-AML	0.04	<5	2			49			<20	0.11	<10	<10	24	<10		
K-07-0115	E768926	63.27	65.27	QTZT	non-mineralized	N-AML	0.02	<5	11			135			<20	0.32	<10	<10	130	<10		
K-07-0115	E768927	65.27	67.24	GSCH	non-mineralized	N-AML	0.02	5	6			67			<20	0.19	<10	<10	57	<10		
K-07-0115	E768928	67.24	69.26	GSCH	non-mineralized	N-AML	0.02	<5	11			132			<20	0.26	<10	<10	118	<10		
K-07-0115	E768929	69.26	71.24	GSCH	non-mineralized	N-AML	0.03	<5	7			242			<20	0.22	<10	<10	75	<10		
K-07-0115	E768930	71.24	73.25	GSCH	non-mineralized	N-AML	0.06	<5	12			145			<20	0.25	<10	<10	106	<10		
K-07-0115	E768932	73.25	75.24	GSCH	non-mineralized	P-AML	0.44	18	20			225			20	0.38	<10	<10	196	<10		
K-07-0115	E768933	75.24	77.21	GSCH	non-mineralized	N-AML	0.08	<5	4			51			<20	0.13	<10	<10	38	10		
K-07-0115	E768934	77.21	79.26	QTZT	non-mineralized	N-AML	0.01	<5	<1			6			<20	0.05	<10	<10	4	<10		
K-07-0115	E768935	79.26	81.15	QTZT	non-mineralized	N-AML	0.01	<5	1			6			<20	0.08	10	<10	5	<10		
K-07-0115	E768936	81.15	83.2	QTZT	non-mineralized	N-AML	0.04	<5	<1			6			<20	0.07	<10	<10	5	<10		
K-07-0115	E768937	83.2	85.2	QTZT	non-mineralized	N-AML	0.06	<5	1			5			<20	0.07	<10	<10	5	<10		
K-07-0115	E768938	85.2	87.17	QTZT	non-mineralized	N-AML	0.17	<5	2			27			<20	0.11	<10	<10	23	<10		
K-07-0115	E768940	87.17	89.27	QTZT	non-mineralized	N-AML	0.15	<5	3			51			<20	0.17	<10	<10	37	50		
K-07-0115	E768942	89.27	91.27	QTZT	non-mineralized	N-AML	0.07	<5	1			10			<20	0.08	<10	<10	7	<10		
K-07-0115	E768943	91.27	93.22	QTZT	non-mineralized	N-AML	0.05	<5	1			47			<20	0.06	<10	<10	5	<10		
K-07-0115	E768944	93.22	95.24	QTZT	non-mineralized	N-AML	0.12	<5	1			18			<20	0.08	<10	<10	8	<10		
K-07-0115	E768945	95.24	97.28	QTZT	non-mineralized	N-AML	1.17	<5	7			107			<20	0.22	<10	<10	79	<10		
K-07-0115	E768946	97.28	99.28	QTZT	mineralized	P-AML	0.08	5	1			53			<20	0.05	<10	<10	4	<10		
K-07-0115	E768947	99.28	101.27	QTZT	non-mineralized	P-AML	0.54	6	5			82			<20	0.23	<10	<10	58	<10		
K-07-0115	E768948	101.27	103.27	QTZT	non-mineralized	N-AML	0.03	<5	1			8			<20	0.08	<10	<10	5	<10		
K-07-0115	E768949	103.27	105.27	QTZT	non-mineralized	N-AML	0.05	<5	1			10			<20	0.08	<10	<10	5	<10		
K-07-0115	E768951	105.27	107.24	QTZT	non-mineralized	N-AML	0.09	<5	4			34			<20	0.16	10	<10	42	<10		
K-07-0115	E768952	107.24	109.27	QTZT	non-mineralized	N-AML	0.12	<5	3			33			<20	0.12	<10	<10	28	<10		
K-07-0115	E768953	109.27	111.28	QTZT	mineralized	P-AML	0.02	<5	1			8			<20	0.08	10	<10	5	<10		
K-07-0115	E768954	111.28	113.28	QTZT	non-mineralized	N-AML	0.14	<5	1			25			<20	0.09	<10	<10	14	<10		
K-07-0115	E768955	113.28	115.32	QTZT	mineralized	P-AML	0.08	<5	1			9			<20	0.08	<10	<10	5	<10		
K-07-0115	E768956	115.32	117.32	QTZT	mineralized	P-AML	0.05	<5	1			10			<20	0.07	<10	<10	5	<10		
K-07-0115	E768958	117.32	119.23	QTZT	non-mineralized	N-AML	0.23	<5	2			25			<20	0.1	<10	<10	19	20		
K-07-0115	E768959	119.23	121.04	QTZT	non-mineralized	N-AML	0.05	<5	<1			7			<20	0.07	<10	<10	5	<10		
K-07-0115	E768960	121.04	123.09	QTZT	non-mineralized	N-AML	0.22	<5	1			18			<20	0.09	<10	<10	12	<10		
K-07-0115	E768961	123.09	125.1	QTZT	non-mineralized	N-AML	0.005	<5	1			7			<20	0.07	<10	<10	5	10		
K-07-0115	E768962	125.1	127.1	QTZT	non-mineralized	N-AML	0.09	<5	1			11			<20	0.07	<10	<10	6	<10		
K-07-0115	E768963	127.1	129.09	QTZT	non-mineralized	N-AML	0.11	<5	1			5			<20	<0.01	<10	<10	<1	<10		
K-07-0115	E768965	129.09	131.04	QTZT	non-mineralized	N-AML	0.22	<5	1			10			<20	0.06	<10	<10	5	<10		
K-07-0115	E768966	131.04	133.04	QTZT	non-mineralized	N-AML	0.23	<5	1			32			<20	0.03	<10	<10	5	<10		
K-07-0115	E768967	133.04	135.04	QTZT	non-mineralized	N-AML	0.06	<5	<1			7			<20	0.06	<10	<10	5	<10		
K-07-0115	E768968	135.04	137.04	QTZT	mineralized	P-AML	0.06	<5	<1			8			<20	0.05	<10	<10	4	<10		
K-07-0115	E768969	137.04	139.04	QTZT	non-mineralized	P-AML	0.43	<5	1			6			<20	0.05	<10	<10	4	<10		
K-07-0115	E768971	139.04	141.04	QTZT	non-mineralized	N-AML	1.36	<5	12			192			<20	0.28	<10	<10	123	<10		
K-07-0115	E768972	141.04	143.02	QTZT	non-mineralized	N-AML	0.63	<5	13			129			<20	0.29	10	<10	125	<10		
K-07-0115	E768973	143.02	145.04	QTZT	non-mineralized	N-AML	0.34	<5	3			64			<20	0.11	<10	<10	38	<10		
K-07-0115	E768974	145.04	147.09	QTZT	non-mineralized	N-AML	0.19	<5	1			45			<20	0.04	<10	<10	8	<10		
K-07-0115	E768975	147.09	149.02	QTZT	non-mineralized	N-AML	0.27	<5	6			49			<20	0.17	<10	<10	58	<10		
K-07-0115	E768976	149.02	151.04	QTZT	non-mineralized	N-AML	0.49	<5	6			48			<20	0.16	<10	<10	57	<10		
K-07-0115	E768977	151.04	153.02	QTZT	non-mineralized	N-AML	1.1	<5	8			112			<20	0.23	<10	<10	86	<10		
K-07-0115	E768979	153.02	155.03	QTZT	non-mineralized	N-AML	0.15	<5	1			21			<20	0.07	<10	<10	12	<10		
K-08-0159	E777535	23.92	25.48	SSCH	non-mineralized	N-AML	0.01	6	37			265			<20	0.96	<10	<10	354	<10		
K-07-0115	E768980	155.03	157.03	QTZT	non-mineralized	P-AML	0.36	<5	3			34			<20	0.12	<10	<10	32	<10		
K-07-0115	E768982	157.03	159.04	QTZT	non-mineralized	N-AML	0.35	6	4			91			<20	0.15	10	<10	41	<10		
K-07-0115	E768983	159.04	161.05	QTZT	non-mineralized	N-AML	0.68	<5	7			131			<20	0.22	<10	<10	78	<10		
K-07-0115	E768984	161.05	163.03	QTZT	non-mineralized	N-AML	0.81	8	10			164			<20	0.3	<10	<10	120	<10		
K-07-0115	E768985	163.03	165.02	QTZT	non-mineralized	N-AML	0.98	<5	12			180			<20	0.31	10	<10	141	<10		
K-07-0115	E768986	165.02	167.03	QTZT	non-mineralized	P-AML	0.52	<5	7			111			<20	0.26	10	<10	82	<10		
K-07-0115	E768987	167.03	169.04	QTZT	non-mineralized	P-AML	0.55	<5	5			79			<20	0.21	10	<10	57	<10		
K-07-0115	E768988	169.04	171.04	QTZT	non-mineralized	P-AML	0.35	<5	5			73			<20	0.17	<10	<10	48	<10		
K-07-0115	E768989	171.04	173.13	QTZT	non-mineralized	N-AML	0.55	<5	10			148			<20	0.3	10	<10	105	<10		
K-07-0115	E768990	173.13	175.05	QTZT	non-mineralized	N-AML	0.93	8	9			96			<20	0.22	10	<10	123	<10		
K-07-0115	E768991	175.05	177.08	QTZT	non-mineralized	P-AML	0.35	6	6			84			<20	0.23	10	<10	64	<10		
K-08-0159	E777528	12.19	13.9	QTZT	non-mineralized	N-AML	0.02	6	9			103			<20	0.32	<10	<10	107	<10		
K-08-0159	E777529	13.9	14.2	QTZT	non-mineralized	N-AML	0.02	<5	3			27			<20	0.11	<10	<10	33	<10		
K-08-0159	E777531	14.2	15.54	GSCH	non-mineralized	N-AML	0.01	5	6			67			<20	0.21	<10	<10	61	<10		
K-08-0159	E777532	15.54	18	QTZT	non-mineralized	N-AML	0.01	<5	1			23			<20	0.1	<10	<10	16	<10		
K-08-0159	E777533	18	21	QTZT	non-mineralized	N-AML	0.01	<5	1			15			<20	0.1	<10	<10	12	<10		
K-08-0159	E777534	21	23.92	QTZT	non-mineralized	N-AML	0.005	<5	2			14			<20	0.11	<10	<10	15	<10		
K-08-0159	E777536	25.48	26.36	QTZT	non-mineralized	N-AML	0.005	<5	2			14			<20	0.12	<10	<10	24	<10		
K-08-0159	E777537	26.36	26.82	GSCH	non-mineralized	N-AML	0.03	<5	13			120			<20	0.42	<10	<10	141	<10		
K-08-0159	E777538	26.82	29.36	QTZT	non-mineralized	N-AML	0.01	<5	2			25			<20	0.1	<10	<10	24	<10		
K-08-0159	E777539	29.36	29.58	QTZT	non-mineralized	N-AML	0.005	<5	1			7			<20	0.05	<10	<10	6	<10		
K-08-0159	E777540	29.58	32.54	QTZT	non-mineralized	N-AML	0.01	7	8			78			<20	0.28	<10	<10	88	<10		
K-08-0159	E777541	32.54	34.82	QTZT	non-mineralized	N-AML	0.03	<5	4			36			<20	0.13	<10	<10	31	<10		
K-08-0159	E777542	34.82	35.89	GSCH	non-mineralized	N-AML	0.01	10	12			83			<20	0.29	<10	<10	108	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0159	E777543	35.89	38	QTZT	non-mineralized	N-AML	0.01	<5	2			15			<20	0.09	<10	<10	14	<10		
K-08-0159	E777544	38	40.72	QTZT	non-mineralized	N-AML	0.01	<5	3			15			<20	0.1	<10	<10	17	<10		
K-08-0159	E777546	40.72	43	QTZT	non-mineralized	N-AML	0.02	<5	3			20			<20	0.09	<10	<10	16	<10		
K-08-0159	E777547	43	44.44	QTZT	non-mineralized	N-AML	0.01	<5	4			32			<20	0.15	<10	<10	33	<10		
K-08-0159	E777548	44.44	45.42	QTZT	non-mineralized	N-AML	0.01	<5	2			11			<20	0.08	10	<10	14	<10		
K-08-0159	E777549	45.42	48.46	QTZT	non-mineralized	N-AML	0.01	<5	4			20			<20	0.13	<10	<10	31	<10		
K-08-0159	E777550	48.46	50.67	QTZT	non-mineralized	N-AML	0.01	<5	3			19			<20	0.13	<10	<10	26	<10		
K-08-0159	E777551	50.67	51	GSCH	non-mineralized	N-AML	0.02	14	19			141			20	0.68	<10	<10	219	10		
K-08-0159	E777552	51	54	QTZT	non-mineralized	N-AML	0.01	<5	2			6			<20	0.06	<10	<10	8	<10		
K-08-0159	E777553	54	57	QTZT	non-mineralized	N-AML	0.01	<5	2			6			<20	0.05	<10	<10	6	<10		
K-08-0159	E777555	57	60	QTZT	non-mineralized	N-AML	0.05	<5	6			71			<20	0.18	10	<10	49	<10		
K-08-0159	E777556	60	63	QTZT	non-mineralized	N-AML	0.03	<5	4			41			<20	0.13	<10	<10	27	<10		
K-08-0159	E777557	63	66	QTZT	non-mineralized	N-AML	0.06	<5	5			63			<20	0.15	10	<10	41	<10		
K-08-0159	E777559	66	69	QTZT	non-mineralized	N-AML	0.05	<5	2			20			<20	0.07	<10	<10	13	<10		
K-08-0159	E777560	69	72	QTZT	non-mineralized	N-AML	0.04	<5	2			18			<20	0.05	<10	<10	6	<10		
K-08-0159	E777561	72	74	QTZT	non-mineralized	N-AML	0.1	<5	3			31			<20	0.09	<10	<10	18	<10		
K-08-0159	E777562	74	75.25	QTZT	non-mineralized	N-AML	0.22	<5	4			70			<20	0.1	<10	<10	30	<10		
K-08-0159	E777563	75.25	78	QTZT	non-mineralized	N-AML	0.08	<5	7			65			<20	0.2	<10	<10	56	<10		
K-08-0159	E777564	78	79.96	QTZT	non-mineralized	N-AML	0.05	<5	3			28			<20	0.1	<10	<10	22	<10		
K-08-0159	E777565	79.96	82	QTZT	non-mineralized	N-AML	0.16	<5	14			160			<20	0.32	10	<10	143	<10		
K-08-0159	E777566	82	83.4	QTZT	non-mineralized	N-AML	0.17	<5	14			183			<20	0.32	<10	<10	157	<10		
K-08-0159	E777568	83.4	85.06	QTZT	non-mineralized	N-AML	0.22	8	12			157			<20	0.28	<10	<10	110	<10		
K-08-0159	E777569	85.06	85.26	QTZT	non-mineralized	N-AML	0.07	<5	20			224			<20	0.36	<10	<10	189	<10		
K-08-0159	E777570	85.26	88	QTZT	non-mineralized	N-AML	0.05	<5	3			22			<20	0.09	<10	<10	18	<10		
K-08-0159	E777572	88	91	QTZT	non-mineralized	N-AML	0.05	<5	2			14			<20	0.08	<10	<10	11	<10		
K-08-0159	E777573	91	94	QTZT	non-mineralized	N-AML	0.005	<5	2			6			<20	0.06	<10	<10	5	<10		
K-08-0159	E777575	94	97	QTZT	non-mineralized	N-AML	0.04	<5	2			17			<20	0.08	<10	<10	10	<10		
K-08-0159	E777576	97	100	QTZT	non-mineralized	N-AML	0.06	<5	2			12			<20	0.07	<10	<10	6	<10		
K-08-0159	E777577	100	103	QTZT	non-mineralized	N-AML	0.08	<5	2			23			<20	0.06	<10	<10	5	<10		
K-08-0159	E777578	103	106	QTZT	non-mineralized	N-AML	0.15	<5	3			38			<20	0.09	<10	<10	18	<10		
K-08-0159	E777579	106	109	QTZT	non-mineralized	P-AML	0.34	<5	3			33			<20	0.11	<10	<10	26	<10		
K-08-0159	E777580	109	112	QTZT	non-mineralized	N-AML	0.23	6	4			38			<20	0.14	<10	<10	32	<10		
K-08-0159	E777581	112	115	QTZT	non-mineralized	N-AML	0.04	<5	2			10			<20	0.08	<10	<10	5	<10		
K-08-0159	E777582	115	116.77	QTZT	non-mineralized	N-AML	0.06	<5	2			11			<20	0.09	<10	<10	6	<10		
K-08-0159	E777584	116.77	119	QTZT	non-mineralized	N-AML	0.02	<5	2			6			<20	0.07	<10	<10	5	<10		
K-08-0159	E777586	119	122	QTZT	non-mineralized	N-AML	0.08	<5	2			7			<20	0.07	<10	<10	6	<10		
K-08-0159	E777588	122	124.8	QTZT	non-mineralized	N-AML	0.04	<5	2			25			<20	0.08	<10	<10	9	<10		
K-08-0159	E777589	124.8	127	QTZT	non-mineralized	N-AML	0.54	<5	3			64			<20	0.11	<10	<10	25	<10		
K-08-0159	E777590	127	130	QTZT	non-mineralized	P-AML	0.26	<5	3			18			<20	0.1	<10	<10	17	<10		
K-08-0159	E777591	130	133	QTZT	non-mineralized	N-AML	0.04	<5	2			11			<20	0.07	<10	<10	5	<10		
K-08-0159	E777592	133	136	QTZT	non-mineralized	N-AML	0.08	<5	2			8			<20	0.07	<10	<10	5	<10		
K-08-0159	E777593	136	139	QTZT	non-mineralized	N-AML	0.08	<5	2			22			<20	0.1	<10	<10	14	<10		
K-08-0159	E777594	139	142	QTZT	non-mineralized	N-AML	0.09	<5	2			10			<20	0.08	<10	<10	8	<10		
K-08-0159	E777595	142	145	QTZT	non-mineralized	N-AML	0.09	<5	2			8			<20	0.07	10	<10	7	<10		
K-08-0159	E777596	145	147	QTZT	non-mineralized	N-AML	0.05	<5	<1			8			<20	0.06	10	<10	4	<10		
K-08-0159	E777597	147	148.5	QTZT	non-mineralized	N-AML	0.2	<5	1			35			<20	0.04	<10	<10	10	<10		
K-08-0159	E777598	148.5	150	QTZT	non-mineralized	P-AML	0.91	5	12			124			<20	0.33	<10	<10	125	10		
K-08-0159	E777599	150	152.05	QTZT	non-mineralized	N-AML	0.78	<5	13			127			<20	0.34	<10	<10	126	<10		
K-08-0159	E777600	152.05	155	QTZT	non-mineralized	N-AML	0.22	<5	1			40			<20	0.07	<10	<10	16	<10		
K-08-0159	E777601	155	158	QTZT	non-mineralized	N-AML	0.43	<5	3			110			<20	0.14	<10	<10	38	<10		
K-08-0159	E777602	158	161	QTZT	non-mineralized	N-AML	0.39	<5	2			57			<20	0.1	<10	<10	23	<10		
K-08-0159	E777603	161	162.85	QTZT	non-mineralized	N-AML	0.28	<5	3			52			<20	0.12	<10	<10	31	<10		
K-08-0159	E777604	162.85	165.5	QTZT	non-mineralized	P-AML	0.92	<5	3			47			<20	0.13	<10	<10	37	<10		
K-08-0159	E777605	165.5	168.45	QTZT	non-mineralized	P-AML	0.25	<5	2			28			<20	0.13	<10	<10	29	<10		
K-08-0159	E777606	168.45	171	QTZT	non-mineralized	N-AML	1.06	<5	10			191			<20	0.3	<10	<10	128	<10		
K-08-0159	E777607	171	174	QTZT	non-mineralized	N-AML	0.81	<5	12			173			<20	0.35	<10	<10	139	<10		
K-08-0159	E777608	174	177	QTZT	non-mineralized	N-AML	0.65	<5	15			223			<20	0.42	<10	<10	160	10		
K-08-0159	E777609	177	180	QTZT	non-mineralized	P-AML	0.6	<5	8			121			<20	0.28	<10	<10	94	<10		
K-08-0159	E777610	180	181.04	QTZT	non-mineralized	P-AML	1.54	6	9			97			<20	0.23	<10	<10	150	<10		
K-08-0159	E777611	181.04	183	QTZT	non-mineralized	P-AML	0.41	<5	3			57			<20	0.12	<10	<10	51	<10		
K-08-0159	E777613	183	184.6	QTZT	mineralized	P-AML	0.17	<5	1			12			<20	0.06	<10	<10	8	<10		
K-08-0159	E777614	184.6	187.6	QTZT	non-mineralized	N-AML	0.53	6	8			108			<20	0.26	<10	<10	95	<10		
K-08-0159	E777616	187.6	189.95	QTZT	non-mineralized	P-AML	1.6	7	10			125			<20	0.34	<10	<10	104	<10		
K-08-0159	E777617	189.95	191.58	QTZT	non-mineralized	P-AML	1.09	<5	4			29			<20	0.16	<10	<10	42	10		
K-08-0159	E777618	191.58	194.5	QTZT	non-mineralized	N-AML	0.38	<5	2			25			<20	0.07	<10	<10	21	<10		
K-08-0159	E777620	194.5	196.19	QTZT	non-mineralized	P-AML	0.51	<5	2			12			<20	0.07	<10	<10	18	<10		
K-08-0159	E777621	196.19	198.5	QTZT	non-mineralized	P-AML	2.1	6	10			122			<20	0.31	<10	<10	119	<10		
K-08-0159	E777642	234.53	235.22	GNST	non-mineralized	N-AML	0.32	24	36			117			<20	1.07	10	<10	362	<10		
K-08-0159	E777622	198.5	201	QTZT	non-mineralized	P-AML	0.38	<5	1			25			<20	0.08	<10	<10	15	<10		
K-08-0159	E777623	201	203.26	QTZT	non-mineralized	P-AML	0.31	<5	1			28			<20	0.07	<10	<10	12	<10		
K-08-0159	E777624	203.26	204.55	QTZT	non-mineralized	P-AML	0.9	8	8			74			<20	0.25	<10	<10	80	<10		
K-08-0159	E777625	204.55	206.39	QTZT	non-mineralized	P-AML	1.27	13	8			78			<20	0.22	<10	<10	83	<10		
K-08-0159	E777626	206.39	209	QTZT	non-mineralized	N-AML	0.18	<5	1			13			<20	0.07	<10	<10	13	<10		
K-08-0159	E777628	209	210.38	QTZT	non-mineralized	P-AML	0.25	<5	2			20			<20	0.08	<10	<10	20	<10		
K-08-0159	E777629	210.38	211.89	QTZT	non-mineralized	P-AML	1.37	10	9			108			<20	0.28	<10	<10	100	<10		
K-08-0159	E777631	211.89	214	QTZT	non-mineralized	P-AML	0.3	<5	1			13			<20	0.08	<10	<10	15	<10		
K-08-0159	E777632	214	217	QTZT	non-mineralized	N-AML	0.1	<5	1			8			<20	0.06	<10	<10	8	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0159	E777634	217	220	QTZT	non-mineralized	N-AML	0.1	<5	1			9			<20	0.06	<10	<10	8	<10		
K-08-0159	E777635	220	222.45	QTZT	non-mineralized	N-AML	0.23	<5	2			22			<20	0.11	<10	<10	25	<10		
K-08-0159	E777636	222.45	225	QTZT	non-mineralized	P-AML	0.93	7	3			26			<20	0.12	<10	<10	40	<10		
K-08-0159	E777637	225	226	QTZT	non-mineralized	P-AML	1.02	7	3			27			<20	0.13	<10	<10	39	<10		
K-08-0159	E777638	226	227	QTZT	non-mineralized	P-AML	0.55	<5	3			26			<20	0.09	<10	<10	30	<10		
K-08-0159	E777639	227	230	QTZT	non-mineralized	P-AML	0.52	<5	3			26			<20	0.12	<10	<10	33	<10		
K-08-0159	E777640	230	232.47	QTZT	non-mineralized	P-AML	0.29	<5	1			8			<20	0.06	<10	<10	9	<10		
K-08-0159	E777641	232.47	234.53	QTZT	non-mineralized	P-AML	0.45	9	7			31			<20	0.24	<10	<10	79	<10		
K-08-0159	E777643	235.22	235.37	QTZT	non-mineralized	P-AML	0.51	9	7			34			<20	0.23	<10	<10	76	<10		
K-08-0159	E777644	235.37	238.12	QTZT	non-mineralized	N-AML	0.1	<5	1			20			<20	0.04	<10	<10	5	<10		
K-08-0159	E777645	238.12	238.47	QTZT	non-mineralized	N-AML	0.37	<5	4			57			<20	0.18	<10	<10	52	<10		
K-08-0159	E777647	238.47	241	QTZT	non-mineralized	N-AML	0.68	<5	2			37			<20	0.11	<10	<10	26	<10		
K-08-0159	E777648	241	244	QTZT	non-mineralized	N-AML	0.53	5	2			46			<20	0.1	<10	<10	35	<10		
K-08-0161	E777669	16.19	17.37	SSCH	mineralized	P-AML	0.02	<5	32			481			<20	0.83	<10	<10	295	<10		
K-08-0159	E777649	244	246.68	QTZT	non-mineralized	N-AML	0.21	<5	2			25			<20	0.08	<10	<10	21	<10		
K-08-0159	E777650	246.68	249.68	QTZT	non-mineralized	P-AML	0.64	6	9			111			<20	0.29	<10	<10	97	<10		
K-08-0159	E777651	249.68	252.68	QTZT	non-mineralized	P-AML	0.93	5	8			121			<20	0.26	<10	<10	95	<10		
K-08-0159	E777653	252.68	255.73	QTZT	non-mineralized	N-AML	0.21	<5	1			25			<20	0.04	<10	<10	5	<10		
K-08-0159	E777654	255.73	258.78	QTZT	non-mineralized	N-AML	0.44	<5	2			122			<20	0.08	<10	<10	20	<10		
K-08-0159	E777655	258.78	259.8	QTZT	non-mineralized	N-AML	1.31	10	5			129			<20	0.17	<10	<10	59	<10		
K-08-0159	E777657	259.8	260	GSCH	non-mineralized	N-AML	0.94	7	6			78			<20	0.2	<10	<10	64	<10		
K-08-0159	E777658	260	261.83	QTZT	non-mineralized	N-AML	0.47	6	8			85			<20	0.21	<10	<10	78	<10		
K-08-0159	E777659	261.83	262.9	QTZT	non-mineralized	N-AML	0.7	12	17			143			<20	0.34	<10	<10	160	<10		
K-08-0159	E777660	262.9	264.87	QTZT	non-mineralized	N-AML	0.28	<5	11			122			<20	0.29	<10	<10	108	<10		
K-08-0159	E777661	264.87	266.4	QTZT	non-mineralized	N-AML	1.15	9	12			194			<20	0.31	<10	<10	123	<10		
K-08-0161	E777662	6.1	8.8	QTZT	non-mineralized	N-AML	0.01	<5	1			9			<20	0.09	<10	<10	7	<10		
K-08-0161	E777663	8.8	11	QTZT	non-mineralized	N-AML	0.01	<5	2			8			<20	0.08	<10	<10	13	<10		
K-08-0161	E777664	11	13.31	QTZT	non-mineralized	N-AML	0.005	<5	2			9			<20	0.12	<10	<10	20	<10		
K-08-0161	E777665	13.31	14.72	QTZT	non-mineralized	N-AML	0.005	<5	1			8			<20	0.08	<10	<10	7	<10		
K-08-0161	E777666	14.72	14.97	QTZT	non-mineralized	N-AML	0.01	<5	1			10			<20	0.09	<10	<10	5	<10		
K-08-0161	E777667	14.97	16.19	GSCH	non-mineralized	N-AML	0.01	<5	13			106			<20	0.4	<10	<10	126	<10		
K-08-0161	E777670	17.37	20.42	QTZT	mineralized	P-AML	0.01	<5	1			11			<20	0.08	<10	<10	7	<10		
K-08-0161	E777671	20.42	22.94	QTZT	non-mineralized	N-AML	0.01	<5	4			49			<20	0.17	<10	<10	47	<10		
K-08-0161	E777673	22.94	25.54	QTZT	non-mineralized	N-AML	0.01	<5	2			38			<20	0.1	<10	<10	26	<10		
K-08-0161	E777674	25.54	26.56	GSCH	non-mineralized	N-AML	0.01	11	14			133			<20	0.4	<10	<10	148	<10		
K-08-0161	E777675	26.56	29	QTZT	non-mineralized	N-AML	0.005	<5	1			5			<20	0.07	<10	<10	7	<10		
K-08-0161	E777677	29	32	QTZT	non-mineralized	N-AML	0.005	<5	1			8			<20	0.09	<10	<10	5	<10		
K-08-0161	E777678	32	35	QTZT	non-mineralized	N-AML	0.01	<5	1			15			<20	0.11	<10	<10	14	<10		
K-08-0161	E777679	35	36.77	QTZT	non-mineralized	N-AML	0.01	<5	3			61			<20	0.15	<10	<10	38	<10		
K-08-0161	E777680	36.77	39.14	GSCH	non-mineralized	N-AML	0.02	<5	9			99			<20	0.32	<10	<10	94	<10		
K-08-0161	E777681	39.14	42	QTZT	non-mineralized	N-AML	0.02	<5	2			42			<20	0.12	<10	<10	24	<10		
K-08-0161	E777682	42	45	QTZT	non-mineralized	N-AML	0.03	<5	1			14			<20	0.09	<10	<10	11	<10		
K-08-0161	E777683	45	48	QTZT	mineralized	P-AML	0.05	<5	1			5			<20	0.07	<10	<10	5	<10		
K-08-0161	E777685	48	51	QTZT	non-mineralized	N-AML	0.02	<5	1			7			<20	0.08	<10	<10	7	<10		
K-08-0161	E777686	51	54.12	QTZT	non-mineralized	N-AML	0.005	<5	2			13			<20	0.1	<10	<10	18	<10		
K-08-0161	E777687	54.12	57	QTZT	mineralized	P-AML	0.005	<5	1			9			<20	0.09	<10	<10	13	<10		
K-08-0161	E777688	57	59	QTZT	non-mineralized	N-AML	0.01	<5	4			43			<20	0.17	<10	<10	41	<10		
K-08-0161	E777690	59	60.27	QTZT	non-mineralized	N-AML	0.05	<5	6			58			<20	0.23	<10	<10	76	<10		
K-08-0161	E777691	60.27	63	QTZT	non-mineralized	N-AML	0.02	<5	2			34			<20	0.1	<10	<10	19	<10		
K-08-0161	E777692	63	64.82	QTZT	mineralized	P-AML	0.02	<5	1			11			<20	0.05	<10	<10	7	<10		
K-08-0161	E777693	64.82	66	QTZT	non-mineralized	N-AML	0.05	<5	9			157			<20	0.32	<10	<10	114	<10		
K-08-0161	E777694	66	68.25	QTZT	non-mineralized	N-AML	0.01	<5	5			77			<20	0.19	<10	<10	52	<10		
K-08-0161	E777695	68.25	69.94	QTZT	non-mineralized	N-AML	0.01	<5	2			16			<20	0.08	<10	<10	15	<10		
K-08-0161	E777697	69.94	73	GSCH	non-mineralized	N-AML	0.01	5	14			178			<20	0.3	<10	<10	132	<10		
K-08-0161	E777698	73	76	GSCH	non-mineralized	N-AML	0.01	<5	17			259			20	0.4	<10	<10	178	<10		
K-08-0161	E777699	76	79.68	GSCH	non-mineralized	N-AML	0.04	<5	17			224			<20	0.34	<10	<10	166	<10		
K-08-0161	E777700	79.68	81.38	QTZT	non-mineralized	N-AML	0.14	<5	10			129			<20	0.27	<10	<10	101	<10		
K-08-0161	E777701	81.38	83.72	QTZT	non-mineralized	P-AML	0.46	<5	8			127			<20	0.22	<10	<10	81	10		
K-08-0161	E777702	83.72	86	QTZT	non-mineralized	N-AML	0.05	<5	1			18			<20	0.08	<10	<10	15	<10		
K-08-0161	E777703	86	89	QTZT	non-mineralized	N-AML	0.005	<5	1			7			<20	0.07	<10	<10	5	<10		
K-08-0161	E777705	89	92	QTZT	non-mineralized	N-AML	0.03	<5	1			10			<20	0.09	<10	<10	7	10		
K-08-0161	E777706	92	94.42	QTZT	non-mineralized	N-AML	0.04	<5	1			19			<20	0.08	<10	<10	8	<10		
K-08-0161	E777708	94.42	95.02	GSCH	non-mineralized	N-AML	0.12	8	10			137			<20	0.39	<10	<10	124	<10		
K-08-0161	E777709	95.02	98	QTZT	non-mineralized	N-AML	0.01	<5	1			10			<20	0.08	<10	<10	7	<10		
K-08-0161	E777710	98	101	QTZT	non-mineralized	N-AML	0.02	<5	1			24			<20	0.08	<10	<10	5	<10		
K-08-0161	E777711	101	102.77	QTZT	non-mineralized	N-AML	0.04	<5	1			38			<20	0.07	<10	<10	5	<10		
K-08-0161	E777712	102.77	103.61	QTZT	non-mineralized	P-AML	0.93	<5	7			98			<20	0.24	<10	<10	72	<10		
K-08-0161	E777713	103.61	105.43	QTZT	non-mineralized	N-AML	0.26	<5	3			48			<20	0.14	<10	<10	28	<10		
K-08-0161	E777715	105.43	108	QTZT	non-mineralized	N-AML	0.04	<5	1			9			<20	0.07	<10	<10	7	<10		
K-08-0161	E777716	108	111	QTZT	non-mineralized	N-AML	0.03	<5	1			10			<20	0.07	<10	<10	6	<10		
K-08-0161	E777717	111	113	QTZT	non-mineralized	N-AML	0.03	<5	1			7			<20	0.07	<10	<10	5	<10		
K-08-0161	E777738	151.41	151.8	GNST	non-mineralized	N-AML	0.25	<5	26			122			<20	1.01	<10	<10	308	<10		
K-08-0161	E777718	113	115.07	QTZT	non-mineralized	P-AML	0.31	<5	4			58			<20	0.14	<10	<10	46	<10		
K-08-0161	E777719	115.07	115.96	GSCH	non-mineralized	P-AML	1.54	<5	18			353			20	0.55	<10	<10	218	<10		
K-08-0161	E777720	115.96	117.37	QTZT	non-mineralized	P-AML	0.86	5	7			135			<20	0.17	<10	<10	60	<10		
K-08-0161	E777721	117.37	118.56	GSCH	non-mineralized	P-AML	0.89	6	17			285			20	0.46	<10	<10	177	<10		
K-08-0161	E777722	118.56	121	QTZT	non-mineralized	P-AML	0.5	<5	1			26			<20	0.08	<10	<10	13	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0161	E777723	121	124	QTZT	non-mineralized	N-AML	0.17	<5	2			40			<20	0.12	<10	<10	20	<10		
K-08-0161	E777725	124	127	QTZT	non-mineralized	N-AML	0.09	<5	1			18			<20	0.1	<10	<10	14	<10		
K-08-0161	E777726	127	130	QTZT	non-mineralized	N-AML	0.05	<5	1			10			<20	0.08	<10	<10	6	<10		
K-08-0161	E777727	130	133	QTZT	non-mineralized	N-AML	0.03	<5	1			7			<20	0.08	<10	<10	6	<10		
K-08-0161	E777729	133	136.25	QTZT	non-mineralized	N-AML	0.12	<5	2			29			<20	0.11	<10	<10	27	<10		
K-08-0161	E777730	136.25	138	GSCH	non-mineralized	P-AML	0.62	<5	9			145			<20	0.26	<10	<10	87	<10		
K-08-0161	E777731	138	140.23	GSCH	non-mineralized	N-AML	0.57	<5	13			166			<20	0.37	<10	<10	131	<10		
K-08-0161	E777732	140.23	143	QTZT	non-mineralized	N-AML	0.22	<5	2			20			<20	0.08	<10	<10	17	<10		
K-08-0161	E777734	143	146	QTZT	non-mineralized	N-AML	0.13	<5	2			14			<20	0.1	<10	<10	19	<10		
K-08-0161	E777735	146	148	QTZT	non-mineralized	N-AML	0.84	<5	3			95			<20	0.13	<10	<10	39	<10		
K-08-0161	E777736	148	150.59	QTZT	non-mineralized	N-AML	0.69	<5	5			74			<20	0.21	<10	<10	55	<10		
K-08-0161	E777737	150.59	151.41	GSCH	non-mineralized	N-AML	0.69	<5	15			104			<20	0.46	<10	<10	169	<10		
K-08-0161	E777739	151.8	154	QTZT	non-mineralized	P-AML	0.29	<5	1			33			<20	0.09	<10	<10	15	<10		
K-08-0161	E777740	154	156.18	QTZT	non-mineralized	N-AML	0.18	<5	1			12			<20	0.06	<10	<10	5	<10		
K-08-0161	E777741	156.18	159	GSCH	non-mineralized	P-AML	0.58	<5	8			143			<20	0.29	<10	<10	94	<10		
K-08-0161	E777742	159	162	GSCH	non-mineralized	N-AML	0.94	<5	12			155			<20	0.37	<10	<10	148	<10		
K-08-0161	E777744	162	165	GSCH	non-mineralized	P-AML	0.71	<5	11			157			<20	0.35	<10	<10	129	<10		
K-08-0161	E777745	165	167.27	GSCH	non-mineralized	P-AML	0.82	<5	7			102			<20	0.22	<10	<10	103	<10		
K-08-0161	E777746	167.27	170.1	GSCH	non-mineralized	P-AML	0.68	<5	4			64			<20	0.15	<10	<10	67	<10		
K-08-0161	E777747	170.1	170.74	GSCH	non-mineralized	N-AML	0.53	<5	5			83			<20	0.18	<10	<10	58	<10		
K-08-0161	E777748	170.74	173	GSCH	non-mineralized	N-AML	0.79	<5	4			53			<20	0.14	<10	<10	63	<10		
K-08-0161	E777749	173	176	GSCH	non-mineralized	P-AML	0.5	<5	9			128			<20	0.3	<10	<10	101	<10		
K-08-0161	E777750	176	179	GSCH	non-mineralized	P-AML	0.55	<5	7			94			<20	0.24	<10	<10	76	<10		
K-08-0161	E777751	179	182	GSCH	non-mineralized	P-AML	0.88	<5	13			149			<20	0.36	<10	<10	163	<10		
K-08-0161	E777753	182	185	GSCH	non-mineralized	N-AML	1.02	<5	9			129			<20	0.3	<10	<10	116	<10		
K-08-0161	E777754	185	188	GSCH	non-mineralized	N-AML	0.46	<5	10			166			<20	0.35	<10	<10	115	<10		
K-08-0161	E777755	188	191	GSCH	non-mineralized	N-AML	0.4	<5	7			90			<20	0.25	<10	<10	80	<10		
K-08-0161	E777776	228.24	228.67	CQTZT	non-mineralized	N-AML	0.42	<5	2			157			<20	0.06	<10	<10	15	<10		
K-08-0161	E777757	191	194	GSCH	non-mineralized	N-AML	1.13	<5	7			103			<20	0.25	<10	<10	82	<10		
K-08-0161	E777758	194	196.39	GSCH	non-mineralized	P-AML	0.75	<5	6			68			<20	0.24	<10	<10	72	<10		
K-08-0161	E777759	196.39	198	QTZT	non-mineralized	N-AML	0.11	<5	1			26			<20	0.05	<10	<10	7	<10		
K-08-0161	E777760	198	200	QTZT	mineralized	P-AML	0.17	<5	1			82			<20	0.05	<10	<10	9	<10		
K-08-0161	E777761	200	202.69	QTZT	non-mineralized	N-AML	0.11	<5	1			37			<20	0.04	<10	<10	6	<10		
K-08-0161	E777762	202.69	205	QTZT	non-mineralized	N-AML	0.17	<5	1			22			<20	0.07	<10	<10	12	<10		
K-08-0161	E777763	205	208	QTZT	non-mineralized	N-AML	0.31	<5	2			98			<20	0.09	<10	<10	28	<10		
K-08-0161	E777764	208	211	QTZT	non-mineralized	N-AML	0.16	<5	1			9			<20	0.05	<10	<10	4	<10		
K-08-0161	E777765	211	213	QTZT	non-mineralized	N-AML	0.11	<5	1			10			<20	0.04	<10	<10	4	<10		
K-08-0161	E777767	213	215.03	QTZT	non-mineralized	P-AML	0.69	<5	3			57			<20	0.14	<10	<10	32	<10		
K-08-0161	E777768	215.03	218	GSCH	non-mineralized	P-AML	1.62	7	9			127			<20	0.3	<10	<10	105	<10		
K-08-0161	E777769	218	220	GSCH	non-mineralized	P-AML	1.84	5	12			148			<20	0.32	<10	<10	134	<10		
K-08-0161	E777793	242.52	244	CQTZT	non-mineralized	N-AML	0.07	<5	1			58			<20	0.03	<10	10	7	<10		
K-08-0161	E777794	244	245.97	CQTZT	non-mineralized	N-AML	0.06	<5	1			33			<20	0.04	<10	<10	5	<10		
K-08-0161	E777771	220	222.3	GSCH	non-mineralized	P-AML	2.13	6	11			193			<20	0.28	<10	<10	103	<10		
K-08-0161	E777772	222.3	225	QTZT	non-mineralized	N-AML	0.21	<5	1			6			<20	0.06	<10	<10	7	<10		
K-08-0161	E777797	251.27	253.76	GNST	non-mineralized	N-AML	0.03	8	35			342			<20	1.03	<10	10	351	<10		
K-08-0161	E777798	253.76	257.38	SSCH	non-mineralized	N-AML	0.04	6	30			149			<20	0.88	<10	<10	307	<10		
K-08-0161	E777799	257.38	259.05	GNST	non-mineralized	N-AML	0.04	7	33			249			<20	0.96	<10	<10	331	10		
K-08-0161	E777800	259.05	261	CQTZT	non-mineralized	N-AML	0.14	<5	4			68			<20	0.11	<10	<10	40	<10		
K-08-0161	E777801	261	262.25	CQTZT	non-mineralized	N-AML	0.1	<5	16			50			<20	0.4	<10	<10	164	<10		
K-08-0161	E777802	262.25	265	CQTZT	non-mineralized	N-AML	0.51	<5	5			54			<20	0.2	<10	<10	64	<10		
K-08-0161	E777803	265	268	CQTZT	non-mineralized	N-AML	0.59	<5	2			25			<20	0.07	<10	<10	20	<10		
K-08-0161	E777804	268	270.34	CQTZT	non-mineralized	N-AML	0.79	6	5			48			<20	0.16	<10	<10	80	<10		
K-08-0161	E777773	225	226.24	QTZT	non-mineralized	N-AML	0.08	<5	1			6			<20	0.07	<10	<10	5	<10		
K-08-0161	E777774	226.24	227.24	QTZT	non-mineralized	N-AML	0.11	<5	1			4			<20	0.06	<10	<10	5	<10		
K-08-0161	E777775	227.24	228.24	QTZT	non-mineralized	N-AML	0.12	<5	1			7			<20	0.07	<10	<10	6	<10		
K-08-0161	E777777	228.67	229.48	QTZT	non-mineralized	P-AML	0.46	28	1			13			<20	0.07	<10	<10	13	<10		
K-08-0161	E777778	229.48	229.75	QTZT	mineralized	P-AML	1.26	592	1			4			<20	0.04	<10	<10	7	<10		
K-08-0161	E777780	229.75	230.1	QTZT	mineralized	P-AML	6.09	4640	1			2			<20	0.01	<10	<10	2	<10		
K-08-0161	E777781	230.1	231.29	QTZT	non-mineralized	N-AML	0.19	51	1			<1			<20	0.06	<10	<10	6	<10		
K-08-0161	E777783	231.29	231.63	QTZT	mineralized	P-AML	4.03	1330	1			<1			<20	0.03	<10	<10	9	<10		
K-08-0161	E777785	231.63	231.93	QTZT	mineralized	P-AML	0.4	431	1			<1			<20	0.02	<10	<10	7	10		
K-08-0161	E777786	231.93	232.93	QTZT	non-mineralized	P-AML	0.34	<5	1			<1			<20	0.06	<10	10	8	<10		
K-08-0161	E777788	232.93	233.93	QTZT	non-mineralized	N-AML	0.19	7	1			1			<20	0.08	<10	<10	12	<10		
K-08-0161	E777789	233.93	236.48	QTZT	non-mineralized	N-AML	0.18	<5	1			8			<20	0.08	<10	<10	16	<10		
K-08-0161	E777790	236.48	238	GSCH	non-mineralized	P-AML	0.34	<5	4			46			<20	0.19	<10	<10	46	<10		
K-08-0161	E777791	238	240.09	GSCH	non-mineralized	N-AML	0.62	<5	6			94			<20	0.24	<10	<10	72	<10		
K-08-0161	E777792	240.09	242.52	QTZT	non-mineralized	N-AML	0.09	<5	1			9			<20	0.06	<10	10	9	<10		
K-08-0161	E777795	245.97	249	QTZT	non-mineralized	P-AML	0.41	<5	3			23			<20	0.13	<10	<10	32	<10		
K-08-0161	E777796	249	251.27	QTZT	non-mineralized	N-AML	0.23	7	1			7			<20	0.07	<10	<10	11	<10		
K-08-0166	E754617	5.57	7.5	QTZT	non-mineralized	N-AML	0.005	<5	1			6			<20	0.09	<10	<10	6	<10		
K-08-0166	E754619	7.5	10.5	QTZT	non-mineralized	N-AML	0.01	<5	4			12			<20	0.18	<10	<10	39	<10		
K-08-0166	E754620	10.5	13.5	QTZT	non-mineralized	N-AML	0.01	<5	1			11			<20	0.1	<10	<10	14	<10		
K-08-0166	E754621	13.5	16.13	QTZT	non-mineralized	N-AML	0.01	<5	1			11			<20	0.09	<10	<10	6	<10		
K-08-0166	E754622	16.13	20.73	QTZT	non-mineralized	N-AML	0.01	<5	4			33			<20	0.16	<10	<10	40	<10		
K-08-0166	E754623	20.73	23.55	QTZT	non-mineralized	N-AML	0.01	<5	4			45			<20	0.18	<10	<10	46	<10		
K-08-0166	E754624	23.55	25.86	QTZT	non-mineralized	N-AML	0.005	<5	1			11			<20	0.06	<10	<10	10	<10		
K-08-0166	E754625	25.86	26.36	GSCH	non-mineralized	N-AML	0.01	<5	13			141			<20	0.41	<10	<10	139	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0166	E754626	26.36	29.38	QTZT	non-mineralized	N-AML	0.01	<5	1			10			<20	0.08	<10	<10	6	<10		
K-08-0166	E754628	29.38	32.38	QTZT	non-mineralized	N-AML	0.03	<5	1			8			<20	0.1	<10	<10	5	<10		
K-08-0166	E754629	32.38	35.38	QTZT	non-mineralized	N-AML	0.01	<5	3			41			<20	0.14	<10	<10	36	<10		
K-08-0166	E754630	35.38	36.68	QTZT	non-mineralized	N-AML	0.01	<5	2			34			<20	0.09	<10	<10	14	<10		
K-08-0166	E754631	36.68	38.88	GSCH	non-mineralized	N-AML	0.02	<5	9			85			<20	0.34	<10	<10	96	<10		
K-08-0166	E754632	38.88	41.27	QTZT	non-mineralized	N-AML	0.01	<5	1			36			<20	0.08	<10	<10	13	<10		
K-08-0166	E754633	41.27	44.27	QTZT	non-mineralized	N-AML	0.04	<5	2			17			<20	0.08	<10	<10	16	<10		
K-08-0166	E754634	44.27	47.27	QTZT	non-mineralized	N-AML	0.05	<5	1			8			<20	0.08	<10	<10	8	<10		
K-08-0166	E754636	47.27	50.16	QTZT	non-mineralized	N-AML	0.04	<5	1			8			<20	0.07	<10	<10	4	<10		
K-08-0166	E754637	50.16	52.45	QTZT	non-mineralized	N-AML	0.01	<5	1			6			<20	0.06	<10	<10	7	<10		
K-08-0166	E754638	52.45	53.67	QTZT	non-mineralized	N-AML	0.03	<5	6			52			<20	0.19	<10	<10	69	<10		
K-08-0166	E754639	53.67	54.25	QTZT	non-mineralized	N-AML	0.01	<5	1			12			<20	0.05	<10	<10	9	<10		
K-08-0166	E754641	54.25	57.3	QTZT	non-mineralized	N-AML	0.01	<5	4			59			<20	0.17	<10	<10	39	<10		
K-08-0166	E754642	57.3	60.35	QTZT	non-mineralized	N-AML	0.01	<5	4			60			<20	0.17	<10	<10	45	<10		
K-08-0166	E754643	60.35	63.35	QTZT	non-mineralized	N-AML	0.01	<5	2			17			<20	0.12	<10	<10	22	<10		
K-08-0166	E754644	63.35	65.39	QTZT	non-mineralized	N-AML	0.01	<5	1			10			<20	0.05	<10	<10	6	<10		
K-08-0166	E754645	65.39	68.05	QTZT	non-mineralized	N-AML	0.05	<5	6			76			<20	0.2	<10	<10	64	<10		
K-08-0166	E754646	68.05	71	GSCH	non-mineralized	N-AML	0.01	<5	13			169			<20	0.34	<10	<10	128	<10		
K-08-0166	E754647	71	74	GSCH	non-mineralized	N-AML	0.13	<5	17			223			20	0.46	<10	<10	181	<10		
K-08-0166	E754649	74	76.73	GSCH	non-mineralized	P-AML	0.27	5	18			215			20	0.42	<10	<10	184	<10		
K-08-0166	E754650	76.73	79.71	QTZT	non-mineralized	N-AML	0.14	<5	2			39			<20	0.09	<10	<10	17	<10		
K-08-0166	E754651	79.71	81.31	GSCH	non-mineralized	N-AML	0.15	5	16			232			<20	0.46	<10	<10	182	<10		
K-08-0166	E754652	81.31	84.3	QTZT	non-mineralized	N-AML	0.11	<5	4			53			<20	0.15	<10	<10	54	<10		
K-08-0166	E754654	84.3	87.3	QTZT	non-mineralized	N-AML	0.02	<5	1			7			<20	0.08	<10	<10	5	<10		
K-08-0166	E754655	87.3	88.92	QTZT	non-mineralized	N-AML	0.01	<5	<1			6			<20	0.08	<10	<10	4	<10		
K-08-0166	E754656	88.92	90.56	QTZT	mineralized	P-AML	0.01	<5	1			7			<20	0.09	<10	<10	5	<10		
K-08-0166	E754657	90.56	93.6	QTZT	mineralized	P-AML	0.01	<5	1			9			<20	0.09	<10	<10	8	<10		
K-08-0166	E754659	93.6	95.48	QTZT	non-mineralized	N-AML	0.06	6	4			63			<20	0.18	<10	<10	51	<10		
K-08-0166	E754660	95.48	97.44	QTZT	mineralized	P-AML	0.02	<5	<1			13			<20	0.07	<10	<10	4	<10		
K-08-0166	E754661	97.44	98.15	QTZT	non-mineralized	N-AML	0.07	5	1			185			<20	0.07	<10	<10	2	<10		
K-08-0166	E754662	98.15	100.07	QTZT	non-mineralized	N-AML	0.02	<5	1			11			<20	0.07	<10	<10	6	<10		
K-08-0166	E754663	100.07	100.72	GSCH	non-mineralized	P-AML	0.91	8	10			135			<20	0.33	<10	<10	113	<10		
K-08-0166	E754664	100.72	103.74	QTZT	non-mineralized	N-AML	0.04	<5	1			10			<20	0.07	<10	<10	6	<10		
K-08-0166	E754666	103.74	106.74	QTZT	non-mineralized	N-AML	0.02	<5	1			7			<20	0.07	<10	<10	5	<10		
K-08-0166	E754667	106.74	109.74	QTZT	non-mineralized	N-AML	0.03	<5	1			7			<20	0.07	<10	<10	5	<10		
K-08-0166	E754668	109.74	112.74	QTZT	non-mineralized	N-AML	0.11	<5	1			15			<20	0.06	<10	<10	8	<10		
K-08-0166	E754669	112.74	115.04	GSCH	non-mineralized	N-AML	0.65	<5	11			173			<20	0.27	<10	<10	98	<10		
K-08-0166	E754671	115.04	116.12	QTZT	non-mineralized	N-AML	0.19	<5	2			47			<20	0.08	<10	<10	18	<10		
K-08-0166	E754672	116.12	118.16	GSCH	non-mineralized	N-AML	0.55	<5	14			164			<20	0.32	<10	<10	125	<10		
K-08-0166	E754673	118.16	121.1	GSCH	non-mineralized	P-AML	0.38	5	11			128			<20	0.29	<10	<10	123	<10		
K-08-0166	E754675	121.1	124	QTZT	non-mineralized	N-AML	0.07	<5	1			7			<20	0.07	<10	<10	5	<10		
K-08-0166	E754676	124	127	QTZT	non-mineralized	N-AML	0.03	<5	<1			20			<20	0.07	<10	<10	5	<10		
K-08-0166	E754697	174.58	175.72	CQTZT	non-mineralized	N-AML	0.26	<5	1			100			<20	0.05	<10	<10	13	<10		
K-08-0166	E754677	127	130	QTZT	non-mineralized	N-AML	0.1	<5	1			9			<20	0.09	<10	<10	8	<10		
K-08-0166	E754678	130	133	QTZT	non-mineralized	N-AML	0.13	<5	1			10			<20	0.06	<10	<10	7	<10		
K-08-0166	E754679	133	136	QTZT	non-mineralized	P-AML	0.27	<5	3			43			<20	0.11	<10	<10	28	<10		
K-08-0166	E754680	136	139	QTZT	non-mineralized	N-AML	0.1	<5	1			16			<20	0.07	<10	<10	11	<10		
K-08-0166	E754681	139	142	QTZT	non-mineralized	N-AML	0.16	<5	1			27			<20	0.06	<10	<10	12	<10		
K-08-0166	E754682	142	145	QTZT	non-mineralized	N-AML	0.36	5	1			56			<20	0.04	<10	10	10	<10		
K-08-0166	E754683	145	148	QTZT	non-mineralized	N-AML	0.11	<5	1			16			<20	0.05	<10	<10	7	<10		
K-08-0166	E754684	148	151	GSCH	non-mineralized	N-AML	0.5	<5	8			99			<20	0.27	<10	<10	92	<10		
K-08-0166	E754686	151	152.5	GSCH	non-mineralized	N-AML	1.05	6	8			98			<20	0.21	<10	<10	126	<10		
K-08-0166	E754687	152.5	155.5	QTZT	non-mineralized	P-AML	0.61	<5	4			65			<20	0.15	<10	<10	55	<10		
K-08-0166	E754688	155.5	158.5	QTZT	non-mineralized	N-AML	0.75	<5	5			75			<20	0.17	<10	<10	69	<10		
K-08-0166	E754689	158.5	161.5	QTZT	non-mineralized	N-AML	0.38	<5	3			36			<20	0.11	<10	<10	30	<10		
K-08-0166	E754690	161.5	164.5	QTZT	non-mineralized	N-AML	0.51	<5	2			86			<20	0.09	<10	<10	23	<10		
K-08-0166	E754691	164.5	167.5	QTZT	non-mineralized	N-AML	0.78	7	11			171			<20	0.33	<10	<10	123	<10		
K-08-0166	E754693	167.5	169.13	GSCH	non-mineralized	N-AML	1.38	8	12			145			<20	0.31	<10	<10	151	<10		
K-08-0166	E754694	169.13	172.13	QTZT	non-mineralized	N-AML	0.19	<5	1			20			<20	0.06	<10	<10	10	<10		
K-08-0166	E754695	172.13	174.58	QTZT	non-mineralized	N-AML	0.23	5	2			58			<20	0.09	<10	<10	20	<10		
K-08-0166	E754698	175.72	176.7	GSCH	non-mineralized	P-AML	0.37	7	13			203			<20	0.39	<10	<10	146	<10		
K-08-0166	E754699	176.7	179.7	QTZT	non-mineralized	N-AML	0.19	<5	3			54			<20	0.12	<10	<10	32	<10		
K-08-0166	E754700	179.7	181.7	QTZT	non-mineralized	P-AML	0.25	<5	3			66			<20	0.13	<10	<10	37	<10		
K-08-0166	E754701	181.7	184.7	QTZT	non-mineralized	N-AML	0.8	6	10			151			<20	0.32	<10	<10	115	<10		
K-08-0166	E754702	184.7	187.7	QTZT	non-mineralized	N-AML	0.77	<5	4			93			<20	0.15	<10	<10	46	<10		
K-08-0166	E754704	187.7	190.73	QTZT	non-mineralized	N-AML	0.18	<5	1			21			<20	0.08	<10	<10	17	<10		
K-08-0166	E754705	190.73	193.7	QTZT	non-mineralized	N-AML	0.12	<5	1			36			<20	0.04	<10	<10	6	<10		
K-08-0166	E754706	193.7	196.7	QTZT	non-mineralized	N-AML	0.13	<5	1			54			<20	0.04	<10	<10	7	<10		
K-08-0166	E754707	196.7	199.7	QTZT	non-mineralized	P-AML	0.25	<5	1			20			<20	0.07	<10	<10	14	<10		
K-08-0166	E754708	199.7	202.7	QTZT	non-mineralized	N-AML	0.17	<5	1			29			<20	0.07	<10	<10	13	<10		
K-08-0166	E754709	202.7	203.98	QTZT	non-mineralized	N-AML	0.6	<5	3			73			<20	0.11	<10	<10	27	<10		
K-08-0166	E754711	203.98	206.98	GSCH	non-mineralized	P-AML	1.81	<5	8			118			<20	0.28	<10	<10	101	<10		
K-08-0166	E754712	206.98	209.44	QTZT	non-mineralized	P-AML	0.34	<5	2			18			<20	0.08	<10	<10	18	<10		
K-08-0166	E754713	209.44	209.7	QTZT	non-mineralized	P-AML	0.31	10	1			5			<20	0.06	<10	<10	6	<10		
K-08-0166	E754714	209.7	212.7	QTZT	non-mineralized	N-AML	0.1	<5	1			8			<20	0.07	<10	<10	5	<10		
K-08-0166	E754715	212.7	215.7	QTZT	non-mineralized	N-AML	0.11	<5	1			7			<20	0.07	<10	<10	5	<10		
K-08-0166	E754716	215.7	218	QTZT	non-mineralized	N-AML	0.1	<5	1			7			<20	0.07	<10	<10	8	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0166	E754717	218	220.22	QTZT	non-mineralized	N-AML	0.33	<5	2			26			<20	0.09	<10	<10	19	<10		
K-08-0166	E754719	220.22	223	QTZT	non-mineralized	P-AML	0.81	9	7			102			<20	0.27	<10	<10	90	<10		
K-08-0166	E754720	223	225	QTZT	non-mineralized	P-AML	0.79	5	5			69			<20	0.21	<10	<10	67	<10		
K-08-0166	E754721	225	227	QTZT	non-mineralized	P-AML	0.32	<5	2			23			<20	0.11	<10	<10	33	<10		
K-08-0166	E754722	227	228.48	QTZT	non-mineralized	P-AML	0.59	6	2			23			<20	0.1	<10	<10	38	<10		
K-08-0166	E754723	228.48	230.1	QTZT	non-mineralized	N-AML	1.31	5	4			102			<20	0.1	<10	<10	59	<10		
K-08-0166	E754724	230.1	231.4	QTZT	non-mineralized	P-AML	0.95	<5	2			12			<20	0.07	<10	<10	18	<10		
K-08-0166	E754725	231.4	233.55	QTZT	non-mineralized	P-AML	0.7	<5	4			32			<20	0.14	<10	<10	43	<10		
K-08-0166	E754726	233.55	234.81	QTZT	non-mineralized	N-AML	0.19	10	1			7			<20	0.06	<10	<10	6	<10		
K-08-0166	E754727	234.81	236.12	QTZT	mineralized	P-AML	0.34	94	<1			8			<20	0.03	<10	<10	3	<10		
K-08-0166	E754729	236.12	236.55	QTZT	mineralized	P-AML	4.86	864	<1			9			<20	0.03	<10	<10	5	60		
K-08-0166	E754730	236.55	237.52	QTZT	mineralized	P-AML	0.31	547	3			10			<20	0.02	10	10	10	<10		
K-08-0166	E754732	237.52	238.45	QTZT	non-mineralized	N-AML	0.03	8	1			5			<20	0.04	<10	<10	6	<10		
K-08-0166	E754733	238.45	240.1	QTZT	non-mineralized	N-AML	0.95	<5	6			70			<20	0.22	<10	<10	73	<10		
K-08-0166	E754734	240.1	242	QTZT	non-mineralized	N-AML	0.98	<5	7			73			<20	0.21	<10	<10	75	<10		
K-08-0166	E754735	242	242.84	QTZT	non-mineralized	N-AML	0.27	<5	1			23			<20	0.05	<10	<10	15	<10		
K-08-0166	E754736	242.84	244	QTZT	non-mineralized	P-AML	0.71	<5	6			56			<20	0.18	<10	<10	80	<10		
K-08-0166	E754737	244	246.5	QTZT	non-mineralized	P-AML	0.73	<5	3			44			<20	0.12	<10	<10	29	<10		
K-08-0166	E754739	246.5	249	QTZT	non-mineralized	P-AML	0.97	6	6			74			<20	0.2	<10	<10	62	<10		
K-08-0166	E754740	249	250.85	QTZT	non-mineralized	P-AML	0.4	5	4			52			<20	0.16	<10	<10	41	<10		
K-08-0167	E770776	4.57	6.82	QTZT	non-mineralized	N-AML	0.01	<5	1			22			<20	0.07	<10	<10	8	<10		
K-08-0167	E770777	6.82	8.23	QTZT	non-mineralized	N-AML	0.01	<5	1			15			<20	0.07	<10	<10	8	<10		
K-08-0167	E770778	8.23	11.28	QTZT	non-mineralized	N-AML	0.01	<5	2			37			<20	0.11	10	<10	21	70		
K-08-0167	E770779	11.28	14.33	QTZT	non-mineralized	N-AML	0.01	<5	2			34			<20	0.09	<10	<10	26	<10		
K-08-0167	E770780	14.33	17.37	QTZT	non-mineralized	N-AML	0.01	<5	7			59			<20	0.15	<10	<10	79	<10		
K-08-0167	E770781	17.37	20.42	QTZT	non-mineralized	N-AML	0.01	<5	5			76			<20	0.18	10	<10	60	<10		
K-08-0167	E770782	20.42	23.47	QTZT	non-mineralized	N-AML	0.005	<5	2			34			<20	0.09	<10	<10	17	<10		
K-08-0167	E770783	23.47	25.81	GSCH	non-mineralized	N-AML	0.01	<5	10			111			<20	0.3	<10	<10	100	<10		
K-08-0167	E770784	25.81	27.7	GSCH	non-mineralized	N-AML	0.01	<5	10			113			<20	0.29	<10	<10	104	<10		
K-08-0167	E770785	27.7	29.57	QTZT	non-mineralized	N-AML	0.01	<5	1			9			<20	0.07	<10	<10	8	<10		
K-08-0167	E770786	29.57	32.61	QTZT	non-mineralized	N-AML	0.03	<5	4			45			<20	0.15	<10	<10	46	<10		
K-08-0167	E770787	32.61	35.66	QTZT	non-mineralized	N-AML	0.01	<5	4			34			<20	0.15	<10	<10	40	<10		
K-08-0167	E770788	35.66	38.71	QTZT	non-mineralized	N-AML	0.02	6	3			42			<20	0.12	<10	<10	37	<10		
K-08-0167	E770789	38.71	41.76	QTZT	non-mineralized	N-AML	0.03	<5	8			108			<20	0.29	<10	<10	90	<10		
K-08-0167	E770790	41.76	44.81	QTZT	non-mineralized	N-AML	0.02	<5	5			42			<20	0.17	<10	<10	51	<10		
K-08-0167	E770792	44.81	47.85	QTZT	non-mineralized	N-AML	0.02	6	6			61			<20	0.2	<10	<10	64	<10		
K-08-0167	E770794	47.85	50.9	QTZT	non-mineralized	N-AML	0.01	6	7			60			<20	0.24	<10	<10	70	10		
K-08-0167	E770795	50.9	54	QTZT	non-mineralized	N-AML	0.01	<5	1			9			<20	0.09	<10	<10	9	<10		
K-08-0167	E770797	54	57.1	QTZT	non-mineralized	N-AML	0.005	<5	4			45			<20	0.16	<10	<10	43	<10		
K-08-0167	E770798	57.1	60.05	QTZT	non-mineralized	N-AML	0.01	<5	1			5			<20	0.05	<10	<10	5	<10		
K-08-0167	E770799	60.05	63.1	QTZT	non-mineralized	N-AML	0.03	7	1			20			<20	0.08	<10	<10	13	<10		
K-08-0167	E770800	63.1	66.14	QTZT	mineralized	P-AML	0.01	<5	1			10			<20	0.08	<10	<10	7	<10		
K-08-0167	E770801	66.14	68.27	QTZT	non-mineralized	N-AML	0.03	5	1			19			<20	0.09	<10	<10	14	<10		
K-08-0167	E770802	68.27	70.51	QTZT	non-mineralized	N-AML	0.04	<5	1			30			<20	0.1	<10	<10	14	<10		
K-08-0167	E770803	70.51	73.5	GSCH	non-mineralized	N-AML	0.07	<5	13			106			<20	0.37	<10	<10	140	<10		
K-08-0167	E770804	73.5	76.49	GSCH	non-mineralized	N-AML	0.06	<5	8			100			<20	0.26	<10	<10	86	<10		
K-08-0167	E770805	76.49	79	GSCH	non-mineralized	N-AML	0.09	<5	6			77			<20	0.19	<10	<10	64	<10		
K-08-0167	E770807	79	81.98	GSCH	non-mineralized	N-AML	0.05	6	3			42			<20	0.12	<10	<10	33	<10		
K-08-0167	E770808	81.98	84.73	GSCH	non-mineralized	N-AML	0.07	8	7			69			<20	0.23	<10	<10	75	<10		
K-08-0167	E770809	84.73	87.75	QTZT	non-mineralized	N-AML	0.02	<5	1			20			<20	0.09	<10	<10	13	<10		
K-08-0167	E770810	87.75	90.28	QTZT	non-mineralized	N-AML	0.01	<5	1			7			<20	0.08	<10	<10	5	<10		
K-08-0167	E770812	90.28	93.3	QTZT	non-mineralized	N-AML	0.04	<5	4			52			<20	0.16	<10	<10	42	<10		
K-08-0167	E770813	93.3	96.35	QTZT	non-mineralized	N-AML	0.1	5	4			48			<20	0.17	<10	<10	43	<10		
K-08-0167	E770814	96.35	99.26	QTZT	non-mineralized	N-AML	0.07	<5	2			28			<20	0.11	<10	<10	25	<10		
K-08-0167	E770815	99.26	102.3	QTZT	non-mineralized	N-AML	0.04	6	1			7			<20	0.08	<10	<10	11	<10		
K-08-0167	E770817	102.3	105.3	QTZT	non-mineralized	N-AML	0.04	<5	1			15			<20	0.08	<10	<10	10	<10		
K-08-0167	E770818	105.3	108.3	QTZT	non-mineralized	N-AML	0.17	<5	4			39			<20	0.15	<10	<10	40	<10		
K-08-0167	E770819	108.3	111.37	QTZT	non-mineralized	N-AML	0.13	<5	1			15			<20	0.09	<10	<10	9	<10		
K-08-0167	E770820	111.37	114.4	QTZT	non-mineralized	N-AML	0.08	<5	2			16			<20	0.11	<10	<10	17	<10		
K-08-0167	E770821	114.4	117.4	QTZT	non-mineralized	N-AML	0.24	<5	4			39			<20	0.15	<10	<10	37	<10		
K-08-0167	E770822	117.4	120.42	QTZT	non-mineralized	N-AML	0.13	<5	3			68			<20	0.14	<10	<10	36	<10		
K-08-0167	E770823	120.42	123.45	QTZT	non-mineralized	N-AML	0.25	<5	2			47			<20	0.1	<10	<10	24	<10		
K-08-0167	E770824	123.45	126.41	QTZT	non-mineralized	N-AML	0.19	<5	3			52			<20	0.13	<10	<10	32	<10		
K-08-0167	E770826	126.41	129.41	QTZT	non-mineralized	N-AML	0.41	<5	2			56			<20	0.1	<10	<10	25	<10		
K-08-0167	E770827	129.41	132.48	QTZT	non-mineralized	N-AML	0.58	5	9			123			<20	0.27	<10	<10	91	<10		
K-08-0167	E770829	132.48	135.5	QTZT	non-mineralized	N-AML	0.04	<5	1			6			<20	0.08	<10	<10	6	<10		
K-08-0167	E770830	135.5	138.51	QTZT	non-mineralized	N-AML	0.04	<5	1			6			<20	0.08	<10	<10	5	<10		
K-08-0167	E770831	138.51	141.56	QTZT	non-mineralized	N-AML	0.24	<5	4			26			<20	0.15	<10	10	44	<10		
K-08-0167	E770832	141.56	144.54	QTZT	non-mineralized	N-AML	0.17	<5	3			28			<20	0.13	<10	<10	30	<10		
K-08-0167	E770833	144.54	147.56	QTZT	non-mineralized	N-AML	0.11	<5	6			80			<20	0.22	10	<10	66	<10		
K-08-0167	E770834	147.56	150.57	QTZT	non-mineralized	N-AML	0.13	<5	1			27			<20	0.1	<10	<10	14	<10		
K-08-0167	E770835	150.57	152.29	QTZT	non-mineralized	N-AML	0.09	<5	1			14			<20	0.08	<10	<10	11	<10		
K-08-0167	E770836	152.29	154.33	GSCH	non-mineralized	N-AML	0.98	<5	8			140			<20	0.28	<10	<10	83	<10		
K-08-0167	E770838	154.33	157.58	GSCH	non-mineralized	N-AML	0.69	6	10			191			<20	0.35	<10	<10	106	<10		
K-08-0167	E770839	157.58	160.63	GSCH	non-mineralized	N-AML	1.13	10	15			220			20	0.47	<10	<10	159	<10		
K-08-0167	E770840	160.63	163.68	GSCH	non-mineralized	N-AML	0.93	12	11			186			<20	0.4	<10	<10	116	<10		
K-08-0167	E770841	163.68	166.73	GSCH	non-mineralized	N-AML	1.04	<5	5			115			<20	0.18	<10	<10	50	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0167	E770842	166.73	169.77	GSCH	non-mineralized	N-AML	1.08	5	6			90			<20	0.21	<10	<10	60	<10		
K-08-0167	E770844	169.77	170.26	GSCH	non-mineralized	N-AML	1.3	8	8			132			<20	0.25	<10	<10	86	<10		
K-08-0167	E770845	170.26	171.53	GSCH	non-mineralized	N-AML	0.98	11	6			99			<20	0.22	<10	<10	66	<10		
K-08-0167	E770846	171.53	173.05	GSCH	non-mineralized	N-AML	0.97	6	11			157			<20	0.33	<10	<10	110	<10		
K-08-0167	E770847	173.05	175.03	QTZT	non-mineralized	N-AML	0.36	6	6			96			<20	0.23	<10	<10	66	<10		
K-08-0167	E770849	175.03	175.86	QTZT	non-mineralized	N-AML	0.58	8	7			93			<20	0.2	<10	<10	65	<10		
K-08-0167	E770850	175.86	176.74	QTZT	non-mineralized	P-AML	0.43	10	7			96			<20	0.25	<10	<10	80	<10		
K-08-0167	E770851	176.74	176.94	QTZT	mineralized	P-AML	3.18	534	2			11			<20	0.06	<10	<10	12	<10		
K-08-0167	E770852	176.94	177.4	QTZT	mineralized	P-AML	0.68	12	1			5			<20	0.06	<10	<10	5	<10		
K-08-0167	E770853	177.4	177.81	QTZT	mineralized	P-AML	2.16	14	<1			3			<20	0.04	<10	<10	4	<10		
K-08-0167	E770855	177.81	178.79	QTZT	mineralized	P-AML	0.6	<5	1			4			<20	0.06	<10	<10	6	<10		
K-08-0167	E770856	178.79	180.4	QTZT	non-mineralized	P-AML	0.7	5	2			24			<20	0.11	<10	<10	24	<10		
K-08-0167	E770857	180.4	181.31	QTZT	non-mineralized	P-AML	0.64	15	7			104			<20	0.17	<10	<10	72	<10		
K-08-0167	E770858	181.31	182.37	QTZT	non-mineralized	P-AML	0.3	7	8			95			<20	0.27	<10	<10	91	<10		
K-08-0167	E770859	182.37	184.14	QTZT	non-mineralized	P-AML	0.29	<5	3			32			<20	0.11	<10	<10	26	<10		
K-08-0167	E770860	184.14	185.13	QTZT	non-mineralized	N-AML	0.38	<5	4			143			<20	0.15	<10	<10	37	<10		
K-08-0167	E770861	185.13	185.7	QTZT	non-mineralized	P-AML	0.52	14	3			18			<20	0.11	10	<10	29	<10		
K-08-0167	E770862	185.7	186.6	QTZT	non-mineralized	P-AML	0.57	6	5			53			<20	0.2	<10	<10	52	<10		
K-08-0167	E770863	186.6	188.06	QTZT	non-mineralized	N-AML	0.09	<5	<1			3			<20	0.05	<10	<10	3	<10		
K-08-0167	E770864	188.06	189.2	QTZT	non-mineralized	N-AML	0.15	7	8			72			<20	0.31	<10	<10	89	<10		
K-08-0167	E770865	189.2	190.51	QTZT	non-mineralized	P-AML	0.56	5	3			27			<20	0.13	<10	<10	30	<10		
K-08-0167	E770867	190.51	192.19	QTZT	non-mineralized	P-AML	1.49	12	15			157			<20	0.45	<10	<10	164	<10		
K-08-0167	E770868	192.19	193.88	QTZT	non-mineralized	P-AML	1.58	6	13			147			<20	0.38	<10	<10	142	<10		
K-08-0167	E770870	193.88	195	QTZT	non-mineralized	P-AML	0.48	<5	3			23			<20	0.1	<10	<10	29	<10		
K-08-0168	E777812	16.7	17.42	SSCH	non-mineralized	N-AML	0.02	<5	32			510			<20	0.58	<10	<10	287	<10		
K-08-0167	E770871	195	198	QTZT	non-mineralized	P-AML	0.41	<5	3			22			<20	0.09	<10	<10	32	<10		
K-08-0167	E770872	198	201	QTZT	non-mineralized	P-AML	0.48	<5	5			44			<20	0.19	<10	<10	56	<10		
K-08-0167	E770873	201	203.97	QTZT	non-mineralized	N-AML	0.28	<5	3			31			<20	0.11	<10	<10	24	<10		
K-08-0167	E770874	203.97	207.02	QTZT	non-mineralized	N-AML	0.53	<5	2			66			<20	0.07	<10	<10	17	<10		
K-08-0167	E770875	207.02	209.88	QTZT	non-mineralized	N-AML	0.45	<5	2			29			<20	0.06	<10	<10	14	<10		
K-08-0167	E770876	209.88	211.72	QTZT	non-mineralized	N-AML	1.22	<5	10			151			<20	0.31	<10	<10	116	<10		
K-08-0167	E770877	211.72	213.67	QTZT	non-mineralized	P-AML	1.72	<5	11			145			<20	0.32	<10	<10	129	<10		
K-08-0167	E770879	213.67	216.67	QTZT	non-mineralized	N-AML	0.39	<5	3			51			<20	0.12	<10	<10	33	<10		
K-08-0167	E770880	216.67	219.66	QTZT	non-mineralized	N-AML	0.17	<5	1			12			<20	0.07	<10	<10	10	<10		
K-08-0167	E770881	219.66	220.39	QTZT	non-mineralized	N-AML	0.11	<5	1			8			<20	0.06	<10	<10	5	<10		
K-08-0167	E770882	220.59	222.17	QTZT	non-mineralized	N-AML	0.63	5	7			95			<20	0.23	<10	<10	78	<10		
K-08-0167	E770883	222.17	224.63	QTZT	non-mineralized	N-AML	0.09	<5	1			61			<20	0.03	<10	<10	5	<10		
K-08-0168	E777805	6.1	9	QTZT	non-mineralized	N-AML	0.01	<5	4			19			<20	0.17	<10	<10	38	<10		
K-08-0168	E777806	9	12	QTZT	non-mineralized	N-AML	0.005	<5	1			11			<20	0.08	<10	<10	13	<10		
K-08-0168	E777808	12	15.35	QTZT	non-mineralized	N-AML	0.01	5	1			8			<20	0.07	<10	<10	5	<10		
K-08-0168	E777809	15.35	15.65	QTZT	non-mineralized	N-AML	0.005	<5	<1			11			<20	0.07	<10	<10	5	<10		
K-08-0168	E777811	15.65	16.7	QTZT	non-mineralized	N-AML	0.02	6	5			71			<20	0.19	<10	<10	48	<10		
K-08-0168	E777813	17.42	19	QTZT	mineralized	P-AML	0.005	<5	1			15			<20	0.09	<10	<10	8	<10		
K-08-0168	E777834	54.96	55.34	CQTZT	non-mineralized	N-AML	0.02	<5	4			187			<20	0.13	<10	<10	40	<10		
K-08-0168	E777814	19	21.33	QTZT	mineralized	P-AML	0.01	<5	1			25			<20	0.07	<10	<10	7	<10		
K-08-0168	E777815	21.33	22.01	QTZT	non-mineralized	N-AML	0.01	<5	7			83			<20	0.26	<10	<10	84	<10		
K-08-0168	E777817	22.01	22.31	QTZT	non-mineralized	N-AML	0.01	5	4			40			<20	0.12	<10	<10	38	<10		
K-08-0168	E777818	22.31	24.08	QTZT	non-mineralized	N-AML	0.01	<5	2			28			<20	0.09	<10	<10	25	<10		
K-08-0168	E777819	24.08	25.19	QTZT	mineralized	P-AML	0.01	<5	1			21			<20	0.08	<10	<10	7	<10		
K-08-0168	E777841	64.38	65.18	CQTZT	mineralized	P-AML	0.02	<5	1			41			<20	0.03	<10	<10	6	<10		
K-08-0168	E777820	25.19	27.39	GSCH	non-mineralized	N-AML	0.01	8	11			131			<20	0.34	<10	<10	121	<10		
K-08-0168	E777821	27.39	30	QTZT	non-mineralized	N-AML	0.02	<5	1			10			<20	0.09	<10	<10	9	<10		
K-08-0168	E777822	30	33	QTZT	non-mineralized	N-AML	0.02	<5	1			9			<20	0.09	<10	<10	6	<10		
K-08-0168	E777823	33	35	QTZT	mineralized	P-AML	0.02	<5	1			9			<20	0.08	<10	<10	5	<10		
K-08-0168	E777824	35	37.4	QTZT	non-mineralized	N-AML	0.01	<5	2			27			<20	0.1	<10	<10	24	<10		
K-08-0168	E777825	37.4	39.78	GSCH	non-mineralized	N-AML	0.03	5	8			92			<20	0.3	<10	<10	90	<10		
K-08-0168	E777827	39.78	42.37	QTZT	non-mineralized	N-AML	0.01	<5	4			32			<20	0.18	<10	<10	46	<10		
K-08-0168	E777828	42.37	46.14	QTZT	non-mineralized	N-AML	0.005	<5	2			25			<20	0.12	<10	<10	25	<10		
K-08-0168	E777829	46.14	48.81	QTZT	mineralized	P-AML	0.01	<5	1			4			<20	0.07	<10	<10	6	<10		
K-08-0168	E777830	48.81	51	QTZT	non-mineralized	N-AML	0.005	<5	1			4			<20	0.08	<10	<10	6	<10		
K-08-0168	E777832	51	53.1	QTZT	non-mineralized	N-AML	0.005	<5	<1			2			<20	0.07	<10	<10	5	<10		
K-08-0168	E777833	53.1	54.96	QTZT	non-mineralized	N-AML	0.01	<5	3			21			<20	0.12	<10	<10	27	<10		
K-08-0168	E777836	55.34	58	QTZT	non-mineralized	N-AML	0.01	5	4			46			<20	0.17	<10	<10	45	10		
K-08-0168	E777837	58	60	QTZT	mineralized	P-AML	0.01	<5	2			24			<20	0.1	<10	<10	19	<10		
K-08-0168	E777838	60	62.08	QTZT	non-mineralized	N-AML	0.005	<5	2			17			<20	0.1	<10	<10	17	<10		
K-08-0168	E777839	62.08	62.38	GSCH	non-mineralized	N-AML	0.01	<5	8			45			<20	0.23	<10	<10	83	<10		
K-08-0168	E777840	62.38	64.38	QTZT	mineralized	P-AML	0.01	<5	2			26			<20	0.09	<10	<10	19	<10		
K-08-0168	E777842	65.18	67	QTZT	mineralized	P-AML	0.01	<5	2			27			<20	0.07	<10	<10	16	<10		
K-08-0168	E777843	67	70.02	QTZT	non-mineralized	N-AML	0.02	<5	3			66			<20	0.14	<10	<10	38	<10		
K-08-0168	E777845	70.02	73	GSCH	non-mineralized	N-AML	0.02	<5	6			140			<20	0.32	<10	<10	164	<10		
K-08-0168	E777846	73	76	GSCH	non-mineralized	N-AML	0.01	7	16			214			<20	0.4	<10	<10	202	<10		
K-08-0168	E777847	76	79	GSCH	non-mineralized	N-AML	0.02	7	16			189			<20	0.37	<10	<10	159	<10		
K-08-0168	E777849	79	82	GSCH	non-mineralized	N-AML	0.01	<5	16			186			<20	0.34	<10	<10	161	<10		
K-08-0168	E777850	82	85	GSCH	non-mineralized	N-AML	0.01	7	15			182			<20	0.36	<10	<10	150	<10		
K-08-0168	E777851	85	86.14	GSCH	non-mineralized	N-AML	0.01	<5	18			194			<20	0.43	10	<10	178	10		
K-08-0168	E777852	86.14	88	QTZT	non-mineralized	N-AML	0.02	<5	2			37			<20	0.11	<10	<10	25	<10		
K-08-0168	E777853	88	89.4	QTZT	non-mineralized	N-AML	0.02	<5	3			58			<20	0.16	<10	<10	40	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0168	E777854	89.4	92	QTZT	mineralized	P-AML	0.01	<5	1			7			<20	0.07	<10	<10	6	<10		
K-08-0168	E777855	92	95	QTZT	non-mineralized	N-AML	0.005	<5	<1			5			<20	0.07	<10	<10	4	<10		
K-08-0168	E777857	95	98	QTZT	non-mineralized	N-AML	0.01	6	1			16			<20	0.09	<10	<10	14	<10		
K-08-0168	E777858	98	101	QTZT	non-mineralized	N-AML	0.01	<5	1			13			<20	0.1	<10	<10	12	<10		
K-08-0168	E777879	131.64	134.71	SCH	non-mineralized	N-AML	0.5	6	6			107			<20	0.23	<10	<10	70	<10		
K-08-0168	E777859	101	102.73	QTZT	non-mineralized	N-AML	0.005	<5	1			5			<20	0.08	<10	<10	6	<10		
K-08-0168	E777860	102.73	103.13	QTZT	non-mineralized	N-AML	0.005	<5	1			68			<20	0.05	<10	<10	4	<10		
K-08-0168	E777861	103.13	104.07	QTZT	non-mineralized	N-AML	0.01	<5	<1			5			<20	0.06	<10	<10	5	<10		
K-08-0168	E777862	104.07	104.66	QTZT	non-mineralized	N-AML	0.01	<5	1			46			<20	0.06	<10	<10	5	<10		
K-08-0168	E777863	104.66	107.58	QTZT	non-mineralized	N-AML	0.01	<5	1			10			<20	0.08	<10	<10	6	<10		
K-08-0168	E777864	107.58	108.06	QTZT	non-mineralized	N-AML	0.06	<5	13			175			<20	0.45	<10	<10	154	<10		
K-08-0168	E777887	148.84	151	SCH	non-mineralized	P-AML	0.68	6	16			214			<20	0.43	<10	<10	159	<10		
K-08-0168	E777888	151	154	SCH	non-mineralized	P-AML	0.47	<5	17			172			<20	0.42	<10	<10	179	<10		
K-08-0168	E777889	154	157	SCH	non-mineralized	N-AML	0.48	<5	14			169			<20	0.32	<10	<10	129	<10		
K-08-0168	E777891	157	160	SCH	non-mineralized	P-AML	0.43	<5	18			189			<20	0.51	<10	<10	184	<10		
K-08-0168	E777892	160	163	SCH	non-mineralized	N-AML	0.43	5	16			231			<20	0.42	<10	<10	160	<10		
K-08-0168	E777894	163	165	SCH	non-mineralized	P-AML	0.3	8	19			185			<20	0.44	<10	<10	181	<10		
K-08-0168	E777895	165	167.34	SCH	non-mineralized	N-AML	0.19	7	17			181			<20	0.44	<10	<10	179	<10		
K-08-0168	E777866	108.06	109.7	QTZT	non-mineralized	N-AML	0.09	<5	1			14			<20	0.09	<10	<10	11	<10		
K-08-0168	E777867	109.7	110.31	QTZT	non-mineralized	N-AML	0.09	12	14			185			<20	0.47	<10	<10	153	30		
K-08-0168	E777869	110.31	113	QTZT	non-mineralized	N-AML	0.03	<5	1			6			<20	0.08	<10	<10	6	<10		
K-08-0168	E777870	113	116.02	QTZT	non-mineralized	N-AML	0.02	<5	1			8			<20	0.07	<10	<10	7	<10		
K-08-0168	E777871	116.02	116.62	QTZT	non-mineralized	N-AML	0.03	<5	12			154			<20	0.33	<10	<10	141	<10		
K-08-0168	E777872	116.62	119.66	QTZT	non-mineralized	N-AML	0.08	<5	2			26			<20	0.09	<10	<10	21	<10		
K-08-0168	E777873	119.66	121.41	QTZT	non-mineralized	N-AML	0.14	<5	8			113			<20	0.22	<10	<10	81	<10		
K-08-0168	E777874	121.41	124	QTZT	non-mineralized	N-AML	0.04	<5	2			23			<20	0.11	<10	<10	24	<10		
K-08-0168	E777875	124	127	QTZT	non-mineralized	N-AML	0.05	<5	1			7			<20	0.1	<10	<10	8	<10		
K-08-0168	E777876	127	129	QTZT	non-mineralized	N-AML	0.05	<5	<1			12			<20	0.08	<10	<10	5	<10		
K-08-0168	E777878	129	131.64	QTZT	non-mineralized	N-AML	0.03	<5	1			8			<20	0.07	<10	<10	5	<10		
K-08-0168	E777880	134.71	137	QTZT	non-mineralized	N-AML	0.04	<5	1			11			<20	0.1	<10	<10	11	<10		
K-08-0168	E777881	137	140	QTZT	non-mineralized	N-AML	0.01	<5	1			5			<20	0.08	<10	<10	6	<10		
K-08-0168	E777882	140	143	QTZT	non-mineralized	N-AML	0.11	<5	3			32			<20	0.13	<10	<10	39	10		
K-08-0168	E777883	143	145.13	QTZT	non-mineralized	N-AML	0.18	<5	2			29			<20	0.08	<10	<10	29	<10		
K-08-0168	E777884	145.13	147	QTZT	non-mineralized	P-AML	0.42	6	11			195			<20	0.32	<10	<10	112	<10		
K-08-0168	E777886	147	148.84	QTZT	non-mineralized	N-AML	0.38	<5	6			103			<20	0.18	<10	<10	69	<10		
K-08-0168	E777896	167.34	169.62	GSCH	non-mineralized	N-AML	0.18	<5	4			53			<20	0.13	<10	<10	39	<10		
K-08-0168	E777897	169.62	172.34	GSCH	non-mineralized	P-AML	1.45	<5	13			213			<20	0.39	<10	<10	139	<10		
K-08-0168	E777898	172.34	175.34	GSCH	non-mineralized	P-AML	0.58	5	5			89			<20	0.2	<10	<10	55	<10		
K-08-0168	E777899	175.34	178.09	GSCH	non-mineralized	P-AML	0.49	<5	5			75			<20	0.2	<10	<10	60	<10		
K-08-0168	E777900	178.09	180.08	GSCH	non-mineralized	P-AML	0.57	5	10			139			<20	0.33	<10	<10	123	<10		
K-08-0168	E777901	180.08	182.27	GSCH	non-mineralized	N-AML	1.05	<5	10			149			<20	0.29	<10	<10	129	<10		
K-08-0168	E777902	182.27	185.25	GSCH	non-mineralized	N-AML	0.74	<5	4			79			<20	0.19	<10	<10	51	<10		
K-08-0168	E777903	185.25	187.2	GSCH	non-mineralized	P-AML	0.54	<5	6			73			<20	0.22	<10	<10	63	<10		
K-08-0168	E777904	187.2	189.2	GSCH	non-mineralized	N-AML	0.37	<5	5			67			<20	0.19	<10	<10	51	<10		
K-08-0168	E777905	191.75	194.77	GSCH	non-mineralized	N-AML	0.53	<5	9			119			<20	0.3	<10	<10	97	<10		
K-08-0168	E777906	194.77	197.82	GSCH	non-mineralized	P-AML	0.29	<5	8			106			<20	0.3	<10	<10	95	<10		
K-08-0168	E777908	197.82	200.86	GSCH	non-mineralized	N-AML	0.46	<5	8			111			<20	0.29	<10	<10	89	<10		
K-08-0168	E777909	200.86	203.91	GSCH	non-mineralized	P-AML	0.28	<5	5			49			<20	0.19	<10	<10	54	<10		
K-08-0168	E777910	203.91	206.76	GSCH	non-mineralized	N-AML	0.81	8	8			77			<20	0.27	<10	<10	96	<10		
K-08-0168	E777911	206.76	208.64	QTZT	non-mineralized	P-AML	0.45	5	3			23			<20	0.13	<10	<10	30	<10		
K-08-0168	E777912	208.64	209.88	QTZT	non-mineralized	N-AML	0.35	<5	1			88			<20	0.05	<10	<10	10	<10		
K-08-0168	E777913	210.08	211.08	QTZT	non-mineralized	N-AML	0.35	<5	1			63			<20	0.06	<10	<10	7	<10		
K-08-0168	E777915	211.08	214.08	QTZT	non-mineralized	N-AML	0.42	<5	12			70			<20	0.39	<10	<10	132	<10		
K-08-0168	E777916	214.08	217.13	QTZT	non-mineralized	N-AML	0.47	<5	2			54			<20	0.06	<10	<10	17	<10		
K-08-0168	E777917	217.13	218.5	GSCH	non-mineralized	P-AML	2.98	20	12			128			<20	0.38	<10	<10	144	<10		
K-08-0168	E777919	218.5	220.1	QTZT	non-mineralized	N-AML	0.43	<5	1			59			<20	0.04	<10	<10	12	<10		
K-08-0168	E777920	220.1	220.92	QTZT	non-mineralized	N-AML	0.33	<5	1			79			<20	0.03	<10	10	7	<10		
K-08-0168	E777941	245.36	248.39	CQTZT	non-mineralized	N-AML	0.56	<5	2			71			<20	0.08	<10	<10	22	<10		
K-08-0168	E777942	248.39	251.39	CQTZT	non-mineralized	N-AML	0.66	<5	2			54			<20	0.09	<10	<10	22	<10		
K-08-0168	E777943	251.39	253.39	CQTZT	non-mineralized	N-AML	0.75	<5	2			133			<20	0.09	<10	<10	24	<10		
K-08-0168	E777921	220.92	223.91	QTZT	non-mineralized	N-AML	0.32	5	1			19			<20	0.04	<10	<10	7	<10		
K-08-0168	E777922	223.91	225.56	QTZT	non-mineralized	N-AML	0.32	<5	1			17			<20	0.05	<10	<10	7	<10		
K-08-0168	E777923	225.56	227.05	QTZT	non-mineralized	P-AML	0.46	7	2			18			<20	0.1	<10	<10	23	<10		
K-08-0168	E777924	227.05	228.05	QTZT	non-mineralized	N-AML	0.17	5	1			4			<20	0.04	<10	<10	5	<10		
K-08-0168	E777925	228.05	229.05	QTZT	non-mineralized	N-AML	0.46	<5	1			27			<20	0.04	<10	<10	8	<10		
K-08-0168	E777926	229.05	229.43	QTZT	non-mineralized	N-AML	1.21	9	5			42			<20	0.2	<10	<10	65	<10		
K-08-0168	E777928	229.43	229.89	QTZT	non-mineralized	N-AML	0.17	15	1			24			<20	0.06	<10	<10	19	<10		
K-08-0168	E777929	229.89	231.09	QTZT	non-mineralized	P-AML	0.64	25	4			25			<20	0.15	<10	<10	50	<10		
K-08-0168	E777930	231.09	231.43	QTZT	mineralized	P-AML	0.78	145	1			7			<20	0.07	<10	<10	18	<10		
K-08-0168	E777931	231.43	231.83	QTZT	mineralized	P-AML	1.33	67	3			14			<20	0.1	<10	<10	39	10		
K-08-0168	E777933	231.83	232.79	QTZT	non-mineralized	P-AML	1.86	16	8			56			<20	0.29	<10	<10	97	<10		
K-08-0168	E777935	232.79	234.82	QTZT	non-mineralized	P-AML	0.81	<5	3			32			<20	0.12	<10	<10	30	<10		
K-08-0168	E777936	234.82	236.47	QTZT	non-mineralized	N-AML	1.01	<5	3			74			<20	0.15	<10	<10	41	<10		
K-08-0168	E777937	236.47	239.09	GSCH	non-mineralized	N-AML	0.79	<5	8			103			<20	0.29	<10	<10	95	<10		
K-08-0168	E777938	239.09	241.3	GSCH	non-mineralized	N-AML	0.56	<5	8			84			<20	0.27	<10	<10	87	<10		
K-08-0168	E777939	241.3	242.87	GSCH	non-mineralized	N-AML	0.47	<5	3			63			<20	0.13	<10	<10	36	<10		
K-08-0168	E777940	242.87	245.36	GSCH	non-mineralized	N-AML	0.86	<5	8			94			<20	0.3	<10	<10	104	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0168	E777944	253.39	256.39	QTZT	non-mineralized	N-AML	0.59	<5	5			76			<20	0.19	<10	<10	59	<10		
K-08-0168	E777945	256.39	259.39	QTZT	non-mineralized	N-AML	0.09	<5	1			10			<20	0.06	<10	<10	5	<10		
K-08-0168	E777947	259.39	262.39	QTZT	non-mineralized	N-AML	0.07	<5	2			38			<20	0.1	<10	<10	14	<10		
K-08-0168	E777948	262.39	263.82	QTZT	non-mineralized	P-AML	0.43	5	5			51			<20	0.2	<10	<10	56	<10		
K-08-0168	E777949	263.82	266.82	QTZT	non-mineralized	N-AML	0.17	<5	1			5			<20	0.06	<10	<10	8	<10		
K-08-0168	E777950	266.82	269.82	QTZT	non-mineralized	N-AML	0.09	<5	1			47			<20	0.05	<10	<10	6	<10		
K-08-0168	E777951	269.82	272.86	QTZT	non-mineralized	N-AML	0.06	<5	1			20			<20	0.05	<10	<10	4	<10		
K-08-0168	E777952	272.86	274.02	QTZT	non-mineralized	N-AML	0.16	5	1			13			<20	0.04	<10	<10	5	<10		
K-08-0168	E777954	274.02	276.45	QTZT	non-mineralized	N-AML	0.07	<5	1			15			<20	0.05	<10	<10	4	<10		
K-08-0169	E603342	3.05	6	QTZT	non-mineralized	N-AML	0.02	<5	2			42			<20	0.1	<10	<10	26	<10		
K-08-0169	E603343	6	9	QTZT	mineralized	P-AML	0.01	<5	1			15			<20	0.07	<10	<10	12	<10		
K-08-0169	E603344	9	12	QTZT	non-mineralized	N-AML	0.01	<5	2			33			<20	0.11	<10	<10	20	<10		
K-08-0169	E603346	12	14	QTZT	non-mineralized	N-AML	0.01	<5	3			48			<20	0.13	<10	<10	30	<10		
K-08-0169	E603347	14	16.42	QTZT	non-mineralized	N-AML	0.01	<5	2			32			<20	0.08	<10	<10	21	<10		
K-08-0169	E603348	16.42	19	GSCH	non-mineralized	N-AML	0.01	<5	9			86			<20	0.2	<10	<10	100	<10		
K-08-0169	E603349	19	22	GSCH	non-mineralized	N-AML	0.01	<5	4			51			<20	0.16	<10	<10	44	<10		
K-08-0169	E603350	22	25	GSCH	non-mineralized	N-AML	0.02	<5	3			60			<20	0.13	<10	<10	31	<10		
K-08-0169	E603351	25	28	GSCH	non-mineralized	N-AML	0.01	<5	9			116			<20	0.29	<10	<10	91	<10		
K-08-0169	E603352	28	30	GSCH	non-mineralized	N-AML	0.01	5	11			127			<20	0.32	<10	<10	107	<10		
K-08-0169	E603353	30	31.9	GSCH	non-mineralized	N-AML	0.005	<5	6			70			<20	0.24	<10	<10	65	<10		
K-08-0169	E603354	31.9	34	QTZT	mineralized	P-AML	0.02	<5	1			35			<20	0.09	<10	<10	16	<10		
K-08-0169	E603356	34	35.8	QTZT	mineralized	P-AML	0.01	<5	2			19			<20	0.08	<10	<10	16	<10		
K-08-0169	E603357	35.8	38.4	QTZT	non-mineralized	N-AML	0.01	<5	4			37			<20	0.15	<10	<10	45	<10		
K-08-0169	E603359	38.4	41	QTZT	non-mineralized	N-AML	0.24	<5	4			51			<20	0.13	<10	<10	38	<10		
K-08-0169	E603360	41	44	QTZT	non-mineralized	N-AML	0.03	<5	8			99			<20	0.28	<10	<10	80	<10		
K-08-0169	E603361	44	47	QTZT	non-mineralized	N-AML	0.03	<5	4			39			<20	0.14	<10	<10	39	<10		
K-08-0169	E603362	47	50	QTZT	non-mineralized	N-AML	0.02	<5	3			68			<20	0.12	<10	<10	32	<10		
K-08-0169	E603363	50	52.72	QTZT	non-mineralized	N-AML	0.03	<5	5			57			<20	0.19	<10	<10	54	<10		
K-08-0169	E603365	52.72	55	GSCH	non-mineralized	N-AML	0.02	<5	13			111			<20	0.36	<10	<10	141	<10		
K-08-0169	E603385	99.5	101.2	CQTZT	non-mineralized	N-AML	0.06	<5	5			43			<20	0.19	<10	<10	70	<10		
K-08-0169	E603366	55	58	GSCH	non-mineralized	N-AML	0.02	<5	10			120			<20	0.31	<10	<10	111	<10		
K-08-0169	E603367	58	61	GSCH	non-mineralized	N-AML	0.01	<5	8			98			<20	0.28	<10	<10	90	<10		
K-08-0169	E603369	61	63.24	GSCH	non-mineralized	N-AML	0.01	<5	13			111			<20	0.36	<10	<10	136	<10		
K-08-0169	E603370	63.24	63.71	GSCH	non-mineralized	N-AML	0.01	<5	14			167			<20	0.41	<10	<10	148	<10		
K-08-0169	E603371	63.71	66	GSCH	non-mineralized	N-AML	0.03	<5	1			10			<20	0.07	<10	<10	9	<10		
K-08-0169	E603372	66	69	QTZT	non-mineralized	N-AML	0.01	<5	1			21			<20	0.06	<10	<10	11	<10		
K-08-0169	E603373	69	72	QTZT	non-mineralized	N-AML	0.01	<5	1			18			<20	0.09	<10	<10	12	<10		
K-08-0169	E603374	72	75.3	QTZT	non-mineralized	N-AML	0.02	<5	1			20			<20	0.1	<10	<10	15	<10		
K-08-0169	E603376	75.3	77.43	QTZT	non-mineralized	N-AML	0.01	<5	1			19			<20	0.09	<10	<10	11	<10		
K-08-0169	E603398	124.83	125.2	CQTZT	non-mineralized	N-AML	0.17	<5	1			68			<20	0.06	<10	<10	7	<10		
K-08-0169	E603377	77.43	80	GSCH	non-mineralized	N-AML	0.09	<5	6			51			<20	0.23	<10	<10	71	<10		
K-08-0169	E603378	80	83	GSCH	non-mineralized	N-AML	0.05	<5	13			80			20	0.39	<10	<10	141	<10		
K-08-0169	E603379	83	86	GSCH	non-mineralized	N-AML	0.04	<5	9			122			<20	0.29	<10	<10	100	<10		
K-08-0169	E603380	86	89	GSCH	non-mineralized	N-AML	0.05	<5	2			20			<20	0.1	<10	<10	24	<10		
K-08-0169	E603381	89	91.61	GSCH	non-mineralized	N-AML	0.03	<5	5			37			<20	0.15	<10	<10	50	<10		
K-08-0169	E603382	91.61	94	QTZT	non-mineralized	N-AML	0.01	<5	1			7			<20	0.08	<10	<10	7	<10		
K-08-0169	E603383	94	97	QTZT	non-mineralized	N-AML	0.01	<5	1			6			<20	0.09	<10	<10	6	<10		
K-08-0169	E603384	97	99.5	QTZT	non-mineralized	N-AML	0.03	<5	1			6			<20	0.1	<10	<10	6	<10		
K-08-0169	E603387	101.2	104	QTZT	non-mineralized	N-AML	0.02	<5	1			13			<20	0.1	<10	<10	13	<10		
K-08-0169	E603388	104	107	QTZT	non-mineralized	N-AML	0.06	6	5			40			<20	0.2	<10	<10	51	<10		
K-08-0169	E603389	107	110	QTZT	non-mineralized	N-AML	0.04	<5	2			27			<20	0.12	<10	<10	24	<10		
K-08-0169	E603391	110	113	QTZT	non-mineralized	N-AML	0.05	<5	3			25			<20	0.13	<10	<10	29	<10		
K-08-0169	E603392	113	115	QTZT	non-mineralized	N-AML	0.04	<5	1			31			<20	0.09	<10	<10	12	<10		
K-08-0169	E603393	115	116.71	QTZT	non-mineralized	N-AML	0.12	<5	6			77			<20	0.22	<10	<10	74	<10		
K-08-0169	E603394	116.71	119	QTZT	non-mineralized	N-AML	0.05	<5	1			10			<20	0.09	<10	<10	9	<10		
K-08-0169	E603395	119	122	QTZT	non-mineralized	N-AML	0.08	<5	1			7			<20	0.1	<10	<10	7	<10		
K-08-0169	E603397	122	124.83	QTZT	non-mineralized	N-AML	0.04	<5	1			3			<20	0.1	<10	<10	6	<10		
K-08-0169	E603399	125.2	127	GSCH	non-mineralized	N-AML	0.13	<5	7			42			<20	0.24	<10	<10	72	<10		
K-08-0169	E603400	127	128.6	GSCH	non-mineralized	N-AML	0.13	6	4			61			<20	0.17	<10	<10	36	<10		
K-08-0169	E603401	128.6	131	QTZT	non-mineralized	N-AML	0.1	<5	3			29			<20	0.14	<10	<10	33	<10		
K-08-0169	E603402	131	134	QTZT	non-mineralized	N-AML	0.46	5	10			114			<20	0.33	<10	<10	105	<10		
K-08-0169	E603423	177.67	180.39	CQTZT	non-mineralized	N-AML	0.63	<5	2			247			<20	0.08	<10	<10	23	<10		
K-08-0169	E603403	134	137	QTZT	non-mineralized	N-AML	0.36	6	5			56			<20	0.2	<10	<10	57	<10		
K-08-0169	E603404	137	138.87	QTZT	non-mineralized	N-AML	0.43	6	4			73			<20	0.17	<10	<10	45	<10		
K-08-0169	E603405	138.87	141	QTZT	non-mineralized	N-AML	0.44	<5	4			96			<20	0.15	<10	<10	43	<10		
K-08-0169	E603406	141	144	QTZT	non-mineralized	N-AML	0.48	7	4			70			<20	0.15	<10	<10	40	<10		
K-08-0169	E603430	188.28	188.96	CQTZT	non-mineralized	N-AML	0.53	<5	3			144			<20	0.09	<10	<10	25	<10		
K-08-0169	E603407	144	147	QTZT	non-mineralized	N-AML	0.65	<5	4			96			<20	0.16	<10	<10	46	<10		
K-08-0169	E603408	147	149	QTZT	non-mineralized	N-AML	0.62	<5	5			81			<20	0.2	<10	<10	57	<10		
K-08-0169	E603410	149	150.45	QTZT	non-mineralized	P-AML	0.58	<5	3			38			<20	0.16	<10	<10	33	<10		
K-08-0169	E603411	150.45	153	QTZT	non-mineralized	N-AML	0.12	<5	<1			5			<20	0.06	<10	<10	4	<10		
K-08-0169	E603412	153	156	QTZT	non-mineralized	N-AML	0.03	<5	1			7			<20	0.08	<10	<10	5	<10		
K-08-0169	E603413	156	159	QTZT	non-mineralized	N-AML	0.23	<5	3			20			<20	0.13	<10	<10	34	<10		
K-08-0169	E603438	199.95	200.78	GNST	non-mineralized	N-AML	0.24	<5	28			466			<20	1.04	<10	<10	314	<10		
K-08-0169	E603415	159	162	QTZT	non-mineralized	N-AML	0.19	<5	2			44			<20	0.09	<10	<10	21	<10		
K-08-0169	E603416	162	165	QTZT	non-mineralized	N-AML	0.08	<5	1			24			<20	0.05	<10	<10	6	<10		
K-08-0169	E603417	165	168	QTZT	non-mineralized	N-AML	0.13	<5	1			11			<20	0.09	<10	<10	12	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0169	E603419	168	171	QTZT	non-mineralized	N-AML	0.06	<5	1			9			<20	0.07	<10	<10	5	<10		
K-08-0169	E603420	171	174	QTZT	non-mineralized	N-AML	0.2	<5	1			56			<20	0.06	<10	<10	9	<10		
K-08-0169	E603421	174	176.93	QTZT	non-mineralized	N-AML	0.12	<5	1			22			<20	0.08	<10	<10	5	<10		
K-08-0169	E603422	176.93	177.67	GSCH	non-mineralized	N-AML	0.95	<5	9			197			<20	0.34	<10	<10	98	<10		
K-08-0169	E603425	180.39	183	QTZT	non-mineralized	N-AML	0.24	<5	4			142			<20	0.19	10	<10	45	<10		
K-08-0169	E603426	183	185	QTZT	non-mineralized	N-AML	0.2	<5	1			49			<20	0.07	<10	<10	14	<10		
K-08-0169	E603427	185	186.28	QTZT	non-mineralized	N-AML	0.26	<5	4			117			<20	0.18	<10	<10	44	<10		
K-08-0169	E603428	186.28	188.28	GSCH	non-mineralized	N-AML	0.99	<5	11			191			<20	0.37	<10	<10	130	<10		
K-08-0169	E603431	188.96	191	GSCH	non-mineralized	N-AML	1.27	<5	10			203			<20	0.32	<10	<10	109	<10		
K-08-0169	E603432	191	192.27	GSCH	non-mineralized	N-AML	1.38	<5	12			282			<20	0.41	<10	<10	134	<10		
K-08-0169	E603433	192.27	194.07	QTZT	non-mineralized	N-AML	0.23	<5	2			247			<20	0.07	<10	<10	18	<10		
K-08-0169	E603434	194.07	196.9	GSCH	non-mineralized	N-AML	0.84	<5	10			219			<20	0.32	<10	<10	105	<10		
K-08-0169	E603435	196.9	199.42	GSCH	non-mineralized	N-AML	0.91	<5	7			177			<20	0.27	<10	<10	77	<10		
K-08-0169	E603437	199.42	199.95	QTZT	non-mineralized	P-AML	0.39	<5	3			25			<20	0.07	<10	<10	28	<10		
K-08-0169	E603439	200.78	203	GSCH	non-mineralized	N-AML	0.49	<5	14			139			<20	0.41	<10	<10	151	<10		
K-08-0169	E603440	203	206	GSCH	non-mineralized	N-AML	0.55	<5	10			133			<20	0.33	<10	<10	108	<10		
K-08-0169	E603441	206	207.4	GSCH	non-mineralized	N-AML	0.56	<5	7			94			<20	0.26	<10	<10	78	<10		
K-08-0169	E603442	207.4	209	QTZT	non-mineralized	P-AML	0.27	<5	2			25			<20	0.09	<10	<10	17	<10		
K-08-0169	E603443	209	211.16	QTZT	non-mineralized	N-AML	0.45	<5	5			56			<20	0.18	<10	<10	48	<10		
K-08-0169	E603445	211.16	214	GSCH	non-mineralized	P-AML	0.98	<5	11			119			<20	0.35	<10	<10	114	<10		
K-08-0169	E603446	214	216	GSCH	non-mineralized	P-AML	0.93	<5	15			158			<20	0.48	<10	<10	165	<10		
K-08-0169	E603447	216	217.33	GSCH	non-mineralized	P-AML	0.92	5	11			121			<20	0.35	<10	<10	119	<10		
K-08-0169	E603448	217.33	220	QTZT	non-mineralized	N-AML	0.18	<5	2			45			<20	0.08	<10	<10	19	<10		
K-08-0169	E603449	220	221.55	QTZT	non-mineralized	N-AML	0.33	<5	2			26			<20	0.08	<10	<10	15	<10		
K-08-0169	E603450	221.55	224	GSCH	non-mineralized	P-AML	0.95	5	12			144			<20	0.39	<10	<10	138	<10		
K-08-0169	E603452	224	226	GSCH	non-mineralized	N-AML	0.52	<5	9			102			<20	0.3	<10	<10	100	<10		
K-08-0170	E770884	4.57	6.55	QTZT	non-mineralized	N-AML	0.01	<5	2			14			<20	0.08	<10	<10	15	<10		
K-08-0170	E770885	6.55	8.84	QTZT	non-mineralized	N-AML	0.01	<5	3			26			<20	0.1	<10	<10	29	<10		
K-08-0170	E770887	8.84	11.89	QTZT	non-mineralized	N-AML	0.02	<5	7			109			<20	0.22	<10	<10	70	<10		
K-08-0170	E770888	11.89	14.94	QTZT	non-mineralized	N-AML	0.01	<5	3			50			<20	0.15	<10	<10	37	<10		
K-08-0170	E770889	14.94	16.76	QTZT	non-mineralized	N-AML	0.01	<5	3			48			<20	0.09	<10	<10	36	<10		
K-08-0170	E770890	16.76	18.95	QTZT	non-mineralized	N-AML	0.01	<5	3			31			<20	0.1	<10	<10	26	<10		
K-08-0170	E770892	18.95	20.64	GSCH	non-mineralized	N-AML	0.01	<5	11			200			<20	0.32	<10	<10	112	<10		
K-08-0170	E770893	20.64	22.3	GSCH	non-mineralized	N-AML	0.01	<5	9			133			<20	0.26	<10	<10	95	<10		
K-08-0170	E770894	22.3	25.29	QTZT	non-mineralized	N-AML	0.01	<5	4			57			<20	0.14	<10	<10	40	<10		
K-08-0170	E770895	25.29	28.29	QTZT	non-mineralized	N-AML	0.01	<5	2			23			<20	0.08	<10	<10	16	<10		
K-08-0170	E770896	28.29	31.3	QTZT	non-mineralized	N-AML	0.01	<5	2			23			<20	0.09	<10	<10	18	<10		
K-08-0170	E770897	31.3	34.29	QTZT	non-mineralized	N-AML	0.02	<5	3			37			<20	0.12	<10	<10	28	<10		
K-08-0170	E770899	34.29	35.9	QTZT	non-mineralized	N-AML	0.02	<5	3			40			<20	0.11	<10	<10	24	<10		
K-08-0170	E770900	35.9	37.51	QTZT	non-mineralized	N-AML	0.01	<5	2			18			<20	0.05	<10	<10	14	<10		
K-08-0170	E770901	37.51	40.5	QTZT	non-mineralized	N-AML	0.05	<5	8			113			<20	0.17	<10	<10	95	<10		
K-08-0170	E770902	40.5	43.5	QTZT	non-mineralized	N-AML	0.02	<5	7			96			<20	0.23	<10	<10	71	<10		
K-08-0170	E770903	43.5	46.5	QTZT	non-mineralized	N-AML	0.01	<5	2			41			<20	0.11	<10	<10	20	<10		
K-08-0170	E770904	46.5	49.5	QTZT	non-mineralized	N-AML	0.01	<5	7			65			<20	0.21	<10	<10	69	<10		
K-08-0170	E770906	49.5	51.51	QTZT	non-mineralized	N-AML	0.02	<5	5			54			<20	0.16	<10	<10	50	<10		
K-08-0170	E770907	51.51	53.56	QTZT	non-mineralized	N-AML	0.01	<5	7			62			<20	0.21	<10	<10	75	<10		
K-08-0170	E770908	53.56	56.56	QTZT	non-mineralized	N-AML	0.02	<5	4			19			<20	0.13	<10	<10	37	<10		
K-08-0170	E770909	56.56	59.59	QTZT	non-mineralized	N-AML	0.04	<5	4			53			<20	0.15	<10	<10	38	<10		
K-08-0170	E770910	59.59	62.62	QTZT	non-mineralized	N-AML	0.07	<5	5			62			<20	0.18	<10	<10	50	<10		
K-08-0170	E770911	62.62	65.69	QTZT	non-mineralized	N-AML	0.1	<5	5			53			<20	0.17	<10	<10	49	<10		
K-08-0170	E770913	65.69	68.54	QTZT	non-mineralized	N-AML	0.17	<5	4			109			<20	0.14	<10	<10	39	<10		
K-08-0170	E770914	68.54	71.54	QTZT	non-mineralized	N-AML	0.19	5	5			58			<20	0.16	<10	<10	49	<10		
K-08-0170	E770915	71.54	74.56	QTZT	non-mineralized	N-AML	0.05	<5	1			15			<20	0.06	<10	<10	10	<10		
K-08-0170	E770916	74.56	77.57	QTZT	non-mineralized	N-AML	0.12	<5	2			29			<20	0.1	<10	<10	20	<10		
K-08-0170	E770917	77.57	80.56	QTZT	non-mineralized	N-AML	0.08	<5	5			50			<20	0.18	<10	<10	47	<10		
K-08-0170	E770918	80.56	83.57	QTZT	non-mineralized	N-AML	0.05	<5	4			37			<20	0.14	<10	<10	38	<10		
K-08-0170	E770920	83.57	86.56	QTZT	non-mineralized	N-AML	0.18	<5	9			85			<20	0.24	<10	<10	95	<10		
K-08-0170	E770921	86.56	89.56	QTZT	non-mineralized	N-AML	0.14	<5	2			54			<20	0.1	<10	<10	27	<10		
K-08-0170	E770922	89.56	92.54	QTZT	non-mineralized	N-AML	0.27	5	5			65			<20	0.17	<10	<10	49	<10		
K-08-0170	E770923	92.54	95.58	QTZT	non-mineralized	N-AML	0.07	<5	1			48			<20	0.07	<10	<10	12	<10		
K-08-0170	E770924	95.58	98.55	QTZT	non-mineralized	N-AML	0.12	<5	3			64			<20	0.12	<10	<10	36	<10		
K-08-0170	E770925	98.55	101.44	QTZT	non-mineralized	N-AML	0.07	<5	1			36			<20	0.05	<10	<10	7	<10		
K-08-0170	E770927	101.44	104.4	QTZT	non-mineralized	N-AML	0.3	<5	6			87			<20	0.2	<10	<10	60	<10		
K-08-0170	E770928	104.4	107.4	QTZT	non-mineralized	N-AML	0.28	5	5			71			<20	0.18	<10	<10	52	<10		
K-08-0170	E770929	107.4	110.4	QTZT	non-mineralized	N-AML	0.11	<5	2			19			<20	0.1	<10	<10	17	<10		
K-08-0170	E770930	110.4	112.91	QTZT	non-mineralized	N-AML	0.06	<5	1			10			<20	0.08	<10	<10	6	<10		
K-08-0170	E770932	112.91	115.88	QTZT	non-mineralized	N-AML	0.09	<5	1			7			<20	0.09	<10	<10	6	<10		
K-08-0170	E770933	115.88	118.9	QTZT	non-mineralized	P-AML	0.4	<5	4			46			<20	0.17	<10	<10	46	<10		
K-08-0170	E770934	118.9	121.62	QTZT	non-mineralized	N-AML	0.24	<5	3			43			<20	0.13	<10	<10	27	<10		
K-08-0170	E770935	121.62	124.66	QTZT	non-mineralized	N-AML	0.35	<5	4			51			<20	0.17	<10	<10	46	<10		
K-08-0170	E770936	124.66	127.71	QTZT	non-mineralized	N-AML	0.06	<5	<1			5			<20	0.06	<10	<10	5	<10		
K-08-0170	E770937	127.71	130.76	QTZT	non-mineralized	N-AML	0.13	<5	1			5			<20	0.06	<10	<10	5	<10		
K-08-0170	E770938	130.76	133.8	QTZT	non-mineralized	N-AML	0.2	5	2			22			<20	0.1	<10	<10	21	<10		
K-08-0170	E770940	133.8	136.86	QTZT	non-mineralized	N-AML	0.02	<5	1			6			<20	0.08	10	<10	6	<10		
K-08-0170	E770941	136.86	139.07	QTZT	non-mineralized	N-AML	0.17	<5	1			7			<20	0.08	<10	<10	6	<10		
K-08-0170	E770942	139.07	141.29	QTZT	non-mineralized	N-AML	0.23	<5	3			92			<20	0.13	<10	<10	30	<10		
K-08-0170	E770943	141.29	144.33	GSCH	non-mineralized	P-AML	0.86	6	7			93			<20	0.25	<10	<10	75	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0170	E770944	144.33	147.32	GSCH	non-mineralized	N-AML	0.85	8	7			111			<20	0.24	<10	<10	94	<10		
K-08-0170	E770946	147.32	149.57	GSCH	non-mineralized	P-AML	0.75	10	10			120			<20	0.36	<10	<10	111	10		
K-08-0170	E770947	149.57	151.74	GSCH	non-mineralized	P-AML	0.48	<5	9			127			<20	0.33	<10	<10	101	<10		
K-08-0170	E770948	151.74	154.74	QTZT	non-mineralized	N-AML	0.23	<5	4			49			<20	0.17	<10	<10	41	<10		
K-08-0170	E770949	154.74	156.46	QTZT	non-mineralized	P-AML	0.43	8	5			69			<20	0.21	<10	<10	53	<10		
K-08-0170	E770951	156.46	158.19	QTZT	non-mineralized	P-AML	0.36	<5	3			16			<20	0.12	<10	<10	34	<10		
K-08-0170	E770952	158.19	159.5	QTZT	non-mineralized	P-AML	0.52	<5	4			34			<20	0.15	<10	<10	41	10		
K-08-0170	E770953	159.5	161.29	QTZT	non-mineralized	P-AML	0.3	<5	9			70			<20	0.3	10	<10	93	10		
K-08-0170	E770954	161.29	164.05	QTZT	non-mineralized	N-AML	0.49	11	14			139			<20	0.43	<10	<10	144	10		
K-08-0170	E770955	164.05	165.05	QTZT	non-mineralized	N-AML	0.89	13	8			148			<20	0.29	<10	<10	96	<10		
K-08-0170	E770956	165.05	166.04	QTZT	non-mineralized	N-AML	1.23	9	8			132			<20	0.3	<10	<10	88	10		
K-08-0170	E770957	166.04	167.18	QTZT	non-mineralized	P-AML	2.14	8	9			129			<20	0.32	10	<10	99	<10		
K-08-0170	E770958	167.18	167.48	QTZT	non-mineralized	N-AML	0.18	<5	1			6			<20	0.06	10	<10	9	<10		
K-08-0170	E770959	167.48	168.01	QTZT	non-mineralized	P-AML	0.28	<5	1			7			<20	0.07	<10	<10	11	10		
K-08-0170	E770961	168.01	169	QTZT	non-mineralized	N-AML	0.64	<5	3			73			<20	0.09	<10	<10	26	<10		
K-08-0170	E770962	169	170.38	QTZT	non-mineralized	P-AML	0.38	<5	2			22			<20	0.08	<10	10	17	<10		
K-08-0170	E770963	170.38	171.45	GSCH	non-mineralized	P-AML	1.53	<5	10			148			<20	0.38	<10	<10	114	<10		
K-08-0170	E770964	171.45	172.42	GSCH	non-mineralized	P-AML	1.92	5	7			91			<20	0.25	10	<10	71	10		
K-08-0170	E770965	172.42	173.43	GSCH	non-mineralized	P-AML	3.24	9	10			117			<20	0.38	<10	<10	121	<10		
K-08-0170	E770966	173.43	175.39	GSCH	non-mineralized	P-AML	1.51	7	6			71			<20	0.22	<10	<10	63	<10		
K-08-0170	E770967	175.39	178.4	QTZT	non-mineralized	N-AML	0.7	6	3			55			<20	0.12	<10	<10	27	<10		
K-08-0170	E770968	178.4	181.26	QTZT	non-mineralized	N-AML	0.72	6	3			140			<20	0.12	<10	<10	32	<10		
K-08-0170	E770969	181.26	184.28	QTZT	non-mineralized	N-AML	1.05	5	7			114			<20	0.26	<10	<10	72	<10		
K-08-0170	E770971	184.28	187	QTZT	non-mineralized	N-AML	1.05	8	7			109			<20	0.28	<10	<10	74	<10		
K-08-0170	E770972	187	189.42	QTZT	non-mineralized	N-AML	1.04	8	6			105			<20	0.2	<10	<10	59	<10		
K-08-0170	E770973	189.42	190.45	GSCH	non-mineralized	P-AML	1.73	10	16			196			<20	0.51	<10	<10	183	<10		
K-08-0170	E770975	190.45	191.47	GSCH	non-mineralized	N-AML	0.38	13	18			163			20	0.45	<10	<10	176	<10		
K-08-0170	E770976	191.47	192.47	GSCH	non-mineralized	N-AML	0.63	10	11			122			<20	0.34	<10	<10	141	<10		
K-08-0170	E770977	192.47	193.57	GSCH	non-mineralized	N-AML	0.35	6	5			126			<20	0.18	<10	<10	57	<10		
K-08-0170	E770978	193.57	194.18	GSCH	non-mineralized	N-AML	0.2	<5	1			9			<20	0.04	<10	<10	10	<10		
K-08-0170	E770980	194.18	195.17	GSCH	non-mineralized	N-AML	0.97	10	13			137			<20	0.39	<10	<10	163	<10		
K-08-0170	E770981	195.17	196.2	GSCH	non-mineralized	N-AML	0.48	8	6			64			<20	0.19	<10	<10	63	<10		
K-08-0170	E770982	196.2	197.2	GSCH	non-mineralized	N-AML	0.46	<5	9			85			<20	0.24	<10	<10	88	<10		
K-08-0170	E770983	197.2	198.2	GSCH	non-mineralized	P-AML	0.89	8	13			157			<20	0.44	10	<10	143	<10		
K-08-0170	E770984	198.2	199.2	QTZT	non-mineralized	N-AML	0.19	<5	4			46			<20	0.15	<10	<10	40	<10		
K-08-0170	E770986	199.2	200.3	QTZT	non-mineralized	N-AML	0.23	<5	2			25			<20	0.07	<10	<10	17	<10		
K-08-0170	E770987	200.3	201.2	QTZT	non-mineralized	N-AML	0.42	<5	2			56			<20	0.1	<10	<10	27	<10		
K-08-0170	E770988	201.2	202.22	QTZT	non-mineralized	N-AML	0.29	<5	1			29			<20	0.04	<10	<10	7	<10		
K-08-0170	E770990	202.22	203.11	QTZT	non-mineralized	P-AML	0.72	<5	4			64			<20	0.15	<10	<10	46	<10		
K-08-0170	E770991	203.11	203.91	QTZT	non-mineralized	N-AML	0.12	<5	1			21			<20	0.04	<10	<10	6	<10		
K-08-0170	E770992	203.91	204.26	QTZT	non-mineralized	N-AML	0.59	13	10			62			<20	0.32	<10	<10	120	<10		
K-08-0170	E770994	204.26	206.96	QTZT	non-mineralized	P-AML	0.41	29	5			46			<20	0.16	<10	<10	52	<10		
K-08-0170	E770995	206.96	210.01	QTZT	non-mineralized	P-AML	0.67	7	5			64			<20	0.19	<10	<10	59	<10		
K-08-0170	E770996	210.01	213.06	QTZT	non-mineralized	P-AML	1.02	17	6			46			<20	0.21	<10	<10	63	<10		
K-08-0170	E770997	213.06	215.85	QTZT	non-mineralized	P-AML	0.53	6	3			23			<20	0.12	<10	<10	43	<10		
K-08-0170	E770998	215.85	218.88	GSCH	non-mineralized	P-AML	1.78	11	12			120			<20	0.36	<10	<10	138	<10		
K-08-0170	E770999	218.88	221.81	GSCH	non-mineralized	N-AML	0.72	<5	5			39			<20	0.17	<10	<10	65	<10		
K-08-0170	E771000	221.81	224.47	GSCH	non-mineralized	N-AML	0.57	<5	5			85			<20	0.18	<10	<10	56	<10		
K-08-0170	E771001	224.47	227.43	QTZT	non-mineralized	P-AML	0.93	<5	2			32			<20	0.11	<10	<10	23	<10		
K-08-0170	E771002	227.43	230.4	QTZT	non-mineralized	N-AML	0.09	<5	6			65			<20	0.2	<10	<10	68	<10		
K-08-0170	E771003	230.4	233.44	QTZT	non-mineralized	P-AML	1.61	<5	8			117			<20	0.26	<10	<10	87	<10		
K-08-0170	E771004	233.44	236.37	QTZT	non-mineralized	N-AML	0.72	<5	2			64			<20	0.09	<10	<10	26	<10		
K-08-0170	E771005	236.37	239.34	QTZT	mineralized	P-AML	0.3	<5	1			64			<20	0.04	<10	<10	8	<10		
K-08-0170	E771007	239.34	242.95	QTZT	non-mineralized	N-AML	1.04	<5	4			68			<20	0.16	<10	<10	44	<10		
K-08-0170	E771008	242.95	245.23	QTZT	non-mineralized	N-AML	0.51	<5	5			155			<20	0.2	<10	<10	61	<10		
K-08-0170	E771009	245.23	247.13	QTZT	non-mineralized	N-AML	0.18	<5	1			11			<20	0.05	<10	<10	6	<10		
K-08-0170	E771010	247.13	249.08	QTZT	non-mineralized	N-AML	0.29	<5	1			16			<20	0.04	<10	<10	5	<10		
K-08-0170	E771012	249.08	252.68	QTZT	non-mineralized	N-AML	0.31	<5	1			54			<20	0.05	<10	<10	4	<10		
K-08-0170	E771013	252.68	255.73	QTZT	non-mineralized	P-AML	0.34	<5	2			28			<20	0.1	<10	<10	20	<10		
K-08-0170	E771014	255.73	258.78	QTZT	non-mineralized	N-AML	0.14	<5	1			7			<20	0.07	<10	<10	6	<10		
K-08-0171	E777955	9.14	11.28	QTZT	non-mineralized	N-AML	0.01	<5	1			20			<20	0.1	<10	<10	15	<10		
K-08-0171	E777956	11.28	14.33	QTZT	non-mineralized	N-AML	0.005	<5	4			47			<20	0.17	<10	<10	44	<10		
K-08-0171	E777957	14.33	17.37	QTZT	non-mineralized	N-AML	0.005	<5	1			6			<20	0.07	<10	<10	9	<10		
K-08-0171	E777959	17.37	20.42	QTZT	non-mineralized	N-AML	0.01	7	4			30			<20	0.16	<10	<10	42	<10		
K-08-0171	E777960	20.42	22.53	QTZT	non-mineralized	N-AML	0.01	<5	1			10			<20	0.06	<10	<10	6	<10		
K-08-0171	E777961	22.53	24.12	QTZT	non-mineralized	N-AML	0.005	<5	1			5			<20	0.08	<10	<10	5	<10		
K-08-0171	E777962	24.12	27.12	QTZT	non-mineralized	N-AML	0.005	7	22			51			<20	0.42	<10	<10	214	<10		
K-08-0171	E777963	27.12	29.57	QTZT	non-mineralized	N-AML	0.01	7	3			37			<20	0.1	<10	<10	34	<10		
K-08-0171	E777965	29.57	32.61	QTZT	non-mineralized	N-AML	0.01	7	10			101			<20	0.3	<10	<10	103	<10		
K-08-0171	E777966	32.61	35.66	QTZT	non-mineralized	N-AML	0.01	8	3			30			<20	0.12	<10	<10	34	<10		
K-08-0171	E777967	35.66	38.71	QTZT	non-mineralized	N-AML	0.01	11	4			48			<20	0.15	<10	<10	47	<10		
K-08-0171	E777968	38.71	41.76	QTZT	non-mineralized	N-AML	0.005	<5	1			11			<20	0.08	<10	<10	13	<10		
K-08-0171	E777969	41.76	44.81	QTZT	non-mineralized	N-AML	0.01	<5	5			59			<20	0.19	<10	<10	53	<10		
K-08-0171	E777970	44.81	47.85	QTZT	non-mineralized	N-AML	0.01	7	1			8			<20	0.08	<10	<10	8	<10		
K-08-0171	E777971	47.85	50.9	QTZT	non-mineralized	N-AML	0.01	10	4			34			<20	0.15	<10	<10	43	<10		
K-08-0171	E777972	50.9	53.95	QTZT	non-mineralized	N-AML	0.005	<5	1			9			<20	0.05	<10	<10	6	<10		
K-08-0171	E777974	53.95	57	QTZT	non-mineralized	N-AML	0.01	9	<1			6			<20	0.05	<10	<10	5	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0171	E777975	57	60.05	QTZT	non-mineralized	N-AML	0.01	8	2			17			<20	0.09	<10	<10	21	70		
K-08-0171	E777976	60.05	63.09	QTZT	non-mineralized	N-AML	0.03	10	3			27			<20	0.11	<10	<10	28	<10		
K-08-0171	E777978	63.09	66.14	QTZT	non-mineralized	N-AML	0.02	6	1			29			<20	0.06	<10	<10	16	<10		
K-08-0171	E777979	66.14	69.19	QTZT	non-mineralized	N-AML	0.01	31	6			37			<20	0.24	<10	<10	61	<10		
K-08-0171	E777980	69.19	72.24	QTZT	non-mineralized	N-AML	0.01	<5	2			27			<20	0.11	10	<10	30	<10		
K-08-0171	E777981	72.24	74.81	QTZT	non-mineralized	N-AML	0.02	13	8			86			<20	0.29	10	<10	88	<10		
K-08-0171	E777982	74.81	77.81	QTZT	non-mineralized	N-AML	0.01	18	2			23			<20	0.1	<10	<10	27	<10		
K-08-0171	E777983	77.81	79.62	QTZT	non-mineralized	N-AML	0.01	31	1			16			<20	0.09	<10	<10	15	<10		
K-08-0171	E777984	79.62	81.65	QTZT	non-mineralized	N-AML	0.02	9	2			51			<20	0.09	<10	<10	23	<10		
K-08-0171	E777985	81.65	83.4	GSCH	non-mineralized	N-AML	0.03	11	19			191			20	0.48	10	<10	191	<10		
K-08-0171	E777986	83.4	85.53	GSCH	non-mineralized	N-AML	0.03	9	9			94			<20	0.29	<10	<10	87	<10		
K-08-0171	E777988	85.53	88.29	GSCH	non-mineralized	N-AML	0.02	<5	2			19			<20	0.11	10	<10	19	<10		
K-08-0171	E777989	88.29	89.8	GSCH	non-mineralized	N-AML	0.02	5	18			142			<20	0.43	10	<10	167	<10		
K-08-0171	E777990	89.8	92.24	QTZT	non-mineralized	N-AML	0.1	7	7			74			<20	0.22	10	<10	77	<10		
K-08-0171	E777991	92.24	93.81	QTZT	non-mineralized	N-AML	0.19	6	13			158			<20	0.39	10	<10	128	<10		
K-08-0171	E777992	93.81	96.81	QTZT	non-mineralized	N-AML	0.01	<5	1			6			<20	0.1	<10	<10	9	<10		
K-08-0171	E777994	96.81	98.81	QTZT	non-mineralized	N-AML	0.07	9	9			126			<20	0.33	10	<10	96	<10		
K-08-0171	E777995	98.81	101.91	QTZT	non-mineralized	N-AML	0.06	<5	1			5			<20	0.09	<10	<10	7	<10		
K-08-0171	E777996	101.91	104.91	QTZT	non-mineralized	N-AML	0.02	<5	1			7			<20	0.07	<10	<10	5	<10		
K-08-0171	E777997	104.91	107.9	QTZT	non-mineralized	N-AML	0.01	5	<1			5			<20	0.07	<10	<10	4	<10		
K-08-0171	E777999	107.9	110.9	QTZT	non-mineralized	N-AML	0.01	<5	<1			6			<20	0.07	<10	<10	4	<10		
K-08-0171	E778020	155.59	157.58	CQTZT	non-mineralized	N-AML	0.02	<5	1			26			<20	0.03	<10	<10	4	<10		
K-08-0171	E778021	157.58	158.35	CQTZT	non-mineralized	N-AML	0.03	<5	1			28			<20	0.03	<10	<10	4	<10		
K-08-0171	E778000	110.9	112.37	QTZT	non-mineralized	N-AML	0.005	<5	<1			2			<20	0.07	<10	<10	5	<10		
K-08-0171	E778001	112.37	114.58	QTZT	non-mineralized	N-AML	0.02	<5	1			16			<20	0.09	<10	<10	11	<10		
K-08-0171	E778002	114.58	117.58	GSCH	non-mineralized	N-AML	0.06	5	7			86			<20	0.26	<10	<10	93	<10		
K-08-0171	E778003	117.58	120.58	QTZT	non-mineralized	N-AML	0.03	<5	1			16			<20	0.1	<10	<10	10	<10		
K-08-0171	E778004	120.58	123.54	QTZT	non-mineralized	N-AML	0.08	7	4			68			<20	0.19	<10	<10	39	<10		
K-08-0171	E778005	123.54	126.54	GSCH	non-mineralized	N-AML	0.58	5	9			245			<20	0.33	<10	<10	98	<10		
K-08-0171	E778006	126.54	129.54	GSCH	non-mineralized	N-AML	1	5	8			164			<20	0.28	<10	<10	86	<10		
K-08-0171	E778008	129.54	132.54	GSCH	non-mineralized	N-AML	0.36	<5	7			124			<20	0.26	<10	<10	76	<10		
K-08-0171	E778009	132.54	133.69	GSCH	non-mineralized	P-AML	0.3	10	9			145			<20	0.35	<10	<10	97	<10		
K-08-0171	E778010	133.69	136.25	QTZT	non-mineralized	N-AML	0.06	<5	1			9			<20	0.1	<10	<10	9	<10		
K-08-0171	E778011	136.25	139.29	QTZT	non-mineralized	N-AML	0.02	<5	<1			6			<20	0.07	<10	<10	4	<10		
K-08-0171	E778012	139.29	142.34	QTZT	non-mineralized	N-AML	0.1	<5	1			15			<20	0.08	<10	<10	11	<10		
K-08-0171	E778014	142.34	145.39	QTZT	non-mineralized	N-AML	0.07	<5	2			25			<20	0.11	<10	<10	21	10		
K-08-0171	E778015	145.39	148.44	QTZT	non-mineralized	N-AML	0.01	<5	1			4			<20	0.08	<10	<10	5	<10		
K-08-0171	E778016	148.44	151.49	QTZT	non-mineralized	N-AML	0.01	<5	1			5			<20	0.09	<10	<10	5	<10		
K-08-0171	E778018	151.49	154.53	QTZT	non-mineralized	N-AML	0.03	5	1			7			<20	0.07	<10	<10	5	<10		
K-08-0171	E778019	154.53	155.59	QTZT	non-mineralized	N-AML	0.005	<5	1			6			<20	0.08	<10	<10	6	<10		
K-08-0171	E778022	158.35	160.63	QTZT	non-mineralized	N-AML	0.1	<5	2			41			<20	0.1	<10	<10	24	<10		
K-08-0171	E778023	160.63	162.91	QTZT	non-mineralized	P-AML	0.91	18	8			105			<20	0.24	<10	<10	82	<10		
K-08-0171	E778024	162.91	164.6	QTZT	non-mineralized	P-AML	0.53	<5	10			103			<20	0.25	<10	<10	92	<10		
K-08-0171	E778025	164.6	166.73	QTZT	non-mineralized	N-AML	0.06	<5	1			11			<20	0.07	<10	<10	7	<10		
K-08-0171	E778027	166.73	169.77	QTZT	non-mineralized	N-AML	0.04	<5	1			10			<20	0.06	<10	<10	8	<10		
K-08-0171	E778028	169.77	172.82	QTZT	non-mineralized	N-AML	0.05	<5	1			14			<20	0.09	<10	<10	15	<10		
K-08-0171	E778029	172.82	175.29	QTZT	non-mineralized	N-AML	0.1	<5	2			25			<20	0.08	<10	<10	19	<10		
K-08-0171	E778030	175.29	178.29	QTZT	non-mineralized	N-AML	0.58	<5	4			67			<20	0.12	<10	<10	40	<10		
K-08-0171	E778031	178.29	179.7	QTZT	non-mineralized	N-AML	0.79	<5	11			171			<20	0.28	<10	<10	112	<10		
K-08-0171	E778032	179.7	181.72	QTZT	non-mineralized	N-AML	0.27	<5	2			63			<20	0.06	<10	<10	17	<10		
K-08-0171	E778034	181.72	184.72	GSCH	non-mineralized	N-AML	1.02	<5	11			164			<20	0.32	<10	<10	120	<10		
K-08-0171	E778035	184.72	186.32	GSCH	non-mineralized	N-AML	1.13	<5	10			140			<20	0.34	<10	<10	111	<10		
K-08-0171	E778037	186.32	188.93	QTZT	non-mineralized	N-AML	0.12	<5	1			26			<20	0.06	<10	<10	7	<10		
K-08-0171	E778038	188.93	191.11	QTZT	non-mineralized	N-AML	1.45	12	9			82			<20	0.31	<10	<10	108	<10		
K-08-0171	E778039	191.11	191.66	QTZT	non-mineralized	P-AML	0.28	<5	3			22			<20	0.13	<10	<10	32	<10		
K-08-0171	E778040	191.66	192.15	QTZT	non-mineralized	N-AML	0.12	<5	1			6			<20	0.05	<10	<10	5	<10		
K-08-0171	E778041	192.15	192.86	QTZT	non-mineralized	N-AML	0.21	<5	1			47			<20	0.05	<10	<10	10	<10		
K-08-0171	E778043	192.86	194.16	QTZT	non-mineralized	N-AML	0.2	<5	1			14			<20	0.07	<10	<10	11	<10		
K-08-0171	E778044	194.16	196.05	QTZT	non-mineralized	P-AML	0.52	<5	1			14			<20	0.06	<10	<10	11	<10		
K-08-0171	E778045	196.05	199.02	QTZT	non-mineralized	N-AML	0.82	6	5			81			<20	0.19	<10	<10	54	<10		
K-08-0171	E778046	199.02	200.25	QTZT	non-mineralized	N-AML	0.17	<5	1			8			<20	0.05	<10	<10	6	<10		
K-08-0171	E778047	200.25	203.3	QTZT	non-mineralized	N-AML	0.13	<5	1			7			<20	0.06	<10	<10	5	<10		
K-08-0171	E778049	203.3	206.35	QTZT	non-mineralized	N-AML	0.14	<5	1			6			<20	0.06	<10	<10	5	<10		
K-08-0171	E778050	206.35	209.4	QTZT	non-mineralized	N-AML	0.22	<5	1			12			<20	0.06	<10	<10	5	<10		
K-08-0171	E778051	209.4	212.45	QTZT	non-mineralized	N-AML	0.27	<5	1			23			<20	0.07	<10	<10	13	<10		
K-08-0171	E778052	212.45	215.49	QTZT	non-mineralized	N-AML	0.19	<5	1			8			<20	0.07	<10	<10	6	<10		
K-08-0171	E778053	215.49	218.54	QTZT	non-mineralized	N-AML	0.18	<5	1			12			<20	0.06	<10	<10	8	<10		
K-08-0171	E778054	218.54	221.07	QTZT	non-mineralized	N-AML	0.2	<5	1			9			<20	0.06	<10	<10	5	<10		
K-08-0171	E778056	221.07	224.07	QTZT	non-mineralized	N-AML	0.7	<5	4			60			<20	0.15	<10	<10	47	<10		
K-08-0171	E778057	224.07	227.07	QTZT	non-mineralized	P-AML	0.29	<5	6			92			<20	0.24	<10	<10	71	<10		
K-08-0171	E778058	227.07	228.26	QTZT	non-mineralized	P-AML	0.28	<5	5			60			<20	0.18	<10	<10	48	<10		
K-08-0171	E778059	228.26	230.73	QTZT	non-mineralized	N-AML	0.51	<5	2			25			<20	0.08	<10	<10	25	<10		
K-08-0171	E778060	230.73	233.78	QTZT	non-mineralized	N-AML	0.65	<5	2			69			<20	0.08	<10	<10	19	<10		
K-08-0171	E778061	233.78	236.83	QTZT	non-mineralized	N-AML	1.29	6	5			73			<20	0.21	<10	<10	63	<10		
K-08-0171	E778062	236.83	239.88	QTZT	non-mineralized	N-AML	1.27	<5	4			83			<20	0.17	<10	<10	51	<10		
K-08-0171	E778063	239.88	242.93	QTZT	non-mineralized	N-AML	0.77	<5	2			68			<20	0.07	<10	<10	17	<10		
K-08-0171	E778064	242.93	244.75	QTZT	non-mineralized	P-AML	1.88	7	5			61			<20	0.18	<10	<10	59	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0172	E754741	6.1	9	QTZT	non-mineralized	N-AML	0.01	<5	1			10			<20	0.09	<10	<10	13	<10		
K-08-0172	E754742	9	11	QTZT	non-mineralized	N-AML	0.005	<5	1			10			<20	0.08	<10	<10	6	<10		
K-08-0172	E754743	11	12.8	QTZT	non-mineralized	N-AML	0.01	<5	3			23			<20	0.14	<10	<10	33	<10		
K-08-0172	E754745	12.8	15.42	GSCH	non-mineralized	N-AML	0.005	5	14			88			<20	0.35	<10	<10	126	<10		
K-08-0172	E754746	15.42	17.12	QTZT	non-mineralized	N-AML	0.005	<5	15			24			<20	0.39	<10	<10	143	<10		
K-08-0172	E754747	17.12	17.55	GSCH	non-mineralized	N-AML	0.02	8	24			354			20	0.67	<10	<10	309	<10		
K-08-0172	E754748	17.55	18.34	QTZT	non-mineralized	N-AML	0.01	<5	28			95			<20	0.4	<10	<10	256	<10		
K-08-0172	E754749	18.34	20	QTZT	non-mineralized	N-AML	0.01	<5	1			9			<20	0.1	<10	<10	8	<10		
K-08-0172	E754751	20	21.8	QTZT	non-mineralized	N-AML	0.005	<5	1			9			<20	0.08	<10	<10	7	<10		
K-08-0172	E754752	21.8	24.8	QTZT	non-mineralized	N-AML	0.005	<5	2			36			<20	0.11	<10	<10	24	<10		
K-08-0172	E754753	24.8	27.45	QTZT	non-mineralized	N-AML	0.01	8	7			62			<20	0.24	<10	<10	68	<10		
K-08-0172	E754755	27.45	30.4	QTZT	non-mineralized	N-AML	0.005	<5	1			10			<20	0.08	<10	<10	7	<10		
K-08-0172	E754756	30.4	33.53	QTZT	non-mineralized	N-AML	0.005	<5	1			14			<20	0.09	<10	<10	5	<10		
K-08-0172	E754757	33.53	36	QTZT	non-mineralized	N-AML	0.02	5	<1			6			<20	0.08	<10	<10	5	<10		
K-08-0172	E754758	36	39	QTZT	non-mineralized	N-AML	0.01	<5	2			21			<20	0.09	<10	<10	22	<10		
K-08-0172	E754759	39	42	QTZT	non-mineralized	N-AML	0.02	<5	4			56			<20	0.19	<10	<10	43	<10		
K-08-0172	E754760	42	45	QTZT	non-mineralized	N-AML	0.01	14	5			41			<20	0.2	<10	<10	54	<10		
K-08-0172	E754761	45	48	QTZT	non-mineralized	N-AML	0.005	<5	<1			5			<20	0.06	<10	<10	4	<10		
K-08-0172	E754762	48	51	QTZT	non-mineralized	N-AML	0.005	<5	1			4			<20	0.07	<10	<10	5	<10		
K-08-0172	E754763	51	52.74	QTZT	non-mineralized	N-AML	0.01	<5	2			13			<20	0.08	<10	<10	16	<10		
K-08-0172	E754765	52.74	55.74	QTZT	non-mineralized	N-AML	0.02	<5	8			99			<20	0.27	<10	<10	82	<10		
K-08-0172	E754766	55.74	58.74	QTZT	non-mineralized	N-AML	0.02	<5	6			71			<20	0.24	<10	<10	65	<10		
K-08-0172	E754767	58.74	61.19	QTZT	non-mineralized	N-AML	0.01	<5	4			47			<20	0.15	<10	<10	37	<10		
K-08-0172	E754769	61.19	63.8	QTZT	non-mineralized	N-AML	0.03	<5	1			22			<20	0.07	<10	<10	9	<10		
K-08-0172	E754770	63.8	64.85	GSCH	non-mineralized	N-AML	0.03	<5	9			233			<20	0.28	<10	<10	105	<10		
K-08-0172	E754771	64.85	67.85	QTZT	non-mineralized	N-AML	0.02	<5	2			29			<20	0.11	<10	<10	24	<10		
K-08-0172	E754772	67.85	70.85	QTZT	non-mineralized	N-AML	0.01	<5	4			36			<20	0.15	<10	<10	37	<10		
K-08-0172	E754774	70.85	73.85	QTZT	non-mineralized	N-AML	0.04	<5	7			90			<20	0.21	<10	<10	69	<10		
K-08-0172	E754775	73.85	76.2	GSCH	non-mineralized	N-AML	0.09	<5	11			118			<20	0.26	<10	<10	102	<10		
K-08-0172	E754776	76.2	79.24	GSCH	non-mineralized	N-AML	0.04	<5	16			201			<20	0.39	<10	<10	154	<10		
K-08-0172	E754777	79.24	82.24	GSCH	non-mineralized	P-AML	0.25	<5	17			235			<20	0.4	<10	<10	170	<10		
K-08-0172	E754778	82.24	85	GSCH	non-mineralized	N-AML	0.12	<5	17			225			<20	0.44	<10	<10	181	<10		
K-08-0172	E754779	85	87.4	GSCH	non-mineralized	N-AML	0.21	<5	18			209			20	0.39	<10	<10	178	<10		
K-08-0172	E754780	87.4	90.4	QTZT	non-mineralized	N-AML	0.16	<5	2			97			<20	0.09	<10	<10	22	<10		
K-08-0172	E754781	90.4	93.4	QTZT	mineralized	P-AML	0.07	<5	2			30			<20	0.13	<10	<10	28	<10		
K-08-0172	E754782	93.4	96.4	QTZT	mineralized	P-AML	0.03	<5	1			10			<20	0.07	<10	<10	5	<10		
K-08-0172	E754783	96.4	99.4	QTZT	mineralized	P-AML	0.05	<5	1			9			<20	0.07	<10	<10	7	<10		
K-08-0172	E754785	99.4	102.4	QTZT	mineralized	P-AML	0.03	<5	1			8			<20	0.1	<10	<10	10	<10		
K-08-0172	E754786	102.4	105.4	QTZT	mineralized	P-AML	0.01	<5	1			15			<20	0.08	<10	<10	10	<10		
K-08-0172	E754787	105.4	107.45	QTZT	non-mineralized	N-AML	0.03	<5	3			84			<20	0.15	<10	<10	32	<10		
K-08-0172	E754789	107.45	108.75	QTZT	non-mineralized	N-AML	0.03	<5	1			20			<20	0.1	<10	<10	17	10		
K-08-0172	E754790	108.75	109.85	QTZT	non-mineralized	P-AML	0.39	8	11			134			<20	0.38	<10	<10	114	<10		
K-08-0172	E754811	151.79	152.23	GNST	non-mineralized	N-AML	0.21	<5	27			152			<20	1.02	<10	<10	308	<10		
K-08-0172	E754791	109.85	112.85	GSCH	non-mineralized	N-AML	0.01	<5	1			8			<20	0.08	<10	<10	6	<10		
K-08-0172	E754792	112.85	115.85	QTZT	non-mineralized	N-AML	0.02	<5	<1			7			<20	0.08	<10	<10	5	<10		
K-08-0172	E754793	115.85	118.85	QTZT	non-mineralized	N-AML	0.08	<5	1			13			<20	0.09	<10	<10	15	<10		
K-08-0172	E754794	118.85	120.38	QTZT	non-mineralized	N-AML	0.17	<5	2			46			<20	0.1	<10	<10	27	<10		
K-08-0172	E754796	120.38	123.38	QTZT	non-mineralized	N-AML	0.13	<5	10			114			<20	0.27	<10	<10	98	<10		
K-08-0172	E754797	123.38	125.95	QTZT	non-mineralized	N-AML	0.13	<5	4			113			<20	0.17	<10	<10	47	<10		
K-08-0172	E754798	125.95	129	GSCH	non-mineralized	N-AML	0.22	<5	16			227			20	0.48	<10	<10	164	<10		
K-08-0172	E754820	173.25	176.25	CQTZT	non-mineralized	N-AML	0.44	<5	1			87			<20	0.07	<10	<10	15	<10		
K-08-0172	E754799	129	131.29	GSCH	non-mineralized	N-AML	0.34	<5	18			244			<20	0.46	<10	<10	181	<10		
K-08-0172	E754800	131.29	133	GSCH	non-mineralized	P-AML	1.06	<5	18			199			<20	0.45	<10	<10	177	<10		
K-08-0172	E754801	133	136	QTZT	non-mineralized	N-AML	0.71	<5	10			136			<20	0.25	<10	<10	89	<10		
K-08-0172	E754802	136	139	QTZT	non-mineralized	N-AML	0.24	<5	3			28			<20	0.12	<10	<10	28	<10		
K-08-0172	E754803	139	142	QTZT	non-mineralized	N-AML	0.27	<5	3			57			<20	0.12	<10	<10	32	<10		
K-08-0172	E754805	142	145	QTZT	non-mineralized	N-AML	0.2	<5	2			36			<20	0.1	<10	<10	20	<10		
K-08-0172	E754806	145	145.96	QTZT	non-mineralized	N-AML	0.18	<5	1			42			<20	0.08	<10	<10	15	<10		
K-08-0172	E754807	145.96	146.85	GSCH	non-mineralized	P-AML	1.2	<5	15			202			20	0.45	<10	<10	156	<10		
K-08-0172	E754808	146.85	149.85	QTZT	non-mineralized	N-AML	0.16	<5	2			26			<20	0.12	<10	<10	22	<10		
K-08-0172	E754810	149.85	151.79	QTZT	non-mineralized	N-AML	0.26	<5	6			87			<20	0.23	<10	<10	66	<10		
K-08-0172	E754812	152.23	155.23	QTZT	non-mineralized	P-AML	0.56	<5	6			107			<20	0.23	<10	<10	61	<10		
K-08-0172	E754813	155.23	158.23	QTZT	non-mineralized	N-AML	0.67	5	10			110			<20	0.31	<10	<10	112	<10		
K-08-0172	E754814	158.23	161.25	GSCH	non-mineralized	P-AML	0.67	6	11			179			<20	0.36	<10	<10	126	10		
K-08-0172	E754816	161.25	164.25	GSCH	non-mineralized	N-AML	0.52	<5	8			119			<20	0.27	<10	<10	96	<10		
K-08-0172	E754817	164.25	167.25	QTZT	non-mineralized	P-AML	0.41	<5	3			51			<20	0.13	<10	<10	39	<10		
K-08-0172	E754818	167.25	170.25	QTZT	non-mineralized	P-AML	0.54	<5	3			56			<20	0.15	<10	<10	41	<10		
K-08-0172	E754819	170.25	173.25	QTZT	non-mineralized	N-AML	0.4	<5	2			55			<20	0.07	<10	<10	19	<10		
K-08-0172	E754821	176.25	178.27	QTZT	non-mineralized	N-AML	0.19	<5	2			37			<20	0.11	<10	<10	24	<10		
K-08-0172	E754822	178.27	179.18	GSCH	non-mineralized	P-AML	0.7	<5	11			189			<20	0.34	<10	<10	144	<10		
K-08-0172	E754824	179.18	182	QTZT	non-mineralized	N-AML	0.72	<5	3			171			<20	0.1	<10	<10	33	<10		
K-08-0172	E754825	182	185	QTZT	non-mineralized	N-AML	0.51	<5	3			92			<20	0.12	<10	<10	33	<10		
K-08-0172	E754826	185	187.53	QTZT	non-mineralized	N-AML	0.21	<5	2			18			<20	0.09	<10	<10	19	<10		
K-08-0172	E754827	187.53	189.41	QTZT	non-mineralized	N-AML	0.07	<5	1			32			<20	0.03	<10	<10	5	<10		
K-08-0172	E754828	189.41	192.41	QTZT	non-mineralized	N-AML	0.05	<5	1			23			<20	0.05	10	<10	8	<10		
K-08-0172	E754829	192.41	195.41	QTZT	non-mineralized	N-AML	0.05	<5	1			31			<20	0.04	<10	<10	5	<10		
K-08-0172	E754831	195.41	197.6	QTZT	non-mineralized	N-AML	0.06	<5	1			27			<20	0.06	<10	<10	11	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0172	E754832	197.6	199.55	QTZT	non-mineralized	P-AML	0.62	<5	5			97			<20	0.21	<10	<10	65	<10		
K-08-0172	E754833	199.55	202.55	QTZT	non-mineralized	P-AML	0.27	<5	2			34			<20	0.09	<10	<10	19	<10		
K-08-0172	E754834	202.55	206	QTZT	non-mineralized	N-AML	0.09	<5	1			12			<20	0.05	<10	<10	4	<10		
K-08-0172	E754855	248	250	CQTZT	non-mineralized	N-AML	0.48	<5	1			178			<20	0.05	<10	<10	10	<10		
K-08-0172	E754857	250	252	CQTZT	non-mineralized	N-AML	0.36	<5	1			174			<20	0.04	<10	<10	8	<10		
K-08-0172	E754836	206	208.81	QTZT	non-mineralized	N-AML	0.18	<5	1			22			<20	0.06	<10	<10	7	<10		
K-08-0172	E754837	208.81	211.81	GSCH	non-mineralized	P-AML	1.5	<5	13			170			<20	0.4	<10	<10	142	<10		
K-08-0172	E754838	211.81	214.81	GSCH	non-mineralized	P-AML	2.04	<5	9			145			<20	0.3	<10	<10	102	<10		
K-08-0172	E754839	214.81	216.9	GSCH	non-mineralized	N-AML	0.98	<5	5			49			<20	0.17	<10	<10	49	<10		
K-08-0172	E754840	216.9	219.7	GSCH	non-mineralized	P-AML	1.34	5	9			85			<20	0.26	<10	<10	116	<10		
K-08-0172	E754841	219.7	221	GSCH	non-mineralized	N-AML	0.38	<5	4			49			<20	0.14	<10	<10	52	<10		
K-08-0172	E754842	221	221.36	GSCH	non-mineralized	N-AML	0.11	<5	1			18			<20	0.06	<10	<10	20	20		
K-08-0172	E754867	265.68	267.35	GNST	non-mineralized	N-AML	0.17	<5	26			305			<20	0.74	<10	<10	262	<10		
K-08-0172	E754843	221.36	224.36	QTZT	non-mineralized	P-AML	0.28	<5	3			41			<20	0.13	<10	<10	37	<10		
K-08-0172	E754844	224.36	227.36	QTZT	non-mineralized	N-AML	0.07	<5	1			7			<20	0.06	<10	<10	8	<10		
K-08-0172	E754845	227.36	230.36	QTZT	non-mineralized	P-AML	0.27	<5	3			26			<20	0.14	<10	<10	41	<10		
K-08-0172	E754847	230.36	233.36	QTZT	non-mineralized	N-AML	0.06	<5	1			5			<20	0.06	<10	<10	5	<10		
K-08-0172	E754848	233.36	236.36	QTZT	non-mineralized	N-AML	0.07	<5	1			7			<20	0.06	<10	<10	6	<10		
K-08-0172	E754849	236.36	239.36	QTZT	non-mineralized	N-AML	0.12	<5	1			12			<20	0.07	<10	<10	8	<10		
K-08-0172	E754850	239.36	242.36	QTZT	non-mineralized	P-AML	0.59	<5	4			56			<20	0.16	<10	<10	52	<10		
K-08-0172	E754852	242.36	244.98	QTZT	non-mineralized	P-AML	0.64	<5	3			41			<20	0.12	<10	<10	45	<10		
K-08-0172	E754853	244.98	246	QTZT	non-mineralized	P-AML	2.25	<5	12			168			<20	0.36	<10	<10	192	<10		
K-08-0172	E754854	246	248	QTZT	non-mineralized	P-AML	0.45	<5	2			40			<20	0.09	<10	<10	19	<10		
K-08-0172	E754858	252	255	QTZT	non-mineralized	N-AML	0.95	<5	3			66			<20	0.12	<10	<10	33	<10		
K-08-0172	E754859	255	258	QTZT	non-mineralized	N-AML	0.42	<5	2			40			<20	0.1	<10	<10	21	<10		
K-08-0172	E754860	258	260	QTZT	non-mineralized	N-AML	0.56	<5	3			74			<20	0.13	<10	<10	38	<10		
K-08-0172	E754861	260	262.75	QTZT	non-mineralized	N-AML	0.35	<5	3			54			<20	0.12	<10	<10	31	<10		
K-08-0172	E754862	262.75	263.4	QTZT	non-mineralized	P-AML	1.07	13	7			61			<20	0.26	<10	<10	82	<10		
K-08-0172	E754863	263.4	264.72	QTZT	non-mineralized	N-AML	0.62	<5	4			49			<20	0.13	<10	<10	38	<10		
K-08-0172	E754865	264.72	265.68	QTZT	non-mineralized	P-AML	0.41	<5	3			27			<20	0.14	<10	<10	40	<10		
K-08-0172	E754868	267.35	270	QTZT	non-mineralized	P-AML	0.47	<5	1			21			<20	0.07	<10	<10	12	<10		
K-08-0172	E754869	270	272.2	QTZT	non-mineralized	N-AML	0.6	<5	2			42			<20	0.1	<10	<10	34	<10		
K-08-0172	E754870	272.2	274.21	QTZT	non-mineralized	P-AML	0.43	<5	2			17			<20	0.08	<10	<10	22	<10		
K-08-0172	E754871	274.21	277.21	GSCH	non-mineralized	N-AML	1.14	<5	9			65			<20	0.27	<10	<10	121	<10		
K-08-0172	E754873	277.21	279.81	GSCH	non-mineralized	P-AML	0.63	<5	6			69			<20	0.21	<10	<10	66	<10		
K-08-0172	E754874	279.81	281.58	GSCH	non-mineralized	P-AML	1.42	<5	10			127			<20	0.34	<10	<10	114	<10		
K-08-0172	E754875	281.58	283.65	QTZT	non-mineralized	N-AML	0.12	<5	1			17			<20	0.05	<10	<10	6	<10		
K-08-0172	E754876	283.65	285.8	QTZT	non-mineralized	N-AML	0.1	<5	1			20			<20	0.05	<10	<10	7	<10		
K-08-0172	E754877	285.8	287.8	QTZT	non-mineralized	N-AML	1.29	<5	7			112			<20	0.24	<10	<10	74	<10		
K-08-0172	E754878	287.8	290	QTZT	non-mineralized	P-AML	0.34	<5	1			19			<20	0.07	<10	<10	14	<10		
K-08-0172	E754879	290	292	QTZT	non-mineralized	N-AML	0.32	<5	3			57			<20	0.12	<10	<10	34	<10		
K-08-0173	E771015	4.57	7	QTZT	mineralized	P-AML	0.01	<5	1			12			<20	0.07	<10	<10	8	<10		
K-08-0173	E771016	7	10.02	QTZT	non-mineralized	N-AML	0.01	<5	1			12			<20	0.05	<10	<10	9	<10		
K-08-0173	E771017	10.02	12.27	QTZT	mineralized	P-AML	0.01	<5	1			4			<20	0.05	10	<10	7	<10		
K-08-0173	E771019	12.27	14.69	QTZT	non-mineralized	N-AML	0.03	<5	1			21			<20	0.07	<10	<10	15	<10		
K-08-0173	E771020	14.69	17.37	QTZT	non-mineralized	N-AML	0.05	<5	7			85			<20	0.21	<10	<10	79	<10		
K-08-0173	E771021	17.37	20	QTZT	non-mineralized	N-AML	0.01	<5	1			9			<20	0.07	<10	<10	12	<10		
K-08-0173	E771022	20	22.65	QTZT	non-mineralized	N-AML	0.03	<5	6			117			<20	0.2	<10	<10	58	<10		
K-08-0173	E771024	22.65	25.43	QTZT	non-mineralized	N-AML	0.01	<5	1			29			<20	0.1	<10	<10	16	<10		
K-08-0173	E771025	25.43	27.42	QTZT	non-mineralized	N-AML	0.01	<5	1			21			<20	0.07	<10	<10	11	<10		
K-08-0173	E771027	27.42	29.15	QTZT	non-mineralized	N-AML	0.02	6	1			10			<20	0.05	<10	<10	9	10		
K-08-0173	E771028	29.15	33.14	QTZT	non-mineralized	N-AML	0.02	<5	9			119			<20	0.19	<10	<10	108	<10		
K-08-0173	E771029	33.14	36.15	QTZT	non-mineralized	N-AML	0.05	<5	6			118			<20	0.19	<10	<10	59	<10		
K-08-0173	E771030	36.15	39.13	QTZT	non-mineralized	N-AML	0.01	<5	2			21			<20	0.08	<10	<10	20	<10		
K-08-0173	E771031	39.13	42.13	QTZT	non-mineralized	N-AML	0.01	<5	1			7			<20	0.08	<10	<10	9	<10		
K-08-0173	E771032	42.13	45.2	QTZT	non-mineralized	N-AML	0.01	<5	2			24			<20	0.1	<10	<10	25	<10		
K-08-0173	E771033	45.2	48.28	QTZT	non-mineralized	N-AML	0.01	<5	3			50			<20	0.1	<10	<10	33	10		
K-08-0173	E771034	48.28	49.55	GSCH	non-mineralized	N-AML	0.03	6	10			94			<20	0.19	10	<10	114	<10		
K-08-0173	E771035	49.55	52.07	GSCH	non-mineralized	N-AML	0.03	<5	9			93			<20	0.18	<10	<10	101	<10		
K-08-0173	E771037	52.07	55.2	QTZT	non-mineralized	N-AML	0.01	<5	2			26			<20	0.1	10	<10	21	<10		
K-08-0173	E771038	55.2	56.43	QTZT	mineralized	P-AML	0.01	<5	1			11			<20	0.07	10	<10	8	<10		
K-08-0173	E771039	56.43	58.52	QTZT	non-mineralized	N-AML	0.01	<5	1			7			<20	0.07	<10	<10	6	<10		
K-08-0173	E771040	58.52	61.5	QTZT	non-mineralized	N-AML	0.03	<5	4			55			<20	0.14	<10	<10	44	<10		
K-08-0173	E771041	61.5	64.51	QTZT	non-mineralized	N-AML	0.02	<5	1			12			<20	0.06	<10	<10	9	<10		
K-08-0173	E771042	64.51	67.5	QTZT	non-mineralized	N-AML	0.03	<5	1			10			<20	0.06	<10	<10	6	<10		
K-08-0173	E771044	67.5	70.12	QTZT	non-mineralized	N-AML	0.09	<5	1			20			<20	0.09	<10	<10	10	<10		
K-08-0173	E771045	70.12	72.02	GSCH	non-mineralized	N-AML	0.39	<5	13			154			<20	0.41	<10	<10	141	10		
K-08-0173	E771066	112.98	113.07	SSCH	mineralized	P-AML	0.18	<5	27			151			<20	0.7	<10	<10	257	<10		
K-08-0173	E771046	72.02	73.92	GSCH	non-mineralized	N-AML	0.29	<5	13			152			<20	0.42	<10	<10	145	<10		
K-08-0173	E771047	73.92	76.92	QTZT	non-mineralized	N-AML	0.03	<5	1			15			<20	0.09	<10	<10	12	<10		
K-08-0173	E771049	76.92	79.94	QTZT	non-mineralized	N-AML	0.03	<5	1			8			<20	0.07	<10	<10	6	<10		
K-08-0173	E771050	79.94	81.2	QTZT	non-mineralized	N-AML	0.04	<5	1			9			<20	0.07	<10	<10	6	<10		
K-08-0173	E771051	81.2	82.92	QTZT	non-mineralized	N-AML	0.05	<5	1			9			<20	0.07	<10	<10	7	<10		
K-08-0173	E771052	82.92	84.71	QTZT	non-mineralized	P-AML	0.26	<5	1			11			<20	0.07	<10	<10	9	<10		
K-08-0173	E771053	84.71	87.69	QTZT	non-mineralized	N-AML	0.52	<5	6			100			<20	0.22	<10	<10	66	<10		
K-08-0173	E771054	87.69	90.21	QTZT	non-mineralized	N-AML	0.27	<5	4			72			<20	0.14	<10	<10	39	<10		
K-08-0173	E771055	90.21	92.48	QTZT	non-mineralized	N-AML	0.21	<5	2			35			<20	0.09	<10	<10	20	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0173	E771056	92.48	94.81	QTZT	non-mineralized	N-AML	0.12	<5	1			24			<20	0.07	<10	<10	8	<10		
K-08-0173	E771057	94.81	95.28	GSCH	non-mineralized	P-AML	1.52	<5	11			288			<20	0.37	<10	<10	129	<10		
K-08-0173	E771058	95.28	98.27	GSCH	non-mineralized	P-AML	1.74	<5	13			231			<20	0.41	<10	<10	143	<10		
K-08-0173	E771060	98.27	101.29	GSCH	non-mineralized	P-AML	1.52	<5	14			179			20	0.41	<10	<10	147	<10		
K-08-0173	E771061	101.29	104.3	QTZT	non-mineralized	N-AML	0.37	<5	5			84			<20	0.17	<10	<10	50	<10		
K-08-0173	E771062	104.3	107.3	QTZT	mineralized	P-AML	0.22	<5	3			59			<20	0.14	<10	<10	37	<10		
K-08-0173	E771063	107.3	110.27	QTZT	non-mineralized	N-AML	0.71	<5	2			94			<20	0.15	<10	<10	34	<10		
K-08-0173	E771065	110.27	112.98	QTZT	non-mineralized	N-AML	0.65	<5	7			96			<20	0.23	<10	<10	76	<10		
K-08-0173	E771067	113.07	116.08	QTZT	non-mineralized	N-AML	0.51	<5	6			92			<20	0.21	<10	<10	62	<10		
K-08-0173	E771068	116.08	119.09	QTZT	non-mineralized	N-AML	0.52	7	6			145			<20	0.21	<10	<10	65	<10		
K-08-0173	E771070	119.09	122.1	QTZT	non-mineralized	N-AML	0.59	<5	3			48			<20	0.13	<10	<10	32	<10		
K-08-0173	E771071	122.1	125.1	QTZT	non-mineralized	N-AML	0.37	<5	3			30			<20	0.11	<10	<10	28	<10		
K-08-0173	E771072	125.1	128.1	QTZT	non-mineralized	N-AML	0.17	<5	1			17			<20	0.06	<10	<10	8	<10		
K-08-0173	E771073	128.1	131.1	QTZT	non-mineralized	N-AML	0.38	<5	3			32			<20	0.09	<10	<10	25	<10		
K-08-0173	E771075	131.1	133.85	QTZT	non-mineralized	N-AML	0.62	<5	5			63			<20	0.18	<10	<10	61	<10		
K-08-0173	E771076	133.85	135.4	QTZT	non-mineralized	P-AML	0.38	<5	4			40			<20	0.15	<10	<10	41	<10		
K-08-0173	E771077	135.4	138.38	QTZT	non-mineralized	N-AML	0.08	<5	1			11			<20	0.08	<10	<10	6	<10		
K-08-0173	E771078	138.38	141.43	QTZT	non-mineralized	N-AML	0.33	<5	4			43			<20	0.15	<10	<10	36	<10		
K-08-0173	E771079	141.43	142.34	QTZT	non-mineralized	N-AML	0.31	<5	5			50			<20	0.17	<10	<10	50	<10		
K-08-0173	E771080	142.34	143.32	QTZT	non-mineralized	N-AML	0.27	<5	5			80			<20	0.17	<10	<10	51	<10		
K-08-0173	E771081	143.32	144.34	QTZT	mineralized	P-AML	0.14	<5	1			23			<20	0.05	<10	<10	8	<10		
K-08-0173	E771082	144.34	145.39	QTZT	non-mineralized	P-AML	0.44	<5	4			46			<20	0.15	<10	<10	41	<10		
K-08-0173	E771083	145.39	146.32	QTZT	non-mineralized	P-AML	0.37	<5	3			38			<20	0.13	<10	<10	30	<10		
K-08-0173	E771085	146.32	147.32	QTZT	non-mineralized	P-AML	0.82	7	1			13			<20	0.07	<10	<10	9	<10		
K-08-0173	E771086	147.32	148.77	QTZT	non-mineralized	P-AML	0.7	7	1			16			<20	0.08	<10	<10	6	<10		
K-08-0173	E771087	148.77	149.09	QTZT	non-mineralized	P-AML	1.52	25	1			31			<20	0.07	<10	<10	6	<10		
K-08-0173	E771089	149.09	150.09	QTZT	non-mineralized	N-AML	0.82	11	1			41			<20	0.07	<10	<10	6	<10		
K-08-0173	E771090	150.09	151.1	QTZT	non-mineralized	N-AML	0.22	8	1			29			<20	0.09	<10	<10	7	<10		
K-08-0173	E771091	151.1	152.1	QTZT	non-mineralized	P-AML	1	<5	5			64			<20	0.21	<10	<10	57	<10		
K-08-0173	E771092	152.1	153.1	QTZT	non-mineralized	N-AML	1.44	5	4			62			<20	0.17	<10	<10	47	<10		
K-08-0173	E771093	153.1	154.13	QTZT	non-mineralized	P-AML	0.54	<5	1			19			<20	0.09	<10	<10	15	<10		
K-08-0173	E771094	154.13	155.57	QTZT	non-mineralized	P-AML	0.34	<5	1			15			<20	0.09	<10	<10	13	<10		
K-08-0173	E771095	155.57	157.14	QTZT	non-mineralized	P-AML	0.72	6	2			24			<20	0.12	<10	<10	24	<10		
K-08-0173	E771096	157.14	157.58	QTZT	non-mineralized	P-AML	0.31	7	1			7			<20	0.06	<10	<10	8	<10		
K-08-0173	E771098	157.58	158.52	QTZT	non-mineralized	N-AML	0.17	<5	1			3			<20	0.05	<10	<10	7	<10		
K-08-0173	E771099	158.52	158.94	QTZT	non-mineralized	N-AML	0.21	6	2			3			<20	0.03	<10	<10	5	<10		
K-08-0173	E771100	158.94	159.9	QTZT	non-mineralized	P-AML	1.88	7	8			67			<20	0.28	<10	<10	97	<10		
K-08-0173	E771101	159.9	161.22	QTZT	non-mineralized	P-AML	0.45	<5	1			9			<20	0.07	<10	<10	14	<10		
K-08-0173	E771102	161.22	161.8	QTZT	non-mineralized	P-AML	0.34	5	1			5			<20	0.04	<10	<10	9	<10		
K-08-0173	E771103	161.8	162.11	QTZT	non-mineralized	P-AML	0.65	23	1			5			<20	0.04	<10	<10	8	<10		
K-08-0173	E771105	162.11	163.68	QTZT	non-mineralized	P-AML	0.72	9	2			19			<20	0.11	<10	<10	27	<10		
K-08-0173	E771106	163.68	163.95	QTZT	non-mineralized	P-AML	0.48	16	1			4			<20	0.03	<10	<10	6	<10		
K-08-0173	E771107	163.95	164.48	QTZT	non-mineralized	P-AML	0.32	9	1			3			<20	0.04	<10	<10	6	<10		
K-08-0173	E771108	164.48	165.5	QTZT	non-mineralized	P-AML	0.51	11	1			14			<20	0.09	<10	<10	14	<10		
K-08-0173	E771109	165.5	166.54	QTZT	non-mineralized	P-AML	0.32	<5	1			12			<20	0.1	<10	<10	11	<10		
K-08-0173	E771111	166.54	167.5	QTZT	non-mineralized	N-AML	0.08	<5	<1			6			<20	0.06	<10	<10	5	<10		
K-08-0173	E771112	167.5	168.55	QTZT	non-mineralized	N-AML	0.09	<5	1			6			<20	0.07	<10	<10	4	<10		
K-08-0173	E771113	168.55	169.48	QTZT	non-mineralized	N-AML	0.1	<5	1			7			<20	0.06	<10	<10	5	<10		
K-08-0173	E771114	169.48	170.5	QTZT	non-mineralized	N-AML	0.07	<5	<1			4			<20	0.07	<10	<10	4	<10		
K-08-0173	E771115	170.5	171.55	QTZT	non-mineralized	N-AML	0.13	<5	1			4			<20	0.07	<10	<10	4	<10		
K-08-0173	E771116	171.55	172.55	QTZT	non-mineralized	P-AML	0.47	12	5			47			<20	0.17	<10	<10	58	<10		
K-08-0173	E771117	172.55	173.57	QTZT	non-mineralized	P-AML	0.99	9	3			39			<20	0.14	<10	<10	37	<10		
K-08-0173	E771119	173.57	174.53	QTZT	non-mineralized	P-AML	0.35	<5	1			16			<20	0.1	<10	<10	17	<10		
K-08-0173	E771120	174.53	175.57	QTZT	non-mineralized	P-AML	0.25	<5	1			10			<20	0.09	<10	<10	12	<10		
K-08-0173	E771121	175.57	176.6	QTZT	non-mineralized	N-AML	0.08	<5	1			6			<20	0.05	<10	<10	4	<10		
K-08-0173	E771122	176.6	179.59	QTZT	non-mineralized	N-AML	0.1	<5	<1			4			<20	0.06	<10	<10	4	<10		
K-08-0173	E771123	179.59	182.65	QTZT	non-mineralized	N-AML	0.09	<5	1			5			<20	0.07	<10	10	4	<10		
K-08-0173	E771124	182.65	185.66	QTZT	non-mineralized	N-AML	0.07	<5	<1			4			<20	0.06	<10	<10	4	<10		
K-08-0173	E771125	185.66	188.06	QTZT	non-mineralized	P-AML	0.34	<5	1			8			<20	0.07	<10	10	9	<10		
K-08-0173	E771127	188.06	190.73	QTZT	non-mineralized	N-AML	0.15	<5	1			5			<20	0.06	<10	<10	4	<10		
K-08-0173	E771128	190.73	193.13	QTZT	non-mineralized	N-AML	0.89	9	7			139			<20	0.27	<10	<10	78	<10		
K-08-0173	E771129	193.13	195.12	QTZT	non-mineralized	N-AML	1.06	<5	6			119			<20	0.21	<10	<10	62	<10		
K-08-0173	E771131	195.12	197	QTZT	non-mineralized	N-AML	0.84	<5	6			148			<20	0.19	<10	<10	61	<10		
K-08-0173	E771132	197	198.94	QTZT	non-mineralized	N-AML	1.11	7	6			100			<20	0.2	<10	<10	62	<10		
K-08-0173	E771133	198.94	201.93	QTZT	non-mineralized	N-AML	0.24	<5	2			90			<20	0.06	<10	<10	12	<10		
K-08-0173	E771134	201.93	204.94	QTZT	non-mineralized	N-AML	0.3	<5	2			105			<20	0.09	<10	<10	20	<10		
K-08-0173	E771135	204.94	207.94	QTZT	non-mineralized	N-AML	0.6	5	8			113			<20	0.26	<10	<10	78	<10		
K-08-0173	E771137	207.94	210.98	QTZT	non-mineralized	P-AML	0.27	<5	1			16			<20	0.09	<10	<10	11	<10		
K-08-0173	E771138	210.98	213.92	QTZT	non-mineralized	P-AML	0.34	7	4			47			<20	0.17	<10	<10	42	<10		
K-08-0173	E771139	213.92	215.49	QTZT	non-mineralized	N-AML	0.18	<5	1			6			<20	0.08	<10	<10	7	<10		
K-08-0174	E603455	6.1	8.98	QTZT	non-mineralized	N-AML	0.005	<5	1			11			<20	0.09	<10	<10	8	<10		
K-08-0174	E603456	8.98	11.09	QTZT	non-mineralized	N-AML	0.005	<5	2			24			<20	0.11	<10	<10	20	<10		
K-08-0174	E603457	11.09	12.78	QTZT	non-mineralized	N-AML	0.005	7	17			92			<20	0.46	<10	<10	158	<10		
K-08-0174	E603458	12.78	15.54	QTZT	non-mineralized	N-AML	0.01	<5	7			73			<20	0.21	<10	<10	65	<10		
K-08-0174	E603459	15.54	18.14	QTZT	non-mineralized	N-AML	0.005	<5	3			50			<20	0.14	<10	<10	30	<10		
K-08-0174	E603460	18.14	21.15	QTZT	non-mineralized	N-AML	0.005	<5	1			16			<20	0.07	<10	<10	8	<10		
K-08-0174	E603461	21.15	23.77	QTZT	non-mineralized	N-AML	0.01	<5	7			79			<20	0.26	<10	<10	77	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0174	E603462	23.77	26.82	QTZT	non-mineralized	N-AML	0.005	<5	1			8			<20	0.07	<10	<10	7	<10		
K-08-0174	E603463	26.82	29.82	QTZT	non-mineralized	N-AML	0.01	<5	1			6			<20	0.08	<10	<10	5	<10		
K-08-0174	E603464	29.82	32.75	QTZT	non-mineralized	N-AML	0.01	<5	1			10			<20	0.1	<10	<10	12	<10		
K-08-0174	E603465	32.75	35.68	QTZT	non-mineralized	N-AML	0.02	<5	3			32			<20	0.14	<10	<10	35	<10		
K-08-0174	E603466	35.68	38.68	QTZT	non-mineralized	N-AML	0.02	<5	4			41			<20	0.15	<10	<10	34	<10		
K-08-0174	E603467	38.68	41.81	QTZT	non-mineralized	N-AML	0.01	<5	1			10			<20	0.07	<10	<10	10	<10		
K-08-0174	E603469	41.81	44.81	QTZT	non-mineralized	N-AML	0.01	<5	<1			3			<20	0.05	<10	<10	5	<10		
K-08-0174	E603470	44.81	47.73	QTZT	non-mineralized	N-AML	0.01	<5	<1			4			<20	0.06	<10	<10	4	<10		
K-08-0174	E603471	47.73	50.73	QTZT	non-mineralized	N-AML	0.01	<5	5			63			<20	0.15	<10	<10	44	<10		
K-08-0174	E603472	50.73	53.68	QTZT	non-mineralized	N-AML	0.04	<5	5			113			<20	0.16	<10	<10	48	<10		
K-08-0174	E603474	53.68	56.69	QTZT	non-mineralized	N-AML	0.01	<5	2			23			<20	0.11	<10	<10	19	<10		
K-08-0174	E603475	56.69	59.7	QTZT	non-mineralized	N-AML	0.03	<5	3			69			<20	0.14	<10	<10	37	<10		
K-08-0174	E603476	59.7	62.56	QTZT	non-mineralized	N-AML	0.02	<5	4			68			<20	0.16	<10	<10	44	<10		
K-08-0174	E603478	62.56	65.51	QTZT	non-mineralized	N-AML	0.02	<5	1			34			<20	0.05	<10	<10	12	<10		
K-08-0174	E603479	65.51	68.51	QTZT	non-mineralized	N-AML	0.03	<5	1			18			<20	0.06	<10	<10	11	<10		
K-08-0174	E603480	68.51	70.93	QTZT	non-mineralized	N-AML	0.12	<5	2			77			<20	0.07	<10	<10	21	<10		
K-08-0174	E603481	70.93	73.11	QTZT	mineralized	P-AML	0.08	<5	1			16			<20	0.07	<10	<10	9	<10		
K-08-0174	E603482	73.11	76.09	GSCH	non-mineralized	N-AML	0.14	<5	15			196			<20	0.32	<10	<10	151	<10		
K-08-0174	E603483	76.09	76.58	GSCH	non-mineralized	P-AML	0.43	<5	14			257			<20	0.28	<10	<10	143	<10		
K-08-0174	E603484	76.58	78.15	GSCH	non-mineralized	N-AML	0.16	<5	18			189			<20	0.34	<10	<10	181	<10		
K-08-0174	E603485	78.15	80.14	GSCH	non-mineralized	P-AML	0.37	<5	15			180			<20	0.31	<10	<10	147	<10		
K-08-0174	E603486	80.14	83.13	QTZT	non-mineralized	N-AML	0.24	<5	2			36			<20	0.1	<10	<10	25	<10		
K-08-0174	E603488	83.13	85.4	QTZT	non-mineralized	N-AML	0.05	<5	1			10			<20	0.09	<10	<10	11	<10		
K-08-0174	E603489	85.4	88.4	QTZT	non-mineralized	N-AML	0.13	<5	2			23			<20	0.09	<10	<10	29	<10		
K-08-0174	E603490	88.4	91.4	QTZT	non-mineralized	N-AML	0.05	<5	2			19			<20	0.11	<10	<10	31	<10		
K-08-0174	E603491	91.4	94.44	QTZT	mineralized	P-AML	0.005	<5	1			4			<20	0.07	<10	<10	5	<10		
K-08-0174	E603493	94.44	97.27	QTZT	mineralized	P-AML	0.02	<5	1			7			<20	0.06	<10	<10	5	<10		
K-08-0174	E603514	141.52	142.03	SSCH	non-mineralized	N-AML	0.16	<5	29			312			<20	1.01	<10	<10	316	<10		
K-08-0174	E603494	97.27	100.2	QTZT	mineralized	P-AML	0.04	<5	1			15			<20	0.07	<10	<10	11	<10		
K-08-0174	E603495	100.2	103.24	QTZT	mineralized	P-AML	0.04	<5	1			7			<20	0.07	<10	<10	5	<10		
K-08-0174	E603496	103.24	106.22	QTZT	non-mineralized	N-AML	0.02	<5	<1			6			<20	0.07	<10	<10	4	<10		
K-08-0174	E603497	106.22	108.17	QTZT	mineralized	P-AML	0.07	<5	1			11			<20	0.07	<10	<10	5	<10		
K-08-0174	E603499	108.17	109.96	QTZT	mineralized	P-AML	0.1	<5	1			12			<20	0.08	<10	<10	11	<10		
K-08-0174	E603500	109.96	111.75	GSCH	non-mineralized	N-AML	0.34	<5	8			138			<20	0.26	<10	<10	87	<10		
K-08-0174	E603501	111.75	113.52	GSCH	non-mineralized	N-AML	0.9	7	17			180			<20	0.41	<10	<10	167	<10		
K-08-0174	E603502	113.52	116.52	QTZT	non-mineralized	N-AML	0.23	<5	2			38			<20	0.1	<10	<10	26	<10		
K-08-0174	E603503	116.52	119.61	QTZT	non-mineralized	N-AML	0.2	<5	3			42			<20	0.12	<10	<10	33	<10		
K-08-0174	E603504	119.61	122.56	QTZT	non-mineralized	N-AML	0.79	<5	7			161			<20	0.23	<10	<10	78	<10		
K-08-0174	E603505	122.56	125.6	GSCH	non-mineralized	N-AML	0.22	<5	16			185			<20	0.39	<10	<10	169	<10		
K-08-0174	E603506	125.6	128.45	QTZT	non-mineralized	N-AML	0.15	<5	1			63			<20	0.06	<10	<10	15	<10		
K-08-0174	E603508	128.45	131.49	QTZT	non-mineralized	N-AML	0.19	<5	2			44			<20	0.09	<10	<10	20	<10		
K-08-0174	E603509	131.49	134.48	QTZT	non-mineralized	N-AML	0.11	<5	1			24			<20	0.08	<10	<10	12	<10		
K-08-0174	E603510	134.48	137.46	QTZT	non-mineralized	P-AML	0.4	<5	3			53			<20	0.13	<10	<10	32	<10		
K-08-0174	E603511	137.46	139.35	QTZT	non-mineralized	P-AML	0.3	<5	3			58			<20	0.14	<10	<10	31	<10		
K-08-0174	E603512	139.35	141.52	QTZT	non-mineralized	P-AML	0.59	<5	2			22			<20	0.09	<10	<10	28	<10		
K-08-0174	E603515	142.03	144.99	QTZT	non-mineralized	P-AML	0.45	<5	11			127			<20	0.33	<10	<10	118	<10		
K-08-0174	E603516	144.99	147.95	QTZT	non-mineralized	P-AML	1.18	<5	11			106			<20	0.27	<10	<10	139	<10		
K-08-0174	E603517	147.95	150.92	QTZT	non-mineralized	N-AML	0.55	<5	3			75			<20	0.11	<10	<10	36	<10		
K-08-0174	E603519	150.92	154.1	QTZT	mineralized	P-AML	0.38	<5	2			57			<20	0.07	<10	<10	21	<10		
K-08-0174	E603520	154.1	157.09	QTZT	non-mineralized	N-AML	0.57	<5	4			65			<20	0.16	<10	<10	45	<10		
K-08-0174	E603521	157.09	160.07	QTZT	non-mineralized	N-AML	0.43	<5	4			91			<20	0.17	<10	<10	49	<10		
K-08-0174	E603522	160.07	162.95	QTZT	non-mineralized	N-AML	0.53	<5	5			105			<20	0.21	<10	<10	60	<10		
K-08-0174	E603523	162.95	165.96	QTZT	mineralized	P-AML	0.42	<5	4			70			<20	0.16	<10	<10	46	<10		
K-08-0174	E603524	165.96	168.96	QTZT	non-mineralized	N-AML	0.71	<5	7			100			<20	0.23	<10	<10	81	<10		
K-08-0174	E603525	168.96	171.82	QTZT	mineralized	P-AML	0.32	<5	2			43			<20	0.07	<10	<10	17	<10		
K-08-0174	E603526	171.82	174.8	QTZT	mineralized	P-AML	0.38	<5	4			97			<20	0.16	<10	<10	44	<10		
K-08-0174	E603527	174.8	177.83	QTZT	non-mineralized	P-AML	0.39	<5	4			59			<20	0.17	<10	<10	48	<10		
K-08-0174	E603528	177.83	180.93	QTZT	mineralized	P-AML	0.14	<5	1			46			<20	0.05	<10	<10	9	<10		
K-08-0174	E603530	180.93	183.54	GSCH	non-mineralized	P-AML	1.74	<5	13			189			<20	0.42	<10	<10	141	<10		
K-08-0174	E603531	183.54	185.95	GSCH	non-mineralized	N-AML	1.41	<5	12			156			<20	0.36	<10	<10	125	<10		
K-08-0174	E603532	185.95	188.89	QTZT	non-mineralized	N-AML	0.89	<5	5			88			<20	0.18	<10	<10	63	<10		
K-08-0174	E603534	188.89	191.88	QTZT	non-mineralized	N-AML	0.93	<5	9			133			<20	0.31	<10	<10	103	<10		
K-08-0174	E603535	191.88	194.93	QTZT	non-mineralized	P-AML	0.87	<5	10			111			<20	0.3	<10	<10	113	<10		
K-08-0174	E603536	194.93	197.99	QTZT	non-mineralized	P-AML	0.84	<5	7			98			<20	0.25	<10	<10	73	<10		
K-08-0174	E603538	197.99	200.83	QTZT	mineralized	P-AML	0.16	<5	2			29			<20	0.13	<10	<10	22	<10		
K-08-0174	E603539	200.83	203.83	QTZT	non-mineralized	N-AML	0.12	<5	1			8			<20	0.07	<10	<10	6	<10		
K-08-0174	E603540	203.83	206.83	QTZT	mineralized	P-AML	0.13	<5	1			6			<20	0.06	<10	<10	5	<10		
K-08-0174	E603541	206.83	209.74	QTZT	non-mineralized	N-AML	0.14	<5	1			11			<20	0.07	<10	<10	7	<10		
K-08-0174	E603542	209.74	212.65	GSCH	non-mineralized	P-AML	0.68	<5	10			171			20	0.34	<10	<10	104	<10		
K-08-0174	E603543	212.65	215.48	QTZT	non-mineralized	P-AML	0.8	<5	5			64			<20	0.15	<10	<10	81	<10		
K-08-0174	E603544	215.48	218.51	QTZT	non-mineralized	N-AML	0.23	<5	1			14			<20	0.07	<10	<10	11	<10		
K-08-0174	E603545	218.51	221.51	QTZT	non-mineralized	P-AML	0.46	<5	1			24			<20	0.07	<10	<10	13	<10		
K-08-0174	E603546	221.51	224.5	QTZT	non-mineralized	N-AML	0.67	<5	3			93			<20	0.1	<10	<10	25	<10		
K-08-0174	E603547	224.5	227.52	QTZT	non-mineralized	N-AML	0.44	<5	2			42			<20	0.07	<10	<10	15	<10		
K-08-0174	E603548	227.52	230.5	QTZT	non-mineralized	N-AML	0.71	<5	4			57			<20	0.15	<10	<10	40	<10		
K-08-0174	E603549	230.5	233.51	QTZT	non-mineralized	N-AML	0.19	<5	2			20			<20	0.09	<10	<10	16	<10		
K-08-0174	E603550	233.51	236.49	QTZT	non-mineralized	N-AML	0.18	<5	1			31			<20	0.06	<10	<10	10	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-08-0174	E603551	236.49	239.45	QTZT	non-mineralized	N-AML	0.19	<5	2			17			<20	0.1	<10	<10	17	<10		
K-08-0174	E603552	239.45	243.23	QTZT	non-mineralized	N-AML	0.51	<5	4			97			<20	0.18	<10	<10	48	<10		
K-08-0174	E603554	243.23	244.86	QTZT	non-mineralized	N-AML	0.15	<5	1			15			<20	0.08	<10	<10	16	<10		
K-08-0174	E603555	244.86	246.18	QTZT	non-mineralized	N-AML	0.16	<5	1			9			<20	0.07	<10	<10	10	<10		
K-08-0174	E603556	246.18	249.18	QTZT	non-mineralized	N-AML	0.15	<5	1			11			<20	0.08	<10	<10	12	<10		
K-08-0174	E603558	249.18	252.21	QTZT	non-mineralized	P-AML	0.36	<5	3			32			<20	0.13	<10	<10	29	<10		
K-08-0174	E603560	252.21	255.24	QTZT	non-mineralized	N-AML	0.17	<5	1			27			<20	0.06	<10	<10	9	<10		
K-08-0174	E603561	255.24	258.26	QTZT	non-mineralized	N-AML	0.08	<5	<1			5			<20	0.06	<10	<10	3	<10		
K-08-0174	E603562	258.26	259.21	QTZT	non-mineralized	N-AML	0.09	<5	<1			6			<20	0.08	<10	<10	4	<10		
K-08-0174	E603563	259.21	260.26	QTZT	non-mineralized	N-AML	0.05	<5	<1			3			<20	0.06	<10	10	3	<10		
K-08-0174	E603564	260.26	260.93	QTZT	non-mineralized	N-AML	0.11	<5	1			10			<20	0.05	<10	<10	3	<10		
K-08-0174	E603566	260.93	261.88	QTZT	non-mineralized	N-AML	0.17	5	1			23			<20	0.05	<10	<10	9	<10		
K-08-0174	E603568	261.88	263.15	QTZT	non-mineralized	N-AML	0.14	<5	1			26			<20	0.06	<10	<10	10	<10		
K-08-0174	E603569	263.15	263.6	QTZT	non-mineralized	N-AML	0.14	<5	1			4			<20	0.05	<10	<10	5	<10		
K-08-0174	E603570	263.6	264.57	QTZT	non-mineralized	N-AML	0.16	<5	1			4			<20	0.07	<10	<10	9	<10		
K-08-0174	E603571	264.57	267.5	QTZT	non-mineralized	N-AML	0.18	<5	1			3			<20	0.06	<10	<10	6	<10		
K-08-0174	E603572	267.5	268.44	QTZT	non-mineralized	N-AML	0.2	<5	1			7			<20	0.07	<10	<10	6	<10		
K-08-0174	E603574	268.44	270.44	QTZT	non-mineralized	N-AML	0.14	<5	1			8			<20	0.06	<10	<10	8	<10		
K-08-0174	E603575	270.44	272.41	QTZT	non-mineralized	N-AML	0.14	<5	1			24			<20	0.06	<10	<10	10	<10		
K-09-0203	E756261	27.62	29.06	SSCH	non-mineralized			20			<20	85				0.34		<10	249	10	9	
K-09-0203	E756262	193	194	QTZT	non-mineralized	N-AML		10			<20	212				0.48		<10	143	<10	5	
K-09-0203	E756263	194	194.95	QTZT	non-mineralized	N-AML		<5			<20	31				0.19		<10	39	<10	3	
K-09-0203	E756264	194.95	196.6	QTZT	non-mineralized	N-AML		5			<20	91				0.34		<10	99	<10	4	
K-09-0203	E756265	196.6	199	QTZT	non-mineralized	N-AML		5			<20	94				0.3		<10	85	<10	4	
K-09-0203	E756266	199	201.17	QTZT	non-mineralized	N-AML		5			<20	60				0.24		<10	68	<10	4	
K-09-0203	E756268	201.17	203	QTZT	non-mineralized	N-AML		<5			<20	41				0.2		<10	43	<10	3	
K-09-0203	E756269	203	204	QTZT	non-mineralized	N-AML		10			<20	64				0.32		<10	101	<10	5	
K-09-0203	E756270	204	205	QTZT	non-mineralized	N-AML		5			<20	34				0.23		<10	62	<10	3	
K-09-0203	E756271	205	206	QTZT	non-mineralized	N-AML		10			<20	38				0.27		<10	68	<10	3	
K-09-0203	E756273	206	206.7	QTZT	mineralized	P-AML		2560			20	11				0.04		<10	29	60	6	
K-09-0203	E756274	206.7	207	QTZT	mineralized	P-AML		40			60	56				0.36		<10	168	<10	9	
K-09-0203	E756275	207	207.5	QTZT	mineralized	P-AML		5505			40	14				0.04		<10	30	60	4	
K-09-0203	E756277	207.5	208.15	QTZT	non-mineralized	N-AML		125			40	53				0.28		<10	104	<10	6	
K-09-0203	E756278	208.15	208.93	QTZT	non-mineralized	N-AML		105			20	57				0.33		<10	117	<10	7	
K-09-0203	E756279	208.93	210.31	QTZT	non-mineralized	N-AML		25			<20	83				0.36		<10	156	<10	9	
K-09-0203	E756280	210.31	211.84	QTZT	non-mineralized	N-AML		10			<20	21				0.13		<10	51	<10	5	
K-09-0203	E756281	211.84	213.36	QTZT	non-mineralized	N-AML		10			<20	19				0.11		<10	40	<10	4	
K-09-0203	E756282	213.36	214.88	QTZT	non-mineralized	N-AML		10			<20	10				0.06		<10	22	<10	5	
K-09-0203	E756283	214.88	215.64	QTZT	non-mineralized	N-AML		25			<20	118				0.68		<10	201	<10	9	
K-09-0203	E756285	215.64	216.41	QTZT	non-mineralized	N-AML		20			<20	121				0.35		<10	162	<10	13	
K-09-0203	E756286	216.41	217.02	QTZT	non-mineralized	N-AML		10			<20	88				0.22		<10	97	<10	10	
K-09-0203	E756287	217.02	217.93	QTZT	non-mineralized	N-AML		5			<20	37				0.06		<10	29	<10	5	
K-09-0203	E756288	217.93	219.46	QTZT	non-mineralized	N-AML		10			<20	47				0.14		<10	54	<10	5	
K-09-0203	E756289	219.46	221.89	QTZT	non-mineralized	N-AML		5			<20	35				0.08		<10	23	<10	4	
K-09-0203	E756290	221.89	222.39	QTZT	non-mineralized	N-AML		15			<20	47				0.13		<10	49	<10	9	
K-09-0203	E756291	222.39	224.03	QTZT	non-mineralized	N-AML		10			<20	80				0.14		<10	51	<10	6	
K-09-0203	E756293	224.03	225.55	QTZT	non-mineralized	N-AML		10			<20	87				0.23		<10	81	<10	6	
K-09-0203	E756294	225.55	227.08	QTZT	non-mineralized	N-AML		<5			<20	64				0.1		<10	35	<10	4	
K-09-0203	E756295	227.08	228.6	QTZT	non-mineralized	N-AML		<5			<20	55				0.2		<10	65	<10	5	
K-09-0203	E756296	228.6	229.82	QTZT	non-mineralized	N-AML		10			<20	51				0.26		<10	83	<10	5	
K-09-0203	E756298	229.82	232.56	QTZT	non-mineralized	N-AML		5			<20	76				0.27		<10	101	<10	7	
K-09-0203	E756299	260.35	262	QTZT	non-mineralized	N-AML		<5			<20	15				0.08		<10	18	<10	3	
K-09-0203	E756300	262	264.1	QTZT	non-mineralized	N-AML		<5			<20	19				0.11		<10	35	<10	4	
K-09-0203	E756301	264.1	265	GNST	non-mineralized			10			<20	99				1.73		<10	487	<10	26	
K-09-0203	E756302	265	266.2	GNST	non-mineralized			25			<20	121				2.1		<10	551	<10	30	
K-09-0204	E756303	222	223	QTZT	non-mineralized	N-AML		25			<20	38				0.23		<10	93	<10	5	
K-09-0204	E756304	223	224.03	QTZT	non-mineralized	N-AML		10			<20	5				0.07		<10	15	<10	2	
K-09-0204	E756305	224.03	225	QTZT	mineralized	P-AML		25			<20	3				0.02		<10	9	10	3	
K-09-0204	E756306	225	225.55	QTZT	non-mineralized	N-AML		20			<20	5				0.03		<10	14	10	6	
K-09-0204	E756308	225.55	226.4	QTZT	non-mineralized	N-AML		10			<20	6				0.05		<10	15	<10	2	
K-09-0204	E756309	226.4	227.25	QTZT	non-mineralized	N-AML		15			<20	8				0.06		<10	22	<10	2	
K-09-0204	E756310	227.25	227.65	VM	mineralized			10000			42	1				<0.01		<10	3	130	2	
K-09-0204	E756312	227.65	228.15	VM	mineralized			10000			38	2				<0.01		<10	6	40	4	
K-09-0204	E756313	228.15	228.6	VM	mineralized			10000			25	3				0.01		<10	6	130	3	
K-09-0204	E756314	231.65	232.4	QTZT	mineralized	P-AML		280			<20	16				0.04		<10	21	<10	3	
K-09-0204	E756315	232.4	233.17	QTZT	non-mineralized	N-AML		42			<20	26				0.05		<10	26	<10	3	
K-09-0204	E756316	233.17	234	QTZT	non-mineralized	N-AML		34			<20	30				0.05		<10	16	<10	2	
K-09-0204	E756317	234	235	QTZT	non-mineralized	N-AML		12			<20	59				0.13		<10	39	<10	4	
K-09-0204	E756319	235	236	QTZT	non-mineralized	N-AML		10			<20	3				0.04		<10	6	<10	2	
K-09-0204	E756320	236	237	QTZT	non-mineralized	N-AML		15			<20	43				0.19		<10	67	<10	4	
K-09-0204	E756321	237	238	QTZT	non-mineralized	N-AML		10			<20	28				0.22		<10	51	<10	3	
K-09-0204	E756322	238	239	QTZT	non-mineralized	N-AML		5			<20	5				0.05		<10	7	<10	1	
K-09-0204	E756323	239	239.9	QTZT	non-mineralized	N-AML		<5			<20	3				0.07		<10	6	<10	1	
K-09-0204	E756324	239.9	240.789	QTZT	non-mineralized	N-AML		<5			<20	3				0.07		<10	6	<10	1	
K-09-0205	E780461	182.88	184.23	QTZT	non-mineralized	N-AML		<5			<20	37				0.11		<10	26	<10	3	
K-09-0205	E780462	184.23	185.81	QTZT	non-mineralized	N-AML		10			<20	233				0.5		<10	171	<10	6	
K-09-0205	E780463	185.81	187.45	QTZT	non-mineralized	N-AML		10			<20	209				0.48		<10	199	<10	7	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-09-0205	E780465	187.45	189.4	QTZT	non-mineralized	N-AML		10			<20	58				0.27		<10	72	<10	3	
K-09-0205	E780466	189.4	191.49	QTZT	non-mineralized	N-AML		5			<20	84				0.36		<10	106	<10	5	
K-09-0205	E780467	191.49	193.55	QTZT	non-mineralized	N-AML		5			<20	53				0.31		<10	89	<10	5	
K-09-0205	E780468	193.55	195.43	QTZT	non-mineralized	N-AML		10			<20	108				0.41		<10	126	<10	6	
K-09-0205	E780469	195.43	198.03	QTZT	non-mineralized	N-AML		10			<20	76				0.32		<10	97	<10	5	
K-09-0205	E780470	198.03	199.64	QTZT	non-mineralized	N-AML		10			<20	56				0.24		<10	72	<10	7	
K-09-0205	E780471	199.64	201.17	QTZT	non-mineralized	N-AML		5			<20	20				0.13		<10	26	<10	3	
K-09-0205	E780472	201.17	202.87	QTZT	non-mineralized	N-AML		5			<20	47				0.03		<10	8	<10	4	
K-09-0205	E780473	202.87	204.26	QTZT	non-mineralized	N-AML		15			<20	52				0.39		<10	124	<10	6	
K-09-0205	E780474	204.26	206.13	QTZT	non-mineralized	N-AML		<5			<20	13				0.04		<10	10	<10	3	
K-09-0205	E780475	206.13	207.45	QTZT	non-mineralized	N-AML		20			<20	22				0.21		<10	56	<10	3	
K-09-0205	E780476	207.45	209.07	QTZT	non-mineralized	N-AML		20			<20	5				0.06		<10	11	<10	3	
K-09-0205	E780478	209.07	209.91	QTZT	mineralized	P-AML		20			<20	48				0.26		<10	98	<10	7	
K-09-0205	E780480	209.91	210.63	QTZT	non-mineralized	N-AML		5			<20	4				0.08		<10	11	<10	2	
K-09-0205	E780481	210.63	211.71	QTZT	non-mineralized	N-AML		5			<20	5				0.07		<10	10	<10	3	
K-09-0205	E780482	211.71	213.06	QTZT	non-mineralized	N-AML		15			<20	17				0.11		<10	35	<10	4	
K-09-0205	E780483	213.06	214.47	QTZT	mineralized	P-AML		1050			20	12				0.04		<10	8	20	3	
K-09-0205	E780485	214.47	215.5	QTZT	non-mineralized	N-AML		30			<20	8				0.04		<10	7	<10	3	
K-09-0205	E780486	215.5	216.35	QTZT	mineralized	P-AML		185			<20	7				0.06		<10	9	<10	3	
K-09-0205	E780487	216.35	216.89	QTZT	non-mineralized	N-AML		165			40	8				0.01		<10	8	30	9	
K-09-0205	E780488	216.89	218.15	QTZT	mineralized	P-AML		305			60	46				0.22		<10	80	<10	7	
K-09-0205	E780490	218.15	220.37	QTZT	non-mineralized	N-AML		10			<20	54				0.4		<10	102	<10	6	
K-09-0205	E780491	220.37	221.29	QTZT	non-mineralized	N-AML		5			<20	5				0.07		<10	10	<10	4	
K-09-0205	E780492	221.29	222.5	QTZT	non-mineralized	N-AML		5			<20	4				0.09		<10	11	<10	3	
K-09-0205	E780493	222.5	223.5	QTZT	non-mineralized	N-AML		<5			<20	5				0.07		<10	11	<10	4	
K-09-0205	E780494	223.5	224.94	QTZT	non-mineralized	N-AML		<5			<20	8				0.09		<10	12	<10	3	
K-09-0205	E780495	224.94	226.53	GNST	non-mineralized			10			<20	514				1.81		<10	381	20	28	
K-09-0205	E780496	226.53	228.5	GNST	non-mineralized			35			<20	658				2.01		<10	396	20	30	
K-09-0205	E780497	228.5	230.26	GNST	non-mineralized			<5			<20	267				1.3		<10	425	20	18	
K-09-0205	E780498	230.26	232.66	QTZT	non-mineralized	N-AML		<5			<20	13				0.07		<10	17	<10	3	
K-09-0205	E780500	232.66	234.6	QTZT	non-mineralized	N-AML		10			<20	38				0.04		<10	13	<10	4	
K-09-0205	E772002	234.6	236.55	QTZT	non-mineralized	N-AML		<5			<20	11				0.04		<10	6	<10	2	
K-09-0205	E772003	236.55	238.55	QTZT	non-mineralized	N-AML		<5			<20	29				0.15		<10	44	<10	3	
K-09-0205	E772004	238.55	240.63	QTZT	non-mineralized	N-AML		<5			<20	71				0.23		<10	78	<10	5	
K-09-0205	E772005	240.63	242.5	QTZT	non-mineralized	N-AML		5			<20	48				0.09		<10	32	<10	4	
K-09-0205	E772006	242.5	244.15	QTZT	non-mineralized	N-AML		<5			<20	69				0.1		<10	33	<10	3	
K-09-0205	E772008	244.15	246.89	QTZT	non-mineralized	N-AML		10			<20	47				0.06		<10	20	<10	3	
K-09-0206	E756325	200.98	221.6	QTZT	non-mineralized	N-AML		10			<20	16				0.04		<10	10	<10	3	
K-09-0206	E756326	221.6	222.5	GSCH	non-mineralized	N-AML		30			<20	125				0.36		<10	156	<10	7	
K-09-0206	E756328	222.5	223.5	QTZT	non-mineralized	N-AML		20			<20	114				0.35		<10	203	<10	6	
K-09-0206	E756329	223.5	224.5	QTZT	non-mineralized	N-AML		30			<20	49				0.14		<10	58	<10	9	
K-09-0206	E756330	224.5	225.5	QTZT	non-mineralized	N-AML		10			<20	6				0.06		<10	11	<10	2	
K-09-0206	E756331	225.5	226.5	QTZT	non-mineralized	N-AML		5			<20	4				0.07		<10	7	<10	1	
K-09-0206	E756333	226.5	227.25	QTZT	non-mineralized	N-AML		5			<20	4				0.07		<10	7	<10	2	
K-09-0206	E756334	227.25	228.5	QTZT	non-mineralized	N-AML		10			<20	11				0.09		<10	19	<10	2	
K-09-0206	E756335	228.6	229.5	QTZT	non-mineralized	N-AML		15			<20	23				0.13		<10	38	<10	2	
K-09-0206	E756337	229.5	230.7	GSCH	non-mineralized	N-AML		20			<20	90				0.33		<10	128	<10	5	
K-09-0206	E756338	230.7	231.2	GSCH	non-mineralized	N-AML		35			<20	50				0.24		<10	110	<10	4	
K-09-0206	E756339	231.2	231.55	VM	mineralized			435			<20	5				0.01		<10	12	50	6	
K-09-0206	E756340	231.55	231.69	GSCH	non-mineralized	N-AML		25			<20	66				0.25		<10	85	<10	6	
K-09-0206	E756341	231.69	232.5	QTZT	non-mineralized	N-AML		5			<20	9				0.09		<10	15	<10	2	
K-09-0206	E756342	232.5	233.5	QTZT	non-mineralized	N-AML		<5			<20	5				0.07		<10	9	<10	2	
K-09-0206	E756343	233.5	234.5	QTZT	non-mineralized	N-AML		<5			<20	10				0.08		<10	12	<10	2	
K-09-0206	E756345	234.5	235.5	QTZT	non-mineralized	N-AML		5			<20	46				0.24		<10	67	<10	4	
K-09-0206	E756346	235.5	236.5	QTZT	non-mineralized	N-AML		<5			<20	27				0.15		<10	34	<10	3	
K-09-0206	E756347	236.5	237.5	QTZT	non-mineralized	N-AML		<5			<20	8				0.05		<10	9	<10	2	
K-09-0206	E756349	237.5	238.5	QTZT	non-mineralized	N-AML		<5			<20	14				0.09		<10	19	<10	2	
K-09-0206	E756350	238.5	240	QTZT	non-mineralized	N-AML		<5			<20	63				0.22		<10	60	<10	4	
K-09-0207	E756351	193.55	195.07	QTZT	non-mineralized	N-AML		5			<20	54				0.14		<10	44	<10	3	
K-09-0207	E756352	195.07	196.6	QTZT	non-mineralized	N-AML		15			<20	56				0.18		<10	63	<10	5	
K-09-0207	E756353	196.6	198.1	QTZT	non-mineralized	N-AML		5			<20	50				0.22		<10	69	<10	3	
K-09-0209	E756376	203.74	205.37	QTZT	non-mineralized	N-AML		<5			<20	10				0.05		<10	7	<10	1	
K-09-0209	E756377	205.37	207	QTZT	non-mineralized	N-AML		<5			<20	14				0.03		<10	6	<10	2	
K-09-0209	E756378	207	208	QTZT	non-mineralized	N-AML		5			<20	16				0.03		<10	6	<10	2	
K-09-0209	E756379	208	209.09	QTZT	mineralized	P-AML		20			<20	24				0.01		<10	6	10	4	
K-09-0209	E756380	209.09	210	QTZT	non-mineralized	N-AML		10			<20	40				0.19		<10	70	<10	3	
K-09-0209	E756381	210	211	QTZT	non-mineralized	N-AML		15			<20	75				0.29		<10	114	<10	4	
K-09-0209	E756382	211	211.95	QTZT	non-mineralized	N-AML		10			<20	32				0.14		<10	48	<10	3	
K-09-0209	E756383	211.95	212.35	VM	mineralized			4590			<20	15				0.02		<10	28	60	6	
K-09-0209	E756384	212.35	213.25	QTZT	non-mineralized	N-AML		25			<20	9				0.05		<10	25	<10	3	
K-09-0209	E756385	213.25	213.55	QTZT	non-mineralized	N-AML		10			<20	13				0.1		<10	32	<10	2	
K-09-0209	E756386	213.55	214.1	QTZT	non-mineralized	N-AML		15			<20	52				0.22		<10	103	<10	4	
K-09-0209	E756388	214.1	214.6	QTZT	non-mineralized	N-AML		10			<20	5				0.03		<10	14	<10	5	
K-09-0209	E756389	214.6	215.62	QTZT	non-mineralized	N-AML		5			<20	5				0.05		<10	8	<10	2	
K-09-0209	E756390	215.62	216.8	QTZT	non-mineralized	N-AML		5			<20	5				0.05		<10	9	<10	2	
K-09-0209	E756391	216.8	217.8	QTZT	non-mineralized	N-AML		10			<20	9				0.06		<10	15	<10	2	
K-09-0209	E756393	217.8	218	GSCH	mineralized	P-AML		75			20	119				0.41		<10	156	20	5	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-09-0209	E756394	218	218.55	QTZT	mineralized	P-AML		2265			<20	8				0.02		<10	13	140	3	
K-09-0209	E756395	218.55	219.1	QTZT	mineralized	P-AML		850			<20	2				0.02		<10	6	140	2	
K-09-0209	E756396	219.1	219.7	QTZT	mineralized	P-AML		1815			<20	3				0.02		<10	7	90	3	
K-09-0209	E756398	219.7	220.5	QTZT	mineralized	P-AML		930			<20	6				0.03		<10	13	30	3	
K-09-0209	E756399	220.5	220.98	VM	mineralized			2000			180	34				<0.01		<10	6	20	3	
K-09-0209	E756400	220.98	221.5	VM	mineralized			755			40	9				0.02		<10	17	20	5	
K-09-0209	E756401	221.5	222.03	VM	mineralized			50			140	60				0.02		<10	17	10	7	
K-09-0209	E756402	222.03	222.5	QTZT	non-mineralized	N-AML		20			20	33				0.18		<10	60	<10	4	
K-09-0209	E756403	222.5	223.25	QTZT	non-mineralized	N-AML		10			<20	15				0.05		<10	10	<10	2	
K-09-0209	E756405	223.25	224.2	QTZT	non-mineralized	N-AML		10			<20	13				0.09		<10	21	<10	2	
K-09-0209	E756406	224.2	225.25	QTZT	non-mineralized	N-AML		10			<20	22				0.1		<10	27	<10	3	
K-09-0209	E756407	225.25	226.25	QTZT	non-mineralized	N-AML		10			<20	55				0.1		<10	33	<10	5	
K-09-0209	E756408	226.25	227.32	QTZT	non-mineralized	N-AML		10			<20	111				0.17		<10	62	<10	7	
K-09-0209	E756409	227.32	227.66	QTZT	non-mineralized	N-AML		10			<20	62				0.15		<10	70	<10	5	
K-09-0209	E756411	227.66	228.6	QTZT	non-mineralized	N-AML		10			<20	19				0.1		<10	26	<10	3	
K-09-0209	E756412	228.6	230.12	QTZT	non-mineralized	N-AML		5			<20	3				0.06		<10	7	<10	1	
K-09-0210	E772016	202.69	204.72	QTZT	non-mineralized	N-AML		<5			<20	29				0.05		<10	15	<10	2	
K-09-0210	E772017	204.72	206.76	QTZT	non-mineralized	N-AML		<5			<20	53				0.03		<10	8	<10	2	
K-09-0210	E772019	206.76	208.79	QTZT	non-mineralized	N-AML		<5			<20	91				0.34		<10	126	<10	5	
K-09-0210	E772020	208.79	210.8	QTZT	non-mineralized	N-AML		5			<20	104				0.3		<10	119	<10	5	
K-09-0210	E772021	210.8	212.12	QTZT	non-mineralized	N-AML		<5			<20	103				0.28		<10	122	<10	5	
K-09-0210	E772022	212.12	213.36	QTZT	non-mineralized	N-AML		5			<20	110				0.38		<10	159	<10	7	
K-09-0210	E772023	213.36	215.26	QTZT	non-mineralized	N-AML		<5			<20	56				0.2		<10	73	<10	3	
K-09-0210	E772024	215.26	216.99	QTZT	non-mineralized	N-AML		5			<20	54				0.21		<10	68	<10	4	
K-09-0210	E772026	216.99	218	QTZT	non-mineralized	N-AML		<5			<20	14				0.08		<10	15	<10	2	
K-09-0210	E772027	218	218.96	QTZT	non-mineralized	N-AML		5			<20	6				0.04		<10	5	<10	1	
K-09-0210	E772028	218.96	219.96	QTZT	non-mineralized	N-AML		5			<20	6				0.05		<10	6	<10	1	
K-09-0210	E772029	219.96	220.98	QTZT	non-mineralized	N-AML		<5			<20	29				0.02		<10	5	<10	3	
K-09-0210	E772030	220.98	221.92	QTZT	non-mineralized	N-AML		<5			<20	45				0.03		<10	8	<10	3	
K-09-0210	E772031	221.92	222.72	QTZT	non-mineralized	N-AML		15			<20	49				0.24		<10	108	<10	4	
K-09-0210	E772032	222.72	223.65	QTZT	non-mineralized	N-AML		10			<20	20				0.11		<10	31	<10	2	
K-09-0210	E772034	223.65	224.62	QTZT	non-mineralized	N-AML		10			<20	24				0.14		<10	48	<10	3	
K-09-0210	E772035	224.62	225.55	QTZT	non-mineralized	N-AML		10			<20	31				0.17		<10	59	<10	3	
K-09-0210	E772037	225.55	226.47	QTZT	non-mineralized	N-AML		10			<20	52				0.2		<10	84	<10	5	
K-09-0210	E772038	226.47	227.08	QTZT	non-mineralized	N-AML		10			<20	10				0.05		<10	17	<10	2	
K-09-0210	E772039	227.08	227.9	QTZT	non-mineralized	N-AML		10			<20	11				0.05		<10	26	<10	2	
K-09-0210	E772040	227.9	228.5	VM	mineralized			1540			<20	6				0.03		<10	12	100	2	
K-09-0210	E772041	228.5	229.1	VM	mineralized			790			<20	21				0.04		<10	30	170	4	
K-09-0210	E772042	229.1	230.12	QTZT	non-mineralized	N-AML		10			<20	16				0.04		<10	8	<10	2	
K-09-0210	E772043	230.12	231.1	QTZT	non-mineralized	N-AML		5			<20	26				0.03		<10	7	<10	3	
K-09-0210	E772045	231.1	232.16	QTZT	non-mineralized	N-AML		<5			<20	43				0.02		<10	5	<10	4	
K-09-0210	E772046	232.16	233.17	QTZT	non-mineralized	N-AML		<5			<20	84				0.02		<10	4	<10	4	
K-09-0210	E772047	233.17	234.1	QTZT	non-mineralized	N-AML		<5			<20	65				0.02		<10	3	<10	3	
K-09-0210	E772048	234.1	235.15	QTZT	non-mineralized	N-AML		<5			<20	52				0.02		<10	4	<10	4	
K-09-0210	E772049	235.15	236	QTZT	non-mineralized	N-AML		5			<20	11				0.07		<10	12	<10	2	
K-09-0210	E772050	236	237	QTZT	non-mineralized	N-AML		5			<20	15				0.03		<10	12	<10	5	
K-09-0210	E772051	237	238	QTZT	non-mineralized	N-AML		5			<20	69				0.02		<10	8	<10	7	
K-09-0210	E772052	238	238.96	QTZT	non-mineralized	N-AML		5			<20	16				0.04		<10	9	<10	3	
K-09-0210	E772053	238.96	240.92	QTZT	non-mineralized	N-AML		10			<20	38				0.13		<10	33	<10	3	
K-09-0210	E772054	240.92	243	QTZT	non-mineralized	N-AML		<5			<20	6				0.07		<10	10	<10	2	
K-09-0210	E772055	243	245	QTZT	non-mineralized	N-AML		<5			<20	44				0.03		<10	6	<10	3	
K-09-0210	E772057	245	246.86	QTZT	non-mineralized	N-AML		5			<20	15				0.11		<10	18	<10	3	
K-09-0212	E756435	59.44	61.98	QTZT	non-mineralized	N-AML		5			<20	23				0.11		<10	23	<10	3	
K-09-0212	E756436	61.98	62.63	QTZT	mineralized	P-AML		25			<20	20				0.05		<10	17	20	5	
K-09-0212	E756437	62.63	63.81	QTZT	non-mineralized	N-AML		5			<20	29				0.17		<10	45	<10	3	
K-09-0212	E756438	63.81	64.14	QTZT	mineralized	P-AML		15			<20	50				0.12		<10	42	<10	7	
K-09-0212	E756439	64.14	64.51	QTZT	non-mineralized	N-AML		10			<20	75				0.33		<10	102	<10	5	
K-09-0212	E756441	64.51	66.94	QTZT	non-mineralized	N-AML		5			<20	12				0.07		<10	19	<10	3	
K-09-0212	E756413	218.04	219.86	QTZT	non-mineralized	N-AML		10			<20	44				0.12		<10	38	<10	3	
K-09-0212	E756415	219.86	222.28	QTZT	non-mineralized	N-AML		10			<20	11				0.06		<10	9	<10	2	
K-09-0212	E756416	222.28	224.45	GSCH	non-mineralized	N-AML		15			<20	83				0.36		<10	123	<10	5	
K-09-0212	E756417	224.45	225.55	GSCH	non-mineralized	N-AML		15			<20	40				0.19		<10	83	<10	4	
K-09-0212	E756418	225.55	226.2	GSCH	mineralized	P-AML		15			<20	53				0.24		<10	101	<10	5	
K-09-0212	E756419	226.2	226.55	VM	mineralized			25			40	99				0.1		<10	57	<10	6	
K-09-0212	E756420	226.55	226.98	VM	mineralized			70			20	58				0.17		<10	75	<10	5	
K-09-0212	E756421	226.98	227.37	VM	mineralized			585			<20	73				0.02		<10	17	20	9	
K-09-0212	E756422	227.37	227.66	VM	mineralized			90			60	37				0.02		<10	23	10	8	
K-09-0212	E756424	227.66	228.52	QTZT	mineralized	P-AML		1735			<20	37				0.07		<10	45	10	5	
K-09-0212	E756425	228.52	229.86	QTZT	non-mineralized	N-AML		10			<20	21				0.08		<10	23	<10	4	
K-09-0212	E756427	229.86	230.83	QTZT	non-mineralized	N-AML		15			<20	70				0.25		<10	90	<10	4	
K-09-0212	E756428	230.83	232	QTZT	non-mineralized	N-AML		15			<20	74				0.28		<10	105	<10	5	
K-09-0212	E756429	232	233.17	QTZT	non-mineralized	N-AML		5			<20	10				0.05		<10	13	<10	3	
K-09-0212	E756430	233.17	234.69	QTZT	non-mineralized	N-AML		5			<20	19				0.08		<10	20	<10	4	
K-09-0212	E756431	234.69	236.45	QTZT	non-mineralized	N-AML		15			<20	86				0.25		<10	94	<10	8	
K-09-0212	E756432	236.45	238.45	QTZT	non-mineralized	N-AML		15			<20	76				0.27		<10	100	<10	7	
K-09-0212	E756433	238.45	240.4	QTZT	non-mineralized	N-AML		<5			<20	11				0.04		<10	8	<10	3	
K-09-0212	E756434	240.4	242.32	QTZT	non-mineralized	N-AML		5			<20	35				0.11		<10	32	<10	3	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-09-0213	E772059	231.66	233	GSCH	non-mineralized	N-AML		10			<20	153				0.31		<10	142	<10	6	
K-09-0213	E772060	233	234.6	GSCH	non-mineralized	N-AML		15			<20	73				0.21		<10	87	<10	5	
K-09-0213	E772061	234.6	235.61	QTZT	non-mineralized	N-AML		5			<20	9				0.06		<10	11	<10	2	
K-09-0213	E772062	235.61	236.83	QTZT	non-mineralized	N-AML		5			<20	7				0.06		<10	6	<10	1	
K-09-0213	E772063	236.83	237.74	QTZT	non-mineralized	N-AML		5			<20	7				0.06		<10	7	<10	2	
K-09-0213	E772065	237.74	239.27	QTZT	non-mineralized	N-AML		5			<20	7				0.07		<10	7	<10	2	
K-09-0213	E772066	239.27	240.79	QTZT	non-mineralized	N-AML		10			<20	20				0.09		<10	29	<10	3	
K-09-0213	E772067	240.79	242.32	GSCH	non-mineralized	N-AML		15			<20	84				0.27		<10	118	<10	5	
K-09-0213	E772068	242.32	243.84	GSCH	non-mineralized	N-AML		30			<20	72				0.22		<10	100	<10	4	
K-09-0213	E772070	243.84	245.36	QTZT	non-mineralized	N-AML		10			<20	26				0.11		<10	32	<10	2	
K-09-0213	E772071	245.36	246.89	QTZT	non-mineralized	N-AML		20			<20	56				0.16		<10	53	<10	6	
K-09-0213	E772072	246.89	248.41	QTZT	non-mineralized	N-AML		15			<20	32				0.1		<10	48	<10	4	
K-09-0213	E772073	248.41	249.4	QTZT	non-mineralized	N-AML		15			<20	26				0.1		<10	39	<10	4	
K-09-0213	E772075	249.4	250.1	QTZT	mineralized	P-AML		55			<20	6				0.05		<10	8	<10	1	
K-09-0213	E772076	250.1	250.4	QTZT	mineralized	P-AML		280			<20	3				0.03		<10	5	70	2	
K-09-0213	E772077	250.4	250.85	QTZT	non-mineralized	N-AML		5			<20	4				0.06		<10	6	<10	1	
K-09-0213	E772078	250.85	252.37	QTZT	non-mineralized	N-AML		5			<20	5				0.05		<10	6	<10	1	
K-09-0213	E772079	252.37	253.9	QTZT	non-mineralized	N-AML		5			<20	3				0.03		<10	5	<10	2	
K-09-0213	E772080	253.9	255.42	QTZT	non-mineralized	N-AML		5			<20	12				0.06		<10	11	<10	2	
K-09-0213	E772081	255.42	256.95	QTZT	non-mineralized	N-AML		<5			<20	17				0.1		<10	24	<10	3	
K-09-0213	E772082	256.95	259.08	QTZT	non-mineralized	N-AML		<5			<20	9				0.07		<10	15	<10	4	
K-09-0213	E772083	259.08	260.6	QTZT	non-mineralized	N-AML		<5			<20	7				0.05		<10	10	<10	3	
K-09-0213	E772084	260.6	261.82	QTZT	non-mineralized	N-AML		<5			<20	33				0.15		<10	54	<10	6	
K-09-0213	E772086	261.82	264	QTZT	non-mineralized	N-AML		<5			<20	29				0.05		<10	17	<10	4	
K-09-0213	E772087	264	266	QTZT	non-mineralized	N-AML		5			<20	20				0.09		<10	27	<10	4	
K-09-0213	E772088	266	268	QTZT	non-mineralized	N-AML		<5			<20	22				0.09		<10	25	<10	4	
K-09-0213	E772090	268	269.75	QTZT	non-mineralized	N-AML		<5			<20	33				0.07		<10	27	<10	5	
K-09-0213	E772091	269.75	271.27	QTZT	non-mineralized	N-AML		5			<20	35				0.1		<10	43	<10	4	
K-09-0213	E772092	271.27	272.8	GSCH	non-mineralized	N-AML		5			<20	94				0.27		<10	132	<10	11	
K-09-0213	E772094	272.8	275	QTZT	non-mineralized	N-AML		5			<20	112				0.2		<10	90	<10	8	
K-09-0215	E756442	211.31	212.97	QTZT	non-mineralized	N-AML		5			<20	28				0.1		<10	36	<10	3	
K-09-0215	E756444	212.97	213.79	QTZT	non-mineralized	N-AML		15			<20	42				0.15		<10	73	<10	5	
K-09-0215	E756445	213.79	216.1	QTZT	non-mineralized	N-AML		5			<20	85				0.3		<10	135	<10	7	
K-09-0215	E756446	216.1	217.09	QTZT	non-mineralized	N-AML		5			<20	68				0.24		<10	101	<10	6	
K-09-0215	E756447	217.09	218.1	QTZT	non-mineralized	N-AML		<5			<20	6				0.06		<10	14	<10	3	
K-09-0215	E756448	218.1	219.1	QTZT	non-mineralized	N-AML		5			<20	5				0.06		<10	15	<10	3	
K-09-0215	E756449	219.1	220.1	QTZT	non-mineralized	N-AML		5			<20	4				0.05		<10	17	<10	3	
K-09-0215	E756450	220.1	221.1	QTZT	non-mineralized	N-AML		<5			<20	9				0.05		<10	16	<10	3	
K-09-0215	E756451	221.1	221.8	QTZT	non-mineralized	N-AML		5			<20	4				0.06		<10	15	<10	3	
K-09-0215	E756452	221.8	222.19	VM	non-mineralized			5			<20	13				0.06		<10	22	<10	5	
K-09-0215	E756453	222.19	222.79	VM	mineralized			55			<20	29				0.13		<10	61	<10	5	
K-09-0215	E756454	222.79	222.95	VM	mineralized			1225			<20	3				0.02		<10	8	150	3	
K-09-0215	E756455	222.95	223.1	VM	mineralized			7985			<20	3				0.01		<10	6	140	2	
K-09-0215	E756457	223.1	223.55	VM	mineralized			45			<20	11				0.06		<10	21	<10	2	
K-09-0215	E756458	223.55	224.03	VM	mineralized			35			<20	6				0.04		<10	12	<10	2	
K-09-0215	E756460	224.03	225.1	QTZT	non-mineralized	N-AML		10			<20	9				0.06		<10	17	<10	2	
K-09-0215	E756461	225.1	226.32	QTZT	non-mineralized	N-AML		5			<20	12				0.07		<10	19	<10	2	
K-09-0215	E756462	226.32	227.16	QTZT	non-mineralized	N-AML		5			<20	26				0.09		<10	28	<10	3	
K-09-0215	E756463	227.16	228.8	QTZT	non-mineralized	N-AML		10			<20	65				0.2		<10	103	<10	4	
K-09-0215	E756464	228.8	230.42	QTZT	non-mineralized	N-AML		10			<20	67				0.22		<10	93	<10	4	
K-09-0215	E756465	230.42	231.65	QTZT	non-mineralized	N-AML		10			<20	12				0.08		<10	33	<10	2	
K-09-0215	E756466	231.65	233.6	QTZT	non-mineralized	N-AML		5			<20	16				0.08		<10	25	<10	3	
K-09-0215	E756468	233.6	235.64	QTZT	non-mineralized	N-AML		10			<20	66				0.05		<10	18	<10	4	
K-09-0215	E756469	235.64	238.04	QTZT	non-mineralized	N-AML		5			<20	148				0.04		<10	14	<10	4	
K-09-0215	E756470	238.04	240.08	QTZT	non-mineralized	N-AML		<5			<20	104				0.23		<10	110	<10	4	
K-09-0215	E756471	240.08	241.82	QTZT	non-mineralized	N-AML		<5			<20	49				0.12		<10	40	<10	4	
K-09-0215	E756472	241.82	242.32	QTZT	non-mineralized	N-AML		<5			<20	13				0.06		<10	14	<10	3	
K-09-0215	E756474	242.32	244.29	QTZT	non-mineralized	N-AML		5			<20	63				0.08		<10	29	<10	4	
K-09-0215	E756475	244.29	246.889	QTZT	non-mineralized	N-AML		<5			<20	63				0.03		<10	9	<10	3	
K-09-0216	E772121	208	210.04	QTZT	non-mineralized	N-AML		10			<20	24				0.12		<10	33	<10	2	
K-09-0216	E772122	210.04	212.04	QTZT	non-mineralized	N-AML		5			<20	4				0.06		<10	6	<10	1	
K-09-0216	E772123	212.04	214	QTZT	non-mineralized	N-AML		5			<20	4				0.07		<10	7	<10	1	
K-09-0216	E772124	214	216.03	QTZT	non-mineralized	N-AML		5			<20	9				0.07		<10	6	<10	2	
K-09-0216	E772125	216.03	218.04	QTZT	non-mineralized	N-AML		5			<20	9				0.08		<10	8	<10	2	
K-09-0216	E772126	218.04	219.06	QTZT	non-mineralized	N-AML		5			<20	5				0.07		<10	7	<10	1	
K-09-0216	E772127	219.06	220	QTZT	non-mineralized	N-AML		10			<20	9				0.1		<10	9	<10	2	
K-09-0216	E772128	220	222.22	QTZT	non-mineralized	N-AML		5			<20	9				0.07		<10	8	<10	1	
K-09-0216	E772130	222.22	224.45	QTZT	non-mineralized	N-AML		5			<20	7				0.07		<10	7	<10	2	
K-09-0216	E772095	224.45	226.67	QTZT	non-mineralized	N-AML		<5			<20	8				0.06		<10	9	<10	2	
K-09-0216	E772096	226.67	228.7	QTZT	non-mineralized	N-AML		<5			<20	12				0.05		<10	10	<10	2	
K-09-0216	E772097	228.7	230.71	QTZT	non-mineralized	N-AML		<5			<20	25				0.09		<10	27	<10	3	
K-09-0216	E772098	230.71	231.7	QTZT	non-mineralized	N-AML		5			<20	106				0.26		<10	108	<10	6	
K-09-0216	E772099	231.7	233.7	QTZT	non-mineralized	N-AML		<5			<20	41				0.13		<10	63	<10	4	
K-09-0216	E772100	233.7	235.11	QTZT	non-mineralized	N-AML		<5			<20	49				0.12		<10	33	<10	4	
K-09-0216	E772101	235.11	237.11	QTZT	non-mineralized	N-AML		<5			<20	112				0.06		<10	22	<10	4	
K-09-0216	E772102	237.11	239.02	QTZT	non-mineralized	N-AML		5			<20	91				0.22		<10	95	<10	7	
K-09-0216	E772103	239.02	240	QTZT	non-mineralized	N-AML		5			<20	26				0.09		<10	32	<10	4	

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-09-0216	E772104	240	241	QTZT	non-mineralized	N-AML		10			<20	52				0.16		<10	68	<10	6	
K-09-0216	E772105	241	242.04	QTZT	non-mineralized	N-AML		5			<20	73				0.12		<10	43	<10	5	
K-09-0216	E772106	242.04	243.05	QTZT	non-mineralized	N-AML		5			<20	52				0.08		<10	31	<10	5	
K-09-0216	E772107	243.05	244.1	QTZT	non-mineralized	N-AML		10			<20	45				0.14		<10	55	<10	5	
K-09-0216	E772108	244.1	244.47	VM	non-mineralized			35			<20	9				0.04		<10	15	<10	4	
K-09-0216	E772109	244.47	245.14	VM	non-mineralized			60			<20	10				0.07		<10	25	<10	3	
K-09-0216	E772111	245.14	245.5	VM	mineralized			660			20	8				0.04		<10	18	10	4	
K-09-0216	E772112	245.5	246.16	QTZT	non-mineralized	N-AML		40			<20	22				0.1		<10	41	<10	5	
K-09-0216	E772113	246.16	247.16	GNST	non-mineralized			5			<20	39				0.18		<10	93	<10	6	
K-09-0216	E772114	247.16	248.17	GNST	non-mineralized			<5			<20	10				0.08		<10	29	<10	5	
K-09-0216	E772116	248.17	249.1	GNST	non-mineralized			15			<20	263				1.05		<10	414	<10	26	
K-09-0216	E772117	249.1	251.1	GNST	non-mineralized			10			<20	280				1.25		<10	480	10	31	
K-09-0216	E772118	251.1	253.03	GNST	non-mineralized			<5			<20	239				1.27		<10	511	10	33	
K-09-0216	E772120	253.03	253.75	SSCH	non-mineralized			10			<20	155				0.58		<10	404	10	11	
K-09-0217	E756476	199.64	201.17	QTZT	non-mineralized	N-AML		10			<20	5				0.05		<10	12	<10	2	
K-09-0217	E756478	201.17	202.69	QTZT	non-mineralized	N-AML		<5			<20	7				0.05		<10	10	<10	2	
K-09-0217	E756479	202.69	204.22	QTZT	non-mineralized	N-AML		<5			<20	6				0.04		<10	10	<10	2	
K-09-0217	E756480	204.22	205	QTZT	non-mineralized	N-AML		10			<20	24				0.16		<10	77	<10	4	
K-09-0217	E756481	205	205.6	QTZT	non-mineralized	N-AML		10			<20	53				0.24		<10	136	<10	4	
K-09-0217	E756482	205.6	206.45	QTZT	non-mineralized	N-AML		15			<20	69				0.39		<10	175	<10	5	
K-09-0217	E756484	206.45	207.26	QTZT	non-mineralized	N-AML		10			<20	44				0.15		<10	62	<10	4	
K-09-0217	E756485	207.26	208.79	QTZT	non-mineralized	N-AML		5			<20	25				0.09		<10	31	<10	3	
K-09-0217	E756486	208.79	210.31	QTZT	non-mineralized	N-AML		5			<20	15				0.05		<10	17	<10	3	
K-09-0217	E756487	210.31	211.84	QTZT	non-mineralized	N-AML		<5			<20	4				0.04		<10	8	<10	2	
K-09-0217	E756488	211.84	213.36	QTZT	non-mineralized	N-AML		10			<20	34				0.15		<10	75	<10	3	
K-09-0217	E756490	213.36	214.88	QTZT	non-mineralized	N-AML		10			<20	75				0.25		<10	120	<10	3	
K-09-0217	E756491	214.88	216.41	QTZT	non-mineralized	N-AML		15			<20	61				0.25		<10	126	<10	4	
K-09-0217	E756492	216.41	217.93	GSCH	non-mineralized	N-AML		30			<20	69				0.38		<10	211	<10	5	
K-09-0217	E756493	217.93	218.72	QTZT	non-mineralized	N-AML		5			<20	7				0.04		<10	23	<10	2	
K-09-0217	E756494	218.72	219.75	QTZT	non-mineralized	N-AML		5			<20	6				0.05		<10	17	<10	1	
K-09-0217	E756495	219.75	220.7	GSCH	non-mineralized	N-AML		5			<20	28				0.21		<10	89	<10	2	
K-09-0217	E756496	220.7	221.45	GSCH	non-mineralized	N-AML		15			<20	20				0.04		<10	28	<10	4	
K-09-0217	E756497	221.45	222.1	QTZT	mineralized	P-AML		115			20	7				0.07		<10	30	<10	2	
K-09-0217	E756499	222.1	222.5	VM	mineralized			270			20	3				0.02		<10	11	150	5	
K-09-0217	E756500	222.5	224.03	QTZT	non-mineralized	N-AML		15			<20	4				0.04		<10	12	<10	2	
K-09-0217	E756501	224.03	225.55	QTZT	non-mineralized	N-AML		<5			<20	170				0.29		<10	220	<10	12	
K-09-0217	E756502	225.55	227.08	QTZT	non-mineralized	N-AML		5			<20	13				0.05		<10	22	<10	3	
K-09-0217	E756503	227.08	228.6	QTZT	non-mineralized	N-AML		<5			<20	9				0.02		<10	9	<10	2	
K-09-0217	E756505	228.6	230	QTZT	non-mineralized	N-AML		<5			<20	23				0.02		<10	8	<10	4	
K-09-0217	E756506	230	231.65	GNST	non-mineralized			<5			<20	469				0.61		<10	360	<10	26	
K-08-0174	E603576	272.41	273.42	QTZT	non-mineralized	N-AML	0.08	<5	1			47			<20	0.03	<10	<10	4	<10		
K-08-0174	E603577	273.42	273.89	QTZT	non-mineralized	N-AML	0.12	<5	1			5			<20	0.06	<10	<10	6	<10		
K-08-0174	E603578	273.89	275.38	QTZT	non-mineralized	P-AML	0.7	6	2			25			<20	0.12	<10	<10	28	<10		
K-08-0174	E603579	275.38	276.08	QTZT	non-mineralized	P-AML	0.84	45	1			2			<20	0.06	<10	<10	6	<10		
K-08-0174	E603580	276.08	276.93	QTZT	non-mineralized	P-AML	0.35	1050	1			11			<20	0.07	<10	<10	15	<10		
K-08-0174	E603581	276.93	278.02	QTZT	non-mineralized	P-AML	0.35	170	4			33			<20	0.13	<10	<10	41	<10		
K-08-0174	E603582	278.02	279.05	QTZT	non-mineralized	N-AML	0.17	7	1			8			<20	0.06	<10	<10	8	<10		
K-08-0174	E603583	279.05	281.05	QTZT	non-mineralized	N-AML	0.12	66	1			6			<20	0.05	<10	<10	7	<10		
K-08-0174	E603584	281.05	283.05	QTZT	non-mineralized	P-AML	0.38	106	1			9			<20	0.08	<10	<10	10	<10		
K-08-0174	E603585	283.05	285.05	QTZT	non-mineralized	N-AML	0.58	5	5			80			<20	0.18	<10	<10	50	<10		
K-10-0266	E757255	17.86	19.05	ICQS	non-mineralized	N-AML	0.005	<1	4	<10	<5	81	<10	<10	<5	0.07	<5	<5	56	<1	4	26
K-10-0266	E757257	19.05	20.7	ICQS	non-mineralized	N-AML	0.0025	2	7	<10	<5	84	<10	<10	<5	0.1	<5	<5	114	<1	2	60
K-08-0174	E603587	285.05	287.05	QTZT	non-mineralized	N-AML	0.21	<5	3			84			<20	0.11	<10	<10	29	<10		
K-08-0174	E603588	287.05	289.15	QTZT	non-mineralized	P-AML	0.65	6	8			82			<20	0.28	<10	<10	85	<10		
K-08-0174	E603589	289.15	291.15	QTZT	non-mineralized	P-AML	0.32	<5	3			32			<20	0.13	<10	<10	34	<10		
K-08-0174	E603590	291.15	293.1	QTZT	non-mineralized	N-AML	0.18	<5	2			27			<20	0.12	<10	<10	26	<10		
K-10-0266	E757262	27.24	29.16	ICQS	non-mineralized	N-AML	0.0025	11	7	<10	<5	132	14	<10	12	0.18	<5	<5	137	<1	4	45
K-08-0174	E603592	293.1	295.05	QTZT	non-mineralized	N-AML	0.41	<5	3			88			<20	0.1	<10	<10	28	<10		
K-08-0174	E603593	295.05	296.02	QTZT	non-mineralized	P-AML	0.67	7	3			42			<20	0.11	<10	<10	28	<10		
K-08-0174	E603594	296.02	297.48	QTZT	non-mineralized	N-AML	0.52	<5	3			50			<20	0.1	<10	<10	32	<10		
K-10-0266	E757243	4	5.18	QTZT	non-mineralized	N-AML	0.0025	<1	<1	<10	<5	8	<10	<10	<5	0.04	<5	<5	6.2	<1	1	12
K-10-0266	E757244	5.18	6.48	QTZT	non-mineralized	N-AML	0.007	<1	<1	<10	<5	9	<10	<10	<5	0.03	<5	<5	7.4	<1	1	9
K-10-0266	E757246	6.48	7.92	TQTZT	non-mineralized	N-AML	0.005	5	5	<10	<5	124	<10	<10	5	0.16	<5	<5	119	<1	3	61
K-10-0266	E757247	7.92	9.18	TQTZT	non-mineralized	N-AML	0.0025	4	7	<10	<5	104	<10	<10	6	0.19	<5	<5	152	<1	4	44
K-10-0266	E757248	9.18	11.03	TQTZT	non-mineralized	N-AML	0.016	2	3	<10	<5	56	<10	<10	<5	0.09	<5	<5	52.7	<1	3	31
K-10-0266	E757249	11.03	12.5	QTZT	non-mineralized	N-AML	0.01	1	2	<10	<5	33	<10	<10	<5	0.06	<5	<5	27.1	<1	2	20
K-10-0266	E757251	12.5	13.55	QTZT	non-mineralized	N-AML	0.0025	<1	1	<10	<5	11	<10	<10	<5	0.05	<5	<5	15.5	<1	2	18
K-10-0266	E757252	13.55	14.79	TQTZT	non-mineralized	N-AML	0.007	1	3	<10	<5	52	<10	<10	<5	0.1	<5	<5	46.4	<1	3	34
K-10-0266	E757253	14.79	16.53	TQTZT	non-mineralized	N-AML	0.011	1	3	<10	<5	49	<10	<10	<5	0.08	<5	<5	47.8	<1	2	27
K-10-0266	E757254	16.53	17.86	TQTZT	non-mineralized	N-AML	0.007	1	4	<10	<5	66	<10	<10	<5	0.09	<5	<5	59.6	<1	3	27
K-10-0266	E757258	20.7	22.08	QTZT	non-mineralized	N-AML	0.005	1	5	<10	<5	80	<10	<10	<5	0.1	<5	<5	71.8	<1	4	38
K-10-0266	E757259	22.08	23.96	QTZT	non-mineralized	N-AML	0.0025	<1	3	<10	<5	42	<10	<10	<5	0.04	<5	<5	33	<1	3	20
K-10-0266	E757260	23.96	26.07	QTZT	non-mineralized	N-AML	0.01	<1	2	<10	<5	29	<10	<10	<5	0.05	<5	<5	24.4	<1	2	18
K-10-0266	E757261	26.07	27.24	QTZT	non-mineralized	N-AML	0.0025	4	<1	<10	<5	11	<10	<10	<5	0.02	<5	<5	6.7	<1	1	9
K-10-0266	E757263	29.16	30.32	QTZT	non-mineralized	N-AML	0.016	5	1	<10	<5	18	<10	<10	<5	0.04	<5	<5	14.1	<1	3	22
K-10-0266	E757264	30.32	32.1	QTZT	non-mineralized	N-AML	0.051	5	<1	<10	<5	16	<10	<10	<5	0.04	<5	<5	8.7	<1	2	18
K-10-0266	E757286	62.31	64.09	ICQS	non-mineralized	N-AML	0.03	12	9	<10	<5	133	<10	<10	13	0.13	<5	<5	157	1	2	42

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-10-0266	E757266	32.1	33.95	QTZT	non-mineralized	N-AML	0.023	8	3	<10	<5	45	<10	<10	7	0.07	<5	<5	43.8	<1	4	19
K-10-0266	E757267	33.95	35.36	GSCH	non-mineralized	N-AML	0.0025	14	5	<10	<5	135	<10	<10	12	0.28	<5	<5	153	1	4	44
K-10-0266	E757268	35.36	37.49	GSCH	non-mineralized	N-AML	0.013	11	6	<10	<5	143	<10	<10	14	0.19	<5	<5	145	<1	5	42
K-10-0266	E757269	37.49	39.07	QTZT	non-mineralized	N-AML	0.025	5	<1	<10	<5	18	<10	<10	<5	0.03	<5	<5	7.3	<1	1	9
K-10-0266	E757292	70.99	71.49	ICQS	non-mineralized	N-AML	0.008	5	<1	<10	<5	7	<10	<10	<5	0.03	<5	<5	7.3	<1	1	27
K-10-0266	E757293	71.49	72.64	ICQS	non-mineralized	N-AML	0.055	7	1	<10	<5	13	<10	<10	<5	0.04	<5	<5	13.9	<1	3	24
K-10-0266	E757270	39.07	40.8	QTZT	non-mineralized	N-AML	0.031	5	<1	<10	<5	14	<10	<10	<5	0.03	<5	<5	7.8	<1	3	13
K-10-0266	E757272	40.8	43.11	QTZT	non-mineralized	N-AML	0.039	6	<1	<10	<5	16	<10	<10	<5	0.04	<5	<5	7.8	<1	2	26
K-10-0266	E757273	43.11	44.31	TQTZT	non-mineralized	N-AML	0.0025	13	6	<10	<5	96	<10	<10	14	0.18	<5	<5	152	<1	4	40
K-10-0266	E757274	44.31	45.72	TQTZT	non-mineralized	N-AML	0.021	4	1	<10	<5	22	<10	<10	<5	0.04	<5	<5	16.4	<1	4	15
K-10-0266	E757276	45.72	47.74	TQTZT	non-mineralized	N-AML	0.015	6	2	<10	<5	21	<10	<10	<5	0.05	<5	<5	27.3	<1	2	14
K-10-0266	E757277	47.74	49.87	TQTZT	non-mineralized	N-AML	0.028	5	5	<10	<5	83	<10	<10	28	0.15	<5	<5	68.2	<1	5	33
K-10-0266	E757278	49.87	51.86	TQTZT	non-mineralized	N-AML	0.019	7	4	<10	<5	66	<10	<10	8	0.13	<5	<5	78	<1	2	28
K-10-0266	E757279	51.86	53.85	TQTZT	non-mineralized	N-AML	0.075	6	3	<10	<5	30	<10	<10	7	0.06	<5	<5	39.6	<1	3	21
K-10-0266	E757303	87.25	89.47	ICQS	non-mineralized	P-AML	0.348	6	9	<10	<5	81	<10	<10	7	0.19	<5	<5	132	1	4	52
K-10-0266	E757280	53.85	55.78	TQTZT	non-mineralized	N-AML	0.106	6	3	<10	<5	36	<10	<10	7	0.05	<5	<5	30.4	<1	3	18
K-10-0266	E757281	55.78	57.81	TQTZT	non-mineralized	N-AML	0.028	7	3	<10	<5	33	<10	<10	5	0.06	<5	<5	43.9	<1	3	22
K-10-0266	E757282	57.81	59.68	TQTZT	non-mineralized	N-AML	0.035	7	2	<10	<5	24	<10	<10	<5	0.06	<5	<5	30.9	<1	3	21
K-10-0266	E757283	59.68	61.59	TQTZT	non-mineralized	N-AML	0.062	7	<1	<10	<5	10	<10	<10	<5	0.03	<5	<5	10.3	<1	2	13
K-10-0266	E757285	61.59	62.31	TQTZT	non-mineralized	N-AML	0.013	7	<1	<10	<5	12	<10	<10	<5	0.03	<5	<5	6.9	<1	1	13
K-10-0266	E757287	64.09	65.37	QTZT	non-mineralized	N-AML	0.033	5	<1	<10	<5	13	<10	<10	<5	0.04	<5	<5	10.3	<1	1	11
K-10-0266	E757288	65.37	67.02	QTZT	non-mineralized	N-AML	0.032	4	<1	<10	<5	8	<10	<10	<5	0.03	<5	<5	6	<1	1	11
K-10-0266	E757289	67.02	68.83	QTZT	non-mineralized	N-AML	0.01	4	<1	<10	<5	11	<10	<10	<5	0.04	<5	<5	7.1	<1	1	12
K-10-0266	E757291	68.83	70.99	QTZT	non-mineralized	N-AML	0.014	11	5	<10	<5	103	<10	<10	11	0.15	<5	<5	132	<1	3	54
K-10-0266	E757294	72.64	74.74	QTZT	non-mineralized	N-AML	0.07	8	<1	<10	<5	11	<10	<10	<5	0.03	<5	<5	11.1	<1	2	24
K-10-0266	E757296	74.74	76.75	QTZT	non-mineralized	N-AML	0.076	6	2	<10	<5	31	<10	<10	<5	0.03	<5	<5	19.6	<1	2	11
K-10-0266	E757297	76.75	78.76	QTZT	non-mineralized	N-AML	0.08	9	<1	<10	<5	9	<10	<10	<5	0.03	<5	<5	7	<1	1	9
K-10-0266	E757299	80.73	81.63	QTZT	non-mineralized	N-AML	0.134	5	1	<10	<5	15	<10	<10	<5	0.05	<5	<5	11.9	<1	2	19
K-10-0266	E757300	81.63	84.45	QTZT	non-mineralized	N-AML	0.015	7	4	<10	<5	57	<10	<10	8	0.09	<5	<5	57.5	<1	2	23
K-10-0266	E757301	84.45	85.85	QTZT	non-mineralized	N-AML	0.128	2	2	<10	<5	42	<10	<10	<5	0.05	<5	<5	29.9	<1	2	14
K-10-0266	E757302	85.85	87.25	QTZT	non-mineralized	N-AML	0.121	<1	<1	<10	<5	21	<10	<10	<5	0.04	<5	<5	11	<1	2	11
K-10-0266	E757304	89.47	90.65	TQTZT	non-mineralized	N-AML	0.29	3	4	<10	<5	54	<10	<10	<5	0.1	<5	<5	48.8	<1	4	29
K-10-0266	E757307	92.72	94.66	TQTZT	non-mineralized	N-AML	0.204	3	6	<10	<5	56	<10	<10	<5	0.13	<5	<5	74.5	<1	4	32
K-10-0266	E757308	94.66	96.5	TQTZT	non-mineralized	N-AML	0.09	1	2	<10	<5	22	<10	<10	<5	0.05	<5	<5	22.4	<1	3	16
K-10-0266	E757309	96.5	98.63	TQTZT	non-mineralized	N-AML	0.136	3	4	<10	<5	89	<10	<10	<5	0.12	<5	<5	56.7	<1	5	26
K-10-0266	E757310	98.63	100.56	TQTZT	non-mineralized	N-AML	0.022	5	5	<10	<5	50	<10	<10	<5	0.16	<5	<5	92.3	<1	3	30
K-10-0266	E757312	101.28	102.58	QTZT	non-mineralized	N-AML	0.02	3	<1	<10	<5	9	<10	<10	<5	0.04	<5	<5	9.1	<1	2	10
K-10-0266	E757314	102.58	104.71	QTZT	non-mineralized	N-AML	0.061	<1	<1	<10	<5	17	<10	<10	<5	0.05	<5	<5	8.5	<1	2	14
K-10-0266	E757315	104.71	106.74	QTZT	non-mineralized	N-AML	0.032	2	<1	<10	<5	12	<10	<10	<5	0.05	<5	<5	9.7	<1	2	15
K-10-0266	E757317	108.28	109.3	TQTZT	non-mineralized	N-AML	0.036	10	6	<10	<5	74	<10	<10	7	0.12	<5	<5	79.7	<1	5	32
K-10-0266	E757319	109.3	110.26	QTZT	non-mineralized	N-AML	0.112	14	2	<10	<5	18	<10	<10	<5	0.04	<5	<5	19.7	<1	4	12
K-10-0266	E757320	110.26	112.23	QTZT	non-mineralized	N-AML	0.051	7	1	<10	<5	16	<10	<10	<5	0.06	<5	<5	21.3	<1	2	13
K-10-0266	E757321	112.23	113.93	QTZT	non-mineralized	N-AML	0.022	10	2	<10	<5	16	<10	<10	<5	0.07	<5	<5	22.6	<1	2	13
K-10-0266	E757322	113.93	115.58	QTZT	non-mineralized	N-AML	0.033	13	<1	<10	<5	10	<10	<10	<5	0.03	<5	<5	13.4	<1	2	9
K-10-0266	E757323	115.58	117.73	QTZT	mineralized	P-AML	0.82	25	<1	<10	6	12	<10	<10	<5	0.03	<5	<5	9.2	1	4	15
K-10-0266	E757325	117.73	119.58	QTZT	non-mineralized	N-AML	0.057	20	<1	<10	<5	8	<10	<10	<5	0.03	<5	<5	5.5	1	1	12
K-10-0266	E757326	119.58	120.77	QTZT	non-mineralized	N-AML	0.014	4	<1	<10	<5	5	<10	<10	<5	0.03	<5	<5	7.7	<1	1	11
K-10-0266	E757327	120.77	121.92	QTZT	non-mineralized	N-AML	0.052	16	4	<10	7	41	<10	<10	<5	0.08	<5	<5	56.4	1	4	25
K-10-0266	E757328	121.92	123.75	QTZT	non-mineralized	N-AML	0.029	7	4	<10	8	33	<10	<10	<5	0.06	<5	<5	40.9	1	5	19
K-10-0266	E757329	123.75	124.72	QTZT	non-mineralized	N-AML	0.052	12	5	<10	6	54	<10	<10	<5	0.07	<5	<5	83.4	<1	4	31
K-10-0266	E757331	124.72	126.61	QTZT	non-mineralized	N-AML	0.05	6	3	<10	<5	51	<10	<10	<5	0.05	<5	<5	45.2	1	4	19
K-10-0266	E757332	126.61	128.4	QTZT	non-mineralized	N-AML	0.054	6	3	<10	<5	44	<10	<10	<5	0.06	<5	<5	37.6	<1	3	18
K-10-0266	E757335	130.27	131.66	QTZT	non-mineralized	N-AML	0.181	7	13	<10	<5	122	<10	<10	8	0.16	<5	<5	148	<1	5	55
K-10-0266	E757351	153.66	155.73	ICQS	non-mineralized	P-AML	0.475	10	5	<10	<5	98	<10	<10	12	0.09	<5	<5	81.7	<1	2	25
K-10-0266	E757352	155.73	157.15	ICQS	non-mineralized	P-AML	0.435	9	5	<10	<5	112	<10	<10	11	0.05	<5	<5	65.7	<1	3	20
K-10-0266	E757336	131.66	133.6	TQTZT	non-mineralized	P-AML	0.379	5	3	<10	<5	40	<10	<10	<5	0.08	<5	<5	44.8	<1	2	21
K-10-0266	E757337	133.6	135.72	QTZT	non-mineralized	N-AML	0.067	2	<1	<10	<5	11	<10	<10	<5	0.04	<5	<5	10.3	<1	2	15
K-10-0266	E757338	135.72	137.11	QTZT	non-mineralized	N-AML	0.069	2	<1	<10	<5	10	<10	<10	<5	0.03	<5	<5	10.2	<1	2	12
K-10-0266	E757339	137.11	138.99	TQTZT	non-mineralized	N-AML	0.216	4	3	<10	<5	34	<10	<10	<5	0.05	<5	<5	36.2	<1	2	14
K-10-0266	E757340	138.99	140.58	TQTZT	non-mineralized	P-AML	0.597	6	9	<10	<5	125	<10	<10	6	0.11	<5	<5	94.3	<1	3	39
K-10-0266	E757341	140.58	142.79	TQTZT	non-mineralized	N-AML	0.212	13	3	<10	<5	76	<10	<10	7	0.14	<5	<5	77.6	<1	2	28
K-10-0266	E757342	142.79	144.5	QTZT	non-mineralized	N-AML	0.066	8	<1	<10	<5	18	<10	<10	12	0.05	<5	<5	12.9	<1	4	41
K-10-0266	E757343	144.5	146.59	QTZT	non-mineralized	N-AML	0.05	6	<1	<10	<5	7	<10	<10	12	0.02	<5	<5	4.4	<1	2	14
K-10-0266	E757344	146.59	147.14	TQTZT	non-mineralized	P-AML	0.327	17	6	<10	<5	105	12	<10	12	0.1	<5	<5	136	<1	2	42
K-10-0266	E757345	147.14	148.13	QTZT	non-mineralized	N-AML	0.023	8	<1	<10	<5	8	<10	<10	<5	0.05	<5	<5	9.9	<1	3	44
K-10-0266	E757347	148.13	149.57	QTZT	non-mineralized	N-AML	0.024	6	<1	<10	<5	5	<10	<10	<5	0.03	<5	<5	4.4	<1	2	17
K-10-0266	E757348	149.57	151.57	QTZT	non-mineralized	N-AML	0.023	5	<1	<10	<5	4	<10	<10	<5	0.02	<5	<5	4.1	<1	1	13
K-10-0266	E757350	151.57	153.66	QTZT	non-mineralized	N-AML	0.088	6	<1	<10	<5	13	<10	<10	<5	0.04	<5	<5	10.7	<1	2	12
K-10-0266	E757353	157.15	159	QTZT	non-mineralized	N-AML	0.092	5	<1	<10	<5	8	<10	<10	<5	0.02	<5	<5	6	<1	2	15
K-10-0266	E757355	159	160.32	QTZT	non-mineralized	N-AML	0.062	5	<1	<10	<5	10	<10	<10	<5	0.03	<5	<5	6.4	<1	1	13
K-10-0266	E757356	160.32	161.7	QTZT	non-mineralized	N-AML	0.056	4	<1	<10	<5	11	<10	<10	<5	0.02	<5	<5	4.2	<1	1	10
K-10-0266	E757357	161.7	163.56	QTZT	non-mineralized	N-AML	0.075	4	<1	<10	<5	13	<10	<10	<5	0.02	<5	<5	4	<1	2	20
K-10-0266	E757359	165.67	166.42	TQTZT	non-mineralized	N-AML	0.866	8	7	<10	<5	156	<10	<10	14	0.08	<5	<5	91.6	<1	4	28
K-10-0266	E757360	166.42	168.55	TQTZT	non-mineralized	N-AML	0.942	8	5	<10	<5	108	<10	<10	16	0.08	<5	<5	70.4	<1	4	27
K-10-0266	E757361	168.55	170.15	TQTZT	non-mineralized	N-AML	0.819	7	4	<10	<5	98	<10	<10	12	0.11	<5	<5	53.1	<1	4	27
K-10-0266	E757363	172.52	173.62	TQTZT	non-mineralized	N-AML	0.589	11	5	<10	<5	109	15	<10	13	0.19	<5	<5	81.6	<1	4	34
K-10-0266	E757364	173.62	175.49	TQTZT	non-mineralized	N-AML	0.197	6	<1	<10	<5	11	<10	<10	<5	0.05	<5	<5	9.7	<1	2	28

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-10-0266	E757366	175.49	177.6	QTZT	non-mineralized	N-AML	0.084	5	<1	<10	<5	10	<10	<10	<5	0.04	<5	<5	6.3	<1	2	22
K-10-0266	E757367	177.6	179.4	QTZT	non-mineralized	N-AML	0.097	5	<1	<10	<5	9	<10	<10	<5	0.03	<5	<5	5.8	<1	1	17
K-10-0266	E757368	179.4	181.49	QTZT	non-mineralized	N-AML	0.063	4	<1	<10	<5	11	<10	<10	<5	0.02	<5	<5	4	<1	1	10
K-10-0266	E757369	181.49	183.7	QTZT	non-mineralized	N-AML	0.088	4	<1	<10	<5	11	<10	<10	<5	0.02	<5	<5	4.3	<1	1	17
K-10-0266	E757371	183.7	185.76	QTZT	non-mineralized	N-AML	0.091	5	<1	<10	<5	11	<10	<10	<5	0.02	<5	<5	4.5	<1	1	13
K-10-0266	E757372	185.76	187.15	QTZT	non-mineralized	N-AML	0.103	2	<1	<10	<5	15	<10	<10	<5	0.03	<5	<5	7.8	<1	1	14
K-10-0266	E757373	187.15	188.52	TQTZT	non-mineralized	P-AML	0.613	14	4	<10	<5	68	<10	<10	11	0.18	<5	<5	98.8	<1	3	40
K-10-0266	E757374	188.52	190.33	TQTZT	non-mineralized	N-AML	0.872	12	3	<10	<5	43	<10	<10	8	0.08	<5	<5	48.5	<1	4	28
K-10-0266	E757376	190.33	191.7	QTZT	non-mineralized	N-AML	0.093	5	<1	<10	<5	7	<10	<10	<5	0.03	<5	<5	5.5	<1	1	10
K-10-0266	E757377	191.7	193.6	QTZT	non-mineralized	N-AML	0.125	4	<1	<10	<5	7	<10	<10	<5	0.03	<5	<5	5.3	<1	2	15
K-10-0266	E757378	193.6	195.68	QTZT	non-mineralized	N-AML	0.074	4	<1	<10	<5	7	<10	<10	<5	0.03	<5	<5	4.2	<1	1	14
K-10-0266	E757379	195.68	196.8	QTZT	non-mineralized	N-AML	0.093	8	<1	<10	<5	5	<10	<10	<5	0.03	<5	<5	5.4	<1	1	24
K-10-0266	E757380	196.8	197.32	TQTZT	non-mineralized	P-AML	0.626	8	3	<10	<5	52	<10	<10	9	0.08	<5	<5	65.1	<1	4	28
K-10-0266	E757381	197.32	199.48	TQTZT	non-mineralized	N-AML	0.43	<5	3			48			<20	0.13	<10	<10	33	<10		
K-10-0266	E757397	211.67	212.85	ICQS	non-mineralized	P-AML	0.38	<5	1			2			<20	0.06	<10	<10	8	<10		
K-10-0266	E757398	212.85	214.58	ICQS	non-mineralized	P-AML	0.36	<5	1			5			<20	0.06	<10	<10	7	<10		
K-10-0266	E757382	199.48	201.11	QTZT	non-mineralized	N-AML	0.12	<5	1			6			<20	0.06	<10	<10	5	<10		
K-10-0266	E757383	201.11	203.14	QTZT	non-mineralized	N-AML	0.06	<5	<1			63			<20	0.05	<10	<10	3	<10		
K-10-0266	E757385	205.29	206.05	QTZT	non-mineralized	N-AML	0.17	<5	1			5			<20	0.07	<10	<10	7	<10		
K-10-0266	E757387	206.05	206.88	QTZT	non-mineralized	N-AML	0.14	9	1			9			<20	0.08	<10	<10	11	<10		
K-10-0266	E757388	206.88	207.41	VM	mineralized	P-AML	0.62	<5	1			3			<20	0.05	<10	<10	4	10		
K-10-0266	E757390	207.41	207.85	VM	mineralized	P-AML	3.36	6	<1			3			<20	0.04	<10	<10	6	<10		
K-10-0266	E757391	207.85	208.55	VM	mineralized	P-AML	3.72	53	4			21			<20	0.14	<10	<10	40	<10		
K-10-0266	E757392	208.55	209.02	TQTZT	mineralized	P-AML	1.13	23	7			61			<20	0.23	<10	<10	73	40		
K-10-0266	E757393	209.02	210.32	TQTZT	non-mineralized	P-AML	0.96	9	8			62			<20	0.26	<10	<10	94	<10		
K-10-0266	E757394	210.32	210.92	TQTZT	non-mineralized	P-AML	0.88	6	5			26			<20	0.16	<10	<10	56	<10		
K-10-0268	E773331	13.33	14.87	ICQS	non-mineralized	N-AML	0.02	6	30			303			<20	0.63	<10	<10	267	<10		
K-10-0266	E757399	214.58	216.43	TQTZT	non-mineralized	P-AML	1.93	7	10			131			<20	0.32	<10	<10	119	<10		
K-10-0266	E757400	216.43	218.12	TQTZT	non-mineralized	N-AML	0.33	<5	2			28			<20	0.11	<10	<10	24	<10		
K-10-0266	E757402	219.76	221.57	TQTZT	non-mineralized	N-AML	0.621	8	5	<10	<5	175	<10	<10	10	0.19	<5	<5	74.3	<1	5	40
K-10-0266	E757403	221.57	223.57	TQTZT	non-mineralized	N-AML	0.188	5	<1	<10	<5	23	<10	<10	8	0.03	<5	<5	10.8	<1	2	12
K-10-0268	E773325	3.68	5.53	QTZT	non-mineralized	N-AML	0.04	<5	1			4			<20	0.07	<10	<10	8	<10		
K-10-0268	E773326	5.53	7.42	QTZT	non-mineralized	N-AML	0.01	<5	1			2			<20	0.08	<10	<10	7	<10		
K-10-0268	E773327	7.42	9.3	QTZT	non-mineralized	N-AML	0.01	6	6			8			<20	0.18	<10	<10	50	<10		
K-10-0268	E773328	9.3	11.05	QTZT	non-mineralized	N-AML	0.01	<5	1			4			<20	0.08	<10	<10	11	<10		
K-10-0268	E773329	11.05	13.33	QTZT	non-mineralized	N-AML	0.01	<5	1			<1			<20	0.07	<10	<10	7	<10		
K-10-0268	E773332	14.87	16.68	QTZT	non-mineralized	N-AML	0.005	<5	2			23			<20	0.1	<10	<10	19	<10		
K-10-0268	E773334	16.68	17.49	QTZT	non-mineralized	N-AML	0.01	<5	1			9			<20	0.06	<10	<10	8	<10		
K-10-0268	E773335	17.49	18.38	TQTZT	non-mineralized	N-AML	0.01	<5	4			32			<20	0.14	<10	<10	40	<10		
K-10-0268	E773337	18.38	20.12	TQTZT	non-mineralized	N-AML	0.01	<5	2			23			<20	0.08	<10	<10	17	<10		
K-10-0268	E773338	20.12	21.85	TQTZT	non-mineralized	N-AML	0.01	<5	3			24			<20	0.1	<10	<10	28	<10		
K-10-0268	E773339	21.85	24.02	TQTZT	non-mineralized	N-AML	0.01	7	5			57			<20	0.17	<10	<10	51	<10		
K-10-0268	E773340	24.02	25.35	QTZT	non-mineralized	N-AML	0.01	<5	1			8			<20	0.07	<10	<10	8	<10		
K-10-0268	E773341	25.35	27.08	QTZT	non-mineralized	N-AML	0.0025	1	<1	<10	<5	8	<10	<10	<5	0.04	<5	<5	6.3	<1	2	12
K-10-0268	E773342	27.08	29.26	QTZT	non-mineralized	N-AML	0.007	1	<1	<10	<5	9	<10	<10	<5	0.05	<5	<5	6.6	<1	2	14
K-10-0268	E773343	29.26	31.22	QTZT	non-mineralized	N-AML	0.074	1	<1	<10	<5	8	<10	<10	<5	0.05	<5	<5	6.2	<1	2	18
K-10-0268	E773344	31.22	32.5	TQTZT	non-mineralized	N-AML	0.023	3	4	<10	<5	61	<10	<10	<5	0.15	<5	<5	48.7	<1	4	29
K-10-0268	E773346	32.5	34.23	TQTZT	non-mineralized	N-AML	0.006	2	3	<10	<5	62	<10	<10	<5	0.14	<5	<5	46.5	<1	3	29
K-10-0268	E773347	34.23	36.08	TQTZT	non-mineralized	N-AML	0.013	3	5	<10	<5	69	<10	<10	6	0.11	<5	<5	74.2	<1	4	27
K-10-0268	E773348	36.08	38.1	TQTZT	non-mineralized	N-AML	0.014	2	3	<10	<5	27	<10	<10	<5	0.07	<5	<5	36.3	<1	4	13
K-10-0268	E773349	38.1	39.5	TQTZT	non-mineralized	N-AML	0.007	4	4	<10	<5	51	<10	<10	<5	0.08	<5	<5	37	<1	5	17
K-10-0268	E773351	39.5	40.96	TQTZT	non-mineralized	N-AML	0.025	2	2	<10	<5	11	<10	<10	<5	0.07	<5	<5	18.2	<1	2	14
K-10-0268	E773352	40.96	42.73	QTZT	non-mineralized	N-AML	0.012	1	<1	<10	<5	24	<10	<10	<5	0.03	<5	<5	4.9	<1	2	9
K-10-0268	E773353	42.73	45.16	QTZT	non-mineralized	N-AML	0.027	1	<1	<10	<5	6	<10	<10	<5	0.03	<5	<5	6.6	<1	2	13
K-10-0268	E773355	45.16	47	QTZT	non-mineralized	N-AML	0.011	7	<1	<10	<5	7	<10	<10	<5	0.05	<5	<5	7.4	<1	2	13
K-10-0268	E773357	48.45	50.17	QTZT	non-mineralized	N-AML	0.0025	2	<1	<10	<5	5	<10	<10	<5	0.03	<5	<5	7.4	<1	2	11
K-10-0268	E773358	50.17	52.21	TQTZT	non-mineralized	N-AML	0.023	3	6	<10	<5	80	<10	<10	<5	0.11	<5	<5	52.6	<1	5	30
K-10-0268	E773359	52.21	54	TQTZT	non-mineralized	N-AML	0.009	1	3	<10	<5	42	<10	<10	<5	0.09	<5	<5	23.7	<1	4	20
K-10-0268	E773369	67.4	68.88	ICQS	non-mineralized	N-AML	0.011	1	6	<10	<5	73	<10	<10	6	0.15	<5	<5	79.9	<1	4	37
K-10-0268	E773371	68.88	70.3	ICQS	non-mineralized	N-AML	0.035	2	7	<10	<5	77	<10	<10	7	0.12	<5	<5	90	<1	4	38
K-10-0268	E773360	54	55.93	TQTZT	non-mineralized	N-AML	0.011	<1	2	<10	<5	18	<10	<10	<5	0.08	<5	<5	17.9	<1	4	19
K-10-0268	E773362	58.28	59.92	QTZT	non-mineralized	N-AML	0.016	<1	<1	<10	<5	23	<10	<10	<5	0.04	<5	<5	11.2	<1	2	10
K-10-0268	E773363	59.92	61.52	QTZT	non-mineralized	N-AML	0.006	<1	<1	<10	<5	10	<10	<10	<5	0.03	<5	<5	5.6	<1	1	11
K-10-0268	E773364	61.52	63.51	QTZT	non-mineralized	N-AML	0.079	<1	1	<10	5	19	<10	<10	<5	0.04	<5	<5	11.9	<1	2	16
K-10-0268	E773366	63.51	65.52	QTZT	non-mineralized	N-AML	0.021	<1	<1	<10	<5	28	<10	<10	<5	0.03	<5	<5	8	<1	2	9
K-10-0268	E773367	65.52	66.18	TQTZT	non-mineralized	N-AML	0.029	1	4	<10	<5	49	<10	<10	<5	0.08	<5	<5	38.1	<1	4	19
K-10-0268	E773368	66.18	67.4	TQTZT	non-mineralized	N-AML	0.024	1	4	<10	<5	41	<10	<10	<5	0.11	<5	<5	46.8	<1	3	25
K-10-0268	E773372	70.3	72.15	GSCH	non-mineralized	N-AML	0.015	4	11	<10	<5	170	<10	<10	7	0.17	<5	<5	177	<1	3	62
K-10-0268	E773374	74.17	76.21	GSCH	non-mineralized	N-AML	0.06	4	11	<10	<5	173	<10	<10	7	0.21	<5	<5	164	<1	3	62
K-10-0268	E773376	76.21	77.69	GSCH	non-mineralized	N-AML	0.017	65	13	<10	<5	183	<10	<10	8	0.23	<5	<5	198	<1	3	66
K-10-0268	E773377	77.69	79.13	GSCH	non-mineralized	N-AML	0.228	6	9	<10	<5	129	<10	<10	6	0.09	<5	<5	98.8	<1	3	39
K-10-0268	E773378	79.13	80.36	QTZT	non-mineralized	N-AML	0.407	2	2	<10	<5	70	<10	<10	<5	0.02	<5	<5	20.8	<1	4	13
K-10-0268	E773379	80.36	82.43	QTZT	non-mineralized	N-AML	0.091	1	1	<10	<5	13	<10	<10	<5	0.04	<5	<5	11.9	<1	2	11
K-10-0268	E773380	82.43	84.12	QTZT	non-mineralized	N-AML	0.029	3	2	<10	<5	18	<10	<10	<5	0.09	<5	<5	22.7	<1	3	23
K-10-0268	E773381	84.12	85.94	QTZT	non-mineralized	N-AML	0.013	<1	<1	<10	<5	5	<10	<10	<5	0.05	<5	<5	5.4	<1	2	13
K-10-0268	E773382	85.94	87.87	QTZT	non-mineralized	N-AML	0.022	<1	<1	<10	<5	11	<10	<10	<5	0.04	<5	<5	4.4	<1	2	18
K-10-0268	E773383	87.87	89.52	QTZT	non-mineralized	N-AML	0.014	<1	<1	<10	<5	5	<10	<10	<5	0.04	<5	<5	5.3	<1	2	10

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-10-0268	E773384	89.52	91.3	QTZT	non-mineralized	N-AML	0.013	1	<1	<10	<5	5	<10	<10	<5	0.04	<5	<5	4.9	<1	2	12
K-10-0268	E773386	91.3	93.41	QTZT	non-mineralized	N-AML	0.007	1	<1	<10	<5	8	<10	<10	<5	<0.01	<5	<5	19	<1	2	11
K-10-0268	E773387	93.41	94.96	TQTZT	non-mineralized	N-AML	0.0025	2	3	<10	<5	43	<10	<10	<5	0.04	<5	<5	6.6	<1	3	20
K-10-0268	E773388	94.96	96.83	TQTZT	non-mineralized	N-AML	0.027	1	4	<10	<5	46	<10	<10	<5	0.07	<5	<5	32.2	<1	2	21
K-10-0268	E773390	96.83	98.7	TQTZT	non-mineralized	N-AML	0.018	6	<1	<10	<5	9	<10	<10	<5	0.03	<5	<5	5.5	<1	2	8
K-10-0268	E773391	98.7	100.46	TQTZT	non-mineralized	N-AML	0.176	3	5	<10	<5	61	<10	<10	5	0.11	<5	<5	66.5	<1	4	28
K-10-0268	E773394	102.41	104.52	QTZT	non-mineralized	N-AML	0.022	<1	<1	<10	<5	7	<10	<10	<5	0.03	<5	<5	5.1	<1	1	10
K-10-0268	E773395	104.52	106.26	QTZT	non-mineralized	N-AML	0.019	<1	<1	<10	<5	6	<10	<10	<5	0.03	<5	<5	4.7	<1	2	9
K-10-0268	E773396	106.26	108.24	QTZT	non-mineralized	N-AML	0.048	<1	<1	<10	<5	21	<10	<10	<5	0.02	<5	<5	7.8	<1	2	9
K-10-0268	E773397	108.24	110	QTZT	non-mineralized	N-AML	0.1	1	1	<10	<5	10	<10	<10	<5	0.05	<5	<5	9.9	<1	2	15
K-10-0268	E773398	110	111.65	TQTZT	non-mineralized	P-AML	0.348	3	6	<10	<5	62	<10	<10	<5	0.09	<5	<5	85.9	<1	3	31
K-10-0268	E773400	113.85	115.86	TQTZT	non-mineralized	P-AML	0.655	2	6	<10	<5	107	<10	<10	<5	0.04	<5	<5	78.1	<1	2	25
K-10-0268	E773401	115.86	117.7	TQTZT	non-mineralized	P-AML	0.522	2	7	<10	<5	108	<10	<10	<5	0.08	<5	<5	62.3	<1	3	33
K-10-0268	E773402	117.7	119.78	TQTZT	non-mineralized	N-AML	0.195	1	2	<10	<5	32	<10	<10	<5	0.06	<5	<5	30.3	<1	2	17
K-10-0268	E773403	119.78	121.66	TQTZT	non-mineralized	N-AML	0.107	<1	2	<10	<5	19	<10	<10	<5	0.06	<5	<5	38.4	<1	2	23
K-10-0268	E773404	121.66	122.53	TQTZT	non-mineralized	N-AML	0.08	1	4	<10	<5	46	<10	<10	<5	0.08	<5	<5	75.7	<1	2	29
K-10-0268	E773405	122.53	123.42	QTZT	non-mineralized	N-AML	0.034	<1	<1	<10	<5	6	<10	<10	<5	0.03	<5	<5	7.5	<1	<1	9
K-10-0268	E773407	123.42	125.49	QTZT	non-mineralized	N-AML	0.055	<1	<1	<10	<5	8	<10	<10	<5	0.02	<5	<5	4.3	<1	1	7
K-10-0268	E773408	125.49	127.36	QTZT	non-mineralized	N-AML	0.048	<1	<1	<10	<5	10	<10	<10	<5	0.03	<5	<5	4.5	<1	1	10
K-10-0268	E773409	127.36	129.21	QTZT	non-mineralized	N-AML	0.045	<1	<1	<10	<5	8	<10	<10	<5	0.04	<5	<5	4.2	<1	1	13
K-10-0268	E773411	129.21	131.08	QTZT	non-mineralized	N-AML	0.044	<1	<1	<10	<5	9	<10	<10	<5	0.04	<5	<5	4.7	<1	1	13
K-10-0268	E773412	131.08	132.79	QTZT	non-mineralized	P-AML	0.692	1	1	<10	<5	12	<10	<10	<5	0.05	<5	<5	20.4	<1	1	19
K-10-0268	E773413	132.79	134.66	QTZT	non-mineralized	N-AML	0.124	<1	2	<10	<5	17	<10	<10	<5	0.04	<5	<5	17.9	<1	1	9
K-10-0268	E773419	142.04	143.61	ICQS	non-mineralized	P-AML	0.557	10	9	<10	<5	125	<10	<10	5	0.16	<5	<5	153	<1	3	61
K-10-0268	E773414	134.66	136.65	QTZT	non-mineralized	N-AML	0.129	<1	<1	<10	<5	32	<10	<10	<5	0.03	<5	<5	13.1	<1	2	11
K-10-0268	E773415	136.65	138.78	QTZT	non-mineralized	N-AML	0.145	<1	<1	<10	<5	55	<10	<10	<5	0.03	<5	<5	13.1	<1	3	12
K-10-0268	E773417	139.72	142.04	TQTZT	non-mineralized	P-AML	0.719	1	3	<10	<5	53	<10	<10	<5	0.05	<5	<5	31.1	<1	2	14
K-10-0268	E773420	143.61	145.08	TQTZT	non-mineralized	P-AML	0.42	2	3	<10	<5	44	<10	<10	<5	0.05	<5	<5	31.3	<1	2	15
K-10-0268	E773421	145.08	147.25	TQTZT	non-mineralized	N-AML	0.373	<1	<1	<10	<5	43	<10	<10	<5	0.02	<5	<5	16.3	<1	3	14
K-10-0268	E773422	147.25	149.21	TQTZT	non-mineralized	N-AML	0.377	<1	6	<10	<5	44	<10	<10	<5	0.1	<5	<5	61.1	<1	2	11
K-10-0268	E773423	149.21	151.35	TQTZT	non-mineralized	N-AML	0.426	2	5	<10	<5	80	<10	<10	<5	0.13	<5	<5	73.3	<1	3	33
K-10-0268	E773424	151.35	153.18	GSCH	non-mineralized	P-AML	0.73	4	5	<10	<5	98	<10	<10	<5	0.17	<5	<5	121	<1	2	36
K-10-0268	E773426	153.18	155.15	TQTZT	non-mineralized	P-AML	0.695	1	4	<10	<5	51	<10	<10	<5	0.08	<5	<5	73.5	<1	2	28
K-10-0268	E773427	155.15	157.28	TQTZT	non-mineralized	N-AML	0.765	1	4	<10	<5	78	<10	<10	<5	0.07	<5	<5	47	<1	3	23
K-10-0268	E773428	157.28	159.13	TQTZT	non-mineralized	N-AML	0.775	<1	3	<10	<5	104	<10	<10	<5	0.04	<5	<5	36.4	<1	3	15
K-10-0268	E773429	159.13	160.54	TQTZT	non-mineralized	N-AML	0.393	<1	1	<10	<5	214	<10	<10	<5	0.01	<5	<5	10.9	<1	3	9
K-10-0268	E773431	160.54	161.43	GSCH	non-mineralized	P-AML	1.61	3	5	<10	<5	80	<10	<10	<5	0.11	<5	<5	104	<1	3	34
K-10-0268	E773432	161.43	163.67	QTZT	non-mineralized	N-AML	0.361	<1	2	<10	<5	73	<10	<10	<5	0.02	<5	<5	17.1	<1	2	9
K-10-0268	E773433	163.67	164.52	GSCH	non-mineralized	P-AML	1.4	3	7	<10	<5	104	<10	<10	<5	0.19	<5	<5	149	<1	3	61
K-10-0268	E773436	165.14	167.23	GSCH	non-mineralized	P-AML	0.43	4	9	<10	<5	144	<10	<10	6	0.14	<5	<5	129	<1	3	35
K-10-0268	E773437	167.23	169.05	GSCH	non-mineralized	P-AML	0.632	2	8	<10	<5	124	<10	<10	5	0.07	<5	<5	98.4	<1	3	25
K-10-0268	E773438	169.05	170.51	QTZT	non-mineralized	N-AML	0.388	<1	2	<10	<5	32	<10	<10	<5	0.03	<5	<5	22.4	<1	1	16
K-10-0268	E773439	170.51	172.67	QTZT	non-mineralized	N-AML	0.208	<1	2	<10	<5	41	<10	<10	<5	0.04	<5	<5	35.4	<1	2	18
K-10-0268	E773440	172.67	174.75	QTZT	non-mineralized	N-AML	0.241	2	4	<10	<5	100	<10	<10	<5	0.07	<5	<5	52.4	<1	2	22
K-10-0268	E773441	174.75	176.95	QTZT	non-mineralized	N-AML	0.07	<5	1			9			<20	0.06	<10	<10	5	<10		
K-10-0268	E773442	176.95	178.56	QTZT	non-mineralized	N-AML	0.1	<5	1			11			<20	0.08	<10	<10	10	<10		
K-10-0268	E773443	178.56	179.62	GSCH	non-mineralized	P-AML	0.46	<5	11			205			<20	0.36	<10	<10	134	<10		
K-10-0268	E773444	179.62	181.23	QTZT	non-mineralized	P-AML	0.3	<5	1			19			<20	0.07	<10	<10	13	<10		
K-10-0268	E773445	181.23	182.9	QTZT	non-mineralized	N-AML	0.14	<5	2			18			<20	0.08	<10	<10	18	<10		
K-10-0268	E773447	182.9	184.61	GSCH	non-mineralized	P-AML	1.17	8	11			128			<20	0.32	<10	<10	149	<10		
K-10-0268	E773448	184.61	186.27	TQTZT	non-mineralized	P-AML	0.34	<5	3			39			<20	0.12	<10	<10	31	<10		
K-10-0268	E773451	188.15	191.37	TQTZT	non-mineralized	N-AML	0.58	6	5			117			<20	0.19	<10	<10	60	<10		
K-10-0268	E773452	191.37	193.1	QTZT	non-mineralized	N-AML	0.13	<5	1			16			<20	0.05	<10	<10	6	<10		
K-10-0268	E773453	193.1	194.77	QTZT	non-mineralized	N-AML	0.08	<5	<1			58			<20	0.03	<10	<10	4	<10		
K-10-0268	E773455	194.77	196.12	QTZT	non-mineralized	N-AML	0.16	<5	1			26			<20	0.04	<10	<10	6	<10		
K-10-0268	E773456	196.12	198.04	QTZT	non-mineralized	P-AML	0.34	<5	1			6			<20	0.06	<10	<10	9	<10		
K-10-0268	E773458	199.03	201.04	QTZT	non-mineralized	P-AML	0.88	6	3			23			<20	0.13	<10	<10	34	<10		
K-10-0268	E773459	201.04	201.45	SM	non-mineralized	P-AML	0.36	<5	1			3			<20	0.05	<10	<10	5	<10		
K-10-0268	E773460	201.45	203.14	QTZT	non-mineralized	N-AML	0.15	<5	1			3			<20	0.07	<10	<10	6	<10		
K-10-0268	E773461	203.14	205.04	QTZT	non-mineralized	N-AML	0.57	<5	1			109			<20	0.04	<10	<10	6	<10		
K-10-0268	E773463	206.98	208.74	QTZT	non-mineralized	N-AML	0.1	<5	1			6			<20	0.06	<10	<10	7	<10		
K-10-0268	E773464	208.74	210.77	QTZT	non-mineralized	P-AML	0.29	<5	1			10			<20	0.06	<10	<10	9	<10		
K-10-0268	E773465	210.77	212.27	QTZT	non-mineralized	P-AML	0.65	7	3			23			<20	0.14	<10	<10	31	<10		
K-10-0268	E773466	212.27	214.49	TQTZT	non-mineralized	P-AML	0.36	9	5			50			<20	0.19	<10	<10	56	<10		
K-10-0268	E773468	214.49	215.38	TQTZT	non-mineralized	P-AML	0.69	13	3			23			<20	0.12	<10	<10	38	<10		
K-10-0268	E773469	215.38	217.55	TQTZT	non-mineralized	P-AML	1.14	8	4			32			<20	0.14	<10	<10	43	<10		
K-10-0268	E773470	217.55	219.01	TQTZT	non-mineralized	P-AML	0.76	7	6			44			<20	0.2	<10	<10	64	<10		
K-10-0268	E773472	219.01	220.55	QTZT	non-mineralized	P-AML	0.27	<5	1			7			<20	0.05	<10	<10	11	<10		
K-10-0268	E773473	220.55	222.78	QTZT	non-mineralized	P-AML	0.43	6	3			18			<20	0.11	<10	<10	29	<10		
K-10-0268	E773474	222.78	224.47	QTZT	non-mineralized	P-AML	0.45	6	1			8			<20	0.07	<10	<10	14	10		
K-10-0268	E773476	224.47	226.69	QTZT	non-mineralized	P-AML	0.32	<5	1			2			<20	0.06	<10	<10	6	<10		
K-10-0268	E773477	226.69	227.15	GSCH	non-mineralized	P-AML	2.32	9	13			127			<20	0.39	<10	<10	159	<10		
K-10-0268	E773478	227.15	229.04	QTZT	non-mineralized	P-AML	0.29	<5	1			7			<20	0.07	<10	<10	15	<10		
K-10-0268	E773479	229.04	229.77	QTZT	non-mineralized	N-AML	0.2	<5	<1			1			<20	0.05	<10	<10	4	<10		
K-10-0268	E773480	229.77	230.4	QTZT	non-mineralized	N-AML	0.15	<5	<1			<1			<20	0.06	<10	<10	4	<10		
K-10-0268	E773481	230.4	230.81	QTZT	non-mineralized	N-AML	0.14	<5	1			2			<20	0.07	<10	<10	6	<10		
K-10-0268	E773482	230.81	231.51	QTZT	non-mineralized	N-AML	0.09	<5	<1			2			<20	0.05	<10	<10	4	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-10-0268	E773483	231.51	232.42	QTZT	non-mineralized	N-AML	0.07	<5	<1			2			<20	0.05	<10	<10	4	<10		
K-10-0268	E773484	232.42	232.72	QTZT	non-mineralized	N-AML	0.11	23	<1			1			<20	0.05	<10	<10	4	<10		
K-10-0268	E773485	232.72	233.48	QTZT	non-mineralized	N-AML	0.31	5	1			20			<20	0.03	10	<10	4	10		
K-10-0268	E773487	233.48	234.17	QTZT	mineralized	P-AML	0.5	8	<1			39			<20	0.03	<10	<10	2	20		
K-10-0268	E773488	234.17	234.49	QTZT	mineralized	P-AML	0.74	35	<1			<1			<20	0.02	10	<10	2	30		
K-10-0268	E773489	234.49	235.12	QTZT	non-mineralized	P-AML	0.42	93	1			<1			<20	0.03	10	<10	2	<10		
K-10-0268	E773496	240.76	242.3	QTZT	non-mineralized	N-AML	0.1	<5	1			9			<20	0.06	<10	<10	9	<10		
K-10-0268	E773498	243.67	244.32	QTZT	non-mineralized	P-AML	0.62	5	5			59			<20	0.17	<10	<10	51	<10		
K-10-0268	E773499	244.32	245.67	QTZT	non-mineralized	P-AML	0.58	<5	5			78			<20	0.17	<10	<10	47	<10		
K-10-0268	E773500	245.67	247.5	QTZT	non-mineralized	N-AML	0.24	<5	1			12			<20	0.08	<10	<10	10	<10		
K-10-0269	E757404	63.84	67.51	QTZT	non-mineralized	N-AML	0.063	4	<1	<10	<5	6	<10	<10	<5	0.03	<5	<5	8	<1	<1	12
K-10-0269	E757405	67.51	68.85	VN	non-mineralized	N-AML	0.091	12	7	<10	7	40	18	<10	8	0.06	<5	<5	106	1	2	32
K-10-0269	E757406	68.85	70.5	VN	non-mineralized	N-AML	0.033	10	2	<10	<5	16	<10	<10	5	0.03	<5	<5	31	<1	2	18
K-10-0269	E757407	70.5	71.93	TQTZT	non-mineralized	N-AML	0.039	12	4	<10	<5	50	<10	<10	9	0.12	<5	<5	98.7	<1	3	36
K-10-0269	E757409	75.41	76.86	QTZT	non-mineralized	N-AML	0.022	8	<1	<10	<5	10	<10	<10	<5	0.03	<5	<5	7.1	<1	<1	13
K-10-0269	E757410	76.86	78.73	QTZT	non-mineralized	N-AML	0.051	5	<1	<10	<5	7	<10	<10	<5	0.02	<5	<5	6	<1	<1	8
K-10-0269	E757411	78.73	80.57	QTZT	non-mineralized	N-AML	0.024	6	<1	<10	<5	8	<10	<10	<5	0.03	<5	<5	11	<1	2	14
K-10-0269	E757412	80.57	82.38	QTZT	non-mineralized	N-AML	0.006	7	<1	<10	<5	5	<10	<10	<5	0.03	<5	<5	5.5	<1	1	29
K-10-0269	E757414	105.66	106.44	TQTZT	non-mineralized	N-AML	0.051	6	<1	<10	<5	9	<10	<10	<5	0.03	<5	<5	7	<1	2	16
K-10-0269	E757415	106.44	108.2	TQTZT	non-mineralized	N-AML	0.03	8	<1	<10	<5	6	<10	<10	8	0.03	<5	<5	4.6	<1	2	26
K-10-0269	E757416	108.2	109.46	TQTZT	non-mineralized	P-AML	0.274	11	3	<10	<5	31	<10	<10	10	0.05	<5	<5	32.9	<1	3	20
K-10-0269	E757418	228.82	230.43	TQTZT	non-mineralized	P-AML	0.95	9	6			55			<20	0.21	<10	<10	59	<10		
K-10-0269	E757419	230.43	231.17	TQTZT	non-mineralized	P-AML	0.7	5	1			10			<20	0.05	10	10	13	<10		
K-10-0269	E773722	231.17	231.75	VM	mineralized	P-AML	6.39	1565	1			5			<20	0.02	10	10	4	110		
K-10-0269	E757421	231.75	232.1	VM	mineralized	P-AML	0.89	158	1			16			<20	0.01	20	10	3	30		
K-10-0269	E757422	232.1	232.43	VM	mineralized	P-AML	1.86	1645	2			2			<20	0.02	20	20	7	80		
K-10-0269	E757423	232.43	233.48	VM	non-mineralized	P-AML	0.61	113	3			20			<20	0.06	10	<10	26	<10		
K-10-0269	E757424	233.48	234.1	QTZT	mineralized	P-AML	0.6	34	4			31			<20	0.14	<10	<10	44	<10		
K-10-0269	E757425	234.1	234.47	QTZT	non-mineralized	N-AML	0.14	<5	1			1			<20	0.05	<10	<10	6	<10		
K-10-0269	E757427	235.37	236.62	TQTZT	non-mineralized	P-AML	0.48	<5	1			4			<20	0.05	<10	<10	9	<10		
K-10-0269	E757429	236.62	237.37	TQTZT	non-mineralized	N-AML	0.2	11	1			6			<20	0.05	<10	<10	7	<10		
K-10-0269	E757430	237.37	237.96	TQTZT	non-mineralized	P-AML	0.79	9	3			22			<20	0.12	<10	<10	37	<10		
K-10-0269	E757432	237.96	240.41	TQTZT	non-mineralized	P-AML	0.76	11	5			41			<20	0.18	<10	<10	63	<10		
K-10-0269	E757433	240.41	241.74	TQTZT	non-mineralized	N-AML	0.2	<5	1			<1			<20	0.03	<10	<10	8	<10		
K-10-0269	E757434	241.74	242.84	TQTZT	non-mineralized	P-AML	0.33	<5	2			7			<20	0.05	<10	<10	17	<10		
K-10-0269	E757435	242.84	243.69	GSCH	non-mineralized	P-AML	2.33	21	9			74			<20	0.27	<10	<10	98	<10		
K-10-0269	E757437	243.69	244.91	GSCH	non-mineralized	P-AML	1.35	8	4			46			<20	0.15	<10	<10	50	<10		
K-10-0269	E757438	244.91	246.13	GSCH	non-mineralized	P-AML	1.98	14	9			98			<20	0.27	<10	<10	100	<10		
K-10-0269	E757439	246.13	247.07	TQTZT	non-mineralized	P-AML	1.61	12	8			102			<20	0.25	<10	<10	89	<10		
K-10-0269	E757440	247.07	248.72	TQTZT	non-mineralized	N-AML	1.42	11	6			70			<20	0.2	<10	<10	67	<10		
K-10-0270	E781634	189.89	190.18	QTZT	non-mineralized	N-AML	0.17	<5	1			9			<20	0.06	<10	<10	9	<10		
K-10-0270	E781635	191.56	191.76	QTZT	non-mineralized	P-AML	1.54	11	3			28			<20	0.11	<10	<10	39	<10		
K-10-0270	E781637	217.95	219.66	TQTZT	non-mineralized	P-AML	0.32	<5	3			33			<20	0.13	<10	<10	30	<10		
K-10-0270	E781638	219.66	220.4	QTZT	non-mineralized	P-AML	0.29	7	2			6			<20	0.05	<10	<10	9	<10		
K-10-0270	E781639	220.4	221.57	QTZT	non-mineralized	N-AML	0.1	<5	1			4			<20	0.07	<10	<10	6	<10		
K-10-0270	E781640	221.57	222.95	QTZT	non-mineralized	N-AML	0.2	5	1			4			<20	0.07	<10	<10	6	<10		
K-10-0270	E781641	222.95	223.78	QTZT	non-mineralized	P-AML	0.524	7	1	<10	6	14	<10	<10	<5	0.05	<5	<5	17.8	<1	2	14
K-10-0270	E781642	223.78	224.87	QTZT	non-mineralized	N-AML	0.188	2	1	<10	8	9	<10	<10	<5	0.03	<5	<5	10.5	<1	2	11
K-10-0270	E781643	224.87	225.23	QTZT	non-mineralized	P-AML	0.524	2	<1	<10	<5	9	<10	<10	<5	0.02	<5	<5	5	<1	2	8
K-10-0270	E781644	225.23	226.09	QTZT	non-mineralized	N-AML	0.154	5	<1	<10	<5	5	<10	<10	<5	0.03	<5	<5	6.7	<1	1	11
K-10-0270	E781680	226.09	226.77	SM	mineralized	P-AML	0.5	126	1			4			<20	0.05	<10	<10	6	<10		
K-10-0270	E781646	226.77	228.72	QTZT	non-mineralized	N-AML	0.192	2	1	<10	<5	10	<10	<10	<5	0.04	<5	<5	11.9	<1	1	10
K-10-0270	E781647	228.72	230.02	QTZT	non-mineralized	N-AML	0.165	35	1	<10	<5	8	<10	<10	<5	0.03	<5	<5	8.2	<1	2	10
K-10-0270	E781649	230.02	231.39	TQTZT	non-mineralized	P-AML	0.315	6	2	<10	<5	12	<10	<10	<5	0.05	<5	<5	18	<1	2	12
K-10-0270	E781650	231.39	232.9	TQTZT	non-mineralized	N-AML	0.21	4	2	<10	<5	14	<10	<10	<5	0.05	<5	<5	20.2	<1	2	14
K-10-0270	E781651	232.9	233.74	TQTZT	non-mineralized	P-AML	0.294	3	3	<10	<5	29	<10	<10	<5	0.1	<5	<5	41.9	<1	3	22
K-10-0270	E781652	233.74	235.73	QTZT	non-mineralized	N-AML	0.268	4	<1	<10	<5	17	<10	<10	<5	0.01	<5	<5	9.4	<1	3	7
K-10-0270	E781653	235.73	237.1	QTZT	non-mineralized	N-AML	0.099	1	<1	<10	<5	12	<10	<10	<5	0.02	<5	<5	8.2	<1	2	8
K-10-0270	E781654	237.1	238.75	QTZT	non-mineralized	N-AML	0.1	2	<1	<10	<5	4	<10	<10	<5	0.02	<5	<5	5.7	<1	2	11
K-10-0270	E781656	238.75	240.44	QTZT	non-mineralized	N-AML	0.189	3	2	<10	<5	9	<10	<10	<5	0.03	<5	<5	11.2	<1	3	10
K-10-0270	E781658	241.55	242.2	QTZT	non-mineralized	N-AML	0.214	3	2	<10	<5	8	<10	<10	<5	0.04	<5	<5	18.4	<1	2	12
K-10-0270	E781659	242.2	242.62	QTZT	non-mineralized	N-AML	0.09	4	4	<10	6	19	<10	<10	<5	0.04	<5	<5	32.5	<1	7	16
K-10-0270	E781661	243.28	243.8	SSCH	mineralized	P-AML	0.38	187	41			65			<20	0.7	<10	<10	381	10		
K-10-0270	E781662	243.8	244.28	SSCH	non-mineralized	P-AML	0.26	50	30			16			<20	0.86	<10	<10	337	30		
K-10-0270	E781660	242.62	243.28	QTZT	non-mineralized	N-AML	0.041	2	2	<10	<5	13	<10	<10	<5	0.02	<5	<5	14.4	<1	4	7
K-10-0270	E781663	244.28	244.93	QTZT	non-mineralized	N-AML	0.01	<5	2			6			<20	0.07	<10	<10	14	<10		
K-10-0270	E781664	244.93	245.51	SM	non-mineralized	N-AML	0.02	<5	1			13			<20	0.02	<10	<10	5	<10		
K-10-0270	E781667	245.92	246.51	GNST	non-mineralized	P-AML	0.4	76	32			5			<20	0.98	<10	<10	339	20		
K-10-0270	E781668	246.51	247.02	GNST	mineralized	P-AML	1.01	451	30			7			<20	1.12	<10	<10	360	30		
K-10-0270	E781669	247.02	247.51	GNST	mineralized	P-AML	0.5	148	35			7			<20	1.06	<10	<10	360	20		
K-10-0270	E781665	245.51	245.92	SM	non-mineralized	N-AML	0.01	5	3			19			<20	0.05	<10	<10	28	<10		
K-10-0270	E781672	247.85	248.72	GNST	non-mineralized	N-AML	0.07	71	34			37			<20	1.22	<10	<10	451	30		
K-10-0270	E781670	247.51	247.85	SM	mineralized	P-AML	0.77	268	22			4			<20	1.12	<10	<10	360	40		
K-10-0270	E781673	248.72	249.82	TQTZT	non-mineralized	N-AML	0.2	31	4			30			<20	0.17	<10	<10	52	<10		
K-10-0270	E781676	250.55	251.76	TQTZT	non-mineralized	N-AML	0.6	<5	5			48			<20	0.16	<10	<10	47	<10		
K-10-0270	E781678	253.29	255.23	QTZT	non-mineralized	N-AML	0.24	<5	2			37			<20	0.06	<10	<10	9	<10		
K-10-0270	E781679	255.23	256.95	QTZT	non-mineralized	N-AML	0.29	5	3			36			<20	0.09	<10	<10	24	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-10-0272	E757441	45.37	46.25	TQTZT	non-mineralized	N-AML	0.18	<5	2			13			<20	0.08	<10	<10	16	<10		
K-10-0272	E757444	47.52	48.9	TQTZT	non-mineralized	N-AML	0.02	<5	2			27			<20	0.05	<10	<10	7	<10		
K-10-0272	E757446	48.9	51.32	TQTZT	non-mineralized	N-AML	0.02	8	1			17			<20	0.07	<10	<10	10	<10		
K-10-0272	E757447	51.32	51.65	TQTZT	non-mineralized	N-AML	0.02	6	8			57			<20	0.33	<10	<10	87	<10		
K-10-0272	E757448	268.22	269.46	TQTZT	non-mineralized	N-AML	0.69	<5	4			88			<20	0.17	<10	<10	43	<10		
K-10-0272	E757449	269.46	270.03	TQTZT	non-mineralized	N-AML	1.03	5	5			66			<20	0.2	<10	<10	58	<10		
K-10-0272	E757465	270.03	270.36	TQTZT	mineralized	P-AML	1.23	8	5	<10	<5	66	<10	<10	<5	0.1	<5	<5	59.3	<1	7	26
K-10-0272	E757450	270.36	270.94	TQTZT	non-mineralized	N-AML	0.71	7	3			84			<20	0.13	<10	<10	34	<10		
K-10-0272	E757451	270.94	272.1	TQTZT	non-mineralized	P-AML	1.51	9	7			88			<20	0.25	<10	<10	75	<10		
K-10-0272	E757452	272.1	273.41	TQTZT	non-mineralized	N-AML	1.1	10	5			91			<20	0.2	<10	<10	60	<10		
K-10-0272	E757454	273.41	274.07	TQTZT	non-mineralized	N-AML	1.46	11	7			119			<20	0.26	<10	<10	83	<10		
K-10-0272	E757455	274.07	275.4	TQTZT	non-mineralized	N-AML	0.87	10	4			52			<20	0.15	<10	<10	44	<10		
K-10-0272	E757456	275.4	275.72	VM	non-mineralized	P-AML	1.9	17	8			83			<20	0.24	10	<10	90	<10		
K-10-0272	E757457	275.72	276.3	VM	non-mineralized	N-AML	1.12	23	9			58			<20	0.18	<10	<10	101	10		
K-10-0272	E757458	276.3	276.68	VM	non-mineralized	N-AML	0.33	<5	1			22			<20	0.04	<10	<10	6	<10		
K-10-0272	E757459	276.68	277.82	VM	non-mineralized	N-AML	0.32	10	1			54			<20	0.03	<10	<10	5	<10		
K-10-0272	E757460	277.82	278.43	VM	non-mineralized	N-AML	0.2	<5	1			13			<20	0.08	<10	<10	8	<10		
K-10-0272	E757461	278.43	279.04	VM	non-mineralized	N-AML	0.104	3	<1	<10	<5	16	<10	<10	<5	0.02	<5	<5	6.4	<1	1	6
K-10-0272	E757463	279.04	279.28	VM	non-mineralized	N-AML	0.092	9	<1	<10	6	31	<10	<10	<5	0.02	<5	<5	10.1	<1	2	10
K-10-0272	E757466	279.82	280.65	GSCH	non-mineralized	P-AML	1.42	10	6	<10	8	67	<10	<10	5	0.16	<5	<5	91.1	1	3	30
K-10-0272	E757467	280.65	281.91	GSCH	non-mineralized	P-AML	1.54	14	7	<10	<5	92	<10	<10	5	0.28	<5	<5	131	2	3	42
K-10-0272	E757469	281.91	282.65	VM	mineralized	P-AML	0.5	18	<1	<10	<5	9	<10	<10	<5	0.03	<5	<5	6.5	<1	<1	9
K-10-0272	E757470	282.65	284.07	VM	non-mineralized	P-AML	0.404	<1	<1	<10	<5	18	<10	<10	<5	0.04	<5	<5	23	<1	<1	<5
K-10-0272	E757471	284.07	284.91	GSCH	non-mineralized	N-AML	0.35	7	7	<10	<5	76	<10	<10	<5	0.16	<5	<5	99.6	1	3	41
K-10-0272	E757473	286.21	287.26	VM	non-mineralized	N-AML	0.087	<1	<1	<10	<5	9	<10	<10	<5	0.02	<5	<5	8	<1	1	5
K-10-0272	E757474	287.26	287.92	QTZT	non-mineralized	N-AML	0.048	<1	<1	<10	<5	4	<10	<10	<5	0.04	<5	<5	6	<1	1	10
K-10-0272	E757475	287.92	290.05	QTZT	non-mineralized	N-AML	0.076	<1	<1	<10	<5	5	<10	<10	<5	0.03	<5	<5	4.8	<1	1	8
K-10-0272	E757477	290.05	291.39	QTZT	non-mineralized	P-AML	0.342	3	2	<10	<5	21	<10	<10	<5	0.07	<5	<5	25.2	<1	2	13
K-10-0272	E757478	291.39	292.94	QTZT	non-mineralized	N-AML	0.148	2	1	<10	<5	9	<10	<10	<5	0.04	<5	<5	8.7	<1	2	12
K-10-0272	E757480	293.58	294.4	QTZT	non-mineralized	P-AML	0.308	2	<1	<10	<5	8	<10	<10	<5	0.04	<5	<5	8.2	<1	2	11
K-10-0272	E757482	295.78	297.84	TQTZT	non-mineralized	N-AML	0.531	4	3	<10	<5	57	<10	<10	<5	0.07	<5	<5	31.7	<1	4	18
K-10-0272	E757483	297.84	299.75	TQTZT	non-mineralized	N-AML	0.487	4	4	<10	<5	48	<10	<10	<5	0.1	<5	<5	47.8	<1	3	23
K-10-0272	E757484	299.75	301.83	TQTZT	non-mineralized	N-AML	0.279	3	3	<10	<5	69	<10	<10	<5	0.07	<5	<5	29.7	<1	4	16
K-10-0272	E757485	301.83	302.67	TQTZT	non-mineralized	N-AML	0.123	2	1	<10	<5	22	<10	<10	<5	0.03	<5	<5	13.9	<1	2	9
K-10-0272	E757487	302.67	303.89	TQTZT	non-mineralized	N-AML	0.098	9	<1	<10	<5	6	<10	<10	<5	0.01	<5	<5	5.6	<1	1	6
K-10-0272	E757488	303.89	304.63	TQTZT	non-mineralized	N-AML	0.151	<1	<1	<10	<5	6	<10	<10	<5	0.02	<5	<5	6.7	<1	2	8
K-10-0272	E757489	304.63	305.42	TQTZT	non-mineralized	N-AML	0.516	6	4	<10	<5	123	<10	<10	<5	0.03	<5	<5	35.2	<1	5	19
K-10-0272	E757492	306.93	308.89	TQTZT	non-mineralized	P-AML	0.295	2	4	<10	<5	39	<10	<10	<5	0.05	<5	<5	35.1	<1	2	11
K-10-0272	E757493	308.89	310.8	TQTZT	non-mineralized	N-AML	0.223	3	4	<10	<5	30	<10	<10	<5	0.05	<5	<5	38.6	<1	2	12
K-10-0272	E757494	310.8	311.15	TQTZT	non-mineralized	N-AML	0.092	1	<1	<10	<5	7	<10	<10	<5	0.03	<5	<5	8.8	<1	1	8
K-10-0272	E757496	311.15	313.03	QTZT	non-mineralized	N-AML	0.059	1	<1	<10	<5	9	<10	<10	<5	0.03	<5	<5	6.4	<1	1	6
K-10-0272	E757497	313.03	314.18	QTZT	non-mineralized	N-AML	0.042	1	<1	<10	<5	6	<10	<10	<5	0.02	<5	<5	5.3	<1	1	<5
K-10-0272	E757498	314.18	315.04	TQTZT	non-mineralized	N-AML	0.083	1	<1	<10	<5	8	<10	<10	<5	0.03	<5	<5	9.2	<1	2	7
K-10-0272	E757499	315.04	316.08	TQTZT	non-mineralized	N-AML	0.156	1	1	<10	<5	10	<10	<10	<5	0.03	<5	<5	9.7	<1	2	10
K-10-0272	E757500	316.08	316.989	TQTZT	non-mineralized	P-AML	0.478	2	4	<10	<5	25	<10	<10	<5	0.07	<5	<5	29.1	<1	2	15
K-10-0277	E781681	272.8	274.62	TQTZT	non-mineralized	P-AML	1.07	7	6			67			<20	0.21	<10	<10	62	<10		
K-10-0277	E781682	274.62	275.14	TQTZT	non-mineralized	P-AML	2.01	15	13			181			<20	0.39	<10	<10	136	<10		
K-10-0277	E781683	275.14	275.54	VM	non-mineralized	P-AML	0.36	69	4			20			<20	0.05	<10	<10	23	<10		
K-10-0277	E781684	275.54	276.11	VM	non-mineralized	P-AML	0.33	181	4			20			<20	0.05	<10	<10	23	<10		
K-10-0277	E781686	276.42	277.98	TQTZT	non-mineralized	P-AML	0.64	15	3			18			<20	0.07	<10	<10	21	<10		
K-10-0277	E781687	277.98	278.6	TQTZT	non-mineralized	N-AML	0.14	5	1			6			<20	0.06	<10	<10	8	<10		
K-10-0277	E781689	278.6	278.89	SM	mineralized	P-AML	3.59	548	1			21			<20	0.03	<10	<10	4	<10		
K-10-0277	E781690	278.89	280	TQTZT	non-mineralized	N-AML	0.18	5	2			17			<20	0.08	<10	<10	16	<10		
K-10-0278	E757501	71.7	73.19	TQTZT	non-mineralized	N-AML	0.043	10	6	<10	<5	87	<10	<10	9	0.09	<5	<5	100	3	3	45
K-10-0278	E757503	73.76	75.13	TQTZT	non-mineralized	N-AML	0.025	14	2	<10	<5	29	<10	<10	<5	0.07	<5	<5	35.3	1	3	26
K-10-0278	E757505	75.84	77.11	QTZT	non-mineralized	N-AML	0.016	9	<1	<10	<5	5	<10	<10	<5	0.04	<5	<5	6.9	<1	<1	12
K-10-0278	E757507	77.11	78.3	QTZT	non-mineralized	N-AML	0.012	5	<1	<10	<5	9	<10	<10	<5	0.03	<5	<5	4.8	<1	<1	13
K-10-0278	E757509	78.8	80.2	TQTZT	non-mineralized	N-AML	0.006	9	2	<10	<5	23	<10	<10	<5	0.06	<5	<5	33.5	1	1	24
K-10-0278	E757513	82	82.91	TQTZT	non-mineralized	N-AML	0.034	15	4	<10	<5	37	<10	<10	7	0.15	<5	<5	69	2	3	35
K-10-0278	E757515	83.9	85.65	QTZT	non-mineralized	N-AML	0.006	8	<1	<10	<5	6	<10	<10	<5	0.05	<5	<5	7.7	<1	1	16
K-10-0278	E757517	86.95	87.92	QTZT	non-mineralized	N-AML	0.006	3	<1	<10	<5	3	<10	<10	<5	0.03	<5	<5	3.5	<1	<1	13
K-10-0278	E757520	89.28	90.12	TQTZT	non-mineralized	N-AML	0.155	10	2	<10	<5	31	<10	<10	5	0.08	<5	<5	42.8	<1	2	25
K-10-0278	E757521	90.12	92.51	TQTZT	non-mineralized	N-AML	0.159	9	3	<10	<5	24	<10	<10	9	0.09	<5	<5	38.8	<1	3	21
K-10-0278	E757523	93.33	94.33	QTZT	non-mineralized	N-AML	0.112	8	2	<10	<5	20	<10	<10	<5	0.08	<5	<5	23.4	<1	2	26
K-10-0278	E757524	114.01	144.8	TQTZT	non-mineralized	N-AML	0.12	4	<1	<10	<5	6	<10	<10	<5	0.03	<5	<5	5.5	<1	1	14
K-10-0278	E757526	144.8	145.24	QTZT	non-mineralized	N-AML	0.102	7	<1	<10	<5	8	<10	<10	<5	0.03	<5	<5	4.8	<1	3	20
K-10-0278	E757528	145.24	146.1	QTZT	non-mineralized	N-AML	0.181	4	<1	<10	<5	13	<10	<10	<5	0.03	<5	<5	8.1	<1	2	14
K-10-0278	E757529	155.45	155.76	QTZT	non-mineralized	N-AML	0.1	5	<1	<10	<5	9	<10	<10	<5	0.03	<5	<5	6.4	<1	1	8
K-10-0278	E757530	155.76	156.06	QTZT	non-mineralized	N-AML	0.128	5	<1	<10	<5	6	<10	<10	<5	0.03	<5	<5	4.5	<1	2	19
K-10-0278	E757531	156.06	156.87	SM	non-mineralized	P-AML	0.58	6	<1	<10	<5	10	<10	<10	6	0.02	<5	<5	7.5	<1	2	15
K-10-0278	E757532	156.87	157.75	SM	non-mineralized	P-AML	1.34	13	1	<10	<5	18	<10	<10	9	0.03	<5	<5	16.1	<1	2	18
K-10-0278	E757533	157.75	158.2	SM	non-mineralized	P-AML	0.801	10	2	<10	<5	26	<10	<10	11	0.05	<5	<5	23.5	<1	3	31
K-10-0278	E757535	158.2	158.5	SM	non-mineralized	P-AML	0.561	10	1	<10	<5	14	<10	<10	7	0.03	<5	<5	9.9	<1	3	19
K-10-0278	E757536	158.5	159.72	SM	non-mineralized	P-AML	0.593	9	<1	<10	<5	4	<10	<10	<5	0.02	<5	<5	5	<1	1	18
K-10-0278	E757537	159.72	160.93	SM	non-mineralized	P-AML	1.05	9	3	<10	<5	31	<10	<10	7	0.05	<5	<5	62	<1	2	25
K-10-0278	E757538	160.93	162	SM	non-mineralized	P-AML	0.322	8	<1	<10	<5	10	<10	<10	<5	0.02	<5	<5	6.4	<1	1	13
K-10-0278	E757539	162	163.07	SM	non-mineralized	N-AML	0.14	9	<1	<10	<5	7	<10	<10	<5	0.03	<5	<5	6	<1	1	26

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-10-0278	E757540	163.07	164.8	TQTZT	non-mineralized	N-AML	0.269	5	<1	<10	<5	35	<10	<10	16	0.03	<5	<5	16.3	<1	4	22
K-10-0278	E757541	164.8	166.77	TQTZT	non-mineralized	N-AML	0.64	<5	3			37			<20	0.13	<10	<10	28	<10		
K-10-0278	e757542	227.08	228.3	TQTZT	non-mineralized	N-AML	0.24	<5	1			17			<20	0.06	<10	<10	12	<10		
K-10-0278	e757543	228.3	228.6	TQTZT	non-mineralized	P-AML	1.8	10	12			130			<20	0.5	<10	<10	156	<10		
K-10-0278	e757545	228.6	229.02	SM	non-mineralized	P-AML	0.43	<5	2			13			<20	0.09	<10	<10	23	<10		
K-10-0278	e757546	229.02	229.39	SM	non-mineralized	P-AML	0.28	<5	1			<1			<20	0.02	<10	<10	6	<10		
K-10-0278	e757547	229.39	230.27	SM	non-mineralized	P-AML	0.59	10	1			2			<20	0.05	<10	<10	10	<10		
K-10-0278	e757548	230.27	230.47	VM	mineralized	P-AML	8.51	914	4			14			<20	0.06	<10	<10	34	90		
K-10-0278	e757550	230.47	230.8	VM	mineralized	P-AML	1.75	114	2			68			<20	0.03	<10	<10	15	<10		
K-10-0278	e757551	230.8	231.2	VM	non-mineralized	N-AML	0.3	65	2			75			<20	0.01	<10	<10	5	<10		
K-10-0278	e757552	231.2	231.55	VM	non-mineralized	N-AML	0.51	11	1			55			<20	0.02	<10	<10	5	<10		
K-10-0278	e757553	231.55	231.79	SM	mineralized	P-AML	1.42	1135	1			2			<20	0.01	<10	<10	8	<10		
K-10-0278	e757554	231.79	232.38	SM	mineralized	P-AML	0.71	18	1			2			<20	0.03	<10	<10	5	<10		
K-10-0278	e757555	232.38	232.67	SM	non-mineralized	P-AML	0.6	4190	1			1			<20	0.03	<10	<10	5	100		
K-10-0278	e757556	232.67	233	SM	non-mineralized	P-AML	0.35	5	1			<1			<20	0.01	<10	<10	6	<10		
K-10-0278	e757558	233	233.78	QTZT	non-mineralized	N-AML	0.22	17	1			<1			<20	0.03	<10	<10	5	<10		
K-10-0278	e757559	233.78	235.15	QTZT	non-mineralized	N-AML	0.18	<5	1			<1			<20	0.03	<10	<10	6	<10		
K-10-0278	e757560	235.15	235.76	QTZT	non-mineralized	N-AML	0.16	8	1			<1			<20	<0.01	<10	<10	5	<10		
K-10-0278	e757561	235.76	236.68	QTZT	non-mineralized	P-AML	0.74	11	3			16			<20	0.1	<10	<10	37	<10		
K-10-0278	e757562	236.68	238.05	TQTZT	non-mineralized	N-AML	0.19	<5	4			53			<20	0.18	<10	<10	42	<10		
K-10-0278	e757563	238.05	238.96	TQTZT	non-mineralized	P-AML	0.34	6	1			5			<20	0.04	<10	<10	8	<10		
K-10-0278	e757564	238.96	239.88	TQTZT	non-mineralized	P-AML	1.83	9	3			34			<20	0.14	<10	<10	36	<10		
K-10-0278	e757566	239.88	241.2	TQTZT	non-mineralized	P-AML	0.53	<5	2			11			<20	0.09	<10	<10	18	<10		
K-10-0278	e757567	241.2	241.89	GSCH	non-mineralized	P-AML	0.7	11	10			101			<20	0.34	<10	<10	104	<10		
K-10-0278	e757570	242.02	242.7	TQTZT	non-mineralized	P-AML	3.54	20	7			65			<20	0.21	<10	<10	89	10		
K-10-0278	e757572	242.7	242.93	TQTZT	non-mineralized	P-AML	1.49	10	7			59			<20	0.21	<10	<10	99	<10		
K-10-0278	e757573	242.93	243.85	TQTZT	non-mineralized	P-AML	2.14	20	6			58			<20	0.2	<10	<10	91	<10		
K-10-0278	e757574	243.85	244.2	TQTZT	mineralized	P-AML	2.1	26	3			30			<20	0.14	<10	<10	44	10		
K-10-0278	e757591	244.2	244.57	SM	non-mineralized	P-AML	0.336	26	<1	<10	<5	6	<10	<10	<5	0.04	<5	25	6.4	<1	1	22
K-10-0278	e757575	244.57	244.93	SM	mineralized	P-AML	0.52	97	1			5			<20	0.06	<10	<10	5	<10		
K-10-0278	e757576	244.93	245.37	SM	mineralized	P-AML	0.62	62	1			4			<20	0.05	<10	<10	5	<10		
K-10-0278	e757577	245.37	245.67	SM	mineralized	P-AML	1.62	811	<1			4			<20	0.05	<10	<10	5	10		
K-10-0278	e757578	245.67	245.97	SM	mineralized	P-AML	2.76	64	<1			7			<20	0.07	<10	<10	5	<10		
K-10-0278	e757579	245.97	246.39	SM	mineralized	P-AML	0.96	16	<1			5			<20	0.06	<10	<10	5	10		
K-10-0278	e757580	246.39	246.7	SM	mineralized	P-AML	5.91	5580	<1			1			<20	0.02	<10	<10	2	130		
K-10-0278	e757581	246.7	246.9	SM	non-mineralized	P-AML	0.44	109	1			4			<20	<0.01	<10	<10	5	<10		
K-10-0278	e757582	246.9	247.3	VM	non-mineralized	P-AML	1.75	189	3			74			<20	0.09	<10	<10	40	<10		
K-10-0278	e757583	247.3	247.97	VM	non-mineralized	P-AML	0.35	120	2			9			<20	0.05	<10	<10	16	<10		
K-10-0278	e757584	247.97	248.41	VM	non-mineralized	P-AML	0.973	49	2	<10	14	20	17	<10	18	0.06	<5	212	24.1	<1	4	20
K-10-0278	e757585	248.41	249.02	VM	non-mineralized	P-AML	1.28	103	4	<10	<5	21	<10	<10	15	0.07	<5	137	37.5	<1	3	24
K-10-0278	e757586	249.02	250	VM	non-mineralized	P-AML	0.275	43	3	<10	<5	31	<10	<10	7	0.15	<5	33	74.1	<1	2	33
K-10-0278	e757588	250	250.85	TQTZT	non-mineralized	P-AML	0.252	13	1	<10	<5	8	<10	<10	<5	0.05	<5	36	12.2	<1	4	20
K-10-0278	e757589	250.85	252.07	TQTZT	non-mineralized	N-AML	0.448	12	1	<10	<5	56	<10	<10	<5	0.05	<5	28	17	<1	3	19
K-10-0279	E757592	212.7	213.3	TQTZT	non-mineralized	N-AML	0.095	8	<1	<10	<5	7	<10	<10	<5	0.03	<5	11	5.9	<1	<1	16
K-10-0279	E757593	213.3	213.58	TQTZT	non-mineralized	N-AML	0.105	6	1	<10	<5	48	<10	<10	23	0.02	<5	57	12.1	<1	5	10
K-10-0279	E757594	213.58	214.12	TQTZT	non-mineralized	N-AML	0.04	6	2	<10	<5	70	<10	<10	23	0.03	<5	68	23.7	<1	4	13
K-10-0279	E757596	217.36	218.54	QTZT	non-mineralized	N-AML	0.246	9	1	<10	<5	22	<10	<10	13	0.03	<5	35	14.7	<1	2	14
K-10-0279	E757597	218.54	218.77	QTZT	non-mineralized	N-AML	0.159	6	<1	<10	<5	75	<10	<10	27	0.01	<5	79	12.9	<1	4	11
K-10-0279	E757598	218.77	219.56	QTZT	non-mineralized	N-AML	0.054	7	<1	<10	<5	8	<10	<10	5	0.02	<5	16	5.9	<1	<1	9
K-10-0279	E757599	237.8	238.07	TQTZT	mineralized	P-AML	0.585	11	1	<10	<5	6	<10	<10	14	0.04	<5	124	6.6	<1	2	15
K-10-0279	E757600	240.19	240.4	TQTZT	non-mineralized	P-AML	1.85	12	<1	<10	<5	9	<10	<10	<5	0.03	<5	61	18.2	<1	<1	12
K-10-0279	E757601	240.4	242.2	QTZT	non-mineralized	N-AML	0.17	<5	1			6			<20	0.01	<10	<10	5	<10		
K-10-0279	E757602	242.2	242.93	SM	non-mineralized	N-AML	0.2	8	<1			6			<20	<0.01	<10	<10	4	<10		
K-10-0279	E757603	242.93	244.9	SM	non-mineralized	N-AML	0.16	<5	1			32			<20	0.01	<10	<10	5	<10		
K-10-0279	E757604	244.9	246.18	VM	non-mineralized	P-AML	1.56	65	4			31			<20	0.08	<10	<10	47	<10		
K-10-0279	E757605	246.18	247.05	VM	mineralized	P-AML	0.7	1355	1			<1			<20	<0.01	<10	<10	6	<10		
K-10-0279	E757607	247.05	247.91	SM	non-mineralized	N-AML	0.22	11	1			1			<20	0.02	<10	<10	12	<10		
K-10-0279	E757608	247.91	249.67	SM	non-mineralized	P-AML	0.85	10	4			41			<20	0.13	<10	<10	54	<10		
K-10-0279	E757609	249.67	250.52	CQTZT	non-mineralized	N-AML	0.32	<5	1			24			<20	0.05	<10	<10	13	<10		
K-10-0279	E757611	250.52	251.9	ICQS	non-mineralized	P-AML	2.28	13	12			120			<20	0.3	<10	<10	137	<10		
K-10-0279	E757612	251.9	253.02	TQTZT	non-mineralized	N-AML	0.4	<5	2			16			<20	0.05	<10	<10	16	<10		
K-10-0279	E757613	253.02	253.94	TQTZT	non-mineralized	N-AML	0.12	<5	1			1			<20	0.04	<10	<10	6	<10		
K-10-0279	E757614	253.94	255.42	TQTZT	non-mineralized	N-AML	0.12	<5	1			69			<20	0.01	<10	<10	7	<10		
K-10-0279	E757617	256.78	257.75	QTZT	non-mineralized	P-AML	0.28	<5	2			16			<20	0.08	<10	<10	20	<10		
K-10-0279	E757618	257.75	258.95	QTZT	non-mineralized	N-AML	0.1	<5	1			<1			<20	0.03	<10	<10	5	<10		
K-10-0279	E757619	258.95	259.63	QTZT	non-mineralized	N-AML	0.09	<5	1			<1			<20	0.03	<10	<10	5	<10		
K-10-0279	E757620	259.63	260.48	QTZT	non-mineralized	N-AML	0.11	<5	1			<1			<20	0.04	<10	<10	5	<10		
K-10-0279	E757621	260.48	260.89	QTZT	non-mineralized	N-AML	0.12	<5	1			<1			<20	0.04	<10	<10	5	<10		
K-10-0279	E757622	260.89	262.01	QTZT	non-mineralized	N-AML	0.11	<5	1			<1			<20	0.04	<10	<10	5	<10		
K-10-0279	E757623	262.01	263.19	QTZT	non-mineralized	P-AML	0.39	<5	1			2			<20	0.04	<10	<10	5	<10		
K-10-0279	E757624	263.19	264.26	QTZT	non-mineralized	P-AML	0.25	<5	1			<1			<20	0.04	<10	<10	5	<10		
K-10-0279	E757625	264.26	265.85	QTZT	non-mineralized	P-AML	1.03	5	2			27			<20	0.08	<10	<10	36	<10		
K-10-0279	E757627	265.85	267.31	QTZT	non-mineralized	P-AML	0.52	<5	2			28			<20	0.08	<10	<10	23	<10		
K-10-0279	E757628	267.31	269.02	QTZT	non-mineralized	P-AML	0.26	<5	1			3			<20	0.04	<10	<10	5	<10		
K-10-0279	E757629	269.02	270.36	QTZT	non-mineralized	P-AML	0.61	<5	1			10			<20	0.08	<10	<10	6	<10		
K-10-0280	E781691	249.75	250.62	TQTZT	non-mineralized	P-AML	0.42	<5	4			39			<20	0.17	<10	<10	44	<10		
K-10-0280	E781692	250.62	251.46	SM	non-mineralized	N-AML	0.13	5	1			21			<20	0.06	<10	<10	8	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-10-0280	E781693	251.46	252.28	SM	non-mineralized	N-AML	0.14	<5	1			55			<20	0.03	<10	<10	5	<10		
K-10-0280	E781694	252.28	252.87	SM	non-mineralized	N-AML	0.09	<5	1			49			<20	0.03	<10	<10	5	<10		
K-10-0280	E781696	252.87	253.57	SM	non-mineralized	N-AML	0.15	<5	1			11			<20	0.08	<10	<10	8	<10		
K-10-0280	E781697	253.57	254.64	SM	non-mineralized	N-AML	0.16	<5	2			21			<20	0.09	<10	<10	18	<10		
K-10-0280	E781699	254.64	256.46	TQTZT	non-mineralized	P-AML	0.33	<5	2			22			<20	0.1	<10	<10	22	<10		
K-10-0280	E781700	256.46	258.55	TQTZT	non-mineralized	N-AML	0.11	<5	1			13			<20	0.09	<10	<10	13	<10		
K-10-0280	E781701	258.55	259.9	TQTZT	non-mineralized	N-AML	0.163	2	1	<10	<5	14	<10	<10	<5	0.04	<5	<5	33.4	<1	2	14
K-10-0280	E781702	259.9	261.72	TQTZT	non-mineralized	P-AML	0.291	3	2	<10	<5	35	<10	<10	<5	0.05	<5	<5	54.3	<1	4	12
K-10-0280	E781703	261.72	263.65	TQTZT	non-mineralized	N-AML	0.15	2	<1	<10	<5	3	<10	<10	<5	0.03	<5	<5	19.7	<1	3	12
K-10-0280	E781704	263.65	265.63	TQTZT	non-mineralized	N-AML	0.168	4	<1	<10	<5	6	<10	<10	<5	0.04	<5	<5	23.4	<1	2	11
K-10-0280	E781706	265.63	267.3	QTZT	non-mineralized	N-AML	0.143	44	<1	<10	<5	18	<10	<10	<5	0.02	<5	<5	35	<1	2	9
K-10-0280	E781707	267.3	269.16	QTZT	non-mineralized	N-AML	0.0025	6	2	<10	<5	11	<10	<10	<5	0.04	<5	<5	45.3	<1	2	9
K-10-0280	E781708	269.16	270.96	GNST	non-mineralized	N-AML	0.0025	5	42	<10	<5	387	<10	<10	<5	1.05	<5	<5	775	<1	24	38
K-10-0280	E781709	270.96	272.31	GNST	non-mineralized	N-AML	0.006	7	41	<10	<5	545	<10	<10	<5	1.09	<5	<5	797	<1	27	47
K-10-0280	E781710	272.31	274.27	VM	non-mineralized	N-AML	0.749	14	5	<10	18	41	<10	<10	<5	0.07	<5	<5	122	<1	4	21
K-10-0280	E781712	274.27	275.84	VM	non-mineralized	P-AML	0.497	6	2	<10	6	17	<10	<10	<5	0.05	<5	<5	50.8	<1	5	14
K-10-0280	E781713	275.84	277.83	VM	non-mineralized	P-AML	0.421	12	6	<10	23	61	<10	<10	<5	0.09	<5	<5	191	<1	4	34
K-10-0280	E781714	277.83	278.89	SM	non-mineralized	P-AML	0.311	6	2	<10	<5	20	<10	<10	<5	0.04	<5	<5	63.7	<1	2	13
K-10-0280	E781715	278.89	279.89	SM	non-mineralized	N-AML	0.155	2	1	<10	<5	6	<10	<10	<5	0.03	<5	<5	23.2	<1	3	11
K-10-0280	E781716	279.89	280.35	SM	non-mineralized	N-AML	0.198	3	2	<10	<5	21	<10	<10	<5	0.05	<5	<5	51.7	<1	3	10
K-10-0280	E781717	280.35	281.94	SM	non-mineralized	N-AML	0.735	5	3	<10	<5	45	<10	<10	<5	0.08	<5	<5	83.4	<1	3	17
K-10-0280	E781719	281.94	282.36	SM	non-mineralized	N-AML	0.749	8	3	<10	<5	40	<10	<10	<5	0.08	<5	<5	68.6	<1	16	18
K-10-0280	E781720	282.36	282.58	SM	non-mineralized	P-AML	3.62	30	7	<10	<5	93	<10	<10	8	0.2	<5	<5	284	<1	7	58
K-10-0280	E781721	282.58	283.21	SM	non-mineralized	N-AML	0.504	9	3	<10	<5	38	<10	<10	<5	0.07	<5	<5	72.4	<1	8	23
K-10-0280	E781722	283.21	284	TQTZT	non-mineralized	P-AML	0.286	2	1	<10	<5	18	<10	<10	<5	0.04	<5	<5	35.2	<1	2	14
K-10-0280	E781723	284	284.99	TQTZT	non-mineralized	N-AML	0.224	2	2	<10	<5	15	<10	<10	<5	0.04	<5	<5	42.8	<1	3	13
K-10-0280	E781725	284.99	285.7	TQTZT	non-mineralized	N-AML	0.191	5	1	<10	<5	7	<10	<10	<5	0.03	<5	<5	17.6	<1	3	14
K-10-0280	E781726	285.7	288.49	TQTZT	non-mineralized	N-AML	0.446	5	4	<10	<5	58	<10	<10	<5	0.04	<5	<5	76.1	<1	8	23
K-10-0280	E781728	288.49	290.4	TQTZT	non-mineralized	P-AML	0.379	10	4	<10	<5	36	<10	<10	<5	0.05	<5	<5	90.2	<1	4	22
K-10-0280	E781729	290.4	291.81	GSCH	non-mineralized	N-AML	0.222	8	5	<10	<5	68	<10	<10	<5	0.07	<5	<5	184	<1	2	27
K-10-0280	E781730	291.81	293.35	GSCH	non-mineralized	P-AML	0.789	5	8	<10	<5	102	<10	<10	<5	0.12	<5	<5	268	<1	4	49
K-10-0280	E781732	293.35	294.13	GNST	non-mineralized	N-AML	0.129	3	4	<10	<5	138	<10	<10	<5	0.12	<5	<5	222	<1	2	21
K-10-0282	E757630	112.42	112.62	QTZT	non-mineralized	N-AML	0.07	10	1			3			<20	0.06	<10	<10	4	<10		
K-10-0282	E757631	219.22	219.76	GNST	non-mineralized	N-AML	0.27	7	28			179			<20	1.1	<10	<10	324	<10		
K-10-0282	E757632	267.31	268.26	QTZT	non-mineralized	N-AML	0.18	<5	1			9			<20	0.06	<10	<10	7	<10		
K-10-0282	E757633	268.26	269.49	SM	non-mineralized	N-AML	0.15	<5	1			2			<20	0.05	<10	<10	5	<10		
K-10-0282	E757635	269.49	270.08	SM	non-mineralized	N-AML	0.22	<5	1			7			<20	0.06	<10	<10	7	<10		
K-10-0282	E757636	270.08	270.47	SM	mineralized	P-AML	1.02	32	1			103			<20	0.03	<10	<10	7	<10		
K-10-0282	E757638	270.47	270.85	SM	mineralized	P-AML	0.62	14	1			19			<20	0.03	<10	<10	5	<10		
K-10-0282	E757639	270.85	271.4	SM	non-mineralized	P-AML	0.45	8	1			3			<20	0.05	<10	<10	7	<10		
K-10-0282	E757641	272.65	273.13	TQTZT	non-mineralized	P-AML	0.88	10	3			28			<20	0.14	<10	<10	30	<10		
K-10-0282	E757642	273.13	274.3	TQTZT	non-mineralized	P-AML	0.53	12	3			22			<20	0.11	<10	<10	37	<10		
K-10-0282	E757643	274.3	275.69	TQTZT	non-mineralized	P-AML	0.3	5	2			9			<20	0.09	<10	<10	17	<10		
K-10-0282	E773719	295.57	297.56	QTZT	non-mineralized	N-AML	0.14	<5	1			21			<20	0.09	<10	<10	10	<10		
K-10-0282	E773721	298.39	299.76	QTZT	non-mineralized	P-AML	0.42	13	3			17			<20	0.12	<10	<10	35	<10		
K-10-0283	E781733	126.11	126.89	GSCH	non-mineralized	P-AML	3.09	10	9	<10	<5	82	<10	<10	5	0.19	<5	<5	327	3	3	46
K-10-0283	E781735	127.48	132	QTZT	non-mineralized	P-AML	1.6	5	3	<10	<5	29	<10	<10	<5	0.08	<5	<5	126	1	2	13
K-10-0283	E781737	132.56	134.34	TQTZT	non-mineralized	P-AML	0.489	3	1	<10	<5	10	<10	<10	<5	0.03	<5	<5	32.8	<1	2	12
K-10-0283	E781738	134.34	136.93	TQTZT	non-mineralized	P-AML	0.97	7	4	<10	5	34	<10	<10	<5	0.09	<5	<5	131	1	2	28
K-10-0283	E781740	137.1	138.18	QTZT	non-mineralized	P-AML	1.1	14	1	<10	<5	13	<10	<10	<5	0.03	<5	<5	38.4	<1	2	17
K-10-0283	E781741	138.18	139.36	QTZT	non-mineralized	P-AML	1.19	8	3			20			<20	0.09	<10	<10	28	<10		
K-10-0283	E781742	139.36	140.96	QTZT	non-mineralized	P-AML	1.21	5	3			22			<20	0.1	<10	<10	32	<10		
K-10-0283	E781743	140.96	141.43	GSCH	non-mineralized	P-AML	2.65	12	9			67			<20	0.25	<10	<10	99	<10		
K-10-0283	E781745	141.43	143.56	GSCH	non-mineralized	P-AML	2.65	14	9			68			<20	0.24	<10	<10	103	<10		
K-10-0283	E781746	143.56	143.79	SM	non-mineralized	P-AML	1.05	9	2			12			<20	0.04	<10	<10	17	<10		
K-10-0283	E781752	150.45	152.67	SM	non-mineralized	N-AML	1	8	3			35			<20	0.11	<10	<10	35	<10		
K-10-0283	E781753	152.67	153.82	SM	non-mineralized	N-AML	1.17	8	3			29			<20	0.08	10	<10	29	<10		
K-10-0283	E781756	154.51	156.8	SM	non-mineralized	P-AML	1.03	10	1			7			<20	0.04	<10	<10	11	<10		
K-10-0283	E781757	156.8	157.5	SM	non-mineralized	P-AML	2.05	25	2			25			<20	0.05	<10	<10	18	<10		
K-10-0283	E781758	157.5	158.23	SM	non-mineralized	P-AML	4.79	50	3			57			<20	0.07	<10	<10	35	10		
K-10-0283	E781759	158.23	159.39	SM	non-mineralized	P-AML	3.52	50	1			29			<20	0.04	<10	<10	14	<10		
K-10-0283	E781760	159.39	160	SM	non-mineralized	P-AML	10	21	<1			9			<20	0.02	<10	<10	6	<10		
K-10-0283	E781761	160	160.88	SM	non-mineralized	P-AML	10	194	1			6			<20	0.02	<10	<10	7	<10		
K-10-0283	E781762	160.88	161.97	QTZT	non-mineralized	P-AML	0.71	12	1			5			<20	0.06	<10	<10	7	<10		
K-10-0283	E781763	161.97	163.31	QTZT	non-mineralized	P-AML	0.49	7	1			7			<20	0.07	<10	<10	8	<10		
K-10-0283	E781764	163.31	164.65	QTZT	non-mineralized	P-AML	0.88	10	1			5			<20	0.08	<10	<10	6	<10		
K-10-0283	E781766	164.65	165.84	QTZT	non-mineralized	P-AML	0.61	7	1			5			<20	0.08	<10	<10	5	<10		
K-10-0283	E781767	165.84	167.44	QTZT	non-mineralized	N-AML	0.23	<5	<1			5			<20	0.08	<10	<10	4	<10		
K-10-0283	E781768	167.44	167.79	QTZT	non-mineralized	P-AML	0.37	<5	1			4			<20	0.07	<10	<10	5	<10		
K-10-0283	E781769	167.79	170.22	QTZT	non-mineralized	P-AML	0.38	<5	2			20			<20	0.12	<10	<10	22	<10		
K-10-0283	E781770	170.22	171.91	TQTZT	non-mineralized	P-AML	0.37	<5	1			12			<20	0.08	<10	<10	11	<10		
K-10-0283	E781772	171.91	173.86	TQTZT	non-mineralized	N-AML	0.69	<5	4			83			<20	0.14	<10	<10	42	<10		
K-10-0283	E781773	173.86	175.54	QTZT	non-mineralized	P-AML	0.26	<5	1			10			<20	0.08	<10	<10	10	<10		
K-10-0283	E781774	175.54	176.86	QTZT	non-mineralized	P-AML	0.44	<5	2			20			<20	0.1	<10	<10	19	<10		
K-10-0283	E781777	177.09	177.36	SM	non-mineralized	P-AML	1.36	70	3			13			<20	0.05	<10	<10	20	<10		
K-10-0283	E781779	178	179.6	QTZT	non-mineralized	N-AML	0.12	<5	1			8			<20	0.08	<10	<10	6	<10		
K-10-0283	E781780	179.6	180.31	QTZT	non-mineralized	N-AML	0.23	<5	1			60			<20	0.04	<10	<10	9	<10		

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-10-0283	E781782	180.92	182.1	TQTZT	non-mineralized	N-AML	0.246	3	1	<10	<5	10	<10	<10	<5	0.04	<5	<5	24.8	<1	2	9
K-10-0283	E781783	182.1	183.55	TQTZT	non-mineralized	P-AML	0.382	3	3	<10	<5	29	<10	<10	<5	0.08	<5	<5	60.4	<1	3	20
K-10-0283	E781785	183.55	185.13	TQTZT	non-mineralized	N-AML	0.453	60	5	<10	<5	54	<10	<10	<5	0.12	<5	<5	107	<1	3	28
K-10-0283	E781786	185.13	186	QTZT	non-mineralized	N-AML	0.139	2	<1	<10	<5	4	<10	<10	<5	0.03	<5	<5	11.3	<1	2	7
K-10-0283	E781787	186	187.55	QTZT	non-mineralized	N-AML	0.214	3	<1	<10	<5	4	<10	<10	<5	0.04	<5	<5	15.5	<1	2	11
K-10-0283	E781788	187.55	189.16	GSCH	non-mineralized	P-AML	0.616	11	9	<10	<5	122	<10	<10	6	0.27	<5	<5	270	1	3	49
K-10-0283	E781789	189.16	189.66	SM	non-mineralized	P-AML	0.368	4	1	<10	<5	8	<10	<10	<5	0.03	<5	<5	18.1	<1	2	9
K-10-0283	E781791	189.66	190.47	SM	non-mineralized	P-AML	0.576	4	2	<10	<5	16	<10	<10	<5	0.05	<5	<5	42.2	<1	3	13
K-10-0283	E781792	190.47	191.37	GSCH	non-mineralized	P-AML	0.519	11	11	<10	<5	158	<10	<10	6	0.33	<5	<5	352	2	2	66
K-10-0283	E781793	191.37	191.66	TQTZT	non-mineralized	P-AML	0.253	4	1	<10	<5	8	<10	<10	<5	0.02	<5	<5	24.5	<1	3	11
K-10-0283	E781794	191.66	192.83	TQTZT	non-mineralized	P-AML	0.854	5	2	<10	<5	17	<10	<10	<5	0.03	<5	<5	49.7	<1	5	17
K-10-0283	E781796	192.83	194.17	QTZT	non-mineralized	N-AML	0.217	3	1	<10	<5	5	<10	<10	<5	0.01	<5	<5	6.4	<1	6	9
K-10-0283	E781797	253.28	253.83	QTZT	non-mineralized	N-AML	0.145	2	<1	<10	<5	39	<10	<10	<5	0.03	<5	<5	12.8	<1	2	9
K-10-0283	E781798	253.83	254.2	QTZT	non-mineralized	N-AML	0.037	<1	<1	<10	<5	17	<10	<10	<5	0.02	<5	<5	9.5	<1	2	8
K-10-0283	E781799	254.2	255.54	QTZT	non-mineralized	P-AML	0.318	6	3	<10	<5	46	<10	<10	<5	0.09	<5	<5	78.8	<1	3	22
K-10-0283	E781800	259.1	260.3	QTZT	non-mineralized	P-AML	0.252	2	<1	<10	<5	8	<10	<10	<5	0.03	<5	<5	17.4	<1	1	9
K-10-0283	E781801	260.3	261.52	QTZT	non-mineralized	N-AML	0.113	2	<1	<10	<5	5	<10	<10	<5	0.03	<5	<5	10.1	<1	1	9
K-10-0283	E781802	261.52	262.47	QTZT	non-mineralized	N-AML	0.044	2	<1	<10	<5	7	<10	<10	<5	0.04	<5	<5	14.9	<1	2	15
K-10-0283	E781804	262.47	263.04	QTZT	non-mineralized	N-AML	0.067	7	<1	<10	<5	6	<10	<10	<5	0.05	<5	<5	12.6	<1	2	20
K-10-0283	E781805	263.04	263.24	SM	mineralized	P-AML	0.766	341	<1	<10	6	4	<10	<10	<5	0.03	<5	<5	9.7	3	1	9
K-10-0283	E781806	263.24	263.7	SM	non-mineralized	N-AML	0.585	87	<1	<10	9	9	<10	<10	<5	0.03	<5	<5	21.5	<1	3	13
K-10-0283	E781807	263.7	263.85	SM	mineralized	P-AML	0.31	96	<1	<10	46	3	<10	<10	<5	0.02	<5	<5	4.9	1	2	21
K-10-0283	E781808	263.85	264.17	SM	mineralized	P-AML	0.763	153	<1	<10	55	5	<10	<10	<5	0.04	<5	<5	10.6	1	2	37
K-10-0283	E781810	264.17	264.3	VM	mineralized	P-AML	0.661	872	<1	<10	17	18	<10	<10	<5	0.02	<5	<5	12.2	1	11	10
K-10-0283	E781811	264.3	264.57	VM	mineralized	P-AML	1.12	473	<1	19	15	19	<10	<10	<5	<0.01	<5	<5	0.7	2	16	8
K-10-0283	E781813	266.44	267.62	TQTZT	non-mineralized	P-AML	0.297	20	6	<10	<5	86	<10	<10	<5	0.18	<5	<5	269	2	3	55
K-10-0283	E781814	267.62	269.73	TQTZT	non-mineralized	P-AML	0.264	4	3	<10	<5	29	<10	<10	<5	0.05	<5	<5	53.4	<1	2	14
K-10-0283	E781815	269.73	270.66	TQTZT	non-mineralized	N-AML	0.105	10	8	<10	<5	94	<10	<10	<5	0.23	<5	<5	398	<1	1	67
K-10-0283	E781817	270.66	272.8	ICQS	non-mineralized	P-AML	0.363	32	8	<10	<5	116	<10	<10	5	0.23	<5	<5	325	1	2	67
K-10-0288	E781818	6.3	8.3	TQTZT	non-mineralized	N-AML	0.0025	1	1	<10	<5	10	<10	<10	<5	0.04	<5	<5	29.2	<1	2	15
K-10-0288	E781819	8.3	9.93	TQTZT	non-mineralized	N-AML	0.05	1	2	<10	<5	16	<10	<10	<5	0.04	<5	<5	43.3	<1	2	10
K-10-0288	E781820	9.93	12.05	TQTZT	non-mineralized	N-AML	0.016	2	3	<10	<5	41	<10	<10	<5	0.09	<5	<5	96.6	<1	2	18
K-10-0288	E781821	12.05	14.16	TQTZT	non-mineralized	N-AML	0.01	3	3	<10	<5	47	<10	<10	<5	0.11	<5	<5	114	<1	3	24
K-10-0288	E781822	14.16	16.17	ICQS	non-mineralized	N-AML	0.024	2	6	<10	<5	98	<10	<10	5	0.19	<5	<5	231	<1	4	53
K-10-0288	E781824	16.17	16.98	ICQS	non-mineralized	N-AML	0.009	23	5	<10	<5	78	<10	<10	5	0.16	<5	<5	215	<1	4	40
K-10-0288	E781825	16.98	17.76	TQTZT	non-mineralized	N-AML	0.008	3	1	<10	<5	10	<10	<10	<5	0.05	<5	<5	30.9	<1	2	18
K-10-0288	E781826	17.76	19.67	TQTZT	non-mineralized	N-AML	0.008	2	3	<10	<5	46	<10	<10	<5	0.06	<5	<5	89.4	<1	3	17
K-10-0288	E781827	19.67	21.16	TQTZT	non-mineralized	N-AML	0.008	8	10	<10	<5	111	<10	<10	7	0.09	<5	<5	296	<1	4	49
K-10-0288	E781828	21.16	22.03	VN	non-mineralized	N-AML	0.008	<1	<1	<10	<5	10	<10	<10	<5	0.02	<5	<5	20.6	<1	1	8
K-10-0288	E781832	24.04	25.03	QTZT	non-mineralized	N-AML	0.0025	1	<1	<10	<5	10	<10	<10	<5	0.02	<5	<5	13.2	<1	3	9
K-10-0288	E781833	25.03	26.82	QTZT	non-mineralized	N-AML	0.016	<1	<1	<10	<5	8	<10	<10	<5	0.03	<5	<5	11.9	<1	1	11
K-10-0288	E781834	26.82	28.73	QTZT	non-mineralized	N-AML	0.01	1	<1	<10	<5	8	<10	<10	<5	0.03	<5	<5	15.2	<1	2	15
K-10-0288	E781835	28.73	30.64	QTZT	non-mineralized	N-AML	0.011	1	2	<10	<5	15	<10	<10	<5	0.04	<5	<5	32	<1	2	17
K-10-0288	E781836	30.64	31	QTZT	non-mineralized	N-AML	0.025	1	1	<10	<5	11	<10	<10	<5	0.03	<5	<5	24.6	<1	2	11
K-10-0288	E781837	31	32.47	TQTZT	non-mineralized	N-AML	0.017	2	5	<10	<5	65	<10	<10	<5	0.07	<5	<5	131	<1	3	25
K-10-0288	E781839	32.47	34.44	TQTZT	non-mineralized	N-AML	0.062	3	4	<10	<5	46	<10	<10	<5	0.06	<5	<5	91.3	<1	2	26
K-10-0288	E781840	34.44	36.18	TQTZT	non-mineralized	N-AML	0.069	2	3	<10	<5	41	<10	<10	<5	0.05	<5	<5	68.3	<1	1	20
K-10-0288	E781841	36.18	38.12	TQTZT	non-mineralized	N-AML	0.147	2	4	<10	<5	58	<10	<10	<5	0.11	<5	<5	92.6	2	2	26
K-10-0288	E781842	38.12	40.28	QTZT	non-mineralized	N-AML	0.08	<1	2	<10	<5	24	<10	<10	<5	0.05	<5	<5	33.6	1	2	14
K-10-0288	E781843	40.28	42.02	TQTZT	non-mineralized	N-AML	0.059	<1	2	<10	<5	37	<10	<10	<5	0.06	<5	<5	45.3	<1	2	19
K-10-0288	E781844	42.02	42.93	TQTZT	non-mineralized	N-AML	0.1	1	5	<10	<5	73	<10	<10	<5	0.09	<5	<5	116	<1	3	32
K-10-0288	E781846	42.93	43.81	ICQS	non-mineralized	P-AML	0.712	2	9	<10	<5	91	<10	<10	5	0.1	<5	<5	212	<1	4	62
K-10-0288	E781847	43.81	45.68	ICQS	non-mineralized	P-AML	0.912	5	8	<10	<5	73	<10	<10	<5	0.09	<5	<5	208	<1	4	58
K-10-0288	E781848	45.68	46.73	ICQS	non-mineralized	N-AML	0.231	1	10	<10	<5	111	<10	<10	<5	0.1	<5	<5	202	<1	3	53
K-10-0288	E781850	46.73	48.16	TQTZT	non-mineralized	P-AML	0.288	1	5	<10	<5	102	<10	<10	<5	0.08	<5	<5	117	<1	5	33
K-10-0288	E781851	48.16	49.68	TQTZT	non-mineralized	N-AML	0.177	2	2	<10	<5	29	<10	<10	<5	0.03	<5	<5	43.2	<1	3	16
K-10-0288	E781852	49.68	51.3	TQTZT	non-mineralized	N-AML	0.12	5	4	<10	<5	75	<10	<10	<5	0.09	<5	<5	104	<1	5	28
K-10-0288	E781853	51.3	52.85	TQTZT	non-mineralized	N-AML	0.038	2	2	<10	<5	18	<10	<10	<5	0.05	<5	<5	33.8	<1	2	12
K-10-0288	E781854	52.85	53.95	ICQS	non-mineralized	P-AML	0.266	11	12	<10	<5	182	<10	<10	6	0.24	<5	<5	331	<1	5	77
K-10-0288	E781855	53.95	54.87	QTZT	non-mineralized	N-AML	0.029	2	1	<10	<5	14	<10	<10	<5	0.05	<5	<5	25.3	<1	1	10
K-10-0288	E781857	54.87	56.08	QTZT	non-mineralized	N-AML	0.036	2	<1	<10	<5	11	<10	<10	<5	0.03	<5	<5	15.8	<1	2	8
K-10-0288	E781858	56.08	56.6	QTZT	non-mineralized	N-AML	0.026	1	<1	<10	<5	11	<10	<10	<5	0.05	<5	<5	17.7	<1	1	11
K-10-0288	E781859	56.6	58.73	ICQS	non-mineralized	N-AML	0.092	6	10	<10	<5	120	<10	<10	6	0.11	<5	<5	217	1	4	46
K-10-0288	E781860	58.73	59.33	ICQS	non-mineralized	N-AML	0.043	1	2	<10	<5	28	<10	<10	<5	0.05	<5	<5	53.9	<1	2	17
K-10-0288	E781861	59.33	60.35	QTZT	non-mineralized	N-AML	0.028	2	1	<10	<5	24	<10	<10	<5	0.06	<5	<5	31.9	<1	2	17
K-10-0288	E781862	60.35	62.18	QTZT	non-mineralized	N-AML	0.073	2	<1	<10	<5	10	<10	<10	<5	0.05	<5	<5	18.8	<1	2	13
K-10-0288	E781863	62.18	64	QTZT	non-mineralized	N-AML	0.124	2	<1	<10	<5	5	<10	<10	<5	0.03	<5	<5	12.9	<1	3	7
K-10-0288	E781864	64	65.23	GSCH	non-mineralized	N-AML	0.127	14	14	<10	<5	147	<10	<10	9	0.21	<5	<5	296	1	3	64
K-10-0288	E781865	65.23	67.04	GSCH	non-mineralized	N-AML	0.199	12	11	<10	9	95	<10	<10	7	0.1	<5	<5	213	2	3	47
K-10-0288	E781867	67.2	68.7	ICQS	non-mineralized	N-AML	0.093	18	7	<10	<5	47	<10	<10	<5	0.06	<5	<5	182	<1	2	38
K-10-0288	E781868	68.7	71.32	TQTZT	non-mineralized	N-AML	0.045	2	1	<10	<5	6	<10	<10	<5	0.02	<5	<5	22.7	<1	<1	8
K-10-0288	E781870	71.32	72.78	QTZT	non-mineralized	N-AML	0.066	8	<1	<10	<5	7	<10	<10	<5	0.03	<5	<5	17	<1	2	9
K-10-0288	E781871	72.78	74	QTZT	non-mineralized	N-AML	0.163	3	2	<10	<5	15	<10	<10	<5	0.04	<5	<5	36.4	<1	3	13
K-10-0288	E781873	74	74.72	GSCH	non-mineralized	N-AML	0.128	7	11	<10	<5	108	<10	<10	6	0.21	<5	<5	271	<1	4	44
K-10-0288	E781874	74.72	75.9	GSCH	non-mineralized	P-AML	0.268	8	9	<10	<5	88	<10	<10	6	0.19	<5	<5	245	<1	4	34
K-10-0288	E781875	75.9	76.25	GSCH	non-mineralized	N-AML	0.123	8	15	<10	<5	142	<10	<10	8	0.24	<5	<5	371	2	4	48
K-10-0288	E781876	76.25	77.42	QTZT	non-mineralized	N-AML	0.087	1	1	<10	<5	10	<10	<10	<5	0.03	<5	<5	22	<1	2	11

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-10-0288	E781878	77.42	79.48	QTZT	non-mineralized	N-AML	0.074	1	1	<10	<5	12	<10	<10	<5	0.03	<5	<5	23.1	<1	3	10
K-10-0288	E781879	79.48	81.47	QTZT	non-mineralized	N-AML	0.094	2	3	<10	<5	35	<10	<10	<5	0.08	<5	<5	74.7	<1	2	16
K-10-0288	E781880	81.47	83.52	TQTZT	non-mineralized	N-AML	0.181	3	4	<10	<5	63	<10	<10	<5	0.1	<5	<5	95.9	<1	3	21
K-10-0288	E781881	83.52	84.8	TQTZT	non-mineralized	N-AML	0.266	3	4	<10	<5	48	<10	<10	<5	0.09	<5	<5	102	<1	6	20
K-10-0288	E781882	84.8	85.95	TQTZT	non-mineralized	N-AML	0.176	4	5	<10	<5	74	<10	<10	<5	0.1	<5	<5	132	<1	5	20
K-10-0288	E781883	85.95	86.43	QTZT	non-mineralized	N-AML	0.09	2	<1	<10	<5	12	<10	<10	<5	0.02	<5	<5	19.5	<1	2	8
K-10-0288	E781884	86.43	88.04	GSCH	non-mineralized	P-AML	0.359	7	13	<10	<5	142	<10	<10	8	0.19	<5	<5	295	1	4	42
K-10-0288	E781885	88.04	89.61	GSCH	non-mineralized	N-AML	0.583	7	12	<10	<5	140	<10	<10	8	0.24	<5	<5	305	2	5	44
K-10-0288	E781887	89.61	90.71	QTZT	non-mineralized	P-AML	0.551	50	1	<10	<5	18	<10	<10	<5	0.03	<5	<5	28.1	<1	3	11
K-10-0288	E781888	90.71	92.66	QTZT	non-mineralized	N-AML	0.087	2	<1	<10	<5	23	<10	<10	<5	0.02	<5	<5	20.6	<1	2	8
K-10-0288	E781889	92.66	93.53	QTZT	non-mineralized	P-AML	0.828	2	1	<10	<5	18	<10	<10	<5	0.02	<5	<5	26.5	1	2	10
K-10-0288	E781890	93.53	93.94	GSCH	non-mineralized	N-AML	0.839	4	7	<10	<5	80	<10	<10	5	0.1	<5	<5	163	2	6	36
K-10-0288	E781891	93.94	95.71	QTZT	non-mineralized	N-AML	0.114	1	1	<10	<5	45	<10	<10	<5	0.02	<5	<5	23.3	<1	2	9
K-10-0288	E781892	95.71	96.7	QTZT	non-mineralized	N-AML	0.179	2	4	<10	<5	85	<10	<10	<5	0.1	<5	<5	91.3	<1	4	28
K-10-0288	E781894	96.7	98.76	QTZT	non-mineralized	N-AML	0.118	1	1	<10	<5	31	<10	<10	<5	0.02	<5	<5	30.1	<1	2	9
K-10-0288	E781895	98.76	99.67	ICQS	non-mineralized	N-AML	0.393	3	6	<10	<5	109	<10	<10	<5	0.13	<5	<5	128	<1	6	32
K-10-0288	E781896	99.67	100.79	TQTZT	non-mineralized	N-AML	0.199	1	2	<10	<5	82	<10	<10	<5	0.05	<5	<5	51	<1	4	14
K-10-0288	E781897	100.79	103	TQTZT	non-mineralized	N-AML	0.185	1	2	<10	<5	51	<10	<10	<5	0.05	<5	<5	36.4	<1	2	13
K-10-0288	E781899	103	104.85	TQTZT	non-mineralized	N-AML	0.074	<1	1	<10	<5	34	<10	<10	<5	0.02	<5	<5	27.4	<1	2	8
K-10-0288	E781900	104.85	107.7	TQTZT	non-mineralized	N-AML	0.382	2	6	<10	<5	102	<10	<10	<5	0.16	<5	<5	131	<1	7	40
K-10-0288	E781901	107.7	108.4	TQTZT	non-mineralized	N-AML	0.787	3	10	<10	<5	110	<10	<10	7	0.2	<5	<5	215	<1	7	51
K-10-0294	E781954	104.88	106.81	CQTZT	non-mineralized	N-AML	0.3	1.2	2.9	1	0.5	40.4	0.16	<0.05	2.7	0.099	0.14	0.8	23	0.3	5	23.8
K-10-0294	E781955	106.81	108.37	GSCH	non-mineralized	N-AML	0.86	3.77	12.1	3	2.1	146.5	0.71	0.05	10.3	0.346	0.77	2.2	117	1	9.2	73.8
K-10-0294	E781956	108.37	109.7	GSCH	non-mineralized	N-AML	0.94	4.4	13.7	3	2.2	181.5	0.73	0.07	10.5	0.367	0.84	2.3	134	1	9	74.1
K-10-0294	E781957	109.7	110.95	TQTZT	non-mineralized	N-AML	0.44	1.7	4.3	1	0.7	116.5	0.24	<0.05	3.9	0.132	0.24	0.9	37	0.4	5.2	29.3
K-10-0294	E781958	110.95	112.36	TQTZT	non-mineralized	N-AML	0.37	0.89	1.5	1	0.4	45.4	0.11	<0.05	2	0.071	0.11	0.6	10	0.3	2.8	15.2
K-10-0294	E781959	112.36	114.25	TQTZT	non-mineralized	P-AML	0.4	0.87	1.8	1	0.4	36	0.15	<0.05	2.2	0.088	0.11	0.6	14	0.3	2.9	14.9
K-10-0294	E781960	114.25	115.86	TQTZT	non-mineralized	N-AML	0.23	0.49	1.2	1	0.3	25.8	0.12	<0.05	2.1	0.083	0.08	0.6	8	0.2	3	16.5
K-10-0294	E781962	116.23	117.04	ICQS	non-mineralized	N-AML	0.92	5.75	11.9	2	2	146	0.69	<0.05	10.2	0.344	0.67	1.9	111	1	8.2	60
K-10-0294	E781963	117.04	118.38	TQTZT	non-mineralized	N-AML	0.16	0.96	2.4	1	0.4	36.2	0.16	<0.05	2.5	0.095	0.09	0.6	18	0.3	3.8	20.2
K-10-0294	E781964	118.38	119.23	TQTZT	non-mineralized	N-AML	0.78	3.73	6.2	2	1.1	81	0.41	<0.05	5.8	0.216	0.37	1.3	61	0.7	5.6	41.2
K-10-0294	E781965	119.23	120.18	GSCH	non-mineralized	P-AML	2.61	6.41	13.6	3	2.2	267	0.77	0.06	10.1	0.367	0.88	2.3	123	1.1	11	77.3
K-10-0294	E781967	120.18	122.08	TQTZT	non-mineralized	N-AML	0.87	3.75	4.7	1	0.8	98.9	0.27	<0.05	4.1	0.151	0.32	1	43	0.5	5	31.5
K-10-0294	E781968	122.08	123.88	TQTZT	non-mineralized	P-AML	0.41	1.55	2.5	1	0.9	25.8	0.15	<0.05	2.5	0.096	0.19	0.7	22	1	3.3	22
K-10-0294	E781969	123.88	126	TQTZT	non-mineralized	N-AML	0.54	1.86	2.6	1	0.6	25.3	0.18	<0.05	3	0.111	0.21	0.7	24	0.9	3.2	25.2
K-10-0294	E781970	126	126.65	TQTZT	non-mineralized	N-AML	0.52	2.74	2.2	1	1.4	29.4	0.17	<0.05	2.6	0.102	0.24	0.7	21	1.4	3.4	20.9
K-10-0294	E781972	126.65	127.82	QTZT	non-mineralized	P-AML	0.39	2.17	1.8	1	0.7	21.4	0.15	<0.05	2.6	0.103	0.18	0.7	14	0.8	3.4	21.4
K-10-0294	E781973	127.82	129.92	QTZT	non-mineralized	N-AML	0.16	1.2	0.9	1	0.3	12.2	0.11	<0.05	2	0.081	0.1	0.5	6	0.4	2.1	14.8
K-10-0294	E781974	129.92	131.82	QTZT	non-mineralized	N-AML	0.25	1.1	1	1	0.5	20.9	0.11	<0.05	2.2	0.085	0.08	0.5	5	1	2.3	20.3
K-10-0294	E781975	131.82	132.73	QTZT	non-mineralized	N-AML	0.54	1.9	1.2	1	0.6	44.5	0.1	<0.05	2.3	0.076	0.1	0.6	8	1	2.7	19.4
K-10-0294	E781976	132.73	133.75	TQTZT	non-mineralized	N-AML	0.88	5.02	8	1	1.7	91.5	0.46	<0.05	6.8	0.245	0.72	1.4	66	1.2	6.1	43.2
K-10-0294	E781977	133.75	135.33	TQTZT	non-mineralized	N-AML	0.65	3.47	4.2	1	1	56.7	0.28	<0.05	4.1	0.159	0.36	0.9	35	1	4.4	26.3
K-10-0294	E781978	135.33	137.24	TQTZT	non-mineralized	N-AML	0.36	3.97	4.4	1	0.9	129	0.28	<0.05	4.4	0.151	0.4	1.1	37	0.7	5.9	28.3
K-10-0294	E781980	137.24	137.6	TQTZT	non-mineralized	N-AML	0.38	2.46	1.2	1	0.6	38.9	0.1	<0.05	2.1	0.075	0.13	0.5	9	0.6	2.7	15.5
K-10-0294	E781981	137.6	138.87	VN	non-mineralized	P-AML	1.02	2.61	3.5	1	1.9	36.2	0.23	<0.05	3.1	0.13	0.35	0.8	35	1.7	4	26.5
K-10-0294	E781982	138.87	141.7	VN	non-mineralized	N-AML	0.32	1.82	1.2	1	1.2	17.7	0.1	<0.05	2	0.073	0.14	0.5	9	1.9	2.5	18.9
K-10-0294	E781983	141.7	144.48	VN	non-mineralized	N-AML	0.32	1.38	0.9	1	0.7	26	0.09	<0.05	1.8	0.064	0.11	0.4	5	0.9	2.9	15
K-10-0294	E781984	144.48	145	GSCH	non-mineralized	P-AML	1.1	10.1	12	3	2.3	138.5	0.71	0.05	8.9	0.351	1.03	2.3	138	1.2	6.9	55.7
K-10-0294	E781986	145	146.6	TQTZT	non-mineralized	N-AML	0.44	3.25	5.1	1	0.9	67.4	0.37	<0.05	5.1	0.18	0.5	1.2	47	0.6	5	38.5
K-10-0294	E781987	146.6	147.52	TQTZT	non-mineralized	P-AML	0.26	1.74	4.2	1	0.8	23.1	0.24	<0.05	3.6	0.121	0.26	0.8	35	0.4	4.8	29.4
K-10-0294	E781988	147.52	149.83	TQTZT	non-mineralized	N-AML	0.3	1.64	3.2	1	0.5	91.9	0.18	<0.05	2.8	0.098	0.36	0.7	24	0.4	4.9	25.9
K-10-0294	E781989	149.83	151.65	TQTZT	non-mineralized	P-AML	0.25	1.2	1.7	1	0.4	11.6	0.14	<0.05	2.4	0.081	0.1	0.5	12	0.3	2.9	28.7
K-10-0294	E781990	151.65	153.9	TQTZT	non-mineralized	N-AML	0.3	1.39	3.6	1	0.6	31.4	0.21	<0.05	3.3	0.119	0.1	0.7	27	0.4	4.6	30
K-10-0294	E781992	153.9	154.5	TQTZT	non-mineralized	N-AML	0.18	0.93	1.1	1	0.3	9.6	0.08	<0.05	1.9	0.057	0.03	0.4	6	0.2	3.4	14.9
K-10-0294	E782011	154.5	155.02	GSCH	non-mineralized	P-AML	0.29	6.36	11.2	2	2	125.5	0.79	0.05	10.4	0.354	0.53	1.7	97	1	7.6	61
K-10-0294	E781993	155.02	155.68	TQTZT	non-mineralized	P-AML	0.61	4.6	7.6	2	1.3	75.2	0.46	<0.05	6.4	0.224	0.25	1	65	0.7	5.2	40.1
K-10-0294	E781995	155.68	156.92	TQTZT	non-mineralized	N-AML	0.57	5.71	10.3	2	1.8	123.5	0.59	0.05	7.7	0.281	0.46	1.3	90	0.8	6.3	57.9
K-10-0294	E781996	156.92	157.65	QTZT	non-mineralized	N-AML	0.17	0.84	1.2	1	0.3	8.9	0.12	<0.05	2.1	0.075	0.03	0.5	9	0.3	2.7	27.4
K-10-0294	E781997	157.65	159.63	QTZT	non-mineralized	N-AML	0.15	0.86	1.1	1	0.4	25.8	0.1	<0.05	1.9	0.065	0.05	0.4	9	0.2	2.4	17.1
K-10-0294	E781998	159.63	161.38	QTZT	non-mineralized	N-AML	0.19	1.26	1.4	1	0.3	28.4	0.1	<0.05	1.9	0.059	0.07	0.4	10	0.2	3.1	19.3
K-10-0294	E781999	161.38	163	QTZT	non-mineralized	N-AML	0.11	0.88	1	1	0.4	19	0.07	<0.05	1.6	0.048	0.05	0.4	5	0.4	2.6	14.4
K-10-0294	E782000	163	164.55	QTZT	non-mineralized	N-AML	0.11	0.56	0.9	1	0.2	68.6	0.06	<0.05	1.2	0.036	0.03	0.4	5	0.2	4	12.5
K-10-0294	E782001	164.55	166.48	QTZT	non-mineralized	N-AML	0.09	0.64	0.8	1	0.2	11.2	0.13	<0.05	1.6	0.057	0.04	0.4	5	0.4	2.1	16
K-10-0294	E782002	166.48	168.04	QTZT	non-mineralized	N-AML	0.09	0.54	0.8	1	0.2	22.1	0.11	<0.05	1.6	0.058	0.04	0.4	6	0.2	2.5	17.9
K-10-0294	E782003	168.04	169.89	QTZT	non-mineralized	N-AML	0.76	3.23	7.7	2	1.1	126.5	0.44	<0.05	6.3	0.224	0.31	1.6	78	0.7	6.8	54.9
K-10-0294	E782005	169.89	170.23	SSCH	non-mineralized	N-AML	0.36	6.53	12.3	1	1.3	85.1	0.41	0.1	5.9	0.212	0.42	1.2	100	1.1	6.9	59.8
K-10-0294	E782006	170.23	171.91	QTZT	non-mineralized	P-AML	0.37	3.78	5.4	1	0.7	59.9	0.27	<0.05	3.9	0.139	0.26	1	49	0.5	4.8	38.3
K-10-0294	E782007	171.91	173	QTZT	non-mineralized	N-AML	0.15	1.5	1.1	1	0.3	10.2	0.12	<0.05	2.1	0.091	0.07	0.5	12	0.5	2.9	27.1
K-10-0294	E782010	173.38	174.08	QTZT	non-mineralized	N-AML	0.17	1.01	1	1	0.2	10.5	0.11	<0.05	1.7	0.066	0.07	0.4	7	0.2	2.6	16.1
K-10-0294	E782012	174.08	175.89	QTZT	non-mineralized	N-AML	0.15	0.93	1	1	0.3	9.8	0.12	<0.05	2	0.079	0.07	0.5	6	0.2	2.9	20.9
K-10-0294	E782013	175.89	177.88	QTZT	non-mineralized	N-AML	0.1	0.99	0.8	1	0.2	9.9	0.1	<0.05	1.7	0.069	0.05	0.4	5	0.3	2.5	19.5
K-10-0294	E782014	177.88	179.67	QTZT	non-mineralized	N-AML	0.08	0.75	0.7	1	0.2	10.2	0.09	<0.05	1.5	0.065	0.04	0.4	4	0.2	2.2	17.1
K-10-0294	E782016	179.67	181.56	QTZT	non-mineralized	N-AML	0.08	0.69	0.6	1	0.2	8.6	0.09	<0.05	1.6	0.065	0.05	0.4	4	0.2	2.4	19.2
K-10-0294	E782017	181.56	183.51	QTZT	non-mineralized	N-AML	0.12	0.86	0.7	1	0.3	7.3	0.12	<0.05	2.3	0.088	0.04	0.6	4	0.2	3.2	27.9
K-10-0294	E782018	183.51	185.35	QTZT	non-mineralized	N-AML	0.11	0.87	0.7	1	0.2	8.9	0.07	<0.05	1.6	0.065	0.04	0.4	4	0.2	2.5	19.1
K-10-0294	E782019	185.35	185.9	QTZT	non-mineralized	N-AML	0.2	1.71	2	1	0.4	19	0.17	<0.05	2.6	0.101	0.09	0.7	19	0.5	3.5	24.3
K-10-0294	E782021	187	187.6	TQTZT	non-mineralized	P-AML	0.45	1.75	2.2	1	0.4	24.2	0.16	<0.05	2.6	0.084	0.11	0.9	17	0.5	5.9	21.5

Lucky Queen ICP Metals Data

Hole_ID	SampleID	Assays_mFrom	Assays_mTo	Lith1_Code	min or non min	AML?	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
K-10-0294	E782022	187.6	188.6	TQTZT	non-mineralized	P-AML	1.16	6.09	5.6	2	1.1	84.2	0.41	<0.05	5.8	0.201	0.35	1.7	52	1.1	12.1	52.2
K-10-0294	E782023	188.6	189.81	TQTZT	non-mineralized	P-AML	1.45	11.9	12.1	3	2.3	175	0.75	0.07	11.1	0.346	0.82	2.2	138	1.7	7.7	78.8
K-10-0294	E782026	190.11	191.47	TQTZT	non-mineralized	P-AML	1.27	8.23	6	2	1.1	107	0.47	<0.05	6.1	0.223	0.44	1.4	62	0.7	6.7	48
K-10-0294	E782027	191.47	192.54	TQTZT	non-mineralized	N-AML	0.1	1.29	0.8	1	0.2	16.7	0.09	<0.05	1.6	0.062	0.06	0.4	6	0.3	2.5	21
K-10-0294	E782029	192.88	193.74	QTZT	non-mineralized	N-AML	0.23	1.66	0.7	1	0.2	5.7	0.11	<0.05	1.7	0.063	0.04	0.4	4	0.4	2.1	23.1
K-10-0294	E782031	193.74	195.78	QTZT	non-mineralized	N-AML	0.11	0.68	0.7	1	0.3	7.3	0.13	<0.05	1.9	0.081	0.04	0.5	5	0.2	2.6	23.8
K-10-0294	E782032	195.78	197.83	QTZT	non-mineralized	N-AML	0.08	0.86	0.8	1	0.3	8.5	0.12	<0.05	2	0.081	0.05	0.5	6	0.2	2.7	22.2
K-10-0294	E782033	197.83	199.75	QTZT	non-mineralized	N-AML	0.09	1	0.8	1	0.3	9	0.21	<0.05	2.2	0.088	0.05	0.5	5	0.3	3	28.2
K-10-0294	E782034	199.75	202.25	QTZT	non-mineralized	N-AML	0.08	1.05	0.9	1	0.3	12.3	0.18	<0.05	2.4	0.104	0.06	0.6	7	0.2	3.9	30.7
K-10-0294	E782035	202.25	204.29	QTZT	non-mineralized	N-AML	0.06	1.08	0.8	1	0.3	8	0.18	<0.05	2.7	0.111	0.05	0.6	5	0.5	2.9	34.5
K-10-0294	E782036	204.29	205.82	QTZT	non-mineralized	N-AML	0.09	1.09	0.7	1	0.3	8.2	0.13	<0.05	1.9	0.08	0.06	0.5	5	0.6	2.6	26
K-10-0294	E782037	205.82	207.68	QTZT	non-mineralized	N-AML	0.08	1.21	0.9	1	0.3	12	0.18	<0.05	2.5	0.109	0.07	0.6	6	0.5	3.2	29.5
K-10-0294	E782038	207.68	209.6	QTZT	non-mineralized	N-AML	0.07	1.79	0.7	1	0.3	8	0.15	<0.05	2.4	0.094	0.08	0.5	5	0.8	2.6	32.6
K-10-0294	E782040	209.6	212.23	QTZT	non-mineralized	N-AML	0.21	1.63	0.9	1	0.3	15.9	0.16	<0.05	2.5	0.094	0.07	0.6	5	0.4	3.1	36.5
K-10-0294	E782041	212.23	214.58	QTZT	non-mineralized	N-AML	0.08	1.04	0.7	1	0.3	8.3	0.13	<0.05	2	0.084	0.06	0.5	5	0.3	2.5	26.5
K-10-0294	E782042	214.58	215.91	QTZT	non-mineralized	N-AML	0.1	1.1	1.1	1	0.3	9.3	0.12	<0.05	1.8	0.076	0.06	0.4	9	0.4	2.5	20.9
K-10-0294	E782043	215.91	217.14	TQTZT	non-mineralized	N-AML	0.32	2.95	5.6	1	0.9	85.6	0.3	<0.05	4.4	0.15	0.3	0.9	59	0.6	6.2	34.2
K-10-0294	E782044	217.14	219.23	TQTZT	non-mineralized	N-AML	0.19	2.23	4.7	1	0.8	58.9	0.34	<0.05	4.7	0.168	0.25	0.8	45	0.7	3.8	35.2
K-10-0294	E782045	219.23	221.27	TQTZT	non-mineralized	N-AML	0.12	1.09	1	1	0.3	10.4	0.13	<0.05	2	0.08	0.07	0.5	7	0.5	2.5	23.9
K-10-0294	E782046	221.27	223.4	TQTZT	non-mineralized	P-AML	0.42	1.75	1.8	1	0.4	20.8	0.21	<0.05	3.2	0.113	0.11	0.7	14	0.8	3.7	37.9
K-10-0294	E782047	223.4	225.53	TQTZT	non-mineralized	N-AML	0.09	0.48	0.8	1	0.3	7.5	0.12	<0.05	1.9	0.078	0.06	0.5	5	0.2	2.3	24
K-10-0294	E782049	225.53	226.87	TQTZT	non-mineralized	N-AML	0.08	0.66	0.9	1	0.2	6.9	0.1	<0.05	1.8	0.072	0.06	0.5	5	0.2	2.4	19.6
K-10-0294	E782050	226.87	228.4	GSCH	non-mineralized	P-AML	2.05	11.6	10	3	1.7	127.5	0.58	0.06	10.5	0.308	0.99	2	103	1.4	9.7	70.6
K-10-0294	E782051	228.4	229.82	QTZT	non-mineralized	N-AML	0.28	4.7	6.7	1	0.4	37.7	0.18	<0.05	1.7	0.246	0.21	0.6	65	0.4	4	22.1
K-10-0294	E782053	229.82	231.48	QTZT	non-mineralized	P-AML	0.32	3.39	2	1	0.5	40	0.21	<0.05	3.5	0.124	0.21	0.7	20	0.5	2.6	26.2
K-10-0294	E782054	231.48	232.87	QTZT	non-mineralized	N-AML	0.08	1.05	0.7	1	0.3	6.9	0.12	<0.05	1.9	0.077	0.08	0.4	5	0.1	2.1	18.6
K-10-0294	E782055	232.87	234.4	QTZT	non-mineralized	N-AML	0.08	1.47	0.8	1	0.4	6.9	0.13	<0.05	2.1	0.084	0.11	0.4	6	0.2	2.2	21.5
K-10-0294	E782056	234.4	236.28	QTZT	non-mineralized	N-AML	0.09	1.19	0.7	1	0.5	5.2	0.11	<0.05	1.7	0.068	0.07	0.4	5	0.3	1.7	18.9
K-10-0294	E782058	236.28	238.58	QTZT	non-mineralized	N-AML	0.07	1.11	1	1	0.7	7.1	0.12	<0.05	2.1	0.081	0.09	0.5	6	0.4	1.9	16.3
K-10-0294	E782060	239.53	242.01	QTZT	non-mineralized	P-AML	0.34	2.14	1.7	1	0.9	12.1	0.14	<0.05	2.3	0.086	0.16	0.5	14	0.9	2.1	16.1
K-10-0294	E782061	242.01	244.34	QTZT	non-mineralized	N-AML	0.09	1.2	0.8	1	0.7	8.3	0.11	<0.05	2.4	0.085	0.1	0.5	6	0.5	2.4	16.9
K-10-0294	E782062	244.34	246.37	QTZT	non-mineralized	N-AML	0.09	1.04	0.9	1	0.4	10.8	0.12	<0.05	2.5	0.091	0.1	0.5	6	0.5	2.3	15.1
K-10-0294	E782063	246.37	248.11	QTZT	non-mineralized	N-AML	0.18	1.22	0.9	1	0.4	20.6	0.09	<0.05	2.3	0.075	0.07	0.5	5	0.6	2.8	19.2
K-10-0294	E782065	248.11	249.42	QTZT	non-mineralized	N-AML	0.13	4.37	0.7	1	0.3	6.5	0.09	<0.05	2	0.069	0.08	0.4	5	0.5	1.9	13.7
K-10-0294	E782066	249.42	251.16	QTZT	non-mineralized	N-AML	0.23	2.63	1.1	1	0.3	31.6	0.08	<0.05	2.1	0.061	0.1	0.5	7	0.4	3	14.7
K-10-0294	E782067	251.16	252.5	GSCH	non-mineralized	P-AML	0.7	9.26	13.5	2	2.3	155	0.69	0.05	9.4	0.339	1.27	2.1	124	1.6	6.1	57.7
K-10-0294	E782068	252.5	254.2	TQTZT	non-mineralized	P-AML	0.84	4.53	4.1	2	0.7	64.8	0.22	<0.05	3.7	0.119	0.43	0.8	34	0.5	2.9	21.6
K-10-0294	E782069	254.2	254.93	TQTZT	non-mineralized	P-AML	0.71	1.85	2.4	1	0.5	32.7	0.09	<0.05	1.8	0.063	0.35	0.4	16	0.3	1.9	12.2
K-10-0294	E782071	254.93	256.17	GSCH	non-mineralized	N-AML	0.62	8.85	18.4	2	2.6	151.5	0.75	0.05	11.1	0.39	1.11	2.3	162	3.2	7.7	66.1
K-10-0294	E782072	256.17	257.25	GSCH	non-mineralized	N-AML	0.4	9.67	19.8	2	3.3	231	0.93	0.06	12.7	0.471	1.24	3	195	1.6	10	84.9
K-10-0294	E782073	257.25	258.56	TQTZT	non-mineralized	N-AML	0.24	1.28	2	1	3.4	10.9	0.11	<0.05	2.7	0.078	0.29	0.6	16	0.5	3.1	14
K-10-0294	E782074	258.56	260.3	TQTZT	non-mineralized	N-AML	0.5	3.36	2.4	1	2.3	47.1	0.17	<0.05	3.1	0.102	0.38	0.8	25	0.6	4	21.9
K-10-0294	E782075	260.3	262.47	TQTZT	non-mineralized	N-AML	0.43	4.09	2.8	1	1	76.3	0.15	<0.05	3.1	0.1	0.41	0.8	30	0.4	3.8	22.1
K-10-0294	E782076	262.47	263.35	TQTZT	non-mineralized	N-AML	0.2	2.2	2.4	1	0.6	27.9	0.18	<0.05	3.2	0.111	0.22	0.8	25	0.4	3.4	24.8
K-10-0294	E782077	263.35	264.45	TQTZT	non-mineralized	N-AML	0.18	1.18	2.8	1	0.5	56.8	0.14	<0.05	3.4	0.092	0.19	0.9	27	0.3	3.2	25.6
K-10-0294	E782079	264.45	265.88	GSCH	non-mineralized	N-AML	1.22	5.5	14.8	5	2.3	229	0.69	0.08	12.4	0.367	0.89	3.4	175	1.1	8.5	93.6
K-10-0294	E782080	265.88	267.83	TQTZT	non-mineralized	N-AML	0.11	1.1	2.8	1	0.5	46.3	0.18	<0.05	3.5	0.116	0.16	0.9	27	0.3	3.8	27.5
K-10-0294	E782081	267.83	269.94	TQTZT	non-mineralized	N-AML	0.19	<5	3			52			<20	0.12	<10	<10	34	<10		
K-10-0294	E782083	269.94	270.46	TQTZT	non-mineralized	N-AML	0.77	<5	3			65			<20	0.1	<10	<10	30	<10		
K-10-0294	E782084	270.46	272.49	TQTZT	non-mineralized	N-AML	1.16	<5	3			99			<20	0.13	<10	<10	38	<10		
K-10-0294	E782085	272.49	273.64	TQTZT	non-mineralized	N-AML	0.23	<5	1			16			<20	0.08	<10	<10	13	<10		
K-10-0294	E782086	273.64	275.54	TQTZT	non-mineralized	N-AML	0.13	<5	1			38			<20	0.05	<10	<10	8	<10		
K-10-0294	E782087	275.54	277.66	TQTZT	non-mineralized	P-AML	0.34	<5	2			38			<20	0.12	<10	<10	29	<10		
K-10-0294	E782088	277.66	278.93	TQTZT	mineralized	P-AML	0.21	<5	1			13			<20	0.06	<10	<10	6	<10		
K-10-0294	E782090	280.1	280.6	VM	non-mineralized	N-AML	0.84	77	16			34			<20	0.41	<10	<10	166	<10		
K-10-0294	E782092	280.6	281.64	ICQS	non-mineralized	P-AML	0.89	6	4			42			<20	0.14	<10	<10	47	10		
K-10-0294	E782094	282.2	283.01	TQTZT	non-mineralized	N-AML	0.73	5	2			60			<20	0.11	<10	<10	30	<10		
K-10-0294	E782095	283.01	284.68	TQTZT	non-mineralized	N-AML	0.68	5	2			66			<20	0.1	<10	<10	27	<10		
K-10-0294	E782096	284.68	285.83	TQTZT	non-mineralized	N-AML	0.91	9	6			63			<20	0.2	<10	<10	65	<10		
K-10-0294	E782098	285.83	287.73	QTZT	non-mineralized	P-AML	0.28	<5	1			8			<20	0.06	<10	<10	6	<10		
K-10-0294	E782099	287.73	288.85	QTZT	non-mineralized	P-AML	0.48	<5	1			8			<20	0.05	<10	<10	4	<10		
K-10-0294	E782100	288.85	290.72	QTZT	non-mineralized	P-AML	0.56	<5	1			11			<20	0.05	<10	<10	7	<10		
K-10-0294	E782101	290.72	291.2	TQTZT	non-mineralized	N-AML	0.26	2.31	1.4	1	0.5	22.3	0.13	<0.05	2	0.08	0.19	0.5	14	0.8	2.8	15.1
K-10-0294	E782102	291.2	293.83	TQTZT	non-mineralized	P-AML	0.36	2.66	1.5	1	0.6	15	0.16	<0.05	2.4	0.095	0.18	0.5	16	1.1	2.2	20.7
K-10-0294	E782103	293.83	294.3	TQTZT	non-mineralized	P-AML	0.34	4	5.9	1	2.7	50.9	0.45	<0.05	6.2	0.243	0.56	1.2	66	1.6	4.9	42.6

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E599899	K-07-0072	194.65	195.83	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	1.3	84	510	1.41	6	220	<0.5	<2	0.08	5.5	2	34	25	1.32	<10	0.39	10		0.19	562	<1	0.02	9
E599900	K-07-0072	195.83	197.6	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	0.7	62	230	5.15	5	480	0.9	<2	1.79	1.7	20	39	90	5.32	20	0.55	20		1.36	1230	1	0.1	46
E599901	K-07-0072	197.6	199.12	CHSCH	CHSCH	Non-Mineralized	P-AML	0.06	<0.5	7	17	5.71	<5	1360	1.6	5	0.17	<0.5	7	80	49	1.77	10	1.27	20		0.4	105	5	0.48	59
E599898	K-07-0072	193.6	194.65	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	1.7	60	1080	1.05	15	100	<0.5	<2	0.08	13.3	2	36	86	1.2	<10	0.23	10		0.12	937	<1	0.02	8
E601657	K-07-0116	171.51	173.53	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	<0.5	14	76	4.2	12	140	<0.5	<2	3.22	<0.5	21	40	103	5.04	10	0.24	10		1.56	726	<1	0.17	43
E776968	K-07-0123	150.8	152.65	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	1.9	167	1610	4.85	23	1990	1.4	<2	0.31	17.6	8	49	56	3.73	10	1.47	20		1.05	2080	<1	0.05	36
E776967	K-07-0123	148.8	150.8	CHSCH	CHSCH	Non-Mineralized	P-AML	<0.01	1.2	42	1220	5.22	8	3080	1.4	<2	0.25	14.3	10	62	59	3.7	20	1.53	20		1.1	1410	1	0.07	39
E602315	K-07-0125	17.68	18.31	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	11.3	1950	4390	6.17	7	250	1.7	<2	3.97	38.6	29	108	143	8.08	20	0.63	10		2.36	6040	1	0.02	79
E602316	K-07-0125	18.31	20.39	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	1.9	487	1310	1.52	17	460	0.5	<2	0.08	24.5	2	38	21	2.02	<10	0.45	10		0.22	2950	1	0.04	10
E602314	K-07-0125	14.66	17.68	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	<0.5	10	487	6.39	18	220	0.5	<2	6.75	2.9	30	85	192	6.67	10	0.18	<10		2.79	1195	<1	0.3	56
E777005	K-07-0126	20	23.43	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	<0.5	8	1775	7.34	14	160	0.7	<2	6.44	6.9	33	79	219	8.33	20	0.09	10		2.72	1495	<1	0.01	91
E777004	K-07-0126	16.9	20	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	<0.5	7	242	2.32	14	750	0.6	<2	3.88	3	6	57	32	1.48	10	0.52	10		0.65	379	2	0.05	17
E777003	K-07-0126	14.66	16.9	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	0.5	7	750	8.25	13	20	0.5	<2	7.37	8.2	35	105	175	8.47	20	0.01	10		3.72	1530	1	0.08	86
E753960	K-08-0130	91.45	93.05	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	<0.5	12	126	4.37	<5	3230	1.1	<2	0.54	<0.5	9	49	46	2.82	10	1.24	10		1.08	1125	2	0.15	33
E753959	K-08-0130	89.54	91.45	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	<0.5	24	67	3.04	<5	1930	0.8	<2	0.66	<0.5	9	36	93	2.11	10	0.88	10		0.74	1165	1	0.06	24
E753958	K-08-0130	87.54	89.54	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	1.1	25	131	5.32	<5	2080	1.7	<2	0.39	<0.5	15	64	109	3.33	10	1.69	20		1.13	1190	2	0.17	54
E753956	K-08-0130	83.53	85.55	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	<0.5	24	1215	4.8	9	2400	1.7	<2	0.34	11.1	16	45	50	3.22	10	1.6	20		0.94	2370	3	0.1	41
E753957	K-08-0130	85.55	87.54	CHSCH	CHSCH	Non-Mineralized	N-AML	0.04	1.3	166	356	4.53	6	1630	1.6	<2	0.31	2.7	13	48	84	3.26	10	1.59	20		0.94	1980	3	0.06	43
E754015	K-08-0134	91.74	93.63	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	<0.5	16	189	5.02	<5	4960	1.4	<2	0.36	<0.5	16	52	195	2.85	20	1.09	20		1	1600	2	0.39	41
E754017	K-08-0134	96.63	100.19	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	<0.5	31	116	5.76	<5	2660	1.7	<2	0.37	<0.5	17	51	138	3.1	20	1.54	20		1.16	1090	<1	0.53	47
E777367	K-08-0142	37.61	40.5	CHSCH	CHSCH	Non-Mineralized	P-AML	<0.01	<0.5	16	135	5.44	<5	4440	1.6	<2	0.27	<0.5	13	69	102	2.98	20	1.5	20		1.03	897	<1	0.5	55
E777369	K-08-0142	40.5	43.38	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	<0.5	18	212	5.78	8	1180	0.7	<2	4.24	0.6	25	105	126	5.03	10	0.57	10		2.18	1040	<1	0.7	66
E603033	K-08-0151	76.45	78.45	CHSCH	CHSCH	Non-Mineralized	N-AML	0.02	0.7	7	263	4.25	20	2640	1	<2	0.38	1.2	9	42	224	2.97	10	1.05	10		0.96	627	2	0.11	27
E603032	K-08-0151	74.29	76.45	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	<0.5	6	517	4.67	<5	2920	1.3	<2	0.12	1.4	8	63	61	2.87	20	1.33	20		0.94	735	1	0.09	35
E603030	K-08-0151	72.24	74.29	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	<0.5	9	320	5.13	8	3720	1.5	<2	1.21	<0.5	16	51	104	3.03	10	1.61	20		0.99	7810	1	0.11	61
E603029	K-08-0151	70.27	72.24	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	<0.5	12	217	5.05	<5	2860	1.5	<2	0.67	<0.5	14	59	54	2.99	10	1.49	20		1.04	2430	2	0.11	51
E603028	K-08-0151	68.27	70.27	CHSCH	CHSCH	Non-Mineralized	N-AML	0.02	<0.5	19	193	5.29	<5	2780	1.5	<2	0.54	<0.5	13	65	55	3.03	10	1.58	20		1.08	1035	1	0.11	50
E603026	K-08-0151	64.27	66.26	CHSCH	CHSCH	Non-Mineralized	P-AML	<0.01	<0.5	19	191	5.44	5	3530	1.7	<2	0.47	<0.5	14	62	115	3.27	10	1.62	20		1.11	1005	2	0.13	41
E603027	K-08-0151	66.26	68.27	CHSCH	CHSCH	Non-Mineralized	P-AML	0.01	<0.5	18	184	5.5	<5	3210	1.8	<2	0.54	<0.5	16	59	140	3.32	10	1.62	20		1.17	950	1	0.12	51
E754388	K-08-0153	63.7	66.7	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	<0.5	12	233	4.84	<5	2720	1.3	<2	0.78	1.4	11	63	84	2.78	10	1.36	20		0.96	1230	<1	0.3	42
E754383	K-08-0153	51.71	54.71	CHSCH	CHSCH	Non-Mineralized	P-AML	<0.01	<0.5	18	153	5.77	<5	2300	1.9	<2	0.66	0.8	15	63	106	2.95	20	1.62	20		1.24	1450	<1	0.48	51
E754384	K-08-0153	54.71	57.71	CHSCH	CHSCH	Non-Mineralized	P-AML	<0.01	0.6	9	156	5.33	<5	3780	1.6	<2	0.51	0.6	16	64	68	3.13	10	1.54	20		1.07	2680	<1	0.4	54
E754387	K-08-0153	60.71	63.7	CHSCH	CHSCH	Non-Mineralized	P-AML	<0.01	<0.5	13	157	5.78	6	3170	1.7	<2	0.41	1.1	16	76	74	2.94	20	1.61	20		1.13	1630	<1	0.51	56
E754389	K-08-0153	66.7	69.58	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	<0.5	13	627	5	8	3260	1.3	<2	0.31	4	13	66	72	3.03	10	1.29	20		1.05	1070	3	0.12	43
E754386	K-08-0153	57.71	60.71	CHSCH	CHSCH	Non-Mineralized	P-AML	<0.01	<0.5	12	217	5.11	<5	3490	1.5	<2	0.43	1.2	14	58	38	2.64	20	1.58	20		1.01	1215	<1	0.2	45
E778136	K-08-0175	128.8	129.8	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	1.7	204	2470	4.63	18	2260	1.2	<2	0.11	18.1	9	65	20	4.07	<10	1.25	20		0.88	1740	5	0.05	44
E778137	K-08-0175	129.8	130.8	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	1	79	1050	5.25	20	3720	1.6	<2	0.09	8.3	14	76	20	3.9	10	1.62	20		1	939	<1	0.07	55
E778139	K-08-0175	130.8	131.19	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	2.3	67	753	4.95	110	2810	1.4	<2	0.11	4.3	12	67	57	4.72	20	1.39	20		1.02	1150	1	0.06	45
E778140	K-08-0175	131.19	133.12	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	3.9	160	2200	5.32	42	920	1.4	2	0.14	24.1	6	78	87	5.61	20	1.44	20		0.92	1600	<1	0.1	40
E778184	K-08-0177	60.98	63.52	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	<0.5	5	128	6.58	12	1260	1.9	4	2.97	<0.5	14	103	52	4.07	20	1.42	30		0.97	334	<1	0.62	50
E778226	K-08-0177	127.08	128.43	CHSCH	CHSCH	Non-Mineralized	P-AML	0.02	1.2	147	695	5.54	9	3400	2	<2	0.39	6.2	16	67	62	3.54	10	1.91	20		1.07	2940	1	0.08	56
E778230	K-08-0177	132.7	134	CHSCH	CHSCH	Non-Mineralized	N-AML	0.01	0.6	19	2610	2.05	5	560	0.6	<2	3.08	8.1	5	58	11	1.77	<10	0.76	20		0.27	1270	1	0.06	18
E778229	K-08-0177	131.37	132.7	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	0.5	7	264	6.88	28	50	<0.5	<2	7.15	0.9	34	98	159	7.2	20	0.15	10		3.03	1245	<1	0.86	68
E775033	K-10-0265	86.56	87.27	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	3	158	445	4.97	22	3250	1.5	<2	0.08	3	8	67	123	3.5	10	1.69	30		0.86	2200	3	0.07	39
E775035	K-10-0265	87.61	88.48	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	3.6	491	784	4.92	13	3960	1.5	<2	0.33	6.8	13	67	103	2.87	10	1.64	30		0.82	1530	3	0.07	44
E782319	K-10-0317	163.9	164.25	CHSCH	CHSCH	Non-Mineralized	N-AML	<0.01	0.7	51	493	5.51	35	510	0.9	<2	1.94	1.7	20	59	48	4.86	10	0.53	20		1.51	2010	<1	0.33	39
E776970	K-07-0123	152.65	154.24	CHSCH	CHSCH	Mineralized	P-AML	<0.01	4.5	93	5500	5.15	26	590	1.7	<2	0.1	72.8	10	56	120	5.49	20	1.36	20		0.88	2570	3	0.05	50
E770261	K-08-0141	112.87	113.54	CHSCH	CHSCH	Mineralized	P-AML	0.01	1.3	42	13300	5.78	304	60	0.7	2	0.19	293	18	25	31	12.05	20	0.6	10		1.6	12000	<1	0.01	43
E777286	K-08-0138	86.12	89.2	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	10	439	1.28	10	190	<0.5	<2	1.71	0.9	3	44	12	0.87	<10	0.36	10		0.14	196	<1	0.03	8
E777288	K-08-0138	90.27	91.33	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	6	49	0.71	8	110	<0.5	<2	5.48	<0.5	1	28	5	0.68	<10	0.18	10		0.16	125	<1	0.03	3
E000114	K-11-0324	35.61	37.74	BX	BX			0.02	9.7	260	1200	1.54	151	210	0.5	4	0.02	15.3	1	44	67	2.65	<10	0.47	20		0.05	655	<1	0.05	2
E000112	K-11-0324	34.65	35.61	BX	BX			0.01	1.1	77	742	0.59	183	60	<0.5	2	0.01	18.4	1	29	11	1.76	<10	0.22	10		0.01	326	<1	0.01	2
E777291	K-08-0138	92.2	95	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	377	0.66	13	90	<0.5	<2	1.9	0.7	1	39	11	0.67	<10	0.16	10		0.11	203	<1	0.02	5
E777292	K-08-0138	95	97.06	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	8	189	0.95	15	200	<0.5	<2	1.75	0.5	2	38	11	0.76	<10	0.28	10		0.12	126	<1	0.05	6
E601584	K-07-0116	50.98	52.99	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	76	1.08	6	160	<0.5	2	2.99	0.6	2	30	6	0.92	<10	0.28	10		0.17	109	1	0.04	9
E601580	K-07-0116	45.04	46.91	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	38	1.46	17	220	<0.5	<2	4.68	<0.5	2	40	7	1.06	<10	0.35	10		0.22	137	<1	0.03	10
E601583	K-07-0116	48.99	50.98	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	55	1.43	<5	210	<0.5	2	2.18	0.6	4	39	11	1.17	10	0.33	10		0.19	122	<1	0.05	11
E601585	K-07-0116	52.99	55.03	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	0.5	78	338	1.47	13	220	<0.5	3	1.51	3	3	36	6	1.49	<10	0.44	10		0.21	1710	<1	0.04	10
E601586	K-07-0116	55.03	57.03	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	229	0.56	18	70	<0.5	3	2.33	2.5	1	27	4	0.66	<10	0.15	10		0.09	200	<1	0.02	4
E601587	K-07-0116	57.03	59.07	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	113	1.75	11	310	<0.5	2	4.36	0.6	4	42	16	1.4	10	0.39	10		0.45	251	1	0.07	13
E601581	K-07-0116	46.91	48.99	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	78	2.07	16	320	0.6	4	3.02	0.8	4	44	9	1.41	10	0.5	10		0.22	140	<1	0.07	13
E777241	K-08-0129	235	237.44	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	6	34	1.74	9	190	<0.5	<2	1.19	<0.5	3	45	7	1.22	<10	0.33	10		0.22	147	1	0.07	15
E777240	K-08-0129	232.25	235	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	32	1.66	<5	180	<0.5	<2	1.61	<0.5	3	41	6	1.28	<10	0.38	10		0.37	124	<1	0.06	10
E777248	K-08-0129	252	255	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	25	125	0.48	13	50	<0.5	<2	0.39	0.9	1	26	4	0.5	<10	0.12	10		0.04	461	<1	0.01	4
E777250	K-08-0129	257.41	258.85	CQTZT	CQTZT	Non-Mineralized	N-AML	0.03	<0.5	349	891	1.4	23	190	0.5	<2	2.62	6.9	3	31	4	2.45	<10	0.47	10		0.47	7740	<1	0.04	10
E777249	K-08-0129	255	257.41	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	39	102	1.24	15	160	<0.5	<2	1.51	0.6	2	48	15	0.9	<10	0.36	10		0.12	390	1	0.04	10
E777246	K-08-0129	249	252	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	2	24	1.04	<5	120	<0.5	<2	1.79	<0.5	2	42	4	0.69	<10	0.3	10		0.1	145	<1	0.03	9
E777245	K-08-0129	246.58	249	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	7	20	0.93	7	100	<0.5	<2	2.44	<0.5	2	31	5	0.82	<10	0.19	10		0.11	97	<1	0.03	9
E770061	K-08-0135	58.4	61.4	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	57	2.95	10	560	0.7	<2	3.63	<0.5	3	51	16	1.76	<10	0.68	10		0.59	212	<1	0.11	16
E602637	K-08-0136	17.68	20.73	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	10	178	2.29	<5	360	0.6	<2	2.98	1.3	2	45	10	1.28	10	0.6	10		0.26	156	1	0.09	12

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E602636	K-08-0136	14.63	17.68	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	4	76	0.5	<5	60	<0.5	<2	1.98	0.5	1	33	5	0.6	<10	0.11	10		0.08	133	<1	0.02	4
E602640	K-08-0136	23.63	26.36	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	32	223	1.16	10	250	<0.5	<2	2.26	1	1	35	11	0.88	<10	0.37	10		0.1	318	1	0.05	7
E602639	K-08-0136	20.73	23.63	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	33	224	2.33	12	380	0.6	<2	2.26	1.3	1	51	13	1.29	10	0.65	20		0.23	219	1	0.09	14
E602643	K-08-0136	27.97	28.95	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	25	139	1.26	13	450	<0.5	<2	0.89	0.5	2	38	34	0.92	<10	0.39	10		0.23	246	1	0.03	11
E602645	K-08-0136	31.45	33.67	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	4	102	3.72	6	210	<0.5	<2	3.88	<0.5	17	63	85	3.66	10	0.21	10		1.3	575	1	0.06	29
E602647	K-08-0136	37.84	40	CQTZT	CQTZT	Non-Mineralized	N-AML	0.03	0.5	9	145	5.54	27	2320	1.5	<2	0.11	0.5	7	82	69	3.26	10	1.5	30		0.87	373	4	0.26	37
E602660	K-08-0136	67.03	69.7	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	1	40	189	2.5	5	410	0.7	<2	0.76	0.9	3	53	30	2.01	<10	0.46	20		0.21	179	1	0.07	23
E602659	K-08-0136	65.57	67.03	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	11	45	1.08	7	150	<0.5	2	0.3	<0.5	<1	34	10	1.14	<10	0.15	10		0.17	99	<1	0.02	10
E602658	K-08-0136	63.4	65.57	CQTZT	CQTZT	Non-Mineralized	P-AML	0.01	<0.5	39	121	5.34	9	880	1.3	<2	0.72	<0.5	4	82	17	2.73	10	1.05	30		0.41	182	1	0.13	32
E602656	K-08-0136	60.35	63.4	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	23	182	5.09	9	800	1.2	4	1.45	0.5	3	84	22	2.46	10	0.99	30		0.38	163	1	0.23	35
E602655	K-08-0136	57.3	60.35	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	13	234	3.07	10	410	0.8	<2	1.68	1.2	2	57	13	2.13	10	0.51	10		0.31	158	<1	0.14	21
E602654	K-08-0136	54.5	57.3	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	11	179	2.04	<5	340	0.5	3	1.63	3.2	<1	56	8	1.2	<10	0.49	10		0.21	121	<1	0.1	15
E602661	K-08-0136	69.7	72.7	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	16	145	1.89	<5	400	0.5	3	2.29	1.1	<1	45	19	1.26	<10	0.51	10		0.24	122	<1	0.06	11
E602663	K-08-0136	72.7	75.5	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	9	65	1.36	10	270	<0.5	<2	1.16	<0.5	<1	45	6	1.06	<10	0.33	10		0.16	118	<1	0.03	10
E602664	K-08-0136	75.5	77.41	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	8	135	1.98	10	330	0.5	2	0.83	<0.5	<1	50	6	1.11	<10	0.48	10		0.19	118	<1	0.04	12
E602666	K-08-0136	79.36	82.36	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	17	402	1.19	10	230	<0.5	<2	2.97	1.1	<1	44	6	0.74	<10	0.36	10		0.14	233	<1	0.03	4
E602665	K-08-0136	77.41	79.36	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	10	1295	1.18	7	190	<0.5	3	0.79	4.4	1	45	6	0.97	<10	0.31	10		0.19	561	<1	0.03	9
E602667	K-08-0136	82.36	85.36	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	25	441	1.09	5	210	<0.5	2	4.21	0.6	<1	43	6	0.74	<10	0.34	10		0.17	296	1	0.03	9
E602669	K-08-0136	85.36	88.36	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	9	173	3	5	440	0.7	<2	1.36	0.6	2	66	10	1.76	<10	0.65	20		0.29	188	1	0.07	22
E602670	K-08-0136	88.36	90.22	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	15	88	3.08	<5	580	0.9	<2	1.25	<0.5	1	64	13	1.46	10	0.74	20		0.3	140	1	0.12	17
E602671	K-08-0136	90.22	91.85	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	0.5	15	77	3.44	13	550	0.8	2	1.71	0.7	1	69	11	2.06	10	0.72	20		0.4	172	<1	0.12	19
E602677	K-08-0136	98.91	101.91	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	6	69	0.73	<5	110	<0.5	<2	0.56	<0.5	<1	43	5	0.71	<10	0.17	10		0.11	188	<1	0.03	5
E602678	K-08-0136	101.91	103.81	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	8	69	0.78	<5	140	<0.5	<2	0.94	<0.5	<1	45	5	0.83	<10	0.18	10		0.2	176	<1	0.02	6
E602676	K-08-0136	95.91	98.91	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	0.5	18	66	3.01	15	390	0.8	2	1	<0.5	3	66	12	1.89	10	0.56	20		0.26	196	<1	0.11	16
E777281	K-08-0138	78.42	80.64	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	4	79	0.9	7	140	<0.5	<2	2.69	<0.5	1	30	14	0.93	<10	0.2	10		0.18	212	<1	0.03	6
E777283	K-08-0138	82.04	83.1	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	9	43	1.53	9	220	<0.5	2	2.71	0.6	2	45	16	1.18	<10	0.39	10		0.22	119	<1	0.06	9
E770143	K-08-0139	106.5	108.61	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	33	714	0.92	<5	130	<0.5	<2	0.95	0.6	2	43	9	1.02	<10	0.26	10		0.23	1020	<1	0.03	8
E770142	K-08-0139	105	106.5	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	52	893	0.92	<5	120	<0.5	<2	1.11	3	2	38	5	1.42	<10	0.25	10		0.28	2170	<1	0.03	7
E770159	K-08-0139	120.9	121.5	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	2250	0.31	6	50	<0.5	<2	1.39	2	4	31	3	0.63	<10	0.1	<10		0.06	1655	<1	0.01	9
E770161	K-08-0139	122.5	123.5	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	1.1	218	1540	0.68	11	120	<0.5	<2	1.17	6.6	3	25	4	2.09	<10	0.2	10		0.38	8700	<1	0.02	10
E770163	K-08-0139	126	128.47	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	3370	1.27	<5	200	<0.5	<2	4.17	9.4	7	38	5	1.37	<10	0.36	10		0.21	3280	<1	0.04	21
E770162	K-08-0139	123.5	126	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	65	3520	0.59	6	80	<0.5	<2	2.8	3.5	8	30	3	1.33	<10	0.19	10		0.36	4330	<1	0.01	15
E770167	K-08-0139	131.5	133.33	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	1230	1.16	6	160	<0.5	<2	1.04	4.2	3	43	6	1.21	<10	0.28	10		0.11	1150	1	0.04	14
E770166	K-08-0139	129.46	131.5	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	27	2250	0.96	<5	130	<0.5	<2	1.79	7	6	31	7	1.4	<10	0.21	10		0.25	2290	<1	0.03	15
E770186	K-08-0139	166.57	167.03	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	0.5	6	35	0.34	10	60	<0.5	<2	3.49	<0.5	8	18	321	6.2	<10	0.03	<10		1.41	607	<1	0.01	7
E754152	K-08-0140	122.8	125	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	456	1.4	<5	210	<0.5	<2	0.84	2.4	2	41	5	0.88	<10	0.31	10		0.16	230	1	0.05	10
E754153	K-08-0140	125	128	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	32	1.85	<5	270	0.5	<2	1.26	<0.5	2	48	6	1.04	<10	0.43	10		0.22	110	<1	0.08	11
E754161	K-08-0140	146	149	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	51	1.99	12	320	0.5	<2	1.48	<0.5	2	54	14	1.18	<10	0.56	20		0.2	153	<1	0.06	14
E754154	K-08-0140	128	131	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	19	299	2.39	10	330	0.6	<2	1.06	2.1	3	62	10	1.32	<10	0.61	10		0.19	274	1	0.09	19
E754156	K-08-0140	131	134	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	6	186	1.03	11	140	<0.5	<2	0.17	1	2	44	8	0.83	<10	0.25	10		0.08	165	1	0.04	9
E754157	K-08-0140	134	137	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	0.5	119	408	2.02	16	290	0.6	<2	0.98	2.7	5	52	10	1.15	<10	0.55	10		0.14	842	1	0.06	16
E754158	K-08-0140	137	140	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	69	2.9	7	410	0.7	<2	2.82	<0.5	6	58	11	1.58	<10	0.65	20		0.37	141	1	0.1	21
E754159	K-08-0140	140	143	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	50	2.4	<5	370	0.6	<2	2.54	0.7	4	49	12	1.49	<10	0.57	10		0.36	185	1	0.08	16
E754160	K-08-0140	143	146	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	8	55	2.81	7	520	0.8	<2	1.92	0.7	2	58	18	1.5	<10	0.72	10		0.36	135	2	0.11	21
E754163	K-08-0140	149	151.25	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	21	88	3.11	16	530	0.9	<2	2.48	<0.5	6	60	21	1.69	10	0.83	20		0.3	302	4	0.2	23
E777353	K-08-0142	12	15	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	152	1.26	8	190	<0.5	<2	0.44	1	2	49	6	1.06	<10	0.36	10		0.07	121	1	0.04	10
E777354	K-08-0142	15	18	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	173	0.53	18	260	<0.5	<2	0.76	2.1	1	33	4	0.46	<10	0.17	10		0.03	129	<1	0.02	4
E777355	K-08-0142	18	19.68	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	4	221	1.02	54	190	<0.5	<2	1.31	1.5	1	40	8	0.78	<10	0.31	10		0.05	131	<1	0.04	4
E777350	K-08-0142	6	9	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	134	1.99	11	230	0.6	<2	0.26	0.5	6	51	17	1.54	<10	0.49	10		0.1	268	1	0.07	20
E777351	K-08-0142	9	12	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	10	144	1.14	<5	170	<0.5	<2	1.97	1.2	2	34	7	0.85	<10	0.31	10		0.1	127	1	0.04	11
E777358	K-08-0142	23.28	25.32	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	48	2.88	<5	570	0.6	<2	3.83	<0.5	6	69	33	1.92	<10	0.51	10		0.76	326	2	0.29	25
E777357	K-08-0142	20.73	23.28	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	4	101	1.52	7	260	<0.5	<2	1.86	<0.5	1	44	7	0.96	<10	0.4	10		0.17	75	1	0.08	8
E777360	K-08-0142	27.73	28.47	CQTZT	CQTZT	Mineralized	P-AML	<0.01	<0.5	<2	100	1.9	<5	770	0.5	<2	2.08	0.6	3	41	38	1.4	<10	0.54	10		0.36	269	2	0.13	14
E777362	K-08-0142	30.05	31.68	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	163	2.36	8	1060	0.6	<2	1.29	0.7	3	48	30	1.35	<10	0.61	10		0.44	316	4	0.1	16
E777364	K-08-0142	31.68	33.04	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	569	3.44	9	740	0.6	<2	1.8	2.4	12	55	52	2.68	10	0.51	10		0.97	599	1	0.12	29
E777365	K-08-0142	33.04	35.9	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	5	1450	1.46	10	310	<0.5	<2	1.82	5.3	6	41	20	1.23	<10	0.3	10		0.33	749	1	0.06	20
E777366	K-08-0142	35.9	37.61	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	162	1.69	<5	920	0.5	<2	0.79	<0.5	2	36	29	0.98	10	0.53	10		0.29	202	2	0.06	15
E777370	K-08-0142	43.38	45.82	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	287	1.03	<5	370	<0.5	<2	1.08	1.8	4	35	27	0.91	<10	0.3	10		0.24	262	1	0.03	13
E777374	K-08-0142	51.19	54.18	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	281	1.05	11	210	<0.5	<2	1.59	1.2	5	35	10	0.9	<10	0.31	10		0.14	126	<1	0.04	15
E777375	K-08-0142	54.18	57.18	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	1180	0.89	5	130	<0.5	<2	1.05	4.9	4	36	6	0.88	<10	0.23	10		0.14	548	<1	0.03	17
E777376	K-08-0142	57.18	60.18	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	18	964	0.64	6	100	<0.5	<2	0.44	4.1	2	34	4	0.61	<10	0.2	10		0.09	604	<1	0.02	7
E777378	K-08-0142	60.18	63.18	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	1110	0.34	8	40	<0.5	<2	0.26	3.7	2	37	3	0.51	<10	0.08	10		0.06	337	<1	0.01	6
E777379	K-08-0142	63.18	66.38	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	3140	0.74	7	100	<0.5	<2	0.67	14.2	3	39	4	0.73	<10	0.21	10		0.09	627	<1	0.02	12
E777380	K-08-0142	66.38	67.7	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	11	1110	5.03	7	690	1.5	<2	0.86	2.8	7	79	16	2.4	10	1.06	30		0.31	374	1	0.22	37
E777381	K-08-0142	67.7	70.16	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	8	424	0.88	<5	180	<0.5	<2	1.54	3.6	3	35	5	0.72	<10	0.23	10		0.14	170	<1	0.03	8
E777391	K-08-0142	86.67	88.8	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	8	883	1.28	16	210	<0.5	<2	0.92	18.9	1	47	7	0.99	<10	0.37	10		0.18	278	<1	0.03	10
E777389	K-08-0142	81.59	84	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	16	3800	2.04	20	330	0.6	<2	0.55	30.2	5	52	9	1.44	<10	0.46	10		0.16	732	<1	0.04	14
E777386	K-08-0142	77.18	79.02	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	7	622	0.93	<5	180	<0.5	<2	0.98	3	3	39	5	1.02	<10	0.2	10		0.13	261	<1	0.01	8
E777390	K-08-0142	84	86.67	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	13	1920	1.3	11	200	<0.5	<2	1.21	47.7	2	50	5	0.89	<10	0.42	10		0.14	447	<1	0.02	8
E777388	K-08-0142	79.02	81.59	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	20	1410	2.28	17	490	0.6	<2	2.63	12.3	5	50	13	1.36	<10	0.64	10		0.27	379	1	0.06	15

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E777410	K-08-0142	117.97	120.73	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	143	2560	1.5	14	200	<0.5	<2	3.34	11.8	3	48	8	1.48	<10	0.43	10		0.72	1090	<1	0.04	15
E777417	K-08-0142	131.35	133.5	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	4	2030	1.74	<5	240	0.5	<2	0.18	11.3	4	53	11	1.08	<10	0.37	10		0.12	486	1	0.05	14
E777414	K-08-0142	125.54	128.02	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	9	4360	1.73	7	220	0.5	<2	1.47	15	7	48	16	1.5	<10	0.32	10		0.4	1150	1	0.04	19
E777412	K-08-0142	122.81	125.54	CQTZT	CQTZT	Non-Mineralized	P-AML	0.01	<0.5	9	4070	4.31	7	530	1.2	<2	0.73	13	8	78	14	2.21	10	0.84	20		0.4	1020	1	0.16	28
E777411	K-08-0142	120.73	122.81	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	4	2270	3.43	11	400	0.9	<2	2.1	6.1	5	66	14	2.07	10	0.7	20		0.67	759	1	0.12	24
E602811	K-08-0144	11.58	14.63	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	119	2.1	14	340	0.6	<2	1.54	<0.5	2	62	12	1.37	<10	0.62	10		0.13	114	1	0.07	15
E602814	K-08-0144	20.73	23.3	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	41	1.92	<5	450	0.5	<2	3.7	0.5	2	50	10	1	<10	0.47	10		0.34	151	1	0.11	18
E602812	K-08-0144	14.63	17.68	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	208	0.46	26	90	<0.5	<2	0.61	1.4	2	35	4	0.55	<10	0.16	10		0.02	154	1	0.02	6
E602809	K-08-0144	8.53	11.58	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	58	0.87	12	130	<0.5	<2	2.06	0.5	2	43	5	0.81	<10	0.24	10		0.08	125	<1	0.03	8
E602808	K-08-0144	4.57	8.53	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	47	228	5.59	31	570	1.5	<2	1.06	1	11	105	38	3.84	10	1.13	20		0.49	1540	1	0.17	42
E602813	K-08-0144	17.68	20.73	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	265	2.51	11	390	0.7	<2	1.73	1.1	2	57	11	1.52	10	0.66	20		0.17	116	1	0.14	17
E602819	K-08-0144	32.92	35.4	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	114	2.42	7	710	0.5	<2	2.03	0.5	6	51	43	1.82	<10	0.48	10		0.66	336	2	0.08	24
E602818	K-08-0144	29.87	32.92	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	47	505	1.13	12	270	<0.5	<2	1.6	3.1	4	38	24	1.02	<10	0.28	10		0.2	513	1	0.07	13
E602817	K-08-0144	26.1	29.87	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	256	2.91	<5	1740	0.8	<2	1.27	0.8	7	45	55	1.92	10	0.84	10		0.59	783	2	0.08	31
E602834	K-08-0144	63.4	66.45	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	7	304	1.36	<5	240	<0.5	<2	2.85	1.9	2	38	6	0.96	<10	0.32	10		0.22	183	<1	0.05	10
E602827	K-08-0144	48.16	51.21	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	3	37	1	8	190	<0.5	<2	2.3	0.6	2	40	6	0.72	<10	0.29	10		0.12	94	1	0.06	10
E602828	K-08-0144	51.21	54.25	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	17	574	2.17	9	330	0.5	<2	1.68	2.2	3	55	10	1.56	10	0.62	20		0.26	394	2	0.08	22
E602830	K-08-0144	54.25	57.3	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	1.6	14	463	1.06	10	160	<0.5	<2	0.89	2	2	46	106	0.66	<10	0.35	10		0.1	190	3	0.03	9
E602831	K-08-0144	57.3	58.94	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	0.6	9	339	2.81	<5	400	0.7	<2	1.13	1.6	3	63	16	1.75	10	0.71	10		0.23	134	1	0.1	19
E602833	K-08-0144	60.87	63.4	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	13	2790	2.73	6	430	0.8	<2	1.06	11.9	5	60	11	1.75	10	0.65	10		0.24	771	1	0.14	21
E602835	K-08-0144	66.45	69.49	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	12	117	4.26	<5	670	1.1	<2	1.25	<0.5	6	68	15	2.53	10	0.86	20		0.37	197	1	0.13	28
E602832	K-08-0144	58.94	60.87	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	0.6	17	1460	8.7	10	1140	2.3	<2	1.74	5.6	8	120	29	4.7	20	1.83	40		0.72	369	2	0.32	55
E602836	K-08-0144	69.49	72.54	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	14	154	3.71	6	650	0.9	<2	0.54	<0.5	6	62	22	2.07	10	0.87	20		0.27	166	1	0.09	30
E602851	K-08-0144	105	106.07	CQTZT	CQTZT	Non-Mineralized	N-AML	0.03	6	2240	4210	4.61	72	740	1.2	<2	0.41	17.9	9	68	17	4.22	10	1.43	20		0.28	12050	2	0.16	41
E602869	K-08-0144	133.5	136.55	CQTZT	CQTZT	Non-Mineralized	N-AML	0.36	23.1	588	4660	1.69	1310	20	0.5	12	0.1	50.3	14	45	121	12.1	<10	0.31	10		0.13	15750	<1	0.07	16
E602848	K-08-0144	99.97	103.02	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	70	1615	1.32	<5	140	<0.5	<2	0.45	3.4	4	34	7	1.54	<10	0.34	10		0.28	1910	<1	0.03	17
E602862	K-08-0144	124.36	127.41	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	0.7	274	3170	0.65	11	130	<0.5	<2	0.54	45.4	4	44	6	2.22	<10	0.22	10		0.2	6780	<1	0.02	8
E602863	K-08-0144	127.41	128.24	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	1	134	1160	2.88	27	640	0.8	<2	0.14	11.3	6	66	18	2.19	10	0.92	20		0.15	3730	2	0.09	20
E602865	K-08-0144	128.24	130.45	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	1.5	169	1630	4.25	43	700	1.3	<2	0.44	9.9	7	80	26	2.91	10	1.31	20		0.26	4400	2	0.15	28
E602860	K-08-0144	118.26	121.31	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	0.7	49	1580	4.17	31	550	1.1	<2	1.68	14	6	71	16	2.48	10	1.05	20		0.41	2100	1	0.17	27
E602868	K-08-0144	132.95	133.5	CQTZT	CQTZT	Non-Mineralized	N-AML	0.56	538	2230	4740	0.64	1800	10	<0.5	19	0.11	74	22	21	2780	9.22	<10	0.12	10		0.08	17200	<1	0.02	14
E602859	K-08-0144	115.21	118.26	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	21	926	0.63	<5	90	<0.5	<2	0.13	5	2	37	4	0.74	<10	0.2	10		0.06	1170	<1	0.02	6
E602873	K-08-0144	142	142.64	CQTZT	CQTZT	Non-Mineralized	N-AML	0.04	37.6	43	1130	0.76	468	30	<0.5	3	0.05	7	3	46	335	2.06	<10	0.17	10		0.12	2830	<1	0.01	6
E602874	K-08-0144	142.64	144.14	CQTZT	CQTZT	Non-Mineralized	N-AML	0.1	7.7	138	1175	0.76	4600	<10	<0.5	12	0.07	5.1	7	64	344	3	<10	0.17	10		0.06	4570	<1	0.03	3
E602875	K-08-0144	144.14	145.69	CQTZT	CQTZT	Non-Mineralized	N-AML	0.17	12.7	240	2010	0.72	6550	10	<0.5	19	0.09	5.5	10	50	414	3.26	<10	0.16	10		0.06	5960	<1	0.03	9
E602876	K-08-0144	145.69	148.74	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	4.1	61	1645	0.51	110	50	<0.5	10	0.16	4.4	2	41	55	0.98	<10	0.17	10		0.06	1790	<1	0.01	2
E602847	K-08-0144	96.93	99.97	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	0.6	25	869	5.57	23	780	1.2	<2	0.91	0.8	8	87	17	2.86	10	1.19	30		0.49	513	1	0.15	36
E602839	K-08-0144	75.59	78.64	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	9	91	1.49	<5	280	<0.5	<2	1.06	0.5	3	47	6	1.11	<10	0.4	10		0.18	117	<1	0.03	12
E602840	K-08-0144	78.64	81.69	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	6	27	0.73	<5	110	<0.5	<2	0.74	<0.5	1	42	4	0.53	<10	0.21	10		0.09	49	<1	0.01	8
E602841	K-08-0144	81.69	84.73	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	16	369	2.52	14	430	0.7	<2	1.94	2	3	57	10	1.35	<10	0.69	10		0.26	203	1	0.08	20
E602842	K-08-0144	84.73	87.78	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	29	4600	0.8	12	150	<0.5	<2	2.23	6.4	3	37	6	0.69	<10	0.27	10		0.1	1050	1	0.02	11
E602843	K-08-0144	87.78	90.83	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	13	1140	3.72	22	590	1	<2	2.12	6.2	5	74	13	1.96	10	0.85	20		0.35	455	1	0.11	27
E602861	K-08-0144	121.31	124.36	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	1.4	410	2390	2.94	12	520	0.9	<2	0.47	18.4	6	62	14	2.24	10	0.89	20		0.21	3010	<1	0.11	20
E602846	K-08-0144	93.88	96.93	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	10	117	4.25	7	660	1.1	<2	1.73	<0.5	5	69	14	1.86	10	0.88	20		0.46	156	2	0.19	25
E602838	K-08-0144	72.54	75.59	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	8	533	1.67	5	340	<0.5	<2	2.48	2	3	41	10	1.16	<10	0.43	10		0.26	209	1	0.05	15
E602850	K-08-0144	103.02	105	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	8	223	2.24	<5	310	0.7	<2	1.15	0.7	3	50	10	1.18	<10	0.65	10		0.19	267	1	0.09	16
E602852	K-08-0144	106.07	108.48	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	1.2	459	2830	0.39	6	50	<0.5	<2	1.07	9.9	3	29	3	2.54	<10	0.12	<10		0.51	7280	1	0.01	9
E602853	K-08-0144	108.48	109.02	CQTZT	CQTZT	Non-Mineralized	N-AML	0.03	<0.5	48	287	0.65	44	100	<0.5	<2	0.06	1.2	3	26	2	1.34	<10	0.2	10		0.05	2900	<1	0.02	8
E602855	K-08-0144	109.75	112.16	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	62	2540	0.82	14	110	<0.5	<2	0.09	9.9	2	33	5	0.93	<10	0.25	10		0.05	1740	1	0.03	8
E602857	K-08-0144	112.16	113.5	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	0.8	121	2550	2.63	34	350	0.8	<2	0.13	13.6	5	56	9	2.59	10	0.78	20		0.15	5260	1	0.08	22
E602858	K-08-0144	113.5	115.21	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	60	4580	0.74	11	120	<0.5	<2	0.08	15.3	4	32	6	0.86	<10	0.24	10		0.04	1775	<1	0.02	15
E602845	K-08-0144	90.83	93.88	CQTZT	CQTZT	Non-Mineralized	N-AML	0.03	<0.5	13	77	4.79	17	710	1.2	<2	2.06	<0.5	5	75	17	2.41	10	0.93	20		0.47	160	1	0.16	28
E777428	K-08-0146	82.25	84.06	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	0.6	32	2700	0.74	12	130	<0.5	<2	2.4	19	2	32	116	0.84	<10	0.26	10		0.13	1290	<1	0.03	10
E777424	K-08-0146	73.22	76.22	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	79	2120	0.76	11	150	<0.5	<2	0.72	3.3	3	49	5	1.05	<10	0.21	10		0.13	522	<1	0.02	10
E777427	K-08-0146	79.25	82.25	CQTZT	CQTZT	Non-Mineralized	N-AML	0.02	<0.5	17	2480	1.33	13	230	<0.5	<2	0.86	44.3	3	49	10	1	<10	0.46	10		0.17	580	<1	0.04	13
E777425	K-08-0146	76.22	79.25	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	99	1190	1.48	12	290	<0.5	<2	1.57	10.9	2	44	10	1.28	<10	0.41	10		0.21	329	<1	0.04	10
E603006	K-08-0151	32.26	34.22	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	65	1.95	9	290	0.5	<2	3.26	<0.5	2	46	10	1.16	10	0.56	10		0.13	132	<1	0.07	13
E603009	K-08-0151	36.22	38.4	CQTZT	CQTZT	Non-Mineralized	N-AML	0.03	0.7	7	207	1.77	10	260	0.5	<2	4.27	2	2	48	16	1.12	<10	0.49	10		0.14	212	1	0.06	11
E603010	K-08-0151	38.4	40.37	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	253	0.88	9	130	<0.5	<2	1.77	1.5	2	37	7	0.61	<10	0.25	10		0.06	167	<1	0.03	7
E603011	K-08-0151	40.37	42.37	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	1045	0.98	9	150	<0.5	<2	1.74	4.5	2	41	8	0.75	<10	0.3	10		0.08	494	1	0.04	9
E603008	K-08-0151	34.22	36.22	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	0.6	8	96	1.4	<5	210	<0.5	<2	3.17	<0.5	2	39	11	0.99	<10	0.36	10		0.14	128	1	0.04	11
E603016	K-08-0151	48.38	50.23	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	0.8	6	130	2.56	<5	710	0.6	<2	5.26	<0.5	4	61	27	1.36	<10	0.8	20		0.52	294	2	0.07	22
E603015	K-08-0151	46.32	48.38	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	238	1.19	6	260	<0.5	<2	1.71	0.7	1	38	34	0.8	<10	0.33	10		0.14	95	1	0.07	9
E603014	K-08-0151	44.38	46.32	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	194	1.82	7	280	0.5	<2	2.12	<0.5	2	45	12	1.06	<10	0.45	10		0.17	148	<1	0.07	12
E603013	K-08-0151	42.37	44.38	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	0.5	4	519	0.63	12	80	<0.5	<2	3.27	1.5	2	27	8	0.74	<10	0.14	10		0.12	250	1	0.02	7
E777478	K-08-0152	153	156	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	53	2.21	<5	300	0.6	<2	1.46	<0.5	3	50	11	1.31	<10	0.48	10		0.22	100	<1	0.06	14
E777479	K-08-0152	156	159	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	67	2.38	<5	420	0.6	<2	1.54	<0.5	4	51	14	1.28	<10	0.58	10		0.24	103	1	0.09	16
E777480	K-08-0152	159	162	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	0.6	14	65	4.05	<5	620	1.1	<2	0.92	<0.5	5	73	19	1.91	10	0.84	20		0.29	120	2	0.18	26
E777481	K-08-0152	162	164	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	<0.5	9	46	1.52	6	270	<0.5	<2	0.89	<0.5	3	36	10	1.06	<10	0.34	10		0.21	168	<1	0.04	11
E777482	K-08-0152	164	165.5	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	0.5	317	734	1.31	9	210	<0.5	<2	1.25	5.4	2	29	4	1.6	<10	0.35	10		0.39	2370	<1	0.03	12

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E777483	K-08-0152	165.5	166.88	CQTZT	CQTZT	Non-Mineralized	P-AML	0.01	0.6	32	101	7.44	24	1300	2.1	<2	0.68	<0.5	12	100	26	3.69	10	1.56	30		0.57	247	<1	0.29	47
E777477	K-08-0152	150	153	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	0.6	13	116	3.58	<5	460	1	<2	1.12	<0.5	5	64	12	1.64	10	0.82	20		0.3	126	<1	0.13	23
E778083	K-08-0175	41.4	44	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	255	1.28	<5	260	<0.5	<2	2.35	2.7	1	44	5	0.9	<10	0.31	10		0.12	247	<1	0.04	8
E778084	K-08-0175	44	46.6	CQTZT	CQTZT	Non-Mineralized	N-AML	0.01	0.5	48	314	1.38	12	300	<0.5	<2	3.01	2.2	2	45	14	0.83	<10	0.34	10		0.11	340	<1	0.05	7
E778152	K-08-0175	145	148.09	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	16	2460	1.49	12	230	<0.5	2	4.22	10.3	5	47	9	1.3	<10	0.43	20		0.23	887	<1	0.04	19
E774934	K-10-0322	182.45	184.11	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	71	0.5	9	50	<0.5	<2	3.94	<0.5	2	26	2	0.98	<10	0.04	10		0.14	265	1	<0.01	7
E774930	K-10-0322	178.83	179.83	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	82	2.65	13	760	0.7	<2	2.07	0.5	4	51	8	1.36	10	0.75	20		0.2	220	1	0.07	14
E774933	K-10-0322	181.7	182.45	CQTZT	CQTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	146	0.84	23	200	<0.5	2	6.89	<0.5	4	24	7	1.29	<10	0.19	10		0.13	490	1	0.01	10
E774932	K-10-0322	179.83	181.7	CQTZT	CQTZT	Non-Mineralized	N-AML	0.03	<0.5	4	64	0.76	14	160	<0.5	2	5.61	<0.5	2	24	4	0.93	<10	0.18	10		0.13	258	1	0.01	7
E777394	K-08-0142	94	96.93	CQTZT	CQTZT	Mineralized	P-AML	0.01	<0.5	12	8070	1.51	19	280	<0.5	<2	1.57	88.5	5	48	8	1.17	<10	0.48	10		0.19	1700	<1	0.04	15
E777393	K-08-0142	91.1	94	CQTZT	CQTZT	Mineralized	P-AML	0.03	<0.5	23	7610	0.87	21	180	<0.5	<2	0.93	23.9	4	40	5	0.8	<10	0.29	10		0.08	1450	<1	0.02	7
E777416	K-08-0142	129.5	131.35	CQTZT	CQTZT	Mineralized	P-AML	0.01	<0.5	12	5150	2.34	<5	350	0.6	<2	1.8	35.5	6	54	7	1.82	<10	0.43	10		0.75	965	<1	0.07	17
E777415	K-08-0142	128.02	129.5	CQTZT	CQTZT	Mineralized	P-AML	0.01	<0.5	24	9580	8.03	8	1040	2.2	<2	0.55	31.4	19	137	32	3.54	20	1.39	40		0.57	2360	1	0.43	55
E602866	K-08-0144	130.45	132.3	CQTZT	CQTZT	Mineralized	P-AML	0.32	64.6	944	14900	4.08	8950	410	1.2	27	0.15	150.5	24	70	1290	10.5	10	1.11	20		0.29	25400	<1	0.09	28
E602870	K-08-0144	136.55	139.6	CQTZT	CQTZT	Mineralized	P-AML	0.8	166	1330	181000	0.87	638	20	<0.5	31	0.1	1000	14	17	1930	17.9	<10	0.11	10		0.21	45500	<1	0.04	11
E602872	K-08-0144	139.6	142	CQTZT	CQTZT	Mineralized	P-AML	0.31	204	1450	102500	3.41	141	260	1.2	13	0.21	907	12	55	781	12.6	10	0.83	20		0.37	31300	<1	0.1	25
E602867	K-08-0144	132.3	132.95	CQTZT	CQTZT	Mineralized	P-AML	0.28	113	1450	24400	0.4	138	30	<0.5	68	0.16	244	8	9	512	19.75	<10	0.07	<10		0.19	71000	<1	<0.01	16
E602854	K-08-0144	109.02	109.75	CQTZT	CQTZT	Mineralized	P-AML	0.01	<0.5	38	7870	0.69	13	90	<0.5	<2	0.13	8	4	30	9	2.72	<10	0.19	10		0.11	8210	<1	0.02	11
E778151	K-08-0175	142.14	145	CQTZT	CQTZT	Mineralized	P-AML	<0.01	0.9	14	11400	1.91	18	200	<0.5	<2	3.8	65.1	12	69	26	2.8	<10	0.39	10		0.31	3600	<1	0.04	27
E770069	K-08-0135	77.5	79.07	CSCH	CSCH	Non-Mineralized		<0.01	<0.5	13	95	4.62	5	710	1.1	<2	2.66	<0.5	5	76	17	2.24	10	1.19	20		0.52	115	1	0.15	27
E777293	K-08-0138	97.06	98.25	CSCH	CSCH	Non-Mineralized		<0.01	<0.5	12	97	2.31	5	950	0.6	<2	4.15	<0.5	2	67	22	1.18	<10	0.7	20		0.45	216	2	0.07	17
E601594	K-07-0116	67.06	68.85	CSCH	CSCH	Non-Mineralized		<0.01	0.6	9	462	4.84	43	3800	1.4	2	0.49	1.6	12	50	88	3.01	20	1.3	20		0.93	1325	3	0.13	44
E601595	K-07-0116	68.85	70.9	CSCH	CSCH	Non-Mineralized		0.09	3.1	11	235	4.7	532	570	1.4	<2	0.89	1.8	12	46	72	2.72	10	1.44	20		0.85	1080	2	0.09	38
E601596	K-07-0116	70.9	72.42	CSCH	CSCH	Non-Mineralized		<0.01	0.5	21	305	6.38	46	3380	2.3	<2	0.44	0.5	21	59	88	3.49	20	2.04	30		1.04	1555	1	0.12	62
E601597	K-07-0116	72.42	74.35	CSCH	CSCH	Non-Mineralized		0.08	4.3	134	751	6.56	583	3360	2.3	2	0.52	3.2	28	53	110	3.34	20	2.08	30		0.83	4670	2	0.13	71
E777196	K-08-0129	164.78	168.32	CSCH	CSCH	Non-Mineralized		<0.01	<0.5	7	183	8.03	7	2590	1.5	<2	0.91	0.7	11	77	11	4.07	20	1.56	30		1.38	473	<1	0.5	25
E603157	K-08-0157	23	26	CSCH	CSCH	Non-Mineralized		0.01	<0.5	39	181	6.18	10	780	1.6	<2	1.01	0.8	8	83	20	3.19	10	1.34	30		0.4	239	<1	0.16	34
E603158	K-08-0157	26	28	CSCH	CSCH	Non-Mineralized		<0.01	<0.5	14	83	4.56	9	600	1.2	<2	1.22	<0.5	6	71	11	2.62	10	0.91	20		0.36	179	1	0.13	24
E603155	K-08-0157	20	23	CSCH	CSCH	Non-Mineralized		0.01	<0.5	12	181	3.32	6	430	0.8	<2	0.54	1.5	4	60	10	2.24	10	0.76	20		0.18	195	<1	0.08	19
E603152	K-08-0157	14.75	17	CSCH	CSCH	Non-Mineralized		0.01	2.1	531	1090	2.52	21	340	0.8	<2	0.08	11.9	2	57	14	3.49	10	0.76	10		0.11	5300	1	0.1	13
E603154	K-08-0157	17	20	CSCH	CSCH	Non-Mineralized		0.01	1.7	336	938	4.45	49	590	1.4	<2	0.09	11.4	4	71	11	3.76	10	1.42	20		0.11	4550	1	0.13	17
E603159	K-08-0157	28	30.65	CSCH	CSCH	Non-Mineralized		0.01	<0.5	12	73	3.69	5	460	1	<2	2.28	<0.5	5	59	10	3.03	10	0.72	20		0.4	210	<1	0.11	21
E773885	K-10-0314	112.96	113.35	CSCH	CSCH	Non-Mineralized		<0.01	6	770	3010	8.13	156	1700	2.7	<2	0.34	22.5	21	108	59	4.14	20	2.91	50		0.67	3650	3	0.22	79
E773897	K-10-0314	121.25	122.08	CSCH	CSCH	Non-Mineralized		<0.01	0.9	253	1500	6.84	25	2330	1.8	<2	0.21	13.1	5	71	4	4.49	20	2.16	30		0.34	9270	<1	0.53	20
E773896	K-10-0314	120.49	121.25	CSCH	CSCH	Non-Mineralized		<0.01	1.9	693	1475	7.46	20	1660	2	3	0.31	14.4	22	72	43	7.91	20	1.53	30		1.98	8450	<1	0.36	52
E773898	K-10-0314	122.08	122.95	CSCH	CSCH	Non-Mineralized		<0.01	<0.5	59	275	7.03	5	1810	1.8	<2	0.23	2.5	8	71	2	5	20	1.35	40		0.96	3680	<1	0.29	20
E773899	K-10-0314	122.95	123.87	CSCH	CSCH	Non-Mineralized		<0.01	<0.5	5	157	7.21	<5	2380	1.7	2	0.18	<0.5	5	77	<1	4.59	20	2.12	30		0.89	1965	<1	0.34	16
E773900	K-10-0314	123.87	124.84	CSCH	CSCH	Non-Mineralized		<0.01	<0.5	14	341	7.54	43	1300	1.3	<2	0.2	1	9	74	4	10.85	20	1.53	40		1.53	4500	<1	0.16	34
E778224	K-08-0177	123.36	125.36	CSCH	CSCH	Mineralized		0.01	<0.5	54	5430	2.17	9	620	0.6	<2	4	27.3	7	68	29	1.81	<10	0.49	20		0.67	2930	3	0.12	29
E601589	K-07-0116	61.06	63.03	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	2	114	7.88	5	50	<0.5	<2	7.55	<0.5	38	117	160	7.71	20	0.05	<10		3.65	1235	<1	1.62	82
E601777	K-07-0118	81.25	83.29	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.8	31	188	8.1	9	30	0.6	<2	7.1	0.8	35	41	180	8.46	20	0.11	<10		3.01	1575	1	1.17	59
E601773	K-07-0118	76.91	78.74	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.7	8	305	8	16	170	<0.5	<2	7.91	1.9	41	152	160	7.83	20	0.29	<10		3.92	1430	<1	1.25	94
E770072	K-08-0135	84.78	87.8	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	7	129	7.58	<5	450	0.5	<2	7.17	<0.5	38	154	180	8.03	20	0.3	10		3.76	1300	<1	1.42	93
E770075	K-08-0135	88.5	91.14	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	7	162	8.11	7	150	<0.5	<2	8.12	0.5	40	124	198	8.73	20	0.12	10		3.79	1445	<1	1.5	84
E770074	K-08-0135	87.8	88.5	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	5	101	8.22	<5	170	<0.5	<2	8.26	<0.5	43	188	185	8.25	20	0.21	<10		4.14	1370	<1	1.57	111
E751633	K-07-0069	201.1	202.69	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.5	7	107	7.76	9	740	1.2	<2	6.12	<0.5	32	32	128	8.11	20	0.57	10		2.99	1875	<1	0.03	59
E599905	K-07-0072	203.2	204.45	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	11	86	7.94	<5	280	0.6	<2	6.27	<0.5	37	61	121	7.49	20	0.09	20		3.62	1240	<1	1.04	78
E777296	K-08-0138	101	103.98	GNST	GNST	Non-Mineralized	N-AML	0.01	0.6	12	726	7.35	76	130	<0.5	<2	5.17	1.5	27	127	164	7.37	10	0.07	10		3.3	1270	<1	1.86	72
E777295	K-08-0138	98.25	101	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	20	163	7.7	22	20	0.5	<2	7.28	1	39	174	189	7.77	10	0.02	10		3.77	1320	<1	1.41	104
E601588	K-07-0116	59.07	61.06	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	4	117	8.04	8	100	<0.5	<2	7.77	<0.5	40	157	164	7.82	20	0.08	<10		3.81	1260	<1	1.44	92
E601591	K-07-0116	63.03	64.31	GNST	GNST	Mineralized	P-AML	0.01	<0.5	<2	114	8.37	5	50	0.5	2	7.06	<0.5	40	43	220	9.08	20	0.02	<10		3.04	1385	<1	1.75	51
E601780	K-07-0118	85.29	85.63	GNST	GNST	Non-Mineralized	N-AML	0.02	<0.5	11	216	6.98	6	70	0.5	2	6.25	<0.5	34	93	168	7.76	20	0.09	<10		3.22	1295	<1	0.66	67
E601775	K-07-0118	78.74	79.24	GNST	GNST	Non-Mineralized	N-AML	<0.01	5.3	287	918	7.94	20	110	0.6	<2	8	10.8	38	155	158	8.08	20	0.52	<10		3.89	4950	<1	1.07	101
E601776	K-07-0118	79.24	81.25	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	3	129	8.04	<5	80	<0.5	<2	8.02	<0.5	42	177	143	7.85	20	0.1	<10		4.15	1340	<1	1.32	101
E601778	K-07-0118	83.29	85.29	GNST	GNST	Non-Mineralized	N-AML	0.01	0.8	16	119	7.77	<5	100	0.5	6	6.6	<0.5	37	54	225	9.27	20	0.03	<10		3.12	1485	2	0.95	55
E753658	K-07-0120	186.4	188.4	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	1130	277	6.19	19	70	0.5	<2	5.41	<0.5	35	13	117	8.67	10	0.05	10		2.43	1495	1	0.5	43
E753659	K-07-0120	188.4	190.78	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	9	119	7.09	<5	110	0.6	<2	6.22	<0.5	38	24	156	8.85	10	0.05	10		3.01	1435	<1	0.9	54
E753668	K-07-0120	204.65	206.05	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	12	181	7.83	12	220	0.6	<2	6.22	<0.5	36	58	113	7.55	20	0.15	10		3.55	1385	2	1.26	79
E753682	K-07-0120	228.25	229.43	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	254	6.63	14	180	0.6	<2	5.07	<0.5	31	60	65	7.11	20	0.13	10		2.66	1230	<1	0.49	68
E776825	K-07-0121	24.53	26.11	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.6	8	171	7.62	7	130	0.7	<2	6.46	<0.5	34	86	174	8.34	20	0.21	10		2.96	1340	<1	1.36	66
E776824	K-07-0121	22.48	24.53	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.9	3	130	7.28	<5	150	0.5	<2	6.51	<0.5	39	23	254	9.98	20	0.1	10		2.74	1545	<1	1.34	44
E776816	K-07-0121	10.55	12.52	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	99	9.83	15	70	<0.5	<2	9.03	<0.5	41	194	162	7.96	20	0.12	<10		4.63	1340	<1	1.78	125
E776822	K-07-0121	20.5	22.48	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	195	8.43	<5	30	0.5	<2	7.28	0.8	32	34	202	8.45	20	0.05	<10		2.59	1425	<1	1.71	44
E776815	K-07-0121	8.55	10.55	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	3	85	8.84	<5	70	<0.5	<2	8	<0.5	38	173	152	7.51	20	0.08	<10		4.18	1260	<1	1.7	120
E776817	K-07-0121	12.52	14.5	GNST	GNST	Mineralized	P-AML	<0.01	0.6	<2	83	8.33	8	60	<0.5	<2	8.07	<0.5	37	173	142	7.28	20	0.1	<10		4.47	1250	<1	1.49	115
E776818	K-07-0121	14.5	16.49	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	89	8.39	<5	60	<0.5	<2	7.82	<0.5	37	123	152	7.55	20	0.1	<10		4.14	1275	<1	1.54	105
E776820	K-07-0121	16.49	18.46	GNST	GNST	Mineralized	P-AML	0.01	<0.5	<2	91	8.8	<5	70	<0.5	<2	7.51	<0.5	36	63	156	7.38	20	0.12	<10		3.39	1220	<1	1.7	78
E776821	K-07-0121	18.46	20.5	GNST	GNST	Mineralized	P-AML	<0.01	0.5	<2	89	9.29	5	70	<0.5	<2	7.62	<0.5	31	32	177	7.5	20	0.1	<10		2.68	1215	<1	1.7	52
E776814	K-07-0121	6.5	8.55	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.5	2	82	8.2	<5	70	<0.5	<2	7.77	<0.5	38	171	163	7.51	10	0.07	<10		3.99	1260	<1	1.41	104
E776891	K-07-0121	123.7	125.69	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	3	118	8.2	<5	100	1.2	<2	7.82	<0.5	39	166	188	7.01	20	0.03	<10		2.68	1670	<1	0.07	107

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E776894	K-07-0121	129.11	130.14	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	5	136	7.33	5	50	<0.5	<2	7.89	<0.5	34	81	163	7.3	20	0.01	<10		3.32	1390	<1	0.51	78
E776893	K-07-0121	127.8	129.11	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	7	87	7.91	5	30	<0.5	<2	7.9	<0.5	33	150	163	7.39	10	0.02	<10		4.03	1315	<1	1.34	107
E776892	K-07-0121	125.69	127.8	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	3	99	7.89	<5	100	0.5	<2	7.88	<0.5	34	135	190	7.63	20	0.03	<10		3.54	1470	1	1.13	96
E776889	K-07-0121	121.64	123.7	GNST	GNST	Non-Mineralized	N-AML	<0.01	1.1	7	282	7.16	<5	320	1.1	<2	9.95	<0.5	30	128	189	6.9	20	0.1	<10		2.65	1570	1	0.41	88
E776948	K-07-0121	185.42	185.91	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	300	4080	2.77	13	40	<0.5	<2	1.47	17.3	15	32	117	4.7	10	0.03	10		1.46	1170	<1	0.01	36
E757084a	K-10-0251	80.34	81.5	FLT	FLT			0.11	10.35	1200	1400	4.82	433	640	1.36	2.83	0.05	148.5	0.4	78	181.5	3.06	13.5	1.31	33.3	13.7	0.13	84	0.95	0.16	4.3
E757085a	K-10-0251	81.5	82.3	FLT	FLT			0.05	1.56	388	797	2.22	205	280	0.5	0.73	0.07	38.8	0.4	47	165	2.46	5.86	0.66	16.2	11.4	0.07	39	0.38	0.07	2.1
E757125	K-10-0253	32.38	35.12	FLT	FLT			0.004	0.7	13	2120	0.64	10	141	<0.5	<1	2.79	22.5	3.1	328	5	0.84	<5	0.21	7	8	0.05	1800	2.4	0.02	10.4
E773854	K-10-0314	91.49	92.22	FLT	FLT			0.17	58.1	1010	981	2.06	723	110	0.62	20.7	0.05	7.7	1.3	38	166.5	4.91	6.74	0.49	16.7	3.3	0.08	314	2.46	0.05	5
E773868	K-10-0314	102.04	102.6	FLT	FLT			<0.01	7.5	126	2960	6.07	170	380	0.7	3	0.99	92.6	41	21	210	9.73	20	0.99	20		2.27	6990	1	0.02	52
E773871	K-10-0314	103.28	103.54	FLT	FLT			<0.01	0.8	5	1760	8.9	11	1790	2.3	<2	0.97	12.3	27	90	32	4.74	20	1.33	40		1.73	3560	1	0.86	57
E773887	K-10-0314	113.68	114.4	FLT	FLT			<0.01	2.3	85	569	0.8	21	120	<0.5	<2	0.03	6.6	2	27	28	0.54	<10	0.28	20		0.03	525	1	0.03	4
E773888	K-10-0314	114.4	115.82	FLT	FLT			<0.01	1.1	91	656	4.58	28	1010	1.3	<2	0.18	5.3	4	68	12	1.94	10	1.11	30		0.23	2430	1	0.4	21
E773895	K-10-0314	119.6	120.49	FLT	FLT			<0.01	9.7	540	3280	5.45	252	1400	1.5	8	0.21	35.2	9	75	47	5.48	10	1.6	40		0.22	13050	<1	0.38	38
E773901	K-10-0314	124.84	126.49	FLT	FLT			<0.01	<0.5	22	1270	1.95	146	150	0.5	<2	0.09	10.9	4	36	5	3.94	10	0.49	10		0.25	5290	<1	0.02	15
E773902	K-10-0314	126.49	128.02	FLT	FLT			<0.01	1.2	9	258	0.65	1040	50	<0.5	<2	0.03	1.4	3	20	4	2.88	<10	0.24	10		0.05	6410	<1	0.01	6
E773903	K-10-0314	128.02	130.45	FLT	FLT			<0.01	8	56	662	0.69	250	160	<0.5	<2	0.03	7.1	1	37	30	1.01	<10	0.25	10		0.03	1980	<1	0.02	3
E773912	K-10-0314	137.4	140.21	FLT	FLT			0.08	2.3	367	1365	5.12	283	400	1.4	<2	0.16	20.2	2	73	15	3.57	10	0.8	30		0.27	1220	<1	0.25	13
E773817	K-10-0306	91.92	92.02	FLT	FLT			<0.01	1.95	110	2320	2.11	95.5	140	0.81	1.03	0.1	19.8	1.1	41	45.5	2.84	6.17	0.58	20.4	9.9	0.11	4700	0.63	0.04	6.2
E774673	K-10-0309	104.39	105.62	FLT	FLT			0.01	5.06	327	3030	6.33	173	690	2.52	0.93	0.22	30.7	2.8	96	66.1	4.52	16.5	1.8	39.4	12.1	0.22	2580	0.73	0.13	15.7
E782302	K-10-0316	34.3	35.66	FLT	FLT			0.02	3.9	96	325	3.7	374	1050	0.8	<2	0.19	2.7	1	46	26	2.87	10	1.03	20		0.07	133	1	0.1	6
E782305	K-10-0316	56.3	58.4	FLT	FLT			<0.01	0.5	15	21	0.38	<5	10	<0.5	<2	0.12	<0.5	<1	25	3	0.38	<10	0.07	10		0.05	31	<1	<0.01	<1
E782310	K-10-0317	26.2	27.42	FLT	FLT			0.01	36.9	899	334	2.76	192	300	0.5	<2	0.06	20.2	3	32	68	2.92	<10	0.55	30		0.03	10450	1	0.1	6
E782321	K-10-0317	165.04	166.12	FLT	FLT			<0.01	0.6	29	496	4.97	36	710	1	<2	0.7	4.8	14	66	44	3.57	10	0.66	20		0.68	668	<1	0.36	34
E782323	K-10-0317	175.66	176.85	FLT	FLT			<0.01	<0.5	<2	97	0.36	60	50	<0.5	<2	0.07	0.8	2	24	2	0.57	<10	0.07	10		0.03	296	<1	0.01	3
E782325	K-10-0317	178.64	181.36	FLT	FLT			<0.01	0.7	42	316	1.18	53	200	<0.5	<2	0.06	2.2	4	39	7	1.37	<10	0.25	10		0.04	1525	1	0.08	11
E774757	K-10-0318	158.56	158.83	FLT	FLT			<0.01	<0.5	16	288	2.89	114	320	0.8	4	0.06	1.7	2	42	5	2.3	10	0.7	30		0.1	749	<1	0.13	11
E774758	K-10-0318	158.83	159.84	FLT	FLT			0.01	1	17	97	5.2	36	680	1.3	3	0.18	1.1	7	73	16	2.34	10	0.95	20		0.18	348	1	0.51	25
E774759	K-10-0318	174.48	176.04	FLT	FLT			<0.01	<0.5	34	196	1.87	8	310	0.5	2	0.12	1.1	4	46	9	1.59	10	0.62	20		0.1	969	<1	0.04	12
E774764	K-10-0318	231.99	232.6	FLT	FLT			0.02	43.6	128	137	0.76	309	100	<0.5	3	0.19	2	1	23	34	9.92	<10	0.23	20		0.21	30200	<1	0.02	3
E774904	K-10-0322	132.43	132.66	FLT	FLT			0.03	2.9	123	660	10.9	597	1470	3	6	0.13	12.5	1	134	94	4.14	30	2.77	30		0.16	220	1	0.53	15
E774909	K-10-0322	137.54	138.04	FLT	FLT			<0.01	0.8	23	169	8.14	111	1670	2.5	6	0.08	1.9	4	140	39	2.11	20	2.33	40		0.22	73	3	0.39	25
E774914	K-10-0322	156.62	157.5	FLT	FLT			<0.01	<0.5	14	303	2.29	36	350	0.8	<2	0.21	1.7	10	52	6	2.09	10	0.54	20		0.13	1510	1	0.06	28
E774915	K-10-0322	157.5	158.64	FLT	FLT			<0.01	<0.5	6	149	0.94	9	120	<0.5	2	0.1	0.5	4	35	5	1.04	<10	0.19	10		0.07	732	1	0.02	10
E774917	K-10-0322	158.64	160.33	FLT	FLT			<0.01	<0.5	8	150	0.38	9	60	<0.5	<2	0.06	1.2	5	27	3	0.73	<10	0.1	10		0.03	665	<1	0.01	8
E774918	K-10-0322	160.33	161.54	FLT	FLT			0.01	0.5	13	644	0.39	19	50	<0.5	4	0.13	1.7	11	30	3	1.44	<10	0.09	10		0.03	2730	1	0.01	21
E774919	K-10-0322	161.54	162.51	FLT	FLT			<0.01	<0.5	35	171	3.71	32	480	0.7	3	3.72	2.4	7	63	15	2.98	10	0.8	30		0.3	847	1	0.07	28
E774929	K-10-0322	178.3	178.83	FLT	FLT			0.01	<0.5	4	711	0.4	11	70	<0.5	<2	3.17	2.5	10	19	2	0.98	<10	0.06	10		0.06	2590	1	0.01	14
E774935	K-10-0322	184.11	184.32	FLT	FLT			<0.01	<0.5	27	146	9.52	34	1970	3.1	2	0.5	0.5	14	124	24	4	20	2.06	50		0.61	177	1	0.35	57
E000118	K-11-0324	40.7	41.54	FLT	FLT			0.06	10.7	545	2590	3.74	110	330	1.2	4	0.11	22.5	1	60	111	4.4	10	1.06	40		0.15	2060	<1	0.09	4
E000120	K-11-0324	42.6	43.19	FLT	FLT			0.41	146	1750	2580	1.41	1125	20	0.8	13	0.02	29.6	2	16	596	5.39	<10	0.02	10		0.08	1240	<1	0.07	1
E004081	K-11-0329	73.38	73.93	FLT	FLT			<0.01	11	127	4530	8.71	187	920	2.7	<2	0.15	41	1	110	110	4.57	20	3.13	40		0.24	3160	1	0.25	11
E000127	K-11-0339	91.89	92.96	FLT	FLT			0.01	2	337	3100	8.04	70	750	2.7	<2	0.31	28.3	10	104	25	5.74	20	2.45	40		0.51	5350	<1	0.23	43
E776947	K-07-0121	184.07	185.42	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	6	407	7.65	7	70	0.6	<2	6.25	<0.5	41	29	164	8.64	20	0.01	10		3.38	1450	1	0.04	86
E776946	K-07-0121	182.73	184.07	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	8	284	3.61	5	360	<0.5	<2	2.88	0.6	15	42	170	5.32	10	0.37	10		1.31	762	1	0.03	31
E602139	K-07-0122	20.15	22.15	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	5	119	7.38	7	160	0.6	<2	6.02	<0.5	35	12	210	9.59	20	0.1	10		2.63	1425	<1	1.4	32
E602133	K-07-0122	10.2	12.17	GNST	GNST	Non-Mineralized	N-AML	0.02	<0.5	51	24	4.52	11	6700	2.2	<2	0.03	<0.5	4	10	8	0.97	10	3.33	30		0.11	151	<1	0.29	5
E602132	K-07-0122	8.16	10.2	GNST	GNST	Non-Mineralized	N-AML	0.01	1.3	157	32	6.38	8	1830	2.2	<2	0.03	<0.5	9	32	18	1.38	10	3.9	30		0.19	787	<1	0.22	9
E602134	K-07-0122	12.17	14.18	GNST	GNST	Mineralized	P-AML	0.01	<0.5	<2	44	3.68	5	10	<0.5	<2	4.28	<0.5	22	93	51	3.93	10	0.01	<10		2.12	630	<1	0.6	59
E602135	K-07-0122	14.18	16.25	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	41	3.55	<5	20	<0.5	<2	4.03	<0.5	21	71	55	3.88	10	0.02	<10		1.91	619	<1	0.66	51
E602138	K-07-0122	18.15	20.15	GNST	GNST	Mineralized	P-AML	<0.01	0.6	<2	91	8.73	15	50	0.5	<2	7.14	<0.5	30	30	186	7.55	20	0.07	<10		2.69	1185	<1	1.88	42
E602140	K-07-0122	22.15	23.81	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	2	99	7.92	6	90	0.7	<2	6.75	<0.5	35	73	217	8.93	20	0.06	10		3.06	1315	<1	1.42	53
E602136	K-07-0122	16.25	18.15	GNST	GNST	Mineralized	P-AML	0.01	<0.5	<2	43	4.02	<5	30	<0.5	<2	4.13	<0.5	19	28	70	3.91	10	0.04	<10		1.49	611	<1	0.66	36
E602200	K-07-0122	114.67	116.64	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	4	94	7.92	<5	220	0.8	<2	8.33	<0.5	40	133	191	8.14	20	0.08	10		3.64	1400	1	0.75	93
E602201	K-07-0122	116.64	118.06	GNST	GNST	Non-Mineralized	N-AML	0.03	<0.5	6	107	6.53	6	80	1.8	<2	10.95	<0.5	35	82	176	7.07	20	0.02	10		2.85	1560	<1	0.11	66
E602199	K-07-0122	112.63	114.67	GNST	GNST	Non-Mineralized	N-AML	0.02	<0.5	15	102	8.05	<5	220	0.5	<2	7.93	<0.5	41	132	191	8	20	0.1	10		3.64	1350	2	1.43	91
E602207	K-07-0122	125.15	127.7	GNST	GNST	Non-Mineralized	N-AML	0.02	<0.5	3	103	6.1	<5	210	0.5	<2	6.58	<0.5	29	71	155	6.17	20	0.2	10		2.56	1005	1	0.83	53
E602223	K-07-0122	149.89	150.71	GNST	GNST	Non-Mineralized	N-AML	<0.01	1.4	242	867	7.3	12	170	2.1	<2	5.11	6.7	38	116	188	9.8	20	0.68	<10		3.35	3450	1	0.42	76
E602222	K-07-0122	148.95	149.89	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.8	42	329	7.88	21	270	1.6	<2	5.02	0.6	42	155	176	9.81	20	0.68	<10		3.6	2110	1	0.13	95
E602221	K-07-0122	146.95	148.95	GNST	GNST	Non-Mineralized	N-AML	<0.01	1	56	404	6.6	23	240	1.1	<2	5.76	1.2	35	112	159	7.24	10	0.42	10		2.37	2300	1	0.01	73
E776997	K-07-0123	188.5	189.35	GNST	GNST	Non-Mineralized	P-AML	<0.01	<0.5	24	2640	6.46	21	100	0.7	2	0.57	5.9	43	71	123	7.86	20	0.14	10		3.19	1430	2	0.2	85
E602273	K-07-0124	151.16	153.15	GNST	GNST	Non-Mineralized	N-AML	0.02	<0.5	4	2180	1.72	10	360	<0.5	<2	3.53	10	4	56	11	1.09	<10	0.44	10		0.27	650	1	0.11	13
E602398	K-07-0125	156.95	158.25	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	9	249	8.05	16	910	1.4	<2	5.49	0.9	37	48	151	8.45	20	0.73	20		2.77	1390	<1	0.45	64
E602396	K-07-0125	155.72	156.95	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	11	118	6.64	<5	20	0.8	<2	6.56	<0.5	38	26	188	8.96	30	0.02	10		3.24	1670	<1	0.38	62
E602395	K-07-0125	154.52	155.72	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	8	439	4.03	<5	130	0.5	<2	3.73	<0.5	20	31	125	5.7	10	0.11	10		1.9	1170	1	0.4	37
E777198	K-08-0129	168.32	169.97	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.6	22	400	7.97	30	170	0.7	2	5.6	<0.5	40	61	125	7.89	20	0.22	10		3.8	1655	<1	0.71	90
E777217	K-08-0129	192.41	192.89	GNST	GNST	Non-Mineralized	N-AML	0.01	1.5	201	3870	0.4	76	30	<0.5	<2	0.56	30.1	5	14	25	3.35	<10	0.11	<10		0.38	8860	<1	<0.01	12
E777216	K-08-0129	191.83	192.41	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	66	2130	5.5	80	740	0.8	<2	1.81	18.9	23	44	53	6.44	10	0.61	10		1.5	3120	<1	0.14	44
E753951	K-08-0130	76.23	78.23	GNST	GNST	Non-Mineralized	N-AML	0.03	0.8	8	95	7.85	<5	220	<0.5	2	7.89	<0.5	41	192	180	8.01	10	0.24	<10		4.08	1505	1	1.39	110
E753952	K-08-0130	78.23	80.23	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	144	517	7.49	8	180	0.6	<2	7.45	2.2	44	164	183	8.14	20	0.25	<10		3.82	1975	<1	1.29	102

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SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E753949	K-08-0130	73.23	76.23	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	5	122	7.36	<5	230	<0.5	<2	7.31	<0.5	39	123	193	8.19	10	0.15	10		3.45	1375	1	1.33	81
E754013	K-08-0134	86.73	89.35	GNST	GNST	Non-Mineralized	N-AML	0.04	<0.5	15	135	8.43	<5	600	<0.5	<2	7.65	<0.5	43	93	276	10.05	20	0.15	10		3.53	1655	<1	1.49	69
E770060	K-08-0135	55.75	58.4	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.7	17	81	5.73	8	190	0.5	<2	5.8	<0.5	25	145	96	5.48	10	0.25	10		2.52	860	<1	0.13	57
E602641	K-08-0136	26.36	27.97	GNST	GNST	Non-Mineralized	N-AML	0.02	<0.5	25	294	8.47	13	160	0.7	<2	7.73	<0.5	44	90	256	9.08	20	0.15	10		3.4	1640	1	1.36	72
E602646	K-08-0136	33.67	37.84	GNST	GNST	Non-Mineralized	N-AML	0.02	<0.5	6	137	0.87	5	340	<0.5	<2	0.81	1.5	1	34	22	0.8	<10	0.23	10		0.18	236	1	0.03	8
E602738	K-08-0136	194.75	195.93	GNST	GNST	Non-Mineralized	P-AML	<0.01	<0.5	12	154	6.05	41	1260	1.7	<2	0.15	0.5	6	88	35	2.1	20	1.43	30		0.44	202	4	0.47	54
E602737	K-08-0136	194	194.75	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.5	38	441	3.93	8	970	1.3	<2	0.79	1.3	8	64	76	4.02	10	0.59	20		0.92	655	2	0.48	55
E602735	K-08-0136	191.41	194	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	17	136	6.88	<5	70	0.7	<2	5.55	<0.5	36	22	189	9.38	20	0.08	10		2.85	1625	<1	0.82	58
E602734	K-08-0136	189.18	191.41	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.7	99	402	6.73	16	320	0.8	<2	5.28	2.5	34	14	182	9.69	20	0.29	10		2.51	2160	<1	0.6	51
E602745	K-08-0136	203.81	205.93	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	11	98	7.44	5	230	0.6	<2	6.63	<0.5	39	58	124	7.81	20	0.09	10		3.69	1295	<1	1.39	85
E602743	K-08-0136	201.6	203.81	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	11	44	7.37	5	2830	1.5	<2	1.25	<0.5	9	77	11	3.76	20	1.64	30		1.3	432	<1	0.68	16
E602742	K-08-0136	200.2	201.6	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	10	47	7.73	8	2690	1.6	<2	1	<0.5	9	78	14	3.93	20	1.65	30		1.18	340	<1	0.62	20
E602741	K-08-0136	199.53	200.2	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	10	110	7.31	5	740	0.6	<2	6.12	0.5	31	55	100	7.31	20	0.44	10		3.09	1250	<1	0.1	72
E602755	K-08-0136	228.21	230.15	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	89	842	0.21	18	20	<0.5	<2	3.99	5.4	5	13	67	3.63	<10	0.01	<10		2.16	2150	<1	<0.01	9
E602759	K-08-0136	233.7	235.08	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	19	142	7.23	12	530	0.7	<2	4.66	<0.5	35	77	88	7.35	20	0.53	10		2.89	1290	<1	0.15	73
E602803	K-08-0137	154.3	157.6	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	2	138	6.63	5	340	0.8	<2	4.28	<0.5	27	34	131	7.13	20	0.4	20		2.27	1130	1	0.97	51
E770183	K-08-0139	158.95	161.9	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	5	169	6.96	<5	240	0.9	<2	4.6	<0.5	34	30	141	7.83	10	0.35	10		2.49	1270	3	0.91	59
E770182	K-08-0139	155.97	158.95	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	133	7.24	6	550	0.8	<2	5.62	<0.5	41	7	198	9.82	10	0.08	10		2.58	1545	2	1.29	46
E770192	K-08-0139	177.86	179.8	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	5	78	7.6	17	930	0.7	<2	4.96	<0.5	26	58	85	6.26	10	0.58	10		2.91	1015	1	0.55	58
E770190	K-08-0139	174.86	177.86	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	7	42	7.57	5	2370	1.4	<2	1.02	<0.5	6	71	7	3.6	20	1.47	30		1.19	295	1	0.65	15
E770189	K-08-0139	171.86	174.86	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	5	46	7.82	<5	2370	1.4	<2	2.26	<0.5	16	68	22	4.43	20	1.26	20		1.59	484	1	0.57	33
E770202	K-08-0139	198.74	199.97	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	2	133	0.79	7	180	<0.5	<2	3.37	<0.5	5	32	70	3.45	<10	0.13	<10		1.92	592	<1	0.06	8
E770205	K-08-0139	201.29	202.38	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	232	6.24	23	500	0.7	<2	4.31	<0.5	31	72	104	7.86	10	0.32	10		2.46	1380	<1	0.13	66
E770208	K-08-0139	207.44	208.1	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	24	61	0.19	23	10	<0.5	<2	4.3	<0.5	2	12	70	3.06	<10	<0.01	<10		1.87	691	<1	<0.01	1
E754206	K-08-0140	200	201.46	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	6	124	7.29	13	40	0.7	<2	5.82	<0.5	35	30	146	8.56	20	0.03	10		3.09	1390	1	0.82	64
E754205	K-08-0140	198.9	200	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	4	132	6.95	8	210	0.9	<2	5.79	<0.5	38	14	178	9.01	20	0.05	10		2.78	1760	1	0.64	53
E754220	K-08-0140	213.1	214.75	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	6	103	7.27	<5	430	0.7	<2	5.56	<0.5	32	51	100	6.86	10	0.18	10		3.31	1630	<1	0.33	63
E777359	K-08-0142	25.32	27.73	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	6	128	7.72	42	30	0.5	<2	6.91	<0.5	37	80	213	8.35	20	0.02	<10		3.1	1325	<1	1.33	62
E777373	K-08-0142	49.49	51.19	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.5	7	133	6.33	30	330	<0.5	<2	7.13	<0.5	28	90	185	6.84	10	0.28	10		2.84	1240	1	0.3	69
E754275	K-08-0143	220.98	223.07	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	8	129	6.93	17	380	0.8	<2	5.04	<0.5	28	45	145	7.33	20	0.32	10		2.39	1190	<1	0.46	54
E602815	K-08-0144	23.3	26.1	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	5	102	7.61	14	160	0.5	<2	6.84	<0.5	37	98	169	7.52	10	0.11	10		3.16	1285	1	1.32	75
E602821	K-08-0144	38.81	40.43	GNST	GNST	Mineralized	P-AML	0.02	<0.5	<2	106	6.34	<5	500	0.5	<2	5.65	<0.5	28	124	145	6.11	10	0.3	<10		2.79	1065	1	1.17	74
E602820	K-08-0144	35.4	38.81	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	17	119	5.33	8	4570	1.5	<2	0.4	<0.5	13	68	75	3.22	10	1.57	20		1.06	1365	2	0.39	54
E754327	K-08-0148	178.09	181	GNST	GNST	Non-Mineralized	N-AML	<0.01	8.7	698	2010	7.65	35	240	1.5	<2	2.75	13.8	43	28	142	9.68	20	1.08	10		2.81	8710	2	0.02	86
E754325	K-08-0148	177.74	178.09	GNST	GNST	Non-Mineralized	N-AML	<0.01	3.1	96	652	1.55	386	420	0.5	2	0.1	6	17	29	31	2.74	<10	0.56	10		0.13	3590	2	0.01	20
E754328	K-08-0148	181	183.49	GNST	GNST	Non-Mineralized	N-AML	0.01	14.3	611	1880	3.96	197	760	1	<2	0.16	22.8	8	53	52	2.51	10	1.08	20		0.2	7620	3	0.17	34
E754329	K-08-0148	183.49	186.03	GNST	GNST	Non-Mineralized	P-AML	<0.01	1.7	172	1620	4.89	36	1610	1.1	<2	0.32	17.3	6	54	20	4.02	20	1.11	20		0.6	5870	1	0.17	23
E754330	K-08-0148	186.03	187.38	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	111	7.56	12	300	0.6	<2	5.5	<0.5	35	48	108	6.79	20	0.18	10		3.18	1230	1	0.72	72
E754324	K-08-0148	173.9	177.74	GNST	GNST	Non-Mineralized	N-AML	<0.01	2.7	171	1310	7.58	39	280	1.7	<2	3.06	5.3	39	32	170	9.07	20	0.91	10		2.62	5130	2	0.04	86
E770388	K-08-0150	157.96	160.24	GNST	GNST	Non-Mineralized	N-AML	<0.01	2	400	1480	7.08	<5	70	1.5	3	1.98	9.4	35	73	101	9.82	20	0.8	10		3.63	6840	<1	0.02	89
E770387	K-08-0150	155.45	157.96	GNST	GNST	Non-Mineralized	N-AML	0.02	3.6	534	2720	4.77	32	350	1.1	2	0.8	29.9	22	30	162	7.72	10	0.82	10		1.41	4650	<1	0.06	39
E770410	K-08-0150	186.96	189.11	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	6	128	6.98	18	290	0.5	4	4.82	<0.5	35	23	189	8.46	20	0.19	10		2.75	1290	1	0.99	55
E770411	K-08-0150	189.11	191.27	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	12	238	7.96	<5	320	0.9	<2	5.37	1.6	39	25	217	9.7	20	0.21	10		3.05	1415	<1	1.05	63
E770417	K-08-0150	202.38	203.91	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	6	110	7.91	11	40	0.6	<2	5.43	0.7	34	60	121	7.74	20	0.02	10		3.73	1275	<1	1.32	79
E603022	K-08-0151	58.23	60.92	GNST	GNST	Mineralized	P-AML	0.02	<0.5	<2	85	7.79	<5	310	<0.5	<2	7.89	<0.5	38	167	149	7.17	10	0.16	<10		3.79	1240	<1	1.13	94
E603021	K-08-0151	56.23	58.23	GNST	GNST	Non-Mineralized	N-AML	0.02	<0.5	2	295	7.49	6	140	0.5	<2	7.43	<0.5	40	147	199	8.15	10	0.07	<10		3.58	1405	<1	1.12	93
E603020	K-08-0151	54.23	56.23	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	2	281	6.6	9	180	0.6	<2	7.18	<0.5	35	91	188	7.27	20	0.1	10		2.82	1400	<1	0.69	60
E603019	K-08-0151	52.23	54.23	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	4	170	7.88	<5	140	0.6	<2	7.53	<0.5	42	106	198	8.61	20	0.06	<10		3.61	1430	<1	1.52	77
E603017	K-08-0151	50.23	52.23	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.5	5	122	7.46	<5	130	0.6	<2	6.94	<0.5	38	73	224	8.48	20	0.03	<10		3.1	1370	<1	1.45	61
E754380	K-08-0153	44.16	47.16	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	108	7.49	<5	220	0.5	<2	7.28	<0.5	39	124	190	8.05	20	0.15	<10		3.5	1290	<1	1.59	81
E754381	K-08-0153	47.16	49.2	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	9	168	8.14	<5	170	<0.5	<2	7.61	1.1	45	151	193	7.69	20	0.17	<10		3.71	1315	<1	1.61	103
E754382	K-08-0153	49.2	51.71	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	7	154	7.52	9	240	<0.5	<2	6.55	<0.5	45	32	264	9.11	10	0.11	<10		2.82	1520	<1	1.58	50
E603083	K-08-0155	45.42	48.46	GNST	GNST	Non-Mineralized	N-AML	0.02	<0.5	7	131	6.13	<5	340	0.5	<2	6.49	<0.5	30	84	175	7.36	10	0.17	<10		2.68	1215	1	0.97	58
E603086	K-08-0155	51.51	53	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	6	94	7.7	<5	130	<0.5	<2	8.18	<0.5	36	140	154	7.74	20	0.13	<10		3.97	1275	1	1.38	99
E603081	K-08-0155	41.87	42.67	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	4	84	5.26	<5	60	<0.5	<2	6.22	<0.5	24	87	128	5.78	10	0.06	<10		2.2	950	1	0.92	52
E603082	K-08-0155	42.67	45.42	GNST	GNST	Non-Mineralized	N-AML	0.02	<0.5	7	147	7.14	5	210	0.5	<2	6.64	<0.5	36	60	234	8.84	20	0.06	<10		2.91	1430	1	1.33	55
E603085	K-08-0155	48.46	51.51	GNST	GNST	Non-Mineralized	N-AML	0.02	<0.5	5	96	7.61	<5	280	<0.5	<2	7.58	<0.5	36	149	168	7.86	20	0.17	<10		3.72	1285	1	1.5	93
E770550	K-08-0158	113.67	115.01	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	2	1440	8.19	6	30	0.5	<2	8.19	1.6	40	125	207	8.95	20	0.02	<10		4.1	1785	<1	1.27	105
E778126	K-08-0175	122	123.93	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	4	210	7.18	10	520	0.5	3	6.85	0.7	39	71	228	8.86	20	0.1	<10		3.04	1530	<1	1.16	62
E778127	K-08-0175	123.93	124.67	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	100	7.51	10	150	0.5	3	6.52	<0.5	37	94	196	8.22	20	0.1	<10		3.02	1350	<1	1.58	67
E778128	K-08-0175	124.67	125.67	GNST	GNST	Non-Mineralized	N-AML	<0.01	2.3	181	1010	7.08	101	110	0.7	7	5.15	8.4	33	103	193	10.15	20	0.14	10		2.95	2070	<1	0.92	66
E778125	K-08-0175	119	122	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	4	284	7.57	13	140	<0.5	2	7.32	1.9	39	140	157	7.7	10	0.14	<10		3.53	1300	<1	1.42	89
E778124	K-08-0175	116	119	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	4	97	7.72	6	110	<0.5	2	7.31	<0.5	37	156	152	7.23	10	0.11	<10		3.4	1210	<1	1.39	89
E778123	K-08-0175	113	116	GNST	GNST	Mineralized	P-AML	0.01	<0.5	<2	93	7.74	<5	130	<0.5	4	7.48	<0.5	39	171	160	7.73	20	0.14	<10		3.61	1280	<1	1.39	97
E778122	K-08-0175	112.1	113	GNST	GNST	Mineralized	P-AML	0.01	<0.5	<2	94	7.44	11	370	<0.5	<2	7.39	<0.5	42	227	155	7.88	20	0.24	<10		4.04	1300	<1	1.36	122
E778121	K-08-0175	110.89	112.1	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	105	7.44	11	180	<0.5	<2	7.16	<0.5	38	114	196	8.4	20	0.1	<10		3.27	1380	<1	1.12	75
E778188	K-08-0177	68.48	69.88	GNST	GNST	Mineralized	P-AML	0.01	<0.5	<2	98	7.32	9	240	0.7	<2	6.96	<0.5	34	104	170	7.92	20	0.21	10		3.08	1235	<1	1.04	74
E778223	K-08-0177	121.62	123.36	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	96	6.95	<5	320	0.5	<2	7	<0.5	37	98	188	8.19	20	0.18	10		3.2	1360	<1	1.46	68
E778222	K-08-0177	120	121.62	GNST	GNST	Non-Mineralized	N-AML	0.01	<0.5	2	108	7.62	<5	190	0.5	<2	7.08	<0.5	38	110	202	8.59	20	0.15	10		3.35	1400	<1	1.74	79
E778220	K-08-0177	114	117	GNST	GNST	Mineralized	P-AML	0.01	<0.5	<2	99	7.32	5	100	<0.5	<2	7.36	<0.5	37	163	129	7	10	0.13	10		3.66	1165	<1	1.42	95

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SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E778221	K-08-0177	117	120	GNST	GNST	Mineralized	P-AML	0.01	<0.5	<2	139	6.99	<5	280	0.6	<2	6.25	<0.5	39	50	268	9.94	20	0.19	10		2.91	1690	<1	1.13	51
E778219	K-08-0177	111	114	GNST	GNST	Mineralized	P-AML	<0.01	<0.5	<2	88	6.97	5	90	<0.5	<2	7.03	<0.5	34	180	134	6.86	20	0.14	10		3.55	1150	<1	1.45	96
E778218	K-08-0177	108	111	GNST	GNST	Mineralized	P-AML	0.02	<0.5	<2	138	7.16	7	140	<0.5	<2	7.15	<0.5	34	157	154	7.2	20	0.15	10		3.42	1225	<1	1.43	88
E773029	K-10-0247	28.82	30.86	GNST	GNST	Non-Mineralized	N-AML	<0.002	0.5	10	106	7.43	2	95	0.5	<1	8.11	<0.5	46.5	390	158	7.45	19	0.09	7	34	3.93	2190	1.5	1.58	93.3
E773030	K-10-0247	30.86	32.79	GNST	GNST	Non-Mineralized	N-AML	<0.002	0.6	13	153	7.81	4	78	0.7	<1	7.86	<0.5	46.9	233	251	9.46	23	0.11	8	52	3.37	2760	1.5	1.2	58.2
E773042	K-10-0247	44.65	46.11	GNST	GNST	Non-Mineralized	N-AML	<0.002	<0.5	10	148	4.46	<1	4980	1.3	<1	0.19	<0.5	12.7	257	67.5	3.28	16	1.67	14	40	1.24	914	2.6	0.38	52.4
E773041	K-10-0247	43.01	44.65	GNST	GNST	Non-Mineralized	N-AML	<0.002	<0.5	10	252	4.48	1	6610	1.3	<1	0.43	<0.5	13.2	228	88.9	3.76	16	1.76	15	41	1.25	2230	3.4	0.24	53.5
E773043	K-10-0247	46.11	47.04	GNST	GNST	Non-Mineralized	N-AML	<0.002	<0.5	12	271	4.58	1	4010	1.2	<1	0.22	<0.5	11.9	291	51	3.25	15	1.78	11	37	1.19	1450	2.7	0.2	46.5
E773046	K-10-0247	48.82	49.99	GNST	GNST	Non-Mineralized	N-AML	<0.002	<0.5	11	483	7.88	11	649	<0.5	<1	6.89	1.5	33.6	266	103	8.17	18	0.27	9	37	4.22	2810	1	0.77	85
E773052	K-10-0247	55.71	57.85	GNST	GNST	Non-Mineralized	N-AML	0.004	<0.5	8	194	5.58	12	281	<0.5	<1	6.37	0.6	25.1	261	160	7.19	14	0.2	8	94	2.61	2050	2.4	0.42	56
E757064a	K-10-0251	64.38	65.29	GNST	GNST	Non-Mineralized	N-AML	0.02	0.33	2.3	561	8.16	5.5	70	0.44	0.04	6.77	7.97	36.3	122	183.5	8.39	20.2	0.05	7.9	26.1	3.67	1520	0.45	1.58	73.8
E757136	K-10-0253	51.24	52.5	GNST	GNST	Non-Mineralized	N-AML	0.007	<0.5	12	108	7.07	<1	219	0.7	<1	7.48	<0.5	40.1	127	216	9.34	25	0.12	8	15	3.24	2380	1.1	1.63	49.6
E757132	K-10-0253	44.9	46.96	GNST	GNST	Non-Mineralized	N-AML	0.004	<0.5	11	130	7.02	<1	249	0.5	<1	7.51	<0.5	39.3	252	187	8.35	23	0.14	7	17	3.56	2200	1.3	1.48	76.4
E757133	K-10-0253	46.96	48.97	GNST	GNST	Non-Mineralized	N-AML	0.003	<0.5	12	116	7.16	2	285	<0.5	<1	7.97	<0.5	55.9	299	168	7.79	21	0.24	6	17	3.78	2210	1.5	1.49	96.2
E757135	K-10-0253	48.97	51.24	GNST	GNST	Non-Mineralized	N-AML	0.007	<0.5	5	53.3	3.71	<1	107	<0.5	<1	3.53	<0.5	20.3	240	76.2	4.1	11	0.26	5	8	1.66	1090	1.4	0.76	36
E773231	K-10-0262	9	11.05	GNST	GNST	Non-Mineralized	N-AML	0.005	<0.5	3	344	7.85	7	92	<0.5	<1	6.48	2.9	55.8	80.6	120	8.58	24	0.07	8	25	2.71	2270	3	2.05	44
E773230	K-10-0262	7.01	9	GNST	GNST	Non-Mineralized	N-AML	0.004	<0.5	6	239	8.22	3	95	<0.5	<1	7.61	2.4	50.5	163	139	7.59	22	0.13	7	20	2.75	2160	3.8	1.89	47.8
E773228	K-10-0262	4.88	7.01	GNST	GNST	Non-Mineralized	N-AML	0.007	<0.5	5	162	8.14	2	117	<0.5	<1	8.2	1.3	56	174	125	7.75	20	0.11	6	20	3.51	2260	1.1	1.74	80.4
E773236	K-10-0262	17.3	19.51	GNST	GNST	Non-Mineralized	N-AML	0.005	<0.5	4	151	7.12	1	131	<0.5	<1	7.38	<0.5	58.5	272	153	8.2	19	0.12	8	32	3.49	2400	3.8	1.51	69.3
E773227	K-10-0262	3.66	4.88	GNST	GNST	Non-Mineralized	N-AML	0.004	0.6	43	158	7.69	3	167	<0.5	<1	8.28	1.1	58.2	233	114	7.99	20	0.11	6	20	3.99	2360	3.1	1.6	96.9
E773235	K-10-0262	15.17	17.3	GNST	GNST	Non-Mineralized	N-AML	0.006	<0.5	5	142	5.58	1	142	<0.5	<1	5.51	0.6	39.2	229	147	6.87	16	0.18	7	28	2.65	1920	3.8	1.31	49.7
E773232	K-10-0262	11.05	13.07	GNST	GNST	Non-Mineralized	N-AML	0.004	<0.5	3	181	7.69	6	47	0.5	<1	7.21	1.3	49.3	120	122	8.64	22	0.05	8	24	3.43	2350	3	2.27	66.4
E773233	K-10-0262	13.07	15.17	GNST	GNST	Non-Mineralized	N-AML	0.004	<0.5	4	198	6.94	2	103	<0.5	<1	6.93	1.1	60.8	199	196	9	21	0.08	9	33	3.3	2510	4.1	1.58	56.5
E773870	K-10-0314	102.6	103.28	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.6	9	946	7.38	17	90	0.8	6	2.83	5	43	20	162	11	20	0.14	20		3.05	2700	2	<0.01	58
E773874	K-10-0314	105.48	106.48	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	9	129	6.95	8	710	0.8	5	6.09	<0.5	37	7	190	9.82	20	0.1	20		2.74	1650	1	1.11	47
E773873	K-10-0314	104.48	105.48	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	6	128	6.92	8	450	0.8	3	5.36	0.6	37	10	171	9.7	20	0.09	20		2.55	1525	1	1.33	43
E773877	K-10-0314	107.48	108.48	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.8	16	122	7.4	6	430	0.6	5	5.57	<0.5	37	26	177	9.73	20	0.14	20		3.3	1540	1	1.02	64
E773878	K-10-0314	108.48	109.63	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	8	115	6.91	6	170	0.7	<2	5.51	0.6	37	26	149	9.36	20	0.03	20		3.16	1550	1	0.48	58
E773879	K-10-0314	109.63	109.88	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	10	80	6.78	10	3370	2.4	2	0.99	<0.5	17	100	53	2.92	20	2.36	40		0.93	301	5	0.07	108
E773876	K-10-0314	106.48	107.48	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	5	122	7.27	8	410	0.7	4	6.02	0.5	37	19	172	9.38	20	0.18	20		3.14	1530	1	1.18	58
E773881	K-10-0314	110.17	111.17	GNST	GNST	Non-Mineralized	N-AML	0.04	0.6	11	1260	7.16	12	320	0.9	5	4.94	1.2	40	21	172	9.48	20	0.25	20		2.79	3050	1	0.54	70
E773882	K-10-0314	111.17	112.17	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.6	12	1540	7.12	15	380	1	5	5.42	<0.5	46	17	150	9.87	20	0.31	20		3	4930	1	0.38	77
E773884	K-10-0314	112.17	112.96	GNST	GNST	Non-Mineralized	N-AML	<0.01	<0.5	64	2610	7.58	13	290	1.2	<2	3.86	1.9	58	22	175	10.8	20	0.58	10		2.99	7630	<1	0.13	110
E773795	K-10-0306	67.51	68.28	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.81	24.1	2890	8.77	26.4	530	1.01	0.43	4.63	19.05	35.2	73	127	8.36	21.7	1	14.5	117	3.14	1740	0.74	0.2	71.3
E773841	K-10-0306	108.34	110.34	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.75	34.4	1240	8.17	32.2	130	1.32	0.03	4.78	5.02	49.4	161	155	8.59	20.3	0.37	5.6	81.5	3.91	2420	0.46	0.01	103.5
E773844	K-10-0306	112.34	114.43	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.64	15.8	302	7.85	26.5	230	0.9	0.05	5.51	1.27	41	165	183.5	8.36	19.75	0.27	7.1	72.9	3.9	1600	0.51	0.32	92.6
E773843	K-10-0306	110.34	112.34	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.51	59.1	231	8.15	37.1	170	0.99	<0.01	6.59	0.91	43.3	190	159	7.71	20.6	0.49	5.4	94.3	4.02	1780	0.4	0.64	106
E774683	K-10-0309	115.81	117.79	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.27	14.4	166	7.57	2.2	120	0.48	0.05	7.44	0.53	47.1	87	188	8.73	21.8	0.16	8.5	35.6	3.59	1480	0.48	1.38	77.3
E774680	K-10-0309	109.81	111.81	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.98	118	1900	8.05	31.3	90	1	0.32	6.88	10.9	41.4	190	133	8.06	18.75	0.44	5.9	49.5	3.91	4910	0.37	0.87	106.5
E774682	K-10-0309	113.92	115.81	GNST	GNST	Non-Mineralized	N-AML	<0.01	1.61	170.5	770	7.72	1	130	0.36	0.34	7.7	6.92	43.8	106	163	7.72	20.3	0.13	7.2	37.6	3.59	1480	0.39	1.52	82.9
E774684	K-10-0309	117.79	119.25	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.26	19	181	7.21	<0.2	190	0.48	0.05	7.58	0.69	44.4	97	202	8.56	20.1	0.11	8.7	38.9	3.39	1480	0.49	1.2	72.2
E774681	K-10-0309	111.81	113.92	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.57	41.1	498	7.6	1.7	140	0.36	0.26	8.01	3.4	45.9	195	144.5	7.9	18.3	0.17	6.4	33.6	4.45	2010	0.34	1.5	114.5
E774685	K-10-0309	119.25	120.58	GNST	GNST	Non-Mineralized	N-AML	<0.01	0.19	3.8	156	7.56	0.4	250	0.45	0.02	7.98	0.17	43.9	101	182	8.95	19.7	0.14	8.6	41.6	3.64	1510	0.48	1.33	72.4
E601772	K-07-0118	76.11	76.91	GNST	GNST	Mineralized	P-AML	0.02	0.5	29	5750	7.97	49	190	0.5	<2	7.34	45.3	43	172	159	8.51	20	0.18	<10		4.01	2180	<1	1.17	105
E753953	K-08-0130	80.23	81.94	GNST	GNST	Mineralized	P-AML	0.01	8.3	1740	7700	6.28	54	590	2.3	<2	0.8	87.5	37	77	197	11.8	10	1.42	10		1.66	10200	1	0.01	60
E770562	K-08-0158	128.02	130.76	GNST	GNST	Mineralized	P-AML	0.02	2.7	409	7370	7.27	29	90	1.7	<2	3.7	56.5	40	145	111	9.37	10	0.73	<10		3.2	7130	<1	0.07	94
E778129	K-08-0175	125.67	126.02	GNST	GNST	Mineralized	P-AML	0.46	24.9	704	43100	3.66	10000	20	<0.5	34	0.22	452	177	60	404	15.7	10	0.02	<10		1.05	8000	<1	0.01	74
E757065a	K-10-0251	65.29	66.13	GNST	GNST	Mineralized	P-AML	0.02	0.7	11	13100	8.32	30.3	140	0.72	0.36	1.82	117.5	38.2	163	179.5	11.6	20.2	0.44	13.4	94.3	4	5990	0.79	0.34	91.3
E757067a	K-10-0251	66.13	66.62	GNST	GNST	Mineralized	P-AML	0.02	0.78	44.9	22300	7.23	74.5	120	0.62	0.18	0.18	227	45.1	183	57	14.05	21.6	0.37	26.6	141	4.14	8280	1.08	0.02	104.5
E757069a	K-10-0251	67.29	68.61	GNST	GNST	Mineralized	P-AML	0.01	0.31	5.2	5020	8.33	3.4	140	0.59	0.04	5.51	50.2	48	52	242	10.7	24.4	0.13	10.3	54.3	3.5	3010	0.74	0.6	58.5
E757068a	K-10-0251	66.62	67.29	GNST	GNST	Mineralized	P-AML	0.03	0.84	43.5	19800	7.08	45.7	150	0.99	0.54	1.87	204	45.6	45	149.5	12.75	24.8	0.41	9.6	91.3	3.44	8490	0.89	0.02	75.5
E773797	K-10-0306	69.38	70.44	GNST	GNST	Mineralized	P-AML	<0.01	0.41	25.8	5070	7.64	18.2	460	0.7	0.03	1.25	28.6	34.1	219	114.5	7.78	18.3	0.59	11.5	159.5	3.81	1440	0.42	0.15	95.3
E773828	K-10-0306	98.97	99.71	GNST	GNST	Mineralized	P-AML	<0.01	1.91	332	14250	6.87	80	20	0.99	0.87	0.27	123.5	18.2	84	23.9	13.9	18.9	0.95	8.2	206	1.51	12650	0.59	<0.01	43.1
E773829	K-10-0306	99.71	100.45	GNST	GNST	Mineralized	P-AML	<0.01	4.63	236	15200	5.89	62.5	10	0.57	4.78	0.21	154	18.2	69	97.2	16.9	18.4	0.75	6.4	113.5	1.66	13450	0.48	<0.01	39.8
E774679	K-10-0309	108.6	109.81	GNST	GNST	Mineralized	P-AML	<0.01	4.74	292	11850	7.67	59.9	130	1.47	1.3	4.1	98.9	37.9	204	151	8.43	19.4	1.22	6.5	42	3.03	8860	0.4	0.59	95.2
E774702	K-10-0309	136.72	137.19	GNST	GNST	Mineralized	P-AML	<0.01	1.2	22	26300	7.1	19.4	110	0.52	0.1	1.88	46.8	51.6	114	152	9.21	19.25	0.5	8.8	82.8	3.5	10150	0.79	<0.01	97.1
E000097	K-11-0324	16.76	17.41	GNST	GNST	Mineralized	P-AML	<0.01	2.1	188	5630	3.74	31	150	1.4	<2	0.15	157	2	29	39	6.35	10	1.36	20		0.12	13200	<1	0.02	7
E004118	K-11-0326	102.78	104.49	GNST	GNST	Mineralized	P-AML	0.02	7.6	410	12850	6.87	106	60	1.4	14	0.24	123.5	11	168	46	15.95	20	0.74	10		1.33	12700	<1	<0.01	63
E000001	K-11-0328	6.77	7.62	GNST	GNST	Mineralized	P-AML	<0.01	21.3	889	8450	8.23	60	150	1.9	<2	0.14	146.5	14	37	125	14.4	20	2.09	10		1.44	7860	<1	0.02	33
E004085	K-11-0329	77.53	78.35	GNST	GNST	Mineralized	P-AML	<0.01	1	64	38800	6.71	200	120	0.9	<2	1.45	301	39	138	139	10.25	20	0.7	<10		3.1	8170	1	0.2	96
E599941	K-07-0074	44.15	46.15	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.5	20	99	8.83	18	1120	2.4	3	2.26	<0.5	12	95	26	4.08	20	1.78	40		0.73	219	<1	0.3	44
E601875	K-07-0118	197.6	199.6	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	15	399	5.66	11	630	1.3	<2	3.02	0.6	9	88	29	2.61	10	1.04	20		0.51	244	1	0.19	33
E600005	K-07-0074	137.4	138.64	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	26	664	4.63	17	680	1.3	<2	1.68	2.4	7	84	19	2.48	10	1	30		0.42	370	1	0.14	29
E601860	K-07-0118	179.39	181.39	GSCH	GSCH	Non-Mineralized	N-AML	0.02	1	70	747	6.44	38	780	1.8	<2	1.61	6.9	9	96	21	2.98	10	2.02	30		0.39	1130	<1	0.19	36
E601873	K-07-0118	193.66	195.6	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.7	25	154	8.3	13	920	1.9	<2	3.92	0.7	11	131	23	3.95	20	1.54	30		0.74	260	1	0.36	52
E770062	K-08-0135	61.4	64.12	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	30	74	5.02	10	650	1.3	3	1.62	<0.5	5	76	16	2.61	10	0.88	20		0.6	156	1	0.22	32
E770063	K-08-0135	64.12	67.1	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.5	29	131	8.12	17	960	2.2	4	1.3	<0.5	10	110	21	4.01	20	1.4	30		0.57	225	1	0.3	49
E770064	K-08-0135	67.1	70.1	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	13	270	4.62	5	560	1.2	<2	2.75	<0.5	5	65	11	2.34	10	0.96	20		0.4	264	<1	0.17	22
E770099	K-08-0135	140.13	141.3	GSCH	GSCH	Non-Mineralized	P-AML	0.08	1.3	298	2080	4.66	19	730	1.6	<2	0.29	16.1	6	83	20	3.26	10	1.51	20		0.29	3740	1	0.12	34
E770119	K-08-0135	158.65	159.7	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.7	132	592	7.79	33	1160	2.6	<2	0.8	1.4	11	121	20	3.54	20	2.48	30		0.55	3680	1	0.2	54

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E770211	K-08-0139	209.91	212	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	4	233	3.17	10	620	0.8	<2	1.18	1.4	7	52	12	2.39	10	0.59	10		0.46	794	<1	0.18	23
E770212	K-08-0139	212	214.3	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	18	264	4.46	23	860	1.1	<2	0.36	1.1	6	67	16	1.79	10	0.92	20		0.35	679	<1	0.25	31
E770217	K-08-0139	219.54	221.7	GSCH	GSCH	Non-Mineralized	P-AML	0.01	<0.5	14	68	6.67	29	1000	1.7	<2	0.25	<0.5	13	97	33	2.75	20	0.93	10		0.4	183	2	0.6	46
E770219	K-08-0139	224.94	226.16	GSCH	GSCH	Non-Mineralized	P-AML	0.02	<0.5	15	53	5.48	26	1110	1.6	<2	0.18	<0.5	9	80	10	2.02	10	1	20		0.3	200	<1	0.36	33
E770316	K-08-0145	100.85	101.62	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	0.6	163	1080	9.25	78	1360	3	<2	0.54	3.7	10	142	24	4.29	20	2.18	40		0.44	2150	1	0.33	47
E770322	K-08-0145	107.6	108.15	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	1.4	103	4050	9.11	155	1310	3	4	0.21	32.5	4	142	20	3.04	20	2.88	40		0.32	1100	<1	0.31	26
E770321	K-08-0145	106.07	107.6	GSCH	GSCH	Non-Mineralized	N-AML	0.01	3.7	231	2100	1.17	261	90	<0.5	<2	0.04	10.7	<1	37	29	2.78	<10	0.28	10		0.05	1575	<1	0.04	7
E770318	K-08-0145	102.51	104.3	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	0.8	145	2390	7.08	54	1030	2	<2	0.65	5.1	13	95	23	3.73	20	1.79	30		0.41	3600	<1	0.21	48
E770317	K-08-0145	101.62	102.51	GSCH	GSCH	Non-Mineralized	N-AML	0.01	2.1	319	1860	2.99	62	550	0.9	<2	0.11	9	3	61	12	2.48	10	0.95	10		0.11	5670	1	0.09	15
E599919	K-07-0074	6.57	8.08	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	15	73	4.77	<5	600	1.2	3	1.1	<0.5	8	65	37	2.82	10	0.91	20		0.35	180	<1	0.13	28
E599918	K-07-0074	4.57	6.57	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	28	139	8.34	<5	1090	2.2	3	1.21	<0.5	12	107	28	3.88	20	1.63	40		0.38	185	<1	0.24	50
E599917	K-07-0074	1.52	4.57	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	22	106	6.3	<5	750	1.5	<2	0.94	<0.5	10	75	25	3.96	10	1.12	30		0.3	225	<1	0.14	36
E599943	K-07-0074	46.15	48.15	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	34	105	9.26	16	1100	2.4	3	1.2	<0.5	15	106	30	4.03	20	1.67	40		0.62	189	<1	0.27	50
E599940	K-07-0074	42.15	44.15	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	16	63	5.61	10	660	1.5	<2	1.9	<0.5	6	74	26	2.73	10	1.04	30		0.47	169	1	0.21	33
E599944	K-07-0074	48.15	49.41	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	17	59	4.63	27	660	1.5	<2	2.06	<0.5	8	61	24	2.4	10	1.08	20		0.54	171	1	0.2	27
E600003	K-07-0074	135.4	137.4	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	21	153	7.99	22	1160	2	<2	1.8	0.7	12	107	25	3.78	20	1.84	30		0.7	310	1	0.22	49
E777287	K-08-0138	89.2	90.27	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	17	287	3.39	17	540	0.9	<2	3.24	0.9	3	65	23	1.6	10	0.96	20		0.38	224	<1	0.1	19
E777290	K-08-0138	91.33	92.2	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	17	158	6.44	14	1050	2.1	<2	2.57	0.8	6	106	32	2.06	10	1.71	30		0.49	145	<1	0.38	24
E777298	K-08-0138	106.02	107.7	GSCH	GSCH	Non-Mineralized	P-AML	0.02	<0.5	14	2600	5.6	132	2520	1.5	<2	0.74	2.8	8	83	65	3.1	10	1.6	20		0.88	1150	<1	0.18	43
E777302	K-08-0138	113.72	116.47	GSCH	GSCH	Non-Mineralized	N-AML	0.02	2.6	132	867	5.08	123	650	1.6	<2	0.36	6.7	16	90	92	3.32	10	1.55	20		0.79	2080	25	0.11	73
E601724	K-07-0118	4.15	6.15	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	30	151	8.16	19	1010	1.8	<2	1.91	<0.5	9	98	26	4.71	20	1.39	40		0.7	299	1	0.22	45
E601725	K-07-0118	6.15	6.45	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	16	79	6.41	15	840	1.7	<2	1.06	<0.5	7	72	17	2.99	20	1.25	30		0.45	175	<1	0.17	33
E601753	K-07-0118	51.57	52.05	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	22	111	10	27	1160	2.7	<2	0.93	<0.5	12	132	34	4.1	20	1.76	40		0.53	157	<1	0.37	55
E601744	K-07-0118	35.89	37.89	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	1	23	82	5.6	14	750	1.5	<2	1.27	<0.5	8	78	32	2.64	10	1.32	20		0.43	167	8	0.17	37
E601745	K-07-0118	37.89	39.89	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	8	39	3.05	5	380	0.8	<2	1.41	<0.5	4	48	11	1.51	10	0.61	10		0.2	104	<1	0.08	18
E601746	K-07-0118	39.89	41.89	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	17	65	6.04	24	800	1.5	2	1.73	<0.5	7	77	18	2.63	10	1.24	20		0.54	179	<1	0.18	32
E601747	K-07-0118	41.89	43.89	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	19	102	5.91	15	730	1.4	<2	1.45	<0.5	9	82	21	3.22	10	1.1	30		0.44	206	1	0.15	37
E601748	K-07-0118	43.89	45.57	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	5	21	2.29	<5	320	0.6	<2	0.27	<0.5	1	56	7	0.93	10	0.52	10		0.1	82	<1	0.07	10
E601749	K-07-0118	45.57	47.57	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	10	82	4.71	13	510	1.2	<2	1.84	<0.5	5	67	14	2.68	10	0.84	20		0.43	244	<1	0.14	28
E601752	K-07-0118	49.57	51.57	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	13	79	6.72	13	740	1.6	<2	1.7	<0.5	8	81	20	3.26	20	1.07	30		0.56	188	<1	0.23	36
E601754	K-07-0118	52.05	54.05	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	10	40	2.1	8	300	0.6	<2	1.95	<0.5	4	49	9	1.36	<10	0.48	10		0.3	163	<1	0.09	18
E601750	K-07-0118	47.57	49.57	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	13	74	6.83	7	770	1.7	<2	1.37	<0.5	8	83	18	3.17	20	1.21	30		0.44	175	<1	0.2	31
E601742	K-07-0118	33.89	35.89	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	22	115	7.65	22	910	1.9	<2	1.12	<0.5	11	88	22	3.48	20	1.46	30		0.52	206	<1	0.19	43
E601783	K-07-0118	89.37	89.97	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	0.7	12	516	7.22	127	1600	2.2	<2	0.29	0.9	13	93	83	3.56	20	2.11	30		0.52	835	1	0.25	70
E601790	K-07-0118	97.61	99.01	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	3.3	116	1120	6.35	82	610	1.9	<2	0.38	8.3	16	95	113	3.86	20	2.01	30		0.61	2660	9	0.19	68
E601791	K-07-0118	99.01	100.03	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.8	19	1350	6.14	50	1820	1	<2	3.91	4.7	22	100	106	5.39	10	0.99	10		1.98	1390	4	0.31	74
E601861	K-07-0118	181.39	183.59	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	52	1870	1.16	8	130	<0.5	<2	0.51	34.5	2	37	7	1.58	<10	0.36	10		0.13	2910	<1	0.03	7
E601874	K-07-0118	195.6	197.6	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	1	25	147	8.85	19	980	2.2	<2	3.12	0.6	15	146	35	4.33	20	1.58	30		0.76	245	1	0.37	62
E601876	K-07-0118	199.6	201.6	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	2	135	1.29	<5	150	<0.5	<2	0.47	0.5	2	53	8	0.74	<10	0.28	10		0.09	91	1	0.05	9
E601885	K-07-0118	214.35	216.24	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	0.6	24	2050	7.93	13	1270	2.1	<2	0.73	4.4	14	134	25	3.93	20	1.4	40		0.54	752	1	0.33	51
E776813	K-07-0121	4.83	6.5	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	5	66	6.82	<5	1340	1.7	<2	1.41	<0.5	6	95	29	2.95	20	1.43	40		0.64	156	<1	0.9	40
E776812	K-07-0121	3.05	4.83	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	4	81	7.82	<5	1220	2	<2	1.78	0.5	9	110	39	3.59	20	1.5	30		0.65	246	<1	0.72	38
E776848	K-07-0121	62.27	64.24	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	14	116	6.29	9	870	1.8	<2	0.93	<0.5	8	90	13	2.94	10	1.23	30		0.41	172	<1	0.13	34
E776847	K-07-0121	60.24	62.27	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	22	124	5.83	7	780	1.6	<2	0.95	<0.5	8	77	16	2.65	10	1.14	30		0.33	157	<1	0.15	29
E776846	K-07-0121	58.21	60.24	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	10	88	3.65	7	520	1	<2	1.27	<0.5	8	63	12	2.34	10	0.68	20		0.28	162	<1	0.09	22
E776845	K-07-0121	56.15	58.21	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	18	125	4.21	14	530	1.1	<2	1.53	<0.5	9	58	16	2.5	10	0.79	20		0.36	213	<1	0.12	26
E776844	K-07-0121	54.2	56.15	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	16	100	5.21	11	690	1.4	<2	1.66	<0.5	8	69	16	2.68	10	1.06	30		0.4	194	<1	0.16	30
E776871	K-07-0121	94.85	97.13	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.8	20	132	7.42	<5	780	2	<2	1.89	1	9	93	22	3.64	10	1.15	30		0.67	264	2	0.24	41
E776869	K-07-0121	92.89	94.85	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.5	20	264	7.61	5	830	1.9	<2	1.49	0.8	12	96	29	3.82	20	1.23	30		0.62	293	1	0.28	43
E776868	K-07-0121	90.86	92.89	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	7	67	4.55	<5	530	1.2	<2	0.89	0.7	5	63	14	2.29	10	0.81	20		0.5	147	1	0.19	21
E776867	K-07-0121	88.89	90.86	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	22	97	8.07	11	840	2.1	<2	0.95	1	10	101	22	4.1	20	1.27	30		0.69	202	1	0.23	49
E776866	K-07-0121	86.89	88.89	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	15	92	7.29	<5	770	2	<2	1.46	0.8	12	105	28	3.94	20	1.09	30		0.78	263	3	0.25	44
E776865	K-07-0121	86.53	86.89	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.5	3	83	6.79	23	790	1.6	<2	6.03	0.5	34	172	142	6.56	10	1.09	10		3.41	1005	<1	0.25	85
E776864	K-07-0121	85.6	86.53	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	12	86	7.04	18	700	1.8	2	0.9	0.6	10	92	22	3.83	20	1	30		0.54	189	1	0.23	35
E776861	K-07-0121	81.61	83.59	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	19	89	6.58	18	660	1.6	2	1.13	<0.5	9	84	20	3.46	20	0.96	30		0.54	200	1	0.24	38
E776863	K-07-0121	83.59	85.6	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	24	97	7.3	10	760	1.8	<2	1.16	0.5	9	95	24	3.87	20	1.12	30		0.61	200	1	0.23	43
E776860	K-07-0121	81.1	81.61	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.7	11	90	5.77	28	360	0.6	<2	5.33	<0.5	21	118	92	5.19	10	0.52	10		2.36	767	<1	0.13	56
E776882	K-07-0121	112.63	114.81	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	25	300	9.38	13	1070	2.6	<2	1.37	1.3	12	118	32	4.68	20	1.46	40		0.8	300	<1	0.38	58
E776881	K-07-0121	110.34	112.63	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	22	317	8.52	9	930	2.2	<2	1.46	1.9	10	108	25	4.89	20	1.26	40		0.86	340	1	0.28	52
E776880	K-07-0121	108.02	110.34	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	23	210	9.49	18	1120	2.5	<2	0.76	<0.5	14	117	37	4.67	20	1.57	40		0.58	240	<1	0.38	52
E602130	K-07-0122	6.2	8.16	GSCH	GSCH	Mineralized	P-AML	<0.01	<0.5	<2	84	8.31	5	30	<0.5	<2	7.73	<0.5	39	175	159	7.77	20	0.04	<10		4.08	1230	<1	1.4	100
E602129	K-07-0122	5.01	6.2	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	10	71	5.84	10	1060	1.4	<2	1.36	<0.5	8	88	21	2.89	10	1.29	30		0.57	171	<1	0.49	36
E602128	K-07-0122	3.43	5.01	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	7	39	2.3	5	390	0.5	<2	2.17	<0.5	2	45	9	1.41	<10	0.48	10		0.24	125	1	0.17	18
E602165	K-07-0122	59.61	60.76	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	13	73	0.78	5	120	<0.5	<2	2.22	0.5	2	32	2	1.32	<10	0.16	10		0.24	167	<1	0.01	8
E602159	K-07-0122	50.64	52.68	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	19	107	5.63	7	820	1.6	2	0.9	<0.5	8	68	16	2.24	10	1.37	30		0.29	173	<1	0.16	30
E602160	K-07-0122	52.68	54.68	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	18	129	8.69	9	1050	2.1	3	1.02	<0.5	11	91	23	3.9	20	1.73	40		0.5	211	<1	0.18	47
E602161	K-07-0122	54.68	56.26	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	18	139	7.36	15	1040	2.1	<2	1.05	0.6	9	87	19	3.25	10	1.58	30		0.45	211	<1	0.19	39
E602164	K-07-0122	58.51	59.61	GSCH	GSCH	Non-Mineralized	N-AML	0.03	<0.5	7	66	0.8	8	100	<0.5	<2	0.86	<0.5	2	38	4	1.58	<10	0.12	10		0.25	132	<1	0.01	9
E602166	K-07-0122	60.76	62.36	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	22	152	9.3	18	1270	2.4	<2	0.83	<0.5	9	142	18	3.77	20	1.89	40		0.45	152	<1	0.31	45
E602168	K-07-0122	62.36	63.58	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.5	9	35	0.97	<5	150	<0.5	<2	1.81	<0.5	1	30	7	0.75	<10	0.2	10		0.11	155	<1	0.02	7

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E602169	K-07-0122	63.58	64.69	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.7	26	156	8.83	10	1250	2.3	<2	1.34	0.6	13	140	30	4.53	20	1.81	40		0.62	210	<1	0.26	56
E602163	K-07-0122	56.26	58.51	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	13	121	3.86	<5	490	1.1	<2	1.43	<0.5	5	73	7	2.18	10	0.69	20		0.25	254	<1	0.1	28
E602180	K-07-0122	81.05	83.02	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	26	130	8.79	31	970	2.5	<2	0.98	0.6	13	108	17	3.83	20	1.83	40		0.6	479	<1	0.26	48
E602179	K-07-0122	79.05	81.05	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	17	129	6.12	9	720	1.4	<2	2.06	1	9	80	19	3.43	10	1.03	30		0.64	231	2	0.2	36
E602181	K-07-0122	83.02	84.94	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	43	73	8.9	7	1000	1.3	3	0.63	<0.5	6	66	14	4.18	20	0.93	40		0.53	757	2	0.25	29
E602182	K-07-0122	84.94	86.96	GSCH	GSCH	Mineralized	P-AML	0.02	<0.5	24	<2	5.15	<5	480	<0.5	<2	0.95	<0.5	<1	4	1	3.53	10	0.03	20		0.59	256	<1	0.17	<1
E602183	K-07-0122	86.96	88.38	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	22	105	8.63	7	910	2.1	<2	0.85	<0.5	12	108	35	3.91	20	1.32	40		0.65	228	3	0.32	48
E602193	K-07-0122	102.56	104.63	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	43	153	9.73	6	1120	2.6	<2	1.73	<0.5	14	121	32	4.91	30	1.54	40		0.82	290	3	0.37	57
E602194	K-07-0122	104.63	106.78	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	5	90	0.96	<5	180	<0.5	<2	1.9	<0.5	1	34	4	0.71	<10	0.25	10		0.13	99	<1	0.05	7
E602270	K-07-0122	202.96	204.88	GSCH	GSCH	Non-Mineralized	N-AML	0.02	1.1	25	114	6.59	17	800	1.5	<2	2.64	<0.5	10	99	29	4.01	20	1.15	30		0.69	274	1	0.24	41
E602271	K-07-0122	204.88	206.55	GSCH	GSCH	Non-Mineralized	N-AML	0.03	<0.5	13	64	4.19	21	520	1.2	<2	1.11	<0.5	6	77	16	1.79	10	0.87	20		0.23	123	1	0.19	25
E602272	K-07-0122	206.55	208.18	GSCH	GSCH	Non-Mineralized	N-AML	0.19	<0.5	8	61	0.4	52	50	<0.5	<2	0.12	<0.5	2	33	2	0.36	<10	0.13	10		0.03	90	<1	0.01	2
E776993	K-07-0123	179.38	181.38	GSCH	GSCH	Non-Mineralized	N-AML	0.02	0.6	22	142	8.79	18	1190	2.3	<2	1.29	<0.5	17	114	31	4.14	20	1.54	40		0.58	203	2	0.41	60
E777116	K-07-0126	209.7	212.75	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	22	71	8.64	22	840	1.9	<2	1.21	<0.5	8	115	22	3.25	20	0.85	30		0.36	510	1	0.89	46
E777130	K-08-0129	23	26	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	17	179	2.03	9	570	0.5	<2	1.74	1.1	3	41	18	1.33	<10	0.49	10		0.36	335	2	0.09	17
E777132	K-08-0129	26	27.7	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	33	297	2.42	18	720	0.6	<2	3.83	1.3	2	53	19	1.4	10	0.69	20		0.36	172	1	0.07	13
E777133	K-08-0129	27.7	29.44	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	4	196	6.94	25	320	<0.5	<2	6.76	0.6	21	125	130	6.52	20	0.27	10		3.07	1150	1	0.36	81
E777135	K-08-0129	32.44	35.36	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	13	140	2.29	14	420	0.7	<2	1.74	0.9	2	59	11	1.28	10	0.65	20		0.17	108	<1	0.11	13
E777134	K-08-0129	29.44	32.44	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	30	167	5.1	16	1930	1.2	<2	1.72	0.8	9	75	66	3.14	10	1.14	20		0.93	590	5	0.23	37
E777141	K-08-0129	48.59	50	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	21	160	5.8	14	850	1.5	<2	2.28	<0.5	7	80	21	2.85	10	1.08	30		0.47	191	<1	0.23	34
E777142	K-08-0129	50	53	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	17	95	3.68	11	610	1	<2	0.9	<0.5	5	64	10	1.86	10	0.71	20		0.31	127	<1	0.14	21
E777143	K-08-0129	53	56	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	9	108	2.74	12	500	0.7	<2	0.24	<0.5	3	55	11	1.68	10	0.54	20		0.21	172	<1	0.06	24
E777145	K-08-0129	56	59	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	10	101	3.22	<5	590	0.9	<2	0.98	<0.5	4	58	13	1.8	10	0.62	20		0.26	154	1	0.13	20
E777146	K-08-0129	59	61	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	14	51	1.88	<5	340	0.5	<2	2.32	<0.5	2	44	8	1.19	<10	0.45	10		0.24	109	<1	0.04	15
E777147	K-08-0129	61	62.55	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	10	52	1.42	7	210	<0.5	<2	1.11	<0.5	1	46	5	0.92	<10	0.34	10		0.19	101	<1	0.03	14
E777148	K-08-0129	62.55	65.19	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	15	125	5.1	15	910	1.4	<2	3.73	0.6	6	92	16	2.41	10	1.23	30		0.44	218	1	0.23	33
E777154	K-08-0129	74	75.54	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	5	109	3.19	<5	480	0.8	<2	1.06	<0.5	3	58	22	1.63	10	0.65	20		0.33	315	<1	0.12	22
E777152	K-08-0129	69.03	72	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	12	78	3.08	5	550	0.8	<2	1.76	<0.5	3	60	9	1.45	10	0.68	20		0.29	182	<1	0.09	20
E777153	K-08-0129	72	74	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	6	150	1.77	7	280	<0.5	<2	1.43	1.2	2	40	11	1.12	<10	0.36	10		0.18	400	<1	0.07	13
E777178	K-08-0129	119.75	121.62	GSCH	GSCH	Non-Mineralized	N-AML	0.02	13.5	1320	2560	4.53	54	430	1.2	<2	0.16	33.7	4	90	202	3.84	10	0.92	30		0.28	7200	<1	0.18	19
E777180	K-08-0129	124.66	127.71	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	42	645	2.88	20	310	0.7	<2	1.61	2.3	5	53	15	2.34	10	0.71	10		0.59	1665	1	0.09	22
E777181	K-08-0129	127.71	130.76	GSCH	GSCH	Non-Mineralized	N-AML	0.02	1.6	718	1980	0.85	16	140	<0.5	<2	1.47	16.8	2	26	5	4.49	<10	0.28	10		0.58	15300	<1	0.02	7
E777182	K-08-0129	130.76	133.81	GSCH	GSCH	Non-Mineralized	P-AML	0.01	0.9	132	705	4.77	39	560	1.4	2	0.67	5.3	8	85	14	3.82	10	1.14	20		0.41	7180	<1	0.16	35
E777183	K-08-0129	133.81	136.86	GSCH	GSCH	Non-Mineralized	N-AML	0.03	3.3	112	524	3.25	162	430	0.7	2	0.14	4.2	7	65	23	2.82	10	0.92	20		0.14	4120	<1	0.09	24
E777179	K-08-0129	121.62	124.66	GSCH	GSCH	Non-Mineralized	N-AML	0.03	1.7	170	1460	2.27	2520	230	0.7	<2	0.22	10.9	11	46	18	3.38	<10	0.51	10		0.18	6010	<1	0.07	24
E777218	K-08-0129	192.89	195.09	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	0.5	40	313	5.29	72	1020	1.5	2	0.31	1.4	6	70	17	1.82	10	1.14	20		0.31	865	<1	0.31	35
E777227	K-08-0129	206.46	209.49	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	<0.5	16	53	3.92	16	480	0.9	2	0.2	<0.5	5	65	9	2.64	10	0.42	20		0.35	216	<1	0.11	21
E777226	K-08-0129	203.3	206.46	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	25	136	3.56	19	600	1	<2	0.16	1.3	5	51	14	1.71	10	0.68	20		0.2	829	1	0.17	19
E777230	K-08-0129	211	214.13	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	<0.5	38	208	7.03	34	920	2	2	0.46	1	10	106	23	2.74	20	1.37	20		0.35	226	1	0.49	45
E777229	K-08-0129	209.49	211	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	11	38	2.71	<5	340	0.8	<2	0.18	<0.5	4	45	8	1.5	10	0.32	10		0.18	310	<1	0.13	16
E777238	K-08-0129	227.38	230.12	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	9	241	2.25	<5	230	0.5	<2	0.23	0.6	6	54	9	1.54	10	0.43	10		0.17	639	<1	0.07	16
E777237	K-08-0129	225.25	227.38	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	12	110	3.34	<5	380	1	<2	0.18	0.5	5	68	10	1.67	10	0.68	20		0.19	244	<1	0.11	26
E777236	K-08-0129	222.2	225.25	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	<0.5	15	124	5.13	<5	560	1.5	<2	0.45	<0.5	9	88	13	2.11	10	1.04	20		0.26	317	1	0.19	32
E777235	K-08-0129	220.68	222.2	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	20	93	4.82	<5	500	1	<2	1.42	<0.5	7	82	13	2.24	10	1.03	20		0.41	225	<1	0.14	22
E777234	K-08-0129	218.81	220.68	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	<0.5	23	108	5.78	10	600	1.6	<2	0.67	<0.5	8	103	19	2.66	10	1.19	30		0.32	215	<1	0.17	34
E777239	K-08-0129	230.12	232.25	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	1.2	19	96	6.15	7	640	1.6	<2	0.97	<0.5	8	104	19	2.47	20	1.29	30		0.34	195	1	0.21	36
E777251	K-08-0129	258.85	259.76	GSCH	GSCH	Non-Mineralized	N-AML	0.04	1.1	393	621	6.91	94	760	2.1	<2	1.44	4.2	10	89	18	3.48	10	2.34	30		0.49	5480	<1	0.2	43
E777275	K-08-0129	312.11	313.16	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	16	73	7.81	19	1500	2.4	<2	0.85	<0.5	13	106	17	2.63	20	1.95	40		0.35	194	<1	0.22	46
E777278	K-08-0129	316.09	317.56	GSCH	GSCH	Non-Mineralized	P-AML	0.02	<0.5	26	136	8.2	11	1360	2.1	2	0.5	<0.5	12	126	47	4.05	20	1.76	40		0.62	327	1	0.16	61
E753925	K-08-0130	16.67	18.67	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	20	132	7.53	11	1170	2.3	<2	1.62	<0.5	11	101	21	3.71	20	1.73	30		0.59	208	2	0.27	49
E753924	K-08-0130	13.65	16.67	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	12	93	5.61	10	770	1.6	3	1.1	<0.5	8	72	16	2.88	10	1.22	20		0.44	180	1	0.15	33
E753922	K-08-0130	7.62	10.67	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	12	214	2.73	<5	390	0.8	2	0.74	0.6	5	47	14	1.91	<10	0.62	20		0.22	267	<1	0.09	19
E753923	K-08-0130	10.67	13.65	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	<0.5	10	170	5.44	<5	740	1.6	<2	0.7	<0.5	9	72	17	2.69	10	1.15	30		0.32	229	1	0.16	32
E753926	K-08-0130	18.67	20.06	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	25	213	7.75	16	1140	2.4	<2	3.27	<0.5	10	108	22	4.36	20	1.73	20		0.89	326	1	0.34	46
E753961	K-08-0130	93.05	96.43	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.8	24	605	5.54	17	180	1.4	<2	1.02	2.8	17	76	95	4.01	20	1.58	20		1.09	792	3	0.19	83
E753968	K-08-0130	111.31	114.31	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	8	41	1.57	33	270	0.5	<2	1.49	<0.5	3	39	7	0.9	<10	0.47	10		0.16	86	1	0.08	10
E753967	K-08-0130	108.31	111.31	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	10	79	1.37	149	270	<0.5	2	1.39	0.6	2	50	4	1.06	<10	0.45	10		0.26	163	<1	0.05	7
E753966	K-08-0130	105.26	108.31	GSCH	GSCH	Non-Mineralized	N-AML	0.04	<0.5	18	315	0.81	152	150	<0.5	<2	0.89	1.1	1	47	7	0.86	<10	0.25	10		0.14	164	<1	0.03	9
E753964	K-08-0130	102.29	105.26	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	12	368	5.35	34	650	1.4	<2	1.78	0.7	7	75	16	3	10	1.05	20		0.53	272	1	0.26	31
E753963	K-08-0130	99.3	102.29	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	9	249	1.11	19	180	<0.5	<2	1.03	0.7	2	42	7	0.91	<10	0.31	10		0.18	191	<1	0.05	11
E753962	K-08-0130	96.43	99.3	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	11	206	0.69	14	260	<0.5	3	1.31	0.5	2	30	7	0.71	<10	0.21	<10		0.15	462	<1	0.04	7
E753969	K-08-0130	114.31	117.29	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	10	117	2.77	25	420	0.7	2	0.96	0.5	5	49	9	1.68	<10	0.7	10		0.29	158	<1	0.07	19
E753970	K-08-0130	117.29	120.37	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	9	100	2.96	26	480	0.9	2	1.31	0.5	5	53	9	1.61	10	0.75	10		0.24	127	1	0.09	18
E753973	K-08-0130	123.36	126.36	GSCH	GSCH	Non-Mineralized	N-AML	0.03	<0.5	14	556	3	12	540	0.8	<2	2.75	3.5	6	65	11	1.62	10	0.76	20		0.33	332	<1	0.1	22
E753979	K-08-0130	138.35	141.12	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	9	57	2.08	<5	280	0.6	<2	0.73	<0.5	3	55	7	1.23	10	0.44	10		0.23	114	<1	0.08	13
E753978	K-08-0130	135.34	138.35	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	8	89	1.42	29	200	<0.5	<2	1.18	<0.5	1	41	5	1.05	<10	0.33	10		0.2	139	<1	0.06	9
E753977	K-08-0130	132.32	135.34	GSCH	GSCH	Non-Mineralized	N-AML	0.06	<0.5	12	60	2.15	66	330	0.5	<2	1.03	<0.5	4	61	6	1.35	10	0.53	10		0.31	219	<1	0.07	12
E753975	K-08-0130	129.3	132.32	GSCH	GSCH	Non-Mineralized	N-AML	0.04	<0.5	17	86	4.79	48	820	1.2	2	1.87	0.5	7	76	16	2.51	10	1.07	20		0.4	173	<1	0.17	30
E753974	K-08-0130	126.36	129.3	GSCH	GSCH	Non-Mineralized	N-AML	0.03	0.5	21	106	6.47	31	1110	1.8	<2	4.25	0.6	10	103	21	3.13	20	1.61	20		0.67	245	1	0.23	46
E753971	K-08-0130	120.37	123.36	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	3	294	1.31	<5	220	<0.5	<2	3.32	1.6	4	47	8	0.99	<10	0.33	10		0.21	245	<1	0.04	10

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E753980	K-08-0134	6.1	9.1	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	<0.5	16	148	4.11	7	540	1.2	2	0.73	<0.5	6	59	14	2.21	10	0.81	20		0.22	171	<1	0.11	25
E753981	K-08-0134	9.1	12.13	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	17	140	5.82	8	740	1.4	<2	0.93	<0.5	5	69	15	3.01	10	1.12	30		0.37	213	<1	0.17	31
E753982	K-08-0134	12.13	14.67	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	7	143	2.3	11	260	0.6	<2	0.98	<0.5	4	47	9	3.35	10	0.44	20		0.38	260	<1	0.09	18
E753987	K-08-0134	22.31	24.24	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	26	165	7.08	11	940	1.8	<2	1.4	<0.5	8	83	20	3.29	20	1.44	30		0.55	249	1	0.22	38
E753985	K-08-0134	20.1	22.31	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	22	179	7.57	12	1050	2	<2	1.56	<0.5	10	86	22	3.77	20	1.62	30		0.65	297	1	0.24	46
E753984	K-08-0134	17.07	20.1	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	18	112	7.15	10	990	2.1	<2	1.25	<0.5	8	89	16	3.27	20	1.57	30		0.57	195	<1	0.23	40
E753983	K-08-0134	14.67	17.07	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	23	129	7.4	8	1000	2	<2	1.61	<0.5	8	89	18	3.73	20	1.57	30		0.66	227	<1	0.23	42
E754000	K-08-0134	54.23	57.23	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	9	71	2.43	9	360	0.5	<2	3.85	<0.5	3	52	12	1.57	10	0.58	10		0.57	191	<1	0.08	15
E754004	K-08-0134	66.31	69.25	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	12	64	4.57	9	580	1.2	<2	1.87	<0.5	5	68	11	2.15	10	1.1	20		0.37	146	1	0.19	25
E754003	K-08-0134	63.33	66.31	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	10	67	3.03	9	370	0.8	<2	2.64	<0.5	3	52	9	1.9	10	0.65	20		0.3	165	<1	0.11	17
E754002	K-08-0134	60.35	63.33	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.5	28	657	7.94	18	940	2.2	<2	1.55	1.2	10	107	26	4.14	20	1.54	30		0.73	539	1	0.26	48
E753999	K-08-0134	51.3	54.23	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	12	86	6.06	14	720	1.5	<2	1.92	<0.5	7	84	18	3.48	20	1.17	30		0.51	219	1	0.19	36
E754001	K-08-0134	57.23	60.35	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	12	269	3.79	12	620	0.9	<2	3.82	0.6	5	59	20	2.39	10	0.84	20		0.95	406	1	0.17	23
E753989	K-08-0134	27.24	30.18	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	17	159	3.55	10	490	0.9	<2	0.98	<0.5	5	61	14	2.03	10	0.81	20		0.27	222	<1	0.09	24
E753998	K-08-0134	48.25	51.3	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	17	88	6.48	15	840	1.7	<2	1.72	<0.5	6	86	17	3.33	20	1.39	30		0.56	187	<1	0.21	35
E753997	K-08-0134	45.25	48.25	GSCH	GSCH	Mineralized	P-AML	0.01	0.9	3	<2	0.23	6	10	<0.5	<2	37.9	<0.5	<1	1	1	0.17	<10	0.03	<10		1.49	29	<1	0.01	<1
E753995	K-08-0134	42.31	45.25	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.5	10	45	2.78	8	410	0.7	<2	1.26	<0.5	3	68	13	1.87	10	0.65	20		0.29	163	1	0.1	17
E753994	K-08-0134	39.21	42.31	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.5	14	62	4.12	15	550	1	<2	1.99	<0.5	5	79	17	2.55	10	0.86	20		0.4	199	1	0.15	26
E753993	K-08-0134	36.2	39.21	GSCH	GSCH	Non-Mineralized	N-AML	0.07	<0.5	14	87	5.89	8	730	1.6	<2	1.47	<0.5	7	89	16	3.08	20	1.2	30		0.42	211	<1	0.2	35
E753990	K-08-0134	30.18	33.1	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	19	152	5.26	12	680	1.5	<2	1.27	<0.5	7	83	18	3.74	10	1.06	30		0.42	282	1	0.13	36
E753988	K-08-0134	24.24	27.24	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	15	214	5.32	7	690	1.3	<2	1.57	<0.5	8	100	14	3.19	10	1.11	30		0.44	241	1	0.17	32
E753991	K-08-0134	33.1	36.2	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	12	66	3.48	8	420	1	<2	0.96	<0.5	4	62	9	2.19	10	0.72	20		0.34	162	<1	0.12	22
E754035	K-08-0134	136.13	138.02	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	22	106	5.48	7	880	1.2	<2	3.18	<0.5	7	87	21	2.83	10	1.2	30		0.66	198	<1	0.15	32
E754037	K-08-0134	139.3	142.9	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	13	29	1.61	<5	310	<0.5	<2	1.88	<0.5	3	45	6	1.01	<10	0.37	10		0.21	89	<1	0.05	11
E754036	K-08-0134	138.02	139.3	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	20	92	6.69	13	1060	1.6	<2	1.97	<0.5	9	93	22	3.15	10	1.43	30		0.63	173	<1	0.19	43
E754046	K-08-0134	163.59	165.64	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.9	24	134	9.28	23	1350	2.4	3	2.05	0.5	13	134	31	4.26	20	1.73	30		0.73	269	1	0.44	59
E770047	K-08-0135	26.5	28.23	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	42	267	7.07	15	920	1.7	3	1.15	<0.5	6	90	34	3.31	20	1.39	30		0.48	217	<1	0.16	37
E770043	K-08-0135	17.5	20.5	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	31	136	7.97	16	1030	2	<2	1.35	<0.5	12	106	27	4.84	10	1.47	30		0.63	273	2	0.19	49
E770045	K-08-0135	23.5	26.5	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	20	405	6.17	11	800	1.5	<2	1.18	<0.5	7	89	14	3.17	10	1.17	30		0.4	318	1	0.18	35
E770044	K-08-0135	20.5	23.5	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	20	244	7.53	<5	980	1.9	2	0.98	<0.5	9	95	19	3.58	20	1.39	30		0.46	233	1	0.2	48
E770042	K-08-0135	14.43	17.5	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	24	116	7.13	15	940	1.7	3	1.3	<0.5	6	88	18	3.49	20	1.34	30		0.54	196	1	0.2	39
E770050	K-08-0135	30.76	32.69	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	22	102	6.11	17	860	1.7	3	1.25	<0.5	3	83	14	2.71	10	1.24	30		0.44	194	<1	0.18	29
E770058	K-08-0135	51.16	53.5	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	0.6	107	351	5.87	30	720	1.5	<2	0.73	3.3	7	82	15	3.28	10	1.35	30		0.36	2460	1	0.14	31
E602635	K-08-0136	12.57	14.63	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	11	489	2.52	17	400	0.8	<2	0.72	2.6	2	63	16	1.51	10	0.66	20		0.15	137	1	0.11	18
E602649	K-08-0136	40	42.52	GSCH	GSCH	Non-Mineralized	N-AML	0.02	5.2	476	1810	6.42	45	2040	1.7	2	0.5	12.3	22	71	115	6.58	20	1.69	20		1.02	8540	6	0.27	63
E602675	K-08-0136	94.4	95.91	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.8	47	231	7.32	15	990	1.5	2	2.81	0.8	6	125	19	3.74	10	1.37	30		0.61	499	1	0.17	39
E602672	K-08-0136	91.85	93.81	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.5	20	113	6.62	17	960	1.7	<2	1.48	<0.5	6	97	20	3.47	10	1.25	30		0.52	220	1	0.23	37
E602673	K-08-0136	93.81	94.4	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.7	30	741	5.62	10	860	1.1	<2	2.3	4.7	5	103	31	2.96	10	1.19	30		0.39	934	<1	0.15	39
E602679	K-08-0136	103.81	106.07	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.6	15	84	2.76	7	380	0.6	<2	1.4	<0.5	1	55	12	1.9	10	0.52	20		0.29	210	1	0.1	20
E602680	K-08-0136	106.07	108.55	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	22	116	5.91	10	770	1.5	4	1.91	<0.5	6	101	18	2.85	10	1.03	30		0.51	262	<1	0.28	34
E602681	K-08-0136	108.55	111.38	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	9	213	0.66	6	100	<0.5	4	0.18	1.6	<1	39	6	0.58	<10	0.16	10		0.05	208	<1	0.02	6
E602685	K-08-0136	114.1	116.04	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	24	139	4.36	19	570	1.2	<2	2.78	<0.5	4	84	11	2.23	10	0.97	20		0.26	360	<1	0.22	26
E602684	K-08-0136	112.38	114.1	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	15	150	4.47	26	650	1.1	3	1.84	<0.5	3	89	11	2.25	10	1.12	20		0.3	196	<1	0.21	32
E602683	K-08-0136	111.38	112.38	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	9	140	1.12	19	210	<0.5	<2	0.24	0.9	<1	41	6	0.7	<10	0.31	10		0.06	180	<1	0.04	4
E602690	K-08-0136	123	124.26	GSCH	GSCH	Non-Mineralized	N-AML	0.01	1	41	155	8.29	21	1020	1.9	2	2.73	0.7	10	154	28	5.19	20	1.3	30		0.87	304	1	0.4	56
E602699	K-08-0136	139	141.27	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.7	23	347	4.45	127	660	1	2	1.05	0.6	5	87	24	2.29	10	1.1	20		0.39	403	1	0.19	29
E602724	K-08-0136	178.05	179.22	GSCH	GSCH	Non-Mineralized	N-AML	0.01	1.1	137	2020	2.96	50	320	0.8	<2	0.16	20.6	5	57	17	2.62	10	1.04	20		0.16	4400	1	0.06	25
E602723	K-08-0136	176.34	178.05	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	1.3	93	921	4.31	29	500	1.1	<2	0.16	10	5	81	15	3.13	10	1.46	20		0.19	4310	1	0.1	28
E602722	K-08-0136	174.34	176.34	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.9	120	1345	3.71	31	410	1	<2	0.17	15.5	5	72	17	3.61	10	1.24	20		0.21	7400	<1	0.07	22
E602769	K-08-0137	97.15	97.65	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	1.6	454	3120	0.97	14	110	<0.5	<2	0.13	35.4	2	29	10	2.52	<10	0.27	10		0.17	6950	<1	0.02	8
E602765	K-08-0137	87.78	90.83	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	9	2620	1.17	9	170	<0.5	<2	1.61	6.8	7	36	5	1.04	<10	0.29	10		0.13	2260	<1	0.04	17
E602772	K-08-0137	97.95	98.73	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	5	390	1320	2.76	57	380	0.8	<2	0.13	14.6	2	57	51	1.87	10	0.9	20		0.09	2610	1	0.07	10
E602764	K-08-0137	84.73	87.78	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	9	296	2.84	10	390	0.7	<2	0.95	0.8	4	64	9	1.63	10	0.57	10		0.25	339	<1	0.08	18
E602766	K-08-0137	90.83	93.88	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	8	121	4.03	13	650	1	<2	1.48	0.6	6	73	19	2.03	10	0.86	20		0.31	331	2	0.19	27
E602767	K-08-0137	93.88	96.25	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	6	350	2.37	<5	350	0.6	<2	2.1	0.7	4	49	12	1.48	10	0.54	10		0.37	354	1	0.09	14
E602768	K-08-0137	96.25	97.15	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	72	4110	5.31	22	740	1.4	<2	2.82	14.3	8	82	16	2.11	10	1.41	30		0.42	1405	1	0.19	29
E602773	K-08-0137	98.73	99.97	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.7	45	2080	2.35	38	340	0.7	<2	0.34	13.6	5	54	21	1.67	<10	0.67	10		0.15	2340	1	0.06	17
E602774	K-08-0137	99.97	103.02	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	16	1130	2.2	24	320	0.7	<2	0.26	3.3	5	56	13	1.63	<10	0.56	10		0.15	1560	1	0.07	18
E777282	K-08-0138	80.64	82.04	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	15	119	6.62	16	830	1.7	<2	2.52	<0.5	8	89	21	3.66	10	1.25	30		0.59	250	<1	0.24	37
E777284	K-08-0138	83.1	86.12	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	22	165	5.84	27	790	1.7	<2	1.45	<0.5	9	89	32	2.89	10	1.37	30		0.48	170	3	0.3	37
E777310	K-08-0138	121.93	122.95	GSCH	GSCH	Non-Mineralized	N-AML	0.01	1	29	1420	6.82	39	950	2.1	<2	1.07	16.7	10	108	34	3.25	20	1.51	40		0.51	707	2	0.26	45
E777327	K-08-0138	146.68	147.75	GSCH	GSCH	Non-Mineralized	P-AML	0.02	2.1	129	1240	5.6	57	740	1.7	<2	0.27	19.4	8	100	21	3.17	10	1.96	30		0.25	3250	1	0.18	35
E770164	K-08-0139	128.47	129.46	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	19	630	6.34	14	930	1.9	<2	0.8	2.9	10	78	25	3.1	20	1.49	20		0.54	945	1	0.76	31
E770177	K-08-0139	142.45	145.69	GSCH	GSCH	Non-Mineralized	P-AML	0.01	1.1	110	1700	4.5	51	500	1.4	<2	0.35	11.6	6	75	17	3.08	10	1.24	20		0.29	4950	<1	0.13	28
E754218	K-08-0140	211.8	213.1	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	2	38	7.82	<5	3000	1.6	<2	1.17	<0.5	10	79	6	4.02	20	1.48	30		1.23	369	<1	0.55	15
E754217	K-08-0140	210.36	211.8	GSCH	GSCH	Mineralized	P-AML	<0.01	<0.5	<2	37	7.56	<5	3820	1.5	<2	1.36	<0.5	8	77	12	3.73	20	1.45	30		1.17	325	<1	0.52	22
E770220	K-08-0141	60.35	63.25	GSCH	GSCH	Non-Mineralized	N-AML	0.02	0.5	9	297	5.54	8	780	1.6	<2	0.08	4.8	15	86	135	3.27	10	1.42	20		0.99	349	7	0.25	49
E770221	K-08-0141	63.25	66.25	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	3	796	2.03	<5	580	<0.5	<2	2.37	5.1	6	41	22	1.54	<10	0.43	10		0.47	560	1	0.1	16
E770226	K-08-0141	73.26	75.92	GSCH	GSCH	Non-Mineralized	P-AML	0.01	<0.5	22	1005	6.12	9	920	1.7	<2	0.64	3.4	4	103	19	2.56	10	1.58	30		0.35	442	2	0.34	30
E770232	K-08-0141	88.46	90.25	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	19	2910	7.56	21	1160	2	3	1.05	21.4	9	109	25	3.97	20	1.63	30		0.52	903	2	0.28	45

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E777349	K-08-0142	4.57	6	GSCH	GSCH	Non-Mineralized	P-AML	0.02	0.6	26	167	10	31	1240	2.9	<2	0.26	0.6	11	136	26	4.74	30	1.84	40		0.41	222	1	0.34	56
E777356	K-08-0142	19.68	20.73	GSCH	GSCH	Non-Mineralized	N-AML	0.02	0.9	15	361	8.61	80	1460	2.8	<2	1.28	1.5	8	148	24	2.98	20	2.49	40		0.36	111	2	0.56	40
E777371	K-08-0142	45.82	46.93	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	<0.5	9	291	7.22	21	3090	2	<2	0.12	0.5	9	93	52	3.56	20	1.95	30		0.88	472	1	0.5	36
E777372	K-08-0142	46.93	49.49	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.5	5	152	4.32	12	2060	1.2	<2	0.28	<0.5	15	66	138	2.86	10	1.11	20		0.81	477	8	0.15	48
E777385	K-08-0142	74.72	77.18	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	12	829	2.11	12	340	0.6	<2	1.06	7.8	3	48	10	1.37	<10	0.44	10		0.27	250	<1	0.06	13
E777384	K-08-0142	72.28	74.72	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	11	176	4.53	11	760	1.2	<2	2.43	0.9	6	74	15	2.22	10	0.91	20		0.38	169	<1	0.18	27
E777382	K-08-0142	70.16	72.28	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	15	247	6.43	14	960	1.7	<2	1.61	1.2	7	96	19	2.93	20	1.25	30		0.45	196	<1	0.24	34
E777392	K-08-0142	88.8	91.1	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	20	2980	3.89	21	660	1	<2	1.93	25.7	5	69	13	1.97	10	0.99	20		0.35	641	<1	0.09	24
E777397	K-08-0142	99.57	101.6	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	0.9	29	3270	6.91	56	1010	1.9	<2	0.32	18.1	7	120	21	3.17	20	2.26	30		0.23	818	<1	0.17	30
E602824	K-08-0144	42.06	45.11	GSCH	GSCH	Non-Mineralized	N-AML	0.03	0.5	9	146	6.19	<5	350	1.6	<2	0.28	<0.5	16	91	114	3.42	20	1.76	20		1.14	469	5	0.22	70
E602826	K-08-0144	47.1	48.16	GSCH	GSCH	Mineralized	P-AML	0.01	<0.5	<2	108	6.77	15	430	<0.5	<2	6.06	<0.5	28	110	162	7.51	20	0.33	<10		3.13	1255	<1	0.38	81
E602825	K-08-0144	45.11	47.1	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	12	157	6.18	<5	370	1.6	<2	0.35	<0.5	15	100	82	3.33	20	1.66	20		1.02	445	13	0.3	77
E602822	K-08-0144	40.43	42.06	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	6	218	1.1	<5	430	<0.5	2	1.06	1	<1	37	21	0.89	<10	0.33	10		0.22	207	2	0.04	13
E770285	K-08-0145	64.08	65.36	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	<0.5	24	599	8.88	21	1400	2.6	3	0.56	1.7	7	123	21	3.62	30	1.87	30		0.45	227	<1	0.46	49
E770309	K-08-0145	94.49	95.5	GSCH	GSCH	Non-Mineralized	P-AML	0.01	<0.5	79	4090	4.69	37	640	1.4	<2	0.28	4	4	86	20	3.6	10	1.28	20		0.26	3740	1	0.08	24
E770310	K-08-0145	95.5	96.54	GSCH	GSCH	Non-Mineralized	P-AML	0.01	<0.5	113	2550	3.83	24	590	1.4	<2	0.18	8.6	3	71	18	2.46	10	1.1	20		0.18	3120	<1	0.09	17
E777419	K-08-0146	62.79	64.46	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	13	1510	3.63	7	580	0.9	<2	1.78	9.7	6	62	18	2.04	10	0.88	20		0.42	317	2	0.15	26
E777420	K-08-0146	64.46	67.13	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	12	411	3.15	12	430	0.9	<2	1.4	1.7	4	54	19	1.78	10	0.61	20		0.25	161	1	0.16	21
E777421	K-08-0146	67.13	70.13	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	15	852	5.62	10	830	1.3	3	2.09	6.8	8	86	19	3.38	10	1.02	30		0.5	291	<1	0.22	38
E777423	K-08-0146	70.13	73.22	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	23	264	6	14	1030	1.7	<2	1.32	0.7	9	89	18	2.98	10	1.39	30		0.46	250	<1	0.2	35
E777434	K-08-0146	91.81	94	GSCH	GSCH	Non-Mineralized	N-AML	0.11	9.1	239	3590	3.49	123	500	1.2	<2	0.12	35.1	2	61	41	2.98	10	1.24	20		0.14	3810	<1	0.1	11
E777465	K-08-0146	123.88	126	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	21	1360	4.88	126	650	1.2	<2	1	7.1	8	74	15	2.27	10	1.36	20		0.33	1250	1	0.19	33
E777466	K-08-0146	126	128.15	GSCH	GSCH	Non-Mineralized	N-AML	0.13	0.8	19	430	6.6	683	970	1.6	<2	1.27	2.4	10	106	18	2.94	20	1.73	30		0.47	613	<1	0.27	41
E777473	K-08-0146	138	140.45	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	17	340	5.73	48	730	1.6	<2	0.86	0.8	9	90	17	2.99	10	1.26	30		0.58	416	<1	0.24	39
E777472	K-08-0146	136	138	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	0.8	15	113	6.07	30	750	1.7	2	0.48	<0.5	8	97	20	2.64	10	1.25	30		0.43	182	<1	0.31	35
E777471	K-08-0146	134	136	GSCH	GSCH	Non-Mineralized	N-AML	0.05	1.2	24	253	6.65	381	810	1.8	<2	1.41	0.6	10	109	17	3.3	10	1.63	30		0.69	394	<1	0.33	41
E777470	K-08-0146	132.79	134	GSCH	GSCH	Non-Mineralized	P-AML	0.05	1	27	130	7.01	196	820	1.9	<2	0.57	0.6	10	114	22	2.91	10	1.76	30		0.41	154	<1	0.34	48
E602880	K-08-0147	72.54	73.97	GSCH	GSCH	Non-Mineralized	P-AML	0.02	<0.5	8	175	6.91	118	1930	2	2	0.55	<0.5	12	97	30	3.6	20	1.8	30		0.76	1125	<1	0.44	48
E602881	K-08-0147	73.97	75.35	GSCH	GSCH	Non-Mineralized	P-AML	0.01	0.6	7	619	8.78	88	3760	2.5	<2	0.27	2.3	11	118	61	4.57	20	2.32	40		1.13	850	2	0.51	53
E602894	K-08-0147	95.37	97.27	GSCH	GSCH	Non-Mineralized	N-AML	0.01	2.8	49	809	4.37	111	2730	1.3	<2	0.46	2.2	39	60	201	2.75	10	1.49	10		0.58	1750	24	0.15	113
E754308	K-08-0148	143.32	146.3	GSCH	GSCH	Non-Mineralized	N-AML	0.02	0.6	52	270	3.06	32	560	0.9	<2	0.42	2.2	5	54	10	1.63	10	0.79	20		0.27	1205	1	0.09	22
E754309	K-08-0148	146.3	149.35	GSCH	GSCH	Non-Mineralized	N-AML	0.04	1.5	348	1165	3.58	145	420	1	<2	0.2	9.7	6	61	10	3.63	10	1.15	20		0.19	7950	1	0.09	23
E754312	K-08-0148	152.4	153.06	GSCH	GSCH	Non-Mineralized	N-AML	0.02	0.7	220	634	5.42	40	680	1.4	<2	0.84	4.8	7	89	15	2.56	10	1.62	30		0.37	2940	1	0.16	30
E754311	K-08-0148	149.35	152.4	GSCH	GSCH	Non-Mineralized	N-AML	0.03	1.2	287	616	4.42	187	480	1.2	<2	0.28	4.9	6	76	12	4.43	10	1.39	20		0.25	9170	2	0.12	30
E602932	K-08-0149	37.34	38.71	GSCH	GSCH	Non-Mineralized	P-AML	0.01	0.7	21	450	5.19	141	700	1.4	<2	0.71	4.6	7	70	24	2.9	10	1.36	20		0.32	823	<1	0.14	38
E602933	K-08-0149	38.71	40.54	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.5	33	641	4.93	102	680	1.4	<2	7.54	3	8	67	19	4.71	10	1.44	20		1.24	2240	<1	0.13	35
E602930	K-08-0149	31.39	34.44	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	20	565	5.97	94	740	1.6	<2	0.48	9.4	6	77	26	3.52	10	1.25	30		0.28	578	<1	0.13	41
E602931	K-08-0149	34.44	37.34	GSCH	GSCH	Non-Mineralized	N-AML	0.2	<0.5	56	458	4.23	99	610	1.2	<2	0.89	6.3	7	56	14	2.61	10	1.09	20		0.37	1180	<1	0.12	32
E602934	K-08-0149	40.54	43.59	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	21	230	3.65	79	440	0.9	<2	1.42	1.3	6	53	18	2.99	10	0.88	20		0.36	720	1	0.08	28
E602941	K-08-0149	57	59.05	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	28	162	8.19	129	1050	2.2	<2	1.87	1.1	14	110	35	5.27	20	1.69	30		0.66	303	3	0.22	62
E602940	K-08-0149	53.95	57	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	14	6	10.05	9	1330	<0.5	<2	1.58	<0.5	<1	8	5	5	30	0.15	40		0.67	237	1	0.24	4
E602939	K-08-0149	50.9	53.95	GSCH	GSCH	Non-Mineralized	N-AML	0.05	<0.5	23	109	7.42	188	970	2	<2	2.19	0.6	10	84	22	4.3	20	1.67	30		0.72	332	1	0.24	44
E602946	K-08-0149	66.14	69.19	GSCH	GSCH	Non-Mineralized	N-AML	0.11	<0.5	23	350	8.74	216	1470	2.6	<2	1.42	1.7	15	114	24	3.89	20	2.69	30		0.46	532	<1	0.35	58
E602947	K-08-0149	69.19	72.24	GSCH	GSCH	Non-Mineralized	N-AML	0.11	<0.5	21	162	8.85	230	1480	2.4	<2	2.14	1	15	114	38	5.6	20	2.56	30		0.68	515	1	0.34	58
E602948	K-08-0149	72.24	75.29	GSCH	GSCH	Non-Mineralized	N-AML	0.14	<0.5	26	119	7.72	110	1200	2.1	<2	1.77	0.9	14	101	43	3.96	20	2.09	30		0.58	427	2	0.29	54
E602949	K-08-0149	75.29	77.65	GSCH	GSCH	Non-Mineralized	N-AML	0.03	<0.5	26	160	8.68	85	1320	2.4	<2	2.34	1.1	12	114	32	4.66	20	2.48	30		0.69	795	1	0.32	54
E602950	K-08-0149	77.65	78.13	GSCH	GSCH	Non-Mineralized	N-AML	0.04	<0.5	41	323	8.28	112	1000	2.3	<2	3.08	1.3	18	107	53	6.34	20	2.1	30		0.78	986	1	0.27	73
E602953	K-08-0149	81.95	83.77	GSCH	GSCH	Non-Mineralized	N-AML	0.07	<0.5	26	718	5.33	241	730	1.6	<2	0.89	1.2	12	76	30	2.79	10	1.43	20		0.23	867	1	0.23	40
E602952	K-08-0149	78.13	81.95	GSCH	GSCH	Non-Mineralized	N-AML	0.08	0.9	95	315	8.12	205	1140	2.1	<2	1.79	1.9	12	101	93	3.86	20	2.13	30		0.44	1225	1	0.32	47
E602945	K-08-0149	63.49	66.14	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	18	603	8.2	91	1260	1.9	<2	1.15	6.4	7	89	15	3.33	20	1.98	30		0.44	592	1	0.28	37
E770346	K-08-0150	110.33	112.66	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	15	181	4.65	9	660	1.2	<2	2.8	1	7	75	17	2.37	10	0.91	20		0.43	249	1	0.25	30
E770344	K-08-0150	108	110.33	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	11	176	2.93	<5	430	0.7	<2	2.13	0.6	5	59	12	1.52	10	0.66	10		0.28	219	1	0.14	19
E602999	K-08-0151	15.99	17.99	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	12	66	4.38	22	600	1.1	<2	2.52	<0.5	6	69	10	2.53	10	0.99	20		0.41	241	<1	0.11	23
E602997	K-08-0151	14.02	15.99	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	22	133	8.47	37	1100	2.1	<2	1.91	0.7	13	111	28	4.75	20	1.78	30		0.56	289	1	0.21	49
E602996	K-08-0151	12.01	14.02	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	13	101	5.67	37	700	1.6	<2	2.43	0.8	8	79	16	3.32	10	1.2	30		0.49	206	1	0.15	32
E602994	K-08-0151	8.18	10.09	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	11	251	3.06	28	380	0.9	2	1.57	2.3	5	54	11	2.44	10	0.65	20		0.15	288	2	0.1	19
E602993	K-08-0151	4.88	8.18	GSCH	GSCH	Non-Mineralized	N-AML	0.03	0.8	211	479	1.11	188	150	<0.5	<2	0.06	6.5	3	32	3	1.65	<10	0.32	10		0.03	1055	<1	0.03	5
E602995	K-08-0151	10.09	12.01	GSCH	GSCH	Non-Mineralized	N-AML	0.04	<0.5	18	214	7.12	48	900	1.8	3	1.25	1.6	10	91	17	3.79	20	1.37	30		0.43	219	<1	0.15	39
E603004	K-08-0151	26.21	29.26	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.5	14	153	5.63	21	790	1.5	2	1.64	2.9	6	75	17	2.9	10	1.25	20		0.55	218	<1	0.19	28
E603001	K-08-0151	19.96	21.96	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.5	20	109	9.48	33	1250	2.5	<2	0.94	<0.5	11	113	31	4.11	20	2.2	40		0.47	185	<1	0.23	51
E603002	K-08-0151	21.96	23.16	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.5	22	109	8.18	31	1050	2.1	<2	1.91	<0.5	12	96	27	4.74	20	1.71	30		0.81	273	1	0.18	50
E603003	K-08-0151	23.16	26.21	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	18	92	7.03	27	920	2	3	2.93	<0.5	9	88	21	4.11	20	1.55	30		0.85	254	<1	0.22	40
E603000	K-08-0151	17.99	19.96	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.5	20	109	7.35	33	1020	2	<2	1.26	0.7	11	95	51	3.59	20	1.66	30		0.49	195	<1	0.19	43
E603005	K-08-0151	29.26	32.26	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	23	125	8.74	38	1030	2.4	2	1.07	0.5	12	112	24	4.12	20	1.73	40		0.51	250	<1	0.25	49
E777491	K-08-0152	179.7	182.37	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	21	108	7.12	24	1090	1.8	<2	2.27	0.5	8	101	30	3.81	20	1.6	30		0.73	224	<1	0.23	45
E777492	K-08-0152	182.37	185	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	22	66	2	14	390	0.5	<2	1.64	<0.5	3	49	11	1.24	<10	0.49	10		0.23	176	<1	0.08	19
E777493	K-08-0152	185	188	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	10	150	2.7	10	480	0.7	<2	1.18	<0.5	4	56	8	1.5	10	0.69	10		0.33	212	1	0.09	16
E777494	K-08-0152	188	191	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	13	112	4.79	31	700	1.3	<2	1.66	<0.5	6	82	18	2.66	<10	1.01	20		0.47	206	1	0.2	30
E777495	K-08-0152	191	193.06	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	20	133	4.75	49	720	1.3	<2	0.94	<0.5	9	84	16	2.23	10	1.21	20		0.39	303	<1	0.16	29
E777503	K-08-0152	206.78	208.78	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.6	71	107	5.11	44	840	1.4	<2	2.13	0.9	7	90	14	2.51	10	1.36	20		0.43	885	1	0.19	28

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E777508	K-08-0152	217.43	218.2	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	3.1	722	1455	9.44	61	1460	3.3	<2	0.26	17	12	149	35	3.89	20	2.76	40		0.58	1015	1	0.26	50
E603073	K-08-0155	24.08	25.45	GSCH	GSCH	Non-Mineralized	N-AML	0.02	0.5	25	143	6.86	31	930	1.8	<2	1.88	<0.5	10	94	25	4.08	20	1.61	30		0.69	286	1	0.2	46
E603070	K-08-0155	17.98	21.03	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	27	122	9.04	35	1280	2.4	<2	1.45	<0.5	13	115	28	4.23	20	1.99	30		0.67	200	2	0.27	57
E603069	K-08-0155	14.94	17.98	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	16	87	6.02	21	740	1.5	<2	1.54	<0.5	8	82	14	3.14	10	1.15	20		0.38	275	1	0.16	36
E603068	K-08-0155	11.89	14.94	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	39	143	7.61	49	1060	2.1	<2	1.64	0.7	13	101	32	4.22	20	1.73	30		0.53	325	1	0.22	51
E603067	K-08-0155	8.84	11.89	GSCH	GSCH	Non-Mineralized	N-AML	0.01	1.1	327	545	5.02	28	680	1.4	<2	0.94	5.6	8	69	14	3.17	10	1.26	30		0.26	1375	1	0.11	32
E603066	K-08-0155	4.57	8.84	GSCH	GSCH	Non-Mineralized	N-AML	0.02	1.9	389	1220	3.95	161	460	1.1	<2	0.5	15.1	6	70	15	3.1	10	1.06	20		0.25	3440	3	0.15	23
E603071	K-08-0155	21.03	24.08	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	25	107	7.71	36	1100	2.2	<2	2.13	<0.5	10	101	20	4	20	1.75	20		0.73	245	1	0.26	49
E603087	K-08-0155	53	54.56	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	4	95	1.56	<5	430	<0.5	<2	4.69	<0.5	2	52	32	1.08	<10	0.34	10		0.47	399	4	0.11	15
E603088	K-08-0155	54.56	54.9	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	3	105	1.11	<5	520	<0.5	3	1.28	0.7	3	27	13	0.83	<10	0.34	10		0.2	576	2	0.03	13
E770429	K-08-0156	18.1	20.19	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	1	183	648	3.44	19	400	0.9	<2	0.15	6.4	4	59	17	2.74	10	0.94	20		0.09	1460	1	0.07	21
E770428	K-08-0156	15.95	18.1	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	1.2	23	466	5.78	12	760	1.5	<2	0.43	1.6	9	78	25	3.7	10	1.42	30		0.25	290	1	0.14	40
E770432	K-08-0156	26.19	29.2	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	24	189	6.34	13	840	1.7	<2	1.1	<0.5	11	83	19	3.1	20	1.33	30		0.53	224	1	0.16	40
E770436	K-08-0156	35.17	38.18	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	13	107	5.23	15	710	1.4	<2	1.16	0.8	8	69	15	2.82	10	1.11	30		0.45	210	1	0.14	33
E770434	K-08-0156	29.2	32.19	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	21	163	7.38	19	990	2	<2	1.42	0.9	11	95	21	3.84	20	1.54	30		0.55	332	1	0.2	46
E770431	K-08-0156	23.21	26.19	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	21	203	7.45	10	970	2	<2	1.13	<0.5	12	96	20	3.82	20	1.51	30		0.51	217	1	0.19	47
E770430	K-08-0156	20.19	23.21	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	22	222	6.48	11	850	1.8	<2	1.3	<0.5	9	84	25	3.21	20	1.35	30		0.51	252	1	0.19	38
E770438	K-08-0156	38.18	40.69	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	19	131	5.82	15	820	1.6	<2	1.37	1	8	85	17	2.88	10	1.35	30		0.5	236	1	0.16	36
E770435	K-08-0156	32.19	35.17	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	17	95	6.97	8	960	1.8	<2	1.27	0.7	10	89	17	3.37	20	1.34	30		0.47	191	<1	0.19	40
E770444	K-08-0156	54.66	57.66	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	16	144	6.29	18	810	1.7	3	1.33	0.6	9	83	24	3.04	10	1.28	30		0.48	283	<1	0.18	39
E770445	K-08-0156	57.66	60.64	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	55	252	4.24	24	580	1.2	<2	1.08	1.3	6	67	14	2.42	10	1.19	20		0.37	919	<1	0.11	28
E770447	K-08-0156	60.64	62.89	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.8	162	310	5.91	45	780	1.7	2	1.16	1.8	8	77	17	3.56	10	1.85	20		0.44	3330	<1	0.16	33
E770448	K-08-0156	62.89	65.1	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	20	192	9.35	22	1230	2.4	5	1.51	1.2	12	110	30	4.31	20	2.5	40		0.61	330	1	0.24	57
E770457	K-08-0156	80.84	82.55	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	1.4	161	1890	8.25	73	1010	2.4	3	0.38	11.3	8	105	25	4.65	20	2.77	40		0.37	2520	<1	0.25	36
E770458	K-08-0156	82.55	83.18	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.7	101	1970	1.41	119	180	0.5	<2	0.05	9.9	<1	39	7	2.69	<10	0.44	10		0.07	3730	<1	0.04	5
E770462	K-08-0156	84.46	85.55	GSCH	GSCH	Non-Mineralized	N-AML	0.03	7.1	456	4430	5.97	187	410	1.6	5	0.1	46.9	10	87	86	4.67	10	2.01	20		0.42	3190	17	0.1	42
E770456	K-08-0156	79.18	80.84	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	22	1440	8.68	51	1100	2.3	3	1.53	7.4	13	107	17	4.02	20	2.85	30		0.67	1320	<1	0.29	50
E770464	K-08-0156	86.06	87.06	GSCH	GSCH	Non-Mineralized	N-AML	0.01	2	315	4400	1.33	50	210	<0.5	<2	0.13	38.2	2	45	20	3.31	<10	0.38	10		0.22	7670	1	0.05	10
E770452	K-08-0156	69.43	72.24	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	2.6	653	3540	6.57	39	860	2	2	1.19	20.3	9	85	24	4.85	10	2.26	30		0.51	7100	<1	0.16	43
E770453	K-08-0156	72.24	75.29	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	29	2430	5.54	21	700	1.5	<2	1.92	4	9	76	18	3.34	10	1.77	30		0.55	1195	<1	0.17	42
E770454	K-08-0156	75.29	77.7	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	30	3350	5.62	28	730	1.5	<2	1.45	6.7	9	79	18	3.53	10	1.79	30		0.44	1615	<1	0.16	37
E603164	K-08-0157	41	42.75	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	13	116	4.05	20	510	1	3	0.98	0.5	8	65	20	2.48	10	0.82	20		0.34	178	1	0.1	26
E603163	K-08-0157	39	41	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.5	16	139	6.39	11	830	1.7	<2	2.3	0.5	10	85	17	3.8	10	1.29	30		0.69	269	<1	0.22	37
E603162	K-08-0157	36	39	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	1.2	20	265	6.67	33	890	1.8	2	2.8	1.8	9	91	24	4.01	10	1.4	30		0.85	388	<1	0.23	38
E603161	K-08-0157	33	36	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	19	278	7.3	25	990	2	3	1.31	1.3	9	95	18	3.58	20	1.54	30		0.53	328	1	0.2	41
E603160	K-08-0157	30.65	33	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	22	201	6.7	18	850	1.7	<2	1.82	0.7	11	92	18	4.23	10	1.26	30		0.66	283	<1	0.16	42
E603179	K-08-0157	65.81	68	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	46	271	5.67	22	730	1.6	<2	1.02	1.1	8	77	14	3.37	10	1.67	30		0.4	1185	<1	0.14	32
E603181	K-08-0157	70	72	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	1.6	371	787	5.77	30	760	1.6	<2	0.59	4.2	8	75	15	3.41	10	1.94	30		0.29	3670	<1	0.13	30
E603182	K-08-0157	72	74	GSCH	GSCH	Non-Mineralized	N-AML	0.01	1.8	380	2030	2.28	33	330	0.7	<2	0.21	7.6	5	60	7	3.04	10	0.84	10		0.13	7290	<1	0.05	15
E603180	K-08-0157	68	70	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	132	507	4.21	13	560	1.3	<2	0.71	3.4	5	72	13	2.76	10	1.43	20		0.27	1425	<1	0.11	22
E603183	K-08-0157	74	75.29	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	62	1390	5.37	40	570	1.4	<2	0.77	2.4	9	81	9	3.34	10	1.89	30		0.3	3480	<1	0.12	31
E603184	K-08-0157	75.29	78.33	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.6	114	839	1.77	20	210	0.6	<2	0.39	3.8	5	47	5	5.52	10	0.62	10		0.3	11800	<1	0.05	19
E603186	K-08-0157	80	81.38	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	20	417	8.36	32	1210	2.5	<2	1	1.1	13	102	21	3.82	20	2.96	30		0.38	1145	<1	0.22	49
E603185	K-08-0157	78.33	80	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	15	312	8.62	26	1270	2.6	<2	0.99	0.7	13	112	22	3.82	20	3.19	40		0.42	1150	<1	0.23	50
E603193	K-08-0157	87	88	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	23	3520	6.32	29	760	1.6	<2	2.59	26.5	16	81	16	4.7	20	2.36	30		0.83	2860	<1	0.14	56
E603192	K-08-0157	85.15	87	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.9	139	2260	8.88	55	1090	2.3	<2	1.06	23.4	11	110	25	5.12	20	3.31	40		0.48	3930	<1	0.19	42
E770499	K-08-0158	13.94	16.94	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	23	463	5.61	<5	790	1.5	<2	4.58	1.5	8	79	18	2.69	10	1.19	30		0.23	486	<1	0.2	31
E770500	K-08-0158	16.94	19.93	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	14	207	3.91	<5	550	1.1	<2	0.96	0.8	6	65	14	2	10	0.84	20		0.15	141	<1	0.13	24
E770501	K-08-0158	19.93	23.1	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.5	38	395	4.8	26	600	1.3	<2	0.73	2.3	6	67	18	3.77	10	1.06	20		0.31	463	2	0.11	29
E770502	K-08-0158	23.1	25.93	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	82	453	4.83	32	650	1.3	<2	0.55	3.6	7	69	14	2.62	10	1.36	20		0.19	1060	1	0.1	27
E770504	K-08-0158	28.93	31.94	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.5	24	142	7.28	14	970	2.1	<2	1.69	0.9	14	101	23	4.09	20	1.47	30		0.62	233	2	0.2	50
E770507	K-08-0158	34.91	36.43	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	26	141	7.19	8	970	2	<2	1.9	0.8	12	95	20	3.69	20	1.44	30		0.66	217	1	0.24	46
E770505	K-08-0158	31.94	34.91	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	25	146	6.98	19	940	1.9	<2	1.64	0.7	11	93	19	3.33	20	1.4	30		0.52	217	2	0.24	42
E770508	K-08-0158	36.43	38.1	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	26	157	5.81	21	780	1.6	<2	1.85	0.8	9	79	17	2.84	10	1.27	20		0.56	206	1	0.19	34
E770503	K-08-0158	25.93	28.93	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	27	164	7.09	17	930	1.8	<2	1.57	0.8	11	95	23	4.29	20	1.42	30		0.61	302	2	0.16	45
E770512	K-08-0158	41.4	43.26	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.9	75	377	8.1	23	1110	1.9	<2	1.2	3.1	9	130	27	3.95	20	1.98	40		0.54	1315	2	0.19	43
E770513	K-08-0158	43.26	45.12	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	18	125	7.36	12	990	2.1	<2	1.22	<0.5	10	113	23	3.73	20	1.48	30		0.4	202	1	0.18	43
E770520	K-08-0158	57.84	60.07	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	28	164	2.94	8	380	0.9	<2	1	0.5	6	53	9	2.3	<10	0.71	20		0.36	1385	<1	0.07	18
E770519	K-08-0158	56.07	57.84	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	21	122	6.62	<5	960	1.8	<2	1.23	<0.5	9	86	18	2.78	20	1.66	30		0.49	257	1	0.15	37
E770518	K-08-0158	54.22	56.07	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	20	102	5.02	12	750	1.5	<2	1.11	<0.5	8	81	15	2.16	10	1.2	30		0.35	187	1	0.14	28
E770528	K-08-0158	77.52	79.95	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	23	277	8.35	23	1110	2.2	2	1.82	1.3	14	106	23	4.22	20	1.79	30		0.69	270	<1	0.23	50
E770527	K-08-0158	75.74	77.52	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	3	512	0.81	5	120	<0.5	2	0.8	1.2	3	46	3	0.8	<10	0.25	10		0.12	265	<1	0.03	7
E770526	K-08-0158	73.12	75.74	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	20	139	8.14	19	1120	2.2	2	1.9	<0.5	13	107	24	4.22	20	1.85	30		0.7	249	<1	0.25	51
E770525	K-08-0158	70.18	73.12	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	15	89	6.57	13	780	1.7	<2	1.15	<0.5	9	95	18	3.3	10	1.26	30		0.48	209	<1	0.19	36
E770524	K-08-0158	67.92	70.18	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	13	85	2.14	10	320	0.6	<2	0.46	<0.5	4	60	4	1.1	<10	0.61	10		0.14	397	<1	0.07	13
E770523	K-08-0158	65.54	67.92	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	18	203	6.8	22	870	1.8	<2	0.94	0.7	11	99	19	3.29	20	1.45	30		0.36	238	<1	0.19	40
E770530	K-08-0158	79.95	82.96	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	18	158	4.77	16	770	1.3	<2	2.39	0.6	8	74	24	2.19	10	1.15	20		0.34	181	<1	0.17	30
E770531	K-08-0158	82.96	85.94	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	34	618	2.87	20	480	0.8	2	3.66	2.2	6	54	19	1.47	<10	0.86	10		0.34	616	<1	0.1	18
E770532	K-08-0158	85.94	88.94	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	24	1305	6.31	17	740	1.6	<2	2.54	3	11	90	20	3.61	10	1.11	30		0.71	595	<1	0.22	40
E770533	K-08-0158	88.94	91.94	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	13	212	2.33	10	310	0.7	4	2.3	0.6	4	56	6	1.69	<10	0.63	10		0.33	436	<1	0.1	16

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E770535	K-08-0158	91.94	94.92	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.5	18	377	2.94	14	390	0.8	<2	1.98	1	6	69	11	1.64	<10	0.77	20		0.27	211	<1	0.14	19
E770536	K-08-0158	94.92	96.12	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.5	18	337	5.68	25	830	1.5	2	1.7	0.8	9	84	15	2.76	10	1.47	30		0.58	227	<1	0.22	32
E770540	K-08-0158	98.5	99.78	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	138	3250	2.46	28	460	0.6	2	3.39	2.4	5	66	37	1.86	<10	0.67	20		0.32	1860	2	0.1	17
E770542	K-08-0158	100.28	100.75	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	1	340	2570	3.18	39	680	1	2	0.83	12	5	74	18	1.8	10	1.12	20		0.17	3210	2	0.13	17
E770590	K-08-0158	153.4	155.14	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.7	44	1820	8.79	19	1100	2.3	<2	0.85	7.7	13	116	24	4.73	20	1.74	40		0.68	800	<1	0.3	55
E770589	K-08-0158	151.62	153.4	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.8	17	640	8.14	19	1010	2.1	<2	1.94	2.9	12	131	31	4.55	20	1.41	30		0.67	392	<1	0.38	57
E778077	K-08-0175	29.35	32.47	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	8	1050	3.35	11	670	0.8	<2	2.12	5	3	78	14	1.8	10	0.87	20		0.26	379	<1	0.13	22
E778081	K-08-0175	36.33	38.3	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	4	183	2.57	5	490	0.6	<2	1.47	<0.5	4	60	23	1.97	10	0.58	20		0.28	187	1	0.14	16
E778085	K-08-0175	46.6	49	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	19	241	4.01	9	720	1.1	<2	2.62	0.7	3	71	15	2.05	10	0.85	20		0.33	216	1	0.17	19
E778086	K-08-0175	49	52	GSCH	GSCH	Non-Mineralized	N-AML	0.05	<0.5	14	316	5.16	10	810	1.3	<2	2.49	0.8	5	85	18	2.79	10	0.95	20		0.48	172	2	0.26	31
E778088	K-08-0175	55	57.41	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.5	11	398	6.08	10	1040	1.5	<2	1.25	1.2	5	109	16	3.23	10	1.21	30		0.53	293	<1	0.25	27
E778087	K-08-0175	52	55	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.8	18	1545	5.89	16	940	1.3	<2	1.34	8.5	6	96	20	3.37	20	1.27	30		0.52	973	1	0.18	34
E778098	K-08-0175	73.68	74.86	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	3	636	985	6.95	60	1440	1.7	<2	0.14	6.4	1	119	30	3.64	10	2.21	30		0.24	275	<1	0.24	15
E778103	K-08-0175	79.11	81.43	GSCH	GSCH	Non-Mineralized	N-AML	0.01	2.3	181	1120	6.44	292	530	2.1	3	0.15	24.9	4	97	78	7.13	10	1.7	30		0.25	5280	<1	0.18	22
E778107	K-08-0175	86.1	87.48	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	3	340	2160	8.96	66	800	3.2	3	0.23	24.4	4	122	66	5.51	10	2.57	40		0.31	4520	2	0.2	29
E778112	K-08-0175	96	98.51	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	9	1100	2.75	16	400	0.7	<2	2.17	2.3	6	71	9	2.02	10	0.61	10		0.37	1020	1	0.1	22
E778111	K-08-0175	93	96	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	13	236	8.18	13	880	2.1	2	0.93	0.5	13	120	19	4.54	10	1.26	40		0.52	396	<1	0.25	51
E778110	K-08-0175	90.22	93	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.8	15	470	5.36	18	730	1.3	3	1.53	1.2	9	85	18	2.83	10	1.33	20		0.36	780	1	0.15	34
E778156	K-08-0175	152.95	154.53	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	19	4060	6.96	22	1000	2	<2	1.4	14.7	13	100	22	3.97	20	1.81	40		0.64	1240	<1	0.3	53
E778178	K-08-0177	50	52.96	GSCH	GSCH	Non-Mineralized	P-AML	0.01	0.5	27	237	4.96	11	890	1.4	<2	0.59	<0.5	4	82	16	2.26	20	1.06	20		0.39	138	1	0.29	26
E778176	K-08-0177	47.79	50	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.6	18	192	5.89	22	910	1.6	<2	2.44	<0.5	7	92	18	3.03	20	1.14	30		0.47	188	1	0.31	34
E778180	K-08-0177	55.57	56.73	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	14	203	4.74	<5	860	1.2	<2	1.4	<0.5	6	79	16	2.22	10	0.96	30		0.42	166	1	0.36	30
E778182	K-08-0177	58.03	58.93	GSCH	GSCH	Non-Mineralized	P-AML	0.01	<0.5	14	230	6.08	<5	1130	1.7	<2	0.43	<0.5	6	103	19	3.25	20	1.3	30		0.52	207	<1	0.39	30
E778189	K-08-0177	69.88	70.49	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	9	86	7.7	14	1750	2.2	4	2.17	<0.5	14	115	26	4.48	20	2.41	30		0.89	255	<1	0.39	58
E778196	K-08-0177	80	82.05	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.5	7	315	4.76	23	890	1.1	<2	5.54	0.7	6	91	21	2.47	10	1.1	30		0.59	316	1	0.37	32
E778202	K-08-0177	92	94.26	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	0.5	99	313	6.3	41	960	1.6	4	0.75	1.9	8	110	10	4.24	10	2.21	30		0.42	4780	<1	0.25	38
E778200	K-08-0177	86.78	89	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	10	158	5.16	18	830	1.4	<2	1.83	<0.5	7	88	17	2.95	10	1.12	30		0.53	252	<1	0.35	35
E778201	K-08-0177	89	92	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	18	172	4.11	24	570	1	<2	1.21	0.8	6	79	16	2.69	10	1.22	20		0.4	533	<1	0.26	28
E778217	K-08-0177	106.53	108	GSCH	GSCH	Non-Mineralized	N-AML	0.01	<0.5	91	240	6.96	<5	190	0.5	<2	6.72	0.9	38	151	175	8.01	20	0.15	10		3.47	1505	<1	1.41	85
E778213	K-08-0177	100.28	103.33	GSCH	GSCH	Non-Mineralized	N-AML	0.02	2.2	617	2080	1.63	82	240	0.5	2	1.05	18.5	3	51	4	2.84	<10	0.58	10		0.3	7580	<1	0.04	17
E778207	K-08-0177	97.98	98.38	GSCH	GSCH	Non-Mineralized	N-AML	0.1	3.9	332	3080	7.24	373	330	3.1	4	0.28	29.4	9	92	38	10.4	20	1.25	20		0.56	11200	<1	0.33	49
E778208	K-08-0177	98.38	98.87	GSCH	GSCH	Non-Mineralized	N-AML	0.13	4.4	353	3120	7.14	378	290	3	4	0.28	29.1	8	91	39	10.9	20	1.13	20		0.58	12000	<1	0.35	49
E778228	K-08-0177	128.43	131.37	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	7	665	3.69	5	820	1.1	<2	0.6	2.8	8	66	45	2.67	10	1.29	20		0.66	787	1	0.07	36
E778244	K-08-0177	153.07	155.89	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.5	21	131	6.68	7	870	1.7	<2	2.48	0.7	11	115	22	4.02	20	1.4	40		0.7	232	1	0.19	54
E778258	K-08-0177	180.86	183.3	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.8	12	209	4.65	13	770	1.1	<2	1.7	2.3	6	84	16	2.66	10	1.17	30		0.49	534	1	0.14	28
E778263	K-08-0177	191.81	194.81	GSCH	GSCH	Non-Mineralized	N-AML	0.02	<0.5	12	56	3.74	14	580	1	2	1.3	<0.5	6	73	12	1.78	10	0.88	20		0.23	120	1	0.15	23
E778262	K-08-0177	189.3	191.81	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	8	48	4.23	10	590	1	<2	0.95	<0.5	6	79	14	2.36	10	0.91	20		0.35	193	<1	0.1	26
E778268	K-08-0177	201.2	203.56	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.8	17	103	5.52	13	800	1.4	<2	1.41	0.5	8	91	18	2.71	10	1.05	30		0.46	208	1	0.24	34
E778273	K-08-0177	208.35	210.0099	GSCH	GSCH	Non-Mineralized	N-AML	0.01	0.7	20	80	3.59	10	510	1	<2	2.14	0.6	5	74	13	1.95	10	0.86	20		0.32	127	1	0.19	24
E756862	K-10-0241	57.39	58.29	GSCH	GSCH	Non-Mineralized	N-AML	0.009	<0.5	15	204	2.64	22	590	1.2	<1	0.8	0.6	7.2	453	11.1	2.95	11	1.58	12	18	0.34	836	3.4	0.1	28.1
E756861	K-10-0241	55.84	57.39	GSCH	GSCH	Non-Mineralized	N-AML	<0.002	<0.5	20	125	4.06	12	943	1.8	<1	0.83	<0.5	7.9	523	17	2.93	17	1.85	15	72	0.37	431	3.5	0.17	38.7
E756860	K-10-0241	54.11	55.84	GSCH	GSCH	Non-Mineralized	N-AML	0.002	<0.5	18	117	4.32	10	895	1.6	<1	1.08	<0.5	8.3	440	16.9	3.12	15	1.54	15	71	0.45	431	3.5	0.15	36.7
E756879	K-10-0241	77.72	78.25	GSCH	GSCH	Non-Mineralized	N-AML	0.009	1.5	81	973	3.22	66	740	2.3	<1	0.56	15.7	5	469	12.9	2.42	24	1.57	11	9	0.24	4080	1.9	0.13	23.1
E756877	K-10-0241	76.81	77.72	GSCH	GSCH	Non-Mineralized	N-AML	0.006	2.7	211	2390	4.75	52	857	2.9	<1	0.16	12.8	5.7	344	22.1	3.7	27	2.12	8	10	0.23	9700	2.3	0.16	28.8
E756876	K-10-0241	75.08	76.81	GSCH	GSCH	Non-Mineralized	N-AML	0.043	12	237	2610	4.65	53	915	2.1	<1	0.17	66.5	6.3	244	22.4	3.78	20	2.1	10	11	0.24	11500	2.7	0.17	31
E756886	K-10-0241	86.37	87.58	GSCH	GSCH	Non-Mineralized	P-AML	0.01	3.6	515	3470	8.41	47	1230	2.5	<2	0.33	63.9	4	109	21	7.78	20	2.82	30		0.51	14750	1	0.22	23
E756948	K-10-0245	96.32	97.95	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	2.7	94	3810	4.4	124	560	1.2	3	0.1	134.5	3	87	42	3.7	10	1.62	40		0.15	7430	2	0.1	11
E757002	K-10-0248	58.08	59.7	GSCH	GSCH	Non-Mineralized	N-AML	0.004	<0.5	19	173	5.22	49	1130	2.3	<1	1.33	<0.5	10.8	289	24.5	4.51	27	2.15	10	33	0.64	451	2.5	0.3	54.6
E757001	K-10-0248	56.08	58.08	GSCH	GSCH	Non-Mineralized	N-AML	<0.002	<0.5	20	108	5.56	42	1490	3	<1	0.89	<0.5	8.8	176	20.5	3.95	28	2.48	9	59	0.52	336	1.8	0.31	53.1
E757006	K-10-0248	62.84	64.45	GSCH	GSCH	Non-Mineralized	N-AML	0.048	1.5	223	597	4.2	223	1000	2.4	<1	0.45	3.6	8.3	254	29.2	4.28	26	2.74	6	27	0.37	3890	3	0.34	48.8
E757005	K-10-0248	61.4	62.84	GSCH	GSCH	Non-Mineralized	N-AML	0.004	0.5	20	165	4.28	41	991	2.4	<1	0.85	<0.5	9.4	227	21.2	4.25	25	1.96	11	54	0.5	645	2.1	0.32	50.9
E773110	K-10-0249	114.95	117.78	GSCH	GSCH	Non-Mineralized	P-AML	0.01	2.3	235	3700	4.6	75	700	1.1	<2	0.62	38.7	7	91	11	3.15	10	1.49	30		0.29	7020	2	0.2	27
E773128	K-10-0249	134.94	136.04	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	0.9	57	3050	8.79	78	1310	3.1	<2	0.28	20.2	14	163	21	3.09	20	3.51	50		0.33	2400	1	0.35	51
E757170	K-10-0253	94.23	94.98	GSCH	GSCH	Mineralized	P-AML	0.09	4.6	130	5000	5.54	322	450	1.2	<2	0.07	163	4	110	56	4.93	10	1.68	40		0.18	5290	<1	0.13	21
E773199	K-10-0255	83.85	86.28	GSCH	GSCH	Non-Mineralized	P-AML	0.01	1	29	1920	8	46	1370	2.3	<2	0.21	63.5	2	120	25	4.33	20	2.07	30		0.38	257	2	0.18	29
E773323	K-10-0267	112.67	113.78	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	4	767	3390	9.14	85	1250	2.8	<2	0.39	26.4	10	125	33	7.56	20	3.61	40		0.54	15800	2	0.24	56
E782301	K-10-0316	19.81	20.55	GSCH	GSCH	Non-Mineralized	P-AML	0.01	7.1	776	556	8.26	77	1720	2.5	<2	0.08	21.4	5	78	103	4.77	20	2.93	30		0.38	4540	2	0.07	16
E774910	K-10-0322	152.82	154.62	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	11	171	3.85	20	640	1.1	2	0.21	1.1	7	74	17	2.83	10	0.84	30		0.27	1100	1	0.13	33
E774927	K-10-0322	176.95	178.3	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	18	133	5.51	24	1260	1.5	<2	3.96	1	7	100	17	3.01	10	1.26	30		0.47	294	2	0.27	35
E000104	K-11-0324	23.62	24.08	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	4.3	360	2720	9.09	44	1130	3	<2	0.16	43.7	5	107	49	3.43	20	3.06	50		0.31	3990	<1	0.23	25
E000022	K-11-0325	60.53	60.96	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	<0.5	46	3760	7.38	70	100	2.4	<2	0.15	50	<1	135	13	9.15	30	1.03	60		0.64	13150	1	0.47	6
E000026	K-11-0325	63.67	64.01	GSCH	GSCH	Non-Mineralized	N-AML	0.01	1.8	135	2110	4.7	332	590	1	2	0.06	53.7	1	85	80	3.55	10	1.35	30		0.12	523	1	0.12	5
E004122	K-11-0326	108.2	110.43	GSCH	GSCH	Non-Mineralized	N-AML	<0.01	0.7	18	745	8.27	17	980	2.4	<2	1.3	4.5	13	111	20	4.79	20	2.08	40		0.66	534	<1	0.29	48
E004121	K-11-0326	106.22	108.2	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	1.1	116	3880	7.46	35	1090	2.5	<2	0.56	53.7	11	111	29	4.35	20	2.97	30		0.37	3030	1	0.33	42
E004009	K-11-0327	98.26	99.58	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	1.7	215	1090	8.81	95	920	2.4	3	0.28	13.5	11	107	22	4.46	20	3.32	40		0.37	4470	1	0.18	48
E004008	K-11-0327	96.5	98.26	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	0.8	101	3340	8.38	55	930	2.6	3	0.37	38.3	12	101	31	4.9	20	2.96	40		0.45	3210	<1	0.18	43
E004014	K-11-0327	101.78	102.72	GSCH	GSCH	Non-Mineralized	P-AML	0.06	6.9	356	4030	8.93	223	1110	2.2	5	0.2	39.1	9	113	109	5.77	30	2.99	40		0.25	5870	3	0.22	41
E004011	K-11-0327	100.17	100.58	GSCH	GSCH	Non-Mineralized	P-AML	0.03	3.6	360	3580	8.35	163	840	2.2	3	0.27	36.6	14	98	49	5.7	20	2.82	40		0.26	6050	<1	0.17	49
E000007	K-11-0328	33.53	34.75	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	1.4	139	1070	5.34	47	650	1.8	<2	0.15	9.2	2	92	29	3.16	10	1.5	40		0.16	446	<1	0.13	16
E000065	K-11-0333	87.14	88	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	2.8	217	1370	9.36	120	1100	2.6	<2	0.3	11.7	13	119	25	4.64	20	3.63	50		0.35	4790	<1	0.22	50

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E000068	K-11-0333	90.32	91.5	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	1.6	113	3380	8.45	81	970	2.7	<2	0.42	25	15	110	30	4.41	20	2.76	50		0.37	3010	<1	0.26	50
E000136	K-11-0339	98.65	99.36	GSCH	GSCH	Non-Mineralized	P-AML	0.01	0.7	87	2670	11.4	66	1260	3.5	<2	0.35	16.3	14	144	14	5.1	30	3.97	50		0.41	1965	<1	0.33	55
E000139	K-11-0339	99.66	100	GSCH	GSCH	Non-Mineralized	P-AML	<0.01	1.7	330	2630	11.6	171	1280	3.1	<2	0.38	17.5	15	128	22	4.31	30	3.63	60		0.33	3720	<1	0.31	55
E770320	K-08-0145	104.3	106.07	GSCH	GSCH	Mineralized	P-AML	0.01	<0.5	87	8500	8.3	75	1240	2.5	<2	0.52	46.3	10	134	24	3.01	20	2.44	40		0.32	4370	1	0.28	35
E777306	K-08-0138	119.62	120.67	GSCH	GSCH	Mineralized	P-AML	0.01	3.4	322	12300	4.99	19	560	1.8	4	0.18	145.5	3	86	44	4.8	10	0.99	20		0.41	4560	2	0.19	28
E602770	K-08-0137	97.65	97.95	GSCH	GSCH	Mineralized	P-AML	0.06	52.4	18100	44600	1.89	57	130	0.8	<2	0.16	518	4	33	262	18.45	<10	0.39	10		0.38	56400	<1	0.06	3
E777395	K-08-0142	96.93	99.57	GSCH	GSCH	Mineralized	P-AML	0.01	1.9	83	5320	4.48	48	750	1.2	<2	0.37	45.5	8	73	16	2.44	10	1.49	20		0.2	3000	<1	0.11	26
E777435	K-08-0146	94	96.32	GSCH	GSCH	Mineralized	P-AML	0.17	9.8	333	55800	2.87	1355	260	1	<2	0.09	541	8	50	129	5.49	10	0.83	20		0.16	10650	<1	0.07	15
E770459	K-08-0156	83.18	83.4	GSCH	GSCH	Mineralized	P-AML	0.23	246	34700	134500	2.01	61	180	0.7	29	0.14	1000	11	25	758	10.45	<10	0.64	10		0.2	27300	<1	<0.01	14
E770461	K-08-0156	83.4	84.46	GSCH	GSCH	Mineralized	P-AML	0.05	23.4	542	12500	3.79	58	1280	1	2	0.1	134.5	4	32	146	5.51	10	1.33	10		0.36	8840	7	0.04	11
E770463	K-08-0156	85.55	86.06	GSCH	GSCH	Mineralized	P-AML	<0.01	2	390	22900	7.82	108	340	1.1	4	0.58	140.5	54	132	54	13.6	20	0.89	<10		2.9	11600	1	0.13	132
E770455	K-08-0156	77.7	79.18	GSCH	GSCH	Mineralized	P-AML	<0.01	<0.5	81	16100	1.76	18	350	0.5	<2	1.15	28.2	7	38	9	1.98	<10	0.53	10		0.42	4110	<1	0.07	21
E603226	K-08-0157	113.6	115	GSCH	GSCH	Mineralized	P-AML	0.01	<0.5	15	5990	3.07	46	400	0.9	<2	0.51	25.4	6	67	11	1.84	10	0.93	20		0.14	1700	<1	0.12	25
E603227	K-08-0157	115	117	GSCH	GSCH	Mineralized	P-AML	0.01	<0.5	10	5290	3.05	44	410	0.9	<2	0.72	13.1	5	68	10	1.78	10	0.98	20		0.25	1695	<1	0.11	21
E770537	K-08-0158	96.12	97.38	GSCH	GSCH	Mineralized	P-AML	<0.01	<0.5	19	8450	2.09	16	370	0.5	2	0.75	8.4	5	57	8	1.36	<10	0.65	10		0.18	907	<1	0.08	14
E770539	K-08-0158	97.38	98.5	GSCH	GSCH	Mineralized	P-AML	<0.01	0.5	17	12000	1.58	34	320	0.5	<2	0.24	6.1	4	62	16	0.96	<10	0.44	10		0.07	1580	<1	0.1	10
E770541	K-08-0158	99.78	100.28	GSCH	GSCH	Mineralized	P-AML	<0.01	1.3	567	19300	0.47	22	60	<0.5	2	2.24	38.3	4	24	17	3	<10	0.11	<10		0.66	11250	<1	0.02	10
E778153	K-08-0175	148.09	150.48	GSCH	GSCH	Mineralized	P-AML	<0.01	<0.5	9	7790	1.77	10	300	0.5	<2	3.43	25.7	8	58	7	1.32	<10	0.58	20		0.21	2200	<1	0.06	25
E778216	K-08-0177	105.68	106.53	GSCH	GSCH	Mineralized	P-AML	0.01	2.1	428	5090	1.87	10	310	0.5	<2	0.4	57	2	63	33	5.02	<10	0.54	10		0.52	13250	2	0.06	17
E778215	K-08-0177	105.38	105.68	GSCH	GSCH	Mineralized	P-AML	0.01	2.4	434	5050	1.89	10	320	0.5	3	0.37	55.8	2	61	32	5.09	<10	0.55	10		0.52	13050	2	0.06	18
E778214	K-08-0177	103.33	105.38	GSCH	GSCH	Mineralized	P-AML	0.02	2.6	826	5660	1.17	38	150	<0.5	4	0.24	31.8	3	38	11	3.84	<10	0.4	10		0.21	12200	1	0.03	15
E778211	K-08-0177	99.56	100.28	GSCH	GSCH	Mineralized	P-AML	0.07	2.4	140	25000	3.27	238	180	1.2	5	0.25	188.5	7	56	36	9.36	10	0.81	20		0.28	19350	2	0.1	25
E778209	K-08-0177	98.87	99.56	GSCH	GSCH	Mineralized	P-AML	0.08	12.4	409	141500	0.86	47	10	0.5	12	0.12	1000	10	6	271	18.25	<10	0.02	<10		0.33	49500	<1	0.05	10
E756924	K-10-0244	95.56	96.73	GSCH	GSCH	Mineralized	P-AML	0.06	8.77	326	9320	7.38	340	610	1.78	5.59	0.18	177.5	6.7	107	108.5	5.78	19.35	2.36	37.9	10.2	0.23	7280	2.03	0.2	25.6
E756926	K-10-0244	96.73	97.31	GSCH	GSCH	Mineralized	P-AML	0.38	11.65	403	16450	0.83	6690	10	0.33	13.95	0.11	295	37.9	28	152.5	14.9	4.75	0.1	14.1	3.4	0.21	34000	1.23	0.05	24.1
E757046	K-10-0248	116.59	118.24	GSCH	GSCH	Mineralized	P-AML	0.021	4	190	5550	3.67	10	307	1.4	1	0.19	42	9.7	596	51	4.63	13	1.76	10	10	0.23	7520	3.2	0.13	41.8
E757229	K-10-0254	132.03	132.29	GSCH	GSCH	Mineralized	P-AML	0.21	6.9	112	29600	3.46	760	20	1.2	5	0.22	276	2	39	103	22.4	<10	0.32	60		0.67	69900	1	0.25	6
E773305	K-10-0267	106	106.48	GSCH	GSCH	Mineralized	P-AML	0.03	10.4	812	12400	8.58	175	560	2.3	8	0.28	156.5	4	113	154	8.83	20	1.74	40		0.53	12450	<1	0.48	42
E773304	K-10-0267	104.75	106	GSCH	GSCH	Mineralized	P-AML	0.08	37.2	1125	6830	5.74	105	570	1.6	34	0.24	88.4	7	93	1485	7.11	10	1.9	30		0.33	11300	1	0.17	33
E773322	K-10-0267	112.25	112.67	GSCH	GSCH	Mineralized	P-AML	0.02	5	165	28000	3.68	117	360	1.3	3	0.11	284	8	75	142	4.7	10	1.19	20		0.25	8620	1	0.08	23
E773324	K-10-0267	113.78	114.42	GSCH	GSCH	Mineralized	P-AML	<0.01	4.1	511	6200	4.57	75	510	1.4	2	0.2	57.6	6	94	51	4.44	10	1.7	20		0.24	8360	2	0.12	35
E004072	K-11-0330	88.64	89.92	GSCH	GSCH	Mineralized	P-AML	0.22	1.9	197	5160	8.15	626	180	2.1	<2	0.81	52	16	113	23	5.25	20	3.12	30		0.47	2930	1	0.23	57
E004123	K-11-0326	110.43	111.82	GSCH	GSCH	Mineralized	P-AML	<0.01	0.5	68	5600	6.3	14	850	1.8	<2	0.85	18.9	14	89	24	4.52	20	2.15	30		0.49	2950	1	0.23	48
E004003	K-11-0327	91.44	92.1	GSCH	GSCH	Mineralized	P-AML	<0.01	3.9	152	7250	9.08	60	1040	2.3	10	0.16	110.5	8	141	104	5.05	20	2.91	50		0.24	1400	1	0.22	31
E004005	K-11-0327	92.5	92.62	GSCH	GSCH	Mineralized	P-AML	<0.01	11.9	1340	18750	9.3	60	1500	2.4	18	0.19	213	9	127	78	3.69	30	3.17	50		0.28	5910	12	0.26	40
E004015	K-11-0327	102.72	103.18	GSCH	GSCH	Mineralized	P-AML	0.11	41.1	481	69000	6.34	277	50	1.5	10	0.18	662	14	87	298	9.13	20	2.37	10		0.24	14200	<1	0.14	39
E004012	K-11-0327	100.58	101.78	GSCH	GSCH	Mineralized	P-AML	0.03	8.2	468	5910	8.63	118	870	2.7	3	0.27	56.5	11	100	89	5.28	20	2.9	40		0.28	6180	1	0.19	48
E000014	K-11-0328	39.05	39.97	GSCH	GSCH	Mineralized	P-AML	<0.01	8.7	2300	6310	5.86	561	1340	1.7	<2	0.07	76.6	4	112	56	7.61	10	2.35	40		0.22	11950	1	0.1	12
E004075	K-11-0329	70.6	71.05	GSCH	GSCH	Mineralized	P-AML	0.01	2.3	166	8790	7.08	71	1040	1.9	2	0.19	255	3	114	63	4.19	10	2.69	40		0.21	5710	1	0.2	17
E000051	K-11-0334	58.12	59.41	GSCH	GSCH	Mineralized	P-AML	0.02	2	174	17550	6.08	109	710	2.1	4	0.13	221	9	78	40	5.86	20	2.06	30		0.29	10700	<1	0.16	29
E000056	K-11-0334	65.39	67.67	GSCH	GSCH	Mineralized	P-AML	0.14	132	2230	26800	4.6	291	130	1.8	3	0.09	1000	3	63	900	8.55	20	0.47	20		0.4	15600	<1	0.28	11
E000152	K-11-0339	108.2	108.62	GSCH	GSCH	Mineralized	P-AML	0.03	6.3	1410	5230	7.46	157	400	1.8	<2	0.26	50.9	11	90	26	5.43	20	2.63	30		0.31	9330	<1	0.16	41
E756750	K-10-0239	2	3.66	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	1.7	40	2550	7.06	52	920	1.9	<2	0.51	14.9	11	102	17	3.25	20	2.48	40		0.19	1825	1	0.2	34
E756754	K-10-0239	7.51	9.75	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	1.2	128	3630	7.56	51	970	2.1	<2	0.52	35.8	7	98	18	4.21	10	2.67	40		0.2	2340	<1	0.16	29
E756756	K-10-0239	9.75	11.83	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	2.7	99	2370	6.91	95	930	1.8	<2	0.08	52.4	2	96	98	3.13	20	2.4	40		0.13	1145	<1	0.13	11
E756751	K-10-0239	3.66	5.18	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	<0.5	16	568	6.93	21	930	1.8	<2	0.77	3.8	7	93	17	3.35	10	2.33	40		0.27	327	<1	0.17	30
E756753	K-10-0239	5.18	7.51	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	0.6	29	1660	7.77	30	1020	2.1	<2	1.58	12.8	13	104	23	4.62	20	2.8	40		0.43	772	<1	0.17	46
E773716	K-10-0240	16.31	17.22	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	6.1	276	520	0.51	63	50	<0.5	8	0.02	12.6	<1	39	32	1.65	<10	0.19	10		0.01	1245	<1	0.01	3
E773714	K-10-0240	14.72	15.95	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	2.5	217	1915	10.85	107	1470	3.2	3	0.1	31.9	3	131	52	4.71	30	3.81	50		0.2	388	<1	0.23	19
E773713	K-10-0240	13.45	14.72	ICQS	ICQS	Non-Mineralized	N-AML	0.01	11.3	665	3800	6.46	400	640	1.8	9	0.05	83.7	1	91	146	7.57	20	1.73	30		0.21	370	<1	0.2	10
E773712	K-10-0240	12.8	13.45	ICQS	ICQS	Non-Mineralized	N-AML	0.03	12.6	526	3120	4.94	256	270	1.6	8	0.04	41.1	<1	68	331	9.06	20	1	40		0.22	2540	<1	0.21	4
E773715	K-10-0240	15.95	16.31	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	3.7	171	393	1.33	80	170	<0.5	<2	0.02	3.4	<1	40	15	1.58	<10	0.46	10		0.02	128	<1	0.04	4
E773706	K-10-0240	6.4	8.22	ICQS	ICQS	Non-Mineralized	N-AML	0.01	0.5	23	3360	8.02	14	1060	2.1	<2	0.93	21.3	20	95	16	3.85	20	1.97	50		0.38	1210	1	0.18	47
E773705	K-10-0240	4.1	6.4	ICQS	ICQS	Non-Mineralized	N-AML	0.01	0.7	39	1760	8.3	19	1150	2.1	<2	1.08	12.9	12	100	23	3.67	20	2.07	50		0.45	738	<1	0.21	45
E773702	K-10-0240	0	2.26	ICQS	ICQS	Non-Mineralized	P-AML	0.02	0.5	18	550	5.55	15	650	1.3	2	0.74	5.8	7	80	20	3.17	10	1.08	40		0.33	308	1	0.12	29
E773704	K-10-0240	2.26	4.1	ICQS	ICQS	Non-Mineralized	N-AML	0.01	0.7	41	1325	9.26	19	1210	2.3	<2	1.07	17.6	11	111	34	4.27	20	2.02	60		0.48	614	1	0.23	49
E756801	K-10-0240	17.22	19.1	ICQS	ICQS	Non-Mineralized	N-AML	0.03	3.6	231	1590	1.94	135	190	0.6	2	0.04	38.1	<1	59	76	3.55	10	0.63	10		0.06	5080	2	0.05	4
E756804	K-10-0240	20.72	22	ICQS	ICQS	Non-Mineralized	N-AML	0.01	3.2	299	4670	7.39	118	950	2.1	2	0.19	125.5	3	97	178	5.39	20	2.81	30		0.31	8160	1	0.15	15
E756733	K-10-0237	24.23	28.25	ICQS	ICQS	Non-Mineralized	N-AML	0.03	11	607	3740	1.97	167	250	0.6	3	0.05	36.1	<1	61	165	5.34	<10	0.51	10		0.16	8790	2	0.07	1
E756731	K-10-0237	14.64	18.9	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	3.7	452	3690	5.22	54	670	1.2	<2	0.19	42.2	3	92	18	4.97	10	1.83	30		0.2	9860	1	0.14	13
E756725	K-10-0237	4.1	5.18	ICQS	ICQS	Non-Mineralized	P-AML	0.14	8.1	499	3000	7.11	112	980	2.1	<2	0.13	46	4	99	97	4.93	10	2.42	40		0.17	4300	1	0.19	23
E756728	K-10-0237	10.3	12.46	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	1.8	156	2590	5.59	64	740	1.4	<2	0.42	23.5	9	97	22	3.06	10	1.95	40		0.19	1700	2	0.14	23
E756726	K-10-0237	5.18	7.45	ICQS	ICQS	Non-Mineralized	N-AML	0.01	1.8	123	2250	5.3	59	750	1.4	<2	0.33	18.1	8	82	13	2.9	10	1.81	30		0.16	3390	1	0.16	24
E756724	K-10-0237	2.59	4.1	ICQS	ICQS	Non-Mineralized	P-AML	0.01	5.6	724	3950	7.73	88	1090	2.1	<2	0.2	45	9	113	38	4.74	10	2.77	40		0.2	8690	2	0.21	28
E756723	K-10-0237	1.52	2.59	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	1.1	114	2280	2.65	82	310	0.7	<2	0.87	15.4	5	64	19	4.87	<10	0.95	30		0.29	3570	2	0.06	20
E756730	K-10-0237	12.46	14.64	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	8.4	195	2550	6.36	103	880	1.7	<2	0.21	30.2	6	92	34	3.94	10	2.32	40		0.16	3530	2	0.15	22
E756727	K-10-0237	7.45	10.3	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	1.6	69	2690	6.04	69	880	1.8	<2	0.36	20.2	8	94	19	3.17	10	2.25	30		0.19	2120	1	0.18	28
E756743	K-10-0237	37.53	39.97	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	1.1	28	2450	7.21	27	980	1.7	<2	0.8	30.6	7	131	18	3.92	20	1.51	40		0.41	496	<1	0.18	31
E756745	K-10-0237	39.97	41.76	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	1.5	58	2690	6.21	16	860	1.5	<2	0.46	9.9	5	119	16	3.22	20	1.33	40		0.32	679	<1	0.17	24
E756834	K-10-0241	15.11	17.37	ICQS	ICQS	Non-Mineralized	N-AML	0.004	2	526	1390	4.22	33	687	1.5	<1	0.11	15.3	4.3	271	13.5	4.59	13	1.55	11	35	0.13	6820	2	0.14	25

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E756850	K-10-0241	41.15	42.51	ICQS	ICQS	Non-Mineralized	N-AML	0.023	<0.5	33	209	3.92	18	891	1.7	<1	0.81	0.7	8.4	278	17.2	2.9	16	1.81	16	25	0.37	623	2.4	0.18	36.4
E756840	K-10-0241	23.47	25.73	ICQS	ICQS	Non-Mineralized	N-AML	0.002	0.8	14	179	4.17	9	808	1.4	<1	0.82	0.6	4.1	419	16.1	3.06	13	1.12	15	24	0.4	280	2.3	0.15	33
E756849	K-10-0241	40.16	41.15	ICQS	ICQS	Non-Mineralized	N-AML	0.003	<0.5	20	134	6.03	8	903	1.7	<1	5.15	0.5	6.1	200	16.5	5.23	17	1.64	17	52	1.43	564	2.5	0.24	37.4
E756848	K-10-0241	38.1	40.16	ICQS	ICQS	Non-Mineralized	N-AML	0.003	<0.5	17	132	4.36	9	952	1.6	<1	1.81	<0.5	8.8	421	18.5	3.46	16	1.39	15	37	0.68	351	3	0.2	41.4
E756847	K-10-0241	36.27	38.1	ICQS	ICQS	Non-Mineralized	N-AML	0.004	1.2	20	129	3.85	10	803	1.6	<1	2.92	<0.5	10.5	358	22.7	4.3	16	1.32	10	53	0.82	374	2.9	0.23	43.7
E756846	K-10-0241	33.25	36.27	ICQS	ICQS	Non-Mineralized	N-AML	0.002	<0.5	16	115	3.7	11	857	1.5	<1	0.97	<0.5	10.1	266	19.5	3.23	16	1.29	17	29	0.5	265	2.3	0.18	41.5
E756844	K-10-0241	32	33.25	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	<0.5	19	145	3.54	10	845	1.5	<1	0.7	<0.5	9.8	455	21	3.83	15	1.28	16	21	0.45	277	3.2	0.17	42.7
E756843	K-10-0241	29.95	32	ICQS	ICQS	Non-Mineralized	N-AML	0.002	<0.5	22	170	4.35	12	1040	1.8	<1	0.88	<0.5	9.5	380	19.2	3.86	20	1.61	19	69	0.47	261	2.8	0.22	47.1
E756841	K-10-0241	25.73	27.54	ICQS	ICQS	Non-Mineralized	N-AML	0.045	<0.5	19	280	4.01	10	945	1.6	<1	0.75	0.9	5.8	396	14.8	3.01	16	1.46	19	29	0.43	338	3.7	0.18	35.8
E756842	K-10-0241	27.54	29.95	ICQS	ICQS	Non-Mineralized	N-AML	0.003	<0.5	15	208	3.69	13	967	1.6	<1	0.7	<0.5	7.4	242	15.8	2.75	17	1.45	20	35	0.4	238	1.9	0.2	38.3
E756856	K-10-0241	48.62	50.94	ICQS	ICQS	Non-Mineralized	N-AML	0.019	0.7	23	207	3.05	22	957	1.8	<1	0.57	1	8.7	399	16.5	2.89	17	2.25	11	24	0.22	802	2.8	0.17	35.8
E756859	K-10-0241	52.97	54.11	ICQS	ICQS	Non-Mineralized	N-AML	0.002	<0.5	15	342	3.97	13	894	1.7	<1	0.88	0.7	5.9	625	15.6	3.11	15	2.01	9	46	0.32	675	3.8	0.15	34
E756872	K-10-0241	69.91	71.01	ICQS	ICQS	Non-Mineralized	N-AML	0.005	1.1	82	318	0.46	27	67	1.2	<1	0.26	3.8	2	462	3.4	1.12	12	0.16	7	2	0.1	2840	3.3	0.02	7.7
E756870	K-10-0241	67.31	69.91	ICQS	ICQS	Non-Mineralized	N-AML	0.005	2.6	272	2850	1.83	41	937	1.6	<1	0.11	24.1	7.4	266	21.3	3.54	17	2.23	6	10	0.2	9890	2.5	0.17	34.1
E756869	K-10-0241	65.53	67.31	ICQS	ICQS	Non-Mineralized	N-AML	0.005	2	188	1880	2.45	37	731	1.2	<1	0.19	13.2	5.2	361	17.5	4.5	12	1.8	15	7	0.26	11500	3.5	0.11	25.4
E756868	K-10-0241	64.33	65.53	ICQS	ICQS	Non-Mineralized	N-AML	0.002	0.6	28	576	2.67	26	928	1.7	<1	0.54	2.8	6.7	289	12.1	2.83	17	2.32	16	9	0.39	1960	1.9	0.16	32.4
E756885	K-10-0241	85.5	86.37	ICQS	ICQS	Non-Mineralized	N-AML	0.01	1.5	295	2760	4.68	37	580	1.3	<2	0.19	22.7	6	76	16	5.11	10	1.63	20		0.27	8220	<1	0.12	21
E756884	K-10-0241	84.12	85.5	ICQS	ICQS	Non-Mineralized	P-AML	0.01	1.7	492	4270	7.97	72	1160	2.2	2	0.21	38.8	7	112	20	6.57	20	2.79	30		0.32	9660	4	0.21	28
E756961	K-10-0245	111.85	113.34	ICQS	ICQS	Non-Mineralized	N-AML	0.004	<0.5	34	2130	4.34	5	900	1.8	<1	0.98	20.5	14.2	483	20.7	3.82	18	1.61	11	29	0.49	2000	4.2	0.27	54.5
E756962	K-10-0245	113.34	115.72	ICQS	ICQS	Non-Mineralized	N-AML	0.002	<0.5	11	4600	2.58	4	676	1	<1	1.16	10.4	10.2	402	10.4	2.29	11	1.02	9	25	0.25	2530	3.6	0.17	33.5
E773018	K-10-0247	13.85	14.61	ICQS	ICQS	Non-Mineralized	P-AML	0.01	1	22	211	4.97	30	1770	4.1	<1	0.12	0.6	4.4	650	19.1	2.92	22	2.97	17	62	0.36	79	3.8	0.3	23.5
E773050	K-10-0247	52.92	54.25	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	1.2	26	272	3.52	6	2430	1	<1	0.11	1.6	7	300	67.4	3.43	15	1.51	4	36	0.99	1040	12.2	0.26	24.6
E773051	K-10-0247	54.25	55.71	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	<0.5	5	239	5.04	4	639	1.3	<1	0.09	1.7	13.2	449	58.7	3.78	16	1.65	9	43	1.12	929	5	0.4	37.5
E773069	K-10-0247	80.22	80.89	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	0.6	25	2060	5.68	15	1440	1.8	<1	1.32	12.4	13	608	36	3.95	20	2.08	13	22	0.68	1430	4.3	0.32	53.9
E756971	K-10-0248	11.45	12.6	ICQS	ICQS	Non-Mineralized	N-AML	0.004	<0.5	75	722	1.8	14	392	0.7	<1	0.09	6.2	10.3	534	4	1.08	7	0.96	12	6	0.06	3630	5.2	0.08	15.7
E756970	K-10-0248	10	11.45	ICQS	ICQS	Non-Mineralized	N-AML	0.004	0.8	183	1010	2.74	45	492	0.9	<1	0.1	7.3	4.8	500	15	3.12	9	1.31	16	6	0.08	6600	3.6	0.08	17.1
E756968	K-10-0248	7.77	10	ICQS	ICQS	Non-Mineralized	N-AML	0.004	0.8	101	526	2.45	31	610	0.9	<1	0.11	3.1	6.3	719	13.6	3.12	9	1.13	16	13	0.09	1400	4.2	0.11	24.5
E756967	K-10-0248	5.27	7.77	ICQS	ICQS	Non-Mineralized	N-AML	0.003	0.8	14	442	2.67	17	695	1.1	<1	0.15	2.3	7.1	420	10.5	2.42	10	1.04	15	16	0.1	566	3.2	0.14	29.5
E756966	K-10-0248	3.54	5.27	ICQS	ICQS	Non-Mineralized	N-AML	0.002	<0.5	28	1140	2.7	27	779	1.1	<1	0.16	6.9	7.6	670	9.6	2.57	10	1.08	15	13	0.08	2320	4.4	0.2	28.2
E756975	K-10-0248	16.95	18.95	ICQS	ICQS	Non-Mineralized	N-AML	0.06	32.3	2420	579	3.89	78	915	1.6	<1	0.2	4.2	8.7	470	29.4	3.52	14	1.71	13	19	0.16	654	3.6	0.14	36.1
E756974	K-10-0248	15.37	16.95	ICQS	ICQS	Non-Mineralized	N-AML	0.004	<0.5	21	254	4.06	13	1060	1.9	<1	0.58	0.9	9.7	420	16	3.56	17	1.52	16	21	0.4	359	3	0.16	44.5
E756977	K-10-0248	18.95	21.2	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	<0.5	20	224	3.76	13	992	1.4	<1	0.38	1.1	10.1	334	15.8	3.32	16	1.62	12	26	0.24	358	2.5	0.18	39.8
E756981	K-10-0248	26.72	28.3	ICQS	ICQS	Non-Mineralized	N-AML	0.004	<0.5	16	90.9	4.21	11	987	1.8	<1	1.03	<0.5	6.9	283	15.3	3.27	17	1.41	12	32	0.5	325	3.1	0.21	35.2
E756980	K-10-0248	24.73	26.72	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	<0.5	16	147	4.84	10	949	1.4	<1	1.19	<0.5	9.2	373	10.2	3.57	15	1.35	17	54	0.51	363	3.1	0.21	38.4
E756979	K-10-0248	23.17	24.73	ICQS	ICQS	Non-Mineralized	N-AML	0.002	<0.5	27	292	5.14	12	1130	1.5	<1	1.62	1.1	10.7	499	15	4.32	17	1.59	16	34	0.62	480	3.3	0.22	45
E756987	K-10-0248	35.46	37.3	ICQS	ICQS	Non-Mineralized	N-AML	0.003	1.4	17	351	4.17	42	1090	2	<1	1.6	0.9	6.5	201	21.5	4.34	22	1.44	12	63	0.5	797	1.7	0.24	49.4
E756986	K-10-0248	33.47	35.46	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	2.7	11	953	2.78	38	600	1.1	<1	1.22	6.7	6.9	585	17.4	2.74	10	0.77	8	50	0.4	1420	5	0.13	33.4
E756984	K-10-0248	31.52	33.47	ICQS	ICQS	Non-Mineralized	N-AML	0.004	<0.5	30	347	4.23	18	995	1.8	<1	1.26	1.1	7.3	283	17.8	3.33	18	1.47	12	18	0.56	639	2.8	0.17	37.8
E756992	K-10-0248	42.79	44.56	ICQS	ICQS	Non-Mineralized	N-AML	0.003	<0.5	17	107	4.6	32	1010	2.1	<1	1.37	<0.5	8.7	315	18.9	4.18	22	1.55	9	52	0.51	328	2.9	0.26	46.2
E756993	K-10-0248	44.56	46.63	ICQS	ICQS	Non-Mineralized	N-AML	0.006	0.5	19	178	4.85	37	1150	2.5	<1	1.23	<0.5	9.8	308	27.7	4.73	26	1.87	7	41	0.57	390	2.5	0.24	66.2
E756999	K-10-0248	52.67	54.52	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	<0.5	18	128	5.09	39	1260	2.7	<1	1.43	<0.5	7.8	221	22.3	4.32	27	1.97	11	32	0.69	377	2.2	0.27	52.6
E756998	K-10-0248	51.13	52.67	ICQS	ICQS	Non-Mineralized	N-AML	0.006	<0.5	17	185	5.27	39	813	1.7	<1	3.87	<0.5	8.4	231	22.1	4.08	18	1.19	11	30	1.7	452	2.5	0.19	39.9
E757039	K-10-0248	109.13	110.79	ICQS	ICQS	Non-Mineralized	N-AML	0.01	1.1	68	2160	6.1	33	920	1.8	<2	1.38	24.2	10	102	22	3.88	10	2.26	30		0.58	3670	1	0.17	39
E773100	K-10-0249	6.72	7.1	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	2.1	280	1365	9.21	21	770	2.9	4	0.24	10.6	14	129	22	7.46	20	2.13	50		0.5	5050	2	0.39	53
E773101	K-10-0249	7.1	7.31	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	1.7	210	1175	7.13	21	590	2	4	0.27	13.7	9	99	14	5.68	20	1.79	40		0.6	2160	1	0.21	39
E773135	K-10-0249	141.22	142.55	ICQS	ICQS	Non-Mineralized	N-AML	0.01	0.5	15	718	4.94	14	580	1.3	<2	1.68	6.8	7	108	15	2.93	10	1.66	40		0.76	580	2	0.18	28
E773144	K-10-0250	115.84	116.82	ICQS	ICQS	Non-Mineralized	N-AML	0.01	2.9	95	1350	7.97	38	1380	2.1	<2	1.49	7.8	10	127	27	3.83	20	3.24	30		0.65	3930	1	0.23	50
E773145	K-10-0250	116.82	117.82	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	1.1	43	862	7.38	34	1230	2	2	1.63	1.7	8	114	22	3.31	10	2.93	30		0.66	1250	<1	0.2	43
E773146	K-10-0250	117.82	118.85	ICQS	ICQS	Non-Mineralized	N-AML	0.01	2	223	4390	3.49	24	630	1	<2	0.36	16.6	5	85	11	3.21	10	1.29	20		0.23	5830	2	0.12	21
E773148	K-10-0250	118.85	119.96	ICQS	ICQS	Non-Mineralized	P-AML	0.01	1.6	161	3100	5.59	43	800	1.4	<2	0.32	10.6	8	100	19	3.84	10	2.09	30		0.29	4760	1	0.17	37
E773154	K-10-0250	123.98	125.03	ICQS	ICQS	Non-Mineralized	N-AML	0.01	2.5	285	4190	5.48	52	770	1.5	<2	0.26	35.4	10	116	19	4.84	10	2.06	30		0.29	10350	1	0.13	34
E773191	K-10-0250	145.5	146.18	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	1.9	186	3320	8.45	38	580	2.2	2	0.35	33.8	3	146	13	8.94	20	2.28	40		0.7	7890	1	0.33	43
E757106	K-10-0253	5.3	6.49	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	<0.5	17	215	5.31	28	949	2.5	<1	0.18	0.8	9.8	390	12.1	2.89	16	1.42	23	54	0.21	501	2.2	0.15	36.7
E757108	K-10-0253	6.49	8.28	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	1.1	23	129	3.17	22	589	1.8	<1	0.61	0.5	10.4	462	12.4	2.49	10	0.93	17	43	0.12	473	3.4	0.12	31.2
E757109	K-10-0253	8.28	10.18	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	0.5	23	152	5.49	24	1050	2.5	<1	1.96	0.5	10.1	405	14.6	3.14	16	1.51	24	89	0.32	522	4.3	0.21	38.8
E757110	K-10-0253	10.18	12.47	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	0.6	31	158	8.05	25	1610	3.5	<1	5.73	0.5	14.3	321	20.8	5.26	24	2.16	25	124	1.12	608	2.5	0.31	69
E757111	K-10-0253	12.47	14.12	ICQS	ICQS	Non-Mineralized	N-AML	0.003	<0.5	28	155	6.36	26	1750	4.2	<1	1.31	<0.5	18.6	433	24.6	5.65	31	2.16	17	63	0.78	395	2.5	0.3	63.8
E757113	K-10-0253	14.12	16.22	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	<0.5	22	110	5.76	16	1240	3.3	<1	1.83	<0.5	11.3	364	15.7	3.47	21	1.69	20	68	0.47	334	2.4	0.19	41.5
E757114	K-10-0253	16.22	18.15	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	<0.5	29	133	8.01	18	1650	4.1	<1	1.97	<0.5	16.6	317	23	4.9	28	2.38	22	55	1.03	430	2	0.28	54.3
E757115	K-10-0253	18.15	20.59	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	<0.5	25	150	7.46	14	1500	3.8	<1	2	0.5	13.3	393	18.3	4.69	26	2.03	17	89	0.95	411	3.1	0.29	50.1
E757116	K-10-0253	20.59	22.71	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	<0.5	27	115	6.88	14	1310	3	<1	4.33	<0.5	12.8	387	21.3	4.78	20	1.84	17	84	1.31	663	3	0.27	47.5
E757118	K-10-0253	22.71	23.76	ICQS	ICQS	Non-Mineralized	N-AML	0.003	<0.5	26	143	8.02	19	1490	4	<1	3.08	0.5	14.1	358	23.4	5.41	25	2.38	20	147	1.11	718	2.8	0.28	53.3
E757162	K-10-0253	88.2	89.25	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	2.7	144	2490	5.76	487	970	1.4	4	0.08	65.5	2	112	55	3.71	10	1.86	40		0.12	743	2	0.18	11
E773616	K-10-0254	116.78	118.46	ICQS	ICQS	Non-Mineralized	P-AML	0.04	1.53	246	2310	5.26	148.5	840	1.38	0.28	0.19	23.2	8.1	85	15.2	5.1	14.4	1.82	30.6	6.9	0.27	8200	1.19	0.11	28.2
E773226	K-10-0256	102.44	103.44	ICQS	ICQS	Non-Mineralized	N-AML	0.007	0.8	112	2800	4.99	55	1080	2.6	<1	0.16	17.7	6.2	580	20	4.05	20	2.38	10	69	0.21	1480	5.6	0.22	30.9
E773245	K-10-0262	33.62	35.43	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	<0.5	16	599	2.61	13	705	1.7	<1	1.04	2.4	11.5	349	19	3.13	15	1.33	16	20	0.33	538	4	0.17	36.9
E773255	K-10-0262	47.61	49.78	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	0.7	28	4680	4.69	46	1150	1.9	<1	0.28	70.6	9.7	511	22	3.33	17	2.23	18	53	0.25	1760	4.8	0.14	35
E773254	K-10-0262	45.9	47.61	ICQS	ICQS	Non-Mineralized	N-AML	<0.002	<0.5	17	3270	3.23	17	835	1.5	<1	0.58	52.1	7.7	309	15.6	2.99	14	1.77	17	29	0.31	2010	3.3	0.13	30.2
E773861	K-10-0314	96.39	97.26	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	1.4	52	311	8.74	24	1190	2.7	2	0.2	3.9	5	114	22	4.14	20	2.19	50		0.56	369	1	0.37	43
E773863	K-10-0314	97.26	98.13	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	1.5	28	155	5.95	11	850	1.6	2	0.15	1.3	3	80	16	2.7	10	1.27	40		0.38	230	<1	0.19	32

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E000075	K-11-0331	75.11	76.5	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	7.3	286	3410	3.02	86	330	1.2	<2	0.08	20.2	2	48	92	5.45	10	0.89	30		0.15	7340	<1	0.07	11
E000077	K-11-0331	77.61	78.83	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	2	287	2600	8.43	57	1040	3.3	<2	0.94	25.4	9	106	44	5.64	20	2.65	50		0.43	4940	<1	0.17	33
E000079	K-11-0331	78.83	79.33	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	1.5	361	2100	7.35	40	1010	2.5	<2	0.19	27.4	4	91	12	2.88	20	2.46	50		0.24	3100	<1	0.19	17
E773809	K-10-0306	82.66	83.9	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	0.94	44.1	3850	6.75	29.2	1170	1.75	0.78	0.39	49.4	3	115	26.4	3.32	16.4	1.97	43.6	22.7	0.39	698	0.7	0.16	18.8
E773814	K-10-0306	87.48	88.39	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	5.66	176	4290	4.37	47.2	580	1.25	2.16	0.17	56.4	1.9	68	75.4	2.9	11.4	1.4	29.4	12.9	0.14	1580	0.77	0.11	10
E773812	K-10-0306	86.48	87.48	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	2.02	49.5	3480	6.71	43.1	1070	2.01	2.22	0.17	29.8	3.1	104	53.9	3.61	16.85	2.12	41.1	31.2	0.16	703	0.98	0.17	15.3
E773840	K-10-0306	107.5	108.34	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	1.9	83.4	960	5.22	39.4	2330	1.34	0.17	0.17	3.59	9.4	93	108	4.35	15.1	1.48	20.6	40.2	1.27	753	11.2	0.04	34
E782234	K-10-0308	111.09	113.03	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	0.86	58.2	1160	9.11	33.4	1080	4.4	0.4	0.27	12.6	15.7	131	26	4.57	29.7	2.74	48.6	48.1	0.52	580	1.07	0.22	61.5
E782235	K-10-0308	113.03	114.3	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	2.89	191.5	2030	9.8	36.3	1290	3.98	2.69	0.23	23.6	10.6	123	54.5	5.23	27.9	2.89	52	61.1	0.63	1200	1.96	0.29	59.1
E774671	K-10-0309	103.63	104.39	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	1.43	364	1350	6.36	32.4	760	1.7	0.2	0.72	12.85	6.6	107	20.1	5.96	15.65	2.21	37.7	13.4	0.53	4050	0.88	0.16	28.4
E774667	K-10-0309	97.88	99.58	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	1.3	39	2590	7.06	17.4	1030	1.95	0.23	0.94	9.38	11.1	117	29.1	3.45	18.15	1.74	44.4	27.5	0.49	1400	1.89	0.31	45.2
E774668	K-10-0309	99.58	101.21	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	0.76	27.5	919	5.33	29.3	650	1.41	0.19	0.82	4.02	8.7	74	15.4	3.13	13	1.19	34.2	12.9	0.36	797	0.78	0.12	32.2
E774669	K-10-0309	101.21	102.09	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	1.87	165.5	3150	2.5	28.1	230	0.82	0.09	0.83	21.6	7.2	53	39.1	3.15	6.56	0.48	16.9	20.8	0.34	1760	0.56	0.05	20.5
E774670	K-10-0309	102.09	103.63	ICQS	ICQS	Non-Mineralized	P-AML	<0.01	0.56	19.1	3070	5.46	19.6	780	1.58	0.17	0.71	25.8	7.9	85	21.2	2.38	13.6	1.69	35.5	20.4	0.26	2030	1.9	0.18	30
E782317	K-10-0317	85	86.68	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	2	404	730	2.75	41	300	0.7	<2	0.08	16.5	1	64	21	3.58	<10	0.74	20		0.09	4760	<1	0.07	9
E774923	K-10-0322	167.64	168.33	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	<0.5	16	138	4.19	26	800	1.1	2	1.64	1.7	7	64	9	1.98	10	0.84	30		0.25	438	1	0.19	27
E774922	K-10-0322	166.33	167.64	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	<0.5	23	135	8.24	21	1420	2.5	3	0.95	1.1	12	114	23	3.47	20	1.49	50		0.53	319	1	0.63	49
E000109	K-11-0324	28.29	29.99	ICQS	ICQS	Non-Mineralized	N-AML	0.01	3.9	146	4360	4.61	39	590	1.3	<2	0.13	58.7	3	68	26	6.53	10	1.53	30		0.11	15150	<1	0.11	9
E000123	K-11-0324	45.63	47.02	ICQS	ICQS	Non-Mineralized	N-AML	0.04	3.3	440	2850	3.27	212	830	1	2	0.15	22.2	2	78	95	4.19	<10	1.09	30		0.29	3550	<1	0.07	8
E000028	K-11-0325	65.4	67.66	ICQS	ICQS	Non-Mineralized	N-AML	0.03	14.4	878	4820	3.53	363	330	1.1	6	0.05	194	<1	62	67	4.29	10	0.87	30		0.13	2730	<1	0.11	3
E000050	K-11-0325	84.18	85.65	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	2.3	648	2310	4.58	30	1050	1.4	3	0.26	24.5	3	73	34	4.12	10	1.42	20		0.98	6370	1	0.09	21
E000049	K-11-0325	82.21	84.18	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	4.1	136	3390	3.75	86	510	1.1	3	0.09	42.3	4	59	47	2.73	10	1.23	20		0.51	2280	1	0.1	13
E000006	K-11-0328	9.54	10.44	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	3.7	354	1830	4.43	183	530	1.3	<2	0.15	45.8	5	66	52	4.14	10	1.18	30		0.15	1150	<1	0.12	15
E000009	K-11-0328	35.58	36.7	ICQS	ICQS	Non-Mineralized	N-AML	0.01	0.9	83	1010	2.86	41	390	0.8	<2	0.05	11.3	1	59	16	1.88	10	0.92	30		0.07	627	<1	0.07	6
E004040	K-11-0332	59.16	59.97	ICQS	ICQS	Non-Mineralized	P-AML	0.02	4.2	426	3170	8.18	434	1060	2.6	<2	0.08	59.6	2	119	49	4.95	20	2.86	40		0.22	1205	<1	0.23	8
E000125	K-11-0339	89.9	91.89	ICQS	ICQS	Non-Mineralized	P-AML	0.01	1.6	171	849	8.9	46	980	3	<2	0.33	5.7	15	114	27	5.11	20	3.24	50		0.52	2770	<1	0.17	51
E000157	K-11-0339	113.36	114.88	ICQS	ICQS	Non-Mineralized	N-AML	<0.01	0.6	98	881	6.59	36	890	1.6	<2	1.67	3.7	13	93	38	3.9	10	1.84	30		0.76	1900	<1	0.27	44
E773711	K-10-0240	12.19	12.8	ICQS	ICQS	Mineralized	P-AML	0.02	12.6	646	5930	5.13	901	250	1.5	15	0.08	39.4	<1	67	265	13.6	20	1.18	50		0.19	3460	<1	0.15	4
E773710	K-10-0240	10.97	12.19	ICQS	ICQS	Mineralized	P-AML	0.08	67.9	1780	33900	2.67	418	50	1.1	21	0.08	521	2	38	1065	20.6	10	0.36	40		0.18	33600	<1	0.15	7
E773709	K-10-0240	10.32	10.97	ICQS	ICQS	Mineralized	P-AML	<0.01	15.8	2030	23800	8.68	56	840	2.6	8	0.19	588	9	110	165	5.6	20	2.15	50		0.37	6210	<1	0.31	20
E773707	K-10-0240	8.22	10.32	ICQS	ICQS	Mineralized	P-AML	0.02	2	336	9480	8.28	121	1110	2.3	5	0.28	100	10	104	20	3.82	20	2.76	50		0.22	1765	<1	0.18	31
E756732	K-10-0237	18.9	24.23	ICQS	ICQS	Mineralized	P-AML	<0.01	7	960	6350	6.27	126	810	1.8	<2	0.53	73.4	4	93	43	11.8	10	2.13	30		0.57	28000	<1	0.16	21
E756746	K-10-0237	41.76	42.09	ICQS	ICQS	Mineralized	P-AML	<0.01	0.8	30	5760	5.78	13	820	1.4	<2	0.68	26.7	11	105	16	2.95	10	1.31	30		0.36	1715	<1	0.15	34
E756747	K-10-0237	42.09	44.89	ICQS	ICQS	Mineralized	P-AML	<0.01	0.7	17	6600	0.94	7	130	<0.5	<2	0.24	24.4	3	60	4	1.1	<10	0.26	10		0.1	946	2	0.03	6
E756742	K-10-0237	35.78	37.53	ICQS	ICQS	Mineralized	P-AML	<0.01	1.1	25	11500	4.49	27	690	1	<2	0.25	59.7	11	102	13	2.88	10	1.22	20		0.19	2670	1	0.11	26
E756741	K-10-0237	33.78	35.78	ICQS	ICQS	Mineralized	P-AML	<0.01	1.3	60	10650	7.25	65	1200	1.9	<2	0.44	42.9	10	112	28	4.18	20	2.42	40		0.26	2950	<1	0.19	38
E756934	K-10-0244	101.21	102.11	ICQS	ICQS	Mineralized	P-AML	0.02	6.82	778	7220	9.56	308	1080	2.58	3.36	0.2	130.5	11	135	144	6.7	25.5	2.94	48.6	18.5	0.38	6940	2.23	0.28	39
E756936	K-10-0245	82.42	83.99	ICQS	ICQS	Mineralized	P-AML	0.02	12.05	419	6960	4.49	121.5	2260	1.4	1.06	0.15	32.4	15.9	357	125.5	4.66	13	1.86	20.8	15.6	0.39	8490	26.9	0.08	47.7
E773075	K-10-0247	87.15	89.55	ICQS	ICQS	Mineralized	P-AML	<0.002	0.9	327	7320	1.87	27	417	<0.5	<1	1.53	74.5	4.1	434	7.2	2.76	<5	0.6	7	4	0.33	8550	3.6	0.05	14.4
E773076	K-10-0247	89.55	90.12	ICQS	ICQS	Mineralized	P-AML	<0.002	0.7	61	5060	4.35	19	1150	1.6	<1	0.38	61.2	7.8	478	17.5	3.04	13	1.69	7	31	0.25	3900	4.4	0.25	33.8
E773077	K-10-0247	90.12	90.59	ICQS	ICQS	Mineralized	P-AML	<0.002	1	204	6450	4.98	74	1490	1.9	<1	0.19	97.1	5.5	338	18	3.45	17	2.29	5	32	0.21	6280	3.2	0.29	28.9
E773155	K-10-0250	125.03	126.25	ICQS	ICQS	Mineralized	P-AML	<0.01	1	68	7060	5.26	52	700	1.4	2	0.27	31.1	8	108	8	8.87	10	1.92	30		0.45	15600	<1	0.12	34
E773156	K-10-0250	126.25	126.9	ICQS	ICQS	Mineralized	P-AML	0.05	6.3	453	8080	4.12	1075	460	1	6	0.22	70.3	5	95	114	7.75	10	1.16	20		0.29	13550	1	0.14	24
E773190	K-10-0250	144.64	145.5	ICQS	ICQS	Mineralized	P-AML	0.01	2.9	280	5890	9.64	71	1040	2.7	4	0.37	76	9	162	24	6.74	20	3.25	40		0.52	6240	1	0.25	51
E773193	K-10-0250	147.32	148.98	ICQS	ICQS	Mineralized	P-AML	<0.01	1.7	372	5490	5.52	31	470	1.8	3	0.28	60.4	4	114	13	5.55	20	1.63	30		0.5	6700	3	0.21	37
E773201	K-10-0255	89.6	90.36	ICQS	ICQS	Mineralized	P-AML	0.1	14.6	1035	26100	4.41	201	350	1.2	3	0.11	397	1	90	212	6.19	10	0.98	20		0.24	8450	1	0.2	8
E004062	K-11-0330	76.48	78.7	ICQS	ICQS	Mineralized	P-AML	<0.01	4.6	280	8090	5.46	72	600	1.3	<2	1.57	202	13	73	17	4.4	10	2.04	30		0.85	7690	1	0.14	36
E004065	K-11-0330	81.12	82.16	ICQS	ICQS	Mineralized	P-AML	0.03	9	460	23000	2.5	155	660	0.8	3	0.12	408	6	49	98	5.97	10	0.93	10		0.19	13700	1	0.05	11
E000076	K-11-0331	76.5	77.61	ICQS	ICQS	Mineralized	P-AML	<0.01	1.4	199	6370	8.08	35	980	2.9	<2	1.65	73.6	13	101	31	6.06	20	2.3	40		0.54	5520	<1	0.14	46
E000074	K-11-0331	74.22	75.11	ICQS	ICQS	Mineralized	P-AML	<0.01	1.3	402	6420	4.79	39	750	1.5	<2	0.38	87.7	5	83	10	3.2	10	1.69	40		0.21	5150	<1	0.12	14
E773796	K-10-0306	68.28	69.38	ICQS	ICQS	Mineralized	P-AML	0.01	0.53	29.4	5680	5.91	48.7	1020	1.79	0.21	0.24	36.4	9.8	85	24.2	3.59	15.8	1.34	34	50.5	0.68	1400	1.2	0.36	38.8
E773803	K-10-0306	76.9	78.58	ICQS	ICQS	Mineralized	P-AML	<0.01	0.68	31	6370	5.67	31.2	830	1.79	0.31	0.28	51	4.7	89	24.7	3.12	14.1	1.36	35.5	36	0.3	1310	1.6	0.22	23.6
E773810	K-10-0306	83.9	85.34	ICQS	ICQS	Mineralized	P-AML	<0.01	7.28	138	5410	4.46	41.7	570	1.02	9.97	0.17	66.6	3.2	88	46.4	4.16	11.7	1.16	33.6	32.1	0.3	1910	0.49	0.11	17.5
E773831	K-10-0306	100.45	101.2	ICQS	ICQS	Mineralized	P-AML	<0.01	2.99	295	7070	5.31	129	1220	1.63	1.44	0.11	144.5	4.2	77	64.2	3.93	14.65	2	26.2	31.6	0.31	4540	2.46	0.06	14.6
E782237	K-10-0308	114.3	114.85	ICQS	ICQS	Mineralized	P-AML	<0.01	18.25	349	12750	8.7	115.5	360	2.67	23.2	0.26	183.5	9.2	108	270	13.95	28.2	1.06	45.2	36.4	0.84	7720	0.75	0.46	51.1
E000018	K-11-0325	55.72	56.74	ICQS	ICQS	Mineralized	P-AML	<0.01	15.6	791	6630	5.34	195	640	1.3	18	0.1	90.6	<1	105	201	5.16	20	1.27	50		0.23	520	<1	0.16	7
E000040	K-11-0325	75.34	76.14	ICQS	ICQS	Mineralized	P-AML	0.03	19.2	355	13700	3.84	1250	400	1	11	0.03	211	3	65	212	3.58	10	1.37	20		0.24	1860	1	0.07	5
E000048	K-11-0325	80.3	82.21	ICQS	ICQS	Mineralized	P-AML	<0.01	13.6	261	7340	4.85	150	260	1.4	4	0.22	87.7	7	74	132	4.39	10	1.62	30		0.56	4840	1	0.14	20
E004091	K-11-0326	85.74	87	ICQS	ICQS	Mineralized	P-AML	<0.01	0.7	85	5150	6.82	30	980	2.1	2	0.54	54.2	7	89	19	3.07	20	2.22	30		0.29	1580	1	0.19	33
E004093	K-11-0326	87	87.84	ICQS	ICQS	Mineralized	P-AML	0.01	7.2	332	5970	6.77	118	1030	2.1	3	0.17	106.5	5	92	95	3.51	20	2.37	30		0.22	2710	1	0.19	18
E004096	K-11-0326	88.64	89.86	ICQS	ICQS	Mineralized	P-AML	<0.01	9.6	338	6670	4.34	261	550	1.1	5	0.13	180	4	70	149	5.41	10	1.42	20		0.14	1810	1	0.1	12
E004100	K-11-0326	93.02	93.46	ICQS	ICQS	Mineralized	P-AML	0.01	8.4	483	18650	2.34	115	320	0.7	3	0.11	361	3	51	131	4.93	10	0.81	20		0.13	12400	<1	0.07	7
E004101	K-11-0326	93.46	93.89	ICQS	ICQS	Mineralized	P-AML	<0.01	5.2	364	9790	2.32	437	260	0.8	4	0.06	367	4	52	95	2.95	10	0.68	10		0.09	3250	1	0.08	7
E004102	K-11-0326	93.89	94.96	ICQS	ICQS	Mineralized	P-AML	<0.01	2.6	212	6180	7.62	169	880	2.4	<2	0.17	132.5	3	97	46	4.63	20	2.85	40		0.24	3920	1	0.22	13
E004103	K-11-0326	94.96	95.5	ICQS	ICQS	Mineralized	P-AML	0.03	4.7	632	10250	4.35	92	520	1.3	2	0.12	220	2	66	59	4.01	10	1.53	20		0.18	7760	1	0.13	8
E000016	K-11-0328	39.97	41.15	ICQS	ICQS	Mineralized	P-AML	<0.01	6	882	7200	2.34	149	1090	0.8	<2	0.23	60.7	3	74	29	2.88	10	1.01	30		0.17	18950	2	0.03	12
E004029	K-11-0332	49.73	51.08	ICQS	ICQS	Mineralized	P-AML	<0.01	2.2	376	12000	6.3	142	740	1.8	<2	0.13	742	10	84	142	5.61	20	1.98	30		0.3	7310	<1	0.2	24
E004037	K-11-0332	56.2	57.91	ICQS	ICQS	Mineralized	P-AML	0.04	17.3	1790	12050	6.59	443	240	2.4	12	0.15	216	6	90	231	11.1	30	0.84	50		0.62	20300	<1	0.43	7
E004039	K-11-0332	57.91	59.16	ICQS	ICQS	Mineralized	P-AML	0.04	14.3	1900	9700	7.34	484	620	2.1	8	0.16	197	3	97	89	8.35	20	2.11	40		0.35	8860	<1	0.22	11
E004042	K-11-0332	60.35	61.84	ICQS	ICQS	Mineralized	P-AML	0.06	28.3	1210	12450	5.87	341	410	2	10	0.09	96	2	84	146	9.18	20	1.53	30		0.33	18050	<1	0.21	7

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E000066	K-11-0333	88	90.32	ICQS	ICQS	Mineralized	P-AML	<0.01	5.6	754	7230	3.25	63	430	0.9	<2	0.18	62.9	7	53	33	4.74	10	1.05	30		0.23	12400	<1	0.1	18
E000069	K-11-0333	91.5	92.22	ICQS	ICQS	Mineralized	P-AML	<0.01	7.6	2250	12000	3.1	27	560	0.8	<2	1.16	98.4	9	55	15	2.61	10	1.03	20		0.5	6830	<1	0.09	23
E753665	K-07-0120	198.4	200.4	PHY	PHY	Non-Mineralized		<0.01	<0.5	6	48	7.47	<5	2010	1.2	<2	2.47	<0.5	14	65	27	4.29	20	1.01	20		1.61	489	1	0.51	32
E753666	K-07-0120	200.4	202.4	PHY	PHY	Non-Mineralized		<0.01	<0.5	6	30	7.76	10	2380	1.5	<2	1.37	<0.5	9	75	1	3.48	20	1.36	20		1.13	273	2	0.69	23
E753667	K-07-0120	202.4	204.65	PHY	PHY	Non-Mineralized		<0.01	<0.5	6	44	8.06	<5	2540	1.5	<2	1.16	<0.5	7	75	4	3.78	20	1.49	30		1.21	362	1	0.62	13
E599911	K-07-0072	212	214.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	22	1.1	<5	270	<0.5	2	0.21	<0.5	1	36	8	0.51	<10	0.18	10		0.12	83	<1	0.1	10
E600058	K-07-0074	200.5	202.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	148	0.38	6	60	<0.5	2	0.03	<0.5	<1	37	2	0.34	<10	0.12	10		0.04	121	<1	0.01	4
E600061	K-07-0074	206.5	208.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	3	80	0.36	11	50	<0.5	<2	0.04	<0.5	<1	38	2	0.63	<10	0.09	10		0.04	94	<1	0.01	5
E599934	K-07-0074	30.05	32.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	16	92	5.27	16	590	1.3	<2	1.28	<0.5	9	62	20	3.3	10	0.97	20		0.5	274	1	0.13	35
E751506	K-07-0069	46.51	48.51	QTZT	QTZT	Non-Mineralized	N-AML	0.04	0.7	27	274	2.91	24	460	0.9	<2	1.44	1.1	3	59	8	1.45	10	0.82	20		0.15	696	1	0.08	14
E599928	K-07-0074	20.05	22.05	QTZT	QTZT	Non-Mineralized	N-AML	0.14	1.5	16	82	2.93	20	360	0.8	<2	0.81	<0.5	3	52	21	2.12	10	0.61	20		0.24	360	1	0.06	18
E751528	K-07-0069	81	83	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	90	0.97	5	140	<0.5	<2	1.68	<0.5	2	39	5	0.68	<10	0.27	10		0.13	106	1	0.03	3
E599841	K-07-0072	121.07	123	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	5	521	0.92	5	130	<0.5	<2	0.77	<0.5	2	34	3	0.75	<10	0.21	10		0.11	238	<1	0.03	5
E751621	K-07-0069	181.7	183.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	178	3360	0.34	129	10	<0.5	<2	0.13	29.8	1	43	15	2.03	<10	0.13	10		0.13	5740	<1	<0.01	1
E599974	K-07-0074	93.85	95.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	93	0.88	5	110	<0.5	<2	1.31	0.6	2	40	5	0.72	<10	0.24	10		0.14	89	<1	0.02	9
E599829	K-07-0072	103.47	105.47	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	6	1115	1.36	5	210	<0.5	<2	0.73	1.3	2	39	4	1.05	<10	0.31	10		0.19	430	<1	0.03	10
E751547	K-07-0069	109.6	111.6	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	5	117	1.51	8	240	<0.5	<2	1.42	<0.5	2	61	7	0.89	<10	0.41	10		0.18	147	<1	0.04	8
E599814	K-07-0072	80.03	81.99	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	108	1490	2.17	<5	370	0.7	<2	0.9	4.3	6	56	9	1.59	<10	0.63	10		0.23	1970	<1	0.08	23
E599821	K-07-0072	93.2	94.4	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	12	179	4.43	10	730	1.2	<2	1.82	<0.5	8	63	14	2.41	10	0.84	20		0.42	296	<1	0.13	29
E770065	K-08-0135	70.1	73.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	29	0.81	<5	120	<0.5	<2	1.98	<0.5	2	37	4	0.66	<10	0.2	10		0.11	90	1	0.02	8
E770066	K-08-0135	73.1	76.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	63	4.14	11	550	1.2	<2	0.92	<0.5	6	62	12	1.99	10	0.97	20		0.22	88	1	0.2	22
E770068	K-08-0135	76.1	77.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	39	0.77	<5	90	<0.5	<2	2.37	<0.5	2	36	5	0.8	<10	0.16	10		0.15	89	<1	0.02	7
E770070	K-08-0135	79.07	82.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	30	0.62	<5	80	<0.5	<2	1.95	<0.5	2	35	4	0.81	<10	0.14	10		0.11	93	<1	0.02	7
E770071	K-08-0135	82.07	84.78	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	55	1.58	8	320	<0.5	<2	3.61	<0.5	2	49	9	1.06	<10	0.43	10		0.26	133	<1	0.09	12
E770087	K-08-0135	116	118	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	708	2.01	21	350	<0.5	<2	1.33	1.3	3	46	8	1.71	<10	0.5	10		0.51	509	1	0.06	11
E770085	K-08-0135	113	116	QTZT	QTZT	Non-Mineralized	P-AML	0.03	0.9	139	877	5.02	53	780	1.5	<2	0.75	3	6	90	15	2.96	10	1.46	20		0.31	3590	1	0.21	34
E770088	K-08-0135	118	120.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	15	986	4.1	27	810	0.8	<2	0.62	2.9	4	55	22	2.58	10	0.59	20		0.41	525	2	0.22	25
E770089	K-08-0135	120.07	122.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	237	0.48	<5	130	<0.5	<2	0.21	0.6	1	35	3	0.54	<10	0.12	10		0.08	168	1	0.02	3
E770084	K-08-0135	110.35	113	QTZT	QTZT	Non-Mineralized	N-AML	0.03	1.1	236	4130	2.26	78	600	0.5	<2	2.43	6.5	2	62	8	1.95	<10	0.7	10		0.31	2900	1	0.09	18
E770091	K-08-0135	122.79	124	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	10	1150	2.38	16	420	0.6	<2	0.31	3.5	3	59	15	1.49	10	0.57	10		0.17	356	2	0.07	23
E770092	K-08-0135	124	127	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	2180	1.87	17	300	0.5	<2	0.91	7.1	4	51	8	1.57	10	0.46	10		0.19	790	1	0.04	17
E770093	K-08-0135	127	130	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	1790	1.55	10	230	<0.5	<2	1.04	5.7	2	49	6	1.41	<10	0.42	10		0.2	689	1	0.04	14
E770094	K-08-0135	130	133	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	1090	0.87	12	110	<0.5	<2	0.75	5.7	1	43	6	1.24	<10	0.22	10		0.17	734	<1	0.02	9
E770095	K-08-0135	133	136	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	14	1310	3.37	20	630	0.9	<2	2.97	1.9	4	74	10	2.13	10	0.96	20		0.48	1065	<1	0.11	21
E770098	K-08-0135	139	140.13	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2	194	723	2.43	8	400	0.9	<2	0.36	4.4	4	64	23	3.25	<10	0.84	10		0.27	5530	1	0.05	17
E770107	K-08-0135	148	149	QTZT	QTZT	Non-Mineralized	N-AML	0.03	2.6	237	3790	0.43	154	40	<0.5	<2	0.21	33.9	1	24	34	2.29	<10	0.13	10		0.1	5740	<1	0.01	5
E770108	K-08-0135	149	150	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.9	633	2760	3.8	40	510	1.1	2	0.28	17.4	5	75	18	3.97	10	1.34	20		0.23	8550	<1	0.08	28
E770109	K-08-0135	150	151	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	243	3130	0.34	9	20	<0.5	<2	0.17	31.3	<1	30	12	3.8	<10	0.13	<10		0.31	12150	<1	0.01	5
E770110	K-08-0135	151	152.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.5	198	2930	0.3	16	10	<0.5	<2	0.13	30.8	1	26	14	4.31	<10	0.12	<10		0.27	13450	<1	<0.01	4
E770118	K-08-0135	157.3	158.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.8	128	2060	3.76	82	450	0.9	2	0.2	17.8	4	64	31	4.22	10	1.16	20		0.2	7440	<1	0.08	24
E770106	K-08-0135	147	148	QTZT	QTZT	Non-Mineralized	N-AML	0.35	1.8	105	2790	0.26	2130	10	<0.5	2	0.06	21.5	5	26	25	4.29	<10	0.07	10		0.07	10850	<1	0.01	4
E770103	K-08-0135	145	146	QTZT	QTZT	Non-Mineralized	N-AML	0.03	2	109	3800	2.61	238	330	0.6	<2	0.18	35.3	4	51	36	3.21	10	0.8	10		0.18	6080	<1	0.06	17
E770120	K-08-0135	159.7	161.24	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.5	389	2470	1.89	20	260	0.6	<2	0.44	21.5	2	44	14	3.57	<10	0.63	10		0.25	10250	<1	0.05	12
E770123	K-08-0135	165	166	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	94	2030	0.48	531	50	<0.5	2	0.07	10.7	1	36	13	2.95	<10	0.19	<10		0.07	9060	<1	0.01	6
E770124	K-08-0135	166	167	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	284	1785	2.95	36	480	0.7	<2	1.93	13.2	4	58	17	3.43	10	0.91	20		0.32	6260	1	0.1	25
E770126	K-08-0135	167	168	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	37	4870	0.31	19	40	<0.5	<2	0.14	28.7	4	30	10	1.71	<10	0.12	<10		0.04	5040	<1	0.01	7
E770127	K-08-0135	168	169	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	48	2740	0.29	8	40	<0.5	<2	0.21	24.1	<1	32	10	1.53	<10	0.11	<10		0.04	3910	<1	0.01	4
E770129	K-08-0135	170	171	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	66	3160	1.27	43	180	<0.5	<2	0.08	27.7	1	46	17	1.68	<10	0.4	10		0.08	3470	<1	0.03	10
E770131	K-08-0135	171	172	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.2	60	2590	0.52	26	60	<0.5	2	0.06	29.3	1	39	23	1.46	<10	0.19	10		0.04	2900	<1	0.01	7
E770133	K-08-0135	173.07	174	QTZT	QTZT	Non-Mineralized	N-AML	0.97	18.6	454	4170	2.85	8320	230	1.3	26	0.19	34.4	20	47	58	7.92	10	0.71	30		0.29	8830	<1	0.07	31
E770216	K-08-0139	218.85	219.54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	67	0.39	12	20	<0.5	<2	0.02	0.6	1	27	4	1.49	<10	0.02	<10		0.22	94	<1	0.01	3
E770215	K-08-0139	216	218.85	QTZT	QTZT	Non-Mineralized	N-AML	0.04	2	112	901	0.44	522	100	<0.5	<2	0.02	9.6	5	25	97	0.85	<10	0.12	10		0.03	1050	<1	0.02	7
E770214	K-08-0139	214.3	216	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	23	241	0.32	64	60	<0.5	<2	0.03	1.9	1	25	13	0.34	<10	0.09	<10		0.02	271	<1	0.01	3
E770218	K-08-0139	221.7	224.94	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	14	0.79	<5	100	<0.5	<2	0.03	<0.5	1	27	4	0.52	<10	0.08	10		0.09	64	<1	0.05	5
E754141	K-08-0140	104	106	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	534	1.09	7	160	<0.5	<2	1.06	0.6	2	43	5	1	<10	0.34	10		0.18	376	1	0.02	11
E754140	K-08-0140	102	104	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	2010	1.11	<5	170	<0.5	<2	1.46	1.8	2	40	6	1.04	<10	0.34	10		0.18	744	1	0.02	11
E754142	K-08-0140	106	108	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	1000	0.91	<5	180	<0.5	<2	1.91	1	2	43	6	0.84	<10	0.28	10		0.11	451	1	0.03	11
E754143	K-08-0140	108	109.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	3120	0.48	<5	90	<0.5	<2	1.8	2.6	2	33	3	0.69	<10	0.15	10		0.06	1050	<1	0.01	7
E754146	K-08-0140	113	115	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	99	2.84	17	420	0.7	<2	1.12	<0.5	4	51	11	1.65	10	0.63	10		0.37	121	1	0.1	19
E754145	K-08-0140	109.9	113	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	19	117	4.16	9	660	1.1	<2	1.8	<0.5	5	69	19	2.41	10	0.96	20		0.45	153	1	0.13	26
E754148	K-08-0140	117	119	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	517	3.35	30	440	0.8	<2	1.2	3.1	3	65	12	2.08	10	0.7	20		0.33	282	<1	0.11	22
E754147	K-08-0140	115	117	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	264	1.1	<5	170	<0.5	<2	0.89	1.3	1	34	4	0.87	<10	0.28	10		0.25	199	<1	0.03	7
E754149	K-08-0140	119	121	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	132	2.11	7	290	0.6	<2	1.18	0.7	3	51	11	1.31	<10	0.43	10		0.25	139	1	0.1	16
E754151	K-08-0140	121	122.8	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.5	23	105	5.28	25	770	1.3	<2	3.07	0.5	6	80	21	2.67	10	1.01	20		0.48	234	2	0.31	37
E770326	K-08-0145	110.11	111.15	QTZT	QTZT	Non-Mineralized	N-AML	0.07	9	171	551	0.6	6000	20	<0.5	14	0.04	10.8	13	26	8	1.81	<10	0.1	10		0.05	1835	<1	0.03	9
E770336	K-08-0145	117.16	118.26	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	25	1120	0.51	8	20	<0.5	<2	0.06	7	1	30	3	0.84	<10	0.16	10		0.03	1430	<1	0.01	2
E770333	K-08-0145	115.21	116.17	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	66	3900	1.13	15	10	<0.5	<2	0.07	17.7	1	47	12	1.61	<10	0.11	10		0.09	2650	<1	0.08	2
E770332	K-08-0145	114.15	115.21	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	102	1720	1.72	47	10	0.8	<2	0.06	24.9	1	43	4	1.74	<10	0.09	10		0.18	1300	<1	0.13	1
E770331	K-08-0145	113.15	114.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	68	2070	3.53	177	10	1.6	<2	0.11	49.1	1	65	9	2.75	10	0.02	10		0.37	1330	<1	0.28	6
E770325	K-08-0145	109.14	110.11	QTZT	QTZT	Non-Mineralized	N-AML	0.56	6.6	138	1640	1.09	2230	60	<0.5	<2	0.06	32.7	4	29	38	2.51	<10	0.21	10		0.08	2320	<1	0.05	7

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E770324	K-08-0145	108.15	109.14	QTZT	QTZT	Non-Mineralized	N-AML	0.05	2.1	82	4670	0.69	739	70	<0.5	<2	0.04	31.1	1	21	25	1.69	<10	0.18	10		0.03	1745	<1	0.01	6
C467988	K-07-0069	19.71	21.71	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	32	1.12	8	120	<0.5	<2	0.63	<0.5	3	39	16	1.24	10	0.21	10		0.14	135	<1	0.03	12
C467998	K-07-0069	35.66	36.18	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	22	1.15	5	140	<0.5	<2	1.54	<0.5	3	33	5	1.46	<10	0.24	10		0.27	133	<1	0.04	9
C467997	K-07-0069	33.66	35.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	53	3.17	11	410	0.9	<2	2.35	<0.5	5	56	11	2.31	10	0.67	20		0.35	177	1	0.12	23
C467995	K-07-0069	31.66	33.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	49	3.53	21	460	1	<2	1.51	<0.5	10	57	19	1.96	10	0.78	20		0.27	160	<1	0.11	28
C467994	K-07-0069	29.66	31.66	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	55	4.33	6	560	1.2	<2	0.96	<0.5	6	60	15	2.31	10	0.9	20		0.33	129	<1	0.14	26
C467993	K-07-0069	27.66	29.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	90	6.41	9	700	1.7	<2	0.85	<0.5	9	75	17	3.2	20	1.21	30		0.35	189	<1	0.17	36
C467992	K-07-0069	25.66	27.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	11	53	3.33	7	380	0.9	<2	1.24	<0.5	6	50	18	2.37	<10	0.66	20		0.31	176	1	0.09	22
C467989	K-07-0069	21.71	23.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	18	63	4.08	19	510	1.2	<2	0.85	<0.5	6	55	16	2.42	10	0.92	20		0.31	274	<1	0.12	23
C467983	K-07-0069	11.74	13.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	45	3.58	7	430	1	<2	1.01	<0.5	6	54	14	2.17	10	0.7	20		0.22	137	<1	0.1	21
C467987	K-07-0069	17.69	19.71	QTZT	QTZT	Non-Mineralized	N-AML	0.13	<0.5	14	71	3.66	30	460	1.1	<2	0.61	<0.5	7	60	19	2.75	10	0.76	20		0.24	217	<1	0.08	24
C467984	K-07-0069	13.7	17.69	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	26	1.22	6	150	<0.5	<2	0.66	<0.5	3	38	6	1.43	10	0.23	10		0.12	136	<1	0.03	11
C467982	K-07-0069	9.74	11.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	24	1.69	13	220	0.5	<2	0.74	<0.5	3	38	9	1.47	<10	0.35	10		0.17	110	<1	0.05	10
C467990	K-07-0069	23.66	25.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	39	2.58	17	350	0.7	<2	1.37	<0.5	4	53	18	2.06	<10	0.57	10		0.27	174	<1	0.08	17
E751503	K-07-0069	42.49	44.49	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	21	99	5.12	13	610	1.4	<2	1.52	<0.5	8	65	15	2.91	10	1.07	20		0.54	393	1	0.12	32
E751504	K-07-0069	44.49	46.51	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	58	200	2.98	15	350	0.8	<2	1.55	1.2	4	48	9	1.82	10	0.65	20		0.3	703	1	0.06	18
E751507	K-07-0069	48.51	50.51	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	31	357	1.13	10	150	<0.5	<2	1.87	1.6	3	39	4	0.88	<10	0.37	10		0.12	836	<1	0.02	11
E751508	K-07-0069	50.51	51.58	QTZT	QTZT	Non-Mineralized	P-AML	0.02	0.9	104	1165	6.89	72	930	1.9	<2	0.4	5.5	10	77	15	3.05	20	1.67	30		0.23	1915	1	0.26	34
E751509	K-07-0069	51.58	53.58	QTZT	QTZT	Non-Mineralized	N-AML	0.02	3.7	818	1255	1	81	150	<0.5	<2	0.07	15.3	3	38	25	1.79	<10	0.28	10		0.04	3600	1	0.02	6
E751510	K-07-0069	53.58	55.58	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.7	293	843	1.44	133	460	<0.5	2	0.06	9	3	38	19	2.27	<10	0.46	10		0.06	2520	1	0.05	6
E751512	K-07-0069	55.58	57.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.7	168	561	0.7	30	130	<0.5	<2	0.07	9.4	3	31	30	0.94	<10	0.18	10		0.03	1735	<1	0.06	7
E751513	K-07-0069	57.07	58.6	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	32	336	0.54	28	120	<0.5	<2	0.05	2.1	2	28	9	1.15	<10	0.18	10		0.02	934	1	0.02	3
E751514	K-07-0069	58.6	60.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.3	37	800	1.02	31	430	<0.5	<2	0.18	8.2	4	35	14	1.34	<10	0.35	10		0.08	1450	1	0.03	11
E751534	K-07-0069	90.18	91.34	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	105	2.64	9	430	0.6	<2	2.99	<0.5	5	41	13	1.53	<10	0.55	20		0.32	162	<1	0.09	18
E751533	K-07-0069	89.01	90.18	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	43	1.19	<5	220	<0.5	<2	2.18	<0.5	3	34	5	0.81	<10	0.28	10		0.17	109	<1	0.04	9
E751525	K-07-0069	74.98	76.98	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	29	941	0.65	8	70	<0.5	<2	0.07	10.1	2	51	4	1.18	<10	0.21	10		0.06	2090	1	0.01	5
E751526	K-07-0069	76.98	78.98	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	42	967	1.11	<5	170	<0.5	<2	6.14	6.5	4	29	5	0.93	<10	0.33	10		0.18	873	1	0.04	13
E751527	K-07-0069	78.98	81	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	0.6	13	295	5.92	<5	800	1.8	<2	0.74	1	8	82	19	3.01	10	1.4	30		0.4	189	4	0.29	32
E751530	K-07-0069	83	84.98	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	18	106	1.61	<5	220	<0.5	<2	0.55	<0.5	3	46	10	1.12	<10	0.42	10		0.17	383	1	0.04	10
E751531	K-07-0069	84.98	87	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	76	2.13	<5	300	0.5	<2	1.79	<0.5	4	50	10	1.18	<10	0.58	10		0.24	100	1	0.06	13
E751532	K-07-0069	87	89.01	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	10	97	4.23	10	680	1	<2	2.8	<0.5	6	61	14	2.11	10	0.93	20		0.44	137	1	0.14	23
E751551	K-07-0069	114.48	116.48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.6	7	2050	1.27	<5	280	<0.5	<2	2.42	0.7	2	52	17	0.82	<10	0.4	10		0.15	611	<1	0.04	7
E751566	K-07-0069	136.46	137.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	46	398	3.68	22	590	0.9	<2	1.42	0.6	4	73	16	2.3	10	1.21	20		0.41	1220	1	0.17	27
E751540	K-07-0069	97.61	99.61	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	40	1.03	8	180	<0.5	<2	1.88	<0.5	3	37	7	1	<10	0.22	10		0.17	122	<1	0.02	11
E751541	K-07-0069	99.61	101.61	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	3	54	1.38	<5	240	<0.5	<2	0.94	<0.5	1	46	6	0.83	<10	0.31	10		0.15	82	<1	0.03	8
E751542	K-07-0069	101.61	103.62	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	95	2.83	<5	570	0.7	<2	4.53	<0.5	4	56	15	1.46	10	0.68	10		0.38	133	<1	0.13	16
E751544	K-07-0069	103.62	105.6	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	70	2.03	<5	400	0.5	<2	3.47	<0.5	3	49	9	1.23	<10	0.46	10		0.26	136	<1	0.09	12
E751545	K-07-0069	105.6	107.6	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	14	263	5.91	11	940	1.6	<2	1.5	<0.5	7	86	14	2.54	10	1.31	30		0.42	182	<1	0.15	32
E751546	K-07-0069	107.6	109.6	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	7	68	1.7	8	260	<0.5	<2	1.63	<0.5	3	55	6	1.2	<10	0.4	10		0.22	90	<1	0.04	13
E751550	K-07-0069	113.6	114.48	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2	10	89	1.84	7	370	0.5	<2	2.53	<0.5	2	60	19	1.13	<10	0.54	10		0.29	126	<1	0.06	12
E751552	K-07-0069	116.48	118.48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	7	4070	3.64	6	600	0.9	<2	2.91	3	6	73	14	1.95	10	0.83	20		0.41	995	<1	0.11	23
E751553	K-07-0069	118.48	120.48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	126	3.97	6	610	1	<2	1.25	<0.5	7	70	14	1.89	10	0.83	20		0.33	127	<1	0.13	26
E751554	K-07-0069	120.48	122.48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	176	4.64	7	630	1.2	<2	0.99	<0.5	6	80	12	2.18	10	0.86	20		0.44	219	<1	0.15	25
E751556	K-07-0069	122.48	124.48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	82	3.25	8	460	0.8	<2	0.49	<0.5	4	69	10	1.61	<10	0.61	20		0.27	120	<1	0.1	16
E751558	K-07-0069	126.48	128.48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	1650	1.76	10	250	<0.5	<2	0.76	<0.5	4	49	8	1.16	<10	0.37	10		0.26	505	<1	0.05	6
E751559	K-07-0069	128.48	130.46	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	728	1.33	<5	190	<0.5	<2	0.36	0.8	2	46	4	0.73	<10	0.33	10		0.11	236	<1	0.05	8
E751560	K-07-0069	130.46	131.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	439	1.16	<5	140	<0.5	<2	0.88	<0.5	1	43	3	1	<10	0.29	10		0.25	599	<1	0.03	7
E751561	K-07-0069	131.46	132.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	230	1.04	13	140	<0.5	2	0.31	<0.5	2	50	5	0.71	<10	0.31	10		0.07	231	<1	0.03	6
E751562	K-07-0069	132.46	134.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	808	1.61	7	230	<0.5	2	0.57	1.2	3	56	8	0.98	10	0.51	10		0.21	299	<1	0.06	10
E751563	K-07-0069	134.46	135.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	122	2020	2.44	18	400	0.6	<2	0.83	8.8	3	66	7	1.65	<10	0.87	10		0.31	2290	1	0.08	11
E751548	K-07-0069	111.6	113.6	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	3	166	1.62	<5	220	<0.5	<2	1.01	<0.5	3	46	5	1.01	<10	0.36	10		0.19	170	<1	0.03	10
E751567	K-07-0069	137.46	138.46	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	23	1550	3.59	27	490	0.9	<2	1.78	3.9	4	73	17	2.17	10	1.08	20		0.3	950	1	0.17	24
E751619	K-07-0069	177.7	179.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	55	1700	0.5	78	50	<0.5	<2	0.08	14.5	2	43	16	1.14	<10	0.17	10		0.04	951	<1	0.01	6
E751564	K-07-0069	135.46	136.46	QTZT	QTZT	Non-Mineralized	N-AML	0.01	4.8	196	3840	2.32	38	350	0.6	<2	0.26	13.7	3	65	12	2.3	<10	0.82	10		0.16	5200	<1	0.08	19
E751609	K-07-0069	167.2	167.7	QTZT	QTZT	Non-Mineralized	N-AML	0.04	2.5	180	3550	0.35	193	30	<0.5	<2	0.09	30	1	36	17	2.82	<10	0.11	10		0.09	6920	<1	0.01	2
E751610	K-07-0069	167.7	168.7	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.9	506	3170	0.63	38	50	<0.5	<2	0.16	26.6	1	43	8	2.6	<10	0.21	10		0.18	8510	<1	0.01	5
E751612	K-07-0069	168.7	169.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	190	1930	0.55	19	50	<0.5	<2	0.22	17.6	<1	34	8	1.13	<10	0.19	10		0.1	2350	<1	0.01	6
E751613	K-07-0069	169.7	170.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	13	382	0.45	<5	50	<0.5	<2	0.42	2.6	<1	26	2	0.78	<10	0.13	10		0.2	489	<1	0.01	2
E751614	K-07-0069	170.7	171.7	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	1.3	50	1380	6.16	32	690	1.3	<2	0.48	3.4	10	87	12	5.86	10	1.91	30		0.59	8040	<1	0.18	37
E751615	K-07-0069	171.7	173.69	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	69	1430	1.75	24	160	<0.5	<2	1.44	7.8	3	48	9	2.07	<10	0.52	10		0.55	1895	<1	0.06	10
E751620	K-07-0069	179.7	181.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	19	732	0.67	18	100	<0.5	<2	0.07	4.4	1	41	6	0.87	<10	0.23	10		0.04	1180	<1	0.01	4
E751622	K-07-0069	183.7	185.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	185	1870	0.5	185	40	<0.5	<2	0.05	17.2	1	40	14	1.41	<10	0.15	10		0.08	2160	<1	0.01	6
E751623	K-07-0069	185.7	187.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	126	859	1.01	137	130	<0.5	<2	0.05	7.7	2	38	10	1.04	<10	0.36	10		0.04	1050	<1	0.02	7
E751624	K-07-0069	187.7	189.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	16	359	1.22	15	170	<0.5	<2	0.14	1.8	2	35	6	0.81	<10	0.4	10		0.1	265	<1	0.02	7
E751626	K-07-0069	189.7	191.7	QTZT	QTZT	Non-Mineralized	N-AML	0.04	<0.5	31	518	1.26	61	180	<0.5	<2	0.09	3.5	3	43	14	1.98	<10	0.39	10		0.11	462	<1	0.02	12
E751627	K-07-0069	191.7	193.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	119	2.65	7	400	0.7	<2	0.35	<0.5	3	48	5	1.38	10	0.67	20		0.28	259	<1	0.08	12
E751628	K-07-0069	193.7	195.71	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	25	96	2.06	5	250	0.6	<2	0.17	<0.5	4	47	11	1.4	10	0.49	10		0.18	285	<1	0.07	14
E751630	K-07-0069	197.71	199.7	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	1	60	270	6.35	39	850	1.9	<2	0.26	2	12	81	32	4.34	20	1.56	30		0.5	420	<1	0.22	37
E751632	K-07-0069	199.7	201.1	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	<0.5	11	95	6.8	7	2190	2.4	<2	0.42	<0.5	11	102	51	3.28	20	2.11	40		0.76	254	<1	0.11	42
E751616	K-07-0069	173.69	175.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	37	1030	2.66	143	360	0.6	<2	0.11	7.5	5	60	16	1.95	10	0.91	10		0.09	957	<1	0.06	18

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E751583	K-07-0069	151.49	152.49	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	34	229	0.34	9	50	<0.5	<2	0.03	2.3	<1	33	1	0.71	<10	0.12	<10		0.01	1000	<1	0.01	5
E751568	K-07-0069	138.46	139.46	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	13	2120	2.6	14	390	0.6	<2	1.53	4.8	3	79	9	1.49	10	0.75	20		0.19	729	1	0.1	14
E751569	K-07-0069	139.46	140.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	49	680	4.22	12	580	1.1	<2	2.32	2.6	5	99	13	2.68	10	1.25	20		0.43	1590	2	0.16	26
E751570	K-07-0069	140.46	141.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	48	1350	1.45	23	190	<0.5	<2	0.26	20.7	3	74	6	1.31	<10	0.46	10		0.12	2240	1	0.08	7
E751572	K-07-0069	141.46	142.46	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	26	398	0.81	14	110	<0.5	<2	0.14	4.2	2	65	8	0.72	<10	0.28	10		0.04	696	1	0.02	7
E751573	K-07-0069	142.46	143.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	77	556	0.44	<5	60	<0.5	<2	0.15	4.4	2	60	6	0.8	<10	0.16	10		0.04	985	1	0.01	4
E751574	K-07-0069	143.46	144.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	97	2740	2.87	79	430	0.7	<2	0.13	40.4	6	91	8	2.1	10	0.92	20		0.11	2960	<1	0.07	18
E751575	K-07-0069	144.46	145.44	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	37	3300	0.34	<5	60	<0.5	<2	0.05	25.4	2	60	10	2.42	<10	0.12	<10		0.06	7780	2	0.02	3
E751576	K-07-0069	145.44	146.44	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.5	245	2340	3.2	28	450	0.9	<2	0.24	22.3	2	92	10	4.73	10	1.08	20		0.19	12000	<1	0.13	17
E751578	K-07-0069	146.44	147.44	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	97	1550	4.15	16	570	1.1	<2	1.98	3.3	6	97	15	2.54	10	1.31	20		0.56	2030	<1	0.16	28
E751579	K-07-0069	147.44	148.44	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.9	631	2100	2.2	14	260	0.6	2	0.68	18.2	3	82	17	4.07	<10	0.72	10		0.37	8900	<1	0.08	12
E751580	K-07-0069	148.44	149.44	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.1	62	739	4.88	36	440	1.5	<2	0.41	7	6	99	20	3.11	10	1.4	20		0.23	2140	<1	0.17	27
E751582	K-07-0069	150.49	151.49	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	41	2540	0.94	<5	120	<0.5	<2	0.75	21	2	43	3	1.23	<10	0.34	10		0.09	2550	<1	0.03	8
E751585	K-07-0069	152.49	153.49	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	18	240	0.33	15	40	<0.5	<2	0.05	4.5	<1	40	3	0.94	<10	0.12	<10		0.01	1060	1	0.01	5
E751586	K-07-0069	153.49	154.49	QTZT	QTZT	Non-Mineralized	N-AML	0.14	0.6	19	357	1.29	<5	210	<0.5	<2	0.05	5.1	2	42	3	0.88	<10	0.51	10		0.03	1120	<1	0.03	7
E751587	K-07-0069	154.49	155.49	QTZT	QTZT	Non-Mineralized	N-AML	0.07	0.5	44	156	0.44	13	60	<0.5	<2	0.05	1.3	1	41	6	1.87	<10	0.17	<10		0.05	4390	1	0.01	2
E751591	K-07-0069	157.37	158.37	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	95	1800	2.62	14	370	0.7	2	0.2	12.9	5	57	10	5.05	<10	0.91	10		0.21	15800	1	0.08	17
E751592	K-07-0069	158.37	159.37	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	43	1020	1.28	12	190	<0.5	<2	0.14	7.3	3	42	4	3.18	<10	0.43	10		0.12	9240	1	0.04	10
E751581	K-07-0069	149.44	150.49	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	25	896	0.44	<5	50	<0.5	<2	0.04	8.6	<1	35	2	0.76	<10	0.16	<10		0.02	1110	<1	0.01	4
E599839	K-07-0072	117.95	119.2	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	4	157	1.28	<5	190	<0.5	<2	1.63	<0.5	2	36	3	0.94	<10	0.28	10		0.32	143	<1	0.05	7
E599850	K-07-0072	133.36	134.99	QTZT	QTZT	Non-Mineralized	N-AML	0.08	<0.5	43	240	0.51	63	80	<0.5	<2	0.14	2	<1	27	3	0.85	<10	0.15	<10		0.06	1365	<1	0.01	4
E599840	K-07-0072	119.2	121.07	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.6	14	186	3.81	19	510	0.9	<2	0.72	<0.5	5	64	12	2.18	10	0.76	20		0.29	197	<1	0.12	24
E599843	K-07-0072	123	124.2	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	8	648	0.46	15	60	<0.5	<2	1.22	0.7	2	40	3	0.8	<10	0.1	<10		0.25	304	<1	0.01	2
E599845	K-07-0072	126	127.8	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	8	244	0.47	<5	60	<0.5	<2	0.63	<0.5	2	50	5	0.76	<10	0.1	<10		0.16	183	<1	0.01	3
E599846	K-07-0072	127.8	129.8	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	9	180	3.55	24	500	0.8	<2	3.24	0.5	5	53	15	1.94	10	0.67	10		0.36	183	<1	0.16	25
E599847	K-07-0072	129.8	131.33	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	17	180	2.77	23	390	0.7	<2	1.08	<0.5	4	46	10	1.35	10	0.65	10		0.19	210	1	0.11	17
E599849	K-07-0072	132.2	133.36	QTZT	QTZT	Non-Mineralized	N-AML	0.03	5.5	1890	3800	2.95	79	430	0.7	<2	1.85	14.9	5	53	10	2.26	10	0.78	10		0.42	2070	<1	0.12	20
E599848	K-07-0072	131.33	132.2	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.5	15	119	5.72	30	800	1.3	<2	1.52	<0.5	6	79	16	2.56	10	1.16	20		0.43	221	<1	0.21	30
E599830	K-07-0072	105.47	107	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	8	841	1.92	8	270	0.5	<2	0.78	0.7	3	45	6	1.23	10	0.43	10		0.2	362	<1	0.04	13
E599833	K-07-0072	110.4	112.4	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	14	1960	4.58	24	700	1.2	<2	2.17	1	8	71	19	3.18	10	0.94	20		0.54	1320	<1	0.14	32
E599834	K-07-0072	112.4	114	QTZT	QTZT	Mineralized	P-AML	0.02	<0.5	<2	47	1.36	<5	270	<0.5	<2	0.89	<0.5	2	41	5	0.87	<10	0.36	10		0.17	96	<1	0.04	7
E599828	K-07-0072	102.4	103.47	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	21	1665	1.08	6	190	<0.5	<2	2.22	1.3	3	29	10	0.92	<10	0.32	10		0.25	666	<1	0.03	8
E599837	K-07-0072	115	116.8	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	9	60	1.15	<5	140	<0.5	<2	1.58	<0.5	1	34	5	1.37	<10	0.21	10		0.5	233	<1	0.03	7
E599826	K-07-0072	100.4	102.4	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	2	204	0.84	5	130	<0.5	<2	0.78	<0.5	1	31	3	0.68	<10	0.23	10		0.12	161	<1	0.02	6
E599844	K-07-0072	124.2	126	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	10	855	1.76	13	230	<0.5	<2	0.71	0.8	3	44	8	1.25	<10	0.38	10		0.2	356	<1	0.05	12
E599836	K-07-0072	114	115	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.5	12	95	5.46	28	810	1.4	<2	1.47	<0.5	6	74	18	2.65	10	1.08	20		0.45	153	<1	0.18	36
E599818	K-07-0072	87.16	89.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	67	2.43	<5	460	0.5	<2	0.41	<0.5	4	55	6	1.37	10	0.51	10		0.24	140	<1	0.06	18
E599809	K-07-0072	73.1	75	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	47	1690	0.71	<5	160	<0.5	<2	0.84	6.7	5	38	7	0.71	<10	0.23	10		0.09	1000	1	0.02	10
E599810	K-07-0072	75	77	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	106	694	2.8	18	480	0.8	<2	2.07	3.6	5	69	12	1.76	10	0.92	20		0.29	1860	<1	0.09	19
E599811	K-07-0072	77	78.37	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.8	134	992	3.11	25	400	1	<2	0.12	11.3	3	69	8	2.09	10	0.96	20		0.15	2100	<1	0.1	16
E599813	K-07-0072	78.37	80.03	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	71	839	1.54	12	170	<0.5	<2	0.1	9.6	3	53	5	2.05	<10	0.5	10		0.11	4160	<1	0.05	10
E599815	K-07-0072	81.99	83.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	15	3100	1.92	<5	370	0.5	<2	1.89	8.8	15	48	10	1.57	<10	0.5	10		0.3	2070	<1	0.05	31
E599817	K-07-0072	85.2	87.16	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	12	100	2.92	13	470	0.8	<2	0.89	0.5	5	56	10	1.78	10	0.57	10		0.26	191	<1	0.13	20
E599819	K-07-0072	89.2	91.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	10	43	2.27	6	400	0.6	<2	0.59	<0.5	4	58	7	1.28	<10	0.49	10		0.23	117	<1	0.08	15
E599820	K-07-0072	91.2	93.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	20	115	5.98	18	920	1.5	<2	1.54	0.6	10	90	28	4.01	10	1.03	30		0.69	252	1	0.21	43
E599823	K-07-0072	94.4	96.5	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	6	138	0.62	<5	120	<0.5	<2	1.63	<0.5	2	31	3	0.84	<10	0.15	<10		0.13	204	<1	0.01	7
E599824	K-07-0072	96.5	98.4	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	8	113	2.6	13	500	0.6	<2	4.42	<0.5	5	39	12	1.53	10	0.63	10		0.43	189	<1	0.12	16
E599825	K-07-0072	98.4	100.4	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	14	469	2.92	7	510	0.7	<2	2.93	<0.5	5	43	12	1.61	10	0.73	10		0.33	402	<1	0.09	18
E599816	K-07-0072	83.2	85.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	19	322	4.18	6	680	1	<2	3.61	0.8	8	66	11	2.42	10	0.9	20		0.42	459	<1	0.14	31
E599838	K-07-0072	116.8	117.95	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.8	21	90	5.9	21	810	1.5	<2	1.06	<0.5	7	88	20	2.66	10	1.15	30		0.41	173	<1	0.2	34
E599909	K-07-0072	208.28	210	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	40	0.37	6	140	<0.5	3	0.05	<0.5	<1	32	5	0.3	<10	0.09	<10		0.04	84	<1	0.02	2
E599908	K-07-0072	206.47	208.28	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	15	31	0.5	<5	190	<0.5	<2	0.05	<0.5	<1	31	10	0.17	<10	0.09	10		0.02	41	1	0.05	2
E599910	K-07-0072	210	212	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	3	37	0.38	<5	140	<0.5	<2	0.06	<0.5	<1	32	4	0.34	<10	0.09	<10		0.05	90	1	0.02	4
E599912	K-07-0072	214.05	216	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	31	0.63	<5	230	<0.5	<2	0.05	<0.5	1	33	6	0.22	<10	0.13	10		0.03	53	<1	0.05	4
E599913	K-07-0072	216	218	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	58	0.4	8	70	<0.5	<2	0.06	<0.5	<1	39	7	0.26	<10	0.07	10		0.03	109	<1	0.03	2
E599914	K-07-0072	218	220.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	3	103	0.38	<5	50	<0.5	<2	0.05	<0.5	<1	41	5	0.35	<10	0.05	10		0.04	211	<1	0.03	5
E599915	K-07-0072	220.05	222.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.6	164	1195	0.24	36	20	<0.5	<2	0.53	5.7	11	40	101	2.18	<10	0.03	10		0.32	1955	<1	0.01	8
E599906	K-07-0072	204.45	206.47	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	<2	17	0.94	<5	290	<0.5	<2	0.11	<0.5	<1	40	9	0.4	<10	0.18	10		0.05	61	<1	0.1	7
E599920	K-07-0074	8.08	10.07	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	9	38	2.22	<5	260	0.5	<2	1	<0.5	4	51	11	1.92	<10	0.41	10		0.26	151	<1	0.05	13
E599922	K-07-0074	12.05	14.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	28	1.87	7	240	0.6	2	0.8	<0.5	3	44	11	1.54	10	0.39	10		0.18	128	1	0.07	14
E599921	K-07-0074	10.07	12.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	69	5.21	11	670	1.4	2	0.8	<0.5	9	67	20	2.61	10	1.05	20		0.23	149	1	0.12	32
E599923	K-07-0074	14.05	16.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	31	0.81	6	80	<0.5	<2	1.15	<0.5	2	37	7	1.41	<10	0.14	10		0.13	160	<1	0.02	7
E599939	K-07-0074	40.05	42.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	35	1.91	6	260	0.5	<2	3.05	<0.5	3	44	11	1.37	10	0.39	10		0.24	173	<1	0.06	14
E599938	K-07-0074	38.05	40.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	60	4.24	9	610	1.1	<2	1.49	<0.5	5	70	14	2.25	10	0.94	20		0.39	211	<1	0.12	28
E599937	K-07-0074	36.05	38.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	91	6.52	12	790	1.7	2	1.64	<0.5	10	78	32	3.28	10	1.29	30		0.55	229	1	0.18	39
E599936	K-07-0074	34.05	36.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	20	0.65	<5	90	<0.5	<2	0.61	<0.5	1	31	8	0.68	<10	0.16	10		0.11	61	<1	0.02	5
E599935	K-07-0074	32.05	34.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	75	4.86	8	530	1.1	<2	1.37	<0.5	7	68	21	3.88	10	0.88	20		0.54	217	1	0.11	34
E599933	K-07-0074	28.05	30.05	QTZT	QTZT	Non-Mineralized	N-AML	0.04	<0.5	16	51	3.96	7	460	1.1	<2	0.7	<0.5	5	59	11	2.27	10	0.81	20		0.26	143	1	0.1	21
E599931	K-07-0074	26.05	28.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	13	57	4.53	16	570	1.2	<2	2.13	<0.5	6	66	14	2.22	10	1.07	20		0.32	208	1	0.13	26
E599930	K-07-0074	24.05	26.05	QTZT	QTZT	Non-Mineralized	N-AML	0.07	<0.5	46	78	4.8	27	570	1.3	2	1.34	<0.5	7	66	17	3.43	10	1.06	20		0.38	2020	1	0.12	30

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E599929	K-07-0074	22.05	24.05	QTZT	QTZT	Non-Mineralized	N-AML	0.03	0.6	29	82	5.91	33	710	1.6	<2	0.81	<0.5	6	73	23	2.94	10	1.21	20		0.34	232	1	0.12	30
E599926	K-07-0074	18.05	20.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	42	1.44	10	180	<0.5	<2	0.61	<0.5	2	54	7	1.5	<10	0.26	10		0.13	131	1	0.03	11
E599924	K-07-0074	16.05	18.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	50	1.1	14	130	<0.5	<2	0.59	<0.5	4	37	6	1.45	<10	0.19	10		0.07	146	1	0.03	13
E599953	K-07-0074	61.4	63.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	66	525	6.29	76	980	1.6	<2	3.4	1.5	5	91	15	2.53	10	1.76	30		0.28	709	1	0.26	22
E599950	K-07-0074	57.4	59.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	131	1.52	19	220	<0.5	<2	5.16	<0.5	3	40	12	1.18	<10	0.41	10		0.2	337	<1	0.07	11
E599955	K-07-0074	65.4	67.73	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	129	1440	0.64	174	130	<0.5	<2	1.03	8.4	5	36	9	1.28	<10	0.19	10		0.13	2210	<1	0.03	9
E599954	K-07-0074	63.4	65.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	38	507	2.13	121	390	0.6	<2	1.44	2.2	4	47	10	1.51	10	0.65	10		0.23	706	<1	0.08	17
E599951	K-07-0074	59.4	61.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	47	336	0.81	23	130	<0.5	<2	0.69	1.8	1	38	7	0.8	<10	0.24	10		0.1	604	<1	0.03	6
E599949	K-07-0074	55.4	57.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	27	110	5.34	27	650	1.5	<2	1.35	0.7	7	70	21	2.43	10	1.14	20		0.29	241	1	0.18	32
E599947	K-07-0074	53.4	55.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	79	1.2	10	160	<0.5	<2	1.52	<0.5	2	36	10	0.95	<10	0.31	10		0.15	160	<1	0.04	6
E599946	K-07-0074	51.4	53.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	46	116	1.39	6	190	<0.5	<2	2.25	0.5	4	34	14	1.19	<10	0.37	10		0.2	605	<1	0.05	10
E599945	K-07-0074	49.41	51.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	83	268	2.73	12	370	0.7	<2	1.43	2.5	5	52	16	1.8	10	0.67	20		0.21	1250	<1	0.09	16
E599998	K-07-0074	130.85	131.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	57	4070	0.41	<5	70	<0.5	<2	1.6	17.1	2	36	1	0.59	<10	0.15	10		0.05	1230	1	0.01	2
E599985	K-07-0074	111.85	113.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	300	2.55	<5	450	0.6	<2	0.3	2	4	48	9	1.53	10	0.51	20		0.21	159	<1	0.05	16
E599983	K-07-0074	109.85	111.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	365	2.24	12	330	0.5	<2	0.31	3	5	40	13	1.74	10	0.36	10		0.23	311	1	0.04	17
E599982	K-07-0074	107.85	109.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	179	2.28	16	350	0.5	<2	1.44	<0.5	3	43	7	1.73	10	0.46	10		0.43	257	1	0.06	16
E599981	K-07-0074	105.85	107.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	11	125	2.55	14	350	0.6	<2	1.33	0.6	3	53	10	1.83	10	0.52	10		0.34	244	1	0.1	18
E599980	K-07-0074	103.85	105.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	10	68	2.67	10	370	0.7	<2	0.73	0.5	4	56	8	1.51	10	0.49	10		0.19	168	<1	0.11	16
E599988	K-07-0074	117.85	119.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	537	1.85	6	360	<0.5	<2	3.11	0.5	3	36	6	1.19	<10	0.49	10		0.28	269	<1	0.06	8
E599989	K-07-0074	119.85	120.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	1430	1.07	<5	240	<0.5	<2	2.03	2.3	2	31	4	0.83	<10	0.32	10		0.2	466	<1	0.04	4
E599990	K-07-0074	120.85	122.85	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	490	1.73	<5	360	0.5	<2	1.01	1.6	3	41	6	1.09	10	0.47	10		0.21	227	<1	0.04	10
E599993	K-07-0074	124.85	126.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	2660	1.35	<5	210	<0.5	<2	0.72	6.2	3	43	4	1	<10	0.44	10		0.2	819	<1	0.03	5
E599994	K-07-0074	126.85	128.85	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	<2	3190	1.49	<5	250	<0.5	<2	1.04	8.1	5	39	8	1.12	<10	0.46	10		0.22	933	<1	0.03	11
E599996	K-07-0074	129.85	130.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	23	1720	1.61	<5	320	<0.5	<2	2.65	5.4	3	52	6	1.05	<10	0.55	10		0.16	663	1	0.04	10
E599999	K-07-0074	131.85	132.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	33	3880	0.49	<5	90	<0.5	<2	1.11	17.9	2	35	1	0.67	<10	0.18	10		0.05	1195	<1	0.01	4
E600000	K-07-0074	132.85	133.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	1140	0.66	<5	130	<0.5	<2	3.24	2.8	1	34	<1	0.64	<10	0.25	10		0.07	542	<1	0.01	1
E599986	K-07-0074	113.85	115.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	2710	4.14	8	730	1	<2	1.44	6.3	5	63	10	2.39	10	0.86	20		0.49	950	<1	0.13	25
E599979	K-07-0074	101.85	103.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	82	5.1	7	820	1.2	<2	1.44	<0.5	7	105	15	2.35	10	0.96	20		0.34	130	1	0.2	29
E599972	K-07-0074	89.85	91.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	248	1.01	8	150	<0.5	<2	1.26	1.4	1	57	6	0.57	<10	0.3	10		0.11	139	1	0.03	8
E599968	K-07-0074	83.83	85.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	118	1.53	<5	430	<0.5	<2	2.7	<0.5	2	79	12	1.01	<10	0.44	10		0.22	99	1	0.05	12
E599970	K-07-0074	87.85	89.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	10	229	1.97	8	280	<0.5	<2	2.21	1.1	2	71	6	1.16	10	0.51	10		0.23	162	1	0.06	13
E599973	K-07-0074	91.85	93.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	341	0.87	<5	120	<0.5	<2	0.54	1.4	2	56	5	0.64	<10	0.23	10		0.12	168	1	0.02	8
E599975	K-07-0074	95.85	97.85	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	9	85	3.96	9	470	0.9	<2	2.22	<0.5	5	85	10	2.35	10	0.69	20		0.36	168	1	0.12	23
E599976	K-07-0074	97.85	99.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	107	1.48	<5	250	<0.5	<2	2.89	<0.5	3	45	6	1.18	<10	0.32	10		0.23	176	1	0.05	10
E599978	K-07-0074	99.85	101.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	41	2.22	<5	300	0.6	<2	2.27	<0.5	3	48	6	1.45	10	0.4	10		0.22	124	<1	0.1	13
E599969	K-07-0074	85.85	87.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	133	3.37	6	530	0.8	<2	2.32	0.8	4	85	17	1.5	10	0.96	20		0.31	94	2	0.14	21
E600018	K-07-0074	152.65	153.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	199	1325	3.55	76	470	0.8	<2	0.14	13.7	8	84	15	3.5	10	1.05	20		0.17	5890	1	0.1	22
E600019	K-07-0074	153.65	154.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.2	188	2920	1.41	41	200	<0.5	<2	0.08	32.8	3	35	47	3.47	<10	0.42	10		0.08	7810	1	0.04	9
E600014	K-07-0074	149.65	150.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	47	795	2.34	31	330	0.6	<2	0.17	12.8	4	51	12	1.33	10	0.75	10		0.14	1490	<1	0.06	15
E600065	K-07-0074	212.35	214.9	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	78	3.04	10	410	0.8	<2	0.12	<0.5	3	57	7	1.23	10	0.86	20		0.17	101	1	0.06	16
E600034	K-07-0074	164.29	165.3	QTZT	QTZT	Non-Mineralized	N-AML	0.22	0.8	57	3980	1.4	3820	<10	0.5	<2	0.08	18.2	10	26	11	2.79	10	0.09	10		0.15	4250	<1	0.1	10
E600036	K-07-0074	166.3	167.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	44	4780	1.53	61	20	<0.5	<2	0.14	55.3	2	43	23	4.12	<10	0.34	10		0.13	10100	<1	0.07	4
E600039	K-07-0074	168.5	170.5	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	1.7	163	2010	7.96	59	950	2.1	<2	0.33	20.4	10	129	21	5.75	20	2.8	40		0.36	8670	<1	0.18	43
E600040	K-07-0074	170.5	172.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	181	1280	3.77	28	430	1.1	<2	0.17	12.5	6	68	11	3.02	10	1.29	20		0.18	5510	<1	0.09	24
E600041	K-07-0074	172.5	174.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	54	811	1.56	25	160	<0.5	<2	0.12	6.3	4	50	5	2.16	<10	0.54	10		0.16	4120	<1	0.03	12
E600042	K-07-0074	174.5	176.5	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	2.8	300	2180	5.68	42	680	1.5	<2	0.64	27.1	8	90	34	2.26	10	2.01	30		0.35	1455	<1	0.13	36
E600043	K-07-0074	176.5	178.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	49	989	2.21	22	260	0.6	<2	1.04	3.3	3	49	13	1.45	<10	0.76	10		0.41	860	<1	0.06	15
E600045	K-07-0074	178.5	180.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.2	60	1580	6.61	44	580	1.9	<2	4.95	3.9	9	95	30	3.82	10	2.11	30		0.68	1420	<1	0.28	46
E600047	K-07-0074	182.5	184.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	1750	3.72	24	550	0.9	<2	0.9	3.6	6	65	16	1.6	10	1.18	20		0.24	753	<1	0.1	23
E600016	K-07-0074	151.65	152.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.3	363	4410	2.31	96	280	0.5	<2	0.12	63.3	4	54	40	4.01	10	0.6	10		0.18	8100	1	0.08	15
E600050	K-07-0074	188.5	190.5	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1	204	1815	2.07	14	260	0.5	<2	0.13	14.1	3	51	12	1.36	<10	0.67	10		0.13	1750	<1	0.05	13
E600006	K-07-0074	138.64	140.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	58	3830	2.16	18	430	0.7	<2	1.35	19	5	85	13	1.32	<10	0.64	10		0.2	2200	<1	0.08	17
E600007	K-07-0074	140.65	142.65	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	14	1380	3.01	15	420	0.8	<2	0.63	8.4	4	56	11	1.57	10	0.88	10		0.29	698	1	0.09	19
E600008	K-07-0074	142.65	144.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	16	830	2.92	32	410	0.7	<2	0.73	8.3	4	62	13	1.69	10	0.93	20		0.31	649	<1	0.07	18
E600009	K-07-0074	144.65	146.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	106	1810	5.11	46	760	1.2	<2	0.68	18	7	116	18	2.61	10	1.53	20		0.32	1990	1	0.13	31
E600010	K-07-0074	146.65	147.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	76	3260	3.03	39	410	0.7	<2	0.59	21.7	5	58	8	3.39	10	0.96	10		0.28	5780	<1	0.08	21
E600013	K-07-0074	148.65	149.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	55	890	3.23	51	430	1	<2	0.38	9.6	7	73	7	2.15	10	0.98	20		0.23	4080	<1	0.11	22
E600048	K-07-0074	184.5	186.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	47	774	3.32	22	380	0.9	<2	0.29	3.7	5	65	16	1.67	10	0.95	20		0.21	817	<1	0.11	23
E600052	K-07-0074	190.5	192.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	11	2130	4.9	17	560	1.3	<2	1.6	<0.5	8	79	18	2.97	10	1.28	20		0.81	1385	<1	0.17	31
E600053	K-07-0074	192.5	194.5	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	0.5	9	373	5.19	22	650	1.3	<2	0.54	<0.5	7	86	17	2.4	10	1.21	20		0.49	316	<1	0.15	29
E600054	K-07-0074	194.5	196.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	131	0.67	<5	80	<0.5	2	0.07	<0.5	1	50	6	0.74	<10	0.15	10		0.09	155	<1	0.01	5
E600055	K-07-0074	196.5	198.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	293	1.03	7	130	<0.5	<2	0.8	<0.5	1	42	3	0.94	<10	0.28	10		0.36	315	<1	0.02	9
E600056	K-07-0074	198.5	200.5	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	219	0.35	<5	30	<0.5	<2	0.24	<0.5	1	39	2	0.63	<10	0.05	10		0.19	173	<1	<0.01	5
E600059	K-07-0074	202.5	204.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	143	0.61	17	70	<0.5	<2	0.68	<0.5	1	41	3	0.84	<10	0.14	10		0.27	233	<1	0.01	5
E600060	K-07-0074	204.5	206.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	98	3.69	35	530	1	<2	0.29	<0.5	5	70	13	1.1	10	1.17	20		0.21	116	<1	0.09	21
E600062	K-07-0074	208.5	210.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	93	1.38	8	230	<0.5	<2	0.07	0.5	1	51	6	0.81	<10	0.42	10		0.09	84	<1	0.04	7
E600063	K-07-0074	210.5	212.35	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	56	1.95	7	320	0.6	2	0.06	<0.5	3	50	10	0.99	<10	0.63	10		0.09	80	<1	0.05	9
E600066	K-07-0074	214.9	216.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	58	0.63	<5	100	<0.5	<2	0.04	<0.5	1	29	4	0.69	<10	0.21	10		0.03	144	<1	0.01	3
E600049	K-07-0074	186.5	188.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	242	1095	0.56	11	40	<0.5	<2	0.08	9.3	2	46	7	1.45	<10	0.17	10		0.13	2820	<1	0.01	6
E600068	K-07-0074	218.9	220.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	51	2.12	9	310	0.6	<2	0.15	<0.5	3	50	11	1.42	10	0.56	10		0.17	151	3	0.06	15

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E600069	K-07-0074	220.9	222.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	35	2.22	8	290	0.6	<2	0.39	<0.5	4	47	10	1.6	10	0.46	10		0.32	126	<1	0.07	14
E600067	K-07-0074	216.9	218.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	51	0.62	5	90	<0.5	<2	0.17	<0.5	1	28	4	0.64	<10	0.17	10		0.09	113	<1	0.01	4
E777303	K-08-0138	116.47	118.87	QTZT	QTZT	Non-Mineralized	N-AML	0.05	0.6	26	4320	2.04	130	470	0.5	<2	1	27.5	4	51	14	1.75	10	0.63	10		0.3	2550	1	0.06	16
E777304	K-08-0138	118.87	119.62	QTZT	QTZT	Non-Mineralized	N-AML	0.03	0.7	103	1810	0.48	21	90	<0.5	<2	0.1	12	1	40	7	1.12	<10	0.15	<10		0.07	2710	1	0.01	5
E777309	K-08-0138	120.97	121.93	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	50	1670	1.01	7	100	<0.5	<2	0.06	20.3	<1	41	10	1.42	<10	0.22	10		0.09	2490	1	0.03	7
E601554	K-07-0116	4.56	6.54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	29	1.56	<5	210	0.5	<2	0.75	<0.5	3	47	7	1.74	<10	0.31	10		0.17	149	<1	0.04	14
E601555	K-07-0116	6.54	8.57	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	27	0.9	12	100	<0.5	<2	0.76	<0.5	3	35	5	1.27	<10	0.14	10		0.11	99	<1	0.02	8
E601556	K-07-0116	8.57	10.54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	22	1.02	<5	130	<0.5	2	0.56	<0.5	3	41	5	1.1	<10	0.22	10		0.1	205	1	0.03	8
E601557	K-07-0116	10.54	12.58	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	34	1.66	9	200	<0.5	<2	0.87	<0.5	3	45	8	2.63	<10	0.32	10		0.22	246	<1	0.04	13
E601558	K-07-0116	12.58	14.02	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	29	1.99	10	270	0.6	<2	0.63	<0.5	3	42	7	1.44	10	0.39	10		0.15	109	<1	0.06	12
E601560	K-07-0116	14.02	15.94	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	28	85	0.51	9	40	<0.5	<2	1.19	0.8	2	37	6	1.35	<10	0.07	10		0.09	217	<1	0.01	7
E601563	K-07-0116	17.09	18.39	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	30	73	0.54	10	40	<0.5	<2	1.76	0.5	2	34	19	1.18	<10	0.06	10		0.13	182	2	0.01	6
E601561	K-07-0116	15.94	17.09	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	57	116	0.55	9	20	<0.5	<2	0.55	1.2	2	42	16	1.43	<10	0.04	10		0.11	176	<1	<0.01	7
E601564	K-07-0116	18.39	20.51	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	19	67	5.07	21	630	1.3	<2	0.82	<0.5	7	71	16	2.63	10	1.01	20		0.33	174	1	0.11	29
E601565	K-07-0116	20.51	22.56	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	16	63	5.21	15	620	1.3	<2	1.46	<0.5	8	64	15	2.62	10	0.98	20		0.33	186	<1	0.14	32
E601566	K-07-0116	22.56	24.52	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	30	2.13	10	320	0.5	<2	0.84	<0.5	2	49	9	1.31	10	0.46	10		0.17	105	<1	0.08	13
E601567	K-07-0116	24.52	26.49	QTZT	QTZT	Non-Mineralized	N-AML	0.05	<0.5	11	48	3.38	18	420	0.9	<2	1.64	<0.5	5	56	11	2.03	10	0.7	20		0.32	153	1	0.11	21
E601568	K-07-0116	26.49	28.5	QTZT	QTZT	Non-Mineralized	N-AML	0.29	<0.5	16	73	4.03	23	460	0.9	<2	0.69	0.5	6	61	14	2.42	10	0.88	20		0.29	195	<1	0.09	22
E601593	K-07-0116	65.84	67.06	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	631	2.89	25	1440	0.8	4	0.34	3.5	7	45	53	2.17	10	0.82	10		0.41	584	3	0.13	24
E601592	K-07-0116	64.31	65.84	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	413	1.58	14	510	<0.5	3	2.79	2.7	4	36	23	1.14	<10	0.46	10		0.41	397	2	0.09	11
E601598	K-07-0116	74.35	76.19	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1	79	3490	1.32	103	320	<0.5	2	1.1	13.6	13	41	12	1.36	<10	0.44	10		0.16	3240	<1	0.04	24
E601600	K-07-0116	76.19	78.21	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	94	414	0.93	35	160	<0.5	3	0.25	3.7	3	39	5	1.33	<10	0.3	10		0.08	1965	<1	0.03	7
E601601	K-07-0116	78.21	80.08	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	5	289	1.75	45	280	0.5	<2	1.24	0.5	4	54	8	1.11	<10	0.5	10		0.17	256	1	0.06	11
E601604	K-07-0116	80.87	82.87	QTZT	QTZT	Non-Mineralized	N-AML	0.1	0.5	24	536	3.78	82	700	1	<2	0.68	1.3	6	69	15	1.93	10	1.12	20		0.25	675	2	0.12	22
E601603	K-07-0116	80.08	80.87	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	7	508	0.56	15	90	<0.5	<2	0.63	1	3	32	12	0.62	<10	0.17	<10		0.1	421	2	0.01	4
E601637	K-07-0116	137.95	140	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	30	1.27	<5	190	<0.5	<2	2.74	<0.5	3	43	6	0.95	<10	0.33	10		0.23	111	<1	0.04	6
E601638	K-07-0116	140	142.04	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	60	3.48	5	530	0.9	<2	2.56	<0.5	4	87	15	2.1	10	0.8	20		0.37	155	1	0.11	22
E601640	K-07-0116	142.04	144.14	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	23	1.14	<5	170	<0.5	<2	0.78	<0.5	1	44	5	0.76	<10	0.33	10		0.13	79	<1	0.02	5
E601641	K-07-0116	144.14	145.85	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	13	69	6.06	<5	660	0.7	<2	1.66	<0.5	11	23	31	2.99	10	1.22	10		0.77	687	1	2.14	13
E601643	K-07-0116	145.85	147.37	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	22	58	2.56	9	410	0.7	<2	3.19	<0.5	4	50	23	1.64	10	0.67	10		0.44	171	3	0.13	21
E601634	K-07-0116	131.81	133.88	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	63	2.4	6	340	0.7	<2	0.4	<0.5	4	66	9	1.19	10	0.55	10		0.12	125	<1	0.1	15
E601636	K-07-0116	135.94	137.95	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	41	2.91	<5	370	0.8	<2	2.69	<0.5	5	66	11	1.64	10	0.52	20		0.32	112	1	0.1	16
E601626	K-07-0116	117.65	119.58	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	38	2.13	<5	320	0.6	<2	0.76	<0.5	4	59	11	1.29	10	0.47	10		0.26	94	<1	0.06	10
E601617	K-07-0116	103.61	105.46	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	7	3770	1.28	6	250	<0.5	<2	3.29	2.3	6	46	7	1.17	<10	0.39	10		0.16	1340	1	0.05	13
E601618	K-07-0116	105.46	107.57	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	935	4.85	7	750	1.2	<2	2.25	0.6	9	80	19	2.83	10	1.17	20		0.55	497	1	0.16	35
E601620	K-07-0116	107.57	109.64	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	47	1.65	<5	290	0.5	<2	1.15	<0.5	3	47	13	1.14	<10	0.36	10		0.17	87	1	0.05	11
E601621	K-07-0116	109.64	111.56	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	14	60	4.39	<5	640	1.1	<2	1.45	<0.5	6	76	19	2.1	10	0.91	20		0.39	111	<1	0.14	25
E601623	K-07-0116	111.56	113.55	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	11	59	3.62	18	500	1.1	<2	1.35	<0.5	5	74	18	2.11	10	0.77	20		0.44	128	1	0.2	26
E601615	K-07-0116	99.72	101.71	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	59	3.71	13	540	1	<2	1.24	<0.5	4	63	14	1.94	10	0.85	20		0.3	124	1	0.11	23
E601625	K-07-0116	115.6	117.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	39	1.08	<5	150	<0.5	<2	1.02	<0.5	1	36	10	0.9	<10	0.25	10		0.16	114	1	0.03	5
E601614	K-07-0116	97.7	99.72	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	53	1.06	<5	170	<0.5	<2	2.3	<0.5	2	46	5	0.84	<10	0.32	10		0.16	167	<1	0.02	8
E601627	K-07-0116	119.58	121.55	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	13	41	3.3	8	490	0.9	<2	2.2	<0.5	6	60	9	1.56	10	0.66	20		0.24	125	<1	0.15	15
E601628	K-07-0116	121.55	123.6	QTZT	QTZT	Non-Mineralized	N-AML	0.04	<0.5	14	82	5.02	<5	540	1.1	<2	2.47	<0.5	7	87	19	3.54	10	0.72	20		0.55	243	1	0.2	33
E601629	K-07-0116	123.6	125.64	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	50	3.72	14	550	1	<2	1.63	<0.5	5	62	12	1.69	10	0.74	10		0.3	98	<1	0.16	22
E601631	K-07-0116	125.64	127.71	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	46	3.12	5	410	0.9	<2	2.04	<0.5	4	82	11	1.63	10	0.6	20		0.29	114	1	0.13	16
E601632	K-07-0116	127.71	129.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	40	0.86	<5	120	<0.5	<2	1.07	<0.5	2	40	5	0.81	<10	0.2	10		0.22	120	1	0.03	4
E601633	K-07-0116	129.74	131.81	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	141	0.31	<5	40	<0.5	<2	0.16	<0.5	1	54	6	0.46	<10	0.08	<10		0.03	151	<1	0.01	4
E601624	K-07-0116	113.55	115.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	13	0.81	<5	110	<0.5	<2	1.68	<0.5	2	51	8	0.81	<10	0.18	10		0.22	83	1	0.03	8
E601616	K-07-0116	101.71	103.61	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	47	1.94	15	350	0.5	<2	1.8	<0.5	3	76	10	1.32	<10	0.56	10		0.22	84	2	0.06	14
E601635	K-07-0116	133.88	135.94	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	14	44	2.66	<5	360	0.7	<2	2.61	<0.5	4	62	12	1.51	10	0.62	10		0.23	115	1	0.12	14
E601609	K-07-0116	89.67	91.72	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	9	143	1.37	13	250	<0.5	<2	1.95	<0.5	2	44	8	0.89	<10	0.36	10		0.19	198	1	0.07	9
E601611	K-07-0116	91.72	93.79	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	46	137	1.14	15	220	<0.5	<2	0.99	<0.5	3	41	6	1.36	<10	0.39	10		0.17	2050	<1	0.03	8
E601612	K-07-0116	93.79	95.75	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	76	4.51	20	650	1.2	<2	1.09	<0.5	7	76	15	2.39	10	1.05	20		0.36	201	1	0.12	28
E601613	K-07-0116	95.75	97.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	75	1.44	<5	220	<0.5	<2	0.97	<0.5	4	42	8	1.17	<10	0.38	10		0.22	141	1	0.03	9
E601647	K-07-0116	153.46	155.44	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	41	2.21	9	360	0.6	<2	2.22	<0.5	5	56	32	1.29	10	0.61	10		0.22	108	1	0.09	18
E601644	K-07-0116	147.37	149.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	99	288	0.38	14	60	<0.5	<2	1.01	3	1	32	5	0.58	<10	0.14	<10		0.07	1340	1	0.01	3
E601656	K-07-0116	169.47	171.51	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	95	6.29	6	580	1.1	<2	3.31	<0.5	19	85	77	4.15	20	0.72	20		1.67	585	2	0.5	49
E601646	K-07-0116	151.46	153.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	45	2.39	<5	320	0.6	<2	1.1	0.5	4	53	10	1.83	10	0.54	10		0.25	174	<1	0.09	18
E601655	K-07-0116	167.61	169.47	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	19	38	2.59	<5	410	0.7	<2	0.22	<0.5	6	55	13	1.74	10	0.58	20		0.27	119	<1	0.09	21
E601648	K-07-0116	155.44	157.44	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	22	1.36	10	220	<0.5	<2	1.59	<0.5	1	38	12	0.81	<10	0.37	10		0.12	90	2	0.06	11
E601649	K-07-0116	157.44	159.48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	28	18	0.72	17	110	<0.5	<2	1.04	<0.5	2	30	9	0.87	<10	0.19	10		0.1	97	<1	0.02	7
E601651	K-07-0116	159.48	161.48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	40	2.53	10	330	0.6	<2	1.98	<0.5	4	59	10	1.45	10	0.62	10		0.23	145	<1	0.09	19
E601652	K-07-0116	161.48	163.48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	35	2.04	<5	250	0.6	<2	1.02	<0.5	4	54	9	1.25	<10	0.44	10		0.3	108	<1	0.09	16
E601653	K-07-0116	163.48	165.51	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	21	1.84	<5	270	0.5	<2	0.35	<0.5	5	53	7	1.11	<10	0.44	10		0.2	93	<1	0.06	14
E601654	K-07-0116	165.51	167.61	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	20	31	2.69	9	400	0.7	<2	0.72	<0.5	5	53	14	2.21	10	0.53	20		0.48	180	<1	0.08	18
E601645	K-07-0116	149.46	151.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	38	224	0.33	9	60	<0.5	<2	0.43	2.2	1	26	4	0.44	<10	0.11	<10		0.05	606	<1	0.01	3
E601667	K-07-0116	190.5	192.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	22	72	3.59	5	400	0.8	<2	0.7	<0.5	6	68	11	1.65	10	0.88	20		0.27	152	<1	0.09	20
E601658	K-07-0116	173.53	175.56	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	90	2.66	<5	410	0.7	<2	0.9	<0.5	5	51	7	1.52	10	0.53	10		0.47	116	<1	0.15	16
E601660	K-07-0116	175.56	177.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	33	2.44	10	320	0.6	<2	1.2	<0.5	5	55	20	1.38	<10	0.74	10		0.39	273	<1	0.09	15
E601661	K-07-0116	177.6	179.59	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	69	210	0.59	14	60	<0.5	<2	0.33	1.8	2	30	4	1.02	<10	0.19	10		0.13	1160	1	0.01	5

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E601662	K-07-0116	179.59	181.66	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	36	1.66	8	180	<0.5	<2	2.13	<0.5	3	43	9	1.27	<10	0.34	10		0.24	145	<1	0.09	13
E601663	K-07-0116	181.66	183.64	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	7	17	0.43	<5	50	<0.5	<2	0.75	<0.5	1	35	5	0.53	<10	0.09	<10		0.08	77	1	0.01	6
E601666	K-07-0116	187.76	190.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	44	385	1.67	9	200	0.5	<2	1.09	3.3	4	40	10	1.1	10	0.41	10		0.17	247	1	0.04	13
E601665	K-07-0116	183.64	187.76	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	12	101	1.01	<5	120	<0.5	<2	1.98	0.9	2	37	8	0.78	<10	0.22	10		0.13	145	1	0.03	8
E601668	K-07-0116	192.5	194.48	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	5	31	1.05	6	120	<0.5	<2	3.57	0.6	2	34	7	1.34	<10	0.26	10		0.64	187	<1	0.02	8
E601669	K-07-0116	194.48	196.45	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	38	91	6.43	9	690	1.5	<2	1.19	<0.5	9	97	21	2.98	20	1.26	30		0.45	199	3	0.18	38
E601670	K-07-0116	196.45	198.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	34	193	3.52	8	410	0.9	<2	0.35	2	5	68	14	1.79	10	0.9	20		0.21	658	1	0.09	21
E601671	K-07-0116	198.5	200.46	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	38	481	0.37	<5	50	<0.5	<2	0.06	5.3	1	40	4	0.43	<10	0.13	10		0.02	842	1	0.01	3
E601673	K-07-0116	200.46	202.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.8	88	1450	0.34	<5	30	<0.5	<2	0.06	17.1	<1	34	13	0.83	<10	0.11	<10		0.03	1770	<1	0.01	3
E601674	K-07-0116	202.5	204.6	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	81	588	1.39	11	170	<0.5	<2	0.08	6.4	1	47	13	1.05	<10	0.48	10		0.07	1390	<1	0.02	10
E601675	K-07-0116	204.6	206.59	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	109	335	4.03	23	490	1	<2	0.35	3.1	5	81	12	2	10	1.33	20		0.18	2180	1	0.07	24
E601676	K-07-0116	206.59	208.6	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.4	42	2610	3.55	30	430	0.9	<2	0.2	25.3	5	72	21	1.44	10	1.3	20		0.1	2210	<1	0.07	18
E601677	K-07-0116	208.6	210.52	QTZT	QTZT	Non-Mineralized	N-AML	0.03	0.7	106	835	1.05	21	140	<0.5	<2	0.1	7.2	2	42	5	1.43	<10	0.36	10		0.06	2980	<1	0.02	9
E601708	K-07-0116	240.09	241.59	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	25	162	0.54	<5	80	<0.5	<2	0.05	2.3	1	36	7	0.62	<10	0.16	<10		0.06	512	<1	0.02	4
E601702	K-07-0116	234.57	235.39	QTZT	QTZT	Non-Mineralized	N-AML	0.02	2.7	146	1160	4.13	50	650	1.1	5	0.43	11.7	4	66	52	4.67	10	1.04	20		0.46	6050	<1	0.2	20
E601703	K-07-0116	235.39	236.77	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	59	2360	1.18	7	110	<0.5	<2	0.47	24.5	2	43	12	1.9	<10	0.2	10		0.6	2340	<1	0.06	10
E601705	K-07-0116	236.77	237.31	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.6	28	1580	5.06	17	670	1.9	3	0.21	20.8	6	73	51	2.77	10	1.1	20		0.45	788	<1	0.3	27
E601697	K-07-0116	229.91	230.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.7	38	1180	0.32	7	100	<0.5	4	0.03	14.8	<1	25	9	0.45	<10	0.1	<10		0.02	335	<1	0.01	3
E601707	K-07-0116	239.08	240.09	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	188	732	0.5	9	60	<0.5	<2	0.15	8.9	3	38	12	1.75	<10	0.12	<10		0.18	2060	<1	0.02	4
E601696	K-07-0116	229.24	229.91	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.1	78	4990	3.35	30	1040	0.9	4	0.21	65.3	8	53	37	1.48	10	0.79	20		0.13	722	<1	0.28	22
E601709	K-07-0116	241.59	242.62	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	19	375	0.23	14	40	<0.5	<2	0.03	5.4	<1	22	7	0.32	<10	0.06	<10		0.02	172	<1	0.01	1
E601710	K-07-0116	242.62	244.42	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	72	758	0.29	14	40	<0.5	<2	0.16	10.1	2	39	5	0.71	<10	0.07	<10		0.2	1185	<1	0.01	5
E601711	K-07-0116	244.42	246.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	28	176	0.58	23	110	<0.5	<2	0.04	2	4	50	9	0.85	<10	0.13	10		0.06	482	1	0.04	11
E601713	K-07-0116	246.2	248.18	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	175	0.7	9	20	<0.5	<2	0.05	3.8	2	49	7	1.51	<10	0.06	10		0.27	370	<1	0.02	11
E601714	K-07-0116	248.18	250.22	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	<0.5	8	94	4.63	<5	800	1.2	<2	0.29	2	6	74	9	1.8	10	0.74	20		0.31	214	<1	0.32	29
E601706	K-07-0116	237.31	239.08	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.7	118	1110	0.83	41	160	<0.5	<2	0.13	13.2	4	49	35	1.61	<10	0.19	10		0.17	1460	<1	0.04	7
E601678	K-07-0116	210.52	212.4	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.8	158	1840	0.48	12	60	<0.5	2	0.12	16.7	<1	39	3	2.67	<10	0.17	10		0.1	7640	<1	0.01	6
E601680	K-07-0116	212.4	214.55	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.8	62	263	6.46	41	650	1.8	<2	1.06	1.8	9	94	16	3.28	10	1.93	30		0.47	2180	<1	0.19	36
E601681	K-07-0116	214.55	216.52	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	110	476	4.89	32	530	1.4	3	0.83	4.1	9	78	16	3.28	10	1.64	20		0.39	6420	<1	0.12	31
E601683	K-07-0116	216.52	218.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	127	419	2.78	25	330	0.8	<2	0.16	3.7	4	53	13	1.93	10	0.91	20		0.18	3820	<1	0.08	17
E601684	K-07-0116	218.5	220.51	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	89	1130	0.74	46	60	<0.5	3	0.05	12	2	28	17	1.51	<10	0.23	10		0.05	2190	<1	0.01	8
E601699	K-07-0116	230.9	232.67	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	24	1140	0.23	5	50	<0.5	<2	0.07	13.9	<1	39	9	0.43	<10	0.08	<10		0.03	387	<1	0.01	2
E601686	K-07-0116	221.58	221.92	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	316	0.46	7	40	<0.5	<2	0.03	3.3	<1	17	3	0.56	<10	0.13	10		0.04	542	<1	0.01	6
E601688	K-07-0116	223.76	224.68	QTZT	QTZT	Non-Mineralized	N-AML	0.02	5.5	54	4500	0.62	242	200	<0.5	6	0.05	42.9	3	14	40	2.98	<10	0.11	10		0.13	7140	<1	0.02	10
E601689	K-07-0116	224.68	225.52	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	165	0.3	146	60	<0.5	<2	0.02	1.7	1	20	5	0.41	<10	0.09	<10		0.02	347	<1	0.01	10
E601690	K-07-0116	225.52	226.71	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	18	336	0.57	42	130	<0.5	2	0.03	2.6	<1	25	4	0.64	<10	0.17	10		0.05	530	<1	0.02	4
E601692	K-07-0116	226.71	227.38	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	102	1160	0.58	12	130	<0.5	2	0.09	12.6	<1	25	11	1.31	<10	0.18	10		0.09	2120	<1	0.01	3
E601694	K-07-0116	227.76	228.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.8	280	3980	1.57	41	130	<0.5	2	1.39	44.7	10	16	61	5.15	<10	0.12	10		2.06	5280	<1	0.02	17
E601685	K-07-0116	220.51	221.58	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	20	144	0.44	<5	40	<0.5	2	0.03	1.2	1	23	3	0.63	<10	0.14	<10		0.04	617	<1	0.01	5
E601715	K-07-0116	250.22	252.04	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	71	3.15	5	460	0.6	<2	0.12	<0.5	5	77	14	1.97	10	0.58	10		0.25	323	<1	0.19	23
E601716	K-07-0116	252.04	254.21	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	45	3.52	11	540	0.8	<2	0.14	<0.5	5	78	25	1.93	10	0.7	10		0.24	215	1	0.25	26
E601720	K-07-0116	258.12	260.72	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	8	0.62	<5	170	<0.5	<2	0.12	<0.5	1	34	1	0.55	<10	0.11	10		0.08	78	<1	0.04	6
E601721	K-07-0116	260.72	263.96	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	74	2.87	11	460	0.8	<2	0.25	0.8	4	51	8	1.44	10	0.31	10		0.25	196	1	0.19	18
E601723	K-07-0116	263.96	266.85	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.6	24	65	4.29	19	690	1.1	<2	0.3	<0.5	2	54	18	1.88	10	0.45	10		0.29	264	1	0.25	27
E601718	K-07-0116	255.86	258.12	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	24	0.27	<5	40	<0.5	<2	0.11	0.6	<1	41	1	0.4	<10	0.07	<10		0.04	101	<1	0.02	3
E601717	K-07-0116	254.21	255.86	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	52	1.21	6	240	<0.5	<2	0.09	<0.5	1	48	5	0.64	<10	0.26	10		0.05	282	<1	0.09	10
E601740	K-07-0118	30.45	32.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	60	3.2	13	350	0.7	<2	0.8	<0.5	6	55	18	2.44	10	0.63	20		0.32	180	<1	0.07	20
E601732	K-07-0118	16.47	18.47	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	54	1.55	13	170	<0.5	<2	0.74	<0.5	2	47	26	1.61	<10	0.29	10		0.18	174	<1	0.03	9
E601726	K-07-0118	6.45	8.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	65	3.48	8	410	0.9	<2	1.11	<0.5	5	50	11	2.43	10	0.64	20		0.35	191	<1	0.08	23
E601727	K-07-0118	8.45	10.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	31	1.89	<5	380	0.6	<2	0.54	0.6	2	58	8	1.5	<10	0.41	10		0.11	154	<1	0.06	11
E601728	K-07-0118	10.45	12.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.9	8	33	0.85	5	100	<0.5	<2	0.82	<0.5	4	44	15	1.32	<10	0.14	10		0.11	164	<1	0.01	9
E601731	K-07-0118	14.45	16.47	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	55	1.44	7	140	<0.5	<2	0.83	<0.5	4	43	7	1.58	<10	0.25	10		0.18	174	<1	0.03	10
E601741	K-07-0118	32.45	33.89	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	16	31	1.69	11	170	0.5	<2	0.87	<0.5	3	40	16	1.55	<10	0.32	10		0.27	145	<1	0.04	12
E601733	K-07-0118	18.47	20.47	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	20.6	4	26	0.78	12	70	<0.5	<2	0.9	<0.5	2	40	68	1.49	<10	0.1	10		0.11	157	<1	0.01	16
E601734	K-07-0118	20.47	22.47	QTZT	QTZT	Non-Mineralized	N-AML	0.03	0.8	15	67	1.6	16	220	<0.5	<2	0.51	0.8	4	54	18	1.57	<10	0.39	10		0.11	259	<1	0.03	16
E601735	K-07-0118	22.47	24.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	53	3.58	12	420	0.9	<2	0.88	<0.5	7	81	12	2.77	10	0.69	20		0.34	204	<1	0.07	25
E601736	K-07-0118	24.45	26.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	17	74	5.34	24	620	1.4	<2	0.83	<0.5	7	69	16	3.11	10	1.05	20		0.41	227	<1	0.11	28
E601737	K-07-0118	26.45	28.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	23	66	6.13	19	740	1.8	<2	1.39	<0.5	9	80	22	2.52	10	1.33	30		0.44	201	<1	0.2	31
E601738	K-07-0118	28.45	30.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	10	69	3.46	15	360	0.9	<2	2.53	<0.5	6	61	20	2.68	10	0.6	20		0.31	248	1	0.11	26
E601729	K-07-0118	12.45	14.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	41	1.36	12	150	<0.5	<2	1.46	<0.5	3	41	15	1.4	<10	0.24	10		0.16	165	<1	0.03	11
E601761	K-07-0118	64.05	65.59	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	158	2.38	14	340	0.7	3	5.31	0.6	3	48	9	1.43	10	0.72	10		0.25	358	1	0.07	15
E601755	K-07-0118	54.05	56.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.1	10	50	1.18	8	150	<0.5	<2	4.02	<0.5	3	36	8	0.89	<10	0.3	10		0.17	188	<1	0.04	11
E601757	K-07-0118	56.05	58.05	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	23	107	2.08	18	270	0.5	<2	2.43	1.1	2	40	7	1.27	<10	0.58	10		0.2	375	<1	0.07	17
E601758	K-07-0118	58.05	60.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	18	160	4.58	18	550	1.2	<2	1.41	<0.5	5	68	17	2.52	10	1.04	20		0.35	167	3	0.14	26
E601759	K-07-0118	60.05	62.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	15	85	4.97	15	550	1.2	<2	1.75	<0.5	7	69	15	2.54	10	0.99	20		0.29	151	<1	0.15	24
E601762	K-07-0118	65.59	66.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	88	1.21	11	180	<0.5	<2	2.08	0.6	2	37	5	1.25	<10	0.36	10		0.2	663	<1	0.04	7
E601760	K-07-0118	62.05	64.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	57	1.86	5	280	<0.5	<2	3.25	<0.5	2	40	7	1.02	<10	0.49	10		0.25	140	<1	0.04	12
E601763	K-07-0118	66.65	68.06	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.5	63	224	2.18	15	310	0.6	<2	4.15	1.5	4	53	9	1.37	10	0.77	10		0.18	998	1	0.05	12
E601764	K-07-0118	68.06	69.56	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	18	488	0.54	10	70	<0.5	4	3.09	3.7	2	28	4	0.79	<10	0.18	<10		0.11	706	<1	0.02	4
E601765	K-07-0118	69.56	71.06	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	19	277	0.7	11	100	<0.5	3	3.43	2.3	1	28	5	0.85	<10	0.23	10		0.16	649	<1	0.02	3

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E601766	K-07-0118	71.06	72.56	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.2	271	2200	1.55	18	210	<0.5	4	1.35	12.9	4	38	9	1.7	<10	0.48	10		0.19	2880	<1	0.05	12
E601768	K-07-0118	72.56	74.1	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.3	394	3130	0.56	18	50	<0.5	4	0.96	28.1	2	32	13	1.92	<10	0.21	10		0.08	5500	1	0.01	4
E601769	K-07-0118	74.1	74.98	QTZT	QTZT	Non-Mineralized	N-AML	0.01	3	547	2380	0.63	11	70	<0.5	3	0.1	41.9	2	36	10	1.77	<10	0.21	10		0.07	4150	<1	0.01	4
E601770	K-07-0118	74.98	75.42	QTZT	QTZT	Non-Mineralized	N-AML	0.85	6.9	832	3750	0.59	132	50	<0.5	4	0.12	107.5	2	33	38	10.35	<10	0.18	10		0.23	33900	<1	0.02	1
E601781	K-07-0118	85.63	87.63	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	60	706	1.53	34	470	<0.5	<2	2.15	3.9	3	42	27	1.42	<10	0.47	10		0.34	1155	3	0.06	15
E601782	K-07-0118	87.63	89.37	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	54	578	0.93	20	290	<0.5	<2	0.43	11.3	3	29	37	1.39	<10	0.3	10		0.14	758	1	0.03	8
E601830	K-07-0118	153.43	155	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.3	119	2920	1.68	39	220	0.5	<2	0.08	30.5	2	58	30	1.5	<10	0.53	10		0.07	2140	<1	0.05	9
E601831	K-07-0118	155	156.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	488	0.35	13	50	<0.5	<2	0.03	3.7	1	33	5	0.52	<10	0.13	<10		0.02	727	<1	0.01	<1
E601832	K-07-0118	156.65	158	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	530	0.37	9	60	<0.5	<2	0.03	3.2	1	34	7	0.57	<10	0.14	<10		0.02	826	<1	0.01	<1
E601833	K-07-0118	158	159.24	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	27	343	0.91	14	120	<0.5	<2	0.05	2.8	2	56	6	0.89	<10	0.29	10		0.05	1275	<1	0.02	4
E601834	K-07-0118	159.24	160.24	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.3	57	1885	4.11	111	640	1.2	<2	0.12	22.8	6	77	57	2.21	10	1.26	20		0.1	2740	<1	0.12	22
E601835	K-07-0118	160.24	161.37	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.6	255	2180	2.95	136	400	0.8	<2	0.17	20.2	7	61	20	3.25	10	0.92	20		0.14	6560	<1	0.07	19
E601817	K-07-0118	142.41	144.44	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	1340	0.6	<5	90	<0.5	<2	1.3	1.9	2	43	4	0.7	<10	0.16	10		0.13	440	1	0.01	4
E601808	K-07-0118	126.39	128.39	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	8	142	2.38	8	390	0.5	<2	0.69	1.1	4	51	18	1.61	<10	0.44	10		0.31	180	2	0.07	12
E601809	K-07-0118	128.39	130.14	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	104	3.11	9	590	0.7	<2	0.88	1	6	62	11	1.88	10	0.58	20		0.4	200	1	0.08	20
E601810	K-07-0118	130.14	132.14	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	14	817	5.67	14	1010	1.3	<2	0.98	2.9	11	80	31	3.4	10	0.87	20		0.58	418	1	0.21	40
E601813	K-07-0118	136.3	138.33	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	1820	1.8	9	310	0.5	<2	0.71	3.4	2	58	7	1.04	<10	0.53	10		0.16	675	1	0.04	11
E601815	K-07-0118	140.41	142.41	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	1490	1.18	10	200	<0.5	<2	0.99	3.8	2	53	6	0.8	<10	0.41	10		0.16	650	<1	0.02	10
E601818	K-07-0118	144.44	146.49	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	3470	0.67	<5	110	<0.5	<2	0.56	7.5	2	50	6	0.75	<10	0.2	10		0.11	864	<1	0.01	6
E601821	K-07-0118	148.02	149.52	QTZT	QTZT	Non-Mineralized	N-AML	0.08	<0.5	2	4470	0.69	23	110	<0.5	<2	0.47	17.6	3	37	6	0.71	<10	0.22	10		0.09	986	<1	0.02	10
E601823	K-07-0118	149.52	151.18	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	51	2540	3.86	27	600	0.9	<2	0.59	16.7	6	62	19	2.65	10	1.08	20		0.32	1775	<1	0.1	24
E601814	K-07-0118	138.33	140.41	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	1200	0.73	10	110	<0.5	<2	0.72	3.5	2	38	4	0.74	<10	0.23	10		0.13	472	<1	0.02	6
E601803	K-07-0118	118.39	120.42	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	98	5.96	7	910	1.4	<2	1.65	<0.5	7	82	18	2.65	10	1.1	30		0.42	155	1	0.25	35
E601805	K-07-0118	122.39	124.57	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	368	3.14	18	510	0.7	<2	1.43	0.9	6	52	11	1.68	10	0.66	20		0.27	296	<1	0.12	22
E601796	K-07-0118	106.07	108.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	434	1.11	14	160	<0.5	<2	1.53	1.8	1	43	9	0.84	<10	0.29	10		0.16	210	<1	0.04	8
E601792	K-07-0118	100.03	102.03	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	414	0.79	13	290	<0.5	<2	2.07	1.7	<1	37	8	0.74	<10	0.25	10		0.1	203	<1	0.04	7
E601795	K-07-0118	104.07	106.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	680	2.15	16	330	0.5	<2	2.32	1.2	3	46	11	1.34	<10	0.56	10		0.24	407	1	0.11	17
E601797	K-07-0118	108.07	110.39	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	465	2.23	15	310	0.5	<2	0.47	1.1	3	64	14	1.2	10	0.61	20		0.19	221	<1	0.08	17
E601799	K-07-0118	110.39	112.39	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	202	1	9	130	<0.5	<2	0.91	<0.5	1	47	15	0.85	<10	0.27	10		0.14	147	<1	0.03	8
E601800	K-07-0118	112.39	114.39	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	124	1.88	<5	310	0.5	<2	2.06	<0.5	1	63	11	1.15	<10	0.42	10		0.2	148	1	0.08	15
E601801	K-07-0118	114.39	116.39	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	52	1.56	6	260	<0.5	<2	0.74	<0.5	1	44	8	1.24	<10	0.41	10		0.16	97	<1	0.06	10
E601802	K-07-0118	116.39	118.39	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	61	2.43	7	380	0.7	<2	2.07	<0.5	4	49	9	1.14	<10	0.49	10		0.16	120	<1	0.15	15
E601804	K-07-0118	120.42	122.39	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	108	2.65	6	420	0.7	<2	0.72	<0.5	3	55	9	1.2	<10	0.52	10		0.15	106	1	0.13	14
E601793	K-07-0118	102.03	104.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	166	2.86	11	520	0.7	<2	0.98	<0.5	2	71	12	1.31	10	0.78	20		0.25	99	1	0.13	20
E601806	K-07-0118	124.57	126.39	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	290	3.06	13	520	0.7	<2	0.64	<0.5	3	59	10	1.64	10	0.61	20		0.28	203	<1	0.1	18
E601840	K-07-0118	165.55	166.55	QTZT	QTZT	Non-Mineralized	P-AML	0.01	2.3	88	1200	9.19	125	1160	2.6	<2	0.34	11.3	12	136	24	3.53	20	3.15	50		0.26	4680	<1	0.27	51
E601836	K-07-0118	161.37	162.55	QTZT	QTZT	Non-Mineralized	N-AML	0.02	2.3	673	2060	2.76	81	290	0.8	<2	1.42	14.9	6	54	13	4.39	<10	0.94	20		0.65	11850	<1	0.07	20
E601837	K-07-0118	162.55	163.55	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	103	1400	3	22	370	0.8	<2	0.35	11.4	5	58	13	3.53	10	0.95	20		0.28	8700	<1	0.07	16
E601841	K-07-0118	166.55	167.55	QTZT	QTZT	Non-Mineralized	P-AML	0.03	1.6	131	758	5.41	84	730	1.5	<2	0.23	6.7	7	86	16	3.1	10	1.79	30		0.2	5080	<1	0.13	29
E601842	K-07-0118	167.55	168.55	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.5	183	1890	4.91	83	760	1.4	<2	0.24	19	7	76	24	4.57	10	1.67	30		0.21	10400	<1	0.12	27
E601843	K-07-0118	168.55	169.55	QTZT	QTZT	Non-Mineralized	P-AML	0.01	0.9	156	1870	6.69	52	1100	2	<2	0.26	12.6	10	90	26	3.19	20	2.33	30		0.29	5800	<1	0.18	39
E601838	K-07-0118	163.55	164.55	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.7	115	1390	0.56	15	50	<0.5	<2	0.18	13.5	2	30	6	4.24	<10	0.19	10		0.27	14350	<1	0.01	5
E601871	K-07-0118	191.6	193.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.8	23	1855	8.81	15	940	2.4	<2	1.07	8.7	12	142	30	3.58	20	1.69	40		0.55	660	1	0.35	53
E601866	K-07-0118	187.8	188.76	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	23	1070	4.07	10	480	1.1	<2	0.32	5.9	7	88	29	2.34	10	1.09	20		0.23	563	1	0.07	26
E601869	K-07-0118	189.76	190.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	2790	0.86	12	100	<0.5	<2	1.13	27.4	3	48	7	0.8	<10	0.23	10		0.06	769	1	0.02	8
E601862	K-07-0118	183.59	184.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	2600	0.46	<5	50	<0.5	<2	0.2	13.2	2	38	4	0.48	<10	0.14	10		0.03	676	<1	0.02	3
E601863	K-07-0118	184.7	185.77	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	49	946	0.35	7	30	<0.5	<2	0.05	14.2	<1	39	11	0.58	<10	0.12	10		0.02	715	1	0.01	3
E601864	K-07-0118	185.77	186.73	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	128	1505	0.37	5	30	<0.5	<2	0.04	21	<1	47	12	0.79	<10	0.13	<10		0.02	1065	<1	0.01	2
E601865	K-07-0118	186.73	187.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	45	2430	0.42	5	50	<0.5	<2	0.06	19	2	35	7	0.51	<10	0.14	10		0.02	697	<1	0.01	4
E601880	K-07-0118	205.67	207.76	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	522	1.88	7	190	<0.5	<2	0.61	0.7	4	51	13	1.79	<10	0.36	10		0.34	277	<1	0.06	11
E601879	K-07-0118	203.6	205.67	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	37	134	0.83	7	80	<0.5	<2	0.3	1.3	1	43	6	1.84	<10	0.15	10		0.22	553	1	0.01	6
E601881	K-07-0118	207.76	209.75	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	681	2.8	7	300	0.7	<2	2.81	0.9	4	62	12	1.84	10	0.49	20		0.57	311	<1	0.13	21
E601882	K-07-0118	209.75	211.76	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	135	2.08	8	270	0.5	<2	2.64	<0.5	4	55	10	1.25	<10	0.37	10		0.33	142	<1	0.11	15
E601883	K-07-0118	211.76	213.33	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	57	1.09	<5	160	<0.5	2	2.04	<0.5	2	33	6	0.76	<10	0.2	10		0.1	84	<1	0.05	7
E601884	K-07-0118	213.33	214.35	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	34	0.54	<5	10	<0.5	2	2.56	<0.5	<1	31	11	1.36	<10	0.01	10		0.18	138	<1	<0.01	7
E601878	K-07-0118	201.6	203.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	92	2.08	5	240	0.6	<2	0.42	<0.5	3	52	8	1.32	10	0.42	10		0.23	110	1	0.07	14
E601886	K-07-0118	216.24	217.63	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	786	1.54	<5	240	<0.5	<2	0.44	1.6	2	45	7	0.92	<10	0.33	10		0.1	288	<1	0.05	12
E776761	K-07-0119	167.03	168.21	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	16	472	4.53	7	540	1.1	<2	2.14	0.5	6	71	21	2.52	10	0.99	20		0.63	336	<1	0.15	25
E776789	K-07-0119	188.37	190.8	QTZT	QTZT	Non-Mineralized	N-AML	0.01	3.9	144	3910	4	149	350	1	<2	1.55	31.6	5	66	37	4.19	10	1.18	20		0.61	7320	1	0.09	25
E776791	K-07-0119	192.94	193.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.2	175	548	8.34	41	820	2.6	<2	2.06	3.6	10	103	32	6.2	20	2.44	30		0.96	5540	<1	0.19	50
E776792	K-07-0119	193.79	194.31	QTZT	QTZT	Non-Mineralized	P-AML	0.05	6.1	205	3250	8.6	54	600	2.3	7	0.34	27.3	3	154	44	7.49	20	1.89	50		0.49	12550	<1	0.34	35
E776785	K-07-0119	183.88	184.9	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	64	479	1.09	6	90	<0.5	<2	0.39	2.9	<1	39	8	1.72	<10	0.27	10		0.13	2030	<1	0.02	9
E776775	K-07-0119	175.56	176.56	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	81	771	1.94	20	250	0.5	<2	0.44	4	4	52	6	4.08	<10	0.66	10		0.16	11100	<1	0.05	18
E776762	K-07-0119	168.21	169.73	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	18	94	4.94	12	590	1.2	<2	1.62	<0.5	7	79	21	2.56	10	1.02	20		0.54	196	<1	0.16	27
E776764	K-07-0119	169.73	170.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	218	852	0.94	<5	110	<0.5	<2	0.92	5.2	2	46	7	1.21	<10	0.24	10		0.27	1115	<1	0.03	8
E776765	K-07-0119	170.65	171.24	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	394	577	9.51	32	1270	2.8	<2	1.67	3.8	14	144	29	3.9	20	2.69	40		0.64	1505	<1	0.27	58
E776770	K-07-0119	172.03	172.04	QTZT	QTZT	Non-Mineralized	N-AML	0.11	0.7	86	1220	1.07	297	110	<0.5	<2	0.13	9.6	3	34	10	3.92	<10	0.29	10		0.12	9320	<1	0.04	8
E776772	K-07-0119	172.8	173.89	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	20	1770	0.49	5	50	<0.5	<2	0.35	15.5	<1	28	11	1.17	<10	0.17	10		0.11	2650	<1	0.01	2
E776787	K-07-0119	186.15	188.37	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	74	499	0.71	214	50	<0.5	<2	0.17	4.4	1	44	11	2.12	<10	0.21	10		0.09	4750	<1	0.02	9
E776774	K-07-0119	174.56	175.56	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.6	128	2500	2.46	30	290	0.6	<2	0.31	27.8	4	62	27	2.33	<10	0.82	10		0.14	3780	<1	0.07	20

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E776786	K-07-0119	184.9	186.15	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.9	185	743	0.35	24	30	<0.5	<2	0.46	7.9	<1	32	7	1.05	<10	0.12	<10		0.2	1920	<1	0.01	4
E776776	K-07-0119	176.56	177.75	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	41	1190	1.07	<5	130	<0.5	<2	0.2	1.6	1	42	4	4.24	<10	0.36	10		0.14	12950	<1	0.03	10
E776777	K-07-0119	177.75	178.71	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	69	790	0.79	7	80	<0.5	<2	2.77	1.4	1	32	3	1.14	<10	0.27	10		0.11	2370	<1	0.02	9
E776778	K-07-0119	178.71	179.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	681	1.48	<5	170	<0.5	<2	3.28	0.6	3	42	7	1.01	<10	0.4	10		0.15	1010	<1	0.04	10
E776780	K-07-0119	179.79	180.84	QTZT	QTZT	Non-Mineralized	N-AML	0.06	<0.5	22	352	6.33	<5	740	1.5	<2	2.45	0.6	6	85	17	2.8	10	1.52	30		0.54	530	<1	0.17	33
E776781	K-07-0119	180.84	181.81	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	30	187	4.55	29	450	1.2	<2	0.57	1.2	6	75	15	3.42	10	1.29	20		0.29	2450	<1	0.13	28
E776782	K-07-0119	181.81	182.68	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	20	199	1.68	15	170	0.5	<2	0.1	1.7	4	52	12	0.93	<10	0.5	10		0.04	1160	<1	0.07	13
E776783	K-07-0119	182.68	183.88	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	9	453	0.41	<5	40	<0.5	<2	0.11	4.8	<1	32	6	0.8	<10	0.14	10		0.04	1335	<1	0.01	4
E776769	K-07-0119	171.6	172.03	QTZT	QTZT	Non-Mineralized	N-AML	0.23	1.3	79	2940	1.52	121	150	<0.5	<2	0.15	24.8	4	40	24	4.53	<10	0.44	10		0.16	13300	2	0.04	11
E776773	K-07-0119	173.89	174.56	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	41	3390	1.29	12	140	<0.5	<2	0.33	34.5	1	49	19	1.92	<10	0.43	10		0.12	4230	<1	0.03	11
E776766	K-07-0119	171.24	171.25	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	2.6	247	1350	10.2	138	1200	2.8	<2	0.32	14.3	15	146	65	5.66	20	2.69	40		0.41	6040	<1	0.26	57
E776800	K-07-0119	200.67	202.57	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	130	0.78	45	130	<0.5	<2	0.05	0.8	1	39	11	0.68	<10	0.27	10		0.03	317	<1	0.02	5
E776793	K-07-0119	194.31	194.67	QTZT	QTZT	Non-Mineralized	N-AML	0.73	7	95	694	1.93	10000	10	0.8	16	0.04	4.9	27	23	5	3.72	10	0.11	10		0.16	3650	<1	0.13	29
E776795	K-07-0119	194.67	195.74	QTZT	QTZT	Non-Mineralized	N-AML	1.19	114	2410	1010	1.69	10000	<10	0.8	231	0.06	9.9	49	27	111	9.36	10	0.01	20		0.17	2260	<1	0.12	27
E776796	K-07-0119	195.74	196.72	QTZT	QTZT	Non-Mineralized	N-AML	0.07	1.7	73	981	0.57	1460	20	<0.5	2	0.11	8.9	7	36	30	3.47	<10	0.19	10		0.07	2260	<1	0.01	8
E776797	K-07-0119	196.72	197.72	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	22	485	0.44	50	60	<0.5	<2	0.06	3.4	<1	46	6	0.68	<10	0.14	10		0.04	433	<1	0.01	4
E776810	K-07-0119	219.47	221.89	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	36	3.2	<5	360	0.9	<2	0.1	<0.5	4	60	8	1.9	10	0.56	20		0.23	134	<1	0.09	22
E776799	K-07-0119	198.67	200.67	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	250	2.26	40	430	0.7	<2	0.2	0.8	2	54	9	1.04	10	0.74	20		0.11	409	<1	0.05	10
E776801	K-07-0119	202.57	204.69	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	186	0.49	24	80	<0.5	<2	0.07	0.5	<1	36	22	0.52	<10	0.16	10		0.03	436	<1	0.01	3
E776802	K-07-0119	204.69	206.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	226	1.38	5	180	<0.5	<2	0.1	<0.5	2	33	5	0.89	<10	0.39	10		0.11	279	<1	0.03	6
E776803	K-07-0119	206.65	208.67	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	400	0.76	<5	110	<0.5	<2	0.49	0.9	1	34	8	0.86	<10	0.25	10		0.19	518	<1	0.02	8
E776805	K-07-0119	208.67	210.67	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	40	357	0.56	37	70	<0.5	<2	0.07	2.6	<1	43	11	0.62	<10	0.2	10		0.04	505	1	0.01	1
E776806	K-07-0119	210.67	212.75	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	22	214	2.48	22	270	0.6	<2	0.09	1.1	5	54	27	2.74	10	0.57	10		0.25	407	<1	0.06	21
E776807	K-07-0119	212.75	215.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	121	3.91	<5	570	1.2	<2	0.22	<0.5	5	66	12	1.75	10	0.89	20		0.33	176	<1	0.17	30
E776808	K-07-0119	215.79	217.88	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	197	2.14	<5	300	0.6	<2	0.48	<0.5	5	43	6	1.14	<10	0.5	10		0.24	258	<1	0.07	13
E776809	K-07-0119	217.88	219.47	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	205	2.21	<5	300	0.7	<2	0.21	<0.5	3	46	7	1.14	10	0.51	20		0.18	255	<1	0.07	14
E776798	K-07-0119	197.72	198.67	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	3	363	0.32	68	40	<0.5	2	0.06	1.5	4	34	14	1.97	<10	0.1	10		0.04	974	<1	0.01	3
E753621	K-07-0120	140.94	142.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.5	195	4300	1.78	43	230	<0.5	<2	0.13	48.6	3	40	26	1.6	<10	0.52	10		0.09	2470	<1	0.06	11
E753622	K-07-0120	142.65	144.64	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	77	674	2.38	49	310	0.6	2	0.73	9.2	4	58	9	1.82	<10	0.68	10		0.33	1800	1	0.08	20
E753623	K-07-0120	144.64	146.65	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	14	643	3.7	37	490	1	<2	0.67	5	6	70	16	2.01	10	0.88	20		0.29	308	<1	0.15	27
E753625	K-07-0120	146.65	148.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	78	654	5.88	38	840	1.8	<2	1.45	2.4	8	93	20	3.01	10	1.34	30		0.45	879	1	0.32	39
E753626	K-07-0120	148.65	150.65	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	252	722	2.97	47	440	0.8	<2	0.91	3.4	6	60	14	2.04	<10	0.8	20		0.3	2030	1	0.13	20
E753627	K-07-0120	150.65	152.65	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.8	44	392	1.92	21	310	0.5	<2	1	0.8	4	49	203	1.07	<10	0.61	10		0.13	865	<1	0.07	15
E753628	K-07-0120	152.65	154.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	231	1610	0.82	23	130	<0.5	<2	0.82	9.2	3	37	13	1.68	<10	0.25	10		0.11	4440	<1	0.04	6
E753653	K-07-0120	178.31	180.3	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	21	464	1.76	<5	200	<0.5	<2	1.1	2.1	3	42	12	2.11	<10	0.32	10		0.56	508	1	0.04	13
E753647	K-07-0120	175.11	175.46	QTZT	QTZT	Non-Mineralized	N-AML	0.19	6.4	59	3170	0.33	123	20	<0.5	<2	0.19	5.7	8	<1	21	25.1	<10	0.08	<10		0.3	81100	1	0.01	<1
E753648	K-07-0120	175.46	176	QTZT	QTZT	Non-Mineralized	N-AML	0.56	5	228	4010	0.62	19	30	<0.5	<2	0.14	23.2	3	12	37	15.8	<10	0.1	10		0.22	48000	1	0.02	<1
E753640	K-07-0120	168.86	170.08	QTZT	QTZT	Non-Mineralized	N-AML	0.02	5.4	127	4240	1.68	64	180	0.6	<2	0.16	36.8	3	46	39	4.57	<10	0.48	10		0.31	13150	<1	0.04	15
E753654	K-07-0120	180.3	182.3	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.4	5	139	2.72	12	420	0.8	<2	0.11	0.6	4	51	9	1.36	10	0.66	20		0.2	141	<1	0.1	15
E753655	K-07-0120	182.3	185.32	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1	6	240	3.05	13	420	1	<2	0.5	0.5	6	51	25	1.85	<10	0.68	20		0.4	274	1	0.16	18
E753656	K-07-0120	185.32	186.4	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	7	151	1.17	<5	190	<0.5	<2	0.09	<0.5	4	35	71	1.5	10	0.3	10		0.24	208	1	0.01	8
E753630	K-07-0120	156.65	158.65	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	82	838	2.37	92	380	0.7	<2	0.38	6.6	2	56	19	1.81	10	0.73	10		0.19	2300	1	0.08	14
E753643	K-07-0120	171.3	173.13	QTZT	QTZT	Non-Mineralized	N-AML	0.1	2.3	102	1270	1.84	51	170	0.5	<2	0.14	11.8	3	45	30	2.71	<10	0.55	10		0.13	3910	4	0.05	12
E753629	K-07-0120	154.65	156.65	QTZT	QTZT	Non-Mineralized	N-AML	0.05	0.9	129	1500	1.2	129	190	<0.5	<2	0.21	13.3	2	40	13	1.68	<10	0.39	10		0.07	3100	<1	0.04	13
E753644	K-07-0120	173.13	174.35	QTZT	QTZT	Non-Mineralized	N-AML	0.2	8.9	557	4180	4.79	4920	310	1.2	2	0.21	41.2	13	68	232	6.68	10	0.98	30		0.31	10700	1	0.19	22
E753632	K-07-0120	158.65	160.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	142	821	2.08	67	340	0.5	<2	1.87	5.1	4	55	33	2.09	<10	0.65	10		0.29	2820	2	0.08	17
E753633	K-07-0120	160.65	162.65	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.8	128	979	2.19	71	310	0.7	<2	0.48	9.6	3	51	301	1.71	<10	0.7	10		0.18	2470	<1	0.07	14
E753634	K-07-0120	162.65	164.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.9	434	1720	2.41	31	300	0.7	<2	0.16	15	4	52	12	3.86	<10	0.78	10		0.22	11650	<1	0.07	17
E753635	K-07-0120	164.65	166.35	QTZT	QTZT	Non-Mineralized	N-AML	0.01	13.4	133	2580	3.25	78	460	1	<2	0.19	22.6	8	59	341	4.7	10	1.06	20		0.24	11700	<1	0.08	21
E753636	K-07-0120	166.35	166.8	QTZT	QTZT	Non-Mineralized	N-AML	0.03	1.1	71	1950	4.83	56	520	1.3	<2	0.16	14.7	9	72	34	4.53	10	1.41	20		0.35	7750	<1	0.09	21
E753641	K-07-0120	170.08	171.3	QTZT	QTZT	Non-Mineralized	N-AML	0.04	1.7	53	949	0.93	128	90	<0.5	<2	0.11	6.9	4	28	17	2.28	<10	0.29	10		0.08	2870	1	0.02	9
E753660	K-07-0120	190.78	192.8	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	<2	135	2.58	<5	540	0.6	<2	0.76	<0.5	15	44	125	3.01	10	0.59	10		0.54	292	<1	0.15	22
E753661	K-07-0120	192.8	194.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	282	4.19	<5	960	1	<2	0.48	<0.5	6	63	53	1.78	10	0.78	20		0.39	406	1	0.37	37
E753663	K-07-0120	196.8	198.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	7	42	5.44	14	1220	1.3	2	1.24	<0.5	12	60	57	2.57	10	0.82	20		0.72	306	1	0.45	43
E753662	K-07-0120	194.8	196.8	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	34	2.5	<5	690	0.6	<2	0.07	<0.5	2	41	21	1.13	<10	0.54	10		0.24	81	3	0.16	23
E753680	K-07-0120	224.05	226.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	7	158	0.31	5	60	<0.5	<2	1.25	<0.5	2	26	35	1.42	<10	0.03	<10		0.63	388	<1	0.02	5
E753681	K-07-0120	226.05	228.25	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	121	1.6	<5	370	<0.5	<2	0.14	<0.5	6	38	39	1.38	<10	0.24	10		0.21	220	<1	0.16	17
E753679	K-07-0120	222.05	224.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	141	0.45	18	70	<0.5	3	0.16	<0.5	1	28	8	0.53	<10	0.07	<10		0.07	282	<1	0.03	6
E753678	K-07-0120	220.05	222.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	127	0.33	10	60	<0.5	<2	0.21	0.5	1	29	9	0.42	<10	0.06	<10		0.06	248	<1	0.03	4
E753669	K-07-0120	206.05	208.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	96	1.57	8	580	<0.5	<2	0.27	<0.5	3	35	22	0.81	<10	0.34	10		0.18	235	1	0.1	11
E753672	K-07-0120	210.05	212.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.2	6	43	0.39	7	160	<0.5	2	0.05	<0.5	1	25	23	0.2	<10	0.08	<10		0.01	120	2	0.04	3
E753673	K-07-0120	212.05	214.05	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	55	0.65	11	380	<0.5	<2	0.07	<0.5	1	33	10	0.24	<10	0.16	10		0.04	110	1	0.04	5
E753674	K-07-0120	214.05	216.05	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	55	0.59	10	250	<0.5	<2	0.1	<0.5	1	34	10	0.3	<10	0.14	10		0.03	124	1	0.04	4
E753675	K-07-0120	216.05	218.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	4	141	0.37	5	80	<0.5	<2	0.08	0.7	1	39	10	0.32	<10	0.08	<10		0.03	244	1	0.03	4
E753670	K-07-0120	208.05	210.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	104	0.92	6	510	<0.5	<2	0.1	0.6	<1	27	6	0.26	<10	0.23	10		0.04	184	<1	0.06	5
E753676	K-07-0120	218.05	220.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.7	3	81	2.32	15	510	0.7	3	0.16	0.6	2	41	11	0.34	10	0.39	10		0.06	141	<1	0.29	12
E753683	K-07-0120	229.43	231.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.3	6	60	1.2	9	470	<0.5	<2	0.24	<0.5	2	53	32	0.71	<10	0.3	10		0.12	138	<1	0.06	13
E753685	K-07-0120	231.45	233.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	2	49	0.25	7	70	<0.5	<2	0.06	<0.5	<1	36	8	0.39	<10	0.05	<10		0.06	93	<1	0.01	4
E753686	K-07-0120	233.45	235.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	171	0.22	45	50	<0.5	<2	0.04	1.2	1	35	9	0.42	<10	0.06	<10		0.03	265	<1	<0.01	6
E753687	K-07-0120	235.45	237	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	23	214	0.33	8	60	<0.5	<2	0.07	2.5	<1	33	7	0.59	<10	0.06	<10		0.06	208	<1	0.01	6

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E753689	K-07-0120	239	241	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	6	144	4.16	11	670	0.9	<2	0.6	1.6	6	64	29	2.14	10	0.65	20		0.6	261	<1	0.29	30
E753688	K-07-0120	237	239	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	6	71	1.57	5	240	<0.5	<2	0.35	0.7	4	43	14	1.24	<10	0.19	10		0.28	160	1	0.1	13
E753694	K-07-0120	247	249	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	51	0.74	30	140	<0.5	<2	0.03	<0.5	1	38	4	0.54	<10	0.13	10		0.04	113	<1	0.06	8
E753690	K-07-0120	241	243	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	94	0.73	5	110	<0.5	<2	0.08	1.2	4	30	12	0.89	<10	0.12	10		0.17	177	<1	0.03	9
E753692	K-07-0120	243	245	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	4	22	0.27	<5	60	<0.5	<2	0.02	<0.5	<1	29	6	0.28	<10	0.07	<10		0.01	68	<1	<0.01	3
E753693	K-07-0120	245	247	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	38	0.22	6	70	<0.5	<2	0.02	0.5	<1	28	3	0.27	<10	0.06	<10		0.01	53	<1	<0.01	3
E753695	K-07-0120	249	251	QTZT	QTZT	Mineralized	P-AML	0.02	<0.5	<2	18	0.24	19	50	<0.5	<2	0.02	<0.5	<1	34	3	0.31	<10	0.04	<10		0.02	64	<1	0.01	4
E753696	K-07-0120	251	251.75	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	24	0.25	<5	80	<0.5	<2	0.02	<0.5	1	24	2	0.24	<10	0.06	<10		0.01	40	<1	<0.01	5
E776826	K-07-0121	26.11	28.54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	49	144	5.36	10	960	1.2	<2	2.49	1.7	5	65	33	2.57	10	1.05	20		0.52	226	<1	0.79	29
E776827	K-07-0121	28.54	29.59	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	24	109	1.01	<5	130	<0.5	<2	1.69	1.1	<1	33	9	0.97	<10	0.15	10		0.16	187	<1	0.06	5
E776834	K-07-0121	38.09	40.13	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.2	8	74	2.02	6	180	0.5	<2	1.23	<0.5	5	37	9	2.15	<10	0.34	10		0.2	225	<1	0.07	15
E776829	K-07-0121	30.1	32.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	10	252	7.03	7	1000	1.6	<2	4.28	1	8	109	35	3.38	20	1.13	30		0.88	441	<1	0.56	36
E776840	K-07-0121	48.11	50.09	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	16	818	1.92	<5	250	0.5	<2	0.69	2.3	7	51	8	2.14	<10	0.36	10		0.14	1160	<1	0.05	17
E776830	K-07-0121	32.1	34.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	102	0.71	<5	100	<0.5	<2	1.13	<0.5	1	31	10	0.63	<10	0.14	10		0.1	174	<1	0.03	6
E776837	K-07-0121	44.13	46.09	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.3	648	1485	1.12	48	200	<0.5	<2	0.1	27.4	4	33	23	2.4	<10	0.34	10		0.02	2270	<1	0.02	9
E776833	K-07-0121	36.09	38.09	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	10	91	2.36	6	290	0.6	<2	1.77	<0.5	4	43	8	2.45	<10	0.43	20		0.31	240	<1	0.1	16
E776835	K-07-0121	40.13	42.12	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	6.2	19	443	3.9	13	540	1	<2	0.74	1.8	7	60	22	2.11	10	0.87	20		0.19	389	<1	0.15	24
E776836	K-07-0121	42.12	44.13	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.4	392	1790	3.13	56	430	0.9	<2	0.13	26.4	1	54	37	3.32	10	0.96	20		0.08	2660	<1	0.06	8
E776839	K-07-0121	46.09	48.11	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	18	297	0.7	8	110	<0.5	<2	1.75	1	3	26	6	1.44	<10	0.13	10		0.14	489	<1	0.01	5
E776831	K-07-0121	34.1	36.09	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	8	81	2.66	<5	410	0.7	<2	1.05	<0.5	4	47	15	1.47	10	0.55	20		0.18	97	<1	0.16	14
E776841	K-07-0121	50.09	52.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	46	317	2.87	6	360	0.8	<2	0.58	1	9	48	10	2.01	10	0.56	20		0.18	734	<1	0.06	23
E776843	K-07-0121	52.1	54.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	8	196	2.92	14	370	0.8	<2	1.37	<0.5	6	50	19	2.28	10	0.6	20		0.28	245	2	0.08	20
E776853	K-07-0121	70.07	71.89	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	41	0.6	<5	90	<0.5	<2	1.41	<0.5	2	41	4	1.19	<10	0.1	10		0.16	143	<1	0.01	7
E776852	K-07-0121	68.1	70.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	66	1.42	6	220	<0.5	<2	0.75	<0.5	4	46	6	1.27	<10	0.27	10		0.16	129	<1	0.02	10
E776851	K-07-0121	66.24	68.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	40	0.66	<5	70	<0.5	<2	0.66	<0.5	3	45	4	1.28	<10	0.08	10		0.14	126	<1	0.01	6
E776849	K-07-0121	64.24	66.24	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	50	1	<5	110	<0.5	<2	1.34	<0.5	4	39	5	1.38	<10	0.14	10		0.19	147	<1	0.01	9
E776856	K-07-0121	73.89	76.02	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	19	153	3.05	8	470	0.7	<2	2.05	0.7	5	60	13	1.99	10	0.72	20		0.38	222	<1	0.08	19
E776855	K-07-0121	71.89	73.89	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	104	4.7	7	610	1.2	<2	2.05	<0.5	8	64	17	2.67	10	0.91	20		0.42	211	<1	0.1	24
E776858	K-07-0121	78.03	79.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	49	1.27	<5	180	<0.5	<2	0.4	<0.5	2	44	5	1.12	<10	0.27	10		0.11	126	<1	0.02	8
E776859	K-07-0121	79.5	81.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	46	1.13	7	190	<0.5	<2	0.42	<0.5	1	47	5	0.79	<10	0.3	10		0.1	91	<1	0.02	7
E776857	K-07-0121	76.02	78.03	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	49	1.86	8	300	0.5	<2	2.35	<0.5	3	43	9	1.19	<10	0.47	10		0.33	159	<1	0.06	11
E776873	K-07-0121	98.3	98.83	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	84	6.2	<5	60	<0.5	<2	5.75	<0.5	34	138	139	6.47	20	0.09	10		3.02	919	<1	0.08	70
E776872	K-07-0121	97.13	98.3	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	4	60	2.62	<5	430	0.7	<2	4.58	0.5	3	50	10	1.52	10	0.56	10		0.61	172	1	0.09	16
E776874	K-07-0121	98.83	100.83	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	47	3.11	6	490	0.8	<2	4.25	<0.5	4	47	11	1.71	10	0.66	20		0.61	139	<1	0.11	17
E776876	K-07-0121	100.83	102.82	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	8	63	3.59	<5	460	0.9	<2	3.19	0.6	6	62	12	2.47	10	0.67	20		0.4	185	<1	0.09	20
E776879	K-07-0121	106.36	108.02	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	2050	1.54	<5	260	<0.5	<2	5.19	7.7	5	29	7	1.64	<10	0.36	10		1.43	835	<1	0.09	12
E776877	K-07-0121	102.82	104.82	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	43	1.61	<5	220	<0.5	<2	0.74	<0.5	2	49	4	1.18	<10	0.33	10		0.16	105	<1	0.04	5
E776878	K-07-0121	104.82	106.36	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	97	3.57	<5	520	0.9	2	3.46	0.6	3	59	12	1.93	10	0.69	20		0.62	172	<1	0.14	17
E776884	K-07-0121	116.81	118.81	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	3760	1.67	<5	290	0.5	<2	2.09	20.7	3	39	7	1.11	<10	0.41	10		0.2	1210	<1	0.11	16
E776885	K-07-0121	118.81	120.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	2280	2.08	9	340	0.5	<2	6.53	11.5	2	41	8	1.4	10	0.53	10		0.31	674	<1	0.13	14
E776883	K-07-0121	114.81	116.81	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	4020	0.72	<5	100	<0.5	<2	0.96	18.4	2	36	4	0.85	<10	0.16	10		0.14	1155	<1	0.04	10
E776887	K-07-0121	120.79	121.64	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	1500	3.67	<5	1020	0.9	<2	3.81	6.3	4	72	20	1.91	10	1.05	20		0.62	646	<1	0.14	28
E776918	K-07-0121	148.28	149.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	39	2860	0.33	46	40	<0.5	3	0.03	28	2	31	34	0.87	<10	0.11	10		0.02	1255	<1	0.01	<1
E776899	K-07-0121	135.15	136.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	129	1210	1.54	7	490	0.5	<2	0.26	5.9	1	39	11	1.02	<10	0.56	10		0.24	735	1	0.02	14
E776898	K-07-0121	134.17	135.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	1230	0.47	<5	180	<0.5	<2	0.19	5	<1	26	4	0.55	<10	0.18	10		0.07	435	<1	0.01	4
E776897	K-07-0121	133.18	134.17	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	1130	1.19	7	210	<0.5	<2	0.19	3.7	4	34	23	1.33	<10	0.23	10		0.36	454	<1	0.01	14
E776896	K-07-0121	132.14	133.18	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	902	0.74	<5	180	<0.5	<2	0.15	2.8	2	30	13	0.73	<10	0.18	10		0.2	369	<1	0.02	7
E776895	K-07-0121	130.14	132.14	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	1610	1.15	<5	330	<0.5	<2	1.68	4.1	1	43	27	0.91	<10	0.21	10		0.36	699	2	0.02	13
E776924	K-07-0121	151.5	152.09	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.2	59	4140	0.73	42	80	<0.5	<2	0.12	25.9	3	31	33	1.69	<10	0.21	10		0.09	3030	<1	0.02	4
E776903	K-07-0121	138.51	139.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.8	117	3800	1.91	22	260	0.5	<2	0.17	32.4	4	42	15	4.39	<10	0.68	10		0.15	13250	<1	0.05	9
E776905	K-07-0121	140.5	141.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.1	46	2170	0.97	10	110	<0.5	<2	0.09	17.4	3	38	17	1.93	<10	0.35	10		0.06	4680	<1	0.02	4
E776925	K-07-0121	152.09	153.08	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	40	1170	1.36	6	220	<0.5	<2	0.06	6.3	3	53	20	1	<10	0.45	10		0.08	1375	<1	0.03	5
E776931	K-07-0121	159.06	160.49	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	20	661	5.25	16	870	1.5	<2	1.82	3.5	10	80	43	2.55	10	1.27	20		0.54	313	3	0.29	35
E776930	K-07-0121	157.08	159.06	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	10	2480	2.1	<5	330	0.5	<2	1.12	10.8	3	54	10	1.3	<10	0.49	10		0.21	699	1	0.08	16
E776929	K-07-0121	155.1	157.08	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	1.2	40	1450	4.5	13	690	1.3	<2	0.73	10.1	8	74	20	2.92	10	1.18	20		0.37	2550	1	0.2	28
E776928	K-07-0121	154.08	155.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.3	92	2290	2.76	6	390	0.7	<2	0.78	14.8	5	63	23	1.97	<10	0.75	20		0.31	957	2	0.09	19
E776926	K-07-0121	153.08	154.08	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	7.9	237	1570	5.91	31	760	1.6	<2	0.43	8	8	95	81	3.55	10	1.64	30		0.38	3410	4	0.15	36
E776939	K-07-0121	172.52	174.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	24	2470	1.85	<5	300	0.5	<2	1.57	5.8	5	42	14	1.28	<10	0.48	10		0.27	775	<1	0.07	12
E776938	K-07-0121	170.47	172.52	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	3900	1.11	<5	150	<0.5	<2	0.59	12.9	5	41	7	0.97	<10	0.26	10		0.16	1155	<1	0.05	8
E776937	K-07-0121	168.42	170.47	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	1880	0.57	6	50	<0.5	<2	0.27	7.1	3	38	3	1.07	<10	0.09	10		0.1	522	<1	0.01	6
E776936	K-07-0121	166.42	168.42	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	1280	1.15	<5	130	<0.5	<2	1.72	3.9	4	35	7	0.89	<10	0.23	10		0.13	404	<1	0.04	8
E776934	K-07-0121	162.5	164.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	24	3120	0.42	<5	70	<0.5	<2	0.06	10.1	4	29	1	0.44	<10	0.14	<10		0.02	713	<1	0.01	3
E776933	K-07-0121	160.49	162.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	2920	0.61	7	100	<0.5	<2	2.1	8.5	2	33	3	0.57	<10	0.17	10		0.07	639	<1	0.02	6
E776945	K-07-0121	181.93	182.73	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	<0.5	9	965	4.17	20	690	1.1	<2	0.17	3.1	8	72	20	2.26	10	0.93	20		0.34	421	2	0.12	33
E776944	K-07-0121	179.69	181.93	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	410	0.91	5	140	<0.5	<2	0.49	4.7	1	35	5	0.9	<10	0.2	10		0.27	190	1	0.03	5
E776942	K-07-0121	177.69	179.69	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	484	0.93	<5	110	<0.5	<2	0.08	4.3	<1	37	5	0.89	<10	0.18	10		0.12	168	1	0.03	7
E776959	K-07-0121	201.85	203.92	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	38	899	0.51	31	60	<0.5	<2	0.79	5.4	<1	36	3	0.79	<10	0.15	<10		0.1	748	1	0.01	5
E776960	K-07-0121	203.92	205.83	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	1090	0.84	8	90	<0.5	<2	0.48	7.5	<1	42	4	0.79	<10	0.18	10		0.08	403	1	0.02	8
E776958	K-07-0121	199.85	201.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	1240	1.54	33	170	<0.5	<2	0.73	6.4	2	48	6	1.21	<10	0.33	10		0.2	533	1	0.04	11
E776964	K-07-0121	211	212.13	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	22	153	8.02	21	860	2.4	<2	2.49	<0.5	10	129	22	4.04	20	1.39	30		0.57	257	<1	0.38	51

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E776963	K-07-0121	209.86	211	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	241	2.29	13	290	0.7	<2	1.6	1.2	3	52	10	1.36	10	0.49	10		0.21	170	<1	0.09	17
E776961	K-07-0121	205.83	207.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	9	259	0.87	6	100	<0.5	<2	0.56	1	1	45	3	0.92	<10	0.2	10		0.11	377	<1	0.02	8
E776962	K-07-0121	207.85	209.86	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	711	1.71	13	230	<0.5	<2	1.02	5.9	2	40	5	1.12	<10	0.41	10		0.13	378	<1	0.04	11
E776956	K-07-0121	197.85	199.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	5	231	2.06	31	210	<0.5	<2	0.38	1.9	2	52	7	1.51	<10	0.4	10		0.22	197	1	0.04	15
E776955	K-07-0121	195.85	197.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	7	413	2.89	20	330	0.7	<2	0.36	3.3	3	57	12	1.6	10	0.68	20		0.23	181	1	0.09	20
E776954	K-07-0121	193.85	195.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	1075	2.03	49	270	<0.5	<2	0.56	22.4	3	51	8	1.11	<10	0.57	10		0.26	322	1	0.07	14
E776953	K-07-0121	191.88	193.85	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	9	2570	0.58	98	50	<0.5	<2	1.58	26.9	1	31	3	1.31	<10	0.12	10		0.69	763	1	0.01	6
E776952	K-07-0121	189.9	191.88	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	17	707	4.48	91	690	1.2	<2	0.35	4.4	5	65	18	2.1	10	0.72	20		0.38	258	1	0.39	30
E776951	K-07-0121	187.9	189.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	4	167	3.14	20	520	0.8	<2	0.16	0.7	4	58	22	1.13	10	0.38	20		0.15	121	2	0.32	18
E776949	K-07-0121	185.91	187.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	385	2.72	13	430	0.6	<2	0.16	1.4	3	50	9	1.27	10	0.36	10		0.17	192	1	0.25	16
E602141	K-07-0122	23.81	25.81	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	3	45	5.89	8	1080	1.1	<2	2.58	<0.5	7	68	51	3.01	10	1.36	20		0.63	248	<1	0.97	35
E602144	K-07-0122	27.7	29.78	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	91	6.34	9	370	0.6	<2	5.92	<0.5	25	151	85	5.35	10	0.4	10		2.51	753	<1	0.2	67
E602142	K-07-0122	25.81	27.7	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	14	82	2.56	8	340	0.5	<2	2.45	<0.5	6	37	33	2.21	<10	0.44	10		0.5	305	<1	0.14	13
E602152	K-07-0122	41.2	42.23	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	105	565	0.45	<5	50	<0.5	<2	0.45	5.5	2	32	6	1.55	<10	0.11	10		0.06	2640	<1	0.01	6
E602153	K-07-0122	42.23	43.16	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	111	444	0.41	31	60	<0.5	<2	0.03	2.3	1	27	4	1.27	<10	0.14	10		0.01	227	<1	0.01	4
E602155	K-07-0122	45.18	47.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	69	2050	2.99	28	470	0.8	<2	0.22	22.8	9	52	15	2.12	10	0.93	20		0.14	3310	<1	0.07	23
E602156	K-07-0122	47.07	49.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.2	251	576	0.59	26	80	<0.5	<2	0.03	9.1	1	38	11	1.21	<10	0.22	10		0.01	1380	<1	0.02	3
E602158	K-07-0122	49.05	50.64	QTZT	QTZT	Non-Mineralized	N-AML	0.03	13.2	170	1430	1.03	5	170	<0.5	<2	0.12	18	3	36	27	1.12	<10	0.29	10		0.07	1585	2	0.03	10
E602149	K-07-0122	34.95	36.68	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	81	2.26	9	260	0.6	<2	1.66	<0.5	4	42	7	2.41	<10	0.41	10		0.23	228	<1	0.1	15
E602151	K-07-0122	38.43	41.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	35	311	4.78	6	560	1.2	3	0.92	0.6	8	63	19	3.71	10	0.98	20		0.31	1225	<1	0.13	32
E602150	K-07-0122	36.68	38.43	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	69	2.83	10	330	0.7	<2	2.38	<0.5	4	48	12	2.01	<10	0.48	20		0.19	221	<1	0.17	18
E602154	K-07-0122	43.16	45.18	QTZT	QTZT	Non-Mineralized	N-AML	0.01	5	329	4140	0.61	55	90	<0.5	2	0.07	63.7	2	25	19	6.92	<10	0.21	10		<0.01	13750	<1	0.02	8
E602146	K-07-0122	30.88	32.96	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	144	2.81	7	420	0.6	3	1.24	<0.5	3	48	12	1.52	<10	0.62	20		0.25	125	<1	0.15	15
E602147	K-07-0122	32.96	34.95	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	23	124	6.42	9	900	1.5	<2	0.97	<0.5	6	98	17	3.45	20	1.28	30		0.42	173	<1	0.36	38
E602145	K-07-0122	29.78	30.88	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	85	2.3	<5	370	0.5	2	1.5	<0.5	2	46	7	1.25	<10	0.52	20		0.18	161	<1	0.16	9
E602174	K-07-0122	71.8	73.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	53	3.83	15	480	0.9	<2	3.73	<0.5	6	76	17	2.32	10	0.67	20		0.64	239	<1	0.18	25
E602170	K-07-0122	64.69	66.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	51	0.77	10	110	<0.5	<2	1.98	<0.5	2	35	3	1.12	<10	0.14	10		0.15	151	<1	0.01	9
E602171	K-07-0122	66.65	68.64	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	45	1.96	7	290	0.5	<2	0.72	<0.5	2	50	3	1.24	<10	0.42	10		0.17	101	<1	0.05	13
E602172	K-07-0122	68.64	69.82	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	29	1.91	8	290	0.5	<2	0.39	<0.5	2	46	4	1.06	<10	0.44	10		0.14	87	<1	0.04	8
E602173	K-07-0122	69.82	71.8	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	52	2.54	13	390	0.6	<2	2.53	<0.5	4	52	10	1.56	<10	0.52	10		0.4	173	2	0.1	14
E602175	K-07-0122	73.45	75.54	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	7	35	2.16	10	340	0.6	<2	2.84	<0.5	3	43	5	1.28	<10	0.42	10		0.4	122	<1	0.12	11
E602177	K-07-0122	75.54	77.04	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	34	1.38	<5	170	<0.5	<2	0.84	<0.5	2	38	3	1.21	<10	0.24	10		0.27	96	<1	0.06	12
E602178	K-07-0122	77.04	79.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	21	1.28	7	230	<0.5	<2	0.58	<0.5	1	45	2	0.8	<10	0.34	10		0.12	79	<1	0.03	7
E602185	K-07-0122	88.38	90.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	10	71	1.67	6	290	<0.5	<2	2.92	<0.5	5	31	7	1.14	<10	0.39	10		0.88	121	<1	0.11	10
E602186	K-07-0122	90.5	92.55	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	91	2.16	9	360	0.6	<2	2.44	<0.5	5	37	9	1.02	<10	0.54	10		0.4	148	<1	0.11	13
E602187	K-07-0122	92.55	94.64	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	21	82	5.81	8	590	1.3	<2	1.96	<0.5	9	76	18	3.51	10	0.87	30		0.63	200	1	0.16	37
E602192	K-07-0122	100.6	102.56	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	24	1050	7.17	13	830	1.8	2	2.07	2	12	94	21	4.4	20	1.18	30		1.07	585	1	0.27	45
E602191	K-07-0122	98.7	100.6	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	8	644	2.41	8	410	0.7	<2	4.58	0.9	6	37	12	1.5	<10	0.52	10		0.91	377	1	0.12	15
E602190	K-07-0122	96.6	98.7	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	9	331	3.4	16	330	0.7	2	5.27	<0.5	12	72	44	2.65	10	0.45	10		1.18	447	1	0.09	32
E602188	K-07-0122	94.64	96.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	68	5.3	16	600	1.3	2	1.92	<0.5	8	71	18	2.87	10	0.83	20		0.52	156	<1	0.18	29
E602197	K-07-0122	110.96	112.63	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	4	239	2.28	<5	500	0.5	<2	3.27	1.2	2	54	13	1.3	10	0.57	20		0.41	215	1	0.1	17
E602196	K-07-0122	108.93	110.96	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.5	12	143	3.28	8	570	0.8	<2	4.17	0.6	5	72	12	1.78	10	0.78	20		0.35	124	<1	0.25	17
E602195	K-07-0122	106.78	108.93	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	127	4.4	<5	550	1.1	<2	2.18	<0.5	7	60	11	2.53	10	0.76	20		0.57	224	<1	0.18	26
E602203	K-07-0122	118.06	120.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	89	1.47	6	210	<0.5	<2	6.56	<0.5	6	38	46	1.32	<10	0.17	10		0.52	518	<1	0.01	13
E602204	K-07-0122	120.1	122.11	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	78	0.62	5	200	<0.5	<2	2.2	<0.5	2	28	22	0.7	<10	0.17	10		0.15	238	<1	0.01	3
E602205	K-07-0122	122.11	124.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	10	145	4.53	<5	190	1.2	<2	0.91	<0.5	10	66	55	2.55	10	1.31	20		0.78	402	1	0.05	47
E602206	K-07-0122	124.07	125.15	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	<2	148	3.62	<5	770	1.1	<2	1.05	0.5	6	60	26	2.14	10	1.13	20		0.55	585	<1	0.04	20
E602247	K-07-0122	167.8	169.41	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	93	1100	3.05	20	420	0.9	<2	0.11	8.6	7	52	12	2.06	10	0.98	20		0.2	1580	<1	0.07	19
E602246	K-07-0122	166.71	167.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.9	137	3400	1.61	27	170	<0.5	<2	0.09	35.5	1	47	31	1.93	<10	0.48	10		0.12	2770	<1	0.05	9
E602245	K-07-0122	165.71	166.71	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.4	158	4680	2.72	161	280	0.6	5	0.19	50.7	2	63	47	2.93	10	0.83	20		0.14	3290	1	0.09	16
E602229	K-07-0122	154.53	156.93	QTZT	QTZT	Non-Mineralized	N-AML	0.03	10	278	4230	2.91	1110	220	1.2	5	0.17	38.9	7	41	175	9.49	<10	0.6	30		0.27	18450	<1	0.1	25
E602248	K-07-0122	169.41	170.32	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.8	163	3840	3.18	18	510	1	2	0.2	39.5	6	59	43	3.03	10	1.08	20		0.23	4730	1	0.09	20
E602250	K-07-0122	172.32	174.31	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	25	455	2.36	7	330	0.7	<2	0.41	3.2	3	48	10	1.2	10	0.6	10		0.22	405	2	0.15	15
E602254	K-07-0122	177.15	179.22	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	132	1115	1.66	14	220	0.5	3	1.06	10.6	4	52	11	2.31	<10	0.59	10		0.43	2130	2	0.05	16
E602266	K-07-0122	198.04	200.2	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	10	158	3.62	<5	430	0.8	<2	1.58	<0.5	6	62	12	1.82	10	0.75	20		0.45	164	1	0.16	23
E602264	K-07-0122	196.06	198.04	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	6	821	1.59	<5	200	<0.5	<2	3.27	1.8	3	42	8	1.07	<10	0.36	10		0.21	304	1	0.06	14
E602263	K-07-0122	194.26	196.06	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.7	17	1505	3.74	11	390	0.9	<2	2.67	2.3	9	73	35	4.81	10	0.72	10		0.51	939	<1	0.12	29
E602262	K-07-0122	192.63	194.26	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	9	87	2.36	5	250	0.6	<2	1.58	0.5	4	53	9	1.34	10	0.49	10		0.17	304	<1	0.1	15
E602261	K-07-0122	190.55	192.63	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	4	35	0.41	6	50	<0.5	<2	1.07	<0.5	1	38	4	0.55	<10	0.1	<10		0.08	144	1	0.01	4
E602260	K-07-0122	188.58	190.55	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	46	0.86	<5	100	<0.5	3	1.92	<0.5	1	34	4	0.74	<10	0.21	10		0.12	134	<1	0.02	7
E602259	K-07-0122	186.46	188.58	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	100	5.51	25	630	1.4	<2	1.85	0.7	8	80	17	2.5	10	1.08	30		0.38	153	<1	0.18	36
E602258	K-07-0122	184.43	186.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	772	3.42	<5	410	0.9	<2	1.81	6.6	4	72	12	1.9	10	0.91	20		0.64	401	1	0.1	20
E602257	K-07-0122	182.7	184.43	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	204	3020	0.88	15	60	<0.5	2	0.31	21.7	2	44	13	1.3	<10	0.29	10		0.11	1735	<1	0.02	9
E602255	K-07-0122	179.22	180.77	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	62	1235	0.72	15	80	<0.5	<2	2.85	25.6	<1	35	4	1.65	<10	0.22	10		1.06	1160	<1	0.03	6
E602252	K-07-0122	176.17	177.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	127	987	2.09	22	270	0.5	2	0.13	6.4	3	45	14	2.08	<10	0.51	10		0.1	1560	1	0.15	17
E602251	K-07-0122	174.31	176.17	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	251	1.19	6	250	<0.5	2	0.09	2.2	2	39	6	0.81	<10	0.3	10		0.07	362	1	0.06	7
E602267	K-07-0122	200.2	202.21	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	7	320	2	8	290	0.5	<2	0.89	0.5	4	52	10	1.4	10	0.4	10		0.33	202	<1	0.07	13
E602256	K-07-0122	180.77	182.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	325	4.17	25	470	1.1	<2	0.22	3.4	5	73	12	1.9	10	1.22	20		0.19	529	1	0.1	27
E776966	K-07-0123	146.75	148.8	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	0.6	16	116	5.31	12	1250	1.4	<2	0.71	<0.5	14	67	98	3.1	20	1.54	20		1.13	1120	1	0.07	45
E776974	K-07-0123	157.24	157.89	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	6.1	283	2860	6.35	98	630	1.9	<2	0.23	24.7	6	88	89	5.06	20	1.84	40		0.33	4760	<1	0.13	35

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E776978	K-07-0123	159.66	160.68	QTZT	QTZT	Non-Mineralized	N-AML	0.04	8.7	264	3120	3.07	189	210	0.8	6	0.19	38.1	3	61	57	5.8	10	0.97	20		0.15	8550	<1	0.06	24
E776975	K-07-0123	157.89	158.66	QTZT	QTZT	Non-Mineralized	N-AML	0.3	43.7	505	3740	1.9	6160	70	0.9	13	0.49	33.7	31	30	153	7.39	<10	0.22	20		0.29	12150	<1	0.09	33
E776979	K-07-0123	160.68	161.94	QTZT	QTZT	Non-Mineralized	N-AML	0.06	9.7	203	2010	2.17	322	160	0.6	6	0.13	24.1	7	49	80	8.27	<10	0.68	10		0.12	9960	<1	0.05	23
E776972	K-07-0123	155.21	156.24	QTZT	QTZT	Non-Mineralized	N-AML	0.02	3.6	153	1170	2.69	81	40	1.2	<2	0.14	8.9	<1	42	30	6.37	10	0.04	30		0.37	13850	<1	0.2	6
E776981	K-07-0123	163.7	164.69	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	18	914	0.67	12	120	<0.5	<2	2.03	6.6	1	24	5	0.67	<10	0.21	10		0.08	444	<1	0.03	4
E776982	K-07-0123	164.69	165.7	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	4	506	0.28	<5	50	<0.5	<2	0.55	2.7	<1	27	4	0.35	<10	0.09	<10		0.03	184	<1	0.01	2
E776983	K-07-0123	165.7	166.71	QTZT	QTZT	Non-Mineralized	N-AML	0.08	<0.5	5	815	0.31	<5	50	<0.5	<2	0.16	4.2	2	30	5	0.38	<10	0.11	10		0.04	326	<1	0.01	1
E776992	K-07-0123	178.7	179.38	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	11	240	4.34	<5	550	1	<2	4.13	1.1	6	69	12	2.85	10	0.74	20		0.43	308	1	0.22	23
E776986	K-07-0123	168.7	170.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	20	827	2.53	23	350	0.7	<2	1.19	2.3	4	52	11	1.6	<10	0.75	10		0.35	560	1	0.11	15
E776989	K-07-0123	174.8	176.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	2370	0.98	6	150	<0.5	<2	3.26	5.5	3	32	6	1.13	<10	0.24	10		0.25	960	1	0.04	8
E776988	K-07-0123	172.75	174.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	371	0.81	5	120	<0.5	<2	0.41	1.6	2	35	10	0.85	<10	0.21	10		0.12	184	2	0.04	6
E776987	K-07-0123	170.7	172.75	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	794	1.27	<5	180	<0.5	<2	0.47	4.3	3	41	6	0.92	<10	0.3	10		0.09	337	1	0.06	8
E776991	K-07-0123	176.7	178.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	4	350	1.48	17	240	0.5	<2	0.51	3.7	3	49	18	1.28	<10	0.35	10		0.17	205	3	0.07	7
E776985	K-07-0123	166.71	168.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	1810	0.43	<5	80	<0.5	<2	0.21	6.6	1	24	4	0.58	<10	0.13	<10		0.07	756	<1	0.02	4
E776996	K-07-0123	186.2	188.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	567	3.1	10	490	0.9	<2	0.29	1.7	7	50	12	2.08	10	0.61	20		0.32	302	<1	0.09	19
E776995	K-07-0123	183.76	186.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	430	1.58	14	210	<0.5	<2	0.72	0.8	3	42	6	1.15	<10	0.35	10		0.22	239	1	0.06	6
E776994	K-07-0123	181.38	183.76	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	136	1.11	<5	140	<0.5	<2	0.65	<0.5	2	39	6	1.22	<10	0.22	10		0.13	131	1	0.05	7
E776999	K-07-0123	189.35	191.75	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	217	1.96	<5	260	0.5	<2	0.11	1	3	40	18	1.59	10	0.25	10		0.26	152	1	0.15	16
E777000	K-07-0123	191.75	194.16	QTZT	QTZT	Non-Mineralized	N-AML	0.36	<0.5	2	194	0.93	<5	140	<0.5	<2	0.06	0.5	3	28	6	0.71	<10	0.1	10		0.13	100	<1	0.07	6
E602283	K-07-0124	170.08	173.13	QTZT	QTZT	Non-Mineralized	N-AML	0.01	4.2	263	1040	4.82	170	680	1.2	3	0.19	9.2	7	69	178	4.99	10	1.57	20		0.26	9000	1	0.12	31
E602285	K-07-0124	173.13	176.17	QTZT	QTZT	Non-Mineralized	N-AML	0.02	3.3	214	4890	4.64	307	700	1.4	5	0.5	42.3	10	61	50	4.3	10	1.51	20		0.31	5410	2	0.14	34
E602286	K-07-0124	176.17	179.22	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.8	471	2420	2.75	192	360	0.7	3	0.25	28	8	50	57	7.38	10	0.69	20		0.34	19500	1	0.08	18
E602282	K-07-0124	167.15	170.08	QTZT	QTZT	Non-Mineralized	N-AML	0.07	0.9	138	1100	1.03	31	140	<0.5	<2	0.11	9.8	2	37	18	2.04	<10	0.38	10		0.09	3770	1	0.03	7
E602281	K-07-0124	165.15	167.15	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	28	713	2.47	16	350	0.7	<2	0.77	5.2	4	47	11	2.1	10	0.82	10		0.3	1560	1	0.09	16
E602280	K-07-0124	163.15	165.15	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	10	529	3.34	21	500	0.8	<2	1.26	3.4	5	60	13	1.93	10	0.98	10		0.36	529	1	0.15	22
E602279	K-07-0124	161.15	163.15	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	10	272	1.37	7	200	<0.5	<2	0.55	2.1	2	47	11	0.88	<10	0.41	10		0.13	286	<1	0.04	10
E602278	K-07-0124	159.15	161.15	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	15	291	4.6	13	590	1.2	<2	2.32	0.7	8	77	23	2.89	10	1.03	20		0.56	279	1	0.14	32
E602277	K-07-0124	157.15	159.15	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	7	1615	1.95	10	260	0.5	<2	0.51	7.8	4	54	9	1.1	<10	0.58	10		0.2	501	1	0.05	13
E602275	K-07-0124	153.15	155.15	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	6	1040	1.96	7	260	0.5	<2	3.39	4.3	5	45	12	1.43	<10	0.45	10		0.28	432	<1	0.08	15
E602276	K-07-0124	155.15	157.15	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	9	941	2.5	8	300	0.6	<2	1.6	4.6	5	56	10	1.72	10	0.59	10		0.33	354	1	0.07	19
E602307	K-07-0124	206.15	208.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	2770	4.83	15	560	1.2	<2	1.59	8.7	8	78	69	2.62	10	0.98	20		0.5	654	1	0.15	26
E602308	K-07-0124	208.15	209.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	22	139	6.28	17	620	1.5	<2	3.27	0.5	9	97	47	2.96	10	1.07	30		0.58	201	2	0.24	36
E602306	K-07-0124	204.15	206.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	1875	4.62	5	580	1.3	<2	1.06	6.2	7	76	26	2.16	10	1.06	20		0.29	500	1	0.12	28
E602305	K-07-0124	202.15	204.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	1830	1.58	12	210	<0.5	<2	1.19	8.6	4	44	10	1.08	<10	0.42	10		0.11	537	<1	0.03	14
E602303	K-07-0124	200.15	202.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	33	788	1.14	6	130	<0.5	<2	0.28	9.3	3	48	6	0.97	<10	0.29	10		0.09	776	<1	0.02	12
E602302	K-07-0124	198.15	200.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.2	267	1345	0.65	35	70	<0.5	<2	0.17	12.8	2	46	8	0.81	<10	0.21	10		0.04	1590	<1	0.01	6
E602301	K-07-0124	196.15	198.15	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.4	267	1755	0.36	672	30	<0.5	<2	0.04	12.7	2	35	20	1.53	<10	0.11	10		0.03	1645	1	0.01	2
E602299	K-07-0124	192.15	194.15	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	17	629	5.92	<5	660	1.5	<2	2.81	2.2	8	85	18	2.85	10	1.26	30		0.48	433	1	0.21	34
E602298	K-07-0124	190.15	192.15	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1	20	568	6.31	10	740	1.7	<2	1.24	2.5	9	102	23	3.11	10	1.63	30		0.65	578	3	0.16	39
E602295	K-07-0124	187.15	188.15	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.2	107	3850	2.3	96	270	0.6	2	0.13	41.7	2	59	29	2.53	10	0.76	10		0.12	3900	<1	0.06	14
E602296	K-07-0124	188.15	190.15	QTZT	QTZT	Non-Mineralized	N-AML	0.03	1.8	437	2520	1.11	21	130	<0.5	<2	0.17	28.3	<1	37	13	2.41	<10	0.38	10		0.23	5880	1	0.03	8
E602300	K-07-0124	194.15	196.15	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.3	196	1650	0.73	219	80	<0.5	<2	0.07	13.5	<1	31	15	0.94	<10	0.2	10		0.04	981	<1	0.02	5
E602313	K-07-0125	13.88	14.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	167	0.65	5	150	<0.5	<2	1.71	4.5	1	29	10	0.53	<10	0.18	<10		0.12	174	1	0.02	6
E602312	K-07-0125	11.58	13.88	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	23	251	0.49	17	80	<0.5	<2	4.48	2.8	1	29	32	0.73	<10	0.15	10		0.09	533	1	0.02	8
E602310	K-07-0125	9.4	11.58	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	215	706	0.65	7	110	<0.5	<2	0.06	9.3	1	36	9	0.67	<10	0.2	10		0.04	1195	1	0.02	7
E602309	K-07-0125	8.53	9.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	345	783	0.56	5	80	<0.5	<2	0.06	11.5	2	38	7	0.76	<10	0.16	10		0.03	1415	1	0.02	7
E602369	K-07-0125	111.09	112.88	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	429	2.12	21	130	0.7	<2	0.15	2	2	51	3	3	10	0.55	20		0.13	3520	<1	0.06	9
E602368	K-07-0125	109.12	111.09	QTZT	QTZT	Non-Mineralized	N-AML	0.04	0.5	18	273	1.08	221	90	<0.5	<2	0.36	4.2	2	37	4	1.16	<10	0.33	10		0.05	913	<1	0.03	4
E602367	K-07-0125	106.53	109.12	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	164	1435	4.53	64	450	1.3	<2	1.38	15.6	6	72	20	3.52	10	1.1	20		0.48	3160	<1	0.09	25
E602360	K-07-0125	96.43	99.37	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.1	80	1735	1.07	140	40	<0.5	3	0.07	20.6	1	30	31	2.73	<10	0.29	10		0.04	2990	<1	0.02	8
E602362	K-07-0125	99.97	100.47	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	61	3100	2.39	126	10	1	2	0.08	46.4	2	67	10	5	10	0.06	30		0.26	9130	<1	0.18	3
E602357	K-07-0125	93.88	95.18	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.5	119	1090	2.55	145	260	0.7	2	0.08	17.6	2	57	29	3.17	<10	0.8	20		0.06	3300	<1	0.05	8
E602355	K-07-0125	90.83	91.49	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	134	8.22	9	810	1	<2	2.15	0.8	11	20	26	3.99	20	1.44	10		1.01	807	<1	2.8	12
E602354	K-07-0125	87.78	90.83	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.5	441	1920	1.98	112	150	0.5	4	0.07	24.1	1	49	19	1.96	10	0.56	20		0.08	1185	<1	0.07	5
E602363	K-07-0125	100.47	103.02	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.4	62	423	2.1	66	220	0.6	3	0.07	3.4	<1	45	13	1.61	10	0.65	10		0.06	1590	1	0.05	6
E602356	K-07-0125	91.49	93.88	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.4	228	3330	3.08	169	180	1.1	2	0.07	34.3	1	59	37	3.18	10	0.76	20		0.11	986	1	0.1	13
E602353	K-07-0125	85.31	87.78	QTZT	QTZT	Non-Mineralized	N-AML	0.02	6	1180	4430	0.78	185	40	<0.5	4	0.05	50.7	1	29	33	4.76	<10	0.18	10		0.05	8460	<1	0.02	6
E602359	K-07-0125	95.18	96.43	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	49	842	4.04	76	390	1.2	2	0.11	7.4	1	65	15	4.87	10	1.16	20		0.09	7060	<1	0.09	8
E602325	K-07-0125	32.92	35	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	39	349	0.7	<5	90	<0.5	<2	0.17	3.3	1	33	5	0.86	<10	0.2	10		0.06	627	<1	0.02	7
E602323	K-07-0125	30.85	32.92	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	57	279	0.28	<5	30	<0.5	<2	0.04	2.6	1	30	4	0.67	<10	0.08	<10		0.01	832	<1	0.01	4
E602322	K-07-0125	28.44	30.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	27	242	1.31	9	240	<0.5	<2	0.38	2	2	43	23	0.87	10	0.41	10		0.06	255	<1	0.05	8
E602321	K-07-0125	26.82	28.44	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	32	252	0.58	6	80	<0.5	<2	0.47	3.2	2	32	5	0.89	<10	0.16	10		0.04	1050	<1	0.02	7
E602320	K-07-0125	23.77	26.82	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	242	1.49	10	220	<0.5	<2	1.6	3.1	3	48	9	1.08	<10	0.35	10		0.15	159	1	0.07	16
E602319	K-07-0125	21.24	23.77	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	18	436	2.47	10	980	0.6	<2	0.08	4	2	47	37	1.96	10	0.63	10		0.37	248	7	0.11	14
E602318	K-07-0125	20.39	21.24	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.7	200	456	0.91	39	210	<0.5	<2	0.09	3.9	1	31	76	1.27	<10	0.23	10		0.14	375	1	0.03	6
E602326	K-07-0125	35	36.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	196	3.01	<5	410	0.8	<2	0.32	1.7	3	53	13	1.73	10	0.69	10		0.17	138	1	0.11	18
E602339	K-07-0125	60.04	62.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	43	134	1.06	6	190	<0.5	<2	1.68	2.5	3	39	91	0.83	<10	0.28	10		0.15	281	1	0.04	4
E602338	K-07-0125	57.66	60.04	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.9	33	192	5.12	19	860	1.4	<2	1.41	0.9	6	89	88	2.69	10	1.11	30		0.4	240	2	0.24	32
E602336	K-07-0125	55.98	57.66	QTZT	QTZT	Non-Mineralized	N-AML	0.02	3.4	102	86	2.35	<5	340	0.6	<2	1.07	<0.5	4	46	108	1.5	10	0.5	10		0.2	129	<1	0.07	17
E602335	K-07-0125	53.98	55.98	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	3	71	1.71	<5	260	0.5	<2	1	0.5	2	41	10	1.15	<10	0.41	10		0.13	126	<1	0.06	10

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E602346	K-07-0125	73.68	75.59	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	21	347	1.7	50	250	<0.5	<2	0.28	2	4	44	23	1.19	<10	0.37	10		0.13	739	1	0.06	13
E602327	K-07-0125	36.74	39.01	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	74	0.82	<5	120	<0.5	<2	1.73	0.8	2	27	5	0.8	<10	0.18	<10		0.11	155	<1	0.03	7
E602349	K-07-0125	81.64	82.84	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	53	362	0.83	85	120	<0.5	<2	0.41	5.4	1	35	6	1	<10	0.25	10		0.15	731	<1	0.03	6
E602348	K-07-0125	78.64	81.64	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	60	1075	1.01	108	160	<0.5	<2	0.86	9.1	4	36	7	1.32	<10	0.31	10		0.32	2510	<1	0.03	11
E602347	K-07-0125	75.59	78.64	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	11.3	18	766	3.12	103	490	0.7	<2	0.16	3.7	6	58	30	1.93	10	0.7	20		0.19	1940	1	0.11	24
E602350	K-07-0125	82.84	84.73	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.1	214	1290	2.47	144	260	0.7	3	0.07	21	1	51	37	2.33	10	0.7	10		0.09	2020	1	0.06	7
E602345	K-07-0125	71.73	73.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	174	1.82	37	250	0.5	2	0.14	0.8	3	42	6	1.23	<10	0.37	10		0.08	266	<1	0.05	12
E602343	K-07-0125	69.49	71.73	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	46	133	0.62	33	90	<0.5	<2	0.04	1	2	32	45	0.65	<10	0.14	10		0.03	193	1	0.02	7
E602342	K-07-0125	66.45	69.49	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.2	33	327	2.01	68	280	0.6	<2	0.17	1.8	4	46	54	1.28	<10	0.43	10		0.09	621	1	0.06	15
E602330	K-07-0125	45.11	48.16	QTZT	QTZT	Non-Mineralized	P-AML	0.01	<0.5	17	101	5.22	<5	840	1.4	<2	0.66	<0.5	9	66	20	2.45	10	1.12	20		0.38	156	1	0.17	35
E602328	K-07-0125	39.01	42.06	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	69	2.01	<5	320	0.5	<2	2.26	<0.5	3	43	8	1.18	10	0.46	10		0.19	156	<1	0.08	13
E602329	K-07-0125	42.06	45.11	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.8	512	154	3.4	11	600	0.9	2	0.3	0.7	5	51	115	1.84	10	0.7	20		0.17	187	<1	0.09	22
E602332	K-07-0125	48.16	49.88	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.4	29	101	2.15	6	390	0.6	<2	0.82	0.5	4	46	19	1.71	10	0.47	10		0.18	239	2	0.05	15
E602333	K-07-0125	49.88	51.77	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.1	49	75	1.43	<5	270	<0.5	2	0.9	0.5	2	38	56	1.18	10	0.37	10		0.13	142	<1	0.03	10
E602334	K-07-0125	51.77	53.98	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.6	34	128	1.51	<5	280	<0.5	<2	2.56	1.3	2	31	61	1.04	<10	0.37	10		0.2	182	<1	0.05	13
E602340	K-07-0125	62.07	63.39	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.1	35	521	5	31	770	1.3	<2	0.98	4.2	6	81	51	2.7	10	1.02	20		0.39	1040	1	0.15	30
E602341	K-07-0125	63.39	66.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	349	1.93	14	320	0.5	<2	0.2	5.8	3	38	13	1.26	10	0.46	10		0.15	1110	1	0.05	17
E602383	K-07-0125	137.27	139.33	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	190	0.4	12	60	<0.5	2	0.29	0.7	2	33	6	0.59	<10	0.11	10		0.12	278	<1	0.02	7
E602385	K-07-0125	139.33	139.73	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	265	0.75	10	110	<0.5	<2	0.86	0.9	2	25	4	0.78	<10	0.24	10		0.33	390	<1	0.02	7
E602382	K-07-0125	135.1	137.27	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	3	255	0.36	21	40	<0.5	<2	0.11	<0.5	1	29	3	0.55	<10	0.06	10		0.14	316	<1	0.01	4
E602381	K-07-0125	133.2	135.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	30	138	0.41	21	80	<0.5	<2	0.05	<0.5	3	32	8	0.31	<10	0.14	10		0.03	162	2	0.02	8
E602380	K-07-0125	131.08	133.2	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	87	0.49	19	70	<0.5	<2	0.04	<0.5	1	26	2	0.41	<10	0.14	10		0.04	136	<1	0.02	4
E602386	K-07-0125	139.73	142.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	117	2.76	11	420	0.8	<2	0.18	0.6	3	53	7	0.95	10	0.87	10		0.12	151	<1	0.08	15
E602388	K-07-0125	144.48	146.62	QTZT	QTZT	Non-Mineralized	P-AML	0.01	<0.5	6	162	3.61	12	480	1.2	<2	0.39	1.6	8	62	16	1.99	10	0.82	20		0.41	270	<1	0.22	25
E602392	K-07-0125	149.05	151.48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	3	44	2.94	<5	430	0.8	2	0.11	0.6	6	49	18	1.83	10	0.62	20		0.28	127	6	0.13	24
E602389	K-07-0125	146.62	147.9	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	51	1.05	<5	160	<0.5	<2	0.06	<0.5	2	34	3	0.71	<10	0.24	10		0.11	88	<1	0.04	8
E602387	K-07-0125	142.65	144.48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	158	2.91	9	450	1	<2	0.28	1.7	5	49	12	1.85	10	0.71	20		0.22	177	1	0.19	26
E602390	K-07-0125	147.9	149.05	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	38	2.25	14	300	0.8	<2	0.09	0.5	5	48	9	1.18	10	0.57	10		0.19	80	<1	0.11	19
E602394	K-07-0125	152.63	154.52	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	51	341	0.78	<5	90	<0.5	<2	0.41	2	3	34	76	1.72	<10	0.16	10		0.27	535	<1	0.02	8
E602393	K-07-0125	151.48	152.63	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	<2	53	1.18	<5	160	<0.5	<2	0.07	<0.5	3	31	20	1.18	<10	0.22	10		0.18	135	1	0.07	10
E602399	K-07-0125	158.25	160.24	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	153	3.47	5	710	0.9	<2	0.27	0.5	9	51	51	2.05	10	0.94	20		0.53	339	8	0.21	39
E602400	K-07-0125	160.24	160.93	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	11	180	0.47	13	<10	<0.5	<2	0.48	0.7	22	20	209	3.23	<10	0.01	<10		0.5	464	<1	0.01	10
E777002	K-07-0126	12.54	14.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.7	623	1515	0.71	24	60	<0.5	<2	0.08	20.7	2	34	7	3.02	<10	0.18	10		0.04	8950	<1	0.02	11
E777001	K-07-0126	10.5	12.54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	202	0.51	21	100	<0.5	<2	1.05	6.1	2	38	6	0.59	<10	0.14	10		0.04	197	1	0.02	3
E777034	K-07-0126	74.95	76.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	289	1.23	21	210	<0.5	<2	1.6	1.3	2	38	6	0.91	<10	0.3	10		0.19	684	1	0.05	8
E777045	K-07-0126	92.9	94.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	9	212	3.76	19	470	0.8	<2	2.69	1	8	65	33	2.44	10	0.76	20		0.57	506	5	0.21	29
E777025	K-07-0126	56.6	58.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	48	0.75	<5	120	<0.5	<2	1.64	<0.5	1	32	4	0.64	<10	0.19	10		0.11	121	<1	0.02	4
E777026	K-07-0126	58.8	60.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	76	2.05	<5	310	0.5	<2	1.85	0.9	3	39	6	1.2	10	0.47	10		0.23	224	<1	0.06	13
E777027	K-07-0126	60.68	62.67	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	17	270	6.88	33	880	1.5	<2	0.95	1.5	8	118	13	3.69	20	1.23	30		0.45	733	1	0.17	39
E777028	K-07-0126	62.67	63.39	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	19	222	4.42	30	580	1.2	2	2.4	1.5	7	71	13	2.8	10	0.86	20		0.48	757	1	0.17	26
E777029	K-07-0126	63.39	68.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	209	2.98	16	410	0.8	<2	0.59	0.8	5	53	11	1.64	10	0.59	10		0.29	400	1	0.12	19
E777031	K-07-0126	68.5	70.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	5	95	1.44	13	210	<0.5	<2	0.35	<0.5	2	45	9	0.91	<10	0.34	10		0.16	268	1	0.05	9
E777022	K-07-0126	52.6	54.6	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	5	102	1.44	5	210	<0.5	<2	1.43	0.7	2	40	6	1.22	<10	0.32	10		0.24	171	1	0.03	11
E777033	K-07-0126	72.79	74.95	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	5	194	0.64	21	90	<0.5	<2	0.67	0.9	2	33	4	0.71	<10	0.14	10		0.11	502	<1	0.02	6
E777035	K-07-0126	76.8	78.95	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	5	228	0.88	21	120	<0.5	<2	0.98	0.9	2	33	4	1.03	<10	0.21	10		0.38	579	<1	0.03	7
E777036	K-07-0126	78.95	80.82	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	226	2.32	25	360	0.7	<2	0.08	0.7	2	51	8	0.89	10	0.67	10		0.07	526	<1	0.06	8
E777038	K-07-0126	80.82	82.84	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	39	0.27	12	30	<0.5	<2	0.25	<0.5	1	28	3	0.4	<10	0.06	<10		0.05	166	<1	0.01	1
E777039	K-07-0126	82.84	84.73	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	209	1.05	20	140	<0.5	<2	1.06	0.7	2	43	6	1.16	<10	0.24	10		0.38	551	<1	0.05	10
E777040	K-07-0126	84.73	86.97	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	89	0.42	9	60	<0.5	<2	0.02	<0.5	1	50	4	0.42	<10	0.1	10		0.02	178	<1	0.01	6
E777041	K-07-0126	86.97	88.87	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	4	214	1.63	26	210	<0.5	<2	0.11	1.4	2	51	6	0.99	<10	0.33	10		0.08	400	1	0.08	12
E777043	K-07-0126	88.87	90.83	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	379	0.66	12	70	<0.5	<2	0.42	2.2	2	33	5	0.97	<10	0.12	10		0.22	896	<1	0.02	10
E777044	K-07-0126	90.83	92.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	269	1.94	15	230	0.5	<2	1.52	1	3	47	6	1.28	10	0.35	10		0.15	711	1	0.09	9
E777032	K-07-0126	70.68	72.79	QTZT	QTZT	Non-Mineralized	N-AML	0.09	<0.5	10	171	2.98	39	460	0.7	<2	1.66	0.5	5	54	12	1.59	10	0.66	20		0.29	428	1	0.12	18
E777010	K-07-0126	32.2	34.28	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	65	292	0.59	<5	80	<0.5	<2	0.19	3.2	2	35	5	0.71	<10	0.18	10		0.02	798	1	0.01	6
E777007	K-07-0126	23.43	27	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.8	884	2170	0.79	8	160	<0.5	<2	0.44	41.1	4	29	19	3.41	<10	0.21	10		0.08	8980	<1	0.02	20
E777008	K-07-0126	27	29.08	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	84	570	0.54	12	60	<0.5	<2	0.33	3.9	2	30	4	0.78	<10	0.16	10		0.03	971	<1	0.01	10
E777009	K-07-0126	29.08	32.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	89	439	0.33	5	30	<0.5	<2	0.05	4.2	3	31	4	0.74	<10	0.1	<10		0.01	1200	<1	0.01	6
E777024	K-07-0126	54.6	56.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	141	5.67	9	820	1.5	<2	1.92	<0.5	10	79	18	2.95	10	1.2	20		0.5	270	1	0.21	38
E777011	K-07-0126	34.28	36.29	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	125	1.09	<5	170	<0.5	<2	0.6	0.8	3	36	7	0.97	<10	0.25	10		0.08	181	1	0.03	12
E777013	K-07-0126	36.29	38.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	6	70	0.63	12	110	<0.5	<2	1.39	0.9	3	29	8	0.64	<10	0.17	10		0.05	164	1	0.02	5
E777014	K-07-0126	38.3	40.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	79	3.43	5	510	0.9	<2	1.64	<0.5	7	53	15	1.72	10	0.68	20		0.25	151	1	0.13	26
E777015	K-07-0126	40.15	42.19	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	65	1.87	5	280	<0.5	<2	1.07	<0.5	3	40	8	1.33	<10	0.36	10		0.19	148	1	0.06	17
E777017	K-07-0126	42.19	44.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	66	1.83	6	260	0.5	<2	0.2	<0.5	4	35	7	1.29	10	0.3	10		0.15	111	1	0.04	15
E777018	K-07-0126	44.68	46.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	61	2.83	5	450	0.8	<2	0.91	<0.5	4	41	8	1.65	10	0.58	10		0.32	189	<1	0.08	17
E777019	K-07-0126	46.68	48.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	71	1.57	<5	260	<0.5	<2	0.85	<0.5	4	34	8	1.49	<10	0.31	10		0.2	171	<1	0.03	13
E777020	K-07-0126	48.5	50.56	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	58	0.95	<5	190	<0.5	<2	0.52	<0.5	2	34	5	0.71	<10	0.27	10		0.13	112	1	0.02	9
E777070	K-07-0126	130.22	133.29	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	18	304	3.28	27	340	0.8	<2	1.2	2.9	4	68	12	2.45	10	0.66	20		0.64	606	1	0.11	19
E777071	K-07-0126	133.29	135.48	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	37	536	1.92	49	220	0.5	<2	0.17	2.8	4	48	10	1.39	<10	0.52	10		0.13	1985	<1	0.07	14
E777072	K-07-0126	135.48	136.34	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	153	0.43	44	70	<0.5	<2	0.04	0.8	1	26	3	0.5	<10	0.15	10		0.02	648	<1	0.01	4
E777073	K-07-0126	136.34	138.42	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	21	144	0.43	173	60	<0.5	<2	0.04	1	2	29	8	0.79	<10	0.14	10		0.02	841	<1	0.01	4

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E777074	K-07-0126	138.42	140.6	QTZT	QTZT	Non-Mineralized	N-AML	0.06	1.2	193	1840	0.57	706	60	<0.5	<2	0.16	19.7	2	45	14	1.78	<10	0.16	10		0.13	3440	<1	0.01	5
E777075	K-07-0126	140.6	143.11	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	12	283	1.72	39	300	<0.5	<2	0.54	1.3	2	37	8	1.08	<10	0.45	10		0.24	639	1	0.09	10
E777069	K-07-0126	127.61	130.22	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.8	76	2310	3.12	20	260	0.9	<2	0.19	28.4	3	65	16	2.63	10	0.72	20		0.28	2640	2	0.1	20
E777046	K-07-0126	94.85	96.93	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	336	1.75	14	270	<0.5	<2	0.54	2.3	3	48	13	1.28	<10	0.41	10		0.25	671	3	0.08	15
E777021	K-07-0126	50.56	52.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	45	0.62	<5	120	<0.5	<2	1.95	0.5	1	25	4	0.6	<10	0.17	<10		0.14	114	<1	0.02	5
E777055	K-07-0126	107.07	108.72	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.3	113	3190	0.27	69	40	<0.5	3	0.05	36.6	1	38	15	1.79	<10	0.09	<10		0.04	4750	2	0.01	4
E777049	K-07-0126	98.83	100.91	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	437	2.47	8	360	0.6	<2	1.3	3.3	4	55	6	1.46	10	0.53	20		0.23	936	1	0.07	16
E777067	K-07-0126	125.76	127.61	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	68	914	2.68	30	110	0.8	<2	0.25	4.6	2	55	7	3.88	10	0.62	10		0.25	6090	<1	0.08	13
E777051	K-07-0126	102.98	103.99	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	1090	2.12	27	260	0.5	2	0.25	8.5	6	46	6	2.05	<10	0.43	10		0.4	2510	<1	0.05	17
E777053	K-07-0126	106.07	107.07	QTZT	QTZT	Non-Mineralized	N-AML	0.01	6.4	171	1600	0.29	90	30	<0.5	10	0.04	16.9	1	31	22	3.09	<10	0.08	<10		0.06	7770	<1	0.01	5
E777050	K-07-0126	100.91	102.98	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	513	3.91	29	540	1	<2	1.02	2.9	6	74	13	2.4	10	0.81	20		0.39	969	1	0.13	25
E777056	K-07-0126	108.72	109.73	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	42	975	0.83	19	90	<0.5	<2	0.06	9.5	1	39	8	1.5	<10	0.24	10		0.06	2800	1	0.01	6
E777057	K-07-0126	109.73	112.17	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.1	143	1090	0.64	36	70	<0.5	<2	0.06	13.1	1	37	7	1.49	<10	0.18	10		0.05	3740	1	0.01	6
E777062	K-07-0126	119.25	121.16	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	18	515	1.29	9	170	<0.5	<2	0.1	3.1	2	40	8	1.27	<10	0.35	10		0.09	950	<1	0.03	11
E777066	K-07-0126	124.11	125.76	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	0.6	26	633	4.74	33	550	1.2	<2	0.3	4.3	7	94	15	2.35	10	1.49	20		0.19	1370	<1	0.13	31
E777065	K-07-0126	122.71	124.11	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	69	647	1.2	8	140	<0.5	<2	2.31	5	3	47	6	1.6	<10	0.38	10		0.93	1235	<1	0.03	8
E777052	K-07-0126	103.99	106.07	QTZT	QTZT	Non-Mineralized	N-AML	0.05	1.7	307	1090	2.67	289	250	0.9	2	0.22	7.4	4	52	19	5.72	10	0.53	10		0.27	8490	4	0.12	23
E777063	K-07-0126	121.16	122.71	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	66	1280	0.48	9	20	<0.5	<2	3.24	9.5	2	29	5	2.01	<10	0.12	<10		1.31	1510	<1	0.01	5
E777048	K-07-0126	96.93	98.83	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	520	1.22	11	190	<0.5	<2	2.37	3.4	4	52	9	1.24	<10	0.26	10		0.22	1390	1	0.05	13
E777061	K-07-0126	117.25	119.25	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.6	142	2150	3.53	76	250	0.8	2	0.22	22.8	8	72	45	4.79	10	0.72	20		0.29	2620	<1	0.07	42
E777060	K-07-0126	115.21	117.25	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	18	562	1.93	18	120	<0.5	<2	0.08	5.1	7	47	12	2.36	<10	0.39	10		0.26	1190	1	0.02	20
E777059	K-07-0126	113.72	115.21	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	4.2	184	1480	6.49	39	570	1.7	2	0.28	10.4	11	99	14	5.38	10	2.05	30		0.29	11300	1	0.13	42
E777058	K-07-0126	112.17	113.72	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.8	73	576	0.67	14	70	<0.5	<2	0.09	6.1	2	32	5	1.39	<10	0.19	10		0.07	2410	1	0.01	5
E777082	K-07-0126	152.3	154.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	23	1390	3.15	26	650	1	<2	0.1	16	6	55	27	1.28	10	0.82	20		0.23	698	1	0.19	25
E777076	K-07-0126	143.11	145	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.5	162	1090	4.98	20	620	0.9	<2	0.81	5.6	18	47	121	4.97	10	0.71	20		1.15	1225	1	0.19	37
E777080	K-07-0126	149.1	150.88	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	38	626	2.94	21	800	0.8	<2	0.12	7	3	45	18	0.95	10	0.75	20		0.17	495	<1	0.17	17
E777079	K-07-0126	147.06	149.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	277	6.85	24	1060	1.8	<2	0.94	<0.5	16	80	87	3.75	20	1.5	30		0.93	426	11	0.39	64
E777083	K-07-0126	154.3	156.31	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	346	0.87	37	160	<0.5	<2	0.03	3.7	<1	34	11	0.7	<10	0.2	10		0.13	356	<1	0.03	11
E777085	K-07-0126	156.31	158.32	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	22	151	1.99	12	470	0.6	<2	0.1	1.1	2	45	16	0.79	<10	0.49	10		0.13	286	1	0.12	18
E777086	K-07-0126	158.32	160.34	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	116	7.34	7	2260	1.4	<2	1.77	<0.5	12	71	19	4.06	20	1.35	30		1.47	530	2	0.61	34
E777087	K-07-0126	160.34	162.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	112	7.51	<5	2560	1.5	<2	0.98	<0.5	8	70	3	3.73	10	1.59	30		1.19	415	1	0.55	15
E777088	K-07-0126	162.66	164.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	21	1105	7.27	16	560	0.8	<2	4.83	<0.5	37	59	96	7.65	20	0.25	10		3.42	2840	1	0.68	77
E777077	K-07-0126	145	147.06	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	269	7.12	<5	140	0.7	<2	5.73	<0.5	38	17	185	9.21	20	0.03	10		2.77	1550	<1	0.61	57
E777081	K-07-0126	150.88	152.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.9	45	585	1.17	18	170	<0.5	<2	0.2	7.2	7	29	160	1.54	<10	0.16	10		0.41	1190	1	0.05	15
E777094	K-07-0126	172.48	174.42	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	218	0.54	7	140	<0.5	<2	0.02	1.2	<1	34	5	0.4	<10	0.15	10		0.02	521	<1	0.04	3
E777092	K-07-0126	168.3	170.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	172	0.32	9	30	<0.5	<2	0.01	<0.5	<1	23	5	0.4	<10	0.08	10		0.01	641	<1	0.03	<1
E777098	K-07-0126	177.8	179.22	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	3	1195	0.32	100	40	<0.5	<2	0.39	8	1	23	13	2.53	<10	0.11	10		0.14	7840	<1	0.01	3
E777100	K-07-0126	180.54	182.27	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	8	790	0.38	<5	70	<0.5	<2	0.04	7.6	<1	24	6	0.68	<10	0.13	10		0.03	1130	<1	0.01	3
E777101	K-07-0126	182.27	184.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	28	591	2.88	30	560	0.8	<2	0.13	4.4	5	46	17	1.1	10	0.63	10		0.09	1130	<1	0.27	19
E777102	K-07-0126	184.2	186.35	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	36	1160	1.21	169	170	<0.5	<2	0.16	10.8	3	27	6	2.17	<10	0.29	10		0.18	4250	<1	0.03	14
E777097	K-07-0126	176.46	177.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	18	806	0.32	10	60	<0.5	<2	0.02	9.1	<1	26	9	0.49	<10	0.1	<10		0.01	697	<1	0.02	1
E777093	K-07-0126	170.45	172.48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	198	0.39	6	80	<0.5	<2	0.02	1.4	<1	25	4	0.42	<10	0.11	10		0.02	555	<1	0.03	2
E777091	K-07-0126	166.94	168.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	13	412	0.58	221	150	<0.5	<2	0.09	2.8	<1	21	11	0.48	<10	0.12	10		0.07	506	1	0.05	4
E777095	K-07-0126	174.42	176.46	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	187	0.35	16	100	<0.5	<2	0.02	1.3	<1	31	4	0.32	<10	0.12	10		0.01	325	<1	0.02	1
E777089	K-07-0126	164.68	166.94	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	253	0.55	19	190	<0.5	<2	0.03	1.6	<1	37	5	0.37	<10	0.14	10		0.04	322	<1	0.04	3
E777105	K-07-0126	188.37	190.94	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.2	39	490	0.8	34	80	<0.5	<2	0.39	7.5	1	29	58	1.31	<10	0.24	10		0.13	1615	<1	0.03	8
E777104	K-07-0126	186.35	188.37	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	12	226	4.05	16	760	0.9	<2	0.16	1.7	3	63	15	0.88	10	0.9	20		0.13	580	<1	0.32	19
E777106	K-07-0126	190.94	192.86	QTZT	QTZT	Non-Mineralized	N-AML	0.03	0.6	18	138	0.31	120	40	<0.5	<2	0.14	4.2	1	26	18	1.35	<10	0.09	<10		0.06	939	<1	0.01	4
E777107	K-07-0126	192.86	194.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	71	460	0.26	58	30	<0.5	<2	1.02	13.1	1	29	7	0.95	<10	0.07	<10		0.48	1845	<1	0.01	4
E777109	K-07-0126	194.68	196.55	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	16	234	0.32	87	60	<0.5	<2	0.02	3.3	<1	34	10	0.59	<10	0.09	<10		0.02	759	2	0.01	3
E777110	K-07-0126	196.55	198.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	90	0.31	40	70	<0.5	<2	0.02	1.4	1	31	6	0.39	<10	0.09	10		0.01	292	1	0.01	1
E777111	K-07-0126	198.4	200.56	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	118	2.16	11	320	0.5	<2	0.1	0.9	1	43	10	1.13	<10	0.33	10		0.14	401	<1	0.15	14
E777112	K-07-0126	200.56	202.69	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	29	2.39	12	290	0.5	<2	0.19	<0.5	3	41	19	1.27	10	0.29	10		0.18	88	3	0.16	22
E777113	K-07-0126	202.69	206.98	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	60	4.5	22	670	1.1	<2	0.3	<0.5	6	61	13	2.07	10	0.68	20		0.24	198	1	0.22	32
E777114	K-07-0126	206.98	209.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	18	1.57	11	260	<0.5	<2	0.11	<0.5	3	40	5	0.76	<10	0.25	10		0.05	172	1	0.13	10
E777121	K-08-0129	6.1	8	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	11	81	0.45	8	80	<0.5	<2	0.24	0.6	1	31	3	0.43	<10	0.12	10		0.04	99	1	0.02	5
E777122	K-08-0129	8	10.16	QTZT	QTZT	Non-Mineralized	N-AML	0.05	<0.5	43	575	0.38	10	60	<0.5	<2	0.36	6.6	<1	34	4	0.54	<10	0.12	10		0.02	837	<1	0.01	3
E777123	K-08-0129	10.16	11.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	24	677	2.31	27	360	0.6	<2	0.53	7.1	3	58	9	1.28	10	0.66	20		0.09	311	<1	0.07	14
E777125	K-08-0129	11.2	14	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.6	129	1440	0.51	28	70	<0.5	<2	0.48	18.6	1	32	17	0.87	<10	0.14	10		0.03	1355	<1	0.02	7
E777126	K-08-0129	14	17	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	107	805	0.76	18	110	<0.5	<2	1.14	10.1	2	24	5	0.96	<10	0.23	10		0.02	1635	<1	0.02	7
E777127	K-08-0129	17	20.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	21	265	1.95	6	360	0.5	<2	2.02	2.1	2	47	8	1.13	<10	0.55	10		0.19	256	<1	0.07	11
E777128	K-08-0129	20.2	23	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	189	7.53	7	470	0.6	<2	6.21	<0.5	32	102	141	7.38	20	0.31	10		2.97	1260	2	0.95	69
E777136	K-08-0129	35.36	38	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	18	151	0.76	<5	100	<0.5	<2	0.8	1.6	1	32	5	0.71	<10	0.22	10		0.08	345	<1	0.02	8
E777137	K-08-0129	38	41	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	13	145	2.25	14	380	0.5	<2	1.09	1	<1	66	8	1.13	10	0.67	20		0.14	174	<1	0.07	11
E777138	K-08-0129	41	44	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	15	258	1.07	9	170	<0.5	<2	0.61	2	<1	50	5	0.78	<10	0.31	10		0.08	249	<1	0.03	7
E777139	K-08-0129	44	47	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	22	280	2.05	7	320	0.6	<2	1.09	1.8	2	49	7	1.3	10	0.5	10		0.21	324	1	0.09	11
E777140	K-08-0129	47	48.59	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	110	1.7	8	270	<0.5	<2	2.25	1.2	3	42	6	2.2	<10	0.33	10		0.35	216	<1	0.07	13
E777151	K-08-0129	67	69.03	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	220	1.11	<5	160	<0.5	<2	0.94	5.7	1	32	5	0.98	<10	0.22	10		0.3	220	<1	0.02	5
E777149	K-08-0129	65.19	67	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	45	0.67	<5	130	<0.5	<2	2.07	0.6	1	36	4	0.52	<10	0.19	10		0.09	118	<1	0.02	5
E777156	K-08-0129	75.54	77	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	33	0.84	<5	140	<0.5	<2	0.48	<0.5	<1	35	9	0.64	<10	0.19	10		0.1	93	<1	0.03	10

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E777157	K-08-0129	77	79.11	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	41	1.09	<5	180	<0.5	<2	0.62	<0.5	1	43	7	0.66	<10	0.25	10		0.07	107	1	0.04	9
E777158	K-08-0129	79.11	81.99	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	15	107	3.01	10	440	0.6	<2	0.9	<0.5	3	55	12	1.62	10	0.59	10		0.25	366	1	0.11	15
E777159	K-08-0129	81.99	85	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	12	131	1.66	16	270	<0.5	<2	1.63	<0.5	3	41	7	0.95	<10	0.36	10		0.15	341	1	0.06	13
E777160	K-08-0129	85	87.75	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	30	227	3.67	37	520	0.9	<2	1.29	<0.5	4	62	9	1.65	10	0.69	20		0.23	459	1	0.16	22
E777161	K-08-0129	87.75	88.53	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	24	94	0.41	32	90	<0.5	<2	0.06	<0.5	<1	22	5	0.47	<10	0.13	<10		0.01	112	1	0.01	2
E777163	K-08-0129	88.53	90	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	34	217	0.46	31	60	<0.5	<2	0.05	<0.5	<1	27	7	0.82	<10	0.1	<10		0.06	679	1	0.01	4
E777170	K-08-0129	105	108	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	9	452	2.43	8	420	0.5	<2	0.31	1.6	4	59	11	1.29	<10	0.67	10		0.18	648	2	0.06	19
E777165	K-08-0129	90	93	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	757	1.45	48	240	<0.5	<2	0.22	3.7	3	46	7	1.19	<10	0.34	10		0.13	1200	<1	0.07	13
E777166	K-08-0129	93	96	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	587	0.99	10	160	<0.5	<2	0.43	2.7	1	44	5	0.71	<10	0.23	10		0.11	637	<1	0.04	11
E777167	K-08-0129	96	99	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	1390	2.04	21	320	<0.5	<2	1.61	7.7	5	50	9	1.26	<10	0.46	10		0.2	1770	<1	0.07	19
E777169	K-08-0129	102	105	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	336	0.55	<5	100	<0.5	<2	0.29	1.3	1	44	2	0.55	<10	0.16	10		0.07	456	<1	0.01	4
E777171	K-08-0129	108	111	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	1240	2.03	11	360	0.5	<2	0.83	4	4	47	13	1.5	<10	0.51	10		0.23	1630	2	0.12	21
E777172	K-08-0129	111	114	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	56	528	0.32	<5	80	<0.5	<2	0.09	5.1	<1	31	3	0.43	<10	0.1	<10		0.02	898	<1	0.01	3
E777174	K-08-0129	114	115.77	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	70	1580	0.93	<5	180	<0.5	<2	0.22	9.6	3	40	6	0.89	<10	0.28	10		0.04	2020	<1	0.03	12
E777168	K-08-0129	99	102	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	668	3.27	5	570	0.7	<2	0.96	2.2	4	66	13	1.83	10	0.82	20		0.31	1165	1	0.13	23
E777175	K-08-0129	115.77	116.54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	122	576	0.31	<5	70	<0.5	<2	0.08	6.4	<1	38	3	0.71	<10	0.1	<10		0.02	1640	<1	0.01	3
E777176	K-08-0129	116.54	118.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	4.2	1400	2620	1.15	22	210	<0.5	<2	0.19	32.5	1	37	10	1.44	<10	0.4	10		0.08	3110	<1	0.03	11
E777177	K-08-0129	118.5	119.75	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1	382	993	0.33	8	70	<0.5	<2	0.15	9.2	<1	30	3	0.8	<10	0.11	<10		0.03	2470	<1	0.01	2
E777184	K-08-0129	136.86	140	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	35	258	0.48	56	60	<0.5	<2	0.04	1.8	1	36	7	0.66	<10	0.15	10		0.03	609	1	0.01	4
E777185	K-08-0129	140	143	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	229	0.62	45	70	<0.5	<2	0.05	1.1	<1	32	3	0.66	<10	0.18	10		0.04	919	<1	0.01	4
E777194	K-08-0129	157.28	161.56	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	18	233	2.7	5520	320	0.6	<2	0.1	0.5	14	43	6	3.48	10	0.65	20		0.22	2310	1	0.07	23
E777193	K-08-0129	153.18	157.28	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	482	7.25	53	370	1.3	<2	0.29	0.9	23	37	3	12.25	20	1.11	20		2.04	3890	2	0.02	49
E777192	K-08-0129	152	153.18	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	459	1.22	360	190	<0.5	<2	0.09	1.2	8	35	9	1.41	<10	0.4	10		0.14	1145	<1	0.01	8
E777190	K-08-0129	149.52	152	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	41	389	1.81	7	240	0.5	<2	0.07	2.5	3	37	6	1.34	<10	0.53	10		0.15	992	<1	0.05	13
E777189	K-08-0129	148.36	149.52	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	22	316	2.27	5	300	0.6	<2	0.07	1.1	4	48	9	1.52	10	0.63	20		0.16	1975	<1	0.06	18
E777188	K-08-0129	146	148.36	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	22	478	1.54	<5	120	<0.5	<2	0.08	2.1	3	41	3	2.02	10	0.33	10		0.19	2280	<1	0.04	8
E777186	K-08-0129	143	146	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	27	568	1.9	17	220	0.5	2	0.07	5.5	3	42	8	1.93	<10	0.53	10		0.11	2580	<1	0.05	8
E777195	K-08-0129	161.56	164.78	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	49	359	1.68	23	380	0.5	<2	0.11	3.4	2	36	9	0.81	<10	0.39	10		0.09	833	<1	0.13	16
E777206	K-08-0129	184	185	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	22	365	0.56	14	150	<0.5	<2	0.02	3.5	<1	39	10	0.5	<10	0.15	10		0.02	708	<1	0.04	6
E777208	K-08-0129	186	187	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	239	0.46	83	40	<0.5	<2	0.02	2	1	29	5	0.95	<10	0.15	<10		0.02	2050	<1	0.01	5
E777209	K-08-0129	187	188	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	12	236	0.61	167	180	<0.5	<2	0.02	2	<1	31	4	0.62	<10	0.17	10		0.02	997	<1	0.03	4
E777205	K-08-0129	183	184	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	47	556	0.46	50	40	<0.5	<2	0.03	5.7	<1	33	9	0.52	<10	0.11	10		0.02	698	<1	0.04	4
E777204	K-08-0129	182	183	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.5	73	487	0.36	87	60	<0.5	2	0.02	5.9	1	49	17	0.53	<10	0.11	10		0.02	607	1	0.02	4
E777202	K-08-0129	179	182	QTZT	QTZT	Non-Mineralized	N-AML	0.01	5	163	2760	1.03	56	290	<0.5	6	0.03	37.9	1	32	19	0.69	<10	0.28	10		0.05	570	<1	0.06	8
E777201	K-08-0129	176	179	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.8	44	789	0.65	152	140	<0.5	<2	0.03	9.4	<1	27	11	0.55	<10	0.19	10		0.02	589	<1	0.03	6
E777200	K-08-0129	173	176	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.8	23	1130	0.43	84	130	<0.5	<2	0.02	15.1	1	25	13	0.44	<10	0.13	<10		0.02	563	<1	0.02	3
E777199	K-08-0129	169.97	173	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	19	378	0.93	114	360	<0.5	<2	0.05	4.1	<1	30	11	0.51	<10	0.26	10		0.04	575	<1	0.06	6
E777213	K-08-0129	190	191	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	0.7	68	434	6.95	74	1670	2.2	<2	0.17	2	8	85	25	1.58	10	1.46	30		0.18	1415	1	0.7	49
E777212	K-08-0129	189	190	QTZT	QTZT	Non-Mineralized	N-AML	0.04	2.5	322	1380	0.29	427	50	<0.5	<2	0.04	14.2	4	29	27	1.55	<10	0.1	<10		0.11	3430	<1	<0.01	5
E777214	K-08-0129	191	191.83	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.9	272	1300	0.41	228	30	<0.5	<2	0.07	12.7	6	32	48	1.38	<10	0.13	10		0.06	1860	<1	<0.01	6
E777207	K-08-0129	185	186	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1	24	493	0.33	116	60	<0.5	<2	0.02	5.6	<1	33	18	0.4	<10	0.1	<10		0.01	552	<1	0.01	3
E777210	K-08-0129	188	189	QTZT	QTZT	Non-Mineralized	N-AML	0.01	6	639	2700	0.27	179	10	<0.5	<2	0.24	28.3	9	31	69	3.45	<10	0.07	<10		0.41	6240	<1	<0.01	12
E777222	K-08-0129	198	199	QTZT	QTZT	Non-Mineralized	N-AML	0.04	1.8	352	1370	0.18	191	10	<0.5	<2	0.44	12.7	<1	23	13	3.09	<10	0.06	<10		0.36	9360	<1	<0.01	5
E777223	K-08-0129	199	200.1	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.1	80	1460	0.35	260	20	<0.5	<2	0.08	14.6	1	29	15	2.75	<10	0.12	<10		0.21	8210	<1	<0.01	9
E777221	K-08-0129	197	198	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	16	141	0.23	33	50	<0.5	2	0.02	1.2	<1	37	3	0.33	<10	0.07	<10		0.01	278	<1	0.01	4
E777220	K-08-0129	196	197	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	37	439	0.32	395	50	<0.5	<2	0.04	4	<1	34	6	0.88	<10	0.09	10		0.02	1880	<1	0.01	7
E777219	K-08-0129	195.09	196	QTZT	QTZT	Non-Mineralized	N-AML	0.02	10	109	1200	0.38	664	60	<0.5	4	0.12	15.9	3	35	167	1.44	<10	0.12	10		0.02	2170	<1	0.01	7
E777225	K-08-0129	200.1	203.3	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.7	53	771	0.81	175	180	<0.5	2	0.14	8.5	2	29	13	2.12	<10	0.2	10		0.19	4580	<1	0.04	5
E777232	K-08-0129	216.42	218.81	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	55	1.86	7	190	0.5	<2	0.51	<0.5	3	37	6	1.23	<10	0.39	10		0.17	272	<1	0.06	12
E777231	K-08-0129	214.13	216.42	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	63	0.88	<5	130	<0.5	<2	0.11	<0.5	2	30	3	0.83	<10	0.2	10		0.05	756	<1	0.03	6
E777243	K-08-0129	243.5	246.58	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	7	55	4.33	6	440	1.1	<2	1.63	<0.5	6	73	23	2.21	10	0.79	20		0.4	201	<1	0.22	23
E777242	K-08-0129	240.49	243.5	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	5	37	2.78	8	330	0.7	<2	0.34	<0.5	4	64	10	1.24	10	0.6	10		0.15	97	1	0.12	17
E777256	K-08-0129	268	270.03	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	2	20	1.79	10	520	<0.5	<2	0.16	<0.5	3	50	6	1.04	<10	0.53	10		0.12	98	<1	0.04	10
E777254	K-08-0129	262	265	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	9	41	2.26	20	290	0.5	<2	3.13	<0.5	4	51	8	1.41	<10	0.54	10		0.24	150	<1	0.12	16
E777252	K-08-0129	259.76	262	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	106	288	1.28	20	150	<0.5	<2	2.6	2.1	2	31	6	1.19	<10	0.37	10		0.15	2180	<1	0.04	8
E777255	K-08-0129	265	268	QTZT	QTZT	Mineralized	P-AML	0.02	<0.5	<2	23	1.56	11	300	<0.5	<2	0.33	<0.5	2	42	5	1.02	10	0.4	10		0.11	97	<1	0.06	8
E777257	K-08-0129	270.03	273	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	2	13	0.8	7	120	<0.5	<2	0.67	<0.5	1	31	3	0.66	<10	0.19	10		0.08	89	<1	0.02	4
E777258	K-08-0129	273	275.45	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	<2	12	0.51	16	90	<0.5	<2	0.26	<0.5	1	32	3	0.66	<10	0.12	10		0.07	90	<1	0.01	3
E777259	K-08-0129	275.45	278	QTZT	QTZT	Non-Mineralized	N-AML	0.05	<0.5	2	24	2.63	197	450	0.7	<2	0.15	<0.5	3	57	7	1.08	10	0.84	10		0.13	87	<1	0.07	14
E777262	K-08-0129	284	286.51	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	3	14	0.88	5	120	<0.5	<2	0.09	<0.5	1	31	4	0.54	<10	0.28	10		0.06	41	<1	0.02	5
E777261	K-08-0129	281	284	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	4	18	1.19	5	140	<0.5	<2	0.17	<0.5	1	37	4	0.68	<10	0.33	10		0.07	57	<1	0.03	8
E777260	K-08-0129	278	281	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	5	14	1.2	9	170	<0.5	<2	0.12	<0.5	2	44	5	0.89	<10	0.39	10		0.09	82	<1	0.03	9
E777269	K-08-0129	298	300	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	71	92	3.55	17	430	1	<2	0.23	0.5	5	56	11	2.4	10	0.8	20		0.3	776	1	0.11	22
E777270	K-08-0129	300	301.64	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	13	21	1.19	5	170	<0.5	<2	1.92	<0.5	3	36	6	1.3	<10	0.27	10		0.61	256	<1	0.02	4
E777267	K-08-0129	295	298	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	16	40	2.46	14	370	0.7	<2	0.47	<0.5	5	50	8	1.07	10	0.74	20		0.25	487	1	0.07	16
E777266	K-08-0129	292	295	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	18	55	4.11	16	550	1.2	<2	0.46	<0.5	7	68	18	2.18	10	0.92	20		0.38	159	<1	0.12	26
E777264	K-08-0129	289	292	QTZT	QTZT	Non-Mineralized	P-AML	0.02	<0.5	21	60	5.36	27	820	1.6	<2	0.29	<0.5	7	74	20	2.21	10	1.27	20		0.34	140	<1	0.14	32
E777263	K-08-0129	286.51	289	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	3	30	2.62	7	380	0.7	<2	0.17	<0.5	4	53	12	1.57	10	0.72	10		0.19	174	1	0.06	17
E777271	K-08-0129	301.64	304.86	QTZT	QTZT	Non-Mineralized	P-AML	0.02	<0.5	11	63	5.34	14	730	1.4	<2	0.24	<0.5	8	78	16	2.85	10	1.16	30		0.37	193	<1	0.11	33
E777274	K-08-0129	310	312.11	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	16	79	2.84	14	380	0.7	<2	0.57	<0.5	5	54	10	1.64	10	0.52	20		0.21	104	<1	0.05	18

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E777273	K-08-0129	308	310	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	3	26	2.27	<5	330	0.6	<2	0.45	<0.5	4	51	7	1.51	10	0.46	20		0.26	143	1	0.05	15
E777272	K-08-0129	304.86	308	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	4	28	2.04	13	300	0.6	<2	1.14	<0.5	3	44	8	1.34	<10	0.4	10		0.47	233	<1	0.07	13
E777276	K-08-0129	313.16	316.09	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	13	51	2.84	10	410	0.7	<2	0.85	<0.5	5	60	12	2.04	10	0.47	20		0.41	150	<1	0.06	18
E777279	K-08-0129	317.56	320	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	7	52	2.09	5	260	0.5	<2	0.68	<0.5	4	46	16	1.84	10	0.35	10		0.36	230	1	0.05	22
E777280	K-08-0129	320	323.0889	QTZT	QTZT	Non-Mineralized	N-AML	0.02	3	102	146	0.91	14	100	<0.5	<2	0.21	1.2	2	33	11	1.18	<10	0.18	10		0.21	307	<1	0.04	8
E753932	K-08-0130	32.07	35.12	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	10	51	3.12	<5	380	0.8	3	0.85	<0.5	5	62	9	2.04	10	0.68	20		0.26	135	<1	0.11	22
E753948	K-08-0130	71.08	73.23	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.5	169	799	1.7	18	310	<0.5	<2	2.81	7.3	7	66	25	1.8	<10	0.41	10		0.39	2100	1	0.14	14
E753927	K-08-0130	20.06	23.06	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	10	89	3.91	<5	550	1.1	<2	1.11	<0.5	6	63	12	2.25	10	0.88	20		0.36	169	1	0.12	24
E753931	K-08-0130	29.06	32.07	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	10	82	5.17	5	690	1.5	<2	0.91	<0.5	8	73	13	2.65	10	1.08	20		0.35	164	1	0.16	30
E753929	K-08-0130	23.06	26.06	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	31	85	3.91	16	530	1.1	3	0.83	<0.5	6	70	15	2.19	10	0.86	20		0.28	148	1	0.12	23
E753933	K-08-0130	35.12	38.12	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	18	61	4.08	16	550	1.1	2	1.53	<0.5	8	84	16	2.32	10	0.9	20		0.46	178	1	0.13	26
E753935	K-08-0130	38.12	41.28	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	39	2.2	6	290	0.6	2	1.03	<0.5	4	45	6	1.51	<10	0.51	10		0.25	121	<1	0.07	13
E753936	K-08-0130	41.28	44.29	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	7	37	2.41	<5	330	0.7	<2	0.94	<0.5	3	53	5	1.43	10	0.54	10		0.26	114	1	0.07	14
E753937	K-08-0130	44.29	47.03	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	63	4.03	12	590	1.1	3	1.37	<0.5	7	66	13	2.17	10	1	20		0.32	174	1	0.13	27
E753939	K-08-0130	47.03	50.03	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	12	60	3.68	16	560	0.8	2	3.23	0.5	8	80	34	2.28	10	0.79	20		0.61	249	2	0.11	27
E753940	K-08-0130	50.03	53.03	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	53	2.74	10	510	0.7	<2	4.52	0.5	5	51	18	1.9	<10	0.67	10		0.84	191	2	0.13	17
E753941	K-08-0130	53.03	56.06	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	31	101	7.49	<5	1010	2.2	<2	1.49	<0.5	10	113	21	3.85	20	1.46	30		0.59	564	2	0.27	50
E753943	K-08-0130	59.06	62.06	QTZT	QTZT	Non-Mineralized	N-AML	0.07	<0.5	22	97	5.86	17	890	1.6	<2	1.34	<0.5	8	92	17	2.79	10	1.65	20		0.45	134	2	0.26	38
E753944	K-08-0130	62.06	65.06	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	6	43	1.47	<5	200	<0.5	<2	1.31	<0.5	4	58	7	1.11	<10	0.39	10		0.17	92	1	0.03	9
E753945	K-08-0130	65.06	68.06	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	126	2.58	6	420	0.7	<2	2.32	0.7	3	64	8	1.37	<10	0.78	20		0.29	132	<1	0.06	16
E753947	K-08-0130	68.06	71.08	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	70	476	0.8	31	120	<0.5	<2	1.96	3.2	2	53	4	0.89	<10	0.27	10		0.1	928	1	0.03	6
E753930	K-08-0130	26.06	29.06	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	73	2.37	6	330	0.6	<2	0.77	<0.5	4	49	7	1.59	10	0.54	20		0.22	165	1	0.06	14
E753942	K-08-0130	56.06	59.06	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	10	75	3.8	6	530	1	<2	1.6	<0.5	5	74	13	2.1	10	0.86	20		0.32	172	1	0.12	28
E754008	K-08-0134	75.44	78.19	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	19	89	2.36	<5	330	0.5	<2	2.38	<0.5	4	48	11	1.5	<10	0.55	20		0.33	114	<1	0.07	15
E754011	K-08-0134	83.73	86.73	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	10	136	8.36	<5	340	<0.5	<2	7.85	<0.5	41	134	204	8.83	20	0.15	10		3.84	1450	<1	1.56	92
E754009	K-08-0134	78.19	81.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	59	0.96	<5	140	<0.5	<2	2.53	<0.5	2	35	5	0.81	<10	0.23	10		0.14	85	<1	0.04	7
E754007	K-08-0134	72.31	75.44	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	32	77	1.47	7	260	<0.5	<2	3.09	<0.5	1	38	10	0.9	<10	0.39	10		0.12	105	1	0.08	8
E754005	K-08-0134	69.25	72.31	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	16	50	1	7	190	<0.5	<2	4.07	<0.5	1	38	9	0.72	<10	0.26	10		0.12	127	2	0.04	8
E754010	K-08-0134	81.74	83.73	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	14	123	1.15	7	300	<0.5	<2	2.83	<0.5	1	39	9	0.75	<10	0.35	10		0.17	129	<1	0.04	8
E754014	K-08-0134	89.35	91.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	511	2.62	9	770	0.5	<2	2.92	<0.5	6	55	39	1.97	10	0.51	10		0.74	582	1	0.14	20
E754016	K-08-0134	93.63	96.63	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	114	4.49	7	6970	1.2	<2	0.37	<0.5	14	46	78	2.92	20	1.1	20		0.82	2190	<1	0.35	38
E754027	K-08-0134	117.11	120.09	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	35	441	6.13	17	780	1.5	<2	2.55	0.6	8	94	20	2.98	10	1.29	30		0.52	333	<1	0.25	34
E754025	K-08-0134	114.17	117.11	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	2080	0.76	<5	120	<0.5	<2	1.71	2.6	2	38	5	0.73	<10	0.21	10		0.14	742	<1	0.03	9
E754023	K-08-0134	108.17	111.17	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	77	1.36	<5	320	<0.5	<2	2.57	<0.5	1	52	7	0.92	<10	0.33	10		0.18	98	<1	0.1	10
E754034	K-08-0134	134.07	136.13	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	52	0.91	<5	180	<0.5	<2	2.27	<0.5	1	34	4	0.78	<10	0.24	10		0.18	119	<1	0.03	5
E754032	K-08-0134	132.07	134.07	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	17	86	4.34	18	770	1	<2	3.98	<0.5	5	88	15	2.32	10	1.01	20		0.51	200	1	0.14	27
E754031	K-08-0134	129.08	132.07	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	29	354	2.7	13	470	0.6	<2	1.72	1.3	3	61	11	1.56	10	0.75	20		0.3	488	<1	0.07	18
E754030	K-08-0134	126.14	129.08	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	22	189	3.28	14	520	0.8	<2	1.81	<0.5	5	61	13	1.99	10	0.9	20		0.39	309	1	0.09	24
E754028	K-08-0134	120.09	123.04	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	19	217	1.62	13	220	<0.5	<2	1.26	<0.5	3	50	8	0.97	<10	0.42	10		0.22	147	<1	0.05	12
E754029	K-08-0134	123.04	126.14	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	19	732	2.35	70	340	0.5	<2	1.86	2.2	3	50	9	1.9	10	0.55	10		0.33	423	<1	0.08	17
E754045	K-08-0134	160.87	163.59	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	50	3.52	12	460	0.9	<2	2.01	<0.5	4	62	12	1.78	10	0.61	20		0.28	138	1	0.15	19
E754038	K-08-0134	142.9	145.9	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	11	31	1.81	<5	350	<0.5	<2	1.47	<0.5	2	52	7	1.17	<10	0.43	10		0.21	111	<1	0.05	12
E754040	K-08-0134	145.9	148.91	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	17	78	6.19	16	880	1.5	<2	1.76	<0.5	8	95	20	3.05	20	1.17	30		0.53	169	<1	0.16	37
E754041	K-08-0134	148.91	151.91	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	68	4.45	14	580	1	<2	1.53	<0.5	6	80	17	3.29	10	0.84	20		0.53	173	1	0.11	29
E754042	K-08-0134	151.91	154.88	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	58	4.19	13	540	1.1	<2	1.49	0.5	5	76	14	2.32	10	0.81	20		0.41	254	1	0.12	24
E754044	K-08-0134	157.8	160.87	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	52	3.83	11	510	1	<2	2.01	0.5	4	68	17	2.3	10	0.75	20		0.46	236	1	0.12	23
E754043	K-08-0134	154.88	157.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	28	72	1.86	9	260	0.5	<2	0.82	0.6	2	48	7	1.24	<10	0.45	10		0.27	292	1	0.05	12
E754112	K-08-0134	213.44	213.96	QTZT	QTZT	Non-Mineralized	P-AML	0.01	2.8	347	3300	8.92	85	970	2.4	4	0.33	33	13	148	54	5.66	20	2.86	40		0.61	6400	2	0.19	61
E754116	K-08-0134	215.04	215.54	QTZT	QTZT	Non-Mineralized	P-AML	0.01	0.6	50	480	9.88	79	1100	3.5	<2	0.35	4.7	15	171	23	5.41	20	3.38	40		0.51	4680	1	0.24	65
E754101	K-08-0134	215.54	216.1	QTZT	QTZT	Non-Mineralized	P-AML	0.01	3	96	885	8.55	100	800	2.8	3	0.35	9.9	8	144	48	6.6	30	2.32	60		0.59	4200	1	0.22	47
E754114	K-08-0134	214.55	215.04	QTZT	QTZT	Non-Mineralized	N-AML	0.01	14.4	344	2030	5.71	65	600	1.8	27	0.27	18.5	9	93	19	10.25	10	2.06	20		0.37	27700	1	0.13	42
E754107	K-08-0134	210.69	211.36	QTZT	QTZT	Non-Mineralized	N-AML	0.21	12.4	324	3940	0.38	10000	20	<0.5	30	0.47	38.6	29	14	60	9.03	<10	0.07	10		0.24	16700	1	0.01	20
E754118	K-08-0134	216.1	216.6	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.6	74	2400	3.33	150	160	1	3	0.18	32.3	1	62	71	5.92	20	0.69	20		0.34	6670	1	0.13	18
E754054	K-08-0134	176.43	177.59	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.9	380	1690	5.46	72	760	1.4	<2	1.03	15.6	10	94	19	5.7	10	1.85	30		0.35	11300	2	0.13	39
E754128	K-08-0134	221.76	222.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	59	350	3.64	42	500	1	<2	0.19	2.3	5	66	18	1.44	10	1.35	20		0.16	971	1	0.08	18
E754139	K-08-0134	233.53	234.3899	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	83	596	1.4	10	190	<0.5	<2	0.12	5.6	2	37	27	1.2	<10	0.47	10		0.09	1755	1	0.05	12
E754138	K-08-0134	231.21	233.53	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	44	148	1.91	17	240	0.6	<2	2.12	1.2	2	44	7	2.23	<10	0.5	10		0.92	1030	1	0.07	12
E754136	K-08-0134	230.27	231.21	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	18	97	3.47	24	510	1	<2	0.18	0.5	4	60	14	1.62	10	1.18	20		0.22	431	1	0.08	22
E754135	K-08-0134	229.24	230.27	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	14	104	2.6	29	410	0.7	<2	0.11	0.6	4	51	14	0.66	<10	0.99	20		0.07	215	1	0.07	17
E754134	K-08-0134	228.22	229.24	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	93	0.5	5	60	<0.5	<2	0.57	0.5	1	26	3	0.91	<10	0.15	10		0.22	358	1	0.01	4
E754131	K-08-0134	224.74	226.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	128	1.28	12	170	<0.5	<2	0.18	0.6	2	36	4	0.65	<10	0.46	10		0.11	251	1	0.03	10
E754133	K-08-0134	226.2	228.22	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	53	0.61	10	100	<0.5	<2	0.05	<0.5	<1	28	3	0.33	<10	0.23	10		0.03	99	<1	0.01	3
E754129	K-08-0134	222.66	223.67	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	185	3.8	23	500	1	<2	0.17	0.9	4	64	9	1.08	10	1.38	20		0.14	538	1	0.07	21
E754126	K-08-0134	221.13	221.76	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.6	129	1580	3.61	81	450	1	<2	1.19	14.5	4	58	43	2.28	10	1.22	20		0.53	2930	<1	0.07	13
E754125	K-08-0134	220.68	221.13	QTZT	QTZT	Non-Mineralized	N-AML	0.06	32.1	487	3860	5.73	2400	380	1.8	19	0.3	34.7	18	72	417	7.75	20	1.08	30		0.51	14850	1	0.28	24
E754124	K-08-0134	220.07	220.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	72	803	2.86	124	340	0.7	<2	0.19	6.3	5	61	14	3.16	10	1.03	10		0.16	7640	1	0.05	20
E754123	K-08-0134	219	220.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	35	959	0.67	297	50	<0.5	<2	0.09	8.9	1	33	12	1.87	<10	0.25	10		0.06	4470	<1	0.01	6
E754122	K-08-0134	218.36	219	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.8	49	822	1.47	70	100	<0.5	<2	0.16	6.7	1	39	37	2.46	<10	0.48	10		0.1	3620	<1	0.02	8
E754121	K-08-0134	217.8	218.36	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	41	1955	1.85	261	200	0.5	<2	0.07	18.4	2	50	35	1.68	<10	0.7	10		0.06	2250	1	0.03	9
E754120	K-08-0134	217.12	217.8	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.8	48	1950	0.4	1315	30	<0.5	3	0.06	22.5	2	34	52	1.47	<10	0.16	10		0.03	1720	<1	<0.01	4

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E754130	K-08-0134	223.67	224.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	74	1.29	7	150	<0.5	<2	0.05	<0.5	3	37	6	0.72	<10	0.43	10		0.08	295	1	0.02	11
E754047	K-08-0134	165.64	168.61	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	28	1.37	6	200	<0.5	<2	0.33	<0.5	2	43	5	0.75	<10	0.33	10		0.11	131	<1	0.05	9
E754056	K-08-0134	178.63	179.95	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.7	261	767	1.76	31	270	0.5	<2	0.67	8	4	43	16	2.1	<10	0.61	10		0.29	4370	1	0.04	17
E754048	K-08-0134	168.61	171.61	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	269	433	1.33	34	210	<0.5	<2	0.59	3.5	1	45	6	1.28	<10	0.43	10		0.11	1670	1	0.03	9
E754049	K-08-0134	171.61	172.69	QTZT	QTZT	Non-Mineralized	N-AML	0.03	0.9	195	455	3	86	460	0.8	<2	0.14	4.4	3	61	11	2.45	10	0.93	20		0.16	3720	1	0.09	17
E754074	K-08-0134	193.25	194.25	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	31	4450	0.27	61	<10	<0.5	<2	0.17	54.6	<1	27	39	2.8	<10	0.08	<10		0.08	7190	<1	0.01	2
E754070	K-08-0134	189.97	190.98	QTZT	QTZT	Non-Mineralized	N-AML	0.01	4.4	213	2040	3.23	29	440	0.7	4	0.2	23.3	1	64	37	3.34	10	0.99	10		0.17	5650	<1	0.09	20
E754069	K-08-0134	188.97	189.97	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.6	142	1880	1.07	17	130	<0.5	3	0.12	21.6	<1	41	24	2.42	<10	0.36	10		0.09	5420	2	0.03	6
E754068	K-08-0134	187.96	188.97	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.1	107	1210	1.47	20	180	<0.5	<2	0.1	12.5	1	50	18	1.75	<10	0.53	10		0.07	2920	<1	0.03	10
E754051	K-08-0134	172.69	173.63	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	1.5	170	1040	8.44	79	1160	2.8	3	0.29	10	10	140	36	3.24	20	2.75	40		0.28	2760	1	0.28	39
E754065	K-08-0134	185.98	186.98	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.4	120	3300	1.65	58	210	<0.5	2	0.12	43.4	1	47	34	2.49	<10	0.5	10		0.1	3370	1	0.04	12
E754063	K-08-0134	183.95	184.98	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.1	167	2210	2.48	40	320	0.8	2	0.11	30	3	59	43	3.25	10	0.69	10		0.18	3220	1	0.08	19
E754062	K-08-0134	182.98	183.95	QTZT	QTZT	Non-Mineralized	N-AML	0.45	0.8	76	843	1.87	26	250	0.5	<2	0.08	10.6	2	52	15	1.86	<10	0.51	10		0.1	1910	<1	0.04	13
E754060	K-08-0134	180.91	181.81	QTZT	QTZT	Non-Mineralized	N-AML	0.01	4.3	183	4770	1.1	696	90	<0.5	6	0.13	58	3	40	82	5.17	<10	0.34	10		0.12	9000	1	0.03	9
E754055	K-08-0134	177.59	178.63	QTZT	QTZT	Non-Mineralized	N-AML	0.02	2.2	276	2400	2.41	41	330	0.7	<2	1.78	20.5	5	44	10	2.57	10	0.85	10		0.38	6820	1	0.06	15
E754053	K-08-0134	175.61	176.43	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	84	518	1.91	12	240	0.5	<2	1.05	8.2	2	41	6	1.68	<10	0.65	10		0.34	1625	1	0.04	11
E754052	K-08-0134	173.63	175.61	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	28	311	0.36	6	40	<0.5	<2	0.04	3.5	<1	44	6	0.63	<10	0.12	10		0.02	687	<1	0.01	4
E754067	K-08-0134	186.98	187.96	QTZT	QTZT	Non-Mineralized	N-AML	0.01	4.1	216	3430	3.27	47	410	0.8	7	0.18	49.5	<1	69	81	4.05	10	0.91	20		0.19	5110	<1	0.09	22
E754093	K-08-0134	204.59	205.08	QTZT	QTZT	Non-Mineralized	N-AML	0.09	6.8	118	3750	2.25	240	190	0.5	2	0.41	38.6	4	37	115	7.88	<10	0.61	10		0.28	15850	<1	0.08	10
E754091	K-08-0134	204.24	204.59	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.7	52	2400	0.17	55	20	<0.5	14	0.76	21.7	3	1	15	31.1	<10	0.05	<10		0.67	84800	<1	0.01	3
E754075	K-08-0134	194.25	195	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	49	3500	0.41	96	20	<0.5	<2	0.07	42.8	<1	36	33	2.24	<10	0.14	10		0.05	5500	<1	0.01	8
E754088	K-08-0134	202.43	203.08	QTZT	QTZT	Non-Mineralized	N-AML	0.22	13.8	249	3470	0.89	2820	60	<0.5	11	0.72	40.2	10	23	131	13.2	<10	0.23	10		0.39	26900	<1	0.03	9
E754085	K-08-0134	201.34	201.77	QTZT	QTZT	Non-Mineralized	N-AML	0.3	9.3	227	581	0.18	9410	<10	<0.5	16	0.09	6	21	7	56	17.95	<10	0.06	10		0.17	27000	3	0.01	19
E754082	K-08-0134	199.35	200.75	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	4.2	224	3590	4.47	75	480	1.2	3	0.24	36.2	6	77	65	9.86	10	1.43	20		0.33	21600	1	0.15	22
E754081	K-08-0134	198.39	199.35	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.1	188	2580	4.3	77	680	1.3	7	0.15	25.1	7	81	48	2.65	10	1.51	20		0.19	3860	1	0.13	30
E754061	K-08-0134	181.81	182.98	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	44	329	0.35	40	80	<0.5	<2	0.04	4.1	<1	38	6	0.91	<10	0.12	<10		0.02	1305	<1	0.01	3
E770048	K-08-0135	28.23	30.76	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	19	56	1.24	9	150	<0.5	2	0.93	<0.5	<1	42	4	1.65	<10	0.21	10		0.21	159	1	0.02	11
E770051	K-08-0135	32.69	35.95	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	46	2.27	6	280	0.6	<2	0.96	<0.5	1	46	7	1.84	<10	0.43	10		0.3	138	<1	0.07	13
E770052	K-08-0135	35.95	38.95	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	16	77	5.17	13	620	1.4	3	0.91	<0.5	6	75	13	2.72	10	1	20		0.34	166	<1	0.16	30
E770053	K-08-0135	38.95	41.95	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	56	3.62	8	440	0.9	<2	1.92	<0.5	7	67	12	2.57	10	0.7	20		0.33	197	1	0.12	21
E770054	K-08-0135	41.95	44.95	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	63	3.92	8	520	0.9	<2	1.8	<0.5	6	79	20	2.37	10	0.81	20		0.4	202	2	0.15	25
E770055	K-08-0135	44.95	47.95	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	62	3.84	<5	470	1	<2	1.48	<0.5	5	62	11	2.85	10	0.74	20		0.5	205	1	0.11	23
E770057	K-08-0135	47.95	51.16	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	58	2.88	<5	400	0.7	<2	0.85	<0.5	6	55	13	1.74	<10	0.72	10		0.22	129	3	0.08	21
E770059	K-08-0135	53.5	55.75	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	23	84	3.76	17	560	0.7	<2	1.56	<0.5	4	78	26	2.48	10	0.84	20		0.5	374	1	0.09	21
E770137	K-08-0135	176	177	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	85	1130	0.73	37	100	<0.5	2	0.09	13.8	2	42	10	2.43	<10	0.27	10		0.05	6140	<1	0.02	7
E770138	K-08-0135	177	178	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	52	1260	0.72	22	110	<0.5	<2	0.11	16.7	2	47	8	1.61	<10	0.27	10		0.04	3710	1	0.02	5
E770139	K-08-0135	178	179	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	32	840	0.3	11	40	<0.5	<2	0.1	15.2	1	41	7	1.03	<10	0.12	<10		0.02	2070	1	0.01	4
E770140	K-08-0135	179	180.139	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	46	1805	0.41	13	40	<0.5	<2	0.15	25	1	37	9	1.57	<10	0.14	10		0.05	4470	<1	0.01	5
E602634	K-08-0136	9.81	12.57	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	9	181	0.37	12	60	<0.5	<2	0.14	1.6	1	39	3	0.32	<10	0.13	10		0.01	211	<1	0.01	2
E602633	K-08-0136	8	9.81	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	17	174	0.42	30	80	<0.5	<2	0.07	2	1	40	7	0.59	<10	0.14	10		0.02	550	1	0.01	4
E602632	K-08-0136	6.1	8	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	4	131	0.76	12	140	<0.5	<2	0.07	0.9	1	44	6	0.58	<10	0.24	10		0.05	90	1	0.02	6
E602650	K-08-0136	42.52	45.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	65	676	1.22	11	140	<0.5	<2	1.47	5.8	6	43	20	1.34	<10	0.23	10		0.27	1385	1	0.1	15
E602653	K-08-0136	51.5	54.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	9	675	3.26	8	550	1	<2	0.71	9.5	4	63	11	1.51	10	0.79	20		0.16	237	1	0.15	17
E602652	K-08-0136	48.5	51.5	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	11	510	1.24	19	260	<0.5	<2	0.23	5.1	2	54	12	0.83	<10	0.38	10		0.08	241	1	0.04	9
E602651	K-08-0136	45.5	48.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	29	1020	0.71	7	130	<0.5	<2	1.05	8.5	2	38	7	0.69	<10	0.22	10		0.08	578	<1	0.02	9
E602686	K-08-0136	116.04	118.26	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	358	0.61	11	90	<0.5	<2	0.1	<0.5	<1	38	4	0.57	<10	0.16	10		0.04	315	<1	0.02	3
E602688	K-08-0136	118.26	120.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	16	276	0.28	8	40	<0.5	<2	0.27	0.6	<1	40	3	0.39	<10	0.09	<10		0.03	380	1	0.01	<1
E602689	K-08-0136	120.85	123	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	37	212	1.44	12	200	<0.5	3	1.19	0.6	<1	45	5	0.93	<10	0.36	10		0.17	483	1	0.06	11
E602694	K-08-0136	128.26	130.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	184	466	1.21	35	190	<0.5	<2	0.25	3	<1	49	23	1.22	<10	0.4	10		0.11	1935	<1	0.03	6
E602692	K-08-0136	126.26	128.26	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.4	321	797	1.64	45	260	<0.5	2	0.23	6.3	<1	53	6	2.41	<10	0.52	10		0.14	6050	<1	0.05	7
E602691	K-08-0136	124.26	126.26	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	159	2.64	7	360	0.6	<2	2.45	<0.5	2	61	8	1.57	<10	0.55	10		0.28	257	<1	0.12	14
E602698	K-08-0136	136	139	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	38	465	1.34	79	220	<0.5	2	1.62	1.7	<1	47	7	0.93	<10	0.4	10		0.15	550	<1	0.05	10
E602697	K-08-0136	133.14	136	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.9	275	572	0.34	48	60	<0.5	<2	0.08	4.9	<1	41	6	0.86	<10	0.12	<10		0.04	2550	1	0.01	<1
E602696	K-08-0136	131.56	133.14	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	151	335	0.35	29	60	<0.5	<2	0.15	2.4	<1	37	14	0.92	<10	0.12	10		0.04	2090	<1	0.01	3
E602695	K-08-0136	130.05	131.56	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	258	1500	1.56	31	270	<0.5	4	2.12	6.7	1	44	12	1.73	<10	0.48	10		0.2	3690	2	0.07	11
E602707	K-08-0136	153.79	155.48	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	107	494	1.18	36	240	<0.5	<2	0.29	4.3	3	35	8	2.58	<10	0.35	10		0.28	6300	<1	0.03	10
E602706	K-08-0136	151.79	153.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	22	107	0.71	<5	70	<0.5	<2	1.72	0.6	2	28	7	1.55	<10	0.16	10		0.67	580	<1	0.02	5
E602705	K-08-0136	149.77	151.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	31	270	0.53	<5	40	<0.5	<2	1.58	1	1	26	3	1.14	<10	0.17	<10		0.55	1050	<1	0.01	4
E602704	K-08-0136	147.69	149.77	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	470	1.1	6	150	<0.5	<2	1.97	0.7	2	39	8	1.36	<10	0.29	10		0.63	605	<1	0.04	6
E602703	K-08-0136	145.69	147.69	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	113	558	1.49	12	200	<0.5	<2	2.68	2.5	3	37	7	1.25	<10	0.4	10		0.39	810	<1	0.07	10
E602701	K-08-0136	143.5	145.69	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	14	314	0.76	18	120	<0.5	<2	0.79	0.5	1	33	9	0.71	<10	0.23	10		0.14	553	<1	0.03	6
E602700	K-08-0136	141.27	143.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	143	1.09	9	170	<0.5	<2	0.77	<0.5	<1	38	11	0.78	<10	0.29	10		0.12	221	1	0.05	10
E602716	K-08-0136	164.7	167.03	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	218	1210	1.22	11	140	<0.5	<2	0.1	14.1	2	42	14	1.91	<10	0.4	10		0.09	5510	<1	0.02	11
E602715	K-08-0136	162.3	164.7	QTZT	QTZT	Non-Mineralized	N-AML	0.01	3.5	88	764	1.36	71	160	<0.5	5	0.06	9.3	2	35	120	1.85	<10	0.45	10		0.06	3780	<1	0.03	11
E602714	K-08-0136	160.2	162.3	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.4	326	809	4.26	61	540	1.1	<2	0.22	8.7	6	70	15	2.95	10	1.28	20		0.22	5160	<1	0.09	28
E602712	K-08-0136	157.7	158.2	QTZT	QTZT	Non-Mineralized	N-AML	1.26	16.8	3000	2500	2.25	119	230	0.9	<2	0.21	25.7	4	44	30	4.31	<10	0.58	10		0.31	8160	<1	0.05	18
E602713	K-08-0136	158.2	160.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.2	210	889	1.75	80	180	0.6	<2	0.15	9.6	4	41	11	2.58	<10	0.49	10		0.14	6420	<1	0.06	13
E602721	K-08-0136	173	174.34	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	115	754	0.72	7	90	<0.5	<2	0.11	7.7	1	36	7	2.7	<10	0.26	10		0.12	8180	<1	0.02	10
E602720	K-08-0136	171	173	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	91	272	1.31	6	170	<0.5	<2	0.1	2.8	3	44	8	1.38	<10	0.46	10		0.07	2930	<1	0.03	9
E602719	K-08-0136	169	171	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	143	225	0.95	12	110	<0.5	<2	0.06	2.4	1	37	10	1.59	<10	0.33	10		0.06	3560	<1	0.02	7

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E602717	K-08-0136	167.03	169	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	48	252	0.84	<5	90	<0.5	<2	0.05	2.5	2	37	24	1.19	<10	0.27	10		0.05	2590	<1	0.02	4
E602729	K-08-0136	182.27	184	QTZT	QTZT	Non-Mineralized	N-AML	0.03	0.5	25	699	0.45	438	20	<0.5	<2	0.26	3.6	7	19	7	2.61	<10	0.12	10		0.11	4030	<1	0.01	8
E602732	K-08-0136	187.19	189.18	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	45	252	0.86	21	230	<0.5	<2	0.1	1.5	4	35	19	1.24	<10	0.23	10		0.19	1025	<1	<0.01	9
E602731	K-08-0136	185.32	187.19	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	44	270	2.11	21	450	0.6	<2	0.21	2.4	5	45	27	1.38	10	0.7	10		0.25	910	1	0.04	17
E602740	K-08-0136	198.21	199.53	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	<0.5	2	74	4.77	<5	1470	1.4	<2	0.22	<0.5	5	64	30	1.52	10	1.07	20		0.29	168	1	0.44	37
E602739	K-08-0136	195.93	198.21	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	26	1.14	<5	330	<0.5	<2	0.04	<0.5	2	32	22	0.68	<10	0.26	10		0.12	58	2	0.08	12
E602754	K-08-0136	226	228.21	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	30	276	0.37	9	50	<0.5	<2	0.03	2.8	<1	37	7	0.45	<10	0.1	<10		0.03	437	<1	0.02	3
E602753	K-08-0136	223	226	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	16	167	0.32	6	30	<0.5	<2	0.03	1.4	<1	33	42	0.54	<10	0.09	<10		0.01	571	1	0.02	5
E602752	K-08-0136	220	223	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	13	355	1.1	24	430	<0.5	<2	0.04	3.4	<1	46	14	0.59	<10	0.32	10		0.03	560	<1	0.07	8
E602751	K-08-0136	217	220	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	46	215	0.89	24	210	<0.5	<2	0.04	2	1	53	13	0.7	<10	0.23	10		0.09	565	<1	0.04	9
E602750	K-08-0136	214	217	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.2	93	307	0.54	19	100	<0.5	<2	0.05	2.7	<1	38	59	0.69	<10	0.14	10		0.05	580	<1	0.02	7
E602748	K-08-0136	210.8	214	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	16	191	0.39	33	70	<0.5	<2	0.02	1.7	<1	39	13	0.69	<10	0.12	10		0.02	602	1	0.01	4
E602746	K-08-0136	205.93	208.12	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	47	327	1.27	16	910	0.5	<2	0.12	3.7	2	38	20	0.67	<10	0.44	10		0.08	448	<1	0.05	11
E602747	K-08-0136	208.12	210.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	107	0.5	14	220	<0.5	<2	0.05	0.8	<1	36	8	0.51	<10	0.17	10		0.02	455	1	0.02	4
E602758	K-08-0136	232	233.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	85	392	0.7	7	140	<0.5	2	0.09	4	<1	44	9	0.53	<10	0.16	10		0.05	604	<1	0.06	6
E602757	K-08-0136	230.15	232	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	23	298	0.27	<5	30	<0.5	<2	0.17	2.3	1	42	8	0.67	<10	0.07	<10		0.1	715	1	0.02	4
E602761	K-08-0136	238	240.4799	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	15	170	0.46	27	190	<0.5	<2	0.03	1.5	<1	29	13	0.43	<10	0.14	10		0.03	343	<1	0.01	5
E602760	K-08-0136	235.08	238	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	74	1.52	13	450	<0.5	<2	0.16	0.5	3	49	17	0.97	10	0.34	10		0.18	239	<1	0.12	14
E602762	K-08-0137	81.69	84.73	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	136	3.81	6	550	1	<2	0.99	0.9	5	71	12	1.94	10	0.79	20		0.34	273	<1	0.12	24
E602790	K-08-0137	128.9	130.45	QTZT	QTZT	Non-Mineralized	N-AML	0.04	2	105	3340	4.2	163	310	1.4	<2	0.16	37.2	5	78	40	4.51	10	0.79	20		0.31	3460	<1	0.17	22
E602781	K-08-0137	118.26	121.31	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	23	552	0.27	217	40	<0.5	<2	0.02	3.8	1	29	5	0.92	<10	0.1	<10		0.02	2100	<1	<0.01	4
E602782	K-08-0137	121.31	123.09	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.5	27	463	0.35	795	30	<0.5	<2	0.04	3.3	3	31	6	0.77	<10	0.1	10		0.02	1065	<1	0.01	4
E602780	K-08-0137	115.21	118.26	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	113	703	0.69	74	110	<0.5	<2	0.05	6.5	2	28	7	1.53	<10	0.22	10		0.05	4290	<1	0.02	7
E602783	K-08-0137	123.09	123.75	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.5	44	544	0.58	1995	10	<0.5	<2	0.08	3.2	11	36	5	1.11	<10	0.1	10		0.04	961	<1	0.03	10
E602778	K-08-0137	112.17	115.21	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	222	1150	0.77	22	120	<0.5	<2	0.11	7.7	2	37	7	1.7	<10	0.25	10		0.08	5170	<1	0.03	6
E602787	K-08-0137	124.75	125.45	QTZT	QTZT	Non-Mineralized	P-AML	0.02	0.6	78	2880	7.17	55	890	1.8	<2	0.66	9.6	10	116	19	3.16	20	2.05	40		0.33	1980	1	0.22	42
E602777	K-08-0137	109.12	112.17	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	368	1230	0.72	<5	120	<0.5	<2	0.13	7.1	3	34	5	1.47	<10	0.25	10		0.08	4240	<1	0.01	6
E602789	K-08-0137	127.41	128.9	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1	38	2230	0.89	95	60	<0.5	<2	0.08	25	1	52	24	1.77	<10	0.22	10		0.06	2290	<1	0.03	7
E602791	K-08-0137	130.45	131.45	QTZT	QTZT	Non-Mineralized	P-AML	0.01	0.6	79	603	6.22	201	730	2	<2	0.25	3	10	96	19	4.02	20	1.46	30		0.39	3920	1	0.19	31
E602788	K-08-0137	125.45	127.41	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	38	628	0.61	24	60	<0.5	<2	0.05	5.7	1	40	6	0.98	<10	0.19	10		0.03	1560	<1	0.02	2
E602776	K-08-0137	106.07	109.12	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	92	623	1.61	12	260	<0.5	<2	0.3	3.7	3	49	6	1.13	<10	0.48	10		0.14	1585	<1	0.04	10
E602775	K-08-0137	103.02	106.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	33	2310	2.08	18	330	0.6	<2	0.61	4.4	8	54	13	1.63	<10	0.57	10		0.25	1990	1	0.06	23
E602797	K-08-0137	141.2	144.4	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	56	805	1.7	104	240	0.6	<2	0.18	3.2	3	45	5	1.19	<10	0.49	10		0.13	1040	<1	0.04	10
E602792	K-08-0137	131.45	133.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	246	0.44	<5	60	<0.5	<2	0.03	1.5	1	35	4	0.55	<10	0.11	<10		0.05	227	<1	0.01	2
E602794	K-08-0137	133.5	136.55	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	47	342	0.45	5	80	<0.5	<2	0.04	2	<1	27	5	0.41	<10	0.15	10		0.02	270	<1	0.01	<1
E602795	K-08-0137	136.55	139.59	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	74	689	0.35	<5	10	<0.5	<2	0.47	4	1	33	3	1.02	<10	0.04	10		0.35	705	<1	<0.01	2
E602796	K-08-0137	139.59	141.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	226	0.56	6	90	<0.5	<2	0.27	<0.5	<1	35	4	0.63	<10	0.18	10		0.11	312	<1	0.01	2
E602798	K-08-0137	144.4	145.69	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	294	1.4	<5	220	<0.5	<2	0.28	0.7	1	43	3	1.07	<10	0.37	10		0.24	537	<1	0.04	8
E602799	K-08-0137	145.69	148.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	194	2.66	7	320	0.7	<2	0.21	<0.5	7	59	12	2.21	10	0.52	20		0.3	270	<1	0.1	20
E602801	K-08-0137	148.74	151.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	229	1.69	7	230	0.5	<2	0.13	0.9	6	44	30	1.43	<10	0.38	10		0.19	279	1	0.09	14
E602802	K-08-0137	151.79	154.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.8	80	490	0.73	12	20	<0.5	<2	0.27	4.2	7	30	99	1.98	<10	0.09	10		0.31	940	1	0.02	8
E602806	K-08-0137	160.93	163.98	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	255	3.02	12	760	0.8	<2	0.56	<0.5	11	53	82	2.02	10	0.55	20		0.43	324	1	0.24	27
E602807	K-08-0137	163.98	164.889	QTZT	QTZT	Non-Mineralized	N-AML	0.04	<0.5	4	57	4.33	6	1090	1.2	<2	0.37	<0.5	3	67	15	1.45	10	1	20		0.4	117	3	0.31	38
E602805	K-08-0137	157.6	160.93	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	61	2.68	11	630	0.8	<2	0.13	<0.5	4	52	28	1.44	10	0.75	20		0.28	144	2	0.17	25
E777323	K-08-0138	137.5	138.89	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	51	3780	2.3	21	380	0.7	<2	1.25	54	4	52	17	1.45	<10	0.77	10		0.33	1895	<1	0.06	18
E777322	K-08-0138	135	137.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	96	1900	1.3	8	160	<0.5	<2	0.21	21.2	3	35	9	1.59	<10	0.38	10		0.11	3080	<1	0.03	8
E777321	K-08-0138	132.55	135	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	154	1380	1.31	11	210	<0.5	<2	0.69	10.3	3	40	20	1.5	<10	0.48	10		0.17	2660	1	0.03	12
E777320	K-08-0138	130.4	132.55	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	62	4350	1.39	18	220	<0.5	2	0.14	14.1	4	46	16	2.05	<10	0.54	10		0.11	5240	<1	0.03	12
E777319	K-08-0138	129.92	130.4	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	64	4110	0.97	14	140	<0.5	<2	0.08	18	3	39	14	1.79	<10	0.36	10		0.07	4810	<1	0.02	8
E777312	K-08-0138	124	125.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	34	1190	1.8	8	200	0.6	<2	0.08	10.3	1	44	14	2.4	<10	0.37	10		0.13	4690	<1	0.06	11
E777311	K-08-0138	122.95	124	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	74	459	1.77	7	240	0.6	<2	0.66	3.4	2	43	12	1.33	<10	0.41	10		0.29	697	1	0.06	12
E777326	K-08-0138	145	146.68	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	73	1500	1.98	33	240	0.5	<2	0.35	28.1	3	47	8	1.85	<10	0.7	10		0.18	2940	<1	0.05	16
E777325	K-08-0138	142	145	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	66	2070	1.32	28	180	<0.5	<2	0.09	32.7	2	38	15	1.61	<10	0.41	10		0.09	3220	<1	0.04	10
E777324	K-08-0138	138.89	142	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	155	3260	0.44	8	70	<0.5	<2	0.07	30.6	1	31	6	1.31	<10	0.16	10		0.05	3630	<1	0.01	4
E777329	K-08-0138	148.5	149.5	QTZT	QTZT	Non-Mineralized	N-AML	0.13	4.6	141	2650	0.45	8720	30	<0.5	4	0.07	54.1	14	20	20	2.77	<10	0.13	10		0.05	2650	<1	0.01	10
E777331	K-08-0138	150.2	151.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	29	1480	0.33	21	40	<0.5	<2	0.03	19.6	1	26	15	0.66	<10	0.11	10		0.02	923	<1	0.01	5
E777328	K-08-0138	147.75	148.5	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.2	66	4280	1.4	897	140	0.5	<2	0.21	100	4	35	15	3.26	<10	0.44	10		0.18	5140	<1	0.03	15
E777330	K-08-0138	149.5	150.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	1695	0.3	62	40	<0.5	<2	0.08	52.4	2	18	5	0.57	<10	0.1	<10		0.04	987	<1	0.01	4
E777343	K-08-0138	157.27	158.27	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.5	94	4230	0.68	183	70	<0.5	3	0.09	42.5	1	29	43	3.3	<10	0.21	10		0.05	6260	<1	0.02	9
E777345	K-08-0138	158.27	160.38	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	103	1650	0.32	7	30	<0.5	<2	0.1	19	<1	32	9	0.96	<10	0.12	10		0.03	2060	<1	0.01	2
E770141	K-08-0139	43.57	43.87	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	3530	0.42	12	90	<0.5	<2	0.08	23.7	5	37	9	0.75	<10	0.13	10		0.02	1320	<1	0.02	6
E770147	K-08-0139	110.1	111.1	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.9	228	1530	0.4	35	40	<0.5	<2	0.1	18.1	<1	37	18	1.27	<10	0.12	<10		0.05	2160	<1	0.01	2
E770158	K-08-0139	119.79	120.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	758	0.36	<5	50	<0.5	<2	0.22	0.6	1	27	3	0.6	<10	0.1	<10		0.07	711	<1	0.01	5
E770157	K-08-0139	118.7	119.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	28	410	0.37	<5	60	<0.5	<2	0.16	1	1	34	3	0.41	<10	0.12	<10		0.05	578	<1	0.01	1
E770156	K-08-0139	117.6	118.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	70	294	0.5	6	80	<0.5	<2	0.14	1.9	1	37	4	0.67	<10	0.16	10		0.04	1090	<1	0.02	2
E770155	K-08-0139	116.5	117.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	73	437	0.32	5	50	<0.5	2	0.04	3.7	<1	41	6	0.81	<10	0.11	<10		0.02	1690	<1	0.01	1
E770153	K-08-0139	115.4	116.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	4.1	408	1350	0.86	31	110	<0.5	<2	0.07	13.1	1	46	27	1.53	<10	0.27	10		0.05	3030	<1	0.02	7
E770152	K-08-0139	114.3	115.4	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.9	138	1700	0.41	18	40	<0.5	<2	0.08	18.5	<1	39	15	2.1	<10	0.13	10		0.06	6460	<1	0.01	2
E770149	K-08-0139	112.17	113.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	77	1680	0.35	8	50	<0.5	<2	0.04	19.1	<1	36	7	1.22	<10	0.12	<10		0.03	3400	<1	0.01	1
E770148	K-08-0139	111.1	112.17	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	150	1050	0.36	5	50	<0.5	<2	0.03	11.9	<1	33	9	0.72	<10	0.13	<10		0.02	1560	<1	0.01	1

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E770151	K-08-0139	113.2	114.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	159	660	1.04	10	140	<0.5	<2	0.07	5.1	1	31	6	1.76	<10	0.32	10		0.11	4270	<1	0.03	7
E770160	K-08-0139	121.5	122.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	56	1830	1.79	21	250	0.6	<2	0.8	4.1	6	47	13	1.58	<10	0.51	10		0.25	2090	<1	0.07	21
E770169	K-08-0139	135.83	137	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	46	297	1.47	<5	200	<0.5	<2	0.54	2.2	2	46	6	1.11	<10	0.37	10		0.23	940	<1	0.07	14
E770176	K-08-0139	141.5	142.45	QTZT	QTZT	Non-Mineralized	N-AML	0.19	3.7	184	763	2.25	1475	160	0.5	3	0.17	7.7	5	45	16	4.97	10	0.66	20		0.15	10450	<1	0.05	19
E770174	K-08-0139	140.6	141.5	QTZT	QTZT	Non-Mineralized	N-AML	0.11	1.3	54	399	0.25	622	10	<0.5	<2	0.05	3.7	4	32	8	2.74	<10	0.08	10		0.04	4470	<1	0.01	10
E770181	K-08-0139	154.84	155.97	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	114	2.44	5	520	0.6	<2	0.35	<0.5	6	45	73	2.17	10	0.82	20		0.37	237	1	0.04	22
E770180	K-08-0139	151.79	154.84	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	250	1.73	8	250	0.5	<2	0.28	<0.5	4	49	7	1.17	<10	0.46	10		0.25	381	1	0.06	14
E770179	K-08-0139	148.74	151.79	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	15	182	1.44	<5	180	<0.5	<2	0.69	<0.5	2	38	6	1.67	<10	0.29	10		0.4	354	1	0.04	13
E770178	K-08-0139	145.69	148.74	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	54	191	0.93	67	160	<0.5	<2	0.23	1.6	<1	37	2	0.6	<10	0.31	10		0.1	655	<1	0.02	5
E770185	K-08-0139	164.4	166.57	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	4	65	2.35	<5	460	0.5	<2	0.52	<0.5	7	47	55	2.18	10	0.32	20		0.52	242	1	0.16	17
E770184	K-08-0139	161.9	164.4	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	<2	239	3.7	<5	990	1	<2	0.25	<0.5	4	60	11	1.52	10	0.71	20		0.42	311	1	0.32	24
E770188	K-08-0139	169.75	171.86	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	33	1.65	<5	570	0.5	<2	0.28	<0.5	2	31	15	0.65	<10	0.34	10		0.11	96	1	0.17	11
E770187	K-08-0139	167.03	169.75	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	<2	8	4.02	<5	980	1.1	<2	0.15	<0.5	4	59	32	1.23	10	1.02	20		0.27	61	3	0.28	32
E770197	K-08-0139	188.8	191.8	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	12	210	0.57	6	210	<0.5	<2	0.04	1.5	<1	19	5	0.28	<10	0.17	10		0.02	272	1	0.03	3
E770196	K-08-0139	185.8	188.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	21	219	0.69	7	290	<0.5	<2	0.07	1.8	<1	24	7	0.42	<10	0.24	10		0.03	400	1	0.02	6
E770194	K-08-0139	182.8	185.8	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	49	223	0.52	5	240	<0.5	<2	0.08	2.1	1	20	5	0.56	<10	0.15	10		0.05	935	1	0.03	4
E770193	K-08-0139	179.8	182.8	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	<2	68	0.76	6	200	<0.5	<2	0.17	<0.5	<1	22	6	0.39	<10	0.14	<10		0.07	154	1	0.08	5
E770199	K-08-0139	191.8	194.8	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	31	232	0.33	<5	40	<0.5	<2	0.05	2.3	<1	16	8	0.29	<10	0.09	<10		0.02	296	<1	0.03	2
E770201	K-08-0139	196.8	198.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	81	0.37	127	70	<0.5	<2	0.17	<0.5	1	31	9	0.43	<10	0.06	10		0.06	157	<1	0.03	2
E770200	K-08-0139	194.8	196.8	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	17	365	0.34	59	50	<0.5	<2	0.06	2	<1	22	5	0.38	<10	0.07	<10		0.02	437	1	0.03	2
E770203	K-08-0139	199.97	201.29	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	2	218	2.47	<5	650	0.6	<2	0.15	<0.5	11	53	44	1.42	10	0.39	10		0.26	355	<1	0.25	26
E770207	K-08-0139	205	207.44	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	83	0.22	40	50	<0.5	<2	0.06	<0.5	1	25	9	0.42	<10	0.05	<10		0.04	172	<1	0.01	3
E770206	K-08-0139	202.38	205	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	5	71	1.45	15	450	<0.5	<2	0.07	<0.5	2	32	8	0.45	<10	0.35	10		0.06	350	<1	0.12	8
E770210	K-08-0139	208.1	209.91	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	5	46	0.27	<5	50	<0.5	<2	0.1	<0.5	<1	26	8	0.4	<10	0.05	<10		0.07	314	1	0.01	3
E754174	K-08-0140	166	168	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	<0.5	44	150	4.06	17	690	1.4	<2	0.14	1.2	8	70	13	2.4	10	1.06	20		0.26	2230	<1	0.13	25
E754177	K-08-0140	170	170.75	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	97	280	2.98	17	670	1	<2	0.17	2.3	3	56	9	2.07	10	1.05	20		0.19	3140	1	0.09	21
E754175	K-08-0140	168	169	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	20	188	2.57	9	440	0.8	<2	0.19	1	5	52	10	2.03	10	0.66	20		0.31	398	<1	0.07	21
E754173	K-08-0140	164	166	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	46	127	1	13	170	<0.5	<2	0.46	1	3	43	4	1.04	<10	0.28	10		0.24	917	<1	0.04	10
E754172	K-08-0140	162	164	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	67	3.49	15	460	1	<2	0.91	0.5	6	71	14	1.84	10	0.85	20		0.3	193	1	0.14	24
E754171	K-08-0140	160	162	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	34	113	2.71	14	400	0.9	<2	1.39	0.9	3	56	21	1.27	10	0.72	10		0.2	439	<1	0.12	19
E754170	K-08-0140	158	160	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	30	93	1.05	12	160	<0.5	<2	0.99	0.6	2	39	11	1.22	<10	0.3	10		0.15	1285	<1	0.05	10
E754168	K-08-0140	156	158	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	192	431	0.52	<5	90	<0.5	<2	0.63	2.9	<1	34	2	1.29	<10	0.18	10		0.14	3500	<1	0.02	7
E754176	K-08-0140	169	170	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	78	1.61	6	300	0.5	<2	0.35	0.5	3	40	4	1.39	<10	0.41	10		0.22	523	<1	0.04	10
E754167	K-08-0140	154	156	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	178	454	0.55	10	100	<0.5	<2	0.27	2.6	1	32	7	1.15	<10	0.18	10		0.09	2790	<1	0.02	6
E754165	K-08-0140	152	154	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	65	496	0.31	5	60	<0.5	<2	0.04	4.5	1	35	4	0.89	<10	0.12	10		0.03	2320	<1	0.02	2
E754164	K-08-0140	151.25	152	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	80	178	0.48	8	100	<0.5	<2	0.07	1.3	<1	25	2	0.5	<10	0.17	10		0.02	931	<1	0.02	4
E754194	K-08-0140	189	190	QTZT	QTZT	Non-Mineralized	P-AML	0.02	2.1	237	1425	5.82	34	700	1.7	3	0.24	12.3	8	90	17	3.18	10	2.11	30		0.26	4830	1	0.16	32
E754182	K-08-0140	178	180	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	10	128	2.53	5	290	0.6	<2	1.5	1	2	49	9	1.81	10	0.7	10		0.57	388	1	0.07	13
E754184	K-08-0140	180	182	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	130	355	2.26	9	280	0.6	<2	2.68	2.8	3	47	10	1.79	10	0.7	10		0.5	1535	1	0.08	18
E754185	K-08-0140	182	183	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	52	710	0.42	16	50	<0.5	<2	0.09	7.2	1	36	5	0.81	<10	0.15	10		0.04	1770	1	0.01	5
E754190	K-08-0140	186	187	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.5	30	4280	0.84	11	100	<0.5	<2	0.13	46.2	1	43	42	1.03	<10	0.29	10		0.06	1800	1	0.02	9
E754188	K-08-0140	184	185	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.1	157	1100	0.69	12	90	<0.5	<2	0.29	10.5	<1	36	10	1.54	<10	0.24	10		0.1	4040	1	0.02	7
E754189	K-08-0140	185	186	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1	70	1480	1.89	21	250	0.6	2	0.15	14.7	3	52	16	1.84	<10	0.64	10		0.11	3950	1	0.06	14
E754181	K-08-0140	176	178	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	46	1.74	<5	220	0.5	<2	2.51	<0.5	2	45	7	1.53	<10	0.46	10		0.62	215	1	0.08	11
E754191	K-08-0140	187	188	QTZT	QTZT	Non-Mineralized	P-AML	0.01	1.1	32	1290	4.97	37	600	1.3	2	0.22	12	6	103	15	1.37	10	1.71	30		0.12	1530	2	0.15	30
E754186	K-08-0140	183	184	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	66	1390	0.3	<5	30	<0.5	<2	0.22	14.1	<1	35	5	1.62	<10	0.11	10		0.1	5500	1	0.01	3
E754180	K-08-0140	173	176	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	47	3	7	400	0.6	<2	0.48	<0.5	5	48	16	1.62	10	0.52	10		0.38	173	1	0.22	21
E754195	K-08-0140	190	191	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	43	723	1.16	23	120	<0.5	<2	0.06	6.2	2	44	10	0.98	<10	0.4	10		0.05	1310	<1	0.03	9
E754196	K-08-0140	191	192	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.5	40	1725	0.8	37	80	<0.5	2	0.07	15.4	2	35	11	2.34	<10	0.29	10		0.06	4910	<1	0.02	10
E754204	K-08-0140	197.62	198.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	28	109	0.75	16	40	<0.5	<2	0.47	0.7	6	28	126	1.75	<10	0.11	10		0.37	470	<1	<0.01	7
E754203	K-08-0140	196.77	197.62	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	14	132	0.9	30	120	<0.5	<2	0.24	<0.5	3	28	74	2.05	<10	0.24	10		0.17	1325	<1	0.03	9
E754202	K-08-0140	195.99	196.77	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	34	452	3.06	96	370	1.1	<2	0.13	3	6	47	16	2.46	10	0.75	20		0.24	985	1	0.1	27
E754201	K-08-0140	194.77	195.99	QTZT	QTZT	Non-Mineralized	N-AML	0.13	1.6	36	1950	0.38	3490	30	<0.5	2	0.05	16.8	10	17	12	4.32	<10	0.1	10		0.04	9890	<1	0.01	8
E754200	K-08-0140	193.24	194.77	QTZT	QTZT	Non-Mineralized	P-AML	0.04	4.7	94	4800	9.07	417	1040	2.6	7	0.31	42.4	11	142	99	7.97	20	2.94	40		0.44	18750	1	0.25	38
E754197	K-08-0140	192	192.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.9	114	2150	1.45	22	190	<0.5	2	0.11	21.1	1	37	11	2.67	<10	0.51	10		0.11	8050	1	0.03	10
E754215	K-08-0140	208	209.19	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	29	1.97	11	920	<0.5	<2	1.12	<0.5	7	39	18	1.69	<10	0.25	10		0.59	341	<1	0.02	15
E754208	K-08-0140	202.47	204	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	51	5.69	13	1360	1.8	<2	0.32	<0.5	8	87	45	2.32	10	1.26	30		0.5	199	4	0.45	59
E754216	K-08-0140	209.19	210.36	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	16	78	5.62	10	100	<0.5	<2	5.2	<0.5	32	39	105	6.48	10	0.06	10		2.88	1380	<1	0.22	56
E754214	K-08-0140	207	208	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	181	1.85	5	520	0.5	<2	0.28	<0.5	5	39	18	1.08	<10	0.34	10		0.28	364	<1	0.12	18
E754212	K-08-0140	206	207	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	12	1.5	<5	520	<0.5	<2	0.03	<0.5	1	34	9	0.56	<10	0.36	10		0.11	55	1	0.09	11
E754210	K-08-0140	204	205	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	10	101	1.08	19	180	<0.5	<2	0.26	<0.5	28	30	175	2.85	<10	0.19	10		0.37	720	1	0.05	25
E754207	K-08-0140	201.46	202.47	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	63	2.54	6	650	0.7	<2	0.09	<0.5	6	57	25	2.18	10	0.65	20		0.5	157	2	0.04	31
E754211	K-08-0140	205	206	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	56	3.14	10	830	0.9	<2	0.11	<0.5	12	58	66	1.57	10	0.64	20		0.24	293	2	0.26	29
E754224	K-08-0140	220	222.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	4	56	0.44	28	130	<0.5	<2	0.09	<0.5	<1	28	5	0.32	<10	0.09	<10		0.04	103	<1	0.04	3
E754223	K-08-0140	218	220	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	5	43	0.61	64	230	<0.5	<2	0.07	<0.5	1	27	4	0.33	<10	0.15	10		0.04	74	<1	0.04	5
E754222	K-08-0140	216.26	218	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	43	0.41	<5	130	<0.5	<2	0.07	<0.5	1	29	4	0.37	<10	0.11	<10		0.04	103	<1	0.02	6
E754221	K-08-0140	214.75	216.26	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	37	217	1.17	73	430	<0.5	<2	0.43	1.7	4	26	11	0.97	<10	0.25	10		0.28	784	<1	0.04	10
E770224	K-08-0141	71.38	73.26	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	4	973	0.4	<5	50	<0.5	<2	1.02	4.8	3	36	3	0.58	<10	0.1	10		0.08	426	<1	0.01	9
E770223	K-08-0141	69.27	71.38	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	397	0.3	<5	50	<0.5	<2	0.36	1.6	1	36	3	0.37	<10	0.09	10		0.05	167	<1	0.01	5
E770222	K-08-0141	66.25	69.27	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	419	0.66	9	120	<0.5	<2	0.2	1.9	<1	44	4	0.53	<10	0.21	10		0.06	156	<1	0.03	5

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E770228	K-08-0141	78.97	81.94	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	21	1315	0.99	6	150	<0.5	<2	0.57	5.4	1	44	5	0.76	<10	0.31	10		0.09	853	1	0.03	9
E770227	K-08-0141	75.92	78.97	QTZT	QTZT	Non-Mineralized	P-AML	0.02	<0.5	16	1005	6.11	21	910	1.8	<2	0.64	3.1	6	102	18	2.56	10	1.58	30		0.35	441	2	0.34	31
E770229	K-08-0141	81.94	84.89	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	26	1480	1.29	15	180	<0.5	<2	0.34	5.6	2	49	6	1.17	<10	0.38	10		0.13	1210	1	0.03	14
E770230	K-08-0141	84.89	86.54	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	10	3380	0.81	11	110	<0.5	<2	0.49	14.5	2	48	5	0.73	<10	0.22	10		0.08	720	1	0.02	10
E770245	K-08-0141	104.16	105.16	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.5	198	2970	0.79	580	10	<0.5	<2	0.07	51.1	2	32	188	2.94	<10	0.17	10		0.09	6960	<1	0.03	3
E770244	K-08-0141	103.09	104.16	QTZT	QTZT	Non-Mineralized	N-AML	0.06	3.1	557	3170	1.23	248	50	<0.5	<2	0.05	48.2	1	29	59	3.23	10	0.28	10		0.12	4600	<1	0.04	5
E770243	K-08-0141	102.11	103.09	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	116	773	2.58	24	260	<0.5	<2	0.55	10.2	5	42	22	1.98	10	0.56	10		0.28	1710	<1	0.53	8
E770242	K-08-0141	101.15	102.11	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.7	455	4110	2.98	52	430	1.1	<2	0.17	36.8	3	58	17	2.15	10	0.87	20		0.19	3550	<1	0.09	15
E770241	K-08-0141	100.02	101.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	196	3960	0.93	32	150	<0.5	<2	0.82	29.2	3	37	7	1.76	<10	0.26	10		0.26	4110	<1	0.03	10
E770234	K-08-0141	90.25	93.23	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	12	2860	2.03	11	380	0.6	<2	1.32	23.4	3	58	13	1.4	<10	0.56	10		0.22	996	<1	0.08	19
E770274	K-08-0141	119.76	120.42	QTZT	QTZT	Non-Mineralized	N-AML	0.11	9.9	463	4090	1.98	410	50	0.7	19	0.05	190.5	6	46	123	6.06	10	0.32	10		0.14	5540	1	0.11	14
E770265	K-08-0141	115.01	115.91	QTZT	QTZT	Non-Mineralized	P-AML	0.18	3	652	2850	6.86	217	600	2	<2	0.1	136	2	90	66	3.49	20	1.28	30		0.22	1500	1	0.48	8
E777402	K-08-0142	107.43	108.7	QTZT	QTZT	Non-Mineralized	P-AML	0.02	3.8	311	4320	5.93	190	240	1.8	<2	0.18	40.4	2	106	79	3.99	20	0.95	30		0.44	4330	<1	0.31	11
E754232	K-08-0143	154.86	157.8	QTZT	QTZT	Non-Mineralized	N-AML	0.04	1.8	377	2400	0.98	156	120	<0.5	<2	0.19	20.1	3	42	10	1.12	<10	0.27	10		0.08	1220	<1	0.02	10
E754231	K-08-0143	151.86	154.86	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	40	414	0.87	25	130	<0.5	<2	0.08	3.8	1	38	4	0.49	<10	0.23	10		0.04	263	<1	0.03	7
E754226	K-08-0143	141.98	142.86	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	20	2250	4.39	13	670	1	<2	1.74	5.6	7	72	15	2.35	10	0.92	20		0.46	811	1	0.15	31
E754229	K-08-0143	148.86	151.86	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	43	1820	1.54	22	220	<0.5	<2	0.99	10.6	3	45	6	1.04	<10	0.37	10		0.19	640	<1	0.05	16
E754228	K-08-0143	145.86	148.86	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	84	770	1.13	6	160	<0.5	<2	1.51	4.7	2	44	23	0.88	<10	0.21	10		0.29	223	1	0.05	13
E754227	K-08-0143	142.86	145.86	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	1995	1.72	6	260	0.5	<2	2.62	15.3	4	40	7	1.14	<10	0.33	10		0.32	441	1	0.09	11
E754238	K-08-0143	168.08	170.38	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	25	1.21	9	190	<0.5	<2	0.9	<0.5	2	42	6	0.73	<10	0.37	10		0.14	150	1	0.02	9
E754239	K-08-0143	170.38	172.03	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	9	83	3.95	39	660	1.2	<2	2.82	<0.5	6	72	26	2.18	10	0.98	20		0.44	165	6	0.23	34
E754234	K-08-0143	159.15	162.15	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	280	1.66	11	240	<0.5	<2	2.84	0.5	4	46	8	1.27	<10	0.35	10		0.29	294	1	0.05	16
E754237	K-08-0143	165.08	168.08	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	14	65	2.85	10	470	0.7	<2	1.89	<0.5	3	58	18	1.52	<10	0.67	20		0.29	132	1	0.11	23
E754236	K-08-0143	162.15	165.08	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	37	89	2.08	<5	340	0.5	<2	2.04	<0.5	4	46	17	1.17	<10	0.52	10		0.25	157	2	0.07	14
E754233	K-08-0143	157.8	159.15	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	13	908	5.08	22	660	1.2	<2	1.61	1.1	8	78	19	2.85	10	1.01	20		0.66	369	1	0.17	36
E754246	K-08-0143	172.03	174.66	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.8	14	206	3.47	25	500	1	<2	1.22	<0.5	4	64	22	1.6	10	0.8	20		0.19	283	2	0.13	22
E754251	K-08-0143	186.65	189.63	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	14	77	1.05	<5	140	<0.5	<2	0.45	0.5	1	35	8	0.86	<10	0.23	10		0.17	172	1	0.03	11
E754248	K-08-0143	177.66	180.66	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	17	49	1.37	<5	220	<0.5	<2	2.43	<0.5	1	34	10	0.95	<10	0.37	10		0.16	243	1	0.05	11
E754249	K-08-0143	180.66	183.65	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	9	51	2.29	13	300	0.6	<2	2.7	<0.5	3	50	10	1.39	<10	0.47	20		0.25	151	<1	0.11	19
E754247	K-08-0143	174.66	177.66	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	12	32	0.89	<5	130	<0.5	<2	2.06	<0.5	1	30	7	0.77	<10	0.22	10		0.16	124	1	0.03	9
E754250	K-08-0143	183.65	186.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	21	0.79	<5	100	<0.5	<2	1.57	<0.5	<1	32	4	0.98	<10	0.18	10		0.49	135	<1	0.04	7
E754252	K-08-0143	189.63	192.07	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	4	52	2.56	5	420	0.7	<2	0.97	<0.5	3	46	9	1.76	10	0.55	20		0.34	205	1	0.08	20
E754253	K-08-0143	192.07	194.26	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	14	95	3.22	6	120	<0.5	<2	2.97	<0.5	13	36	171	4.34	<10	0.17	10		1.45	636	1	0.03	35
E754271	K-08-0143	215.9	217.52	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	49	146	2.71	32	770	0.9	<2	0.1	1.3	4	53	41	1.91	10	0.86	20		0.21	781	1	0.05	20
E754273	K-08-0143	217.52	219.52	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.8	41	151	0.78	75	190	<0.5	<2	0.14	1.7	3	36	205	1.88	<10	0.18	10		0.22	624	1	0.01	8
E754274	K-08-0143	219.52	220.98	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	<0.5	5	45	3.58	19	1310	1.2	2	0.42	<0.5	7	57	39	1.58	10	1.13	20		0.34	192	1	0.2	29
E754270	K-08-0143	213.06	215.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.6	35	224	3.87	48	520	1.1	2	0.13	1.7	7	57	17	2.59	10	0.96	20		0.26	667	1	0.13	26
E754268	K-08-0143	210.01	212.52	QTZT	QTZT	Non-Mineralized	N-AML	0.33	20.3	484	3790	0.76	10000	20	<0.5	41	0.12	40.5	37	19	100	13.1	<10	0.13	20		0.11	15850	1	0.03	19
E754265	K-08-0143	208.3	208.85	QTZT	QTZT	Non-Mineralized	N-AML	0.51	6.5	172	3180	0.26	4800	10	<0.5	13	0.1	32.3	8	10	537	14.45	<10	0.07	<10		0.1	45000	<1	0.01	10
E754261	K-08-0143	206.68	207.23	QTZT	QTZT	Non-Mineralized	N-AML	0.23	9.1	287	533	0.25	10000	10	<0.5	19	0.05	6.2	30	20	18	9.83	<10	0.06	10		0.05	11550	<1	0.01	13
E754260	K-08-0143	205.02	206.68	QTZT	QTZT	Non-Mineralized	N-AML	0.02	2	120	773	1.38	1330	160	<0.5	<2	0.22	8.5	4	43	17	1.78	<10	0.47	10		0.13	2950	1	0.03	12
E754255	K-08-0143	194.26	197.26	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	16	440	1.68	<5	270	<0.5	<2	0.15	1.6	3	47	15	1.09	<10	0.34	10		0.18	115	1	0.13	15
E754256	K-08-0143	197.26	200.25	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	11	61	1.78	10	310	<0.5	<2	0.79	0.5	2	45	10	1.4	<10	0.37	10		0.42	237	1	0.09	15
E754257	K-08-0143	200.25	202.93	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	32	98	2.41	11	290	0.6	<2	0.73	0.8	2	49	12	1.3	10	0.68	10		0.31	349	<1	0.09	18
E754258	K-08-0143	202.93	203.91	QTZT	QTZT	Non-Mineralized	N-AML	0.01	11.4	436	214	0.44	132	50	<0.5	<2	0.1	2.1	<1	34	7	0.8	<10	0.15	10		0.04	1325	<1	0.01	6
E754259	K-08-0143	203.91	205.02	QTZT	QTZT	Non-Mineralized	N-AML	0.02	10.4	193	332	0.44	236	50	<0.5	<2	0.05	3.9	2	39	22	0.82	<10	0.17	10		0.02	853	<1	0.01	8
E770293	K-08-0145	75.33	77.32	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	48	941	0.93	10	210	<0.5	<2	1.69	1.7	3	39	3	0.92	<10	0.32	10		0.17	630	<1	0.03	7
E770301	K-08-0145	88.8	89.47	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	0.6	145	4110	4.82	47	860	1.5	<2	0.6	19.9	9	77	15	2.94	10	1.38	30		0.35	2880	1	0.11	33
E770289	K-08-0145	69.33	71.36	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	15	190	3.19	8	550	0.9	<2	0.58	<0.5	5	57	10	1.85	10	0.7	20		0.26	157	1	0.1	22
E770308	K-08-0145	93.71	94.49	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	303	665	0.7	16	100	<0.5	<2	0.07	9	1	41	5	1.33	<10	0.23	10		0.04	3280	<1	0.02	6
E770307	K-08-0145	92.96	93.71	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	156	1410	3.43	26	490	1	<2	0.53	4.6	3	74	7	2.01	10	0.83	20		0.28	1370	<1	0.1	17
E770306	K-08-0145	92.1	92.96	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	135	1770	1.11	19	180	<0.5	<2	0.26	12.1	2	39	6	1.81	<10	0.35	10		0.18	3080	<1	0.03	10
E770304	K-08-0145	91.3	92.1	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	21	3680	1.56	19	320	0.5	<2	0.36	11.9	4	45	5	1.18	<10	0.51	10		0.16	1540	1	0.03	13
E770302	K-08-0145	89.47	90.6	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	298	1530	1.23	14	230	0.5	<2	0.09	10	2	48	12	1.68	<10	0.43	10		0.09	4020	<1	0.03	11
E770300	K-08-0145	87.17	88.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	2610	0.83	12	130	<0.5	3	0.53	12.7	2	42	3	0.72	<10	0.27	10		0.1	656	1	0.02	7
E770299	K-08-0145	85.17	87.17	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	4	1995	0.78	14	140	<0.5	<2	0.95	1.6	2	39	4	0.64	<10	0.24	10		0.11	550	<1	0.03	6
E770297	K-08-0145	81.33	83.19	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	2620	0.45	13	90	<0.5	2	0.33	2.9	3	36	2	0.5	<10	0.14	10		0.06	663	1	0.02	7
E770296	K-08-0145	79.33	81.33	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	1530	1.49	11	280	<0.5	<2	0.99	9.3	2	48	5	0.93	<10	0.45	10		0.18	408	<1	0.05	14
E770295	K-08-0145	77.32	79.33	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	128	2.51	8	430	0.7	2	1.01	0.5	4	55	8	1.38	10	0.69	10		0.22	160	1	0.06	15
E770292	K-08-0145	73.33	75.33	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	694	0.85	8	190	<0.5	<2	1.2	1.6	2	37	3	0.64	<10	0.29	10		0.13	270	<1	0.03	5
E770291	K-08-0145	71.36	73.33	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	255	0.81	<5	160	<0.5	<2	1.17	0.7	<1	37	4	0.96	<10	0.21	10		0.13	189	<1	0.02	7
E770287	K-08-0145	65.36	67.35	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	20	1685	3.84	12	580	1	<2	3.1	8.4	5	64	15	2.36	10	0.72	20		0.45	433	1	0.17	28
E770288	K-08-0145	67.35	69.33	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	167	1.24	<5	190	<0.5	3	0.88	0.9	2	39	5	0.88	<10	0.25	10		0.13	110	1	0.06	9
E770311	K-08-0145	96.54	97.61	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	87	1680	0.85	15	130	<0.5	<2	0.15	3.5	1	35	5	1.22	<10	0.27	10		0.09	1880	<1	0.02	6
E770315	K-08-0145	99.5	100.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	59	851	1.23	24	180	<0.5	<2	0.07	2.7	1	49	6	1.01	<10	0.37	10		0.06	1510	<1	0.03	6
E770314	K-08-0145	98.97	99.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	159	2150	0.91	28	160	<0.5	<2	0.16	7.4	1	34	9	1.48	<10	0.32	10		0.12	3100	1	0.02	6
E770312	K-08-0145	97.61	98.97	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	72	3130	0.42	12	70	<0.5	<2	0.05	5.6	1	29	4	1.94	<10	0.14	10		0.08	5340	<1	0.01	6
E777433	K-08-0146	90.22	91.81	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	175	2100	1.56	43	280	0.5	<2	0.21	8.5	2	45	14	1.45	<10	0.58	10		0.13	1855	<1	0.04	7
E777429	K-08-0146	84.06	86.53	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.5	368	2770	2.61	69	500	0.8	<2	0.91	15.4	3	63	11	2.15	<10	0.95	20		0.2	2430	<1	0.08	11
E777430	K-08-0146	86.53	88.15	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.2	292	1770	0.78	31	130	<0.5	<2	0.07	19.2	<1	34	8	1.5	<10	0.3	10		0.06	3240	<1	0.03	4

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E777432	K-08-0146	88.15	90.22	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.4	125	4160	3.19	86	560	1	<2	0.17	17.8	3	59	11	2.42	<10	1.21	20		0.14	3170	<1	0.08	14
E777441	K-08-0146	100.75	102.3	QTZT	QTZT	Non-Mineralized	N-AML	0.01	93.6	209	1405	0.5	453	30	<0.5	<2	0.02	27.1	2	42	641	2.06	<10	0.12	10		0.02	289	<1	0.02	6
E777448	K-08-0146	108.61	109.61	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	203	1295	0.41	23	30	<0.5	3	0.04	56.9	<1	35	4	0.61	<10	0.13	10		0.02	475	<1	0.01	4
E777449	K-08-0146	109.61	110.62	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	176	1715	1.53	54	70	0.6	<2	0.06	61.1	<1	49	8	1.37	10	0.32	20		0.08	312	<1	0.07	4
E777450	K-08-0146	110.62	111.71	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	83	2210	3.52	59	130	1.5	<2	0.08	33.7	<1	70	10	2.7	10	0.44	50		0.28	1085	<1	0.22	9
E777442	K-08-0146	102.3	103.16	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.7	30	1810	0.98	104	20	<0.5	<2	0.06	22.3	<1	43	15	2.32	<10	0.14	10		0.09	3920	<1	0.06	5
E777440	K-08-0146	99.93	100.75	QTZT	QTZT	Non-Mineralized	N-AML	0.03	3.4	154	3000	4.45	338	510	1.2	2	0.1	42.2	1	75	61	5.94	10	1.34	20		0.22	9050	5	0.15	16
E777439	K-08-0146	99.04	99.93	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.2	64	2110	0.88	53	40	<0.5	<2	0.05	29.4	<1	33	32	2.01	<10	0.18	10		0.07	3470	1	0.05	2
E777460	K-08-0146	118.9	119.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	110	1670	2.74	43	300	0.6	4	2.53	25.2	6	55	3	3.46	10	0.93	10		0.94	7300	<1	0.08	18
E777461	K-08-0146	119.9	120.7	QTZT	QTZT	Non-Mineralized	P-AML	0.02	1.1	31	489	6.76	45	870	2	<2	0.61	4.9	10	99	33	2.36	20	1.81	30		0.29	310	1	0.27	41
E777462	K-08-0146	120.7	122.11	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	57	2570	1	76	110	<0.5	<2	2.02	13.9	4	33	5	1.89	<10	0.29	10		0.7	1410	1	0.03	12
E777464	K-08-0146	122.11	123.88	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	23	2860	1.17	23	130	<0.5	<2	0.63	11.1	5	35	7	1.15	<10	0.32	10		0.18	1050	1	0.04	14
E777469	K-08-0146	130.5	132.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	26	148	2.93	116	430	0.7	<2	0.33	<0.5	4	54	11	1.3	10	0.7	20		0.19	161	1	0.1	16
E777467	K-08-0146	128.15	130.5	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	6	372	0.9	42	130	<0.5	<2	0.12	0.7	2	45	10	0.64	<10	0.2	10		0.07	277	1	0.02	7
E777474	K-08-0146	140.45	142.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	489	0.5	46	80	<0.5	<2	0.18	2.1	1	26	4	0.56	<10	0.16	10		0.04	592	<1	0.01	5
E777476	K-08-0146	142.45	145.08	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	13	343	0.87	47	150	<0.5	<2	0.15	1.6	2	33	3	0.55	<10	0.28	10		0.07	391	<1	0.02	6
E602877	K-08-0147	15.2	16.24	QTZT	QTZT	Non-Mineralized	N-AML	0.29	10.1	1965	1325	4.14	1200	250	1.3	2	0.22	55.4	1	68	115	4.83	10	0.81	20		0.27	2620	<1	0.2	9
E602878	K-08-0147	70	72.54	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.8	8	284	0.69	114	170	<0.5	<2	0.46	1.3	2	39	28	0.82	<10	0.18	10		0.14	285	<1	0.06	4
E602904	K-08-0147	103.72	104.72	QTZT	QTZT	Non-Mineralized	N-AML	0.02	2	117	3420	0.96	47	50	<0.5	<2	0.07	23.8	<1	27	40	2.2	<10	0.22	20		0.07	3850	2	0.04	7
E602896	K-08-0147	98.56	99.54	QTZT	QTZT	Non-Mineralized	N-AML	0.01	3.7	126	2620	5.76	123	810	1.9	<2	0.21	8.9	13	93	98	3.89	20	2.23	30		0.44	3870	8	0.22	50
E602906	K-08-0147	105.72	106.72	QTZT	QTZT	Non-Mineralized	P-AML	0.02	2.5	65	1170	4.49	79	1030	1.3	<2	0.09	11.4	5	72	35	2.26	10	1.52	20		0.19	2380	2	0.08	26
E602929	K-08-0147	125.95	127.1	QTZT	QTZT	Non-Mineralized	N-AML	0.05	3.4	114	2150	0.3	1010	20	<0.5	2	0.04	11.3	6	28	11	3.2	<10	0.02	10		0.03	3340	<1	0.02	5
E602911	K-08-0147	110.72	111.72	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	65	653	1.79	86	320	0.5	<2	0.06	9.9	3	49	8	2.15	<10	0.59	10		0.07	3900	<1	0.05	10
E602907	K-08-0147	106.72	107.72	QTZT	QTZT	Non-Mineralized	P-AML	0.04	6.1	99	706	6.87	75	1070	1.9	<2	0.1	6.3	9	97	49	2.7	20	2.33	30		0.21	782	3	0.16	42
E602910	K-08-0147	109.72	110.72	QTZT	QTZT	Non-Mineralized	P-AML	0.02	2.2	357	4820	6.05	94	930	1.6	<2	0.23	51.9	7	88	24	6.28	10	2.13	30		0.36	10950	<1	0.12	25
E602909	K-08-0147	108.72	109.72	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.9	72	2800	1.54	58	290	0.5	<2	0.06	34.9	6	39	23	2.32	<10	0.43	10		0.12	4450	<1	0.05	28
E602905	K-08-0147	104.72	105.72	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.8	78	2520	3.18	69	620	0.9	<2	0.12	21.5	5	58	20	1.61	10	1.12	20		0.11	1690	1	0.05	14
E602908	K-08-0147	107.72	108.72	QTZT	QTZT	Non-Mineralized	P-AML	0.03	3.4	121	2110	7.6	94	690	2.2	<2	0.36	19.2	13	101	37	5.41	20	2.38	30		0.28	4860	1	0.23	43
E754277	K-08-0148	100.58	103.58	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	72	1.01	6	150	<0.5	<2	0.76	<0.5	1	47	6	0.72	<10	0.23	10		0.11	116	<1	0.04	9
E754279	K-08-0148	106.57	108.51	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	21	83	0.54	<5	70	<0.5	<2	0.14	0.5	1	41	4	0.49	<10	0.11	10		0.04	152	<1	0.01	5
E754280	K-08-0148	108.51	110.76	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	143	1.4	7	180	<0.5	<2	1.1	0.9	2	44	9	0.88	<10	0.29	10		0.14	195	<1	0.06	13
E754278	K-08-0148	103.58	106.57	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	53	1.54	<5	180	<0.5	<2	0.77	<0.5	2	47	6	1.17	<10	0.28	10		0.14	150	<1	0.06	11
E754281	K-08-0148	110.76	113.17	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	83	3.61	12	500	1	<2	1.94	0.8	4	67	15	1.88	10	0.77	20		0.33	163	1	0.15	26
E754283	K-08-0148	116.15	118.54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	263	2.22	5	360	0.6	<2	1.38	0.8	4	48	14	1.61	10	0.59	10		0.29	645	1	0.1	20
E754282	K-08-0148	113.17	116.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	166	1.63	9	270	0.5	<2	1.3	1.1	2	50	8	1.14	<10	0.4	10		0.18	343	<1	0.06	12
E754284	K-08-0148	118.54	121.53	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	1560	0.37	11	60	<0.5	<2	0.74	5	2	31	6	0.61	<10	0.12	10		0.03	1390	<1	0.01	9
E754293	K-08-0148	131.39	132.55	QTZT	QTZT	Non-Mineralized	N-AML	0.02	87.2	3740	4190	0.42	204	60	<0.5	<2	0.22	53.1	1	28	144	1.55	<10	0.14	10		0.07	4580	<1	0.01	6
E754286	K-08-0148	121.53	122.82	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	5.7	447	1730	0.52	12	80	<0.5	<2	0.36	14.6	1	23	13	1.09	<10	0.15	<10		0.08	3370	<1	0.01	9
E754287	K-08-0148	122.82	124.76	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.2	435	1700	0.75	10	110	<0.5	<2	0.16	12	1	31	8	1.38	<10	0.21	10		0.08	3770	<1	0.03	9
E754288	K-08-0148	124.76	125.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.1	570	1700	1.69	35	240	0.6	<2	0.27	13.8	3	42	10	3.38	<10	0.52	10		0.2	8830	<1	0.06	16
E754289	K-08-0148	125.7	128.02	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.1	1275	2750	1.99	30	350	0.7	<2	0.79	26.3	3	40	14	4.51	<10	0.63	10		0.23	17350	<1	0.07	17
E754290	K-08-0148	128.02	129.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.5	687	3350	0.62	33	100	<0.5	<2	0.36	30.4	3	30	6	4.94	<10	0.21	10		0.13	17100	<1	0.01	10
E754291	K-08-0148	129.74	130.75	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.4	172	1800	0.53	92	80	<0.5	<2	0.13	13.7	2	29	12	1.81	<10	0.17	10		0.05	4320	<1	0.01	10
E754292	K-08-0148	130.75	131.39	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.9	253	1820	0.59	198	80	<0.5	<2	0.13	19.4	1	32	27	1.94	<10	0.2	10		0.04	5130	<1	0.01	9
E754298	K-08-0148	134.08	134.6	QTZT	QTZT	Non-Mineralized	N-AML	0.14	<0.5	35	143	0.93	<5	150	<0.5	<2	2.37	1.2	<1	31	5	0.7	<10	0.28	10		0.09	208	<1	0.03	8
E754304	K-08-0148	138.4	140.21	QTZT	QTZT	Non-Mineralized	N-AML	0.01	3.2	136	528	1.34	26	190	<0.5	<2	0.16	5.6	2	40	8	1.35	<10	0.47	10		0.08	2830	<1	0.03	8
E754300	K-08-0148	134.89	135.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.9	575	1250	1.27	30	170	<0.5	<2	2.91	12.8	1	36	7	2.54	<10	0.37	10		1.05	5590	<1	0.05	10
E754301	K-08-0148	135.3	135.89	QTZT	QTZT	Non-Mineralized	N-AML	0.02	4.8	1070	4100	0.88	81	130	<0.5	<2	0.76	43.4	1	32	12	3.38	<10	0.28	10		0.31	9380	<1	0.02	8
E754302	K-08-0148	135.89	137.16	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.5	366	1175	0.78	71	120	<0.5	<2	0.51	11.6	2	32	7	2.25	<10	0.25	10		0.21	6090	<1	0.02	8
E754303	K-08-0148	137.16	138.4	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.7	220	904	1.15	44	160	<0.5	<2	0.18	8.2	2	34	7	2.16	<10	0.37	10		0.11	5300	<1	0.03	10
E754306	K-08-0148	140.21	141.33	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	115	454	1	21	150	<0.5	<2	0.86	4.1	2	31	6	1.76	<10	0.35	10		0.33	3160	<1	0.02	6
E754307	K-08-0148	141.33	143.32	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.2	73	362	2.28	21	400	0.7	<2	0.49	3.6	5	48	12	1.63	10	0.64	20		0.29	1520	1	0.06	18
E754314	K-08-0148	153.47	156.11	QTZT	QTZT	Non-Mineralized	P-AML	0.01	<0.5	50	319	4.6	24	560	1.4	<2	0.74	2.4	7	84	18	2.15	10	1.12	20		0.43	1075	1	0.18	31
E754315	K-08-0148	156.11	159.11	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	132	445	1.96	28	270	0.6	<2	0.14	4.2	4	60	12	2	10	0.61	10		0.14	3650	1	0.04	16
E754322	K-08-0148	173.56	173.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	9.4	179	2880	2.11	397	120	1	11	0.15	35	5	34	72	6.66	10	0.41	20		0.27	18650	1	0.08	8
E754317	K-08-0148	159.11	161.54	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.4	144	1410	1.94	55	130	0.7	2	0.3	14.6	3	46	23	3.06	<10	0.39	10		0.28	6190	1	0.08	16
E754320	K-08-0148	167.64	170.69	QTZT	QTZT	Non-Mineralized	N-AML	0.05	9.2	225	752	6.32	2070	470	2	18	0.25	5	11	102	127	5.51	10	1.52	40		0.38	4140	2	0.14	36
E754318	K-08-0148	161.54	164.59	QTZT	QTZT	Non-Mineralized	N-AML	0.04	2.8	126	426	4.99	85	490	1.4	3	0.23	3	4	87	34	3.34	10	1.46	20		0.21	4670	2	0.12	21
E754321	K-08-0148	170.69	173.56	QTZT	QTZT	Non-Mineralized	N-AML	0.06	14.9	169	531	1.01	4110	60	<0.5	6	0.06	4.5	11	34	33	3.36	<10	0.27	20		0.07	2900	1	0.03	9
E754319	K-08-0148	164.59	167.64	QTZT	QTZT	Non-Mineralized	N-AML	0.05	7.3	165	696	3.57	2500	310	1.2	15	0.15	5.9	8	68	13	3.55	10	0.94	20		0.18	4010	1	0.09	26
E754347	K-08-0148	206.51	207.26	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.5	48	577	0.44	18	120	<0.5	<2	0.03	5.7	1	25	6	0.41	<10	0.16	10		0.02	440	<1	0.01	3
E754350	K-08-0148	207.69	208.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	27	223	0.24	20	40	<0.5	<2	0.02	2	1	30	9	0.43	<10	0.09	10		0.02	441	<1	0.01	3
E754351	K-08-0148	208.45	210.31	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	27	308	0.74	15	140	<0.5	<2	0.04	2.5	<1	34	6	1.01	<10	0.24	10		0.05	1625	<1	0.02	1
E754352	K-08-0148	210.31	212.04	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	25	888	0.38	94	50	<0.5	<2	0.05	9.4	1	39	14	0.93	<10	0.11	<10		0.06	1040	<1	0.01	6
E754344	K-08-0148	205.26	205.6	QTZT	QTZT	Non-Mineralized	N-AML	0.02	4.7	165	4490	0.46	3560	110	<0.5	5	0.02	64.3	3	23	28	1.24	<10	0.17	10		0.03	1055	<1	0.01	10
E754340	K-08-0148	203.21	204.22	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	438	0.48	29	140	<0.5	<2	0.02	4.6	<1	28	6	0.53	<10	0.16	10		0.02	678	1	0.01	3
E754342	K-08-0148	204.58	204.82	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	20	1380	0.27	31	30	<0.5	<2	0.04	18.3	1	31	17	0.93	<10	0.1	10		0.03	1160	<1	0.01	3
E754341	K-08-0148	204.22	204.58	QTZT	QTZT	Non-Mineralized	N-AML	0.01	10.7	210	4700	0.4	21	110	<0.5	17	0.03	68.5	1	24	30	1.07	<10	0.14	10		0.03	1300	<1	0.01	3
E754331	K-08-0148	187.38	187.78	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	125	0.44	7	130	<0.5	<2	0.45	0.5	1	32	9	0.48	<10	0.08	10		0.09	500	<1	0.01	6
E754339	K-08-0148	200.22	203.21	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	199	0.35	<5	80	<0.5	<2	0.06	1.7	<1	31	5	0.38	<10	0.1	<10		0.02	441	1	0.01	5

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E754338	K-08-0148	197.22	200.22	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	16	138	1.15	24	220	<0.5	<2	0.07	1	3	47	10	0.53	<10	0.21	10		0.09	289	<1	0.1	13
E754332	K-08-0148	187.78	188.23	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	129	497	2.02	29	780	0.6	<2	0.12	4.8	1	43	8	0.59	<10	0.5	10		0.08	468	1	0.14	11
E754335	K-08-0148	191.24	194.24	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	49	333	0.94	<5	280	<0.5	<2	0.03	2.9	<1	30	17	0.33	<10	0.26	10		0.02	283	<1	0.04	7
E754333	K-08-0148	188.23	191.24	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	15	258	1.1	43	460	<0.5	<2	0.07	3.1	<1	36	11	0.88	<10	0.29	10		0.06	2720	1	0.07	10
E754336	K-08-0148	194.24	197.22	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	29	215	0.36	12	120	<0.5	<2	0.03	2.4	<1	31	5	0.26	<10	0.11	10		0.01	288	1	0.01	4
E754353	K-08-0148	212.04	213.36	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	1.7	126	1940	4.07	29	90	0.9	4	0.19	20.7	22	55	50	7.61	10	0.42	10		1.74	2610	<1	0.01	49
E754354	K-08-0148	213.36	214.47	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	18	546	0.23	8	40	<0.5	<2	0.13	5	2	31	10	0.73	<10	0.06	<10		0.25	756	<1	<0.01	3
E754355	K-08-0148	214.47	216.76	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	140	724	0.87	9	200	<0.5	<2	0.64	5.1	3	31	28	1.45	<10	0.2	10		0.74	1080	<1	0.05	7
E754358	K-08-0148	219.68	222.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	54	1.07	10	190	<0.5	<2	0.05	0.6	1	45	10	0.77	<10	0.24	10		0.11	334	<1	0.06	7
E754361	K-08-0148	228.6	230.16	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	18	92	0.27	16	50	<0.5	<2	0.04	0.9	<1	33	28	0.36	<10	0.07	10		0.01	418	1	0.01	3
E754360	K-08-0148	225.6	228.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	98	0.31	22	60	<0.5	<2	0.02	0.8	1	29	5	0.41	<10	0.07	<10		0.02	231	<1	0.01	2
E754359	K-08-0148	222.68	225.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.2	40	234	0.24	23	30	<0.5	<2	0.02	2.5	<1	31	8	0.4	<10	0.07	<10		0.01	396	<1	<0.01	2
E754362	K-08-0148	230.16	232.09	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.1	43	185	0.77	51	190	<0.5	3	0.03	2.2	3	32	26	0.99	<10	0.19	10		0.03	679	1	0.03	7
E754363	K-08-0148	232.09	234.7	QTZT	QTZT	Non-Mineralized	P-AML	0.03	<0.5	22	103	9.02	62	240	2.5	<2	0.51	0.6	17	113	51	5.29	20	1.45	30		0.44	520	2	0.64	47
E754365	K-08-0148	234.7	237.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	20	0.97	10	100	<0.5	<2	0.08	<0.5	5	32	7	1.21	<10	0.15	10		0.12	292	<1	0.04	13
E754366	K-08-0148	237.74	240.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	54	3.31	17	470	1	<2	0.19	<0.5	5	63	7	1.09	10	0.44	10		0.14	61	1	0.28	23
E754367	K-08-0148	240.79	243.81	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	28	2.27	18	320	0.7	<2	0.11	<0.5	3	51	8	0.92	<10	0.32	10		0.09	75	1	0.15	16
E754368	K-08-0148	243.81	245.8	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	<0.5	9	61	4.07	19	520	1.1	<2	0.2	0.5	6	69	13	1.87	10	0.68	20		0.24	126	1	0.19	25
E754369	K-08-0148	245.8	246.89	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	47	3.52	8	370	1	<2	0.22	<0.5	4	59	35	1.73	10	0.37	10		0.28	141	2	0.28	20
E754370	K-08-0148	246.89	249.89	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	65	2.07	11	230	0.5	<2	0.89	0.5	6	40	15	1.64	<10	0.46	10		0.33	464	1	0.04	22
E754371	K-08-0148	249.89	252.92	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	57	1.08	5	130	<0.5	<2	0.27	0.5	2	34	20	0.69	<10	0.29	10		0.1	312	<1	0.02	7
E754373	K-08-0148	252.92	253.59	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.8	30	114	1.5	<5	240	<0.5	<2	0.13	0.7	1	39	58	0.44	<10	0.47	10		0.05	117	1	0.04	9
E602937	K-08-0149	47.85	50.9	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	14	95	4.82	93	600	1.2	<2	1.01	<0.5	6	65	14	2.79	10	1.14	20		0.33	363	1	0.13	30
E602936	K-08-0149	44.81	47.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	15	98	3.38	52	420	0.9	<2	0.81	<0.5	4	58	21	2.1	10	0.77	20		0.27	356	<1	0.1	20
E602935	K-08-0149	43.59	44.81	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	16	103	3.28	106	460	1	<2	0.62	0.8	4	59	12	1.8	10	0.85	20		0.22	370	<1	0.08	20
E602944	K-08-0149	60.05	63.49	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	504	3.37	38	450	0.9	<2	1.32	1.7	5	66	10	1.99	10	0.75	20		0.21	329	1	0.11	21
E602942	K-08-0149	59.05	60.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	10	148	0.63	12	100	<0.5	<2	0.7	1.3	1	41	4	0.72	<10	0.19	10		0.12	141	1	0.02	8
E602955	K-08-0149	85.28	87.48	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.1	6	737	4.13	156	390	0.6	<2	3.44	2.3	14	74	116	4.77	10	0.55	10		1.8	1240	1	0.4	32
E602954	K-08-0149	83.77	85.28	QTZT	QTZT	Non-Mineralized	N-AML	0.42	7.9	13	304	6.87	2380	320	1.1	<2	5.91	1	29	45	101	6.79	10	1.72	<10		2.36	2000	<1	0.27	49
E602956	K-08-0149	87.48	91.6	QTZT	QTZT	Non-Mineralized	N-AML	0.03	0.8	6	755	0.75	77	210	<0.5	<2	0.49	2.6	2	32	28	1.12	<10	0.22	10		0.16	388	<1	0.04	8
E602990	K-08-0149	125.35	126.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.6	228	3850	3.86	99	240	1.2	<2	0.14	56.2	3	81	15	5.22	10	0.83	20		0.29	7190	1	0.16	16
E602991	K-08-0149	126.8	128.63	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.7	74	4100	4.7	65	510	1.4	3	0.16	36.2	6	68	8	6.19	10	1.24	20		0.37	13700	1	0.17	27
E602992	K-08-0149	128.63	130.15	QTZT	QTZT	Non-Mineralized	N-AML	0.05	2.2	273	1750	2.57	99	350	0.7	<2	0.1	13.2	3	62	9	2.87	10	0.84	10		0.13	3970	<1	0.07	10
E602976	K-08-0149	115.82	117.55	QTZT	QTZT	Non-Mineralized	N-AML	0.01	4.4	166	3210	1.86	122	240	0.5	2	0.06	46.2	2	46	70	3.04	<10	0.62	10		0.07	6440	<1	0.03	8
E602966	K-08-0149	103.3	103.83	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.3	352	4420	2.68	80	360	0.7	2	0.08	49.1	<1	56	33	2.54	10	0.91	20		0.08	4820	<1	0.06	8
E602967	K-08-0149	103.83	105.16	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.4	97	4720	1.53	74	210	<0.5	<2	0.09	43.8	3	41	22	6.25	<10	0.43	10		0.11	15900	1	0.05	10
E602973	K-08-0149	110.3	111.25	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	80	4140	0.85	35	20	<0.5	3	0.03	79.4	1	33	32	1.72	<10	0.13	10		0.06	2370	<1	0.04	3
E602969	K-08-0149	106.68	107.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	297	3610	1.23	80	160	<0.5	2	0.07	43	2	37	15	3.47	<10	0.33	10		0.09	8270	<1	0.04	7
E602968	K-08-0149	105.16	106.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	63	1620	1.6	100	240	0.5	<2	0.06	11.1	1	48	7	2.17	<10	0.51	10		0.08	4540	1	0.04	7
E602974	K-08-0149	111.25	112.71	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.7	146	3360	0.79	46	50	<0.5	<2	0.05	85.9	<1	32	53	2.18	<10	0.27	10		0.03	4360	1	0.01	6
E770337	K-08-0150	23.77	24.81	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	135	1.09	6	170	<0.5	<2	2.73	0.7	2	36	5	0.81	<10	0.33	10		0.11	240	<1	0.04	8
E770338	K-08-0150	24.81	25.09	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	167	88	0.32	<5	50	<0.5	<2	1.38	0.8	<1	23	2	0.46	<10	0.12	<10		0.02	607	<1	0.01	1
E770339	K-08-0150	25.09	26.16	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	38	245	1.94	8	270	0.5	2	0.71	1.5	3	49	5	1.45	<10	0.43	10		0.15	1265	<1	0.04	12
E770341	K-08-0150	101.79	103.69	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	23	204	3.65	14	540	0.9	<2	1.09	1	7	74	12	1.95	10	1.1	20		0.29	562	1	0.11	23
E770340	K-08-0150	99.97	101.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	22	248	5.89	14	850	1.4	<2	1.77	1.7	8	105	19	3.08	10	1.18	30		0.47	621	1	0.16	39
E770343	K-08-0150	106.07	108	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	335	1.01	<5	140	<0.5	<2	1.36	<0.5	2	55	5	0.83	<10	0.24	10		0.18	301	<1	0.04	9
E770342	K-08-0150	103.69	106.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	132	1.17	<5	180	<0.5	<2	0.33	<0.5	2	47	5	0.67	<10	0.35	10		0.07	180	<1	0.04	10
E770347	K-08-0150	112.66	115.21	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	244	0.48	<5	70	<0.5	<2	0.7	1.3	2	36	3	0.62	<10	0.12	10		0.21	246	<1	0.01	5
E770349	K-08-0150	118.26	121.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	426	1.3	<5	180	<0.5	<2	0.35	0.6	3	47	6	0.86	<10	0.32	10		0.08	258	<1	0.05	12
E770348	K-08-0150	115.21	118.26	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	654	1.14	5	170	<0.5	<2	0.19	1.8	3	46	5	0.69	<10	0.33	10		0.06	354	<1	0.04	10
E770368	K-08-0150	138.44	139.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	8.7	1770	3010	0.8	81	100	<0.5	<2	0.1	29.4	2	31	26	2.06	<10	0.24	10		0.07	4800	<1	0.02	8
E770369	K-08-0150	139.6	140.12	QTZT	QTZT	Non-Mineralized	N-AML	0.01	9.1	1625	2290	2.29	116	330	0.6	<2	0.23	20.9	4	45	36	2.9	<10	0.71	10		0.15	5460	<1	0.07	20
E770370	K-08-0150	140.12	141	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.3	320	3040	1.44	67	200	<0.5	<2	0.21	29.5	4	42	24	5.49	<10	0.45	10		0.15	13550	<1	0.04	16
E770359	K-08-0150	128.5	130.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	14	137	3.7	41	540	1	<2	2.3	<0.5	6	69	14	2.23	10	0.88	20		0.43	267	1	0.22	28
E770358	K-08-0150	127.95	128.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	28	176	6.5	57	1050	1.9	<2	1.02	0.5	12	115	32	3.27	20	1.7	30		0.62	251	8	0.39	60
E770356	K-08-0150	126.63	127.95	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	52	331	3.76	27	460	0.9	<2	1.79	1.6	6	65	17	2.93	10	0.87	20		0.6	648	1	0.13	27
E770354	K-08-0150	124.95	125.5	QTZT	QTZT	Non-Mineralized	N-AML	0.07	2	89	343	0.65	257	70	<0.5	<2	0.1	1.1	2	29	8	4.07	<10	0.21	<10		0.13	12750	1	0.02	5
E770352	K-08-0150	122.9	124.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	37	258	4.98	33	600	1.5	<2	1.69	0.5	8	83	19	2.42	10	1.2	20		0.3	398	1	0.21	31
E770350	K-08-0150	121.1	122.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	115	4.94	10	630	1.2	<2	1.16	<0.5	8	83	15	2.67	10	1.12	20		0.49	202	<1	0.25	29
E770355	K-08-0150	125.5	126.63	QTZT	QTZT	Non-Mineralized	N-AML	0.13	1.6	551	2030	1.54	164	220	<0.5	<2	0.79	11.8	3	38	5	2.74	<10	0.49	10		0.32	4330	<1	0.04	12
E770360	K-08-0150	130.45	131.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	36	454	2.25	42	360	0.6	<2	1.13	1.1	5	57	23	1.49	10	0.66	10		0.18	749	1	0.07	20
E770371	K-08-0150	141	141.93	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.5	131	2390	2.45	33	370	0.7	<2	0.42	19.5	4	50	20	3.01	<10	0.76	10		0.21	6450	<1	0.09	19
E770353	K-08-0150	124.3	124.95	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	49	270	0.73	19	110	<0.5	<2	0.09	1.2	2	37	7	1.2	<10	0.23	10		0.05	2630	<1	0.03	9
E770373	K-08-0150	141.93	142.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	4	118	2020	3.27	52	510	0.9	<2	0.19	17.1	5	66	23	3.4	10	1.07	20		0.15	6990	<1	0.12	28
E770363	K-08-0150	135.25	136.12	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.5	546	2520	0.6	34	80	<0.5	<2	0.05	27.1	<1	32	39	1.83	<10	0.18	10		0.06	4590	<1	0.02	7
E770364	K-08-0150	136.12	137	QTZT	QTZT	Non-Mineralized	N-AML	0.03	1.1	218	2130	0.36	77	40	<0.5	<2	0.04	21.7	1	34	10	1.62	<10	0.12	<10		0.03	4030	<1	0.01	5
E770361	K-08-0150	131.6	133.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.6	546	1980	0.51	10	70	<0.5	<2	0.95	19.3	1	27	8	1.06	<10	0.17	10		0.14	2920	<1	0.01	6
E770362	K-08-0150	133.5	135.25	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	98	2180	2.7	49	460	0.8	<2	0.48	6.5	7	52	21	2.65	10	0.74	10		0.21	4920	1	0.14	28
E770374	K-08-0150	142.65	144.7	QTZT	QTZT	Non-Mineralized	N-AML	0.04	9.2	1030	4490	3.6	108	470	1	<2	0.56	41.6	5	58	53	3.13	10	1.04	20		0.3	5990	<1	0.11	28
E770375	K-08-0150	144.7	145.69	QTZT	QTZT	Non-Mineralized	N-AML	0.01	3.7	151	4650	3.97	77	540	1.1	<2	0.34	43.2	6	74	40	2.11	10	1.19	20		0.18	3330	<1	0.16	26

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E770384	K-08-0150	152.35	154.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	174	626	2.52	38	410	0.8	<2	0.23	6.2	6	51	10	2.11	10	0.76	20		0.25	3410	<1	0.06	20
E770383	K-08-0150	151.35	152.35	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	1.3	253	63	8.15	19	140	<0.5	7	0.05	<0.5	17	16	101	3.89	30	0.13	20		<0.01	9	11	0.03	10
E770382	K-08-0150	150.4	151.35	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.2	85	197	1.21	415	180	<0.5	<2	0.06	1.8	3	41	10	1.31	<10	0.4	10		0.06	1305	<1	0.03	12
E770381	K-08-0150	149.4	150.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	50	216	0.82	45	120	<0.5	<2	0.05	2	2	34	6	0.66	<10	0.28	10		0.03	473	<1	0.02	6
E770380	K-08-0150	148.4	149.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	64	331	1.79	33	270	0.5	<2	0.11	3.3	2	52	8	0.91	<10	0.61	10		0.07	915	<1	0.05	14
E770378	K-08-0150	146.1	147.27	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.4	162	302	1.34	28	160	<0.5	<2	1.22	2.6	2	42	6	1.63	<10	0.43	10		0.42	2630	<1	0.04	12
E770379	K-08-0150	147.27	148.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	74	195	1.48	29	200	<0.5	<2	0.1	1.6	2	46	6	0.96	<10	0.47	10		0.06	766	<1	0.04	11
E770408	K-08-0150	181.8	184.39	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	104	2.2	<5	350	0.6	<2	0.22	0.6	4	44	29	1.76	10	0.55	10		0.21	178	<1	0.13	14
E770407	K-08-0150	179.22	181.8	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	1.2	17	777	4.03	25	620	1.4	<2	0.25	7.7	4	61	17	1.85	10	0.94	20		0.38	503	<1	0.22	26
E770409	K-08-0150	184.39	186.96	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	15	48	0.79	<5	70	<0.5	<2	0.25	<0.5	12	30	91	2.58	<10	0.09	10		0.3	166	<1	0.01	6
E770395	K-08-0150	169.85	170.75	QTZT	QTZT	Non-Mineralized	N-AML	0.64	10.7	220	2630	1.14	9950	<10	0.5	13	0.09	26.2	34	18	26	17.2	<10	0.02	20		0.19	39300	<1	0.07	16
E770394	K-08-0150	169.23	169.85	QTZT	QTZT	Non-Mineralized	P-AML	0.02	3.4	183	1340	5.08	263	480	1.5	<2	0.22	12.4	6	87	31	4.34	10	1.33	30		0.25	5160	1	0.13	24
E770392	K-08-0150	167.09	169.23	QTZT	QTZT	Non-Mineralized	N-AML	0.05	1.9	46	191	1.32	137	100	<0.5	<2	0.09	1.3	6	42	182	3.15	<10	0.41	10		0.1	3080	<1	0.03	13
E770391	K-08-0150	165.5	167.09	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	23	73	0.45	34	40	<0.5	<2	0.05	0.5	1	33	60	1.02	<10	0.16	10		0.03	1595	<1	0.01	4
E770389	K-08-0150	160.24	163.28	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	230	0.87	37	120	<0.5	<2	0.04	2.4	2	37	27	1.29	<10	0.23	10		0.1	1315	<1	0.03	7
E770390	K-08-0150	163.28	165.5	QTZT	QTZT	Non-Mineralized	N-AML	0.28	1.2	83	854	2.6	161	310	0.7	<2	0.17	9.3	4	53	33	3.93	10	0.81	10		0.15	7480	<1	0.08	16
E770412	K-08-0150	191.27	193.01	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	80	2.52	11	430	0.6	<2	1	0.8	8	50	116	3.54	10	0.61	10		0.78	343	2	0.33	32
E770413	K-08-0150	193.01	195.11	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	67	4.44	17	1100	1.3	<2	0.54	1	4	68	47	1.99	10	1.02	20		0.51	227	2	0.34	36
E770419	K-08-0150	203.91	206.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	39	100	0.92	12	290	<0.5	<2	0.27	1.3	<1	30	10	0.46	<10	0.21	10		0.09	183	<1	0.08	7
E770421	K-08-0150	206.05	208.18	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	26	84	0.5	<5	120	<0.5	<2	0.16	0.7	1	41	6	0.42	<10	0.12	10		0.04	352	<1	0.04	5
E603025	K-08-0151	62.94	64.27	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.1	12	1330	0.75	<5	360	<0.5	<2	0.79	5.4	2	28	37	0.79	<10	0.21	10		0.15	541	3	0.02	9
E603023	K-08-0151	60.92	62.94	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	5	517	1.58	<5	410	<0.5	<2	4.55	4.4	1	50	21	1.07	<10	0.38	10		0.47	458	4	0.04	12
E603037	K-08-0151	82.97	83.82	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	13	4160	3.64	78	680	1.2	2	0.3	26	4	70	11	1.7	10	1.03	20		0.18	992	7	0.25	20
E603036	K-08-0151	81.75	82.97	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	10	4890	0.94	49	220	<0.5	<2	2.39	24.6	7	38	8	0.86	<10	0.33	10		0.17	1350	1	0.04	22
E603040	K-08-0151	84.94	85.94	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	4200	0.65	24	100	<0.5	<2	0.28	16.8	3	38	2	0.62	<10	0.21	10		0.08	1190	1	0.02	11
E603061	K-08-0151	102.11	103.52	QTZT	QTZT	Non-Mineralized	N-AML	0.03	3.3	488	3330	3.95	129	560	1	<2	0.13	45.4	3	78	62	3.28	10	1.21	20		0.13	2810	2	0.11	18
E603039	K-08-0151	83.82	84.94	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	7	4180	0.76	18	130	<0.5	<2	0.27	12.9	5	44	4	0.71	<10	0.23	10		0.1	1110	1	0.02	12
E603043	K-08-0151	87.93	88.97	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.7	45	3770	3.14	51	440	0.9	<2	0.17	23.3	3	91	16	1.69	10	1.16	20		0.13	1290	<1	0.07	13
E603042	K-08-0151	86.97	87.93	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	4000	1.25	33	200	<0.5	<2	1.79	8.3	3	43	9	0.93	<10	0.43	10		0.11	1220	<1	0.05	12
E777486	K-08-0152	169.9	172.86	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	42	149	1.22	9	240	<0.5	2	0.41	0.7	1	42	7	1.06	<10	0.46	10		0.14	1320	<1	0.02	8
E777484	K-08-0152	166.88	169.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	21	87	2.77	12	480	0.7	<2	1.68	<0.5	3	56	15	1.67	<10	0.64	20		0.31	474	<1	0.09	18
E777489	K-08-0152	177.7	179.7	QTZT	QTZT	Non-Mineralized	N-AML	0.09	<0.5	84	285	2.5	14	350	0.6	2	1.21	2.3	5	72	24	1.92	<10	0.76	10		0.38	1820	<1	0.06	21
E777487	K-08-0152	172.86	175.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	48	2.64	5	420	0.7	2	0.91	<0.5	4	60	19	1.57	10	0.73	20		0.3	141	<1	0.06	18
E777488	K-08-0152	175.7	177.7	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	64	4.04	9	640	1	<2	2.92	<0.5	4	84	17	2.02	10	0.92	20		0.39	147	<1	0.16	23
E777502	K-08-0152	204	206.78	QTZT	QTZT	Non-Mineralized	N-AML	0.04	0.6	53	502	0.53	89	80	<0.5	<2	0.05	5.3	1	46	7	0.87	<10	0.18	10		0.03	1270	<1	0.01	4
E777501	K-08-0152	201	204	QTZT	QTZT	Non-Mineralized	N-AML	0.03	0.8	134	867	1.5	80	270	<0.5	<2	0.15	8.7	3	52	10	1.27	<10	0.51	10		0.1	1895	2	0.04	9
E777496	K-08-0152	193.06	195.07	QTZT	QTZT	Non-Mineralized	N-AML	0.18	<0.5	24	147	2.31	166	390	0.5	<2	1.13	0.5	4	58	6	1.68	<10	0.72	10		0.33	339	<1	0.07	15
E777497	K-08-0152	195.07	197	QTZT	QTZT	Non-Mineralized	N-AML	0.04	<0.5	62	378	0.85	28	100	<0.5	<2	2.18	1.9	2	30	8	1.28	<10	0.26	10		0.34	933	<1	0.02	7
E777499	K-08-0152	197	199	QTZT	QTZT	Non-Mineralized	N-AML	0.04	0.7	111	776	1.35	73	160	<0.5	<2	0.47	4.6	2	41	8	2.24	<10	0.4	10		0.2	4300	<1	0.04	9
E777500	K-08-0152	199	201	QTZT	QTZT	Non-Mineralized	N-AML	0.04	2.7	168	653	1.87	73	320	0.5	<2	0.2	5.1	4	52	13	1.7	<10	0.6	10		0.13	2280	1	0.07	16
E777504	K-08-0152	208.78	210.78	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	132	2.34	16	380	0.6	2	1.28	1.4	4	57	10	1.36	<10	0.56	10		0.25	240	1	0.08	16
E777505	K-08-0152	210.78	213	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.2	308	629	1.88	17	340	0.5	<2	1.8	6.9	3	47	9	1.27	<10	0.56	10		0.24	1340	1	0.06	12
E777506	K-08-0152	213	215.2	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1	57	2280	1.55	14	260	0.5	<2	1.27	29.2	3	54	15	1.51	<10	0.45	10		0.17	1890	2	0.06	9
E777511	K-08-0152	219.3	221.4	QTZT	QTZT	Non-Mineralized	N-AML	0.15	1	57	4800	0.76	213	50	<0.5	<2	0.27	56.3	3	44	28	4.44	<10	0.25	10		0.19	11600	1	0.02	7
E777509	K-08-0152	218.2	219.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	66	3370	1.13	52	160	<0.5	<2	0.27	43.1	2	49	19	1.43	<10	0.34	10		0.12	1960	<1	0.03	8
E777512	K-08-0152	221.4	223.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.8	60	4830	0.76	228	30	<0.5	2	0.17	51.6	3	41	75	4.8	<10	0.21	10		0.12	9060	<1	0.02	9
E777513	K-08-0152	223.5	225.55	QTZT	QTZT	Non-Mineralized	N-AML	0.2	6.2	212	1640	0.66	1480	<10	<0.5	13	0.05	9	7	19	3	3.68	<10	0.03	10		0.11	8890	<1	0.04	4
E777523	K-08-0152	231.26	232.12	QTZT	QTZT	Non-Mineralized	N-AML	0.34	25.6	658	1980	0.26	10000	10	<0.5	27	0.33	20.8	29	22	187	11.2	<10	0.08	10		0.11	1475	1	0.01	17
E777524	K-08-0152	232.12	233.55	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.7	91	1255	1.7	203	240	0.5	5	0.37	12.1	4	51	21	1.49	<10	0.63	10		0.1	1365	1	0.03	11
E777525	K-08-0152	233.55	235	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	27	751	0.68	26	80	<0.5	2	0.27	6.9	1	36	4	0.89	<10	0.23	10		0.1	1380	<1	0.01	<1
E777527	K-08-0152	235	237.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	18	200	1.02	20	140	<0.5	<2	0.24	1.6	2	34	1	0.66	<10	0.37	10		0.1	691	1	0.02	2
E754374	K-08-0153	30	33	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	245	1.4	9	240	<0.5	<2	2.24	1.8	3	43	8	0.87	<10	0.38	10		0.09	178	1	0.05	10
E754375	K-08-0153	33	36	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	677	1.36	26	220	<0.5	<2	0.63	4.4	2	37	7	0.82	<10	0.34	10		0.08	419	1	0.07	14
E754376	K-08-0153	36	38.98	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	55	1.18	<5	190	<0.5	<2	3.07	<0.5	2	35	5	0.88	<10	0.29	10		0.21	101	1	0.03	8
E754378	K-08-0153	38.98	41.98	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	45	0.72	<5	180	<0.5	<2	0.84	1.4	2	33	5	0.49	<10	0.19	10		0.07	68	1	0.04	6
E754379	K-08-0153	41.98	44.16	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	81	1.14	<5	270	<0.5	<2	3.27	0.6	2	41	10	0.83	<10	0.3	10		0.23	179	1	0.08	11
E754407	K-08-0153	90.89	91.84	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.8	135	3430	0.33	115	10	<0.5	<2	0.05	95	2	37	58	2.94	<10	0.11	<10		0.05	6600	<1	0.01	5
E754408	K-08-0153	91.84	92.84	QTZT	QTZT	Non-Mineralized	P-AML	0.06	6.9	352	1625	6.22	164	800	1.8	2	0.12	82.6	2	121	52	3.67	10	1.92	30		0.19	1055	<1	0.15	10
E754425	K-08-0153	99.67	100.66	QTZT	QTZT	Non-Mineralized	N-AML	0.04	4.6	161	4480	0.33	138	30	<0.5	5	0.02	45.9	1	31	33	1.71	<10	0.12	10		0.02	2460	<1	<0.01	3
E754428	K-08-0153	102.29	103.75	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	126	3230	0.82	38	60	<0.5	2	0.08	35.8	1	40	19	2.45	<10	0.23	10		0.2	5210	<1	0.02	3
E754430	K-08-0153	103.75	105.77	QTZT	QTZT	Non-Mineralized	N-AML	0.01	3.4	303	3850	1.71	40	180	0.5	5	0.14	27.8	1	48	27	3.14	<10	0.53	10		0.29	8590	1	0.06	6
E754431	K-08-0153	105.77	107.78	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	93	2220	1.55	18	180	<0.5	2	0.07	31.1	1	49	28	1.46	<10	0.48	10		0.11	2370	<1	0.04	7
E754433	K-08-0153	109.33	110.33	QTZT	QTZT	Non-Mineralized	N-AML	0.29	61.6	1390	3500	0.73	565	30	<0.5	120	0.06	50.7	16	39	277	7.41	<10	0.23	10		0.06	5280	<1	0.02	15
E754390	K-08-0153	69.58	72.54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	3010	0.97	6	340	<0.5	<2	0.43	18.4	4	41	8	0.86	<10	0.27	10		0.14	924	<1	0.03	11
E754391	K-08-0153	72.54	75.54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	1050	1.49	<5	250	<0.5	<2	0.51	5.3	2	50	8	1.05	<10	0.36	10		0.14	296	<1	0.07	10
E754393	K-08-0153	78.54	81.53	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	2070	2.32	20	350	0.7	<2	0.47	10.7	3	67	12	1.2	10	0.69	20		0.17	457	<1	0.07	15
E754396	K-08-0153	84.49	85.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.5	175	4130	1.91	129	290	0.6	<2	0.06	57.9	3	56	53	2.21	<10	0.61	10		0.08	3820	<1	0.07	6
E754437	K-08-0153	113.26	114.91	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1	333	2970	3.68	19	420	1.1	<2	0.61	25.8	6	72	11	2.61	<10	1.11	20		0.24	2800	1	0.09	21
E754438	K-08-0154	45.94	46.94	QTZT	QTZT	Non-Mineralized	N-AML	0.01	4.3	964	700	0.51	15	80	<0.5	3	0.02	10.3	<1	36	27	1.48	<10	0.2	10		0.01	1210	1	0.01	3
E754439	K-08-0154	46.94	47.94	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.7	352	565	0.58	15	90	<0.5	<2	0.02	11.6	1	33	24	0.95	<10	0.22	10		0.01	1275	<1	0.01	2

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E754440	K-08-0154	47.94	48.64	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	110	2290	0.43	21	30	<0.5	<2	0.16	78.9	<1	19	28	11.35	<10	0.15	10		0.04	37000	1	0.01	2
E754441	K-08-0154	48.64	50.18	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.2	66	2190	1.65	11	240	0.5	<2	0.43	56	4	42	19	5.52	<10	0.5	10		0.04	13500	1	0.05	14
E754450	K-08-0154	168.08	171.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	120	1.31	<5	260	<0.5	<2	1.53	0.9	2	45	7	1.02	<10	0.33	10		0.17	145	1	0.03	10
E754444	K-08-0154	153.09	156.09	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	55	2.98	<5	400	0.8	<2	1.58	0.5	5	70	13	1.74	<10	0.72	10		0.32	117	2	0.11	22
E754445	K-08-0154	156.09	159.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	25	0.8	5	110	<0.5	<2	1.54	<0.5	2	40	5	0.65	<10	0.2	10		0.13	86	1	0.02	6
E754446	K-08-0154	159.1	162.08	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	57	2.76	12	410	0.7	<2	1.8	<0.5	5	59	23	1.74	10	0.54	20		0.28	137	2	0.1	18
E754448	K-08-0154	162.08	165.06	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	20	77	3.68	12	590	1	<2	0.82	0.6	7	67	16	1.82	10	0.78	20		0.32	183	2	0.15	24
E754451	K-08-0154	171.05	173.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	93	1.91	<5	280	0.6	<2	0.72	0.7	4	50	14	1.18	<10	0.46	10		0.22	91	1	0.07	15
E754453	K-08-0154	173.74	175.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	31	93	2.14	<5	350	0.5	<2	1.08	0.7	4	59	40	1.32	<10	0.55	10		0.29	118	1	0.06	16
E754449	K-08-0154	165.06	168.08	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	44	2.35	9	440	0.7	<2	1.15	<0.5	4	50	12	1.4	10	0.49	10		0.27	144	1	0.12	16
E754458	K-08-0154	182.4	183.86	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	108	596	0.5	<5	100	<0.5	2	0.43	5.1	3	37	5	1.24	<10	0.17	10		0.12	3630	1	0.01	5
E754459	K-08-0154	183.86	185.02	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	151	516	0.53	11	90	<0.5	2	0.44	3.4	3	41	7	1.5	<10	0.19	<10		0.15	4100	<1	0.01	6
E754460	K-08-0154	185.02	185.93	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	33	295	1.72	11	350	<0.5	<2	0.84	1.5	5	45	57	1.12	<10	0.54	10		0.22	620	2	0.04	16
E754461	K-08-0154	185.93	188.6	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	89	696	3.28	20	600	0.9	2	1.27	6.3	6	62	17	2.03	10	1.1	20		0.36	1600	<1	0.09	21
E754465	K-08-0154	194.21	195.07	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	108	1615	0.4	24	60	<0.5	2	0.78	8.9	2	56	4	0.86	<10	0.14	10		0.08	2540	<1	0.02	2
E754467	K-08-0154	195.07	196.57	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	35	1150	0.27	6	50	<0.5	<2	0.06	7	2	48	3	0.53	<10	0.1	10		0.02	1190	<1	0.02	3
E754462	K-08-0154	188.6	189.25	QTZT	QTZT	Non-Mineralized	N-AML	0.02	2.7	131	665	1.62	156	110	0.8	4	0.17	4.3	5	35	297	3.37	10	0.2	10		0.22	3260	<1	0.09	18
E754468	K-08-0154	196.57	198.12	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	22	479	1.67	16	270	0.5	<2	0.42	4.9	4	51	6	1.63	<10	0.52	10		0.11	1065	<1	0.05	12
E754469	K-08-0154	198.12	199.62	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	23	1735	0.31	12	50	<0.5	<2	0.09	6.3	1	46	1	0.74	<10	0.12	10		0.03	1810	<1	0.02	3
E754470	K-08-0154	199.62	201.11	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	16	2690	0.3	10	40	<0.5	<2	0.22	9.5	3	48	<1	1.03	<10	0.12	10		0.07	3150	<1	0.02	5
E754472	K-08-0154	201.11	202.7	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.6	47	3670	0.94	6	110	<0.5	2	0.22	8.8	6	53	11	1.57	<10	0.2	10		0.12	2170	<1	0.03	16
E754464	K-08-0154	192.18	194.21	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.2	133	2850	0.9	82	170	<0.5	2	0.64	18.6	4	49	85	1.25	<10	0.32	10		0.1	1970	<1	0.03	10
E754478	K-08-0154	213.36	216.33	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	12	64	3.41	23	390	0.9	<2	0.75	0.5	4	76	7	1.85	10	0.82	20		0.33	194	<1	0.11	16
E754473	K-08-0154	202.7	205.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	879	1.92	9	260	0.5	4	3.39	1.9	4	46	7	1.47	<10	0.5	10		0.2	527	<1	0.05	13
E754481	K-08-0154	221.3	224.09	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	91	2.3	7	310	0.6	2	0.82	0.6	3	50	14	1.37	<10	0.58	10		0.27	169	2	0.11	20
E754479	K-08-0154	216.33	219.33	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.4	62	4280	2.61	22	340	0.8	4	0.44	63.8	5	64	54	1.85	10	0.7	10		0.27	463	<1	0.1	14
E754477	K-08-0154	210.31	213.36	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.6	10	101	5.68	29	750	1.4	<2	2.31	<0.5	8	84	22	2.69	10	1.16	20		0.45	175	<1	0.24	34
E754476	K-08-0154	208.31	210.31	QTZT	QTZT	Non-Mineralized	N-AML	0.02	348	19	399	8.45	42	1030	2.6	2	1.54	2	14	148	591	4.11	20	1.68	40		0.64	317	<1	0.42	95
E754474	K-08-0154	205.68	208.31	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	10	392	4.05	23	490	1	5	1.89	0.6	9	70	19	2.5	10	0.84	20		0.63	405	<1	0.13	30
E754480	K-08-0154	219.33	221.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	19	866	2.74	13	360	0.7	2	1.03	11.8	4	64	29	1.73	<10	0.61	10		0.22	337	<1	0.09	16
E754488	K-08-0154	237.38	240.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	41	296	0.4	<5	40	<0.5	4	0.85	2.1	1	40	4	0.99	<10	0.11	<10		0.29	764	2	0.01	3
E754487	K-08-0154	234.38	237.38	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	205	0.49	5	60	<0.5	5	0.03	1.7	1	35	2	0.5	<10	0.16	<10		0.04	399	1	0.01	3
E754486	K-08-0154	231.4	234.38	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	24	132	0.76	9	90	<0.5	5	0.6	0.7	2	36	4	0.98	<10	0.21	10		0.25	405	1	0.02	4
E754485	K-08-0154	228.43	231.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	44	1.35	<5	170	<0.5	3	0.1	<0.5	2	37	3	0.8	<10	0.38	10		0.1	125	1	0.02	10
E754483	K-08-0154	225.43	228.43	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	100	0.6	<5	60	<0.5	3	0.97	<0.5	1	30	2	0.88	<10	0.16	<10		0.32	337	1	0.01	5
E754490	K-08-0154	242.44	243.84	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	98	0.94	7	110	<0.5	5	0.11	0.5	2	37	7	1.15	<10	0.24	10		0.12	120	1	0.02	7
E754489	K-08-0154	240.4	242.44	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	9	117	1.35	<5	190	<0.5	5	0.06	1	3	46	4	0.67	<10	0.43	10		0.06	271	1	0.03	9
E603078	K-08-0155	33.78	36.15	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	11	920	1.27	20	190	<0.5	<2	5.81	8.2	2	35	5	0.92	<10	0.32	10		0.08	780	1	0.05	10
E603076	K-08-0155	31.05	33.78	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	268	1.68	11	270	0.5	2	3.19	2.2	2	47	8	1.18	<10	0.46	10		0.13	261	2	0.07	11
E603079	K-08-0155	36.15	39.32	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	132	1.62	<5	260	<0.5	4	2.48	0.6	2	46	7	1.12	<10	0.45	10		0.21	156	1	0.05	11
E603080	K-08-0155	39.32	41.87	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	73	1.97	7	390	0.5	<2	3.19	<0.5	3	50	12	1.19	<10	0.5	10		0.29	127	2	0.13	13
E603075	K-08-0155	28.83	31.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	68	0.93	<5	140	<0.5	<2	1.95	<0.5	1	39	5	0.74	<10	0.26	10		0.11	141	1	0.04	8
E603074	K-08-0155	25.45	28.83	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	13	157	4.11	23	520	1.1	<2	1.62	0.7	7	75	23	2.44	10	0.83	20		0.39	193	1	0.15	29
E603100	K-08-0155	81.99	85.04	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	2350	2.28	15	370	0.6	3	2.12	7.8	4	48	8	1.43	<10	0.52	10		0.26	789	2	0.09	17
E603106	K-08-0155	97.23	100.28	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	3620	4.48	28	880	1.2	<2	0.79	12.1	8	75	20	2.54	10	1.18	20		0.3	1095	1	0.14	30
E603105	K-08-0155	94.18	97.23	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	2880	1.04	16	190	<0.5	<2	1.43	9.9	3	43	4	1.41	<10	0.26	10		0.46	926	2	0.02	8
E603104	K-08-0155	91.14	94.18	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	9	456	3.51	12	610	1	<2	0.66	2.4	5	63	11	1.93	10	0.76	20		0.3	241	<1	0.11	21
E603102	K-08-0155	88.09	91.14	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	10	479	4.63	8	730	1.1	2	1.99	2.8	6	81	14	2.31	10	0.88	20		0.37	249	1	0.2	27
E603101	K-08-0155	85.04	88.09	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	9	615	2.56	12	440	0.7	<2	1.95	2.4	4	59	14	1.43	10	0.57	10		0.21	287	1	0.12	16
E603097	K-08-0155	72.85	75.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	2400	0.48	9	90	<0.5	4	1.35	9.3	2	30	3	0.56	<10	0.13	<10		0.1	671	1	0.02	7
E603096	K-08-0155	69.85	72.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	996	2.15	15	1070	0.5	4	1.05	3.5	10	47	34	1.35	10	0.59	10		0.36	408	11	0.09	38
E603145	K-08-0155	136.86	138.15	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.1	66	2480	0.53	62	40	<0.5	<2	0.09	24.3	1	43	25	1.58	<10	0.17	10		0.04	3090	1	0.01	4
E603147	K-08-0155	138.15	139.9	QTZT	QTZT	Non-Mineralized	N-AML	0.03	0.8	51	2750	1.92	992	130	<0.5	<2	0.18	23.6	4	62	17	4.18	10	0.54	10		0.17	8800	<1	0.05	7
E603148	K-08-0155	139.9	142.34	QTZT	QTZT	Non-Mineralized	P-AML	0.04	3.3	210	1960	6.94	119	870	1.8	<2	0.28	18.7	9	130	31	4.48	20	2.35	30		0.32	4200	1	0.18	45
E603109	K-08-0155	106.38	109.42	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	24	2900	1.33	15	200	<0.5	<2	0.58	9.2	3	53	5	1.21	<10	0.5	10		0.14	1290	<1	0.02	11
E603110	K-08-0155	109.42	112.47	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	104	3680	1.3	15	210	<0.5	<2	0.59	21.7	4	51	6	1.4	<10	0.48	10		0.19	1675	1	0.03	13
E770427	K-08-0156	14.11	15.95	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	31	594	2.66	13	330	0.7	<2	0.4	1.9	6	48	6	2.02	10	0.75	10		0.15	1410	1	0.07	21
E770426	K-08-0156	11.28	14.11	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	120	877	3.77	13	400	1.3	<2	0.17	8.5	5	60	10	2.84	10	0.94	20		0.17	2780	1	0.15	21
E770424	K-08-0156	9.11	11.28	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	98	885	2.67	13	410	0.8	<2	0.27	6	5	50	9	1.94	10	0.71	20		0.07	1510	1	0.1	20
E770423	K-08-0156	7.5	9.11	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	97	851	0.46	<5	80	<0.5	<2	0.17	5.5	4	41	6	1.09	<10	0.14	10		0.03	1905	3	0.01	12
E770422	K-08-0156	4.57	7.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	77	717	3.12	11	500	0.8	<2	0.17	3.3	9	71	15	1.97	10	0.73	20		0.16	1385	1	0.21	27
E770439	K-08-0156	40.69	43.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	20	213	3.31	5	470	1	<2	0.8	0.9	6	67	11	1.77	10	0.88	20		0.27	274	1	0.08	25
E770441	K-08-0156	46.66	49.65	QTZT	QTZT	Non-Mineralized	P-AML	0.02	0.6	52	273	4.82	46	630	1.3	<2	0.64	1.7	6	69	14	2.34	10	1.32	20		0.27	908	1	0.11	32
E770443	K-08-0156	52.18	54.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	28	122	2.85	7	380	0.8	<2	0.8	1.1	4	55	7	1.73	10	0.69	20		0.3	409	1	0.07	19
E770440	K-08-0156	43.68	46.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	131	4.35	11	570	1.2	<2	0.8	0.7	6	61	13	2.46	10	1.04	20		0.31	249	1	0.1	28
E770442	K-08-0156	49.65	52.18	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	23	171	1.23	9	130	<0.5	<2	0.57	1.5	3	42	6	1.73	<10	0.25	10		0.21	444	<1	0.03	10
E770449	K-08-0156	65.1	67.23	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	3200	0.58	<5	70	<0.5	<2	1.33	10.1	2	38	3	0.84	<10	0.18	10		0.1	1345	<1	0.01	9
E770480	K-08-0156	96.26	97.26	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.2	199	3660	2.69	107	30	1.1	3	0.09	74.1	1	59	31	3.94	10	0.24	20		0.29	6000	1	0.18	8
E770476	K-08-0156	94.1	95.1	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.7	70	1670	0.79	101	10	<0.5	<2	0.07	37.1	1	41	11	1.82	<10	0.14	10		0.08	4010	1	0.04	3
E770483	K-08-0156	99.26	100.67	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	33	664	0.38	34	40	<0.5	<2	0.02	7.5	2	38	6	0.7	<10	0.12	<10		0.01	510	<1	0.01	3

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E770482	K-08-0156	98.26	99.26	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.2	134	2430	0.64	61	40	<0.5	<2	0.04	30	2	46	23	1.43	<10	0.17	10		0.04	2830	<1	0.02	5
E770481	K-08-0156	97.26	98.26	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	36	4990	0.55	47	20	<0.5	<2	0.04	63.9	2	33	14	3.44	<10	0.16	10		0.07	9090	<1	0.02	3
E770466	K-08-0156	88.02	88.88	QTZT	QTZT	Non-Mineralized	N-AML	0.01	4.1	292	3810	3.85	79	570	0.9	3	0.13	70	2	89	51	2.92	10	1.23	20		0.17	4480	2	0.1	8
E770477	K-08-0156	95.1	95.8	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	26	2090	0.45	84	30	<0.5	<2	0.03	43.3	<1	30	10	2.04	<10	0.11	10		0.05	6340	<1	0.02	<1
E770487	K-08-0156	102.4	105.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	19	2620	3.54	23	430	0.9	<2	0.4	13.5	6	81	13	1.92	10	0.9	20		0.24	693	<1	0.11	18
E770494	K-08-0156	118.5	121.01	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	12	4460	0.44	7	80	<0.5	<2	0.42	7.6	2	33	5	0.51	<10	0.14	<10		0.03	861	<1	0.01	3
E770493	K-08-0156	116.9	118.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	23	139	4.26	<5	670	1.1	<2	2.36	1	7	75	35	2.06	10	1.04	20		0.43	155	4	0.25	30
E770491	K-08-0156	113.9	116.9	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	15	1075	1.52	<5	260	<0.5	<2	1.17	4.1	3	54	7	0.92	<10	0.44	10		0.13	391	<1	0.03	13
E770490	K-08-0156	111.27	113.9	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	20	495	4.89	12	830	1.4	<2	2.52	2.8	7	94	21	2.36	10	1.11	20		0.45	254	1	0.21	36
E770488	K-08-0156	105.4	108.34	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	13	2130	5.23	22	730	1.4	<2	0.78	9.8	9	95	17	2.44	10	1.07	20		0.37	666	<1	0.18	35
E770484	K-08-0156	100.67	101.9	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.2	143	2140	3.43	80	470	0.8	2	0.13	15.7	5	75	14	3.81	10	1.03	20		0.16	5830	<1	0.1	18
E770489	K-08-0156	108.34	111.27	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	3140	1.35	<5	220	<0.5	<2	0.52	13.9	5	54	9	1.06	<10	0.39	10		0.13	899	<1	0.03	14
E603150	K-08-0157	9	12	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.5	35	546	4.17	25	670	1.1	<2	1.35	2.6	4	78	16	2.55	10	0.92	20		0.22	388	1	0.26	22
E603149	K-08-0157	6.1	9	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	65	503	1.53	10	250	<0.5	<2	0.35	3.2	2	60	7	1.24	<10	0.3	10		0.14	978	1	0.1	10
E603151	K-08-0157	12	14.75	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	87	334	0.43	6	60	<0.5	<2	0.39	3.4	2	39	11	1.19	<10	0.09	10		0.06	2010	1	0.02	6
E603168	K-08-0157	48	49	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	20	220	6.91	14	870	1.7	<2	0.89	<0.5	9	109	15	3.32	10	1.61	30		0.36	257	<1	0.15	37
E603169	K-08-0157	49	50	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	67	278	2.34	12	280	0.6	<2	0.94	1.9	3	54	5	1.87	10	0.6	10		0.26	346	1	0.05	13
E603171	K-08-0157	50	51	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	47	259	0.8	6	100	<0.5	2	0.71	1.7	2	43	2	1.52	<10	0.29	10		0.18	1045	<1	0.01	6
E603172	K-08-0157	51	54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	188	2.26	11	310	0.7	<2	0.97	<0.5	3	54	6	1.9	10	0.52	10		0.26	239	1	0.05	15
E603173	K-08-0157	54	57	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	95	1.2	10	170	<0.5	<2	0.86	<0.5	3	57	5	1.81	<10	0.33	10		0.18	210	1	0.02	10
E603174	K-08-0157	57	58.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	21	347	4.91	26	640	1.4	2	1.11	1.3	8	78	16	3.29	10	1.51	30		0.38	663	<1	0.12	27
E603167	K-08-0157	45	48	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	21	135	3.04	12	410	0.8	<2	0.65	<0.5	5	62	10	1.64	10	0.8	20		0.18	198	<1	0.07	18
E603165	K-08-0157	42.75	45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	60	0.72	<5	90	<0.5	<2	0.61	<0.5	2	41	4	1.21	<10	0.14	10		0.15	139	<1	0.02	7
E603175	K-08-0157	58.3	61	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	52	0.5	5	50	<0.5	2	0.58	<0.5	1	50	2	1.07	<10	0.13	10		0.15	177	<1	0.01	5
E603177	K-08-0157	61	64	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	84	0.67	5	80	<0.5	<2	0.63	0.5	2	45	2	1.2	<10	0.17	10		0.17	156	<1	0.02	6
E603178	K-08-0157	64	65.81	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	193	0.47	5	50	<0.5	<2	0.56	0.7	1	46	1	1.18	<10	0.12	10		0.14	458	<1	0.01	5
E603187	K-08-0157	81.38	82.75	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	216	2260	0.75	6	100	<0.5	<2	2.54	9.7	3	45	1	1.25	<10	0.27	10		0.13	3150	<1	0.02	10
E603189	K-08-0157	82.75	84	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.8	171	1835	0.53	<5	80	<0.5	<2	0.11	12.2	2	38	9	2.43	<10	0.2	10		0.08	7110	<1	0.01	4
E603190	K-08-0157	84	85.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	362	3740	0.58	8	80	<0.5	<2	0.34	24.7	4	35	2	3.99	<10	0.21	10		0.12	13050	<1	0.01	8
E603210	K-08-0157	101	102	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.1	47	2380	0.88	43	20	<0.5	3	0.06	11.5	2	37	30	4.72	10	0.11	<10		0.14	13850	<1	0.05	4
E603212	K-08-0157	102	102.5	QTZT	QTZT	Non-Mineralized	N-AML	0.46	39.3	152	1690	1.89	4950	20	0.8	5	0.09	71.9	15	30	242	4.56	10	0.1	10		0.17	7060	1	0.13	15
E603215	K-08-0157	104	105	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	38	3880	1.55	72	50	0.6	4	0.07	61.6	2	42	7	2.26	10	0.3	10		0.14	3780	1	0.08	5
E603218	K-08-0157	106	107	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	42	3210	0.93	39	40	<0.5	4	0.03	63.5	1	33	14	2.13	<10	0.19	10		0.08	3570	1	0.05	5
E603223	K-08-0157	111	112	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	14	3030	0.33	12	20	<0.5	<2	0.02	13.3	<1	36	3	0.55	<10	0.11	<10		0.02	968	<1	0.01	3
E603224	K-08-0157	112	113.6	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	70	4950	0.38	28	50	<0.5	<2	0.24	18.6	2	34	5	0.71	<10	0.13	<10		0.1	944	6	0.01	6
E603194	K-08-0157	88	89.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.9	231	1735	2	24	280	0.6	<2	0.36	12.8	3	51	4	3.03	<10	0.73	10		0.15	4930	<1	0.05	9
E603195	K-08-0157	89.2	90	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.8	143	1135	3.25	21	530	0.8	<2	0.09	12.7	1	69	9	2.06	10	1.12	20		0.1	2740	<1	0.1	7
E603196	K-08-0157	90	91	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	163	1770	1.64	25	250	<0.5	<2	0.08	18.4	1	53	8	2.4	10	0.59	10		0.08	4850	<1	0.04	3
E603206	K-08-0157	98.25	99	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	19	327	7.24	10	640	0.9	<2	2.64	2.2	11	45	36	4.02	10	1.27	10		1.23	900	<1	2.51	23
E603198	K-08-0157	91	92	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	160	2140	1.13	16	170	<0.5	<2	0.07	10.6	1	40	5	2.56	<10	0.4	10		0.09	6230	<1	0.03	2
E603230	K-08-0157	119	120.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	41	3980	0.36	16	50	<0.5	2	0.02	15.6	1	42	4	0.44	<10	0.13	<10		0.01	538	<1	0.01	5
E603228	K-08-0157	117	118	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	66	1240	0.38	14	60	<0.5	<2	0.02	11.8	<1	36	7	0.44	<10	0.14	<10		0.02	609	<1	0.01	4
E603229	K-08-0157	118	119	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	15	4430	0.4	12	60	<0.5	<2	0.02	16.6	2	40	3	0.46	<10	0.15	<10		0.01	692	<1	0.01	4
E770495	K-08-0158	5.43	8.44	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	179	3.06	<5	500	0.8	<2	0.9	1.4	5	70	14	1.52	10	0.54	10		0.29	180	<1	0.19	17
E770496	K-08-0158	8.44	11.67	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	376	2.48	8	190	<0.5	<2	2.03	2.4	11	80	37	2.4	10	0.22	10		0.73	694	<1	0.16	29
E770498	K-08-0158	11.67	13.94	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	204	1.58	<5	280	<0.5	<2	0.28	1.4	2	43	6	0.97	<10	0.28	10		0.07	194	<1	0.07	10
E770509	K-08-0158	38.1	39.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	101	2.18	15	320	0.6	<2	0.64	0.5	4	51	6	1.18	10	0.5	10		0.21	144	1	0.06	15
E770510	K-08-0158	39.85	41.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	70	356	1.21	17	140	<0.5	2	0.39	2.6	4	50	8	1.8	<10	0.35	10		0.17	1500	2	0.02	12
E770514	K-08-0158	45.12	48.15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	185	1.79	6	240	0.5	3	0.99	<0.5	3	62	10	1.64	<10	0.34	10		0.17	184	1	0.04	18
E770515	K-08-0158	48.15	51.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	86	0.77	<5	110	<0.5	<2	2.62	<0.5	2	50	6	1.52	<10	0.14	10		0.17	242	1	0.01	9
E770517	K-08-0158	51.2	54.22	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	108	0.72	<5	90	<0.5	<2	0.97	<0.5	3	44	5	1.34	<10	0.11	10		0.15	164	1	0.01	7
E770522	K-08-0158	62.8	65.54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	176	1.87	12	240	0.6	2	0.73	0.7	3	54	10	1.45	<10	0.4	10		0.18	202	<1	0.07	13
E770521	K-08-0158	60.07	62.8	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	40	222	1.73	7	220	0.5	3	0.57	1.1	3	51	4	1.52	<10	0.4	10		0.17	860	<1	0.05	12
E770544	K-08-0158	100.75	102.73	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	25	3160	0.81	12	190	<0.5	<2	1.5	3	2	46	8	0.79	<10	0.26	10		0.08	818	<1	0.04	7
E770545	K-08-0158	102.73	105.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	29	3430	1.18	12	270	<0.5	<2	1.81	4.4	3	50	9	0.88	<10	0.39	10		0.16	1240	1	0.06	11
E770547	K-08-0158	108.33	111	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	249	4210	1.95	11	310	0.5	<2	1.6	8.6	5	51	11	1.6	<10	0.62	10		0.19	2830	<1	0.08	20
E770552	K-08-0158	117.2	119.33	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	92	818	1.9	13	700	0.6	<2	0.52	3.5	5	38	24	1.64	<10	0.64	10		0.32	1280	1	0.07	15
E770551	K-08-0158	115.01	117.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	76	3140	1.33	26	420	<0.5	<2	0.59	5.1	3	44	23	1.24	10	0.42	10		0.28	1235	<1	0.02	14
E770561	K-08-0158	126.89	128.02	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.1	176	3810	2.83	8	200	1.3	2	0.12	32.9	2	51	9	2.16	10	0.31	20		0.27	1240	<1	0.18	7
E770577	K-08-0158	141.49	142.39	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.6	36	2380	1.09	10	130	<0.5	4	0.06	20.4	1	45	35	1.64	<10	0.32	10		0.08	1200	<1	0.03	7
E770568	K-08-0158	135.02	135.72	QTZT	QTZT	Non-Mineralized	N-AML	1.19	46.7	184	3430	2.69	3630	40	<0.5	40	2.31	20.3	27	73	251	9.08	<10	0.12	10		1.29	7870	1	0.03	43
E770582	K-08-0158	144.95	146	QTZT	QTZT	Non-Mineralized	N-AML	0.02	2	127	2480	0.3	63	30	<0.5	<2	0.04	23.9	<1	29	22	1.8	<10	0.07	<10		0.05	2680	<1	<0.01	2
E770588	K-08-0158	150.4	151.62	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	21	4340	1.3	13	220	<0.5	<2	0.4	37.5	3	43	18	1.11	<10	0.37	10		0.17	745	<1	0.04	11
E770587	K-08-0158	149.05	150.4	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	101	3400	0.46	12	50	<0.5	<2	0.13	18.1	2	34	21	1.41	<10	0.12	<10		0.08	2120	<1	0.01	5
E770584	K-08-0158	147.06	148.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	3630	0.94	22	130	<0.5	<2	1.95	13.2	3	42	10	0.97	<10	0.26	10		0.18	935	<1	0.03	6
E770583	K-08-0158	146	147.06	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.2	77	3220	0.72	63	100	<0.5	<2	0.12	19.7	3	45	29	1.48	<10	0.21	10		0.06	1435	<1	0.02	12
E756778	K-10-0239	26.51	27.42	QTZT	QTZT	Non-Mineralized	N-AML	1.44	1.9	294	2410	0.84	5200	20	<0.5	4	0.09	184.5	12	29	52	13.9	<10	0.01	<10		0.24	36700	1	0.06	9
E773701	K-10-0239	34.14	35.65999	QTZT	QTZT	Non-Mineralized	N-AML	0.04	3.1	185	2270	1.13	156	100	<0.5	5	0.07	29.4	1	53	87	4.31	<10	0.37	30		0.08	7790	<1	0.03	2
E773700	K-10-0239	33.13	34.14	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.5	67	1460	0.5	336	10	<0.5	2	0.06	35.1	1	35	46	3.83	<10	0.15	20		0.06	8530	<1	0.02	1
E773699	K-10-0239	30.37	33.13	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.6	150	496	1	910	110	<0.5	5	0.04	22.4	2	48	28	3.06	<10	0.33	30		0.04	3110	<1	0.03	3

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E773698	K-10-0239	28.99	30.37	QTZT	QTZT	Non-Mineralized	N-AML	0.01	3.1	253	1015	0.77	491	100	<0.5	3	0.05	42.6	1	51	40	5.87	<10	0.26	20		0.06	7210	<1	0.02	1
E756779	K-10-0239	27.42	28.04	QTZT	QTZT	Non-Mineralized	N-AML	0.02	2.1	132	1100	0.84	220	100	<0.5	3	0.02	12.3	<1	50	152	3.45	<10	0.22	10		0.03	1305	1	0.02	<1
E756777	K-10-0239	26.2	26.51	QTZT	QTZT	Non-Mineralized	N-AML	0.26	8.4	946	3020	5.19	50	660	1.5	2	0.18	57.5	1	75	77	6.41	10	1.77	20		0.18	14750	<1	0.13	5
E756780	K-10-0239	28.04	28.99	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.5	291	856	1.72	95	260	0.5	3	0.07	53.6	1	53	41	3.26	<10	0.53	10		0.08	3640	1	0.05	4
E756802	K-10-0240	19.1	19.25	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1	18	990	0.94	56	70	<0.5	<2	0.04	27.9	<1	47	14	3.92	<10	0.34	10		0.04	8920	1	0.02	2
E756803	K-10-0240	19.25	20.72	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.2	108	545	0.58	39	50	<0.5	<2	0.03	11.9	<1	42	32	2.29	<10	0.22	10		0.03	3610	2	0.01	1
E756824	K-10-0240	38.71	40.23	QTZT	QTZT	Non-Mineralized	N-AML	0.003	0.7	84	1130	0.7	24	158	<0.5	<1	0.03	39.2	1.4	638	20.6	2.11	<5	0.34	2	<1	0.04	4120	4.7	0.02	8
E756823	K-10-0240	37.71	38.71	QTZT	QTZT	Non-Mineralized	N-AML	0.022	5	561	2840	1.14	613	241	<0.5	3	0.05	164	4	402	348	4.07	<5	0.5	3	2	0.1	8580	3.1	0.06	8.8
E756825	K-10-0240	40.23	42.36999	QTZT	QTZT	Non-Mineralized	N-AML	0.003	1.2	352	869	1.15	19	237	<0.5	<1	0.07	12.7	1.3	555	5.9	3.37	<5	0.54	3	1	0.14	9800	3.3	0.03	7.8
E778066	K-08-0175	9	12	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	50	0.59	<5	110	<0.5	<2	3.41	<0.5	1	38	6	0.54	<10	0.13	10		0.04	95	<1	0.02	5
E778072	K-08-0175	20	21.65	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	104	0.58	<5	180	<0.5	<2	2.18	0.5	1	40	5	0.51	<10	0.15	10		0.04	84	1	0.03	6
E778070	K-08-0175	18	20	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	6	131	0.51	6	160	<0.5	<2	2.18	0.9	1	38	4	0.44	<10	0.15	10		0.03	96	<1	0.02	3
E778068	K-08-0175	12	15	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.8	22	88	1.47	5	280	0.5	<2	2.22	0.7	2	53	14	0.97	<10	0.35	10		0.05	94	1	0.07	10
E778065	K-08-0175	6.1	9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	5	31	0.9	<5	150	<0.5	<2	2.4	<0.5	2	49	10	0.77	<10	0.16	10		0.04	97	1	0.04	8
E778069	K-08-0175	15	18	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	18	198	0.78	13	220	<0.5	<2	0.57	0.8	<1	47	8	0.66	<10	0.23	10		0.02	139	1	0.03	7
E778074	K-08-0175	24	27	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	657	1.08	22	360	<0.5	2	0.15	2.5	2	56	9	0.64	<10	0.33	10		0.03	320	<1	0.05	6
E778073	K-08-0175	21.65	24	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	292	1.39	7	490	<0.5	<2	3.19	1.6	2	48	11	0.87	<10	0.36	10		0.09	202	1	0.08	13
E778075	K-08-0175	27	29.35	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	<2	1430	0.46	<5	230	<0.5	<2	0.85	5.3	2	34	3	0.54	<10	0.12	10		0.04	635	<1	0.03	6
E778079	K-08-0175	34	35.76	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	335	1.82	9	290	<0.5	<2	3.3	0.9	4	46	14	1.47	<10	0.31	10		0.3	249	<1	0.14	17
E778078	K-08-0175	32.47	34	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	6	260	0.73	6	170	<0.5	<2	2.89	1.5	2	35	5	0.68	<10	0.18	10		0.08	254	<1	0.03	5
E778080	K-08-0175	35.76	36.33	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	69	2.93	14	180	<0.5	<2	2.93	<0.5	8	78	49	2.92	10	0.26	10		1.21	431	<1	0.07	33
E778082	K-08-0175	38.3	41.4	QTZT	QTZT	Non-Mineralized	N-AML	0.01	3.3	4	542	0.9	11	230	<0.5	<2	0.47	2.2	1	43	13	0.77	<10	0.25	10		0.08	361	<1	0.03	7
E778089	K-08-0175	57.41	59.98	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.2	130	239	0.69	<5	130	<0.5	<2	0.07	2.5	1	46	4	0.74	<10	0.15	10		0.07	244	<1	0.02	5
E778090	K-08-0175	59.98	62.03	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	12	729	2.32	5	490	0.7	<2	1.22	6.6	6	56	13	1.35	10	0.49	10		0.24	491	1	0.13	24
E778091	K-08-0175	62.03	63.58	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2	139	1220	0.88	21	200	<0.5	<2	0.28	10.2	4	47	7	1.05	<10	0.19	10		0.1	1940	<1	0.05	12
E778092	K-08-0175	63.58	66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	599	4.14	8	640	1.2	<2	0.54	3	6	82	13	2.15	10	0.72	20		0.37	449	<1	0.26	27
E778095	K-08-0175	69	72	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	451	2.56	<5	430	0.6	<2	0.09	3.4	3	62	12	2.08	<10	0.57	10		0.25	358	<1	0.07	13
E778097	K-08-0175	72	73.68	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	155	423	0.93	28	190	<0.5	<2	0.07	8.9	1	44	7	1.25	<10	0.24	10		0.07	455	<1	0.03	6
E778093	K-08-0175	66	69	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	4	662	1.4	<5	260	<0.5	<2	0.09	3	4	48	6	0.95	<10	0.3	10		0.11	523	<1	0.05	12
E778100	K-08-0175	74.86	76.5	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.2	567	1845	1.83	80	440	0.5	<2	0.08	58.8	1	55	37	2.54	<10	0.6	10		0.07	3820	<1	0.08	3
E778102	K-08-0175	77.95	79.11	QTZT	QTZT	Non-Mineralized	N-AML	0.01	4.2	797	3050	1.78	96	190	<0.5	<2	0.06	56.8	1	67	49	3.35	<10	0.61	10		0.08	5070	<1	0.05	6
E778104	K-08-0175	81.43	84.29	QTZT	QTZT	Non-Mineralized	N-AML	0.02	5.9	138	1520	2.34	156	220	0.6	8	0.09	19.3	3	74	179	4.59	<10	0.73	10		0.1	4500	<1	0.05	10
E778105	K-08-0175	84.29	86.1	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	98	1350	1.09	39	70	<0.5	2	0.07	16.8	2	51	38	3.02	<10	0.31	10		0.08	5570	<1	0.03	7
E778108	K-08-0175	87.48	88.08	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.9	190	3010	1.21	46	140	<0.5	4	0.14	43.4	2	55	59	2.65	<10	0.4	10		0.11	3770	1	0.02	7
E778109	K-08-0175	88.08	90.22	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	103	1660	1.65	71	210	<0.5	2	0.69	17.3	5	63	33	2.7	<10	0.5	10		0.16	4050	<1	0.03	15
E778115	K-08-0175	100	102.23	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	424	0.64	6	80	<0.5	<2	0.47	0.8	3	53	4	1.02	<10	0.16	<10		0.12	454	<1	0.02	8
E778114	K-08-0175	98.51	100	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	352	0.42	<5	50	<0.5	<2	0.22	0.5	2	62	3	0.62	<10	0.11	<10		0.06	340	<1	0.01	5
E778119	K-08-0175	108	109.78	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	7	1500	2.22	27	310	0.6	<2	1.97	1.3	6	63	9	1.67	<10	0.52	10		0.23	765	1	0.14	19
E778120	K-08-0175	109.78	110.89	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	2	762	2.42	11	470	0.5	<2	2.63	0.6	7	75	24	1.69	<10	0.64	10		0.54	476	2	0.1	22
E778117	K-08-0175	105	108	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	4	2070	1.17	15	170	<0.5	<2	1.55	5.4	5	63	9	1.19	<10	0.33	10		0.17	1230	1	0.03	13
E778116	K-08-0175	102.23	105	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	229	2.92	14	410	0.8	<2	1.41	0.5	7	68	10	1.78	10	0.6	10		0.26	251	<1	0.08	20
E778154	K-08-0175	150.48	151.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	1715	0.66	7	140	<0.5	<2	0.66	4.9	2	45	1	0.68	<10	0.22	10		0.07	532	<1	0.02	9
E778167	K-08-0177	30	31.26	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	3	165	1.31	<5	210	<0.5	<2	3.31	0.5	3	43	7	0.86	<10	0.22	10		0.18	92	1	0.13	12
E778166	K-08-0177	27	30	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.5	5	198	0.99	7	260	<0.5	<2	3.36	0.9	1	39	4	0.72	<10	0.27	10		0.16	113	<1	0.06	6
E778165	K-08-0177	24	27	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	3	688	1.13	<5	410	<0.5	<2	1.29	2.8	1	40	5	0.67	<10	0.31	10		0.08	277	<1	0.08	5
E778163	K-08-0177	21	24	QTZT	QTZT	Non-Mineralized	N-AML	0.01	3.2	20	1300	0.82	33	220	<0.5	<2	0.61	5.5	3	42	21	0.72	<10	0.24	10		0.03	922	1	0.04	10
E778162	K-08-0177	18	21	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	5	218	0.83	5	280	<0.5	<2	4.2	<0.5	2	36	10	0.6	<10	0.19	10		0.13	162	1	0.06	8
E778161	K-08-0177	15	18	QTZT	QTZT	Non-Mineralized	N-AML	0.05	0.5	7	229	0.51	11	150	<0.5	<2	0.9	0.8	<1	36	16	0.53	<10	0.15	10		0.09	121	1	0.02	5
E778160	K-08-0177	12	15	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.8	6	83	0.82	10	210	<0.5	2	1.42	<0.5	1	44	3	0.64	<10	0.22	10		0.03	93	1	0.03	9
E778159	K-08-0177	9	12	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	5	48	0.98	6	190	<0.5	2	1.87	<0.5	1	47	5	0.78	<10	0.24	10		0.05	80	2	0.04	9
E778158	K-08-0177	6	9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	31	0.61	6	110	<0.5	2	6.46	<0.5	<1	31	3	0.57	<10	0.12	10		0.12	129	2	0.03	7
E778157	K-08-0177	3.05	6	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	7	73	0.92	6	170	<0.5	<2	3.64	<0.5	1	42	5	0.95	<10	0.16	10		0.07	166	1	0.04	12
E778169	K-08-0177	31.26	32.59	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	<2	63	1.81	5	190	<0.5	<2	1.89	<0.5	3	61	18	1.45	<10	0.22	10		0.46	186	<1	0.14	17
E778172	K-08-0177	37	40	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	119	2.07	<5	380	0.5	<2	2.43	<0.5	3	44	7	1.33	10	0.45	10		0.19	146	<1	0.07	12
E778175	K-08-0177	45	47.79	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	9	128	3.01	<5	450	0.8	<2	2.75	0.5	4	64	9	1.61	10	0.52	20		0.27	145	<1	0.15	18
E778173	K-08-0177	40	43	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	8	148	2.37	9	410	0.6	<2	3.87	<0.5	3	48	8	1.43	<10	0.46	10		0.22	133	<1	0.09	14
E778171	K-08-0177	34	37	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	59	0.47	<5	120	<0.5	2	0.7	<0.5	1	38	3	0.47	<10	0.14	10		0.05	104	<1	0.01	4
E778170	K-08-0177	32.59	34	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	8	139	3.55	<5	770	1	<2	0.85	<0.5	4	57	12	1.63	10	0.88	20		0.26	90	<1	0.24	14
E778174	K-08-0177	43	45	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	7	172	1.87	<5	240	<0.5	<2	2.69	0.5	3	45	8	1.74	<10	0.28	10		0.18	162	1	0.07	12
E778179	K-08-0177	52.96	55.57	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	5	339	1.25	<5	270	<0.5	2	1.27	1.7	3	44	6	0.95	<10	0.19	10		0.16	203	<1	0.13	13
E778181	K-08-0177	56.73	58.03	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	70	0.78	<5	160	<0.5	<2	0.22	<0.5	2	33	3	0.72	<10	0.16	10		0.08	82	<1	0.03	6
E778183	K-08-0177	58.93	60.98	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	2	412	1.17	<5	270	<0.5	<2	1.36	1.4	3	37	8	0.86	<10	0.24	10		0.14	232	<1	0.11	10
E778186	K-08-0177	66	67.74	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	499	0.89	6	170	<0.5	<2	0.86	5	2	44	5	0.7	<10	0.13	10		0.14	364	<1	0.1	9
E778185	K-08-0177	63.52	66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	376	0.83	9	190	<0.5	<2	0.52	3.5	3	35	4	0.66	<10	0.12	10		0.09	283	<1	0.11	9
E778195	K-08-0177	77	80	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	5	1215	1.49	22	380	<0.5	<2	0.56	1.6	3	51	10	0.88	<10	0.41	10		0.18	512	1	0.08	17
E778191	K-08-0177	70.49	71.51	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	105	1.07	<5	220	<0.5	2	1.99	<0.5	2	42	14	0.91	<10	0.26	10		0.17	134	1	0.02	9
E778193	K-08-0177	74	77	QTZT	QTZT	Non-Mineralized	N-AML	0.06	<0.5	3	290	1.21	7	260	<0.5	<2	2.19	1	2	48	18	1.12	<10	0.23	10		0.22	269	1	0.08	14
E778192	K-08-0177	71.51	74	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	4	172	2.12	<5	390	0.6	<2	2.32	<0.5	3	56	15	1.31	10	0.53	20		0.25	178	<1	0.12	15
E778197	K-08-0177	82.05	85	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	6	1705	0.51	46	70	<0.5	<2	2.4	5	2	34	6	0.84	<10	0.08	10		0.14	956	<1	0.03	9
E778198	K-08-0177	85	86.78	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	596	3.03	11	510	0.7	<2	1.98	2.3	7	56	34	2.22	10	0.61	20		0.59	571	<1	0.2	24

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E778206	K-08-0177	96.98	97.98	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	112	1495	1.61	40	100	0.6	<2	0.11	11.6	2	52	6	3.7	<10	0.39	10		0.14	9940	1	0.07	12
E778205	K-08-0177	96	96.98	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	78	1725	1.65	41	230	<0.5	3	0.11	8.7	4	57	5	1.21	<10	0.6	10		0.05	3220	1	0.04	14
E778203	K-08-0177	94.26	96	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	39	1415	1.42	53	200	<0.5	<2	0.06	6.6	2	49	1	1.06	<10	0.5	10		0.04	2480	<1	0.04	9
E778225	K-08-0177	125.36	127.08	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.8	386	4850	1.09	8	370	<0.5	<2	0.12	58.5	3	45	28	2.86	<10	0.29	10		0.26	4370	1	0.02	15
E778234	K-08-0177	138.5	139.55	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.6	58	330	8.5	24	1200	2.7	<2	1.14	1.7	12	134	19	3.71	20	2.45	40		0.51	936	1	0.32	60
E778236	K-08-0177	139.55	141.05	QTZT	QTZT	Non-Mineralized	N-AML	0.05	0.8	125	1135	2.38	9	350	0.7	<2	1.46	8.8	3	61	12	1.44	<10	0.78	20		0.2	954	1	0.06	15
E778237	K-08-0177	141.05	143.55	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	15	696	1.5	7	220	<0.5	<2	4.97	1.8	3	51	9	1.15	<10	0.41	20		0.25	406	1	0.05	16
E778242	K-08-0177	148	151.09	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.4	253	3250	1.1	<5	120	<0.5	4	0.64	43.1	2	55	30	1.56	<10	0.31	10		0.16	989	1	0.02	11
E778243	K-08-0177	151.09	153.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	1485	0.93	<5	130	<0.5	<2	2.41	3.6	3	43	4	0.92	<10	0.29	10		0.19	526	1	0.02	10
E778233	K-08-0177	137	138.5	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.2	202	3510	1.11	<5	140	<0.5	<2	2.3	14.6	5	55	15	1.32	<10	0.31	10		0.17	2050	1	0.02	15
E778232	K-08-0177	135.5	137	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	133	3070	1.25	<5	160	<0.5	2	0.12	30.9	3	57	12	1.82	<10	0.42	10		0.12	3030	1	0.03	12
E778246	K-08-0177	157.7	158.93	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	11	324	3.25	<5	540	0.9	<2	2.74	<0.5	5	67	12	2.01	10	0.8	20		0.38	347	1	0.13	23
E778245	K-08-0177	155.89	157.7	QTZT	QTZT	Non-Mineralized	N-AML	0.03	0.5	33	461	0.39	<5	40	<0.5	<2	0.16	5.2	1	36	6	1.2	<10	0.14	10		0.07	1415	1	0.01	4
E778248	K-08-0177	158.93	161.93	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	963	0.97	<5	160	<0.5	2	1.23	9.3	2	45	7	0.97	<10	0.25	10		0.17	255	1	0.02	8
E778249	K-08-0177	161.93	164.82	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	21	214	3.44	11	570	0.9	<2	1.09	2	6	62	20	2.23	10	0.82	20		0.32	393	1	0.1	24
E778257	K-08-0177	178.83	180.86	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	41	1.23	5	240	<0.5	<2	1.21	<0.5	3	51	5	1.11	<10	0.32	10		0.2	186	1	0.03	8
E778256	K-08-0177	175.82	178.83	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.7	16	725	2.06	<5	330	0.6	<2	1.14	9.9	3	61	16	1.58	<10	0.52	20		0.24	442	1	0.05	16
E778255	K-08-0177	172.82	175.82	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	27	54	1.03	7	180	<0.5	<2	1.28	<0.5	2	59	10	1	<10	0.29	10		0.17	196	1	0.03	9
E778253	K-08-0177	169.82	172.82	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	8	42	1.49	<5	240	<0.5	<2	1.5	<0.5	3	54	6	1.21	<10	0.44	10		0.19	152	1	0.03	12
E778252	K-08-0177	167.58	169.82	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	59	2.41	<5	390	0.6	<2	1.07	<0.5	4	59	7	1.63	10	0.58	20		0.25	149	1	0.05	15
E778251	K-08-0177	166.51	167.58	QTZT	QTZT	Non-Mineralized	N-AML	0.05	1.4	69	2890	2.89	12	560	1.1	2	0.13	37.5	3	57	26	2.16	10	0.73	20		0.16	1105	1	0.12	17
E778250	K-08-0177	164.82	166.51	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	32	238	2.42	8	430	0.7	<2	0.14	2.7	4	65	21	1.94	10	0.5	10		0.17	290	1	0.09	20
E778261	K-08-0177	186.3	189.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	30	1.99	9	330	0.5	<2	1.42	<0.5	4	53	8	1.27	<10	0.5	10		0.24	109	1	0.07	12
E778260	K-08-0177	183.3	186.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	26	1.38	9	230	<0.5	<2	1.12	<0.5	2	50	6	1.11	<10	0.39	10		0.17	116	1	0.04	9
E778264	K-08-0177	194.81	197.82	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	5	26	1.11	5	150	<0.5	<2	1.25	<0.5	2	46	6	1	<10	0.25	10		0.19	104	1	0.05	9
E778266	K-08-0177	197.82	199.39	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	8	54	1.88	8	250	0.5	<2	1.29	<0.5	3	56	8	1.3	<10	0.4	10		0.25	129	<1	0.07	14
E778267	K-08-0177	199.39	201.2	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	34	2.11	7	280	0.5	<2	1.96	<0.5	4	53	9	1.61	<10	0.38	20		0.31	164	1	0.09	14
E778271	K-08-0177	206.56	208.35	QTZT	QTZT	Non-Mineralized	N-AML	0.02	<0.5	3	13	0.32	7	50	<0.5	<2	1.71	<0.5	1	34	3	0.67	<10	0.09	10		0.06	171	1	0.01	3
E778270	K-08-0177	203.56	206.56	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	2	16	0.62	13	90	<0.5	<2	0.42	<0.5	2	40	7	0.69	<10	0.14	10		0.1	83	<1	0.02	5
E756854	K-10-0241	45.49	47.24	QTZT	QTZT	Non-Mineralized	N-AML	<0.002	<0.5	5	85	1.25	3	270	0.5	<1	0.39	<0.5	3.2	510	4.1	1.14	<5	0.4	7	12	0.14	208	3.3	0.05	12.4
E756855	K-10-0241	47.24	48.62	QTZT	QTZT	Non-Mineralized	N-AML	<0.002	<0.5	5	135	0.6	2	119	<0.5	<1	2.86	0.7	2.3	441	10.3	0.82	<5	0.18	5	5	0.13	659	3.1	0.02	5.5
E756857	K-10-0241	50.94	52.97	QTZT	QTZT	Non-Mineralized	N-AML	0.007	2.1	286	951	0.74	17	96	<0.5	<1	0.24	10.9	3.6	741	36.3	2.83	<5	0.28	6	3	0.1	7480	4.7	0.01	19
E756866	K-10-0241	62.02	63.33	QTZT	QTZT	Non-Mineralized	N-AML	0.003	1.7	62	340	0.46	6	63	<0.5	<1	0.1	3	2.1	741	6.4	1.87	<5	0.18	5	1	0.08	5130	4.5	0.01	11.4
E756867	K-10-0241	63.33	64.33	QTZT	QTZT	Non-Mineralized	N-AML	0.002	1.4	102	359	0.48	5	73	<0.5	<1	0.28	3.4	2.5	546	3.8	1.27	<5	0.18	6	2	0.11	3050	4.1	0.02	6.1
E756864	K-10-0241	60.04	62.02	QTZT	QTZT	Non-Mineralized	N-AML	0.006	0.6	110	516	0.61	10	90	<0.5	<1	0.16	3.9	2.4	429	9	1.89	<5	0.23	6	2	0.11	5620	3	0.01	8.7
E756863	K-10-0241	58.29	60.04	QTZT	QTZT	Non-Mineralized	N-AML	0.002	<0.5	42	270	0.47	4	75	<0.5	<1	0.32	1.5	2	407	2.3	1.27	<5	0.16	5	2	0.12	2470	3.8	0.01	5.4
E756880	K-10-0241	78.25	79.25	QTZT	QTZT	Non-Mineralized	N-AML	0.003	<0.5	129	848	2.56	18	497	<0.5	<1	0.32	10.3	3.8	376	8.9	2.98	<5	1.04	3	6	0.21	8710	3.7	0.09	20.6
E756907	K-10-0241	104.14	104.8499	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	338	1.43	16	190	<0.5	<2	0.23	1.3	2	76	5	1.07	<10	0.5	20		0.09	358	2	0.04	7
E756906	K-10-0241	102.4	104.14	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	89	990	1.98	26	240	0.6	<2	0.16	6	2	68	6	2.38	<10	0.7	20		0.14	2780	1	0.06	6
E756905	K-10-0241	101.8	102.4	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	25	1670	0.68	36	100	<0.5	<2	0.03	8.6	1	70	4	1.43	<10	0.24	10		0.03	1125	2	0.02	3
E756921	K-10-0244	91.21	92.96	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.64	135	1030	0.73	172	110	0.2	0.89	0.08	10.15	1.4	50	24.7	3.09	2.29	0.24	8.4	2.4	0.07	7420	2.08	0.02	3.8
E756922	K-10-0244	92.96	94.32	QTZT	QTZT	Non-Mineralized	N-AML	0.04	2.45	88.7	3410	0.83	1935	50	0.22	3.01	0.11	32.9	5.5	31	21.7	8.64	3.76	0.23	12.4	2.6	0.19	24900	1.16	0.03	5.9
E756963	K-10-0245	115.72	117.099	QTZT	QTZT	Non-Mineralized	N-AML	<0.002	<0.5	14	2990	1.26	3	330	<0.5	<1	0.3	3.2	6.1	501	11	1.64	<5	0.47	9	7	0.24	1490	4.4	0.05	16.7
E773056	K-10-0247	62.03	63.22	QTZT	QTZT	Non-Mineralized	N-AML	<0.002	<0.5	4	187	0.35	2	59	<0.5	<1	0.55	1.3	1.7	448	3.4	0.68	<5	0.11	4	4	0.1	274	4.2	<0.01	6.8
E773055	K-10-0247	61.23	62.03	QTZT	QTZT	Non-Mineralized	N-AML	<0.002	<0.5	8	166	0.44	1	84	<0.5	<1	0.44	0.5	1.8	447	3.5	0.69	<5	0.13	5	4	0.09	334	4.8	<0.01	7.4
E756965	K-10-0248	0	3.54	QTZT	QTZT	Non-Mineralized	N-AML	0.003	<0.5	58	628	1.84	12	147	<0.5	<1	1.41	3.1	10.5	414	31.1	2.33	<5	0.25	8	28	0.63	1950	3.1	0.1	27.7
E756994	K-10-0248	46.63	48.54	QTZT	QTZT	Non-Mineralized	N-AML	0.003	<0.5	9	351	2.74	16	540	0.9	<1	1.73	1.1	4.1	186	7.7	1.78	8	0.83	6	21	0.37	413	2.5	0.11	14.5
E756995	K-10-0248	48.54	50.59	QTZT	QTZT	Non-Mineralized	N-AML	0.004	<0.5	6	563	1.19	11	216	<0.5	<1	3.03	1.7	2.5	279	4.4	1.19	<5	0.34	7	16	0.21	710	2.5	0.04	8.1
E756997	K-10-0248	50.59	51.13	QTZT	QTZT	Non-Mineralized	N-AML	<0.002	<0.5	5	1930	0.54	16	125	<0.5	<1	1.51	3.3	2.8	287	2.5	0.82	<5	0.19	6	4	0.13	1700	2.8	0.02	9.7
E757038	K-10-0248	107.44	109.13	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.5	253	1180	0.51	50	80	<0.5	3	0.11	13.8	1	47	4	2.76	<10	0.16	20		0.08	6810	2	0.02	4
E757036	K-10-0248	106.06	107.44	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.8	114	1410	1.11	73	210	<0.5	3	0.11	11.4	4	71	4	3.37	<10	0.38	30		0.1	8260	3	0.03	8
E757035	K-10-0248	104.39	106.06	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.3	153	1325	1.35	49	220	<0.5	2	0.16	14.4	2	61	6	2.72	<10	0.48	30		0.13	6070	2	0.04	9
E757034	K-10-0248	102.8	104.39	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.9	117	1310	4.34	71	610	1.3	2	0.18	16.5	6	85	14	3.25	10	1.48	40		0.21	4520	2	0.1	25
E757033	K-10-0248	101.35	102.8	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2	86	4220	1.05	56	130	<0.5	2	0.09	63.6	2	61	27	1.75	<10	0.37	30		0.07	3380	2	0.02	5
E757031	K-10-0248	100.1	101.35	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.6	98	3880	0.66	75	70	<0.5	3	0.05	52.3	1	61	29	1.79	<10	0.22	20		0.04	3370	3	0.02	5
E757045	K-10-0248	115.32	116.59	QTZT	QTZT	Non-Mineralized	N-AML	0.007	1.1	33	4750	0.56	4	67	<0.5	<1	0.11	23.7	2.3	452	14	2.51	<5	0.22	6	2	0.07	10100	4.5	0.01	8.3
E757049	K-10-0248	119.34	120.36	QTZT	QTZT	Non-Mineralized	N-AML	0.062	1.8	234	2150	1.95	312	20	0.9	3	0.16	14.1	43.7	955	13.9	5.92	9	0.27	16	4	0.27	14000	6.3	0.16	41.7
E757047	K-10-0248	118.24	119.34	QTZT	QTZT	Non-Mineralized	N-AML	<0.002	<0.5	43	1030	0.51	8	11	<0.5	<1	0.06	1000	1.8	510	3.1	1.63	<5	0.13	8	4	0.07	6070	3.8	0.02	6.5
E757058	K-10-0248	128.9	130.21	QTZT	QTZT	Non-Mineralized	N-AML	0.004	0.5	38	2350	0.49	2	63	<0.5	<1	0.05	14.3	2.3	565	14.7	2.13	<5	0.19	3	<1	0.06	5990	4.4	<0.01	10
E757057	K-10-0248	127.71	128.9	QTZT	QTZT	Non-Mineralized	N-AML	0.015	0.6	108	3240	0.86	2	138	<0.5	<1	0.1	19.7	2.7	468	14	1.63	<5	0.33	3	2	0.06	3960	4.4	0.02	10.8
E757063a	K-10-0248	136.25	137.58	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.38	28.1	2900	3.5	18.4	370	0.87	0.12	1.51	65.2	5.7	68	11.7	2.21	8.16	1.02	20.4	16.1	0.62	1220	0.54	0.08	21.5
E757062a	K-10-0248	134.54	136.25	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.35	23.8	4510	3.94	18.3	450	1.3	0.14	0.78	56	6.9	81	12.3	1.95	9.93	1.15	23.7	15.2	0.34	1610	0.69	0.1	25.9
E757061a	K-10-0248	133.2	134.54	QTZT	QTZT	Non-Mineralized	N-AML	0.02	0.82	76.6	2140	0.67	34	60	0.19	0.31	0.45	27.7	2.2	40	17.8	1.62	2.12	0.23	7.3	1.1	0.12	2990	0.22	0.02	6.3
E773129	K-10-0249	136.04	136.88	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	194	1950	0.44	17	40	<0.5	<2	1.98	27.4	2	70	2	2.06	<10	0.18	20		0.73	3690	3	0.01	3
E773130	K-10-0249	136.88	138.49	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	179	1285	0.78	20	90	<0.5	<2	1.32	17.9	2	59	3	1.43	<10	0.3	20		0.45	2220	2	0.03	5
E773138	K-10-0249	144.63	145.55	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	10	1475	0.32	5	<10	<0.5	<2	0.85	5.4	2	67	1	1.06	<10	0.02	10		0.41	670	3	<0.01	2
E773139	K-10-0249	145.55	146.52	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	396	0.31	6	10	<0.5	<2	0.48	3.6	1	73	1	0.62	<10	0.08	20		0.2	356	4	0.01	<1
E773137	K-10-0249	143.75	144.63	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	5	2940	0.32	5	<10	<0.5	<2	1.61	9.6	4	55	2	1.51	<10	<0.01	10		0.69	1390	3	<0.01	6
E773136	K-10-0249	142.55	143.75	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	91	0.49	<5	50	<0.5	<2	0.04	1.2	1	66	2	0.43	<10	0.16	20		0.06	82	3	0.01	3
E773141	K-10-0249	146.52	147.22	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	22	429	0.47	13	20	<0.5	<2	0.51	6.1	1	74	5	0.91	<10	0.09	20		0.28	270	3	0.01	1

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E757149	K-10-0253	69.72	71.23	QTZT	QTZT	Non-Mineralized	N-AML	<0.002	0.8	11	1900	0.64	5	211	<0.5	<1	0.55	8.3	3.1	523	5.7	0.92	<5	0.2	8	15	0.13	975	4.5	0.02	11
E757151	K-10-0253	71.23	73.29	QTZT	QTZT	Non-Mineralized	N-AML	<0.002	<0.5	4	101	0.38	1	77	<0.5	<1	0.39	0.6	2.2	521	3.9	0.7	<5	0.11	5	11	0.1	121	3.7	<0.01	6.8
E773615	K-10-0254	115.14	116.78	QTZT	QTZT	Non-Mineralized	N-AML	0.03	1.7	163.5	4350	0.52	291	40	0.13	0.66	0.3	29.1	3.4	45	25.5	4.67	1.93	0.17	6.5	1.3	0.19	6500	0.29	0.01	6.4
E773614	K-10-0254	114.29	115.14	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.65	316	4820	0.74	107.5	110	0.18	0.22	0.16	23.9	2.4	42	16.7	2.64	2.26	0.25	9.2	2.1	0.08	4430	0.36	0.02	6.6
E773216	K-10-0256	88.27	89.3	QTZT	QTZT	Non-Mineralized	N-AML	0.05	10.8	201	3550	0.95	330	60	<0.5	<2	0.06	55.4	<1	63	53	2.45	<10	0.21	10		0.05	2220	3	0.04	1
E773217	K-10-0256	89.3	90.67	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1.9	68	1705	1.83	154	220	0.6	<2	0.03	34.8	1	74	17	1.47	10	0.62	10		0.04	1130	3	0.06	2
E773251	K-10-0262	42.63	44.47	QTZT	QTZT	Non-Mineralized	N-AML	<0.002	1.3	348	2320	0.86	24	176	<0.5	<1	0.15	59	2.4	388	14.9	3.25	<5	0.32	6	3	0.14	11000	4.3	0.02	7.7
E773250	K-10-0262	40.78	42.63	QTZT	QTZT	Non-Mineralized	N-AML	<0.002	1.4	62	3350	0.76	23	165	<0.5	<1	1.08	36.2	4.7	396	18.7	1.86	<5	0.23	8	6	0.13	3200	5	0.02	11.2
E773253	K-10-0262	44.47	45.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.002	0.9	170	1050	0.78	32	186	<0.5	<1	0.05	17	1.8	401	16.7	1.98	<5	0.3	7	2	0.05	2670	4.1	0.02	6.1
E775030	K-10-0265	74.22	75.38	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	5.6	598	4260	1.41	217	500	<0.5	<2	0.07	37.1	2	56	57	4.64	<10	0.56	20		0.13	9600	1	0.02	5
E775029	K-10-0265	72.64	74.22	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.5	349	3340	0.65	141	210	<0.5	<2	0.09	44.9	1	41	31	1.6	<10	0.27	20		0.09	4030	2	0.01	2
E775031	K-10-0265	75.38	76.96	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	6.1	531	2430	4.08	161	2040	1.2	3	0.11	54.1	4	77	85	3.64	10	1.51	30		0.41	3500	2	0.06	17
E773867	K-10-0314	101	102.04	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.6	127	319	0.66	289	10	<0.5	<2	0.07	10.2	4	30	212	1.94	<10	0.08	20		0.18	291	2	<0.01	8
E773866	K-10-0314	100.13	101	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	17	158	1.27	19	270	<0.5	<2	0.03	1	2	34	71	1.27	<10	0.36	20		0.12	69	1	0.05	6
E773864	K-10-0314	98.13	99.13	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	12	537	2.33	17	400	0.5	<2	0.22	4.5	8	49	12	2.03	10	0.56	30		0.38	1095	1	0.09	17
E773865	K-10-0314	99.13	100.13	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.4	21	341	0.76	16	80	<0.5	<2	0.05	6.8	4	37	33	1.77	<10	0.11	20		0.19	303	1	0.04	10
E773872	K-10-0314	103.54	104.48	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	<2	124	7.4	14	2830	2.2	3	0.67	0.7	15	103	34	3.25	20	3.08	50		0.69	367	2	0.31	55
E773880	K-10-0314	109.88	110.17	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	59	1.3	<5	290	<0.5	<2	0.13	0.6	6	24	40	1.26	<10	0.32	20		0.29	122	1	0.02	15
E773886	K-10-0314	113.35	113.68	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.9	36	486	0.47	14	40	<0.5	<2	0.08	5.4	2	17	5	0.6	<10	0.14	10		0.06	617	1	0.01	4
E773891	K-10-0314	116.99	118	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	5.4	884	3130	3.57	48	680	1.1	<2	0.22	31.4	7	82	48	2.93	10	0.97	20		0.34	4750	6	0.22	43
E773894	K-10-0314	118.9	119.6	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	6.4	195	583	5.2	81	960	1.4	<2	0.15	5.9	5	73	43	1.98	10	1.66	30		0.15	3340	4	0.34	41
E773892	K-10-0314	118	118.9	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.3	258	971	2.26	35	400	0.6	<2	0.08	12.4	3	40	39	1.17	<10	0.71	20		0.07	1760	<1	0.12	19
E773905	K-10-0314	131.45	132.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1	18	123	0.26	178	40	<0.5	2	0.02	1.1	<1	30	9	0.62	<10	0.1	10		0.01	1075	<1	0.01	2
E773904	K-10-0314	130.45	131.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.8	20	152	0.26	260	30	<0.5	<2	0.02	1.2	<1	27	5	1.01	<10	0.09	10		0.01	1555	<1	0.01	2
E773907	K-10-0314	133.45	134.11	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	52	360	0.4	<5	90	<0.5	<2	0.04	3.4	<1	22	5	0.42	<10	0.14	10		0.02	645	<1	0.01	2
E773910	K-10-0314	136.07	137.16	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	6	37	0.44	641	50	<0.5	<2	0.02	<0.5	1	27	2	0.43	<10	0.11	10		0.02	266	<1	0.02	2
E773911	K-10-0314	137.16	137.4	QTZT	QTZT	Non-Mineralized	N-AML	0.03	<0.5	5	27	0.37	1280	50	<0.5	2	0.02	<0.5	2	31	3	0.82	<10	0.1	10		0.02	147	<1	0.01	5
E773909	K-10-0314	134.11	136.07	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	32	143	1.13	264	140	<0.5	<2	0.05	1.3	2	44	9	1.87	<10	0.3	10		0.09	1505	<1	0.04	8
E773906	K-10-0314	132.45	133.45	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	11	432	0.29	9	10	<0.5	<2	0.05	3.7	<1	34	2	0.96	<10	0.11	10		0.01	1350	<1	<0.01	2
E773914	K-10-0314	140.21	142.85	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	17	68	0.33	67	30	<0.5	<2	0.02	0.7	2	32	5	0.83	<10	0.09	10		0.02	1490	<1	0.01	4
E773919	K-10-0314	148.17	149.91	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	15	0.33	<5	70	<0.5	<2	0.05	<0.5	1	29	2	0.46	<10	0.09	10		0.03	93	<1	0.01	2
E773917	K-10-0314	146.3	148.17	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	148	0.55	21	70	<0.5	<2	0.03	1.5	1	36	6	1	<10	0.11	10		0.04	210	<1	0.02	5
E773920	K-10-0314	149.91	151.29	QTZT	QTZT	Non-Mineralized	N-AML	0.04	<0.5	4	32	0.21	<5	30	<0.5	<2	0.05	0.6	<1	31	2	0.31	<10	0.06	10		0.02	133	<1	0.01	2
E773921	K-10-0314	151.29	152.63	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	2	38	0.34	6	30	<0.5	<2	0.08	0.5	1	38	2	0.37	<10	0.05	<10		0.05	132	<1	0.01	3
E773922	K-10-0314	152.63	153.44	QTZT	QTZT	Non-Mineralized	N-AML	0.01	<0.5	3	27	0.22	14	30	<0.5	<2	0.02	<0.5	1	32	1	0.34	<10	0.04	<10		0.01	105	<1	0.01	3
E773925	K-10-0314	155.63	156.97	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	7	30	0.81	7	100	<0.5	4	0.04	0.5	1	34	1	0.49	<10	0.19	10		0.05	102	<1	0.02	6
E004128	K-11-0331	63.46	65.14	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	116	615	1.03	25	150	<0.5	<2	0.09	9.5	1	49	6	1.98	<10	0.37	20		0.05	1590	1	0.02	5
E773806	K-10-0306	80.05	81.44	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.91	461	4180	0.43	131.5	70	0.12	3.13	0.08	78.6	1.1	39	47.3	2.65	1.79	0.16	9.9	6	0.04	3290	0.39	0.01	2.8
E773804	K-10-0306	78.58	80.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.58	88.6	3450	0.71	63.6	90	0.2	1.3	0.08	22.8	1.1	38	44.3	2.05	2.43	0.19	11.4	9.8	0.05	929	0.59	0.01	3.7
E773807	K-10-0306	81.44	82.66	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.15	71.3	1340	0.66	36.3	90	0.11	1.13	0.06	18.85	0.6	52	20.1	1.4	2.02	0.2	10.4	10.7	0.05	513	0.43	0.01	2.1
E782260	K-10-0308	129	129.7	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.17	15.3	668	0.6	6.4	80	0.12	0.11	0.05	3.59	0.8	26	4.9	0.79	2.06	0.21	7.9	3.2	0.03	780	0.22	0.01	3.3
E782259	K-10-0308	127.94	129	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.23	18.2	927	0.54	7.1	60	0.13	0.1	0.05	7.37	0.9	27	4.3	0.88	1.83	0.19	8.4	5.5	0.04	1670	0.13	<0.01	2.9
E774666	K-10-0309	96.01	97.88	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.26	279	1320	0.47	31.8	70	0.1	0.03	0.23	17.25	1.4	45	4.1	1.13	1.68	0.14	9.6	3.4	0.08	3530	0.2	<0.01	4.2
E774665	K-10-0309	94.36	96.01	QTZT	QTZT	Non-Mineralized	N-AML	0.19	2.25	186	429	0.37	23.4	50	0.1	0.04	0.1	4.99	1	37	17.4	1.46	1.53	0.1	7.6	3.4	0.07	4660	0.19	<0.01	3.3
E782304	K-10-0316	54.3	56.3	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.5	8	24	0.49	<5	60	<0.5	<2	0.05	<0.5	1	28	3	0.45	<10	0.12	10		0.03	39	<1	0.01	3
E782306	K-10-0316	58.4	60.21	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.9	28	148	1.79	9	340	0.5	<2	0.06	1.3	1	46	11	1.56	<10	0.36	10		0.05	1235	<1	0.04	4
E782311	K-10-0317	27.42	30.2	QTZT	QTZT	Non-Mineralized	N-AML	0.01	4.2	70	5	0.23	12	80	<0.5	<2	0.01	<0.5	<1	33	3	0.34	<10	0.08	10		0.01	41	<1	0.01	<1
E782312	K-10-0317	56.39	58.31	QTZT	QTZT	Non-Mineralized	N-AML	0.03	0.5	29	32	0.37	26	70	<0.5	<2	0.02	<0.5	1	32	8	0.9	<10	0.09	10		0.01	60	<1	0.01	1
E782314	K-10-0317	58.31	60	QTZT	QTZT	Non-Mineralized	N-AML	0.02	1	17	11	0.68	8	130	<0.5	<2	0.03	<0.5	1	42	4	0.43	<10	0.14	10		0.02	35	<1	0.03	<1
E782315	K-10-0317	68.58	72.1	QTZT	QTZT	Non-Mineralized	N-AML	0.04	0.8	20	75	1.74	19	260	0.6	<2	0.04	0.8	<1	50	26	1.58	<10	0.46	10		0.06	536	<1	0.03	3
E782318	K-10-0317	161.84	163.9	QTZT	QTZT	Non-Mineralized	N-AML	0.01	1.2	361	262	0.46	51	70	<0.5	<2	0.04	2.1	3	30	4	0.82	<10	0.11	10		0.02	931	<1	0.01	6
E782320	K-10-0317	164.25	165.04	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	20	254	3.02	19	340	0.5	<2	1.35	1.5	9	41	22	2.27	10	0.41	10		0.56	516	<1	0.18	17
E782324	K-10-0317	176.85	178.64	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	4	85	0.32	17	30	<0.5	<2	0.08	0.5	1	26	1	0.42	<10	0.06	10		0.04	296	<1	0.02	2
E774756	K-10-0318	157.77	158.56	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	0.7	30	518	6.33	75	390	0.8	<2	0.14	4.5	15	68	25	8.14	20	1.22	20		1.43	3230	<1	0.08	45
E774761	K-10-0318	177.75	179.05	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	24	139	0.75	10	130	<0.5	2	0.06	1.3	1	34	2	0.57	<10	0.27	20		0.04	665	<1	0.02	7
E774762	K-10-0318	230.72	231.99	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.3	89	412	1.01	1220	150	<0.5	3	0.1	4.6	2	34	19	3.27	<10	0.37	20		0.09	8580	1	0.03	6
E774902	K-10-0322	129.1	130.84	QTZT	QTZT	Non-Mineralized	P-AML	<0.01	0.7	33	312	4.95	147	770	0.8	5	0.22	4.1	12	60	57	5.09	10	0.7	20		1.41	1905	<1	0.16	36
E774903	K-10-0322	130.84	132.43	QTZT	QTZT	Non-Mineralized	N-AML	0.12	19.6	154	451	0.72	3090	80	<0.5	12	0.07	11.3	2	19	640	7.44	<10	0.12	10		0.13	16950	<1	0.01	5
E774905	K-10-0322	132.66	134.11	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.3	22	63	0.43	530	70	<0.5	3	0.01	2.2	1	21	30	0.67	<10	0.1	10		0.02	176	<1	0.01	2
E774907	K-10-0322	134.11	135.71	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	1.1	18	35	0.32	486	40	<0.5	3	0.03	1.2	1	30	20	1.21	<10	0.08	10		0.02	2360	<1	0.01	4
E774908	K-10-0322	135.71	137.54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	40	61	1.49	107	190	<0.5	2	0.03	0.9	<1	39	26	1.16	<10	0.29	10		0.14	96	<1	0.08	6
E000103	K-11-0324	22.83	23.62	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.5	196	2330	1.81	13	190	0.5	<2	0.03	48.4	1	45	26	2.4	<10	0.6	20		0.05	5320	<1	0.06	4
E000102	K-11-0324	21.64	22.83	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	3.7	212	4140	0.76	17	60	<0.5	2	0.03	76.8	2	34	41	2.34	<10	0.27	10		0.02	5980	<1	0.02	2
E000119	K-11-0324	41.54	42.6	QTZT	QTZT	Non-Mineralized	N-AML	0.02	5.9	446	1830	1.33	196	110	0.5	3	0.02	20.5	1	39	116	2.95	<10	0.33	20		0.05	3480	<1	0.04	3
E000017	K-11-0325	54.35	55.72	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.2	210	532	0.98	26	90	<0.5	<2	0.02	11.4	<1	36	38	1.62	<10	0.28	20		0.07	695	<1	0.03	1
E000023	K-11-0325	60.96	62.56	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	<0.5	49	2950	1.22	52	20	<0.5	<2	0.07	22.5	1	32	21	3.47	10	0.35	30		0.1	6750	<1	0.03	2
E000025	K-11-0325	62.56	63.67	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	50	1480	1.07	27	140	<0.5	<2	0.09	14.1	<1	38	57	1.7	<10	0.35	30		0.06	2750	<1	0.03	2
E000027	K-11-0325	64.01	65.4	QTZT	QTZT	Non-Mineralized	N-AML	0.01	4.3	124	315	0.52	161	50	<0.5	4	0.07	16.6	1	34	25	1.29	<10	0.16	10		0.04	90	<1	0.02	1
E000044	K-11-0325	78	79.1	QTZT	QTZT	Non-Mineralized	N-AML	0.01	2.3	86	4330	1.04	326	300	<0.5	4	0.04	61.3	2	30	37	1.66	<10	0.39	10		0.08	2190	<1	0.02	2
E004001	K-11-0327	89.61	90.53	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.6	43	3560	0.46	10	60	<0.5	2	0.05	46.9	1	34	16	1.63	<10	0.15	10		0.06	2330	<1	0.02	4

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E004028	K-11-0327	111.46	112.17	QTZT	QTZT	Non-Mineralized	N-AML	0.03	1	202	3610	0.61	7	30	<0.5	<2	0.08	39.1	1	38	12	2.38	<10	0.22	10		0.09	4670	<1	0.01	3
E000004	K-11-0328	9.14	9.54	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	10.2	604	1950	1.31	66	80	<0.5	2	0.04	37.6	1	40	116	3.82	<10	0.38	20		0.07	2650	<1	0.04	3
E000008	K-11-0328	34.75	35.58	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	2.8	72	277	0.68	63	60	<0.5	<2	0.02	2.7	1	32	13	1.4	<10	0.22	20		0.02	408	<1	0.01	1
E000013	K-11-0328	38.1	39.05	QTZT	QTZT	Non-Mineralized	N-AML	0.01	5.9	461	3000	2.14	443	220	0.6	3	0.06	47	<1	56	110	6.39	<10	0.66	20		0.09	4510	<1	0.05	3
E004077	K-11-0329	71.4	71.85	QTZT	QTZT	Non-Mineralized	N-AML	0.01	0.5	150	1500	0.61	59	90	<0.5	<2	0.01	22.9	1	29	60	1	<10	0.22	10		0.03	722	1	0.01	1
E004087	K-11-0329	79.33	80.25	QTZT	QTZT	Non-Mineralized	N-AML	<0.01	0.7	60	4900	0.68	121	160	<0.5	<2	0.05	64.4	<1	24	19	2.46	<10	0.23	10		0.11	3860	1	0.02	2
E004030	K-11-0332	51.08	52.84	QTZT	QTZT	Non-Mineralized	N-AML	0.01	4.7	652	3960	1.96	384	180	0.6	<2	0.04	378	2	44	229	3.65	10	0.54	10		0.09	1955	<1	0.06	4
E004041	K-11-0332	59.97	60.35	QTZT	QTZT	Non-Mineralized	N-AML	0.03	3.9	367	4790	3.17	726	350	1.1	<2	0.05	38.3	1	57	62	5.01	10	1.05	20		0.09	2710	<1	0.09	5
E004054	K-11-0332	70.2	71.62	QTZT	QTZT	Non-Mineralized	N-AML	0.01	3.7	266	3980	0.63	1050	100	<0.5	<2	0.05	83.6	3	28	45	3.21	<10	0.26	10		0.06	7230	<1	0.01	3
E770096	K-08-0135	136	139	QTZT	QTZT	Mineralized	P-AML	<0.01	0.5	20	7790	1.48	6	290	<0.5	<2	1.34	8.7	5	46	3	1.62	<10	0.47	10		0.21	2830	<1	0.04	15
E770101	K-08-0135	142.95	144	QTZT	QTZT	Mineralized	P-AML	0.21	54.4	1755	111000	1.08	171	100	<0.5	27	0.11	1000	11	25	2040	9.6	<10	0.29	10		0.14	23600	<1	0.03	9
E770100	K-08-0135	141.3	142.95	QTZT	QTZT	Mineralized	P-AML	0.22	130	14000	140000	1.75	16	210	0.6	8	0.12	1000	12	35	707	10.45	<10	0.57	10		0.21	25600	<1	0.04	17
E770111	K-08-0135	152.1	153	QTZT	QTZT	Mineralized	P-AML	0.03	3.9	88	13700	0.36	116	30	<0.5	5	0.05	151.5	1	24	72	2.87	<10	0.12	10		0.05	7720	<1	0.01	5
E770112	K-08-0135	153	154	QTZT	QTZT	Mineralized	P-AML	0.01	3.2	111	6470	3.5	83	440	0.9	4	0.12	69.2	4	64	40	2.56	10	1.1	20		0.13	4040	<1	0.08	16
E770113	K-08-0135	154	155	QTZT	QTZT	Mineralized	P-AML	0.02	5	138	18400	0.45	321	20	<0.5	6	0.05	226	3	28	119	4.19	<10	0.15	10		0.05	8650	<1	0.01	6
E770114	K-08-0135	155	156	QTZT	QTZT	Mineralized	P-AML	0.09	12.6	220	45800	0.32	196	20	<0.5	13	0.1	553	2	22	217	5.94	<10	0.08	10		0.07	11800	<1	0.01	6
E770116	K-08-0135	156	157.3	QTZT	QTZT	Mineralized	P-AML	0.01	3.4	86	5920	0.66	125	50	<0.5	5	0.06	35.7	3	30	57	4.05	<10	0.21	10		0.06	8400	1	0.02	8
E770105	K-08-0135	146	147	QTZT	QTZT	Mineralized	P-AML	0.16	2.1	67	7290	0.55	2090	40	<0.5	2	0.12	74.8	6	31	44	2.51	<10	0.16	10		0.06	4280	<1	0.01	7
E770102	K-08-0135	144	145	QTZT	QTZT	Mineralized	P-AML	0.37	28.2	457	43600	1.7	1185	210	<0.5	39	0.23	475	9	46	340	5	<10	0.51	20		0.11	8390	<1	0.04	15
E770121	K-08-0135	161.24	164.29	QTZT	QTZT	Mineralized	P-AML	0.21	10.2	323	6890	1.25	5160	140	<0.5	13	0.1	77.7	16	36	85	9.26	<10	0.46	10		0.12	17500	<1	0.03	15
E770122	K-08-0135	164.29	165	QTZT	QTZT	Mineralized	P-AML	<0.01	1.5	64	5170	0.91	330	100	<0.5	2	0.04	20.7	2	43	17	1.97	<10	0.35	10		0.04	4340	<1	0.01	6
E770128	K-08-0135	169	170	QTZT	QTZT	Mineralized	P-AML	<0.01	0.5	35	5750	0.34	19	50	<0.5	3	0.07	29.4	3	28	9	1.56	<10	0.13	<10		0.03	4540	<1	0.01	7
E770132	K-08-0135	172	173.07	QTZT	QTZT	Mineralized	P-AML	0.02	2.9	406	5490	1.09	194	170	<0.5	2	0.2	63.7	3	34	30	4.45	<10	0.37	10		0.13	10650	1	0.03	16
E770334	K-08-0145	116.17	117.16	QTZT	QTZT	Mineralized	P-AML	<0.01	14.1	114	7980	1.81	13	80	0.6	3	0.1	78.7	3	52	43	2.51	10	0.38	10		0.11	4800	<1	0.08	1
E770330	K-08-0145	113.06	113.15	QTZT	QTZT	Mineralized	P-AML	0.59	232	777	517000	0.45	2070	<10	<0.5	5	0.01	1000	30	4	2520	3.61	10	<0.01	<10		0.05	173	<1	<0.01	7
E770328	K-08-0145	111.15	112.17	QTZT	QTZT	Mineralized	P-AML	0.63	5.1	121	37200	1.25	1315	20	0.6	2	0.09	626	2	30	180	4.85	<10	0.13	10		0.15	9190	<1	0.08	5
E770329	K-08-0145	112.17	113.06	QTZT	QTZT	Mineralized	P-AML	0.22	16.1	223	33600	0.81	2350	10	<0.5	10	0.04	543	7	19	215	2.78	<10	0.07	10		0.09	3970	<1	0.05	9
E751557	K-07-0069	124.48	126.48	QTZT	QTZT	Mineralized	P-AML	0.01	2	12	5200	4.36	11	570	1	<2	1.37	1.8	7	82	16	2.76	10	0.76	20		0.41	1300	<1	0.13	29
E751604	K-07-0069	165.2	165.7	QTZT	QTZT	Mineralized	P-AML	1.49	61.3	110	409000	<0.01	7	<10	<0.5	8	0.36	1000	25	<1	1540	15.15	<10	<0.01	<10		0.21	25900	<1	0.01	<1
E751605	K-07-0069	165.7	166.2	QTZT	QTZT	Mineralized	P-AML	0.09	28.5	720	90500	<0.01	<5	<10	<0.5	44	0.19	900	11	<1	211	32.2	<10	<0.01	<10		0.38	89700	<1	<0.01	<1
E751608	K-07-0069	166.7	167.2	QTZT	QTZT	Mineralized	P-AML	0.18	27.3	282	65400	4.06	61	350	1.7	11	0.24	629	11	61	1960	12.55	10	1.01	20		0.52	25400	<1	0.07	24
E751602	K-07-0069	164.2	164.7	QTZT	QTZT	Mineralized	P-AML	2.15	103	2420	445000	0.05	199	<10	<0.5	72	0.57	1000	24	<1	2570	13.25	<10	0.01	<10		0.19	14300	<1	0.01	8
E751618	K-07-0069	175.7	177.7	QTZT	QTZT	Mineralized	P-AML	<0.01	4.6	121	6470	1.29	171	140	<0.5	<2	0.06	52.7	4	55	298	4.07	<10	0.35	10		0.11	5500	<1	0.04	10
E751629	K-07-0069	195.71	197.71	QTZT	QTZT	Mineralized	P-AML	<0.01	3	220	10600	1.78	10	220	0.5	<2	0.32	155.5	4	49	65	2.07	<10	0.41	20		0.25	1435	<1	0.06	10
E751603	K-07-0069	164.7	165.2	QTZT	QTZT	Mineralized	P-AML	0.25	38.5	657	555000	<0.01	20	<10	<0.5	15	0.2	1000	35	<1	1020	8.01	<10	<0.01	<10		0.05	1340	<1	0.01	<1
E751595	K-07-0069	160.37	161.2	QTZT	QTZT	Mineralized	P-AML	<0.01	3.8	148	7980	0.66	77	70	<0.5	2	0.08	92.5	1	38	53	2.45	<10	0.21	10		0.06	5050	1	0.02	3
E751588	K-07-0069	155.49	156.37	QTZT	QTZT	Mineralized	P-AML	0.01	9.7	207	11500	4.84	45	700	1.2	<2	0.39	101	7	79	114	5.08	10	1.73	20		0.26	10800	1	0.13	23
E751590	K-07-0069	156.37	157.37	QTZT	QTZT	Mineralized	P-AML	<0.01	3.9	211	10200	3	8	410	0.8	<2	0.7	82.3	7	61	51	8.31	10	1.07	20		0.43	22600	<1	0.08	26
E751594	K-07-0069	159.37	160.37	QTZT	QTZT	Mineralized	P-AML	0.03	9	159	7620	1.36	52	190	<0.5	12	0.14	85.7	6	43	35	5.01	<10	0.46	10		0.13	11950	<1	0.04	9
E751596	K-07-0069	161.2	161.7	QTZT	QTZT	Mineralized	P-AML	1.38	19.5	691	165500	0.29	561	10	<0.5	10	0.18	1000	23	7	414	23.9	<10	0.05	<10		0.31	42800	<1	0.02	33
E751599	K-07-0069	162.7	163.2	QTZT	QTZT	Mineralized	P-AML	0.63	329	1070	337000	0.18	162	10	<0.5	13	2.42	1000	25	2	2490	14	<10	0.05	<10		0.7	30200	<1	0.02	10
E751600	K-07-0069	163.2	163.7	QTZT	QTZT	Mineralized	P-AML	0.49	66.6	741	254000	0.07	111	<10	<0.5	7	1.66	1000	21	1	1260	20.7	<10	0.01	<10		0.65	47400	1	0.01	15
E751597	K-07-0069	161.7	162.2	QTZT	QTZT	Mineralized	P-AML	0.64	57.2	448	406000	0.2	158	10	<0.5	6	0.15	1000	16	1	989	15.45	<10	0.04	<10		0.15	22900	2	0.02	12
E599831	K-07-0072	107	109	QTZT	QTZT	Mineralized	P-AML	0.02	0.5	11	5460	1.32	14	230	<0.5	<2	1.88	5.3	3	37	5	1.27	<10	0.35	10		0.17	1760	<1	0.04	12
E599832	K-07-0072	109	110.4	QTZT	QTZT	Mineralized	P-AML	0.04	<0.5	7	6620	0.48	5	90	<0.5	<2	0.63	6.5	3	33	3	0.9	<10	0.15	10		0.06	1905	<1	0.01	6
E599987	K-07-0074	115.85	117.85	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	5	5760	2.08	10	430	0.5	<2	5.16	7.2	4	35	8	1.6	<10	0.56	10		0.44	1835	<1	0.07	12
E599992	K-07-0074	122.85	124.85	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	11	6400	1.52	15	250	<0.5	<2	0.64	12.6	5	45	7	1.34	<10	0.45	10		0.18	1880	<1	0.03	13
E600001	K-07-0074	133.85	134.85	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	20	9280	0.51	16	90	<0.5	<2	2.84	32.8	4	39	3	0.72	<10	0.17	10		0.06	2040	<1	0.02	8
E600002	K-07-0074	134.85	135.4	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	21	5100	0.47	<5	90	<0.5	<2	1.57	19.7	3	62	3	0.67	<10	0.15	10		0.08	1130	<1	0.02	8
E599995	K-07-0074	128.85	129.85	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	3	5010	1.94	7	390	0.5	<2	3.71	8.1	3	53	6	1.24	<10	0.64	10		0.24	1305	<1	0.06	15
E600033	K-07-0074	163.18	164.29	QTZT	QTZT	Mineralized	P-AML	0.23	16.3	1450	9080	3.73	10000	<10	1.5	9	0.1	107.5	51	31	100	6.83	10	0.01	80		0.37	8110	<1	0.3	33
E600020	K-07-0074	154.65	155.8	QTZT	QTZT	Mineralized	P-AML	0.46	5.5	284	14700	3.42	226	190	0.8	4	0.14	156	8	55	119	6.71	10	0.9	20		0.16	10400	2	0.12	23
E600021	K-07-0074	155.8	156.44	QTZT	QTZT	Mineralized	P-AML	0.49	27	679	41600	0.06	176	10	<0.5	45	0.14	547	1	<1	262	32.6	<10	0.01	<10		0.39	100000	<1	0.01	9
E600022	K-07-0074	156.44	157	QTZT	QTZT	Mineralized	P-AML	0.05	6.2	198	16300	1.29	253	140	<0.5	<2	0.09	190	3	57	115	4.03	<10	0.31	10		0.12	8280	1	0.03	10
E600023	K-07-0074	157	158	QTZT	QTZT	Mineralized	P-AML	0.02	2.5	125	16200	0.54	628	50	<0.5	<2	0.1	180.5	6	23	41	4.32	<10	0.13	10		0.09	8750	1	0.02	10
E600025	K-07-0074	158	158.85	QTZT	QTZT	Mineralized	P-AML	0.03	7.5	357	23700	0.33	192	20	<0.5	3	0.32	289	3	21	127	2.64	<10	0.09	<10		0.12	6570	<1	0.01	5
E600027	K-07-0074	159.15	160.27	QTZT	QTZT	Mineralized	P-AML	0.09	10	115	7940	0.59	4680	<10	<0.5	2	0.12	98.2	10	23	167	11.2	<10	0.09	20		0.2	37100	1	0.03	7
E600028	K-07-0074	160.27	161.14	QTZT	QTZT	Mineralized	P-AML	0.07	2.8	48	32600	0.11	524	<10	<0.5	<2	0.32	332	<1	<1	67	27.1	<10	0.01	10		0.4	91600	<1	0.01	<1
E600029	K-07-0074	161.14	161.92	QTZT	QTZT	Mineralized	P-AML	0.14	5.5	101	6360	0.94	6480	<10	<0.5	8	0.17	44.4	21	31	4	21.2	<10	0.13	40		0.37	74000	1	0.05	4
E600015	K-07-0074	150.65	151.65	QTZT	QTZT	Mineralized	P-AML	<0.01	1.3	201	5250	1.67	28	190	<0.5	<2	0.2	105	4	90	15	2.92	<10	0.5	10		0.22	7720	<1	0.05	13
E600035	K-07-0074	165.3	166.3	QTZT	QTZT	Mineralized	P-AML	0.42	6.7	105	6530	3.82	8240	90	1.1	8	0.13	65.1	40	91	27	6.89	10	0.53	40		0.31	11050	<1	0.2	36
E600038	K-07-0074	167.5	168.5	QTZT	QTZT	Mineralized	P-AML	<0.01	1.1	48	5910	0.59	38	20	<0.5	<2	0.14	75.3	3	61	29	3.85	<10	0.19	10		0.18	10950	<1	0.01	5
E600046	K-07-0074	180.5	182.5	QTZT	QTZT	Mineralized	P-AML	<0.01	0.5	14	7800	2.79	12	360	0.9	<2	2.28	21.4	7	47	12	1.84	<10	0.82	10		0.52	2310	<1	0.12	24
E600012	K-07-0074	147.65	148.65	QTZT	QTZT	Mineralized	P-AML	<0.01	2.3	151	6610	0.89	15	120	<0.5	<2	0.11	49.4	5	85	18	2.49	<10	0.27	10		0.14	5630	<1	0.03	12
E777297	K-08-0138	103.98	106.02	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	9	6970	1.3	53	510	<0.5	<2	0.79	3.9	5	47	36	1.32	<10	0.38	10		0.31	1420	1	0.06	13
E777307	K-08-0138	120.67	120.97	QTZT	QTZT	Mineralized	P-AML	0.02	1.1	23	6790	1.13	<5	30	<0.5	6	0.14	71.2	1	26	12	11.45	<10	0.25	20		0.52	31600	1	0.05	8
E601700	K-07-0116	232.67	233.48	QTZT	QTZT	Mineralized	P-AML	0.01	8.9	482	16700	0.28	35	20	<0.5	12	0.05	217	2	30	84	1.14	<10	0.09	10		0.03	1170	<1	<0.01	6
E601701	K-07-0116	233.48	234.57	QTZT	QTZT	Mineralized	P-AML	<0.01	1.7	61	8060	1.99	32	370	0.5	<2	0.08	98.9	2	43	45	1.84	10	0.51	10		0.1	2500	<1	0.11	13
E601687	K-07-0116	221.92	223.76	QTZT	QTZT	Mineralized	P-AML	0.18	59.7	458	61800	1.48	2170	40	0.6	23	0.2	636	13	30	547	8.36	<10	0.06	10		0.26	20000	<1	0.1	13
E601693	K-07-0116	227.38	227.76	QTZT	QTZT	Mineralized	P-AML	0.02	13.2	1770	18100	0.24	93	<10	<0.5	11	0.38	184	10	13	222	10.4	<10	0.09	<10		0.9	29700	<1	<0.01	10

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E601695	K-07-0116	228.66	229.24	QTZT	QTZT	Mineralized	P-AML	0.01	2.2	141	6260	0.51	10	50	<0.5	4	0.09	81.9	2	30	31	1.88	<10	0.11	10		0.13	1675	<1	0.01	13
E601825	K-07-0118	151.33	151.72	QTZT	QTZT	Mineralized	P-AML	0.17	59.3	1230	54100	0.27	793	10	<0.5	40	0.13	552	12	6	357	23.2	<10	0.02	<10		0.31	68700	<1	0.02	9
E601811	K-07-0118	132.14	134.3	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	16	5940	4.73	9	960	1.3	<2	0.73	7.5	8	81	16	2.35	10	0.93	20		0.33	1610	1	0.22	31
E601812	K-07-0118	134.3	136.3	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	8	7240	0.8	<5	170	<0.5	<2	0.86	12.9	3	38	5	1.09	<10	0.24	10		0.12	1870	<1	0.02	9
E601828	K-07-0118	152.08	153.43	QTZT	QTZT	Mineralized	P-AML	0.04	20.1	1080	13000	3.19	295	330	0.8	<2	0.12	139.5	6	58	107	5.58	10	0.97	20		0.14	11000	<1	0.09	21
E601827	K-07-0118	151.72	152.08	QTZT	QTZT	Mineralized	P-AML	0.46	180	3660	83100	0.49	6190	10	<0.5	75	0.11	871	25	5	4930	23.4	<10	0.04	<10		0.32	65600	<1	0.03	11
E601820	K-07-0118	146.49	148.02	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	8	5160	0.57	6	90	<0.5	<2	0.57	16.8	1	38	3	0.72	<10	0.16	10		0.11	1265	<1	0.01	7
E601839	K-07-0118	164.55	165.55	QTZT	QTZT	Mineralized	P-AML	<0.01	1.1	204	8530	3.36	78	400	0.9	<2	0.27	36.7	8	60	18	4.2	10	1.19	20		0.25	11300	<1	0.07	29
E601845	K-07-0118	169.55	170.36	QTZT	QTZT	Mineralized	P-AML	0.03	2.1	153	7070	1.81	26	280	0.6	<2	0.17	68	4	41	35	4.98	<10	0.61	10		0.17	14200	<1	0.04	11
E601846	K-07-0118	170.36	170.72	QTZT	QTZT	Mineralized	P-AML	1.56	30.7	660	19800	0.51	8190	20	<0.5	32	0.1	201	33	10	890	16.85	<10	0.07	10		0.17	34900	<1	0.02	19
E601850	K-07-0118	172.14	172.64	QTZT	QTZT	Mineralized	P-AML	0.15	15.7	268	66300	1.17	126	120	<0.5	6	0.11	801	8	24	248	11.15	<10	0.34	10		0.16	27900	<1	0.04	8
E601847	K-07-0118	170.72	171.42	QTZT	QTZT	Mineralized	P-AML	0.14	25.8	400	23200	0.77	1930	50	<0.5	13	0.33	297	13	16	152	14.3	<10	0.17	10		0.24	35600	<1	0.03	13
E601859	K-07-0118	178.61	179.39	QTZT	QTZT	Mineralized	P-AML	0.02	4	159	12000	0.52	19	50	<0.5	<2	0.08	199.5	4	31	73	2.73	<10	0.16	10		0.08	4620	<1	0.02	6
E601851	K-07-0118	172.64	173.15	QTZT	QTZT	Mineralized	P-AML	1.01	21.3	463	63800	0.38	10000	10	<0.5	28	0.16	746	38	<1	248	24.2	<10	0.02	<10		0.31	64700	<1	0.03	19
E601852	K-07-0118	173.15	174.04	QTZT	QTZT	Mineralized	P-AML	0.73	62.8	1295	219000	0.12	619	10	<0.5	77	0.08	1000	21	<1	543	23.7	<10	0.01	<10		0.24	59300	<1	0.01	5
E601853	K-07-0118	174.04	174.56	QTZT	QTZT	Mineralized	P-AML	0.77	194	1955	334700	0.03	150	10	<0.5	147	0.09	1000	25	<1	2740	17.6	<10	0.01	<10		0.18	41500	<1	<0.01	8
E601854	K-07-0118	174.56	175.06	QTZT	QTZT	Mineralized	P-AML	1.78	143	1930	59200	0.69	10000	<10	<0.5	191	0.1	704	139	<1	696	27.1	<10	0.01	10		0.27	56500	<1	0.06	44
E601856	K-07-0118	175.06	175.56	QTZT	QTZT	Mineralized	P-AML	0.03	2.9	175	5120	3.17	435	250	1.4	<2	0.17	74.9	9	55	67	4.35	10	0.69	20		0.32	3020	1	0.1	31
E601858	K-07-0118	177.56	178.61	QTZT	QTZT	Mineralized	P-AML	0.01	3	449	6750	1.94	53	200	0.5	<2	0.35	112.5	6	52	38	4.9	<10	0.62	10		0.28	11150	<1	0.06	16
E601848	K-07-0118	171.42	172.14	QTZT	QTZT	Mineralized	P-AML	0.08	9.7	209	84400	0.47	107	40	<0.5	4	0.2	931	9	17	240	10.45	<10	0.13	<10		0.15	26700	<1	0.02	7
E601857	K-07-0118	175.56	177.56	QTZT	QTZT	Mineralized	P-AML	0.01	3.2	179	5170	2.28	68	180	0.5	<2	1	65.6	8	56	96	3.48	<10	0.6	10		0.47	3930	<1	0.06	18
E601870	K-07-0118	190.6	191.6	QTZT	QTZT	Mineralized	P-AML	<0.01	0.5	88	18800	0.95	9	100	<0.5	<2	0.63	203	9	35	9	1.45	<10	0.26	10		0.11	4650	<1	0.02	16
E601868	K-07-0118	188.76	189.76	QTZT	QTZT	Mineralized	P-AML	<0.01	0.5	27	8410	2.64	<5	420	0.8	<2	1.05	45.4	8	56	19	1.08	10	0.83	10		0.09	2030	1	0.06	19
E776790	K-07-0119	190.8	192.94	QTZT	QTZT	Mineralized	P-AML	0.03	3.2	193	5370	5.69	112	540	1.3	3	0.26	53.3	5	94	78	5.03	10	1.82	40		0.23	10250	<1	0.12	28
E776767	K-07-0119	171.25	171.6	QTZT	QTZT	Mineralized	P-AML	0.15	19.7	975	44100	1.6	1690	80	0.7	10	2.16	413	19	20	319	9.23	<10	0.21	10		0.72	20800	<1	0.06	16
E776771	K-07-0119	172.04	172.8	QTZT	QTZT	Mineralized	P-AML	0.08	4.9	787	7010	1.85	1525	90	0.6	3	0.53	67.4	14	46	43	4.65	<10	0.37	10		0.27	10100	<1	0.08	20
E753645	K-07-0120	174.35	174.65	QTZT	QTZT	Mineralized	P-AML	0.45	39.4	241	163000	1	3660	10	0.5	5	0.21	1000	18	6	994	19.2	<10	0.05	20		0.29	51200	<1	0.07	7
E753646	K-07-0120	174.65	175.11	QTZT	QTZT	Mineralized	P-AML	0.26	3.6	70	13100	0.56	5040	<10	<0.5	<2	0.09	170.5	14	16	67	9.28	<10	0.06	10		0.13	26500	<1	0.03	4
E753649	K-07-0120	176	176.78	QTZT	QTZT	Mineralized	P-AML	0.44	6.4	139	19200	1.24	98	40	0.5	<2	0.13	179	5	34	168	9.31	<10	0.19	10		0.2	25500	<1	0.05	5
E753652	K-07-0120	177.3	178.31	QTZT	QTZT	Mineralized	P-AML	0.57	13.6	182	24200	1.5	452	190	0.6	7	0.1	224	10	22	174	4.05	<10	0.34	10		0.14	8760	1	0.06	11
E753639	K-07-0120	167	168.86	QTZT	QTZT	Mineralized	P-AML	0.15	6.6	224	11700	2.05	193	300	0.5	2	0.08	111	8	44	142	4.1	<10	0.69	10		0.16	6530	<1	0.05	18
E753650	K-07-0120	176.78	177.3	QTZT	QTZT	Mineralized	P-AML	0.82	55.5	1700	181000	0.55	12	20	<0.5	6	0.1	1000	14	2	906	17.5	<10	0.09	<10		0.2	42300	<1	0.02	<1
E753638	K-07-0120	166.8	167	QTZT	QTZT	Mineralized	P-AML	0.04	6.1	200	9540	0.17	<5	10	<0.5	11	0.19	77.2	9	4	82	24.6	<10	0.05	<10		0.4	88500	<1	0.01	<1
E776904	K-07-0121	139.5	140.5	QTZT	QTZT	Mineralized	P-AML	0.06	0.9	36	8030	1.09	8	130	<0.5	2	0.11	71.6	3	35	15	2.68	<10	0.39	10		0.1	6740	<1	0.03	6
E776921	K-07-0121	150.32	151.18	QTZT	QTZT	Mineralized	P-AML	0.38	8.8	211	23300	0.63	464	10	<0.5	5	0.11	238	9	23	184	14.8	<10	0.09	10		0.18	40200	<1	0.04	2
E776920	K-07-0121	149.7	150.32	QTZT	QTZT	Mineralized	P-AML	<0.01	1.7	66	5670	0.39	116	50	<0.5	<2	0.02	54.3	1	30	35	1.16	<10	0.14	10		0.02	2410	<1	0.01	2
E776919	K-07-0121	149.1	149.7	QTZT	QTZT	Mineralized	P-AML	0.12	3.4	156	21200	0.39	133	50	<0.5	6	0.04	198.5	5	26	88	3.03	<10	0.12	10		0.04	6500	<1	0.01	4
E776917	K-07-0121	147.32	148.28	QTZT	QTZT	Mineralized	P-AML	0.01	2.6	108	6020	2.52	297	300	0.6	<2	0.13	50	7	48	74	3.74	<10	0.77	10		0.11	5320	<1	0.06	14
E776914	K-07-0121	146.47	146.97	QTZT	QTZT	Mineralized	P-AML	0.8	111	863	100500	0.94	7340	20	<0.5	66	0.1	1000	27	11	8330	14.15	<10	0.11	30		0.19	28400	<1	0.06	34
E776913	K-07-0121	145.6	146.47	QTZT	QTZT	Mineralized	P-AML	0.67	124	1960	125000	0.9	5080	10	<0.5	109	0.14	1000	27	6	4500	21.4	<10	0.11	20		0.24	47200	<1	0.06	28
E776912	K-07-0121	144.6	145.6	QTZT	QTZT	Mineralized	P-AML	0.62	100	2020	103000	0.46	1050	<10	<0.5	153	0.14	1000	8	3	790	18.35	<10	0.09	10		0.23	54000	<1	0.02	<1
E776909	K-07-0121	142.86	143.56	QTZT	QTZT	Mineralized	P-AML	0.26	156	29800	57800	1.71	190	130	0.5	59	0.08	535	12	24	493	9.38	<10	0.45	20		0.17	21900	1	0.04	13
E776907	K-07-0121	142.12	142.86	QTZT	QTZT	Mineralized	P-AML	0.57	42.6	1010	61800	1.7	400	80	0.8	6	0.08	560	17	22	1350	8.32	<10	0.29	20		0.18	15950	<1	0.05	19
E776902	K-07-0121	137.6	138.51	QTZT	QTZT	Mineralized	P-AML	<0.01	3.5	270	5450	2.34	50	280	0.7	<2	0.13	48.5	8	44	29	3.5	<10	0.83	10		0.11	8510	1	0.07	15
E776901	K-07-0121	136.6	137.6	QTZT	QTZT	Mineralized	P-AML	0.13	14.9	744	20900	2.88	101	100	0.9	8	1.26	183.5	16	66	497	6.6	<10	0.96	10		0.73	14900	<1	0.02	29
E776900	K-07-0121	136.1	136.6	QTZT	QTZT	Mineralized	P-AML	0.01	7.8	1760	11300	4.21	435	740	1.6	3	0.4	143	8	60	93	4.93	10	1.33	20		0.46	11450	<1	0.05	41
E776906	K-07-0121	141.5	142.12	QTZT	QTZT	Mineralized	P-AML	0.07	8	161	11700	1.79	119	150	0.6	<2	0.11	101.5	4	40	142	5.34	<10	0.47	10		0.13	11300	<1	0.06	11
E776922	K-07-0121	151.18	151.5	QTZT	QTZT	Mineralized	P-AML	0.73	152	2080	106500	0.43	3360	<10	<0.5	285	0.14	1000	12	<1	540	24.1	<10	0.03	<10		0.3	73300	<1	0.04	<1
E776935	K-07-0121	164.46	166.42	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	19	8260	0.37	7	50	<0.5	<2	0.2	21.7	4	36	2	0.63	<10	0.1	10		0.03	1790	<1	0.01	7
E602234	K-07-0122	158.62	159.68	QTZT	QTZT	Mineralized	P-AML	0.21	73.4	4670	128000	0.02	79	<10	<0.5	19	0.34	1000	11	<1	960	28.2	<10	0.01	<10		0.41	80600	<1	0.01	10
E602243	K-07-0122	164.88	165.71	QTZT	QTZT	Mineralized	P-AML	0.33	12.1	269	15400	0.3	1710	20	<0.5	17	0.05	168	13	21	120	7.86	<10	0.08	10		0.08	10200	<1	0.01	8
E602241	K-07-0122	164.25	164.88	QTZT	QTZT	Mineralized	P-AML	2.14	59.8	1340	138000	0.22	5000	<10	<0.5	66	0.09	1000	50	3	2740	26.6	<10	0.03	20		0.35	60100	<1	0.02	57
E602240	K-07-0122	163.62	164.25	QTZT	QTZT	Mineralized	P-AML	0.51	19.3	437	28000	0.2	1120	<10	<0.5	30	0.13	285	8	<1	129	31.5	<10	<0.01	<10		0.36	99600	<1	0.02	10
E602239	K-07-0122	162.61	163.62	QTZT	QTZT	Mineralized	P-AML	0.3	102	2800	205000	0.16	283	<10	<0.5	171	0.08	1000	28	<1	450	20.5	<10	0.01	<10		0.21	48200	<1	0.01	14
E602238	K-07-0122	161.81	162.61	QTZT	QTZT	Mineralized	P-AML	0.09	17.7	295	68500	0.99	268	<10	<0.5	4	0.1	650	7	26	461	12.25	<10	0.08	10		0.21	33000	<1	0.07	7
E602236	K-07-0122	159.68	160.93	QTZT	QTZT	Mineralized	P-AML	0.07	5	113	17000	0.3	63	<10	<0.5	2	0.09	175	2	9	97	25.4	<10	0.02	<10		0.31	73200	<1	0.03	2
E602233	K-07-0122	158.01	158.62	QTZT	QTZT	Mineralized	P-AML	1.04	237	4630	173000	<0.01	185	<10	<0.5	174	0.65	1000	21	<1	2510	24	<10	0.01	<10		0.38	64300	<1	<0.01	12
E602232	K-07-0122	157.59	158.01	QTZT	QTZT	Mineralized	P-AML	1.27	752	5670	284000	0.02	28	<10	<0.5	404	0.52	1000	19	<1	9490	19.1	<10	0.01	<10		0.31	45500	<1	0.01	7
E602230	K-07-0122	156.93	157.59	QTZT	QTZT	Mineralized	P-AML	0.82	524	9070	52700	0.85	2620	30	<0.5	89	1.86	611	20	13	1520	14.15	<10	0.09	<10		0.67	31300	<1	0.05	20
E602228	K-07-0122	153.46	154.53	QTZT	QTZT	Mineralized	P-AML	0.03	3.4	221	5440	3.12	64	400	0.8	2	0.16	56	3	51	72	3.42	10	1.04	20		0.13	7670	<1	0.08	13
E602227	K-07-0122	152.64	153.46	QTZT	QTZT	Mineralized	P-AML	0.16	15.7	1420	64300	3.23	268	200	0.8	9	0.26	609	10	55	291	11.55	<10	0.81	20		0.3	29900	<1	0.11	30
E602226	K-07-0122	151.74	152.64	QTZT	QTZT	Mineralized	P-AML	0.02	9.7	654	36700	0.21	544	20	<0.5	7	0.2	467	2	18	172	10.9	<10	0.08	10		0.14	31100	<1	0.01	10
E602224	K-07-0122	150.71	151.74	QTZT	QTZT	Mineralized	P-AML	0.02	6.8	498	19200	1.4	544	240	<0.5	4	0.14	236	4	42	95	6.7	<10	0.49	10		0.15	15350	<1	0.04	16
E602237	K-07-0122	160.93	161.81	QTZT	QTZT	Mineralized	P-AML	0.17	34.3	180	29900	0.15	209	<10	<0.5	2	0.1	211	4	10	239	13.95	<10	0.03	<10		0.18	42400	<1	0.01	8
E776976	K-07-0123	158.66	159.66	QTZT	QTZT	Mineralized	P-AML	0.23	14.4	413	19900	0.9	3130	50	<0.5	15	0.13	297	26	28	124	15.05	<10	0.19	10		0.22	25200	<1	0.03	28
E776973	K-07-0123	156.24	157.24	QTZT	QTZT	Mineralized	P-AML	<0.01	52	225	5940	1.62	73	90	0.6	3	0.15	57	2	41	192	5.23	<10	0.3	20		0.16	11150	<1	0.06	14
E776971	K-07-0123	154.24	155.21	QTZT	QTZT	Mineralized	P-AML	0.05	6.5	491	10300	5.6	234	250	1.5	3	0.21	126.5	18	109	62	9.56	20	1.53	10		0.42	14250	<1	0.05	59
E602287	K-07-0124	179.22	180.4	QTZT	QTZT	Mineralized	P-AML	0.46	68.6	1080	58700	2.85	10000	190	1.4	65	0.68	641	56	42	759	13.25	10	0.59	20		0.45	25600	<1	0.09	49
E602289	K-07-0124	181.7	182.45	QTZT	QTZT	Mineralized	P-AML	0.61	36.7	1060	13600	0.24	10000	10	<0.5	55	0.13	137.5	51	10	289	17.8	<10	0.07	<10		0.14	24300	<1	0.01	27
E602292	K-07-0124	183.2	185.32	QTZT	QTZT	Mineralized	P-AML	2.45	166	3380	78000	0.86	10000	10	0.5	172	0.17	849	57	14	1205	14.55	<10	0.03	10		0.18	16450	<1	0.07	36

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E602288	K-07-0124	180.4	181.7	QTZT	QTZT	Mineralized	P-AML	0.12	7.3	524	6010	0.52	1050	30	<0.5	5	0.52	50.5	6	25	187	9.53	<10	0.15	10		0.16	19000	1	0.02	11
E602294	K-07-0124	186.2	187.15	QTZT	QTZT	Mineralized	P-AML	1.12	73.5	1840	103000	0.82	10000	10	0.5	78	0.22	1000	41	6	673	17.1	<10	0.02	10		0.27	31400	<1	0.06	28
E602293	K-07-0124	185.32	186.2	QTZT	QTZT	Mineralized	P-AML	0.39	97	687	13500	0.69	6040	10	<0.5	29	0.14	123	27	24	415	9.39	<10	0.13	10		0.17	20200	<1	0.03	18
E602290	K-07-0124	182.45	183.2	QTZT	QTZT	Mineralized	P-AML	0.27	23.8	525	17800	0.68	5300	10	<0.5	29	0.19	160.5	21	26	200	6.23	<10	0.17	10		0.15	14050	<1	0.02	17
E602361	K-07-0125	99.37	99.97	QTZT	QTZT	Mineralized	P-AML	0.48	67.1	911	76500	2.04	108	20	0.8	3	0.07	746	6	24	601	15.9	<10	0.08	20		0.24	35900	<1	0.13	5
E602366	K-07-0125	104.66	106.53	QTZT	QTZT	Mineralized	P-AML	<0.01	1.8	688	5260	1.02	54	80	<0.5	<2	0.45	43.3	12	36	9	2.56	<10	0.28	10		0.12	8590	<1	0.02	26
E602365	K-07-0125	103.02	104.66	QTZT	QTZT	Mineralized	P-AML	<0.01	3.4	1025	5250	0.63	36	40	<0.5	<2	1.51	67	5	24	13	3.47	<10	0.2	10		0.65	10800	<1	0.01	10
E602351	K-07-0125	84.73	85.31	QTZT	QTZT	Mineralized	P-AML	0.27	135	30000	135500	0.44	99	30	<0.5	6	0.03	1000	7	19	603	2.66	<10	0.09	10		0.03	3630	<1	0.02	3
E777099	K-07-0126	179.22	180.54	QTZT	QTZT	Mineralized	P-AML	<0.01	16.2	274	11000	0.3	138	30	<0.5	<2	0.42	124	<1	35	204	1.7	<10	0.11	10		0.14	3750	<1	0.01	3
E754024	K-08-0134	111.17	114.17	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	9	6740	1.18	<5	230	<0.5	<2	2.15	4.2	2	38	7	1.13	<10	0.32	10		0.17	1685	<1	0.05	9
E754110	K-08-0134	212.75	213.16	QTZT	QTZT	Mineralized	P-AML	0.18	30	448	58900	0.12	44	<10	<0.5	20	0.17	659	5	5	346	20.8	<10	0.03	<10		0.39	57700	<1	0.01	1
E754111	K-08-0134	213.16	213.44	QTZT	QTZT	Mineralized	P-AML	0.08	9	219	17700	0.87	138	60	<0.5	4	0.19	184	7	33	142	8.38	<10	0.25	10		0.21	17700	<1	0.02	12
E754113	K-08-0134	213.96	214.55	QTZT	QTZT	Mineralized	P-AML	0.04	58.1	787	39600	4.32	78	350	1.3	92	0.22	523	4	76	261	7.17	10	1.17	30		0.38	11550	1	0.1	29
E754109	K-08-0134	211.66	212.75	QTZT	QTZT	Mineralized	P-AML	0.11	59.2	200	53100	0.84	2400	40	<0.5	5	0.22	553	13	19	354	19.3	<10	0.23	10		0.45	52100	<1	0.02	7
E754117	K-08-0134	209.02	209.4	QTZT	QTZT	Mineralized	P-AML	0.07	132	3920	502800	0.03	16	<10	<0.5	199	0.57	1000	32	<1	883	10.5	<10	<0.01	<10		0.16	8100	<1	<0.01	2
E754108	K-08-0134	211.36	211.66	QTZT	QTZT	Mineralized	P-AML	0.16	176	17900	88400	0.04	102	<10	<0.5	39	0.55	1000	10	<1	770	26.3	<10	0.01	<10		0.6	76000	<1	0.01	5
E754105	K-08-0134	210.01	210.69	QTZT	QTZT	Mineralized	P-AML	0.1	124	1680	27800	0.95	44	50	0.6	14	0.09	299	3	27	3450	3.55	<10	0.15	10		0.21	4460	<1	0.02	7
E754103	K-08-0134	209.4	209.73	QTZT	QTZT	Mineralized	P-AML	0.08	191	5970	480000	0.03	<5	<10	<0.5	327	0.32	1000	34	<1	1195	12.65	<10	0.01	<10		0.18	15650	<1	0.01	3
E754100	K-08-0134	208.63	209.02	QTZT	QTZT	Mineralized	P-AML	0.55	66.9	1045	451600	0.08	177	<10	<0.5	106	0.38	1000	21	<1	993	17.85	<10	0.01	<10		0.3	34100	<1	0.01	1
E754099	K-08-0134	208.13	208.63	QTZT	QTZT	Mineralized	P-AML	0.86	51	723	421300	0.18	1770	<10	<0.5	45	0.41	1000	24	<1	1810	13.95	<10	<0.01	<10		0.21	15750	<1	0.02	5
E754104	K-08-0134	209.73	210.01	QTZT	QTZT	Mineralized	P-AML	0.03	21.3	266	206000	0.03	<5	<10	<0.5	18	0.51	1000	19	<1	667	24.8	<10	<0.01	<10		0.52	70000	<1	0.01	<1
E754098	K-08-0134	207.73	208.13	QTZT	QTZT	Mineralized	P-AML	1.64	93.6	2380	209000	0.52	10000	<10	<0.5	158	0.26	1000	153	7	907	20.4	<10	0.02	30		0.22	18650	<1	0.04	37
E754119	K-08-0134	216.6	217.12	QTZT	QTZT	Mineralized	P-AML	0.08	7.5	165	12900	0.57	1360	20	<0.5	9	0.1	156	8	30	176	3.71	<10	0.16	<10		0.07	5070	<1	0.02	11
E754097	K-08-0134	206.96	207.73	QTZT	QTZT	Mineralized	P-AML	0.24	14.5	255	31000	1.41	6980	30	<0.5	17	0.54	400	28	23	289	21.8	<10	0.19	20		0.5	49200	<1	0.09	22
E754064	K-08-0134	184.98	185.98	QTZT	QTZT	Mineralized	P-AML	0.05	4.9	93	7210	4.06	54	470	1.1	5	0.26	98.6	1	69	119	6.03	10	1.05	20		0.33	4950	<1	0.11	34
E754073	K-08-0134	192	193.25	QTZT	QTZT	Mineralized	P-AML	0.02	3.6	226	17000	1.58	454	80	<0.5	2	0.46	168.5	2	41	72	8.7	<10	0.53	20		0.23	23500	<1	0.03	10
E754072	K-08-0134	190.98	192	QTZT	QTZT	Mineralized	P-AML	0.02	4.2	282	5260	3.76	107	440	0.7	3	0.37	62.9	3	71	69	5.07	10	1.22	20		0.23	7180	1	0.07	28
E754077	K-08-0134	195.58	196.28	QTZT	QTZT	Mineralized	P-AML	0.09	41.7	1450	331200	0.15	<5	10	<0.5	6	0.27	1000	24	8	1300	7.17	<10	0.05	<10		0.12	10050	<1	0.01	4
E754087	K-08-0134	201.77	202.43	QTZT	QTZT	Mineralized	P-AML	0.36	7.1	237	7710	0.18	8870	<10	<0.5	18	0.29	85.4	22	1	40	30.2	<10	0.02	<10		0.47	71500	<1	0.02	19
E754096	K-08-0134	206.18	206.96	QTZT	QTZT	Mineralized	P-AML	0.05	2.3	56	8520	0.32	656	30	<0.5	4	0.3	101.5	3	27	64	3.1	<10	0.11	10		0.13	6920	<1	0.01	4
E754095	K-08-0134	205.68	206.18	QTZT	QTZT	Mineralized	P-AML	0.14	19.2	137	31900	0.35	1570	10	<0.5	11	0.46	445	9	16	481	18.3	<10	0.11	10		0.4	47400	<1	0.02	3
E754094	K-08-0134	205.08	205.68	QTZT	QTZT	Mineralized	P-AML	0.36	9.6	152	19200	1.81	4490	240	0.5	6	0.37	227	12	31	182	12.55	<10	0.47	10		0.24	21600	1	0.09	13
E754090	K-08-0134	203.68	204.24	QTZT	QTZT	Mineralized	P-AML	0.11	5	122	9300	0.28	966	20	<0.5	5	0.65	117	9	12	98	15.1	<10	0.08	<10		0.38	34600	1	0.01	4
E754076	K-08-0134	195	195.58	QTZT	QTZT	Mineralized	P-AML	0.01	2.4	51	21000	0.37	58	20	<0.5	3	0.16	217	<1	23	46	2.56	<10	0.13	<10		0.08	6080	<1	0.01	1
E754083	K-08-0134	200.75	201.34	QTZT	QTZT	Mineralized	P-AML	0.73	58.6	1500	11600	0.35	5120	10	<0.5	78	0.2	117	21	2	194	34	<10	0.14	<10		0.43	73000	<1	0.01	9
E754080	K-08-0134	197.22	198.39	QTZT	QTZT	Mineralized	P-AML	0.01	6	368	19200	0.52	26	50	<0.5	6	0.13	182.5	1	31	100	1.4	<10	0.16	10		0.05	2000	<1	0.01	6
E754079	K-08-0134	196.28	197.22	QTZT	QTZT	Mineralized	P-AML	0.01	2.6	153	8550	1.02	31	90	<0.5	2	0.21	92	2	37	71	3.56	<10	0.36	10		0.1	8880	<1	0.02	10
E754058	K-08-0134	179.95	180.91	QTZT	QTZT	Mineralized	P-AML	<0.01	2.4	258	5240	0.5	66	40	<0.5	<2	0.11	69.3	2	31	46	2.96	<10	0.19	<10		0.1	6130	<1	0.01	5
E754089	K-08-0134	203.08	203.68	QTZT	QTZT	Mineralized	P-AML	0.32	8	288	12600	0.07	2110	<10	<0.5	17	1.68	145	22	<1	98	30.4	<10	0.02	<10		0.72	50800	<1	0.01	<1
E770135	K-08-0135	175	176	QTZT	QTZT	Mineralized	P-AML	0.06	18.2	284	6250	0.69	736	50	<0.5	11	0.05	65.7	5	45	83	2.51	<10	0.24	10		0.04	4180	<1	0.02	13
E770134	K-08-0135	174	175	QTZT	QTZT	Mineralized	P-AML	0.04	6.8	131	6070	0.47	1550	20	<0.5	6	0.05	64.1	8	64	39	2.58	<10	0.12	10		0.04	3490	<1	0.02	13
E602708	K-08-0136	155.48	157.42	QTZT	QTZT	Mineralized	P-AML	1.09	8	230	11800	1.01	465	90	<0.5	<2	0.06	150	10	22	157	4.71	<10	0.36	10		0.07	5980	<1	0.02	17
E602710	K-08-0136	157.42	157.7	QTZT	QTZT	Mineralized	P-AML	0.43	1110	238800	93400	0.43	49	140	<0.5	90	0.25	979	10	3	830	16.75	<10	0.16	<10		0.28	47900	<1	0.01	1
E602725	K-08-0136	179.22	180.22	QTZT	QTZT	Mineralized	P-AML	0.02	3.6	18	27700	1.29	37	90	<0.5	<2	0.17	354	3	42	104	4.33	<10	0.38	20		0.14	9510	1	0.02	9
E602728	K-08-0136	181.22	182.27	QTZT	QTZT	Mineralized	P-AML	0.06	4.3	26	18600	0.19	261	10	<0.5	<2	0.86	204	5	13	82	1.7	<10	0.06	<10		0.25	2270	<1	<0.01	4
E602726	K-08-0136	180.22	181.22	QTZT	QTZT	Mineralized	P-AML	0.09	8	74	20100	0.21	202	20	<0.5	<2	0.22	238	3	15	117	1.17	<10	0.06	<10		0.07	1440	<1	<0.01	5
E602730	K-08-0136	184	185.32	QTZT	QTZT	Mineralized	P-AML	0.51	21.3	185	5240	1.24	873	80	0.6	6	0.11	47.8	12	22	108	7.91	<10	0.24	10		0.21	16600	<1	0.03	15
E602785	K-08-0137	124.36	124.75	QTZT	QTZT	Mineralized	P-AML	0.02	4.6	560	23000	4.28	44	380	1.9	<2	0.21	188	11	66	73	3.35	10	0.98	20		0.33	4540	<1	0.09	33
E602784	K-08-0137	123.75	124.36	QTZT	QTZT	Mineralized	P-AML	0.08	31.5	690	46300	1.61	1430	70	0.7	<2	0.06	445	15	30	282	2.82	<10	0.28	20		0.14	3820	<1	0.06	17
E777315	K-08-0138	127.62	127.92	QTZT	QTZT	Mineralized	P-AML	0.02	5.2	59	23700	0.52	71	70	<0.5	<2	0.04	221	5	32	71	2.68	<10	0.18	10		0.05	6550	<1	0.01	7
E777316	K-08-0138	127.92	128.92	QTZT	QTZT	Mineralized	P-AML	0.02	2.5	79	6970	0.78	76	80	<0.5	2	0.07	59.4	4	41	60	1.75	<10	0.24	10		0.06	4070	<1	0.02	9
E777314	K-08-0138	126.34	127.62	QTZT	QTZT	Mineralized	P-AML	0.03	2	62	8050	1.04	100	130	<0.5	3	0.07	77.4	4	36	49	3.01	<10	0.31	10		0.09	5640	1	0.03	11
E777313	K-08-0138	125.2	126.34	QTZT	QTZT	Mineralized	P-AML	0.04	6.8	200	7530	5.46	84	810	1.7	3	0.17	81	8	79	101	5.36	10	1.71	30		0.28	11300	1	0.12	36
E777318	K-08-0138	128.92	129.92	QTZT	QTZT	Mineralized	P-AML	<0.01	3.7	35	36100	1.08	35	140	<0.5	<2	0.07	334	5	42	74	1.9	<10	0.38	10		0.05	3220	<1	0.02	11
E777332	K-08-0138	151.5	152.5	QTZT	QTZT	Mineralized	P-AML	<0.01	4.4	58	40700	2.58	18	190	0.9	<2	0.11	309	4	51	121	6.97	10	0.72	20		0.21	16650	<1	0.08	15
E777334	K-08-0138	152.5	153.48	QTZT	QTZT	Mineralized	P-AML	0.03	6.4	177	27700	3.3	40	360	0.9	5	0.15	224	5	84	91	5.47	10	1.14	20		0.18	12850	<1	0.08	20
E777335	K-08-0138	153.48	154.39	QTZT	QTZT	Mineralized	P-AML	0.22	6.9	100	41500	1.08	143	10	0.5	<2	0.15	364	7	10	185	22.3	<10	0.04	10		0.43	65000	<1	0.08	6
E777337	K-08-0138	154.39	154.65	QTZT	QTZT	Mineralized	P-AML	0.02	12.8	127	18200	3.11	29	200	0.9	<2	0.17	120.5	5	61	126	8.56	<10	0.75	20		0.26	22100	<1	0.11	12
E777338	K-08-0138	154.65	155.67	QTZT	QTZT	Mineralized	P-AML	0.65	88.9	1110	66800	0.27	10000	<10	<0.5	81	0.14	757	57	<1	1560	23.9	<10	<0.01	10		0.37	73400	<1	0.03	21
E777340	K-08-0138	155.67	156	QTZT	QTZT	Mineralized	P-AML	0.96	140	1930	462400	0.06	578	<10	<0.5	51	0.04	1000	40	<1	1810	11	<10	<0.01	<10		0.09	18700	<1	0.02	7
E777341	K-08-0138	156	157.27	QTZT	QTZT	Mineralized	P-AML	0.07	146	19300	103500	0.04	258	10	<0.5	28	0.15	995	12	<1	511	27.9	<10	0.01	<10		0.41	80600	1	0.01	<1
E777348	K-08-0138	161.9	163.3699	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	32	13600	1.25	6	160	<0.5	<2	0.21	58.6	6	46	14	1.51	<10	0.41	10		0.08	3030	1	0.03	14
E777347	K-08-0138	160.38	161.9	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	74	5510	1.38	7	190	<0.5	<2	0.32	31.7	5	47	9	1.3	<10	0.42	10		0.1	2490	<1	0.04	12
E770173	K-08-0139	139.6	140.6	QTZT	QTZT	Mineralized	P-AML	0.22	124	858	11000	1.94	703	60	0.9	4	0.1	115	11	42	739	4.67	10	0.3	20		0.26	6830	<1	0.07	28
E754192	K-08-0140	188	189	QTZT	QTZT	Mineralized	P-AML	0.01	4.6	41	9800	3.04	18	390	0.8	<2	0.35	102	4	58	80	2.19	10	0.99	20		0.21	4050	1	0.07	22
E754199	K-08-0140	193	193.24	QTZT	QTZT	Mineralized	P-AML	0.04	3.2	55	11700	2.31	229	230	0.6	2	0.17	110.5	3	46	61	4.97	10	0.72	10		0.18	12750	1	0.06	12
E754198	K-08-0140	192.5	193	QTZT	QTZT	Mineralized	P-AML	0.28	41.5	394	169000	1.29	1480	100	0.5	12	0.17	1000	24	15	979	14.55	<10	0.31	10		0.33	40800	<1	0.05	21
E770231	K-08-0141	86.54	88.46	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	14	7710	0.93	23	130	<0.5	<2	0.82	48.3	5	39	6	1.18	<10	0.32	10		0.1	2450	<1	0.02	14
E770255	K-08-0141	110.41	110.91	QTZT	QTZT	Mineralized	P-AML	1.09	273	7860	471400	0.02	372	<10	<0.5	299	0.05	1000	15	<1	11450	15.2	<10	<0.01	<10		0.08	27500	<1	<0.01	7
E770254	K-08-0141	109.97	110.41	QTZT	QTZT	Mineralized	P-AML	0.78	47.8	941	85200	0.02	567	<10	<0.5	63	0.13	1000	5	<1	1180	26.6	<10	<0.01	<10		0.26	92400	2	<0.01	3

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E770256	K-08-0141	110.91	111.51	QTZT	QTZT	Mineralized	P-AML	1.5	168	1740	111500	0.13	10000	<10	<0.5	184	0.12	1000	19	<1	1405	26.7	<10	0.01	<10		0.22	65300	<1	0.01	15
E770257	K-08-0141	111.51	111.84	QTZT	QTZT	Mineralized	P-AML	1.57	159	1090	157000	0.37	3700	<10	<0.5	66	0.08	1000	24	<1	3220	23	<10	0.01	<10		0.19	44400	<1	0.03	12
E770260	K-08-0141	112.15	112.87	QTZT	QTZT	Mineralized	P-AML	0.49	13.5	527	111500	1.37	119	90	<0.5	13	0.14	1000	6	17	362	11.75	<10	0.42	10		0.2	37200	<1	0.02	4
E770259	K-08-0141	111.84	112.15	QTZT	QTZT	Mineralized	P-AML	0.1	59.1	354	141000	1.36	209	140	<0.5	3	0.1	1000	4	27	3390	8.24	<10	0.36	10		0.15	21600	<1	0.05	4
E770252	K-08-0141	109.62	109.97	QTZT	QTZT	Mineralized	P-AML	1.03	29.5	586	179000	0.04	1875	<10	<0.5	24	0.1	1000	10	<1	1395	22.4	<10	<0.01	<10		0.2	72500	<1	<0.01	2
E770251	K-08-0141	109.15	109.62	QTZT	QTZT	Mineralized	P-AML	2.23	181	4260	206000	0.28	5290	<10	<0.5	199	0.07	1000	25	<1	8280	20.8	<10	0.01	<10		0.14	42200	<1	0.02	17
E770250	K-08-0141	108.11	109.15	QTZT	QTZT	Mineralized	P-AML	0.18	19.3	663	6720	2.08	919	30	1.1	5	0.06	94.5	<1	42	101	2.35	10	0.08	10		0.16	673	<1	0.12	3
E770249	K-08-0141	107.63	108.11	QTZT	QTZT	Mineralized	P-AML	0.07	48.9	5970	40500	0.86	412	10	0.5	2	0.04	293	5	39	173	1.79	<10	0.03	10		0.06	3460	<1	0.06	4
E770246	K-08-0141	105.16	106.07	QTZT	QTZT	Mineralized	P-AML	0.05	35	5110	5000	1.65	342	210	0.6	<2	0.05	82.7	<1	46	76	2.48	10	0.39	10		0.08	2840	1	0.06	6
E770240	K-08-0141	98.96	100.02	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	14	10900	3.27	30	540	0.9	<2	0.19	75.4	7	64	15	1.94	10	0.69	20		0.15	2070	<1	0.12	25
E770248	K-08-0141	106.07	107.63	QTZT	QTZT	Mineralized	P-AML	0.04	23	4100	39900	0.65	190	10	<0.5	3	0.06	818	4	36	157	1.58	<10	0.01	10		0.05	4350	<1	0.05	8
E770239	K-08-0141	97.98	98.96	QTZT	QTZT	Mineralized	P-AML	0.02	<0.5	52	30400	5.94	67	1020	1.7	<2	0.53	272	15	90	25	3.54	10	1.35	30		0.36	5100	1	0.2	50
E770235	K-08-0141	93.23	95.92	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	12	5880	1.39	14	260	<0.5	<2	0.88	64.6	4	47	8	1.06	<10	0.36	10		0.16	1505	<1	0.05	16
E770236	K-08-0141	95.92	96.97	QTZT	QTZT	Mineralized	P-AML	0.01	0.5	48	14000	0.35	15	60	<0.5	<2	0.16	147	5	28	6	0.82	<10	0.1	<10		0.05	3030	<1	0.01	9
E770237	K-08-0141	96.97	97.98	QTZT	QTZT	Mineralized	P-AML	0.01	1.4	366	14200	3.26	40	430	1	<2	0.54	138.5	9	59	27	3.44	10	0.75	10		0.34	4980	<1	0.08	27
E770275	K-08-0141	120.42	121.02	QTZT	QTZT	Mineralized	P-AML	0.02	2.8	435	9390	1.78	275	20	0.6	<2	0.07	132.5	3	45	68	4.18	10	0.19	10		0.17	4030	<1	0.1	8
E770276	K-08-0141	121.02	122.06	QTZT	QTZT	Mineralized	P-AML	0.01	0.7	63	9730	0.66	54	80	<0.5	<2	0.04	44.9	2	33	14	1.11	<10	0.22	10		0.02	1850	<1	0.01	6
E770278	K-08-0141	122.06	123.09	QTZT	QTZT	Mineralized	P-AML	<0.01	1.3	250	47600	0.23	36	30	<0.5	<2	0.09	156	6	25	17	2.59	<10	0.08	<10		0.05	9270	<1	<0.01	6
E770279	K-08-0141	123.09	124.11	QTZT	QTZT	Mineralized	P-AML	<0.01	0.9	168	14300	2.15	32	290	0.7	<2	0.1	63.5	3	60	13	1.35	<10	0.71	10		0.07	3120	<1	0.06	8
E770280	K-08-0141	124.11	127.15	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	22	6080	2.5	34	290	0.7	<2	0.41	37.5	4	53	9	1.43	<10	0.56	10		0.18	1150	<1	0.09	17
E770273	K-08-0141	119.17	119.76	QTZT	QTZT	Mineralized	P-AML	0.32	70.9	1585	11200	1.08	815	10	<0.5	244	0.04	395	7	40	96	6.61	<10	0.22	10		0.09	6020	<1	0.05	16
E770267	K-08-0141	115.91	116.54	QTZT	QTZT	Mineralized	P-AML	0.02	2	357	6060	1.15	225	120	<0.5	2	0.05	46	1	39	29	1.66	<10	0.31	10		0.06	2190	<1	0.04	4
E770281	K-08-0141	127.15	129.95	QTZT	QTZT	Mineralized	P-AML	<0.01	1.7	232	6520	1.09	8	130	<0.5	<2	0.25	43.9	4	42	20	1.03	<10	0.22	10		0.08	1320	<1	0.04	10
E770282	K-08-0141	129.95	132.59	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	15	5750	2.22	20	250	0.6	2	1.49	36.2	6	54	10	1.61	<10	0.47	10		0.19	1380	1	0.07	20
E770272	K-08-0141	118.63	119.17	QTZT	QTZT	Mineralized	P-AML	0.13	30	1060	6310	1.57	622	90	0.5	66	0.07	159	2	55	74	4.92	<10	0.32	20		0.1	4770	1	0.08	12
E770271	K-08-0141	117.95	118.63	QTZT	QTZT	Mineralized	P-AML	0.03	2.3	256	5630	0.74	1220	40	<0.5	2	0.11	87.6	4	41	61	3.49	<10	0.24	10		0.05	4280	<1	0.02	9
E770262	K-08-0141	113.54	114.01	QTZT	QTZT	Mineralized	P-AML	0.03	2.8	177	18000	1.9	157	120	0.5	<2	0.07	310	3	39	75	3.92	<10	0.35	10		0.14	7120	<1	0.1	7
E770268	K-08-0141	116.54	117.21	QTZT	QTZT	Mineralized	P-AML	0.08	7.4	636	7440	0.9	357	20	<0.5	5	0.09	113.5	4	34	172	5.3	<10	0.23	10		0.15	8940	<1	0.03	7
E770264	K-08-0141	114.57	115.01	QTZT	QTZT	Mineralized	P-AML	0.06	2.6	106	24200	1.55	113	40	0.5	5	0.11	408	4	36	47	8.21	<10	0.23	10		0.18	24100	<1	0.09	6
E770263	K-08-0141	114.01	114.57	QTZT	QTZT	Mineralized	P-AML	0.06	1.2	112	40300	0.79	205	10	<0.5	<2	0.04	390	4	24	41	1.92	<10	0.1	10		0.07	4250	<1	0.05	5
E770269	K-08-0141	117.21	117.95	QTZT	QTZT	Mineralized	P-AML	0.04	3.4	447	12700	0.84	649	40	<0.5	2	0.05	102.5	2	38	79	2.52	<10	0.21	10		0.04	3240	<1	0.03	9
E777398	K-08-0142	101.6	103.19	QTZT	QTZT	Mineralized	P-AML	0.01	4.9	226	7040	2.17	162	200	0.8	<2	0.08	85.2	2	45	85	2.7	10	0.52	10		0.1	4170	<1	0.07	7
E777399	K-08-0142	103.19	105.47	QTZT	QTZT	Mineralized	P-AML	0.02	4.7	469	7280	3.78	104	400	1	2	0.12	71.9	1	72	53	3.22	10	0.93	20		0.18	4570	<1	0.14	11
E777400	K-08-0142	105.47	107.43	QTZT	QTZT	Mineralized	P-AML	0.01	1.8	183	7440	1.98	43	50	0.6	<2	0.1	67.6	2	48	24	3.15	10	0.4	10		0.14	6270	<1	0.09	3
E777403	K-08-0142	108.7	109.9	QTZT	QTZT	Mineralized	P-AML	0.02	<0.5	140	13900	1.72	644	10	0.8	<2	0.05	76.6	3	29	8	1.64	10	0.06	10		0.18	1380	<1	0.12	5
E777404	K-08-0142	109.9	111.34	QTZT	QTZT	Mineralized	P-AML	0.14	6.8	278	13800	1.98	210	40	0.9	<2	0.04	422	4	37	70	2.21	10	0.14	10		0.18	1970	<1	0.1	7
E777406	K-08-0142	113.67	115.77	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	22	19400	2.16	20	270	0.6	<2	0.7	80.2	9	49	12	1.7	<10	0.5	10		0.21	3060	<1	0.07	24
E777405	K-08-0142	111.34	113.67	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	52	7790	0.88	18	130	<0.5	<2	0.08	22.7	3	50	7	0.88	<10	0.3	10		0.03	1660	<1	0.02	8
E777407	K-08-0142	115.77	117	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	10	7860	0.49	<5	60	<0.5	<2	2.45	18.6	3	36	4	1.55	<10	0.11	10		1.11	1290	<1	0.01	8
E777408	K-08-0142	117	117.97	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	105	5240	8.7	49	1010	2.3	<2	1.16	31.3	16	139	27	3.59	20	1.84	40		0.65	1640	1	0.29	58
E754267	K-08-0143	208.85	210.01	QTZT	QTZT	Mineralized	P-AML	1.35	36.8	526	38900	2.99	1350	250	0.7	40	0.86	384	9	14	683	14.05	<10	0.54	10		0.46	38800	1	0.84	13
E754264	K-08-0143	207.66	208.3	QTZT	QTZT	Mineralized	P-AML	0.09	29.1	470	6250	6.85	5080	210	2.1	18	0.42	61.6	24	102	313	9.22	10	2.04	30		0.47	13300	1	0.16	49
E754262	K-08-0143	207.23	207.66	QTZT	QTZT	Mineralized	P-AML	0.34	67.5	2090	114000	0.72	10000	10	<0.5	69	0.48	1000	51	7	1500	18.2	<10	0.01	30		0.29	43600	<1	0.05	32
E754269	K-08-0143	212.52	213.06	QTZT	QTZT	Mineralized	P-AML	0.08	4.9	142	10800	2.58	2310	250	1	7	0.07	130.5	12	42	54	3.89	10	0.59	20		0.18	2540	1	0.09	20
E770283	K-08-0145	60.35	62.35	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	21	19000	1.33	22	290	<0.5	3	0.23	96.6	6	44	12	1.22	<10	0.37	10		0.13	2340	<1	0.05	17
E770284	K-08-0145	62.35	64.08	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	14	5590	1.59	12	260	<0.5	<2	1.3	23.6	4	43	6	1.25	<10	0.36	10		0.21	1160	<1	0.07	12
E770298	K-08-0145	83.19	85.17	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	11	6570	1.43	63	320	<0.5	3	0.85	3.6	3	48	6	1.12	<10	0.44	10		0.15	1315	1	0.05	11
E770303	K-08-0145	90.6	91.3	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	25	5150	1.79	26	390	0.6	<2	0.39	7.9	5	52	6	1.1	<10	0.63	10		0.16	1480	1	0.04	16
E777418	K-08-0146	60	62.79	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	8	5910	0.69	13	90	<0.5	<2	0.16	42.2	3	42	7	0.8	<10	0.2	10		0.08	1030	1	0.02	11
E777436	K-08-0146	96.32	96.57	QTZT	QTZT	Mineralized	P-AML	0.01	8.2	1080	34000	0.08	118	10	<0.5	4	0.22	401	<1	<1	86	31	<10	0.02	<10		0.58	98800	<1	0.01	2
E777437	K-08-0146	96.57	98.05	QTZT	QTZT	Mineralized	P-AML	0.12	8.4	984	13700	1.87	639	170	0.6	<2	0.06	175	3	45	83	5.39	<10	0.53	10		0.12	9050	<1	0.07	5
E777443	K-08-0146	103.16	105.46	QTZT	QTZT	Mineralized	P-AML	0.29	2.5	197	7670	1.15	40	60	<0.5	<2	0.1	66.7	1	46	28	2.13	10	0.27	10		0.08	4170	<1	0.05	6
E777455	K-08-0146	114.2	114.6	QTZT	QTZT	Mineralized	P-AML	0.94	51.3	12400	137000	0.19	160	10	<0.5	<2	0.03	1000	11	8	422	10.75	<10	0.03	10		0.13	22600	<1	0.01	<1
E777445	K-08-0146	106.91	107.18	QTZT	QTZT	Mineralized	P-AML	0.72	418	86500	450100	0.17	32	<10	<0.5	<2	<0.01	1000	24	2	1935	5.03	10	0.01	<10		0.02	3180	<1	<0.01	4
E777447	K-08-0146	107.18	108.61	QTZT	QTZT	Mineralized	P-AML	<0.01	2.4	256	30300	1.12	51	60	<0.5	<2	0.05	390	3	48	38	1.93	10	0.35	20		0.06	3190	<1	0.03	6
E777451	K-08-0146	111.71	112.9	QTZT	QTZT	Mineralized	P-AML	0.01	3.5	182	6810	1.41	31	110	<0.5	7	0.17	85.1	<1	51	13	2.81	10	0.47	10		0.1	7290	<1	0.04	7
E777452	K-08-0146	112.9	113.9	QTZT	QTZT	Mineralized	P-AML	0.01	1.1	165	6390	0.74	243	20	<0.5	<2	0.04	92.1	2	45	13	1.6	<10	0.09	10		0.05	1930	<1	0.04	5
E777444	K-08-0146	105.46	106.91	QTZT	QTZT	Mineralized	P-AML	0.02	3.6	162	7710	2.32	128	30	0.8	<2	0.14	109.5	1	57	55	4.31	10	0.23	20		0.22	7940	<1	0.16	9
E777456	K-08-0146	114.6	115.18	QTZT	QTZT	Mineralized	P-AML	0.31	215	49400	331100	1.13	38	50	<0.5	<2	0.02	1000	19	20	1530	3.9	<10	0.2	10		0.06	622	<1	0.06	7
E777438	K-08-0146	98.05	99.04	QTZT	QTZT	Mineralized	P-AML	0.04	9.5	827	16600	2.03	210	230	0.6	<2	0.03	210	2	48	97	2.29	10	0.64	10		0.08	2770	1	0.07	6
E777454	K-08-0146	113.9	114.2	QTZT	QTZT	Mineralized	P-AML	0.51	105	3990	505900	0.07	48	<10	<0.5	<2	0.01	1000	33	<1	1740	8.01	<10	<0.01	<10		0.04	7540	<1	0.01	3
E777459	K-08-0146	116.84	118.9	QTZT	QTZT	Mineralized	P-AML	0.02	4.1	750	8220	3.85	90	360	0.9	3	0.29	111	5	87	38	4.4	<10	1.29	20		0.3	7790	<1	0.11	17
E777457	K-08-0146	115.18	116.84	QTZT	QTZT	Mineralized	P-AML	0.01	4.8	471	5320	4.16	57	290	1.2	2	0.18	90	3	79	48	4.59	10	1.09	20		0.29	7980	<1	0.17	13
E602898	K-08-0147	100.14	101.21	QTZT	QTZT	Mineralized	P-AML	0.02	9.7	1345	9940	0.64	37	150	<0.5	3	0.06	100.5	2	66	43	1.95	<10	0.23	10		0.05	3520	1	0.03	6
E602902	K-08-0147	102.8	103.72	QTZT	QTZT	Mineralized	P-AML	0.04	6.7	152	12100	2.84	107	360	0.9	2	0.09	96.3	3	51	93	3.58	10	0.93	20		0.12	6620	1	0.06	14
E602901	K-08-0147	101.92	102.8	QTZT	QTZT	Mineralized	P-AML	0.03	8.4	299	49100	1.55	38	20	0.6	7	0.11	404	6	89	227	7.85	<10	0.1	10		0.3	23100	<1	0.1	79
E602899	K-08-0147	101.21	101.92	QTZT	QTZT	Mineralized	P-AML	0.29	475	82300	404500	0.33	31	10	<0.5	34	0.09	1000	21	<1	1660	13.1	10	0.02	<10		0.15	32300	<1	0.03	14
E602897	K-08-0147	99.54	100.14	QTZT	QTZT	Mineralized	P-AML	0.01	1.9	189	7860	2.96	96	1210	0.9	<2	0.12	55.7	4	68	34	2.59	10	1.11	20		0.19	4040	2	0.11	20
E602920	K-08-0147	116.92	117.52	QTZT	QTZT	Mineralized	P-AML	0.01	2.9	112	6170	0.39	132	20	<0.5	<2	0.09	81	1	27	67	2.91	<10	0.13	10		0.04	9400	<1	0.01	4
E602928	K-08-0147	124.97	125.95	QTZT	QTZT	Mineralized	P-AML	0.45	36	1080	20200	0.88	606	60	<0.5	58	0.11	256	6	23	133	4.06	<10	0.11	10		0.08	6400	1	0.05	9

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E602926	K-08-0147	124.51	124.97	QTZT	QTZT	Mineralized	P-AML	0.78	358	41200	137500	0.05	77	20	<0.5	200	0.2	1000	8	<1	1940	25.7	<10	0.01	<10		0.24	80400	<1	0.01	2
E602925	K-08-0147	123.43	124.51	QTZT	QTZT	Mineralized	P-AML	1.58	41	1430	48100	0.48	240	20	<0.5	51	0.16	549	1	<1	166	30.6	<10	<0.01	<10		0.2	95000	<1	0.04	<1
E602922	K-08-0147	121.92	122.71	QTZT	QTZT	Mineralized	P-AML	0.2	16.6	1180	20600	1.93	1260	20	1	15	0.13	264	9	31	304	15.2	10	0.01	10		0.3	31600	<1	0.16	23
E602923	K-08-0147	122.71	123.43	QTZT	QTZT	Mineralized	P-AML	2.2	104	2310	124500	0.46	495	20	<0.5	111	0.11	1000	10	<1	929	27.6	<10	0.01	<10		0.2	76000	<1	0.04	1
E602919	K-08-0147	115.92	116.92	QTZT	QTZT	Mineralized	P-AML	0.04	11.9	605	33900	1.03	184	20	<0.5	11	0.13	557	4	40	191	7.95	<10	0.13	10		0.14	24300	<1	0.05	6
E602917	K-08-0147	115.21	115.92	QTZT	QTZT	Mineralized	P-AML	0.14	142	3530	132500	0.67	374	10	<0.5	262	0.06	1000	8	19	520	10	<10	0.12	20		0.1	22900	<1	<0.01	19
E602916	K-08-0147	114.62	115.21	QTZT	QTZT	Mineralized	P-AML	0.03	7.4	176	68700	0.96	54	40	<0.5	2	0.08	986	2	29	188	6.96	<10	0.26	20		0.1	19900	<1	0.02	6
E602915	K-08-0147	113.72	114.62	QTZT	QTZT	Mineralized	P-AML	0.03	2.9	189	11700	0.92	71	140	<0.5	<2	0.04	176.5	1	36	49	2.34	<10	0.31	10		0.05	5270	<1	0.02	4
E602914	K-08-0147	112.72	113.72	QTZT	QTZT	Mineralized	P-AML	0.05	3.7	164	26800	1.01	31	150	<0.5	<2	0.05	308	2	35	82	2.32	<10	0.36	10		0.04	5100	<1	0.01	7
E602913	K-08-0147	111.72	112.72	QTZT	QTZT	Mineralized	P-AML	0.05	1.1	117	5890	1.43	56	210	<0.5	<2	0.1	80.5	3	41	50	3.39	<10	0.5	10		0.08	8940	<1	0.03	7
E602921	K-08-0147	117.52	118.26	QTZT	QTZT	Mineralized	P-AML	0.01	2.1	97	8440	0.37	185	40	<0.5	<2	0.08	101	1	34	88	4.61	<10	0.12	10		0.05	13500	<1	0.01	5
E754296	K-08-0148	132.98	134.08	QTZT	QTZT	Mineralized	P-AML	0.09	183	27700	49900	0.84	357	90	<0.5	<2	0.78	481	6	19	385	1.77	<10	0.22	10		0.27	2560	<1	<0.01	14
E754295	K-08-0148	132.55	132.98	QTZT	QTZT	Mineralized	P-AML	0.1	209	8270	20700	0.42	548	50	<0.5	<2	0.52	202	4	24	374	1.08	<10	0.12	10		0.14	1250	<1	<0.01	11
E754299	K-08-0148	134.6	134.89	QTZT	QTZT	Mineralized	P-AML	0.1	361	45000	17700	3.28	104	440	0.9	<2	0.32	154	8	57	320	4.16	10	1	20		0.23	10300	<1	0.07	32
E754323	K-08-0148	173.74	173.9	QTZT	QTZT	Mineralized	P-AML	0.02	6.2	52	11800	2.63	41	100	1.3	11	0.15	160.5	2	51	110	5.56	10	0.23	30		0.4	9840	1	0.09	13
E754348	K-08-0148	207.26	207.69	QTZT	QTZT	Mineralized	P-AML	0.02	11.1	194	14500	0.27	88	50	<0.5	19	0.02	186	1	32	112	0.74	<10	0.1	10		0.01	721	<1	0.01	4
E754346	K-08-0148	205.6	206.51	QTZT	QTZT	Mineralized	P-AML	<0.01	12.4	240	8380	0.32	446	100	<0.5	17	0.03	125	1	23	44	0.67	<10	0.12	10		0.02	565	<1	0.01	2
E754343	K-08-0148	204.82	205.26	QTZT	QTZT	Mineralized	P-AML	0.01	2	63	5530	2.22	24	1160	0.5	5	0.35	76	2	48	29	1.17	10	0.79	10		0.1	1450	<1	0.06	6
E602977	K-08-0149	117.55	118.2	QTZT	QTZT	Mineralized	P-AML	0.08	11.1	282	10100	4.32	173	520	1.2	5	0.14	180	2	64	155	5.41	10	1.35	20		0.16	13650	1	0.09	11
E602975	K-08-0149	112.71	115.82	QTZT	QTZT	Mineralized	P-AML	0.01	4.2	142	15600	1.63	90	170	0.5	3	0.08	232	2	40	114	4.74	<10	0.51	10		0.08	10700	1	0.04	8
E602989	K-08-0149	124.58	125.35	QTZT	QTZT	Mineralized	P-AML	0.04	8.6	891	10100	2.68	444	60	0.9	4	0.1	142	6	66	189	6.06	10	0.38	20		0.22	7750	1	0.15	18
E602988	K-08-0149	124.05	124.58	QTZT	QTZT	Mineralized	P-AML	0.01	8.1	265	7780	1.54	67	60	<0.5	4	0.12	137.5	4	52	158	3.51	<10	0.33	10		0.13	8090	1	0.07	3
E602987	K-08-0149	123.3	124.05	QTZT	QTZT	Mineralized	P-AML	0.57	204	3410	259000	0.41	70	<10	<0.5	74	0.06	1000	23	13	7930	12.1	<10	0.01	<10		0.16	23100	<1	0.03	7
E602985	K-08-0149	122.9	123.3	QTZT	QTZT	Mineralized	P-AML	0.65	968	163000	122500	0.01	63	<10	<0.5	61	0.14	1000	6	<1	2300	20.6	10	<0.01	<10		0.32	56400	<1	0.01	<1
E602984	K-08-0149	122.2	122.9	QTZT	QTZT	Mineralized	P-AML	0.16	110	6820	69100	0.01	16	<10	<0.5	27	0.19	643	3	<1	489	29.1	<10	<0.01	<10		0.5	80200	<1	0.01	1
E602982	K-08-0149	121.55	122.2	QTZT	QTZT	Mineralized	P-AML	0.25	221	28600	122000	0.2	939	10	<0.5	48	0.13	1000	12	<1	696	22.3	<10	0.01	<10		0.35	56300	<1	0.02	6
E602981	K-08-0149	120.3	121.55	QTZT	QTZT	Mineralized	P-AML	0.01	3.9	144	8250	2.35	168	220	0.8	3	0.07	90.4	2	47	78	3.85	10	0.74	20		0.1	6360	<1	0.05	8
E602980	K-08-0149	118.92	120.3	QTZT	QTZT	Mineralized	P-AML	0.46	144	10000	98200	0.66	125	10	<0.5	79	0.07	1000	8	6	1640	17.65	<10	0.03	10		0.15	46900	<1	0.04	2
E602979	K-08-0149	118.2	118.92	QTZT	QTZT	Mineralized	P-AML	0.25	21.1	331	96600	1.65	68	90	0.5	25	0.08	1000	4	17	650	20.5	<10	0.25	10		0.19	53400	<1	0.09	4
E602964	K-08-0149	102.11	103	QTZT	QTZT	Mineralized	P-AML	0.06	17.2	462	29300	5.29	123	620	1.3	9	0.15	299	3	77	316	4.25	10	1.71	20		0.13	7400	1	0.12	12
E602962	K-08-0149	101.2	102.11	QTZT	QTZT	Mineralized	P-AML	1.75	26.6	2010	77300	1.63	79	230	0.7	8	0.09	756	10	34	285	10.4	<10	0.43	10		0.13	26100	6	0.05	23
E602965	K-08-0149	103	103.3	QTZT	QTZT	Mineralized	P-AML	0.47	6.5	112	136000	0.73	78	80	<0.5	10	0.06	1000	10	12	178	15.45	<10	0.19	<10		0.07	37100	<1	0.03	7
E602970	K-08-0149	107.45	108.2	QTZT	QTZT	Mineralized	P-AML	0.02	4.9	388	5510	7.35	239	660	3.1	6	0.19	93.7	2	110	80	9.15	20	1.61	40		0.4	14000	1	0.31	19
E602971	K-08-0149	108.2	110.3	QTZT	QTZT	Mineralized	P-AML	0.01	2.9	243	8240	6.08	177	790	1.5	2	0.15	111	4	95	50	3.99	20	1.8	30		0.17	3760	2	0.16	20
E770367	K-08-0150	137.9	138.44	QTZT	QTZT	Mineralized	P-AML	0.08	125	891	42600	1.91	156	100	0.6	<2	0.69	392	7	37	393	3.12	<10	0.27	10		0.32	4730	<1	0.1	10
E770366	K-08-0150	137	137.9	QTZT	QTZT	Mineralized	P-AML	0.09	69.6	1430	14900	0.47	158	50	<0.5	<2	0.08	151	1	28	190	2.47	<10	0.14	<10		0.08	6680	<1	0.01	7
E770376	K-08-0150	145.69	146.1	QTZT	QTZT	Mineralized	P-AML	0.09	592	81900	18700	2.88	58	360	0.8	13	0.29	185.5	6	56	499	3.02	10	0.84	20		0.18	6630	<1	0.09	21
E770385	K-08-0150	154.3	155.45	QTZT	QTZT	Mineralized	P-AML	0.04	2.5	195	5830	2.8	23	400	0.8	<2	0.11	79.7	5	51	110	2.78	10	0.82	20		0.23	3550	1	0.09	24
E770406	K-08-0150	177.6	179.22	QTZT	QTZT	Mineralized	P-AML	0.19	18.6	344	45100	1.44	93	140	0.6	11	0.17	421	7	29	256	3.43	<10	0.33	10		0.29	6110	<1	0.03	14
E770404	K-08-0150	176.37	177.6	QTZT	QTZT	Mineralized	P-AML	1.16	240	2270	433700	0.07	526	<10	<0.5	97	0.1	1000	34	<1	6180	9.55	<10	0.01	<10		0.08	12800	<1	0.01	15
E770403	K-08-0150	175.36	176.37	QTZT	QTZT	Mineralized	P-AML	0.27	73.4	1495	70000	1.7	3440	<10	0.6	55	0.09	663	23	35	645	5.42	10	0.17	60		0.16	9580	<1	0.08	23
E770399	K-08-0150	172.61	173.3	QTZT	QTZT	Mineralized	P-AML	0.28	72.9	247	187000	0.17	1860	<10	<0.5	2	0.62	1000	22	7	1175	7.18	<10	0.01	<10		0.16	14100	<1	<0.01	15
E770401	K-08-0150	173.7	174.86	QTZT	QTZT	Mineralized	P-AML	0.2	29.4	806	61500	0.81	1910	10	<0.5	15	0.26	594	13	23	363	5.62	<10	0.1	10		0.15	8550	<1	0.03	13
E770400	K-08-0150	173.3	173.7	QTZT	QTZT	Mineralized	P-AML	0.18	128	1300	242000	0.15	791	<10	<0.5	17	1.63	1000	20	6	1695	5.17	<10	0.01	10		0.44	4290	<1	<0.01	11
E770402	K-08-0150	174.86	175.36	QTZT	QTZT	Mineralized	P-AML	0.41	80.3	234	182000	0.6	1780	<10	<0.5	7	0.1	1000	20	13	1430	7.8	<10	0.04	10		0.09	14850	<1	<0.01	18
E770397	K-08-0150	171.7	172.61	QTZT	QTZT	Mineralized	P-AML	0.72	132	1810	342700	0.37	581	<10	<0.5	7	0.5	1000	23	6	2070	8.59	<10	0.01	<10		0.19	15150	<1	<0.01	10
E770396	K-08-0150	170.75	171.7	QTZT	QTZT	Mineralized	P-AML	0.86	15.5	269	40200	2.55	10000	<10	1.1	12	0.17	361	99	28	254	12.45	<10	0.02	30		0.29	25800	<1	0.15	76
E603057	K-08-0151	98.51	99.08	QTZT	QTZT	Mineralized	P-AML	1.97	61.8	2330	158500	0.98	1430	<10	0.5	66	0.19	1000	13	1	1245	20.1	<10	0.01	20		0.41	55500	<1	0.08	3
E603059	K-08-0151	100.04	101.07	QTZT	QTZT	Mineralized	P-AML	0.15	20.9	207	7500	0.67	1110	50	<0.5	6	0.06	109	2	26	96	6.35	<10	0.2	10		0.1	12550	1	0.02	6
E603035	K-08-0151	80.45	81.75	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	15	10100	0.93	47	290	<0.5	<2	0.24	38.4	6	42	21	0.86	<10	0.3	10		0.11	2110	1	0.03	18
E603034	K-08-0151	78.45	80.45	QTZT	QTZT	Mineralized	P-AML	0.02	<0.5	16	9350	0.58	48	260	<0.5	<2	0.8	26.8	6	29	18	1.02	<10	0.18	<10		0.08	3090	2	0.03	15
E603041	K-08-0151	85.94	86.97	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	12	5180	0.93	28	140	<0.5	<2	2.19	26.3	6	37	12	0.94	<10	0.29	10		0.15	1585	<1	0.03	14
E603051	K-08-0151	94.8	96.83	QTZT	QTZT	Mineralized	P-AML	0.16	8.6	261	50800	1.22	350	60	<0.5	<2	0.09	771	4	19	157	11.65	<10	0.22	10		0.21	31000	<1	0.05	5
E603065	K-08-0151	104.82	105.82	QTZT	QTZT	Mineralized	P-AML	0.01	2.8	628	9690	0.53	14	30	<0.5	4	0.24	116.5	1	32	29	5.09	<10	0.21	10		0.23	16100	1	0.01	2
E603063	K-08-0151	104.26	104.82	QTZT	QTZT	Mineralized	P-AML	0.04	3	121	26700	0.51	5	10	<0.5	<2	0.22	360	<1	34	76	4.61	<10	0.2	10		0.16	12550	1	<0.01	1
E603062	K-08-0151	103.52	104.26	QTZT	QTZT	Mineralized	P-AML	0.03	2.5	256	5580	0.56	97	40	<0.5	<2	0.13	67.6	1	28	30	7.35	<10	0.2	10		0.2	12850	1	0.01	8
E603060	K-08-0151	101.07	102.11	QTZT	QTZT	Mineralized	P-AML	0.05	3.6	195	5840	0.94	424	80	<0.5	<2	0.12	126	<1	32	122	8.5	<10	0.26	10		0.22	24100	1	0.02	8
E603058	K-08-0151	99.08	100.04	QTZT	QTZT	Mineralized	P-AML	0.25	8.1	415	24500	0.42	2690	20	<0.5	4	0.09	335	4	18	100	8.89	<10	0.13	10		0.14	20300	<1	0.01	4
E603055	K-08-0151	97.97	98.51	QTZT	QTZT	Mineralized	P-AML	0.47	2130	320900	138000	0.01	62	<10	<0.5	210	0.1	1000	8	<1	4860	13.35	<10	0.01	<10		0.24	38300	<1	<0.01	2
E603052	K-08-0151	96.83	97.37	QTZT	QTZT	Mineralized	P-AML	0.52	19.6	462	106500	0.28	3000	20	<0.5	6	0.07	1000	15	6	243	13.2	<10	0.06	<10		0.16	28900	<1	0.01	4
E603050	K-08-0151	93.69	94.8	QTZT	QTZT	Mineralized	P-AML	0.02	5	314	7730	3.46	68	500	0.9	<2	0.1	129	3	61	99	3.46	10	1.16	20		0.13	6970	<1	0.09	10
E603049	K-08-0151	92.96	93.69	QTZT	QTZT	Mineralized	P-AML	0.07	4.3	465	6070	3.31	142	510	0.9	<2	0.1	68.9	3	65	43	3.63	10	1.15	20		0.11	5950	<1	0.06	8
E603048	K-08-0151	91.36	92.96	QTZT	QTZT	Mineralized	P-AML	0.09	6.6	168	14500	1.27	142	130	<0.5	<2	0.04	442	2	35	111	3.17	<10	0.32	10		0.08	5340	<1	0.04	4
E603047	K-08-0151	90.66	91.36	QTZT	QTZT	Mineralized	P-AML	0.05	6.2	166	44800	1.86	37	<10	0.8	<2	0.1	381	2	19	122	12.6	10	0.01	10		0.34	36400	<1	0.14	1
E603045	K-08-0151	89.92	90.66	QTZT	QTZT	Mineralized	P-AML	0.82	133	1805	279000	0.58	9	<10	<0.5	34	0.08	1000	21	<1	4650	13.85	10	0.01	<10		0.21	34900	<1	0.04	2
E603044	K-08-0151	88.97	89.92	QTZT	QTZT	Mineralized	P-AML	0.04	16.1	1490	22300	4.8	205	480	1.6	4	0.16	217	3	89	118	7.08	10	1.34	20		0.28	13300	<1	0.15	11
E603054	K-08-0151	97.37	97.97	QTZT	QTZT	Mineralized	P-AML	0.26	34.4	916	39700	0.37	4060	20	<0.5	15	0.08	411	13	15	159	8.97	<10	0.08	10		0.15	21500	<1	0.01	4
E777507	K-08-0152	215.2	217.43	QTZT	QTZT	Mineralized	P-AML	<0.01	2.1	96	6310	0.43	9	40	<0.5	3	0.06	77.4	1	37	30	1.24	<10	0.15	<10		0.05	2170	1	0.01	2
E777515	K-08-0152	226.6	227.6	QTZT	QTZT	Mineralized	P-AML	0.19	99.2	1800	289000	0.01	84	<10	<0.5	130	0.2	1000	29	<1	1510	19.5	<10	<0.01	<10		0.3	49000	<1	<0.01	4
E777514	K-08-0152	225.55	226.6	QTZT	QTZT	Mineralized	P-AML	0.63	292	3160	99400	0.27	4370	<10	<0.5	131	2.61	934	28	3	2890	16	<10	<0.01	<10		1.01	43000	1	0.02	23

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E777517	K-08-0152	227.6	228.6	QTZT	QTZT	Mineralized	P-AML	0.2	166	3630	424600	0.04	173	<10	<0.5	270	0.12	1000	32	<1	1195	13.95	<10	<0.01	<10		0.15	24700	<1	<0.01	9
E777518	K-08-0152	228.6	229.7	QTZT	QTZT	Mineralized	P-AML	1.91	156	2430	250000	0.89	8750	<10	<0.5	245	0.11	1000	37	17	1040	14.55	<10	0.04	30		0.24	28600	1	0.06	9
E777519	K-08-0152	229.7	230.46	QTZT	QTZT	Mineralized	P-AML	0.27	31.5	510	63900	0.03	977	<10	<0.5	59	0.2	645	9	<1	135	29	<10	<0.01	<10		0.5	77100	<1	<0.01	1
E777521	K-08-0152	230.46	231.26	QTZT	QTZT	Mineralized	P-AML	0.73	65.4	1080	164500	0.2	10000	10	<0.5	94	0.08	1000	40	8	1355	12.2	<10	0.05	<10		0.07	9000	<1	<0.01	15
E754423	K-08-0153	98.88	99.42	QTZT	QTZT	Mineralized	P-AML	0.03	8.2	241	36100	0.56	152	30	<0.5	13	0.1	263	6	25	41	7.39	<10	0.18	10		0.17	26400	<1	0.01	7
E754404	K-08-0153	88.62	89.04	QTZT	QTZT	Mineralized	P-AML	0.22	16.5	445	14600	3.45	951	310	0.8	3	0.1	301	5	65	163	10.85	10	1.02	40		0.19	21500	<1	0.08	9
E754405	K-08-0153	89.04	90.27	QTZT	QTZT	Mineralized	P-AML	0.35	48.5	699	50100	3.61	427	380	0.9	5	0.07	744	6	62	639	7.95	10	1.09	20		0.15	17000	<1	0.09	6
E754406	K-08-0153	90.27	90.89	QTZT	QTZT	Mineralized	P-AML	<0.01	2.8	142	5250	1.38	85	110	<0.5	<2	0.06	68.6	2	46	56	2.93	<10	0.37	10		0.08	6440	<1	0.04	4
E754409	K-08-0153	92.84	94.14	QTZT	QTZT	Mineralized	P-AML	0.07	5.8	146	9280	1.22	107	90	<0.5	2	0.07	170	3	37	258	4.59	<10	0.32	10		0.07	9540	<1	0.03	6
E754410	K-08-0153	94.14	95.1	QTZT	QTZT	Mineralized	P-AML	0.34	20.7	728	93400	2.27	83	190	0.7	13	0.1	1000	11	44	722	12.2	<10	0.6	10		0.17	32000	<1	0.07	9
E754412	K-08-0153	95.1	95.5	QTZT	QTZT	Mineralized	P-AML	0.79	50.2	877	30800	1.78	764	80	0.9	40	0.09	326	9	35	2410	11.95	<10	0.23	10		0.18	32400	<1	0.09	8
E754413	K-08-0153	95.5	95.79	QTZT	QTZT	Mineralized	P-AML	0.31	996	168500	144000	0.03	26	<10	<0.5	246	0.09	1000	16	<1	1455	18	<10	<0.01	<10		0.21	48700	<1	<0.01	5
E754416	K-08-0153	96.29	96.62	QTZT	QTZT	Mineralized	P-AML	0.45	476	34900	185500	0.01	17	<10	<0.5	480	0.09	1000	22	<1	2920	22.1	<10	<0.01	<10		0.15	60300	<1	<0.01	1
E754419	K-08-0153	97.02	97.53	QTZT	QTZT	Mineralized	P-AML	0.16	37.1	682	54000	3.09	192	230	0.7	14	0.13	1000	13	61	686	8.64	<10	0.76	20		0.18	27000	<1	0.1	12
E754436	K-08-0153	111.53	113.26	QTZT	QTZT	Mineralized	P-AML	0.01	2.4	345	9460	3.44	99	380	0.8	3	0.14	57.8	4	71	54	4.12	10	1.06	20		0.18	8000	1	0.09	22
E754421	K-08-0153	97.89	98.88	QTZT	QTZT	Mineralized	P-AML	0.03	6.5	262	30300	3.14	303	410	0.9	3	0.06	570	6	56	71	4.76	10	0.98	20		0.15	12150	<1	0.08	9
E754401	K-08-0153	86.87	87.48	QTZT	QTZT	Mineralized	P-AML	0.04	51.5	7950	77600	0.59	386	50	<0.5	5	0.07	878	6	22	398	5.68	<10	0.15	10		0.05	11100	<1	0.02	6
E754424	K-08-0153	99.42	99.67	QTZT	QTZT	Mineralized	P-AML	0.06	24.3	672	29500	2.44	322	250	0.7	30	0.05	1000	5	54	153	5.43	10	0.61	20		0.15	12600	2	0.04	12
E754426	K-08-0153	100.66	101.52	QTZT	QTZT	Mineralized	P-AML	0.14	4.8	213	12800	0.52	141	50	<0.5	3	0.03	257	2	28	80	2.97	<10	0.2	10		0.05	7110	<1	<0.01	3
E754427	K-08-0153	101.52	102.29	QTZT	QTZT	Mineralized	P-AML	0.01	5.8	813	17100	6.43	80	150	2.2	<2	0.29	337	16	66	138	9.94	20	1.58	10		1.24	13750	1	0.04	34
E754432	K-08-0153	107.78	109.33	QTZT	QTZT	Mineralized	P-AML	0.01	1.9	205	5250	1.53	49	180	0.5	4	0.13	51.6	1	62	47	2.16	10	0.49	10		0.12	4760	1	0.06	5
E754435	K-08-0153	110.33	111.53	QTZT	QTZT	Mineralized	P-AML	0.04	4.1	329	14800	2.6	681	190	0.6	5	0.12	176.5	4	62	148	6.53	10	0.75	10		0.21	15000	1	0.08	11
E754420	K-08-0153	97.53	97.89	QTZT	QTZT	Mineralized	P-AML	0.37	8.7	467	31300	1.36	889	50	<0.5	11	0.11	958	15	32	148	11.5	<10	0.29	20		0.17	28200	<1	0.05	10
E754403	K-08-0153	88.24	88.62	QTZT	QTZT	Mineralized	P-AML	0.22	293	47500	50700	0.73	1280	60	<0.5	32	0.06	711	10	27	591	5.71	<10	0.16	<10		0.07	11850	<1	0.03	6
E754402	K-08-0153	87.48	88.24	QTZT	QTZT	Mineralized	P-AML	0.21	68	2910	36800	0.62	1605	60	<0.5	21	0.04	567	10	25	308	7.68	<10	0.15	<10		0.07	12450	<1	0.02	7
E754392	K-08-0153	75.54	78.54	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	16	6320	3.27	40	490	0.9	<2	0.74	32.5	6	70	16	1.94	10	0.77	20		0.27	1550	<1	0.14	24
E754394	K-08-0153	81.53	84.49	QTZT	QTZT	Mineralized	P-AML	0.01	0.6	55	6710	3.4	58	550	0.9	<2	1.01	24.1	9	64	16	2.13	10	0.83	20		0.33	2310	<1	0.11	34
E754397	K-08-0153	85.5	85.97	QTZT	QTZT	Mineralized	P-AML	0.14	147	2560	31100	1.42	942	120	0.5	4	0.08	301	9	42	312	4.65	<10	0.25	10		0.09	8340	<1	0.07	8
E754398	K-08-0153	85.97	86.64	QTZT	QTZT	Mineralized	P-AML	0.2	14.3	1185	13900	1.54	2100	30	0.6	8	0.07	279	16	45	80	4.97	<10	0.13	20		0.13	8310	<1	0.1	11
E754400	K-08-0153	86.64	86.87	QTZT	QTZT	Mineralized	P-AML	0.15	25.9	1865	61900	0.4	259	10	<0.5	8	0.03	892	6	23	379	4.52	<10	0.1	10		0.04	10250	<1	0.01	2
E754418	K-08-0153	96.62	97.02	QTZT	QTZT	Mineralized	P-AML	0.84	109	4800	67200	1.36	652	30	<0.5	49	0.16	806	12	36	599	12.65	<10	0.31	20		0.19	39600	<1	0.04	10
E754414	K-08-0153	95.79	96.29	QTZT	QTZT	Mineralized	P-AML	0.79	2890	402600	105500	0.03	28	<10	<0.5	652	0.08	1000	9	<1	5680	12.45	<10	<0.01	<10		0.14	33900	<1	<0.01	1
E754463	K-08-0154	189.25	192.18	QTZT	QTZT	Mineralized	P-AML	0.08	4	58	8990	2.52	549	350	0.8	<2	0.57	19.2	12	52	20	3.81	<10	0.72	20		0.28	6160	<1	0.08	27
E603098	K-08-0155	75.9	78.94	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	4	5420	0.81	23	110	<0.5	5	0.98	26.6	4	36	4	0.88	<10	0.21	10		0.13	1275	1	0.03	11
E603099	K-08-0155	78.94	81.99	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	8	5670	1.12	31	160	<0.5	3	0.73	29.3	4	45	5	1.01	<10	0.31	10		0.14	1395	1	0.03	13
E603142	K-08-0155	134.36	135.08	QTZT	QTZT	Mineralized	P-AML	2.72	11.6	256	5060	3.19	10000	10	1.2	26	0.13	57.4	122	67	10	16.1	10	0.03	30		0.35	19000	1	0.24	83
E603107	K-08-0155	100.28	103.33	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	13	7740	2.2	34	350	0.6	<2	1.16	21.8	6	54	9	1.84	10	0.56	10		0.31	1830	<1	0.08	18
E603140	K-08-0155	132.5	133.81	QTZT	QTZT	Mineralized	P-AML	0.14	16.4	1670	25100	1.62	448	70	0.6	4	0.09	263	8	45	151	5.94	<10	0.37	10		0.16	10950	1	0.05	13
E603132	K-08-0155	126.7	127.71	QTZT	QTZT	Mineralized	P-AML	0.25	802	121500	173000	0.01	<5	<10	<0.5	33	0.15	1000	10	<1	6700	20.3	<10	<0.01	<10		0.34	56000	1	<0.01	4
E603133	K-08-0155	127.71	128.35	QTZT	QTZT	Mineralized	P-AML	0.39	31.6	1840	46700	0.06	7	<10	<0.5	30	0.12	441	<1	<1	243	31.8	<10	<0.01	<10		0.47	81500	1	<0.01	<1
E603134	K-08-0155	128.35	128.8	QTZT	QTZT	Mineralized	P-AML	1.67	6.4	148	11100	0.8	829	40	<0.5	2	0.1	117.5	5	32	156	15.25	<10	0.15	10		0.24	43400	2	0.03	9
E603135	K-08-0155	128.8	129.75	QTZT	QTZT	Mineralized	P-AML	0.29	16	272	94300	0.11	42	<10	<0.5	13	0.24	874	8	<1	323	26.7	<10	<0.01	<10		0.56	81400	<1	<0.01	8
E603136	K-08-0155	129.75	130.76	QTZT	QTZT	Mineralized	P-AML	0.3	29.1	2460	137000	0.15	7	10	<0.5	11	0.17	1000	11	<1	487	24	<10	0.04	<10		0.41	68600	<1	<0.01	9
E603129	K-08-0155	125.44	126.16	QTZT	QTZT	Mineralized	P-AML	0.45	277	16100	270000	0.01	5	<10	<0.5	14	0.25	1000	15	<1	1960	19.25	<10	<0.01	<10		0.32	51600	1	<0.01	<1
E603139	K-08-0155	131.54	132.5	QTZT	QTZT	Mineralized	P-AML	0.28	40.5	1630	92200	0.1	16	<10	<0.5	18	0.19	863	3	<1	481	26.5	<10	0.01	<10		0.49	72800	1	<0.01	3
E603128	K-08-0155	124.66	125.44	QTZT	QTZT	Mineralized	P-AML	0.5	402	20800	401600	<0.01	<5	<10	<0.5	57	0.17	1000	14	<1	2970	17	<10	<0.01	<10		0.27	41200	<1	<0.01	5
E603141	K-08-0155	133.81	134.36	QTZT	QTZT	Mineralized	P-AML	0.78	28.2	250	109500	2.64	10000	70	1.3	10	0.13	1000	50	35	443	15.75	10	0.23	20		0.45	33200	<1	0.12	46
E603143	K-08-0155	135.08	135.7	QTZT	QTZT	Mineralized	P-AML	0.03	1.4	77	5810	1.44	1140	180	<0.5	<2	0.08	71.2	4	56	64	2.27	<10	0.44	10		0.07	4090	1	0.03	9
E603144	K-08-0155	135.7	136.86	QTZT	QTZT	Mineralized	P-AML	0.02	3.1	243	5240	1.02	141	130	<0.5	<2	0.09	58.9	1	52	37	2.32	<10	0.36	10		0.06	4810	1	0.02	11
E603138	K-08-0155	130.76	131.54	QTZT	QTZT	Mineralized	P-AML	0.8	50.4	4520	80500	0.64	330	30	<0.5	18	0.19	725	14	8	468	23.4	<10	0.07	10		0.46	64100	1	0.03	11
E603119	K-08-0155	119.27	119.62	QTZT	QTZT	Mineralized	P-AML	0.02	14.3	447	11000	5.16	425	300	1.1	6	0.25	80.7	6	82	131	7.22	10	1.55	20		0.26	13550	2	0.12	25
E603112	K-08-0155	112.47	113.3	QTZT	QTZT	Mineralized	P-AML	<0.01	7	343	13800	0.51	103	40	<0.5	11	0.12	161.5	2	36	111	4.35	<10	0.18	10		0.15	8460	1	0.01	3
E603113	K-08-0155	113.3	115.64	QTZT	QTZT	Mineralized	P-AML	<0.01	2	81	5460	0.65	57	80	<0.5	3	0.09	48.3	1	48	64	2.07	<10	0.24	10		0.05	2620	<1	0.01	5
E603114	K-08-0155	115.64	116.24	QTZT	QTZT	Mineralized	P-AML	0.1	7.8	279	23000	0.79	6740	20	<0.5	10	0.14	164	32	27	86	11.1	<10	0.07	10		0.24	30500	<1	0.05	22
E603115	K-08-0155	116.24	118.07	QTZT	QTZT	Mineralized	P-AML	<0.01	2.3	271	5820	2.7	115	440	0.7	2	0.15	36.6	5	60	20	3.74	10	0.91	20		0.22	7890	<1	0.06	18
E603131	K-08-0155	126.16	126.7	QTZT	QTZT	Mineralized	P-AML	0.47	340	23500	486500	0.03	<5	10	<0.5	103	0.18	1000	24	<1	3300	9.17	<10	<0.01	<10		0.12	14700	<1	<0.01	4
E603118	K-08-0155	118.57	119.27	QTZT	QTZT	Mineralized	P-AML	0.15	30.9	529	34900	1.88	6380	80	0.8	14	0.29	278	17	32	169	15.8	<10	0.31	10		0.48	47000	<1	0.09	18
E603108	K-08-0155	103.33	106.38	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	31	5220	1.81	22	350	0.6	3	0.63	18.6	5	53	7	1.31	<10	0.65	10		0.16	1490	<1	0.05	13
E603120	K-08-0155	119.62	120.62	QTZT	QTZT	Mineralized	P-AML	0.21	9.6	228	32100	0.53	10000	20	<0.5	10	0.09	349	22	20	133	13.9	<10	0.12	<10		0.21	27800	<1	0.02	12
E603121	K-08-0155	120.62	121.62	QTZT	QTZT	Mineralized	P-AML	0.11	5	173	19500	0.28	6270	10	<0.5	8	0.13	160	25	3	107	26.1	10	0.01	20		0.39	65700	<1	0.02	22
E603123	K-08-0155	121.62	122.06	QTZT	QTZT	Mineralized	P-AML	0.12	9.8	200	15000	1.44	1655	10	0.9	11	0.25	73	11	11	71	28.4	<10	0.01	10		0.62	89300	2	0.11	9
E603124	K-08-0155	122.06	122.86	QTZT	QTZT	Mineralized	P-AML	0.42	89.2	2640	237000	0.03	10	<10	<0.5	93	0.09	1000	13	<1	1120	21.7	<10	<0.01	<10		0.28	53800	<1	<0.01	<1
E603125	K-08-0155	122.86	123.56	QTZT	QTZT	Mineralized	P-AML	0.4	295	9580	231000	0.03	30	<10	<0.5	73	0.1	1000	14	<1	2270	22	<10	<0.01	<10		0.32	56700	<1	<0.01	4
E603126	K-08-0155	123.56	124.1	QTZT	QTZT	Mineralized	P-AML	0.47	365	8330	269000	0.13	7	<10	<0.5	252	0.11	1000	18	<1	3000	19.55	<10	<0.01	<10		0.29	46700	<1	<0.01	5
E603127	K-08-0155	124.1	124.66	QTZT	QTZT	Mineralized	P-AML	0.09	341	4020	248000	0.01	<5	<10	<0.5	62	0.1	1000	17	<1	4970	21.6	<10	<0.01	<10		0.31	53800	1	<0.01	7
E603117	K-08-0155	118.07	118.57	QTZT	QTZT	Mineralized	P-AML	0.31	9.6	252	13000	1.65	3650	90	0.7	5	0.19	76	16	25	94	18.75	<10	0.3	10		0.43	39000	<1	0.07	21
E770451	K-08-0156	67.23	69.43	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	67	6080	0.96	15	140	<0.5	<2	0.23	29.3	3	40	8	1.4	<10	0.33	10		0.09	2890	<1	0.03	13
E770473	K-08-0156	92.62	93.1	QTZT	QTZT	Mineralized	P-AML	1	1125	126000	172500	0.35	131	10	<0.5	136	0.1	1000	10	5	3370	15.55	<10	0.02	<10		0.3	44200	<1	0.02	2
E770479	K-08-0156	95.8	96.26	QTZT	QTZT	Mineralized	P-AML	<0.01	1.4	86	7670	0.34	84	20	<0.5	3	0.05	69.9	1	36	37	4.93	<10	0.09	10		0.09	16150	1	0.01	21
E770475	K-08-0156	93.1	94.1	QTZT	QTZT	Mineralized	P-AML	0.05	12.9	917	10300	0.68	1340	10	<0.5	<2	0.09	172.5	5	33	82	2.47	<10	0.06	20		0.11	5920	1	0.05	4

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E770465	K-08-0156	87.06	88.02	QTZT	QTZT	Mineralized	P-AML	0.01	4.3	1165	6190	1.97	71	390	0.5	<2	0.15	85.7	3	53	24	5.33	<10	0.63	10		0.25	15000	2	0.07	8
E770470	K-08-0156	90.53	91.25	QTZT	QTZT	Mineralized	P-AML	0.53	4.8	256	15400	2.32	285	70	0.9	12	0.13	139.5	7	36	154	11.2	<10	0.32	20		0.29	28200	1	0.12	19
E770467	K-08-0156	88.88	89.63	QTZT	QTZT	Mineralized	P-AML	0.03	6.3	615	15700	2.49	84	230	0.7	<2	0.16	310	2	45	66	5.27	<10	0.7	10		0.21	16650	1	0.07	9
E770469	K-08-0156	89.63	90.53	QTZT	QTZT	Mineralized	P-AML	0.08	5.6	236	12700	1.02	140	40	<0.5	4	0.07	188	2	33	138	5.79	<10	0.22	10		0.12	16050	1	0.03	6
E770471	K-08-0156	91.25	92.06	QTZT	QTZT	Mineralized	P-AML	0.25	92.1	1860	54100	1.21	137	30	0.5	38	0.09	776	5	26	957	10.1	<10	0.14	10		0.23	27600	1	0.07	5
E770472	K-08-0156	92.06	92.62	QTZT	QTZT	Mineralized	P-AML	1.23	148	2850	138500	0.94	228	<10	0.5	106	0.1	1000	13	5	2190	21.4	<10	0.01	<10		0.36	58500	<1	0.07	10
E770486	K-08-0156	101.9	102.4	QTZT	QTZT	Mineralized	P-AML	<0.01	0.6	77	43800	0.69	71	70	<0.5	2	0.11	92.9	13	28	7	1.82	<10	0.19	10		0.02	8010	<1	0.03	19
E603221	K-08-0157	109	110	QTZT	QTZT	Mineralized	P-AML	0.01	0.5	27	7400	0.46	38	20	<0.5	<2	0.03	92.7	1	35	27	1.13	<10	0.15	10		0.03	2130	<1	0.02	3
E603213	K-08-0157	102.5	103.5	QTZT	QTZT	Mineralized	P-AML	0.27	113	7590	117000	0.15	79	<10	<0.5	26	0.12	1000	5	<1	738	24.6	10	<0.01	<10		0.38	72000	<1	<0.01	8
E603214	K-08-0157	103.5	104	QTZT	QTZT	Mineralized	P-AML	0.31	8.8	74	6930	1.91	274	20	1.1	3	0.06	66.9	2	36	44	2.54	10	0.06	10		0.25	2780	<1	0.16	6
E603217	K-08-0157	105	106	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	30	11100	0.59	57	40	<0.5	3	0.02	45.3	2	26	6	1.52	<10	0.13	10		0.05	3190	1	0.02	4
E603209	K-08-0157	100	101	QTZT	QTZT	Mineralized	P-AML	0.04	70.5	559	8690	0.97	170	10	<0.5	18	0.09	92.6	2	36	528	5.02	10	0.1	10		0.15	11350	1	0.06	6
E603220	K-08-0157	108	109	QTZT	QTZT	Mineralized	P-AML	0.05	0.6	104	10700	2.03	64	180	0.6	4	0.06	57.5	2	50	26	2.92	10	0.53	10		0.11	6050	<1	0.08	6
E603222	K-08-0157	110	111	QTZT	QTZT	Mineralized	P-AML	<0.01	0.9	122	9930	1.34	77	80	<0.5	<2	0.05	73.1	3	51	20	2	10	0.35	10		0.07	2900	<1	0.05	7
E603219	K-08-0157	107	108	QTZT	QTZT	Mineralized	P-AML	<0.01	1.1	135	5710	2.02	53	170	0.5	3	0.13	94	2	44	26	3.5	10	0.48	10		0.27	7360	1	0.09	9
E603207	K-08-0157	99	100	QTZT	QTZT	Mineralized	P-AML	0.06	4.6	160	11200	0.53	227	30	<0.5	7	0.03	50.7	2	26	40	1.08	<10	0.08	10		0.04	1940	1	0.03	4
E603199	K-08-0157	92	93	QTZT	QTZT	Mineralized	P-AML	0.03	6.6	437	63400	2.45	80	230	0.6	<2	0.6	513	9	68	142	8.6	10	0.65	10		0.56	23600	<1	0.03	17
E603200	K-08-0157	93	94	QTZT	QTZT	Mineralized	P-AML	0.01	2.3	331	16600	1.72	71	170	0.6	<2	0.11	44.2	3	57	20	3.21	10	0.56	10		0.15	8170	<1	0.03	7
E603201	K-08-0157	94	95	QTZT	QTZT	Mineralized	P-AML	0.01	1.3	259	6640	2.71	152	410	0.7	<2	0.12	67.8	3	56	9	4.01	10	0.97	10		0.17	9690	1	0.07	10
E603202	K-08-0157	95	96	QTZT	QTZT	Mineralized	P-AML	0.01	1.7	351	5910	1.32	75	290	<0.5	<2	0.18	54.1	2	32	65	5.8	<10	0.45	10		0.28	20200	1	0.04	9
E603203	K-08-0157	96	97	QTZT	QTZT	Mineralized	P-AML	0.12	11	261	33500	2.7	86	330	0.9	3	0.13	242	4	42	333	9.54	10	0.85	20		0.24	29700	<1	0.06	14
E603204	K-08-0157	97	97.75	QTZT	QTZT	Mineralized	P-AML	0.07	11.7	408	45000	0.81	23	50	<0.5	7	0.08	491	3	24	211	5.57	<10	0.24	10		0.12	16100	<1	0.02	6
E603205	K-08-0157	97.75	98.25	QTZT	QTZT	Mineralized	P-AML	0.27	68.5	8570	117500	0.38	35	10	<0.5	12	0.17	1000	6	1	569	23.3	10	0.02	<10		0.49	68900	<1	0.02	10
E770546	K-08-0158	105.4	108.33	QTZT	QTZT	Mineralized	P-AML	<0.01	1.6	795	7980	1.18	15	180	<0.5	<2	1.36	13	4	47	3	2.33	<10	0.38	10		0.17	9870	<1	0.06	18
E770548	K-08-0158	111	113.67	QTZT	QTZT	Mineralized	P-AML	<0.01	0.5	50	8290	1.48	34	390	<0.5	<2	1.07	7.2	5	44	13	1.45	10	0.48	10		0.22	2440	<1	0.05	20
E770569	K-08-0158	135.72	136.88	QTZT	QTZT	Mineralized	P-AML	0.67	44.6	351	33900	0.97	3540	20	<0.5	40	0.1	452	12	25	1000	14	<10	0.16	20		0.22	25400	<1	0.06	11
E770570	K-08-0158	136.88	137.78	QTZT	QTZT	Mineralized	P-AML	0.03	6.6	171	11600	2.49	43	330	0.7	9	0.08	135	4	60	67	2.73	10	0.75	10		0.17	1790	<1	0.06	16
E770571	K-08-0158	137.78	138.6	QTZT	QTZT	Mineralized	P-AML	0.01	3.4	110	5450	3.43	78	470	0.9	8	0.14	61.8	4	65	71	3.4	10	0.97	20		0.2	2530	<1	0.1	18
E770572	K-08-0158	138.6	139.58	QTZT	QTZT	Mineralized	P-AML	0.03	13.7	306	20100	0.7	3620	50	<0.5	15	0.07	250	8	36	215	5.7	<10	0.16	10		0.11	7700	<1	0.03	11
E770573	K-08-0158	139.58	140.37	QTZT	QTZT	Mineralized	P-AML	0.01	3.1	175	5530	4.32	48	600	1.2	3	0.14	45.6	5	76	35	3.56	10	1.18	30		0.33	3050	<1	0.12	25
E770574	K-08-0158	140.37	140.47	QTZT	QTZT	Mineralized	P-AML	0.23	302	1070	384700	0.42	4370	10	<0.5	635	0.03	1000	23	4	1220	15.5	<10	0.01	10		0.09	2380	<1	0.01	26
E770576	K-08-0158	140.47	141.49	QTZT	QTZT	Mineralized	P-AML	0.03	4.3	60	5630	2.08	1100	310	0.5	8	0.1	68	6	67	34	2.52	10	0.62	10		0.11	2200	<1	0.05	15
E770579	K-08-0158	143.4	144.4	QTZT	QTZT	Mineralized	P-AML	0.06	8.5	304	9810	1.52	2360	150	<0.5	10	0.14	111.5	7	40	72	9.17	<10	0.34	10		0.31	20600	1	0.04	12
E770578	K-08-0158	142.39	143.4	QTZT	QTZT	Mineralized	P-AML	0.02	2.2	118	11100	0.96	16	80	<0.5	5	0.12	119.5	2	44	43	3.72	<10	0.19	10		0.15	7160	<1	0.02	8
E770586	K-08-0158	148.1	149.05	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	5	7310	0.49	15	70	<0.5	<2	3.99	23.4	5	25	5	1.32	<10	0.1	10		0.56	2160	<1	0.01	7
E770581	K-08-0158	144.4	144.95	QTZT	QTZT	Mineralized	P-AML	0.07	20.7	398	24800	0.33	230	20	<0.5	35	0.1	315	1	26	90	8.25	<10	0.04	10		0.2	16300	<1	0.01	3
E770566	K-08-0158	134.1	135.02	QTZT	QTZT	Mineralized	P-AML	0.23	25.3	140	38200	0.54	1080	10	<0.5	18	0.11	497	7	35	655	10.3	<10	0.04	10		0.23	33500	<1	0.05	2
E770565	K-08-0158	133.81	134.1	QTZT	QTZT	Mineralized	P-AML	0.15	51	906	117500	1.38	215	20	0.6	11	0.06	1000	13	17	535	3.99	<10	0.04	<10		0.14	8230	<1	0.1	9
E770564	K-08-0158	131.83	133.81	QTZT	QTZT	Mineralized	P-AML	0.03	28.9	254	16300	4.56	90	320	1.3	6	0.2	131.5	7	75	289	4.16	10	0.92	30		0.28	6390	<1	0.22	13
E770563	K-08-0158	130.76	131.83	QTZT	QTZT	Mineralized	P-AML	0.03	21.3	147	17800	1.45	115	70	<0.5	3	0.59	197	8	55	201	2.84	<10	0.28	10		0.31	3980	<1	0.05	14
E756817	K-10-0240	33.53	34.88	QTZT	QTZT	Mineralized	P-AML	<0.01	2.3	79	8920	1.21	111	10	0.5	2	0.11	145	<1	41	51	14.95	<10	0.11	10		0.37	42100	<1	0.1	3
E756815	K-10-0240	32.09	33.53	QTZT	QTZT	Mineralized	P-AML	0.39	30.1	1460	37300	0.91	181	<10	<0.5	31	0.09	593	<1	37	591	15.25	<10	0.09	10		0.3	37500	<1	0.07	18
E778101	K-08-0175	76.5	77.95	QTZT	QTZT	Mineralized	P-AML	0.04	4.3	214	14200	0.48	508	10	<0.5	2	0.1	179	<1	27	267	11.45	<10	0.09	10		0.13	22000	<1	0.03	3
E778131	K-08-0175	126.02	126.43	QTZT	QTZT	Mineralized	P-AML	0.02	3.8	137	11300	1.89	919	270	<0.5	5	0.41	127	7	64	69	7.25	<10	0.17	10		0.64	12400	1	0.02	18
E778132	K-08-0175	126.43	127.43	QTZT	QTZT	Mineralized	P-AML	0.01	2.3	135	13200	2.3	88	540	0.5	4	0.33	131.5	6	69	21	3.09	<10	0.45	10		0.52	3160	1	0.09	23
E778133	K-08-0175	127.43	128.43	QTZT	QTZT	Mineralized	P-AML	0.02	3.2	332	14400	1.31	67	170	<0.5	4	1.29	159	4	79	46	5.11	<10	0.18	10		0.47	10150	2	0.02	17
E778134	K-08-0175	128.43	128.8	QTZT	QTZT	Mineralized	P-AML	0.03	29.4	1370	101500	0.87	964	150	<0.5	39	0.11	1000	20	29	289	6.27	<10	0.13	<10		0.16	7010	<1	0.01	29
E778142	K-08-0175	135.06	136.06	QTZT	QTZT	Mineralized	P-AML	<0.01	2.2	59	6550	1.41	24	240	<0.5	2	0.07	76.6	2	42	47	3.7	<10	0.27	10		0.46	1250	<1	0.02	15
E778141	K-08-0175	133.12	135.06	QTZT	QTZT	Mineralized	P-AML	<0.01	4.1	87	6190	1.48	9	340	<0.5	3	0.07	86.8	2	44	113	2.85	<10	0.4	10		0.35	874	1	0.02	18
E778143	K-08-0175	136.06	137.06	QTZT	QTZT	Mineralized	P-AML	0.13	4.1	170	14400	3.57	45	410	0.9	<2	0.24	135.5	9	80	117	7.96	<10	0.71	20		0.88	8410	1	0.12	33
E778145	K-08-0175	137.06	137.57	QTZT	QTZT	Mineralized	P-AML	0.09	16.9	367	28400	0.31	140	20	<0.5	21	0.09	328	3	30	170	4.84	<10	0.02	<10		0.08	4280	<1	0.02	8
E778147	K-08-0175	137.57	138.57	QTZT	QTZT	Mineralized	P-AML	<0.01	2.4	133	10800	0.47	29	50	<0.5	<2	0.11	96.3	3	39	25	2.33	<10	0.09	<10		0.1	2460	<1	0.01	11
E778148	K-08-0175	138.57	139.57	QTZT	QTZT	Mineralized	P-AML	0.01	4.4	137	10500	0.56	31	50	<0.5	3	0.14	109	2	39	51	3.55	<10	0.11	<10		0.16	8010	<1	0.01	9
E778150	K-08-0175	139.57	142.14	QTZT	QTZT	Mineralized	P-AML	<0.01	1.2	47	6410	0.79	17	90	<0.5	<2	0.77	56.4	4	55	35	1.82	<10	0.2	10		0.16	2500	<1	0.02	11
E778155	K-08-0175	151.05	152.95	QTZT	QTZT	Mineralized	P-AML	0.01	<0.5	9	6720	0.8	<5	140	<0.5	<2	1.51	23.8	5	42	2	0.85	<10	0.26	10		0.11	1800	<1	0.02	15
E778238	K-08-0177	143.55	145.02	QTZT	QTZT	Mineralized	P-AML	0.01	3	348	6740	1.38	10	150	<0.5	3	1.96	56.7	4	49	34	2.23	<10	0.38	10		0.24	2970	1	0.03	15
E778240	K-08-0177	145.02	146	QTZT	QTZT	Mineralized	P-AML	0.03	4.8	286	6290	0.74	62	40	<0.5	6	0.2	85.2	1	44	57	3.56	<10	0.14	10		0.17	4330	2	0.01	10
E778241	K-08-0177	146	148	QTZT	QTZT	Mineralized	P-AML	0.02	3.3	332	5040	0.84	24	70	<0.5	4	1.17	57.4	2	73	32	2.21	<10	0.24	10		0.16	3170	1	0.02	10
E778231	K-08-0177	134	135.5	QTZT	QTZT	Mineralized	P-AML	0.01	1.6	219	13500	0.98	17	140	<0.5	2	1.08	57.2	8	47	19	2.47	<10	0.32	10		0.14	7290	1	0.03	19
E756737	K-10-0237	29.57	31.55	QTZT	QTZT	Mineralized	P-AML	0.14	11.7	865	6920	1.39	437	130	0.5	7	0.01	112.5	<1	47	109	4.12	<10	0.35	20		0.06	1430	1	0.04	<1
E756740	K-10-0237	31.85	33.78	QTZT	QTZT	Mineralized	P-AML	<0.01	2.9	446	17350	0.56	91	110	<0.5	<2	0.03	36.2	1	69	6	1.49	<10	0.2	10		0.02	1750	3	0.01	2
E756739	K-10-0237	31.55	31.85	QTZT	QTZT	Mineralized	P-AML	0.02	96	9740	5620	1.47	412	200	<0.5	<2	0.09	132.5	1	69	53	4.27	<10	0.43	20		0.13	8810	2	0.04	1
E756881	K-10-0241	79.25	80.77	QTZT	QTZT	Mineralized	P-AML	0.01	1.4	471	27500	0.53	30	80	<0.5	<2	0.13	33.5	3	43	4	2.06	<10	0.16	10		0.07	7990	<1	0.02	6
E756882	K-10-0241	80.77	82.14	QTZT	QTZT	Mineralized	P-AML	<0.01	<0.5	118	11100	0.52	18	80	<0.5	<2	0.08	37.9	4	41	3	0.99	<10	0.15	10		0.03	3180	<1	0.01	6
E756883	K-10-0241	82.14	84.12	QTZT	QTZT	Mineralized	P-AML	<0.01	0.9	164	5850	1.16	40	190	<0.5	<2	0.09	26.8	1	52	8	2.98	<10	0.36	10		0.1	7050	1	0.03	3
E756896	K-10-0241	92.15	92.96	QTZT	QTZT	Mineralized	P-AML	0.01	6	966	18450	2.37	216	40	0.9	4	0.12	123	1	90	52	4.14	10	0.2	20		0.23	6180	1	0.16	3
E756898	K-10-0241	92.96	93.68	QTZT	QTZT	Mineralized	P-AML	0.02	1.9	382	23400	0.75	279	20	<0.5	<2	0.06	94.3	2	42	57	3.7	<10	0.12	20		0.1	6050	2	0.04	7
E756899	K-10-0241	93.68	94.03	QTZT	QTZT	Mineralized	P-AML	0.01	1.9	267	6560	0.44	88	20	<0.5	<2	0.04	61.4	<1	51	36	1.39	<10	0.12	20		0.04	1830	2	0.02	3
E756923	K-10-0244	94.32	95.56	QTZT	QTZT	Mineralized	P-AML	0.02	5.45	168.5	5460	1.16	721	130	0.3	8.45	0.06	67.8	3.5	48	56.2	4.35	3.88	0.4	13.7	3.9	0.07	10900	1.59	0.03	5.6
E757044	K-10-0248	114.62	115.32	QTZT	QTZT	Mineralized	P-AML	0.009	2.6	73	7930	0.34	2	36	<0.5	<1	0.09	35	2.8	536	17.2	1.81	<5	0.15	5	2	0.04	7160	3	<0.01	7.7

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E757050	K-10-0248	120.36	121.19	QTZT	QTZT	Mineralized	P-AML	0.094	35.8	712	16600	0.6	252	8	<0.5	36	0.06	67.9	53.2	600	154	4.39	<5	0.05	19	6	0.12	13800	4.6	0.05	40.8
E757054	K-10-0248	125.6	126.76	QTZT	QTZT	Mineralized	P-AML	<0.002	1.5	81	8200	0.62	22	55	<0.5	1	0.1	39.8	4.1	441	17.2	1.97	<5	0.26	5	2	0.07	6630	3.4	0.01	9.8
E757056	K-10-0248	126.76	127.71	QTZT	QTZT	Mineralized	P-AML	0.002	0.9	155	5100	0.51	2	47	<0.5	<1	0.13	28.7	2	431	21.7	2.19	<5	0.22	4	<1	0.07	8130	4.4	<0.01	9.1
E773127	K-10-0249	134.26	134.94	QTZT	QTZT	Mineralized	P-AML	0.01	1.1	101	8040	2.94	116	390	0.7	<2	0.11	30	6	79	16	2.2	<10	1.15	30		0.12	3930	2	0.07	17
E773126	K-10-0249	133.24	134.26	QTZT	QTZT	Mineralized	P-AML	0.04	2.5	145	6390	2.91	1410	240	0.7	3	0.23	50.7	7	81	24	5.3	<10	0.88	30		0.19	12450	3	0.12	13
E757083a	K-10-0251	79.08	80.34	QTZT	QTZT	Mineralized	P-AML	0.23	22.9	1685	25900	0.96	1180	10	0.5	0.69	0.02	1000	5.4	31	258	3.02	4.04	0.02	7.2	15.2	0.09	3580	0.25	0.07	4
E757081a	K-10-0251	77.08	78.35	QTZT	QTZT	Mineralized	P-AML	0.17	33.8	2490	11350	1.56	116.5	170	0.49	0.83	0.02	1000	1.1	36	231	3.72	5.2	0.5	17.1	17.1	0.07	5260	0.49	0.04	3
E757080a	K-10-0251	76.42	77.08	QTZT	QTZT	Mineralized	P-AML	0.22	41.1	1275	6780	1.91	502	130	0.72	2.86	0.02	873	1.6	40	274	4.85	5.92	0.42	16.7	12	0.1	2980	0.74	0.07	4
E757082a	K-10-0251	78.35	79.08	QTZT	QTZT	Mineralized	P-AML	0.25	37.1	2140	186000	0.32	35.9	20	0.17	0.98	0.02	1000	9.3	12	655	4.06	5.05	0.06	5.6	14.9	0.04	5680	0.14	0.03	1.6
E757087a	K-10-0252	92.95	93.82	QTZT	QTZT	Mineralized	P-AML	0.37	672	4430	54800	3.19	413	40	1.68	19.6	0.14	1000	8.3	45	1280	11.7	13.35	0.09	19	5.8	0.48	25400	0.57	0.27	18.9
E757088a	K-10-0252	93.82	94.81	QTZT	QTZT	Mineralized	P-AML	0.71	24	221	7140	0.77	226	90	0.29	3.87	0.08	67.5	2	30	130	5.42	2.81	0.21	8.5	8.6	0.1	11550	0.44	0.03	4.8
E757089a	K-10-0252	94.81	95.86	QTZT	QTZT	Mineralized	P-AML	0.09	9.83	283	10050	0.29	388	20	0.16	8.25	0.06	229	3.6	24	139.5	10.4	2.67	0.06	7.1	3.7	0.15	22900	0.32	0.02	7.1
E757090a	K-10-0252	95.86	97	QTZT	QTZT	Mineralized	P-AML	0.1	15.55	500	11600	0.34	1060	20	0.12	20.5	0.04	282	5	27	151	7.1	2.19	0.08	11.7	3	0.08	10350	0.33	0.02	7.1
E757093a	K-10-0252	97.23	98	QTZT	QTZT	Mineralized	P-AML	0.02	6.95	310	6580	4.88	303	550	1.4	5.22	0.19	98.7	1.7	75	85.2	4.96	13.7	1.56	29.4	13.5	0.22	4140	1.87	0.11	11.2
E757095a	K-10-0252	99.32	100.14	QTZT	QTZT	Mineralized	P-AML	0.11	7.71	314	70300	2.88	739	290	0.61	3.4	0.13	712	7.2	49	156.5	8.85	9.83	0.91	28.8	10.7	0.17	13650	1.08	0.07	13.1
E757094a	K-10-0252	98	99.32	QTZT	QTZT	Mineralized	P-AML	0.36	7.27	217	16200	3.62	465	360	0.9	2.85	0.12	313	3.7	61	147	11.15	12.15	1.04	28.6	9.6	0.27	23800	0.67	0.1	11.1
E757166	K-10-0253	91.34	92.2	QTZT	QTZT	Mineralized	P-AML	0.37	21.4	993	80800	1.56	667	180	<0.5	<2	0.06	969	5	43	478	10.75	<10	0.56	20		0.17	22900	1	0.04	6
E757168	K-10-0253	92.2	92.95	QTZT	QTZT	Mineralized	P-AML	0.08	7.8	416	8730	3.45	414	450	0.8	7	0.08	158	2	78	107	5.35	10	1.02	30		0.13	6570	1	0.11	7
E757169	K-10-0253	92.95	94.23	QTZT	QTZT	Mineralized	P-AML	0.19	78.5	346	11200	0.4	589	10	<0.5	3	0.06	302	7	59	355	6.09	<10	0.11	20		0.08	9180	2	0.01	8
E757171	K-10-0253	94.98	95.6	QTZT	QTZT	Mineralized	P-AML	0.02	3.2	157	8370	0.62	235	40	<0.5	<2	0.07	77.8	5	55	49	5.37	<10	0.23	20		0.06	8730	1	0.01	6
E757226	K-10-0254	130.21	130.95	QTZT	QTZT	Mineralized	P-AML	1.85	27.4	606	40100	1.73	6100	10	0.5	8	0.18	568	22	63	672	8	<10	0.37	10		0.2	9980	1	0.08	36
E757225	K-10-0254	129.61	130.21	QTZT	QTZT	Mineralized	P-AML	4.24	15.8	314	35900	2.13	4280	50	0.6	9	0.14	502	14	50	365	8.09	<10	0.46	20		0.21	11900	1	0.1	18
E757227	K-10-0254	130.95	131.67	QTZT	QTZT	Mineralized	P-AML	0.51	16.5	170	9230	2.01	10000	10	0.5	6	0.1	100.5	39	46	94	8.26	<10	0.44	40		0.21	18600	1	0.09	26
E757223	K-10-0254	129.4	129.61	QTZT	QTZT	Mineralized	P-AML	0.23	7.1	390	35600	3.28	376	160	0.9	7	0.17	446	4	78	126	4.38	10	0.78	20		0.25	6360	<1	0.16	9
E757228	K-10-0254	131.67	132.03	QTZT	QTZT	Mineralized	P-AML	0.39	7.4	302	13500	4.42	8770	30	1.4	7	0.22	140.5	20	92	205	9.23	10	0.73	50		0.44	19750	1	0.28	25
E773202	K-10-0255	90.36	91.5	QTZT	QTZT	Mineralized	P-AML	0.17	32.5	758	28000	0.73	120	30	<0.5	45	0.03	342	2	43	163	2.42	<10	0.1	10		0.06	2090	1	0.05	6
E773203	K-10-0255	91.5	92.5	QTZT	QTZT	Mineralized	P-AML	0.25	25	1220	105500	0.2	1210	10	<0.5	4	0.02	1000	8	37	512	1.79	<10	0.06	<10		0.01	1230	1	0.01	3
E773204	K-10-0255	92.5	93.4	QTZT	QTZT	Mineralized	P-AML	0.45	2.7	133	6510	0.45	2080	10	<0.5	<2	0.02	103.5	4	55	24	0.99	<10	0.06	10		0.03	368	3	0.02	3
E773205	K-10-0255	93.4	94.57	QTZT	QTZT	Mineralized	P-AML	0.16	26.5	221	93200	1.84	1495	20	0.8	<2	0.04	1000	7	46	345	2.46	10	0.05	10		0.16	813	1	0.14	2
E773215	K-10-0256	87.31	88.27	QTZT	QTZT	Mineralized	P-AML	0.05	1.1	182	5020	0.63	1240	30	<0.5	<2	0.02	55.4	2	61	12	2.56	<10	0.07	10		0.05	3710	3	0.04	3
E775002	K-10-0265	52.27	53.79	QTZT	QTZT	Mineralized	P-AML	0.02	45.2	1560	5060	1.12	392	110	<0.5	20	0.02	163	2	57	675	3.26	<10	0.41	10		0.02	3300	1	0.02	2
E775001	K-10-0265	50.38	52.27	QTZT	QTZT	Mineralized	P-AML	0.02	13.1	556	7930	2.31	288	300	0.7	7	0.03	232	<1	88	338	3.74	10	0.77	20		0.07	3360	2	0.06	4
E004070	K-11-0330	86.5	87.7	QTZT	QTZT	Mineralized	P-AML	<0.01	0.8	55	10350	1.61	60	180	<0.5	<2	0.07	79.1	5	42	24	2.07	10	0.42	10		0.1	3030	1	0.03	15
E004071	K-11-0330	87.7	88.64	QTZT	QTZT	Mineralized	P-AML	0.16	1.3	98	6090	1.81	333	290	<0.5	3	0.07	78.9	6	50	61	3.4	<10	0.53	10		0.15	3410	1	0.07	16
E004069	K-11-0330	85.39	86.5	QTZT	QTZT	Mineralized	P-AML	0.07	16	953	36500	0.79	70	90	<0.5	4	0.06	604	5	29	194	3.84	<10	0.23	10		0.08	7980	<1	0.02	6
E004127	K-11-0331	62.64	63.46	QTZT	QTZT	Mineralized	P-AML	<0.01	3.7	1490	5240	1.61	6	320	<0.5	<2	2.27	71.9	7	35	11	2.11	<10	0.56	20		0.65	6490	1	0.05	19
E782255	K-10-0308	123.66	124.56	QTZT	QTZT	Mineralized	P-AML	0.03	5.03	271	8040	0.75	191	30	0.24	0.91	0.06	67.3	4.7	28	215	1.99	2.91	0.13	12.7	3.1	0.08	3900	0.25	0.02	8.2
E774674	K-10-0309	105.62	106.13	QTZT	QTZT	Mineralized	P-AML	0.31	674	6530	68300	1.16	284	40	0.47	12.55	0.03	753	8	25	1070	3.2	4.2	0.13	14.4	9.1	0.05	1320	0.44	<0.01	15.5
E000019	K-11-0325	56.74	57.91	QTZT	QTZT	Mineralized	P-AML	<0.01	47.5	1160	37500	1.21	58	120	<0.5	70	0.02	545	1	36	485	3.05	<10	0.33	20		0.04	565	<1	0.03	1
E000020	K-11-0325	57.91	58.46	QTZT	QTZT	Mineralized	P-AML	<0.01	37	1540	22900	1.9	63	50	0.5	43	0.04	345	1	32	544	7.48	10	0.44	20		0.15	9240	<1	0.06	2
E000037	K-11-0325	74.44	74.62	QTZT	QTZT	Mineralized	P-AML	0.07	26.2	743	39100	2.35	995	190	<0.5	37	0.2	648	5	56	558	8.52	10	0.9	10		0.2	15600	1	0.01	8
E000038	K-11-0325	74.62	74.94	QTZT	QTZT	Mineralized	P-AML	4.5	56.2	2750	106000	0.22	8730	10	<0.5	71	0.14	1000	65	3	740	24.8	10	0.07	10		0.32	51500	<1	<0.01	26
E000039	K-11-0325	74.94	75.34	QTZT	QTZT	Mineralized	P-AML	0.02	2.9	359	11250	0.86	204	130	<0.5	2	0.06	90.5	1	27	31	1.97	<10	0.33	10		0.05	3490	<1	0.01	1
E000046	K-11-0325	79.37	80.3	QTZT	QTZT	Mineralized	P-AML	<0.01	4.1	153	12200	0.73	63	190	<0.5	6	0.04	176	1	29	45	1.91	<10	0.28	10		0.07	3040	<1	0.01	2
E000045	K-11-0325	79.1	79.37	QTZT	QTZT	Mineralized	P-AML	<0.01	13.5	350	111500	1.12	132	60	<0.5	9	0.05	1000	3	23	421	6.76	10	0.4	10		0.13	11600	<1	0.02	3
E004094	K-11-0326	87.84	88.64	QTZT	QTZT	Mineralized	P-AML	<0.01	3.1	370	7690	0.54	69	80	<0.5	2	0.09	155	2	36	41	2.65	<10	0.2	10		0.06	2770	1	0.02	5
E004099	K-11-0326	91.47	93.02	QTZT	QTZT	Mineralized	P-AML	0.01	3.6	339	20800	1.01	70	80	<0.5	<2	0.11	186	3	40	78	2.58	<10	0.36	10		0.06	5340	1	0.02	6
E004097	K-11-0326	89.86	91.47	QTZT	QTZT	Mineralized	P-AML	<0.01	3.3	378	16300	0.81	73	60	<0.5	4	0.13	300	3	40	72	2.27	<10	0.27	10		0.09	3600	1	0.02	6
E004117	K-11-0326	101.7	102.78	QTZT	QTZT	Mineralized	P-AML	0.03	6	338	17400	6.09	114	80	1.6	9	0.32	208	11	52	80	15.6	20	0.98	<10		1.23	15650	<1	0.01	48
E004120	K-11-0326	104.83	106.22	QTZT	QTZT	Mineralized	P-AML	0.07	5.3	401	7510	1.01	68	60	<0.5	5	0.14	167	<1	37	82	9.35	<10	0.3	10		0.27	24000	<1	0.02	8
E004026	K-11-0327	109.73	110.92	QTZT	QTZT	Mineralized	P-AML	0.04	6.3	464	16100	0.84	52	90	<0.5	6	0.12	127	4	30	59	3.52	<10	0.28	10		0.11	8320	<1	0.02	7
E004025	K-11-0327	108.3	109.73	QTZT	QTZT	Mineralized	P-AML	0.09	4.1	219	8410	1.59	160	200	<0.5	<2	0.14	69.4	5	51	60	3.8	10	0.58	10		0.1	7540	<1	0.03	9
E004023	K-11-0327	106.68	108.3	QTZT	QTZT	Mineralized	P-AML	<0.01	6.4	1570	8310	3.59	108	630	0.8	<2	0.2	79.7	16	93	27	6.79	10	1.33	10		0.31	20600	<1	0.1	33
E004022	K-11-0327	106.02	106.68	QTZT	QTZT	Mineralized	P-AML	0.06	5.2	254	13050	2.15	139	400	0.5	<2	0.15	157	5	49	92	8.4	10	0.82	10		0.27	21800	<1	0.04	12
E000002	K-11-0328	7.62	8.74	QTZT	QTZT	Mineralized	P-AML	0.14	34.5	1080	7360	3.28	344	110	0.8	6	0.52	157	4	49	439	11.85	10	0.89	20		0.39	15850	<1	0.18	8
E004083	K-11-0329	74.95	76.37	QTZT	QTZT	Mineralized	P-AML	0.29	1.7	109	6480	0.74	148	120	<0.5	<2	0.03	66.6	1	38	42	3.11	<10	0.25	10		0.06	5080	1	0.02	3
E004088	K-11-0329	80.25	80.62	QTZT	QTZT	Mineralized	P-AML	<0.01	1.6	111	7700	0.69	312	70	<0.5	2	0.06	132	3	30	52	4.85	<10	0.15	10		0.15	3970	1	0.02	8
E004046	K-11-0332	66.15	66.98	QTZT	QTZT	Mineralized	P-AML	0.26	63.8	2550	86800	0.74	351	20	<0.5	48	0.07	1000	8	18	808	9.85	10	0.16	10		0.17	24400	<1	0.03	4
E000070	K-11-0333	92.22	92.959	QTZT	QTZT	Mineralized	P-AML	<0.01	7.3	1350	49400	1	8	80	<0.5	5	0.33	312	10	26	35	3.02	<10	0.36	20		0.16	12850	<1	0.01	20
E000064	K-11-0334	71.59	72.95	QTZT	QTZT	Mineralized	P-AML	<0.01	0.9	153	8430	1.01	92	50	<0.5	<2	0.07	74.5	1	45	40	2.34	<10	0.18	20		0.12	3660	<1	0.04	5
E000130	K-11-0339	94.85	95.73	QTZT	QTZT	Mineralized	P-AML	0.05	14.8	1075	32100	1.46	594	90	<0.5	13	0.22	334	7	30	273	10.15	<10	0.44	20		0.25	29000	<1	0.04	11
E000134	K-11-0339	96.9	98	QTZT	QTZT	Mineralized	P-AML	0.01	3.2	857	13300	1.28	22	200	<0.5	<2	0.36	98.9	3	26	24	7.84	10	0.44	10		0.81	31600	<1	0.03	10
E000132	K-11-0339	96.05	96.9	QTZT	QTZT	Mineralized	P-AML	0.01	4.3	1065	8060	1.94	72	340	0.5	<2	0.33	55.1	5	39	15	7.17	<10	0.67	20		0.58	22900	<1	0.04	12
E000137	K-11-0339	99.36	99.66	QTZT	QTZT	Mineralized	P-AML	0.01	4.8	757	8630	1.47	64	160	<0.5	4	0.17	81.7	7	32	114	3.98	10	0.5	10		0.23	8720	<1	0.03	13
E000140	K-11-0339	100	100.58	QTZT	QTZT	Mineralized	P-AML	0.02	3	246	7520	1.13	273	120	<0.5	<2	0.1	79.7	3	30	103	5.08	10	0.31	10		0.16	12150	<1	0.04	9
E599902	K-07-0072	199.12	201.2	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	6	31	6.62	<5	1810	1	4	1.76	<0.5	10	62	18	3.44	20	1.09	30		1.11	322	<1	0.48	28
E599774	K-07-0072	27	29	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	18	76	5.49	11	680	1.4	<2	0.97	<0.5	8	74	18	2.77	10	1.17	20		0.39	336	<1	0.13	34
E751501	K-07-0069	40.18	41.33	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	22	104	8.92	11	1100	2.4	<2	1.29	<0.5	12	105	24	4.16	20	1.5	40		0.63	184	1	0.25	48
E599783	K-07-0072	41.2	43.25	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	16	61	4.16	10	490	1.1	<2	1.92	<0.5	6	62	12	2.44	10	0.76	20		0.39	172	1	0.14	25
E751537	K-07-0069	93.34	95.34	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.8	25	158	7.41	30	1100	2	<2	1.66	0.8	11	103	36	3.42	20	1.39	30		0.61	229	1	0.32	48

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E751538	K-07-0069	95.34	96.65	SCH	SCH	Non-Mineralized	N-AML	0.01	0.8	27	140	8.96	48	1540	2.8	<2	0.84	0.9	13	113	37	3.46	20	1.56	40		0.52	209	1	0.52	47
E770076	K-08-0135	91.14	93.02	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	5	527	1.94	15	690	0.5	<2	2.24	0.6	3	49	27	1.57	<10	0.57	10		0.39	438	2	0.06	14
C467980	K-07-0069	7.32	8.51	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	23	74	7.2	9	1030	2	<2	1.02	0.5	11	90	17	3.21	20	1.57	30		0.4	182	2	0.18	36
C467979	K-07-0069	5	7.32	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	12	57	3.95	6	510	1.1	<2	1.22	<0.5	8	53	14	2.17	10	0.76	20		0.39	144	1	0.11	21
C467978	K-07-0069	3.47	5	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.5	23	105	8.35	7	1110	2.3	<2	1.14	0.5	11	95	24	3.63	20	1.55	40		0.41	170	2	0.25	44
C467976	K-07-0069	1.5	3.47	SCH	SCH	Non-Mineralized	N-AML	0.01	0.7	20	128	6.56	15	800	1.7	<2	1.21	0.7	11	84	24	4.1	10	1.16	30		0.33	229	2	0.17	40
C467981	K-07-0069	8.51	9.74	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	11	68	4.42	15	570	1.2	<2	1.18	<0.5	7	56	19	2.57	10	0.9	20		0.31	178	1	0.11	23
E751502	K-07-0069	41.33	42.49	SCH	SCH	Non-Mineralized	N-AML	0.01	0.7	36	117	9.34	28	1090	2.5	<2	1.23	<0.5	14	115	29	4.59	20	1.58	40		0.68	202	2	0.25	58
C467999	K-07-0069	36.18	38.18	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	21	112	9.42	16	1210	2.5	<2	1.82	<0.5	15	113	27	4.66	20	1.84	40		0.68	210	<1	0.29	56
C468000	K-07-0069	38.18	40.18	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	19	110	8.7	18	1160	2.4	<2	2.75	<0.5	14	105	28	4.79	20	1.83	30		0.87	246	<1	0.32	55
E751539	K-07-0069	96.65	97.61	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	23	96	5.68	21	860	1.3	<2	1.46	<0.5	7	74	28	2.95	10	1.11	30		0.52	189	<1	0.19	32
E751535	K-07-0069	91.34	93.34	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	14	114	5.4	7	900	1.4	<2	2.73	<0.5	9	78	19	2.38	10	1.07	20		0.39	162	1	0.21	33
E599787	K-07-0072	47.45	49.48	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	15	134	3.77	14	500	0.9	<2	2.28	<0.5	4	60	9	1.91	10	0.93	20		0.41	294	<1	0.13	22
E599786	K-07-0072	45.42	47.45	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	62	629	1.24	5	180	<0.5	<2	1.8	5	1	39	6	1.01	<10	0.37	10		0.17	741	1	0.03	8
E599775	K-07-0072	29	30.6	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.5	26	121	8.55	20	1000	2	<2	1.17	<0.5	16	112	31	4.51	20	1.53	40		0.5	242	2	0.22	58
E599781	K-07-0072	39.2	41.2	SCH	SCH	Non-Mineralized	N-AML	0.01	0.9	41	118	8.13	14	870	2.1	<2	1.24	<0.5	12	104	30	4.74	20	1.22	30		0.65	255	<1	0.21	50
E599780	K-07-0072	37.2	39.2	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	18	82	7.53	11	940	2.1	<2	1.92	<0.5	12	88	21	3.5	20	1.42	30		0.58	189	1	0.26	44
E599779	K-07-0072	35.2	37.2	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	21	64	5.12	5	640	1.4	<2	2.61	<0.5	7	71	16	3.07	10	1.01	20		0.65	219	<1	0.16	31
E599777	K-07-0072	31.2	33.22	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	12	86	5.25	9	700	1.4	<2	1.22	<0.5	10	85	19	2.74	10	1.1	20		0.38	215	1	0.14	35
E599788	K-07-0072	49.48	50.73	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	20	124	3.27	23	530	1.1	<2	2.92	0.5	2	68	10	1.58	10	0.97	20		0.22	251	1	0.14	16
E599776	K-07-0072	30.6	31.2	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	8	21	1.26	<5	130	<0.5	<2	0.52	<0.5	1	54	11	0.72	<10	0.22	10		0.13	94	<1	0.04	16
E599778	K-07-0072	33.22	35.2	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	11	32	2.16	<5	300	0.6	<2	4.82	<0.5	4	47	6	1.63	10	0.47	10		0.25	205	<1	0.06	14
E599794	K-07-0072	56	56.86	SCH	SCH	Non-Mineralized	N-AML	0.04	1.4	454	3300	2.29	131	540	0.7	<2	0.09	24.9	6	54	6	2.75	10	0.75	10		0.08	6340	2	0.06	15
E599792	K-07-0072	54.86	55.7	SCH	SCH	Non-Mineralized	N-AML	0.02	<0.5	79	2640	1.15	30	200	<0.5	<2	0.96	10.9	6	40	4	1.28	<10	0.35	10		0.05	2540	1	0.04	17
E599791	K-07-0072	53.5	54.86	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	17	150	4.76	49	780	1.4	<2	3.2	0.7	4	84	12	1.92	10	1.41	20		0.2	265	2	0.2	20
E599790	K-07-0072	51.51	53.5	SCH	SCH	Non-Mineralized	N-AML	0.01	0.5	81	667	1.78	19	270	0.5	<2	1.3	2.5	5	61	8	1.35	<10	0.54	10		0.1	1170	1	0.07	19
E599789	K-07-0072	50.73	51.51	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	58	390	0.39	<5	40	<0.5	<2	0.05	3.6	1	21	1	0.75	<10	0.11	10		0.02	1665	<1	0.01	4
E599785	K-07-0072	43.25	45.42	SCH	SCH	Non-Mineralized	N-AML	0.02	0.8	248	1170	2.19	25	310	0.7	<2	1.07	10.8	4	56	14	3.14	<10	0.74	10		0.26	6540	1	0.06	16
E599795	K-07-0072	56.86	57.84	SCH	SCH	Non-Mineralized	N-AML	0.04	2.2	396	1650	0.91	137	280	<0.5	<2	0.1	16.5	3	38	19	3.36	<10	0.28	10		0.06	8540	1	0.02	8
E599765	K-07-0072	13	15	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	4	26	1.11	<5	120	<0.5	<2	0.81	<0.5	3	39	5	1.23	<10	0.18	10		0.15	125	<1	0.03	9
E599772	K-07-0072	25.05	27	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	12	64	4.38	8	570	1.1	<2	1.17	<0.5	6	65	16	2.4	10	0.88	20		0.34	219	<1	0.14	29
E599771	K-07-0072	23	25.05	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	9	40	2.73	7	390	0.8	<2	1.13	<0.5	5	54	10	1.62	10	0.64	10		0.23	150	<1	0.09	18
E599770	K-07-0072	21.03	23	SCH	SCH	Non-Mineralized	N-AML	0.02	<0.5	9	49	3.47	11	400	1	<2	0.94	<0.5	5	53	11	2.41	10	0.66	20		0.31	191	<1	0.09	24
E599769	K-07-0072	19	21.03	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	7	43	2.18	8	240	0.6	<2	0.87	<0.5	4	53	10	1.77	10	0.38	10		0.2	177	<1	0.05	17
E599766	K-07-0072	15	17	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	7	34	1	<5	100	<0.5	<2	0.61	<0.5	4	46	6	1.45	<10	0.15	10		0.12	166	<1	0.02	14
E599768	K-07-0072	17	19	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.6	5	17	0.53	<5	50	<0.5	<2	1.55	<0.5	2	37	7	1.22	<10	0.07	10		0.16	178	<1	0.01	7
E599764	K-07-0072	11	13	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	5	31	1.96	<5	240	0.6	<2	1.18	<0.5	4	37	7	1.64	<10	0.39	10		0.22	142	<1	0.05	15
E599763	K-07-0072	9	11	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	7	53	4.12	<5	540	1.1	<2	0.86	<0.5	6	59	9	2.23	10	0.87	20		0.28	172	<1	0.1	23
E599761	K-07-0072	7.08	9	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	12	47	3.17	5	400	1	<2	0.99	<0.5	6	53	10	2.12	10	0.62	20		0.26	165	<1	0.09	23
E599760	K-07-0072	5.08	7.08	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	14	80	4.09	14	510	1	<2	1.18	<0.5	6	63	13	2.89	10	0.76	20		0.37	198	1	0.1	25
E599759	K-07-0072	3.55	5.08	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	19	142	7.63	11	990	2	3	1.99	<0.5	14	93	21	4.16	20	1.51	30		0.56	254	1	0.24	46
E599758	K-07-0072	1.54	3.55	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.7	13	98	5.06	6	630	1.3	<2	1.02	<0.5	8	68	15	2.86	10	0.94	20		0.21	174	1	0.14	30
E599870	K-07-0072	160.6	162.5	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	58	198	5.77	34	740	1.7	<2	1.62	2	7	78	16	2.82	10	1.66	30		0.41	1545	<1	0.18	40
E599861	K-07-0072	146.45	147.75	SCH	SCH	Non-Mineralized	N-AML	0.01	1.3	181	515	6.21	51	890	1.9	<2	0.83	3.6	7	99	20	3.68	10	1.91	30		0.4	4860	<1	0.29	38
E599862	K-07-0072	147.75	149.75	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	12	65	1.14	<5	180	<0.5	<2	0.94	<0.5	1	48	3	0.87	<10	0.38	10		0.18	186	<1	0.03	10
E599863	K-07-0072	149.75	151.7	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	11	50	2.63	10	420	0.7	<2	0.54	<0.5	3	62	8	1.42	<10	0.87	10		0.25	359	<1	0.07	18
E599864	K-07-0072	151.7	153.1	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	15	62	1.5	10	250	<0.5	<2	3.95	0.7	2	42	7	1.03	<10	0.43	10		0.22	234	2	0.1	17
E599865	K-07-0072	153.1	154.9	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.7	18	105	3.17	10	480	1	<2	2.2	1	3	60	20	1.79	10	0.83	20		0.51	400	3	0.22	25
E599867	K-07-0072	154.9	156.5	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.6	129	283	1.44	18	230	<0.5	<2	1.7	2.2	2	39	8	1.23	<10	0.46	10		0.48	1130	1	0.06	13
E599869	K-07-0072	158.2	160.6	SCH	SCH	Non-Mineralized	N-AML	<0.01	1.5	483	1370	0.63	19	90	<0.5	<2	0.2	14.3	1	44	16	1.59	<10	0.23	10		0.11	3600	<1	0.02	9
E599858	K-07-0072	142	143.5	SCH	SCH	Non-Mineralized	N-AML	0.01	1.3	18	180	1.71	6	320	0.5	<2	3.76	0.7	3	43	91	1.23	<10	0.45	10		0.33	229	<1	0.07	13
E599871	K-07-0072	162.5	164.5	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.7	206	924	2.56	20	290	0.8	<2	5.02	10	4	55	10	2.42	<10	0.79	10		0.39	3230	<1	0.1	20
E599872	K-07-0072	164.5	166.2	SCH	SCH	Non-Mineralized	N-AML	0.01	1.2	501	1420	2.96	32	430	0.9	<2	0.98	13.9	3	62	5	2.51	10	1.02	10		0.35	6020	<1	0.09	21
E599873	K-07-0072	166.2	168.5	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	37	137	1.58	31	250	<0.5	<2	0.1	1.2	3	49	4	1.3	<10	0.53	10		0.11	1310	<1	0.04	13
E599875	K-07-0072	168.5	169.5	SCH	SCH	Non-Mineralized	N-AML	0.01	0.9	8	72	1.14	25	180	<0.5	<2	0.18	0.5	1	45	8	1.42	<10	0.43	10		0.09	3110	<1	0.03	7
E599868	K-07-0072	156.5	158.2	SCH	SCH	Non-Mineralized	N-AML	0.01	1.4	299	1030	1.55	15	220	<0.5	<2	0.15	9.7	1	49	12	2.77	<10	0.59	10		0.14	8460	<1	0.04	13
E599860	K-07-0072	145.2	146.45	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	19	55	2.97	16	450	0.9	<2	2.91	<0.5	4	65	12	1.84	10	0.78	10		0.3	250	1	0.16	18
E599859	K-07-0072	143.5	145.2	SCH	SCH	Non-Mineralized	N-AML	0.01	0.6	18	86	5.33	22	800	1.5	<2	3.09	<0.5	5	80	28	2.42	10	1.37	20		0.52	343	2	0.27	35
E599851	K-07-0072	134.99	136.5	SCH	SCH	Non-Mineralized	N-AML	0.02	0.5	44	187	5.26	80	750	1.9	<2	2.16	0.9	5	80	16	2.21	10	1.35	20		0.29	517	<1	0.22	30
E599853	K-07-0072	136.5	138.05	SCH	SCH	Non-Mineralized	N-AML	0.02	<0.5	24	647	1.94	50	250	0.5	<2	1.47	1.3	3	50	11	1.58	<10	0.47	10		0.29	389	<1	0.07	13
E599854	K-07-0072	138.05	139.65	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.5	16	531	4.31	24	490	1.2	<2	1.75	1.3	5	73	15	2.61	10	0.87	20		0.57	445	1	0.17	28
E599855	K-07-0072	139.65	140.45	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	5	370	0.67	<5	90	<0.5	<2	0.81	1.7	<1	30	2	0.49	<10	0.15	<10		0.06	149	<1	0.03	3
E599856	K-07-0072	140.45	142	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	13	125	7.36	34	1000	1.9	<2	1.17	<0.5	9	87	18	3.31	20	1.4	30		0.61	283	1	0.24	42
E599879	K-07-0072	172.38	174.23	SCH	SCH	Non-Mineralized	N-AML	0.01	0.7	115	924	2.6	42	390	0.8	<2	0.14	8.7	3	59	11	3.45	10	0.93	20		0.26	7080	<1	0.06	20
E599876	K-07-0072	169.5	170.3	SCH	SCH	Non-Mineralized	P-AML	0.02	4.4	23	125	5.33	135	340	0.9	<2	0.73	<0.5	13	71	43	2.92	20	2.15	10		0.31	3520	<1	0.04	40
E599897	K-07-0072	192.1	193.6	SCH	SCH	Non-Mineralized	P-AML	0.01	0.7	116	425	4.22	14	590	1.4	<2	0.38	3.7	10	66	13	2.17	10	0.9	30		0.38	1010	4	0.17	27
E599881	K-07-0072	175.8	177.56	SCH	SCH	Non-Mineralized	N-AML	0.02	5.9	99	1840	1.98	72	130	<0.5	7	0.25	21.4	12	39	232	4.51	10	0.64	10		0.27	3350	<1	0.02	22
E599883	K-07-0072	177.56	179.35	SCH	SCH	Non-Mineralized	P-AML	0.02	4.7	40	442	4.46	33	660	1.2	<2	0.14	4.8	3	75	22	3.06	10	1.42	30		0.23	4150	<1	0.17	26
E599890	K-07-0072	183.95	186.16	SCH	SCH	Non-Mineralized	N-AML	0.02	1.2	46	1670	0.89	125	110	<0.5	<2	0.04	20.2	1	39	32	1.53	<10	0.34	10		0.05	3120	<1	0.02	5
E599892	K-07-0072	186.16	187.4	SCH	SCH	Non-Mineralized	N-AML	0.01	2.8	52	1440	0.8	332	80	<0.5	<2	0.05	15.8	1	32	72	2.56	<10	0.3	10		0.08	6880	<1	0.01	7

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E599894	K-07-0072	188.52	189.8	SCH	SCH	Non-Mineralized	N-AML	<0.01	2.3	165	965	4.31	38	460	1.3	<2	0.13	11.5	4	68	36	3.02	10	1.41	20		0.24	3280	<1	0.1	24
E599895	K-07-0072	189.8	191.23	SCH	SCH	Non-Mineralized	N-AML	0.01	0.9	51	1280	1.98	34	220	0.6	<2	0.08	14.8	2	48	20	3.85	<10	0.64	20		0.2	8110	<1	0.06	12
E599896	K-07-0072	191.23	192.1	SCH	SCH	Non-Mineralized	N-AML	0.01	1.1	91	1960	1.1	23	110	<0.5	<2	0.05	25.5	1	32	22	1.55	<10	0.38	10		0.08	2360	<1	0.03	9
E599878	K-07-0072	170.3	172.38	SCH	SCH	Non-Mineralized	N-AML	0.02	0.6	42	172	1.07	16	130	<0.5	<2	0.13	1.8	2	38	7	0.98	<10	0.39	10		0.11	1235	<1	0.02	10
E599904	K-07-0072	201.2	203.2	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	8	36	8.13	<5	2680	1.4	3	1.27	<0.5	9	72	20	3.76	20	1.6	30		1.21	325	<1	0.54	18
E601552	K-07-0116	1.22	2.7	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	10	86	5.21	24	650	1.3	<2	1.31	<0.5	9	73	16	3.74	10	0.98	20		0.37	241	<1	0.13	38
E601553	K-07-0116	2.7	4.56	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	23	112	7.16	5	900	1.8	<2	2.26	0.5	12	85	24	4.32	10	1.37	30		0.74	288	1	0.21	46
E601575	K-07-0116	37.45	39.46	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	20	86	5.66	10	620	1.2	<2	2.23	0.6	10	78	24	5.43	10	0.93	20		0.97	328	<1	0.15	37
E601576	K-07-0116	39.46	41.45	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	10	39	2.31	<5	300	0.5	<2	3.3	<0.5	4	41	7	1.29	10	0.49	10		0.21	141	<1	0.08	13
E601577	K-07-0116	41.45	43.5	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	11	83	4.2	9	510	1	<2	1.8	<0.5	6	65	12	2.15	10	0.83	20		0.28	136	<1	0.14	24
E601578	K-07-0116	43.5	45.04	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	27	117	8.8	25	1140	2.4	<2	1.63	<0.5	14	103	26	3.92	20	2.01	30		0.78	225	<1	0.39	56
E601573	K-07-0116	33.42	35.49	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	11	45	3.58	<5	430	0.9	<2	1.18	<0.5	4	51	10	1.93	10	0.74	20		0.34	145	<1	0.11	20
E601572	K-07-0116	31.45	33.42	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	8	33	2.1	12	310	0.5	<2	1.6	<0.5	3	45	10	1.65	<10	0.46	10		0.27	169	<1	0.05	14
E601574	K-07-0116	35.49	37.45	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	22	80	6.14	12	710	1.3	<2	1.65	<0.5	8	84	21	3.72	20	1.09	30		0.61	257	<1	0.15	36
E601569	K-07-0116	28.5	29.26	SCH	SCH	Non-Mineralized	N-AML	1.43	0.6	116	360	8.45	49	1190	1.8	<2	0.92	3.4	17	99	38	4.02	20	2.54	40		0.59	1040	1	0.2	54
E601571	K-07-0116	29.26	31.45	SCH	SCH	Non-Mineralized	N-AML	0.06	<0.5	18	67	4.99	12	680	1.2	<2	1.23	<0.5	7	74	16	2.45	10	1.08	20		0.39	200	<1	0.14	30
E601605	K-07-0116	82.87	84.17	SCH	SCH	Non-Mineralized	P-AML	0.01	1	146	1065	6.47	74	1450	1.8	<2	0.22	7.7	9	96	14	3.07	10	2.01	30		0.23	3110	2	0.22	34
E601606	K-07-0116	84.17	85.92	SCH	SCH	Non-Mineralized	N-AML	0.01	1.1	287	1370	3.41	45	520	0.8	<2	0.97	10.7	10	54	45	3.84	10	0.88	10		0.51	4570	1	0.1	26
E601607	K-07-0116	85.92	87.58	SCH	SCH	Non-Mineralized	P-AML	0.01	<0.5	22	177	4.25	23	840	1.3	<2	0.61	<0.5	8	78	19	2.04	10	1.14	20		0.27	467	3	0.2	31
E601608	K-07-0116	87.58	89.67	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	8	177	1.57	7	310	<0.5	<2	0.53	<0.5	4	49	7	1	<10	0.5	10		0.15	284	3	0.03	10
E776940	K-07-0121	174.2	175.93	SCH	SCH	Non-Mineralized	N-AML	0.01	0.9	26	432	8.22	10	1070	2.1	<2	2.43	<0.5	13	119	26	3.61	20	1.45	30		0.55	303	1	0.49	52
E776941	K-07-0121	175.93	177.69	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.8	21	1095	8.89	9	1230	2.3	<2	0.87	3.9	12	130	29	4.22	20	1.73	40		0.69	466	3	0.52	63
E602213	K-07-0122	135.24	136.22	SCH	SCH	Non-Mineralized	P-AML	<0.01	<0.5	17	163	6.92	17	180	1.8	2	0.6	<0.5	14	93	62	3.85	20	2.1	30		1.17	876	2	0.17	68
E602210	K-07-0122	129.77	131.34	SCH	SCH	Non-Mineralized	N-AML	<0.01	1.4	12	195	6.5	17	370	1.7	<2	0.3	<0.5	18	86	104	4.05	20	1.71	20		1.29	942	3	0.24	65
E602212	K-07-0122	133.4	135.24	SCH	SCH	Non-Mineralized	P-AML	<0.01	<0.5	17	103	5.12	<5	240	1.3	<2	0.71	<0.5	10	68	37	3.11	10	1.34	20		0.85	1305	3	0.18	41
E602211	K-07-0122	131.34	133.4	SCH	SCH	Non-Mineralized	P-AML	<0.01	0.7	23	174	5.6	11	150	1.4	<2	0.46	<0.5	11	70	55	3.96	10	1.57	20		0.98	916	2	0.2	56
E602208	K-07-0122	127.7	129.77	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	8	129	3.12	5	640	0.9	<2	1.65	<0.5	7	56	39	2.07	10	0.87	20		0.58	539	3	0.11	33
E776980	K-07-0123	161.94	163.7	SCH	SCH	Non-Mineralized	N-AML	<0.01	1	38	767	5.41	37	280	1.5	<2	1.38	8	7	75	38	2.75	10	1.76	30		0.64	1185	5	0.18	42
E602375	K-07-0125	121.31	124.36	SCH	SCH	Non-Mineralized	N-AML	1.12	<0.5	13	277	3.11	14	420	1	<2	0.3	<0.5	6	60	13	1.67	10	0.66	20		0.22	513	1	0.08	26
E602374	K-07-0125	118.65	121.31	SCH	SCH	Non-Mineralized	P-AML	<0.01	<0.5	17	235	6.23	20	900	1.7	<2	0.33	0.6	9	105	16	2.98	20	1.29	30		0.37	424	1	0.18	42
E602373	K-07-0125	117.17	118.65	SCH	SCH	Non-Mineralized	P-AML	<0.01	2.5	500	3350	5.06	28	650	1.3	<2	0.25	40.7	8	92	26	3.72	10	1.14	20		0.44	4050	<1	0.1	37
E602372	K-07-0125	114.92	117.17	SCH	SCH	Non-Mineralized	P-AML	<0.01	1.5	239	2550	3.7	36	410	0.9	2	0.29	28.3	12	77	33	4.74	10	0.9	20		0.6	8460	<1	0.07	28
E602370	K-07-0125	112.88	114.92	SCH	SCH	Non-Mineralized	P-AML	<0.01	<0.5	34	616	6.58	32	250	0.9	<2	0.17	4	24	117	13	9.61	20	0.74	10		2.04	4880	<1	0.04	61
E602376	K-07-0125	124.36	127.41	SCH	SCH	Non-Mineralized	P-AML	0.01	0.9	17	252	8.48	34	1130	3	<2	0.48	<0.5	13	144	24	3.67	20	1.99	40		0.52	316	1	0.34	56
E602378	K-07-0125	127.41	129.99	SCH	SCH	Non-Mineralized	P-AML	<0.01	0.6	12	803	4.56	22	510	1.3	<2	0.75	0.6	8	70	11	2.53	10	0.82	20		0.47	1100	1	0.18	31
E602379	K-07-0125	129.99	131.08	SCH	SCH	Non-Mineralized	P-AML	<0.01	0.8	18	409	7.07	26	920	1.8	<2	0.73	<0.5	11	105	28	3.08	20	1.44	30		0.61	654	<1	0.35	44
E770039	K-08-0135	6.1	9	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	12	214	4.89	22	590	1.3	<2	0.73	0.8	5	66	17	2.76	10	0.83	20		0.25	232	1	0.13	31
E770040	K-08-0135	9	12	SCH	SCH	Non-Mineralized	N-AML	0.01	<0.5	14	243	6.12	24	790	1.6	4	0.91	1.2	8	79	16	2.9	10	1.13	30		0.35	304	1	0.15	35
E770041	K-08-0135	12	14.43	SCH	SCH	Non-Mineralized	N-AML	0.03	<0.5	16	172	3.13	6	380	0.8	<2	0.74	<0.5	3	53	8	2.88	10	0.6	20		0.28	236	<1	0.09	20
E770168	K-08-0139	133.33	135.83	SCH	SCH	Non-Mineralized	N-AML	0.02	48	2940	4660	4.03	13	540	1.2	<2	1.92	18.7	13	77	68	2.87	10	0.95	20		0.35	4370	<1	0.14	47
E754240	K-08-0143	89.93	90.19	SCH	SCH	Non-Mineralized	N-AML	0.02	1.2	308	462	0.54	11	230	<0.5	<2	0.94	3.4	<1	24	8	0.87	<10	0.2	10		0.26	1390	1	0.01	8
E754244	K-08-0143	90.58	91.13	SCH	SCH	Non-Mineralized	N-AML	0.01	0.5	105	535	0.19	26	30	<0.5	<2	0.08	3.5	1	9	4	2.92	<10	0.06	<10		0.12	8440	1	0.01	4
E754276	K-08-0143	223.07	225.55	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	5	86	2.66	13	790	0.8	<2	0.66	0.5	5	54	62	2.5	10	0.85	10		0.54	377	1	0.06	27
E754357	K-08-0148	216.76	219.68	SCH	SCH	Non-Mineralized	P-AML	<0.01	0.9	44	414	5.42	23	1130	1.5	3	0.38	3.5	9	81	36	2.73	20	1.2	20		0.54	1120	<1	0.31	37
E770416	K-08-0150	199.53	202.38	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	4	58	8.06	<5	2820	1.5	<2	1.24	1.2	8	73	4	3.7	20	1.52	30		1.26	354	<1	0.82	17
E754442	K-08-0154	149.87	151.19	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.5	32	128	8.73	<5	1230	2.8	<2	0.84	0.7	13	116	24	3.92	20	2.03	40		0.56	186	2	0.58	53
E754443	K-08-0154	151.19	153.09	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.5	24	97	5.31	7	680	1.4	<2	2.58	0.8	9	77	29	3	10	1.11	20		0.66	246	1	0.24	34
E754454	K-08-0154	175.15	178.15	SCH	SCH	Non-Mineralized	N-AML	0.01	0.5	16	82	4.68	17	650	1.1	<2	1.13	0.5	11	83	29	2.81	10	0.94	20		0.53	193	1	0.11	35
E754455	K-08-0154	178.15	179.83	SCH	SCH	Non-Mineralized	N-AML	<0.01	<0.5	13	42	2.3	9	410	0.6	<2	2.25	<0.5	5	48	14	1.3	10	0.53	10		0.26	108	1	0.07	15
E754456	K-08-0154	179.83	182.4	SCH	SCH	Non-Mineralized	N-AML	<0.01	0.6	25	365	3.38	13	610	0.9	<2	2.18	4	6	68	15	1.84	10	0.83	20		0.38	327	1	0.11	22
E774901	K-10-0322	43.4	44.93	SCH	SCH	Non-Mineralized	N-AML	0.27	19.2	203	823	0.97	865	120	<0.5	3	0.03	21.8	12	32	340	3.92	<10	0.3	10		0.02	1160	<1	0.03	6
E599793	K-07-0072	55.7	56	SCH	SCH	Mineralized	P-AML	0.02	11.1	5040	21100	0.5	96	100	<0.5	<2	0.16	66.8	35	21	5	3.44	<10	0.16	10		0.02	18300	2	0.02	54
E599880	K-07-0072	174.23	175.8	SCH	SCH	Mineralized	P-AML	0.02	84.6	521	11900	2.23	37	300	0.6	6	0.14	145.5	3	50	1090	3.52	<10	0.84	20		0.25	7030	<1	0.04	14
E599884	K-07-0072	179.35	179.98	SCH	SCH	Mineralized	P-AML	0.01	3	108	6010	2.82	59	350	0.8	<2	0.22	72.9	3	45	31	3.04	10	0.8	20		0.2	4790	<1	0.12	18
E599893	K-07-0072	187.4	188.52	SCH	SCH	Mineralized	P-AML	0.02	7	120	7810	0.55	1635	40	<0.5	8	0.09	90.4	5	24	148	7.38	<10	0.21	10		0.16	21900	<1	0.01	10
E599887	K-07-0072	180.45	181.6	SCH	SCH	Mineralized	P-AML	0.78	20.3	341	47900	1.18	563	60	<0.5	39	0.14	509	4	21	120	23.2	<10	0.21	10		0.39	72400	<1	0.06	12
E770144	K-08-0139	108.61	109.12	SCH	SCH	Mineralized	P-AML	0.06	157	33500	55900	2.06	29	310	0.7	4	0.36	540	7	52	963	4.73	<10	0.59	10		0.19	9150	<1	0.06	17
E770146	K-08-0139	109.12	110.1	SCH	SCH	Mineralized	P-AML	0.11	97.6	25800	44600	1.52	90	180	0.7	3	0.12	445	8	37	978	7.39	<10	0.38	10		0.16	14400	1	0.05	17
E770171	K-08-0139	137	139.35	SCH	SCH	Mineralized	P-AML	0.06	77.7	10200	12400	4.27	40	550	1.6	2	0.34	123.5	8	90	172	2.62	10	1.34	20		0.21	3430	<1	0.16	34
E754241	K-08-0143	90.19	90.41	SCH	SCH	Mineralized	P-AML	0.03	2.8	744	5260	0.56	35	200	<0.5	<2	1.06	21.2	9	22	9	1.51	<10	0.19	<10		0.28	4930	1	0.02	26
E754242	K-08-0143	90.41	90.58	SCH	SCH	Mineralized	P-AML	0.01	4.9	1815	8440	0.45	16	150	<0.5	<2	2.29	76.7	1	13	7	3.58	<10	0.16	<10		0.63	14500	2	0.01	12
E751518	K-07-0069	64.01	66.01	SSCH	SSCH	Non-Mineralized	N-AML	0.02	1.5	111	342	5.29	5	2010	1.7	<2	0.14	2.1	8	43	58	3.61	10	1.58	20		1	1345	1	0.05	47
E751522	K-07-0069	72.01	74.01	SSCH	SSCH	Non-Mineralized	N-AML	0.01	1.2	162	1570	4.52	49	2440	1.3	<2	0.1	15.6	8	42	13	4.16	10	1.7	20		0.38	5880	1	0.03	27
E751520	K-07-0069	68.01	70.01	SSCH	SSCH	Non-Mineralized	N-AML	0.01	0.7	64	390	5.19	20	2790	1.7	<2	0.2	3.1	13	48	129	3.46	10	1.58	20		0.99	1505	1	0.05	48
E599961	K-07-0074	75.75	77.75	SSCH	SSCH	Non-Mineralized	N-AML	0.01	1.4	51	533	4.6	16	3030	1.1	<2	0.24	5.5	9	60	29	3.25	10	1.32	10		0.89	2130	2	0.05	38
E599799	K-07-0072	61.5	62.91	SSCH	SSCH	Non-Mineralized	N-AML	0.01	0.8	83	672	5.9	20	2880	1.9	<2	0.59	5	18	56	118	3.49	20	1.81	30		1.12	3690	4	0.08	53
E599802	K-07-0072	64.7	66	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	15	295	4.92	8	3010	1.4	<2	0.35	1.2	9	53	37	2.45	20	1.43	20		0.99	807	<1	0.05	42
E599957	K-07-0074	69.73	71.75	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	1.3	33	393	6.44	28	2510	2	<2	0.68	1.1	17	51	84	3.44	20	1.86	20		1.18	1630	<1	0.09	56
E599959	K-07-0074	71.75	73.75	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	16	148	5.55	11	2070	1.7	<2	0.45	0.7	15	46	67	3.01	20	1.66	20		1.06	1050	<1	0.06	50
E770077	K-08-0135	93.02	96	SSCH	SSCH	Non-Mineralized	N-AML	0.05	<0.5	20	144	4.95	6	3290	1.5	2	0.36	<0.5	15	59	123	3	20	1.39	20		1.05	1355	2	0.4	49

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E770079	K-08-0135	96	99	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	25	125	4.52	5	5810	1.4	<2	0.43	<0.5	13	50	110	3.01	20	1.23	20		0.9	1835	1	0.41	38
E770080	K-08-0135	99	102	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	26	103	5.03	<5	3660	1.6	<2	0.45	<0.5	15	50	113	3.02	10	1.38	20		1.07	2700	1	0.56	43
E770081	K-08-0135	102	105	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	19	120	5.53	22	2290	1.6	<2	0.84	<0.5	20	65	93	3.14	10	1.55	20		1.14	4410	3	0.38	56
E770082	K-08-0135	105	108	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	16	191	4.52	6	3370	1.1	<2	0.51	<0.5	10	44	60	2.62	10	1.16	10		1	1255	2	0.16	30
E770083	K-08-0135	108	110.35	SSCH	SSCH	Non-Mineralized	N-AML	0.01	0.8	14	831	4.7	40	3080	1.3	<2	0.7	0.6	11	58	55	2.84	10	1.3	20		0.98	1160	1	0.12	43
E751517	K-07-0069	62.01	64.01	SSCH	SSCH	Non-Mineralized	N-AML	0.01	0.9	50	311	5.46	10	2880	1.7	<2	0.11	1.3	15	44	34	4.35	10	1.57	20		1.02	1320	2	0.06	45
E751519	K-07-0069	66.01	68.01	SSCH	SSCH	Non-Mineralized	N-AML	0.01	1	88	220	5.52	10	3330	1.8	<2	0.15	1.3	14	58	57	3.82	20	1.66	20		1.05	1150	2	0.07	53
E751521	K-07-0069	70.01	72.01	SSCH	SSCH	Non-Mineralized	N-AML	0.01	2.2	83	429	4.93	19	2470	1.6	<2	0.15	3.7	9	53	108	3.76	20	1.5	20		0.85	2760	4	0.04	43
E751523	K-07-0069	74.01	74.98	SSCH	SSCH	Non-Mineralized	P-AML	0.01	3.3	622	3360	5.58	39	1150	1.2	<2	0.16	28.5	9	55	7	6.31	20	2.01	10		0.46	10150	1	0.02	27
E751515	K-07-0069	60.05	62.01	SSCH	SSCH	Non-Mineralized	N-AML	0.02	0.5	62	638	4.58	<5	1870	1.6	<2	0.4	4	15	46	78	2.92	10	1.33	20		0.94	1540	3	0.07	46
E599808	K-07-0072	71.3	73.1	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	3.8	676	3920	7.05	29	340	1.3	<2	0.88	34.5	45	133	108	11.2	10	0.55	10		3.26	4380	1	0.07	95
E599801	K-07-0072	63.7	64.7	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	0.5	37	450	5.46	36	2860	1.8	<2	0.82	2.3	15	58	98	3.53	10	1.74	20		1.14	4430	<1	0.06	50
E599796	K-07-0072	57.84	59.38	SSCH	SSCH	Non-Mineralized	N-AML	0.02	2.9	427	1990	5.79	67	3690	1.8	<2	0.37	23.6	13	60	67	4.13	20	1.79	20		0.61	6560	3	0.13	27
E599800	K-07-0072	62.91	63.7	SSCH	SSCH	Non-Mineralized	N-AML	0.01	0.9	100	564	5.76	<5	2610	1.8	<2	0.34	3.8	19	61	101	3.68	20	1.58	20		1.21	2060	4	0.07	60
E599797	K-07-0072	59.38	61.5	SSCH	SSCH	Non-Mineralized	N-AML	0.01	2.6	287	773	5.14	35	2080	1.7	<2	0.15	11.4	11	50	73	3.52	10	1.69	20		0.84	3490	3	0.07	38
E599806	K-07-0072	69.9	71.3	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	0.6	94	763	5.2	<5	970	1.5	<2	0.29	7	15	73	96	2.97	20	1.52	20		0.88	1270	5	0.13	44
E599805	K-07-0072	68	69.9	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	13	404	3.47	<5	2230	0.8	<2	0.95	1.2	11	31	254	3.08	10	0.84	10		0.88	1780	3	0.07	27
E599804	K-07-0072	66	68	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	18	235	4.46	10	3280	1.1	<2	0.77	1.1	10	42	60	2.82	10	1.28	10		1.06	1810	<1	0.05	32
E599960	K-07-0074	73.75	75.75	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	2.2	147	855	5.22	26	2320	1.6	<2	0.17	7.8	11	51	58	3.65	20	1.7	20		0.7	3240	<1	0.04	38
E599956	K-07-0074	67.73	69.73	SSCH	SSCH	Non-Mineralized	N-AML	0.03	3.3	229	2200	6.03	260	3380	2	<2	0.45	15.5	15	59	68	5.22	20	1.95	20		0.63	6780	<1	0.07	39
E599963	K-07-0074	79.75	80.78	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	1	3	214	4.25	8	1900	0.9	<2	0.7	1	13	69	226	3.71	10	0.95	20		0.9	839	11	0.08	44
E599965	K-07-0074	80.78	81.45	SSCH	SSCH	Non-Mineralized	N-AML	0.01	0.9	13	218	6.61	<5	220	1.7	<2	0.1	2.6	17	84	92	3.99	20	1.84	20		1.01	265	9	0.22	66
E599966	K-07-0074	81.45	82.5	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	11	487	4.13	9	2650	1	<2	0.82	1.9	12	69	53	2.4	10	1.1	20		0.77	988	2	0.11	42
E599967	K-07-0074	82.5	83.83	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	5	669	7.17	20	50	<0.5	<2	6.68	1.5	30	87	103	6.53	10	0.08	<10		2.89	1195	2	0.2	73
E599962	K-07-0074	77.75	79.75	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	0.9	9	469	3.91	14	2360	0.8	<2	0.66	2.5	10	42	266	3.25	10	0.94	10		0.83	1245	5	0.1	34
E777301	K-08-0138	112	113.72	SSCH	SSCH	Non-Mineralized	N-AML	0.01	1.5	122	473	4.61	49	3030	1.5	2	0.37	3	24	51	130	2.98	20	1.44	20		0.82	4180	6	0.08	51
E777300	K-08-0138	110	112	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	1.1	38	237	5	69	3350	1.5	<2	0.61	0.7	14	51	117	2.84	10	1.28	20		1	1865	1	0.26	45
E777299	K-08-0138	107.7	110	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	0.6	24	137	4.38	21	3400	1.1	<2	0.39	<0.5	17	49	157	2.49	10	0.92	10		0.77	1320	3	0.67	40
E601786	K-07-0118	92.76	94.82	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	3.5	65	709	4.99	175	2900	1.5	<2	0.44	3.4	15	53	314	2.98	20	1.36	20		0.71	4030	2	0.13	51
E601788	K-07-0118	94.82	96.82	SSCH	SSCH	Non-Mineralized	N-AML	0.05	2.3	253	1470	6.1	714	970	2.2	<2	0.16	20.1	11	55	67	4.89	20	1.92	20		0.51	5150	1	0.11	31
E601789	K-07-0118	96.82	97.61	SSCH	SSCH	Non-Mineralized	N-AML	0.21	8.1	986	2040	7.09	2200	550	2.6	<2	0.11	32	10	75	59	8.34	20	2.39	30		0.37	6970	5	0.15	42
E601785	K-07-0118	90.79	92.76	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	0.7	35	640	4.69	83	2640	1.3	<2	0.32	1.7	16	55	125	2.95	10	1.25	20		0.78	2360	2	0.11	51
E601784	K-07-0118	89.97	90.79	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	9	437	5.18	59	3040	1.4	<2	0.53	2.4	14	62	90	3.07	20	1.37	20		0.91	1630	3	0.09	55
E776828	K-07-0121	29.59	30.1	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	0.8	2	56	4.38	7	610	0.7	<2	4.87	<0.5	12	45	72	3.3	10	0.68	10		0.82	485	<1	0.29	28
E602220	K-07-0122	145.69	146.95	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	0.5	12	140	4.71	6	3970	1.3	<2	0.47	<0.5	16	47	111	2.82	20	1.3	20		1.01	1795	3	0.16	44
E602214	K-07-0122	136.22	138.19	SSCH	SSCH	Non-Mineralized	P-AML	<0.01	1.3	23	126	5.42	<5	5170	1.4	<2	0.58	<0.5	13	69	90	3.14	10	1.54	20		1.02	878	1	0.16	49
E602215	K-07-0122	138.19	140.13	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	4	96	4.67	<5	4720	1.3	<2	0.41	<0.5	13	55	93	3.03	10	1.36	20		0.91	747	2	0.11	42
E602216	K-07-0122	140.13	142.3	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	0.6	13	110	4.91	<5	5600	1.3	<2	0.6	<0.5	15	50	135	2.97	10	1.27	20		1.01	2860	1	0.23	45
E602218	K-07-0122	142.3	144.3	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	18	96	3.96	16	2620	1.1	<2	0.5	<0.5	15	36	170	2.4	10	1.06	20		0.79	2510	5	0.09	41
E602219	K-07-0122	144.3	145.69	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	10	116	4.06	7	3260	1.1	<2	0.38	<0.5	15	38	142	2.58	10	1.02	10		0.79	3030	2	0.13	41
E602249	K-07-0122	170.32	172.32	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	2.1	460	2170	3.03	9	290	0.5	<2	2.06	17.8	13	34	77	4.29	10	0.54	10		1.26	3310	1	0.06	35
E602268	K-07-0122	202.21	202.96	SSCH	SSCH	Non-Mineralized	N-AML	0.02	0.7	7	121	7.83	26	780	0.8	<2	5.75	<0.5	37	127	195	8.46	20	0.52	10		3.45	1025	<1	0.13	74
E753954	K-08-0130	81.94	83.53	SSCH	SSCH	Non-Mineralized	N-AML	0.03	2.5	415	1595	3.8	56	1750	1.3	4	0.11	33.3	8	45	36	3.9	10	1.59	20		0.26	6180	4	0.03	23
E754019	K-08-0134	100.19	101.91	SSCH	SSCH	Non-Mineralized	N-AML	0.01	0.6	28	131	5.71	<5	2100	1.5	<2	0.63	<0.5	14	59	98	3.11	10	1.55	20		1.17	1380	<1	0.44	61
E754020	K-08-0134	101.91	103.72	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	15	101	5.4	<5	4130	1.4	<2	0.61	<0.5	15	59	138	3.17	10	1.31	20		1.07	2670	1	0.38	48
E754022	K-08-0134	105.72	108.17	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	0.6	10	113	4.43	<5	2300	1.2	<2	1.12	<0.5	10	59	89	2.69	10	1.13	20		0.89	1485	2	0.33	38
E754021	K-08-0134	103.72	105.72	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	9	126	4.79	8	610	1.2	<2	0.38	<0.5	11	69	68	2.86	10	1.33	20		0.91	671	5	0.15	49
E602644	K-08-0136	28.95	31.45	SSCH	SSCH	Non-Mineralized	N-AML	0.01	0.8	24	177	4.91	13	1480	0.9	<2	2.78	0.5	17	67	138	4.29	10	0.79	20		1.47	997	2	0.15	44
E754179	K-08-0140	171.22	173	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	37	97	3.29	11	530	1	<2	0.64	0.6	5	55	13	1.41	10	0.7	20		0.31	329	1	0.28	19
E754178	K-08-0140	170.75	171.22	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	3	1180	2370	5.3	45	370	1	<2	3.26	17.9	26	40	45	7.8	10	0.99	<10		1.95	11100	<1	0.14	61
E777361	K-08-0142	28.47	30.05	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	16	230	5.09	<5	3550	1.5	<2	0.2	<0.5	12	58	49	2.93	20	1.45	20		0.98	1130	1	0.09	47
E602892	K-08-0147	91.37	93.37	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	23	258	4.74	15	3130	1.5	2	0.51	<0.5	11	74	66	2.56	10	1.72	20		0.7	1330	1	0.07	48
E602886	K-08-0147	81.35	83.35	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	13	293	5.39	10	4270	1.8	<2	0.54	0.6	14	47	68	3.03	20	1.67	20		1.01	2180	<1	0.15	44
E602888	K-08-0147	85.35	87.35	SSCH	SSCH	Non-Mineralized	P-AML	0.01	<0.5	13	278	5.59	18	3220	1.7	2	0.51	0.8	24	65	126	3.29	20	1.62	20		1.1	6940	5	0.16	60
E602893	K-08-0147	93.37	95.37	SSCH	SSCH	Non-Mineralized	P-AML	0.01	0.8	21	337	5.23	29	2310	1.5	<2	0.44	0.7	23	96	110	3.1	10	1.7	20		0.73	1305	19	0.17	95
E602891	K-08-0147	89.35	91.37	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	35	354	4.29	19	3140	1.4	3	0.52	1.4	9	61	84	2.09	10	1.7	20		0.65	1195	<1	0.05	36
E602889	K-08-0147	87.35	89.35	SSCH	SSCH	Non-Mineralized	N-AML	0.01	0.5	15	277	5.01	12	3600	1.6	<2	0.63	0.7	12	55	99	2.81	10	1.69	20		0.95	3150	2	0.05	46
E602887	K-08-0147	83.35	85.35	SSCH	SSCH	Non-Mineralized	P-AML	<0.01	<0.5	11	305	5.54	12	2690	1.8	<2	0.6	0.7	17	59	88	3.08	20	1.72	20		1.11	5350	2	0.32	52
E602884	K-08-0147	77.35	79.35	SSCH	SSCH	Non-Mineralized	N-AML	0.02	<0.5	19	495	4.98	6	6470	1.6	<2	0.57	2.1	18	56	46	2.62	10	1.49	20		0.91	3510	<1	0.21	41
E602882	K-08-0147	75.35	77.35	SSCH	SSCH	Non-Mineralized	N-AML	0.04	<0.5	21	1235	5.25	47	4760	1.8	2	0.31	5.3	11	66	145	3.06	20	1.36	20		0.88	1100	2	0.1	48
E602885	K-08-0147	79.35	81.35	SSCH	SSCH	Non-Mineralized	N-AML	0.01	0.6	15	221	5.44	<5	4460	1.7	2	0.48	<0.5	20	45	77	3.21	20	1.67	20		1.02	2420	1	0.28	44
E602895	K-08-0147	97.27	98.56	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	1.3	74	640	4.15	23	2760	1.2	2	0.6	1.6	10	47	355	3.08	10	1.5	10		0.57	2880	4	0.13	36
E754313	K-08-0148	153.06	153.47	SSCH	SSCH	Non-Mineralized	N-AML	0.01	0.6	24	823	6.86	56	330	1.5	<2	3.55	0.8	33	108	115	7.05	20	1.19	10		2.4	3500	1	0.13	70
E602959	K-08-0149	93.57	96.01	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	19	536	5.04	6	3520	1.7	<2	0.46	1	20	43	62	3.51	10	1.65	20		0.85	3220	1	0.1	49
E602958	K-08-0149	91.6	93.57	SSCH	SSCH	Non-Mineralized	N-AML	0.02	0.6	21	478	5.58	115	1090	1.8	<2	0.41	1.2	16	68	162	3.65	20	1.58	20		0.73	1605	2	0.19	53
E602960	K-08-0149	96.01	99.06	SSCH	SSCH	Non-Mineralized	N-AML	0.01	0.7	130	1055	5.32	31	2400	1.9	<2	0.56	7	17	51	73	3.28	10	1.78	20		0.88	3790	1	0.12	48
E602961	K-08-0149	99.06	101.2	SSCH	SSCH	Non-Mineralized	N-AML	0.02	1.9	258	1370	4.68	56	2410	1.6	3	0.16	9.5	9	47	87	3.42	20	1.78	20		0.55	3690	2	0.07	30
E770414	K-08-0150	195.11	197.51	SSCH	SSCH	Mineralized	P-AML	<0.01	<0.5	<2	64	6.59	15	1160	1.9	<2	0.31	1.5	10	86	72	2.68	20	1.41	30		0.54	139	3	0.62	64
E770415	K-08-0150	197.51	199.53	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	4	37	3.61	11	1160	0.9	<2	0.3	0.8	5	56	39	1.56	10	0.81	20		0.38	116	2	0.28	27
E754482	K-08-0154	224.09	225.43	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	22	300	3.24	11	470	0.6	<2	2.89	0.5	9	63	49	2.8	10	0.56	10		0.51	546	2	0.13	29

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E603089	K-08-0155	54.9	57.61	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	14	106	4.98	5	2980	1.6	2	0.5	<0.5	14	48	73	2.93	10	1.5	20		1.07	3660	2	0.37	46
E603094	K-08-0155	66.75	69.85	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	7	219	3.94	7	2800	0.9	2	0.75	0.9	9	34	211	2.99	10	0.97	10		0.92	1650	3	0.15	26
E603093	K-08-0155	63.7	66.75	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	17	125	5.04	<5	2820	1.4	<2	0.28	<0.5	12	60	66	2.77	10	1.52	20		0.99	733	3	0.39	46
E603092	K-08-0155	60.66	63.7	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	14	122	5	<5	2630	1.5	<2	0.44	<0.5	14	61	85	2.83	10	1.46	20		1.06	1260	3	0.43	49
E603091	K-08-0155	57.61	60.66	SSCH	SSCH	Non-Mineralized	N-AML	0.01	<0.5	17	117	5.08	<5	2400	1.5	<2	0.48	<0.5	13	53	79	2.96	10	1.53	20		1.1	3080	2	0.44	47
E770554	K-08-0158	120.32	121.3	SSCH	SSCH	Non-Mineralized	P-AML	<0.01	1	117	678	5.05	17	3390	1.6	2	0.11	6.2	11	70	72	3.46	20	1.64	20		0.96	1140	2	0.08	49
E770553	K-08-0158	119.33	120.32	SSCH	SSCH	Non-Mineralized	P-AML	0.01	1.2	143	542	6.55	23	810	2	3	0.2	3.3	12	87	75	3.76	20	2.15	30		1.04	1500	1	0.17	51
E770556	K-08-0158	121.3	122.34	SSCH	SSCH	Non-Mineralized	N-AML	0.01	1.5	165	956	4.71	45	2770	1.7	3	0.11	9.2	14	54	63	3.81	10	1.59	20		0.86	3890	<1	0.06	46
E770558	K-08-0158	123.34	124.31	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	0.5	12	524	4.49	16	2680	1.4	3	0.08	1.2	10	51	18	3.57	10	1.35	10		0.63	1770	2	0.11	34
E770559	K-08-0158	124.31	125.6	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	1.4	122	1180	3.64	18	1580	1.1	4	0.07	4.8	8	40	43	4.08	10	0.97	10		0.67	2560	5	0.07	33
E770560	K-08-0158	125.6	126.89	SSCH	SSCH	Non-Mineralized	N-AML	0.01	2.7	716	2540	3.86	26	480	0.9	<2	0.11	16	10	53	13	6.27	10	0.86	20		0.65	5130	3	0.06	42
E770557	K-08-0158	122.34	123.34	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	7	158	4.12	26	1440	1.4	<2	0.09	<0.5	11	47	17	4.24	10	1.25	20		0.74	3080	10	0.05	37
E778187	K-08-0177	67.74	68.48	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	<0.5	4	93	5.64	6	1230	1.5	<2	2.83	<0.5	9	104	26	2.81	10	0.85	30		0.93	236	1	1.66	43
E773283	K-10-0262	73.16	74.39	SSCH	SSCH	Non-Mineralized	N-AML	0.01	4.8	460	4260	4.87	92	3030	1.4	<2	0.08	65.9	2	59	83	3.7	20	1.89	20		0.23	7110	4	0.11	9
E773280	K-10-0262	70.34	71.63	SSCH	SSCH	Non-Mineralized	N-AML	0.03	7.4	723	4850	3.82	76	2170	1.1	<2	0.12	109.5	3	57	95	10.1	10	1.59	20		0.28	24800	2	0.06	14
E773303	K-10-0263	52.6	53.81	SSCH	SSCH	Non-Mineralized	N-AML	0.01	1.4	41	1780	5.19	117	3970	1.6	<2	0.09	7.5	8	74	87	3.38	20	1.91	20		0.52	1910	3	0.09	34
E756908	K-10-0244	81.92	82.74	SSCH	SSCH	Non-Mineralized	N-AML	0.11	3.4	579	1950	4.29	54	2190	1.4	2	0.1	15.8	4	67	20	4.14	10	1.61	20		0.45	5040	<1	0.08	18
E773032	K-10-0247	33.61	34.86	SSCH	SSCH	Non-Mineralized	N-AML	<0.002	<0.5	14	157	4.26	4	4970	2.7	<1	0.32	<0.5	14.2	297	91.5	3.19	18	2.08	9	90	1.25	2020	2	0.09	51.6
E773033	K-10-0247	34.86	36.11	SSCH	SSCH	Non-Mineralized	N-AML	<0.002	0.7	15	220	3.16	8	3940	2.2	<1	0.19	<0.5	13.9	436	183	3.41	16	1.58	5	72	0.91	2020	8.3	0.18	42.8
E757010	K-10-0248	70.07	71.75	SSCH	SSCH	Non-Mineralized	N-AML	0.005	<0.5	14	944	4.12	16	4450	2	<1	0.46	2.1	10	220	59.9	2.88	18	2.14	10	45	0.97	2390	1.8	0.07	43.9
E757015	K-10-0248	77.08	78.92	SSCH	SSCH	Non-Mineralized	N-AML	<0.002	<0.5	12	225	3.12	5	3550	1.3	<1	0.89	<0.5	8.2	196	54.6	2.6	13	1.4	9	34	0.91	3250	1.9	0.08	39
E757013	K-10-0248	73.41	75.29	SSCH	SSCH	Non-Mineralized	N-AML	0.005	<0.5	14	498	4.57	4	4070	1.7	<1	0.56	0.8	11.2	231	81.4	3.95	17	2.2	9	66	1.36	2990	3.6	0.07	53.6
E757008	K-10-0248	66.14	68.13	SSCH	SSCH	Non-Mineralized	N-AML	0.003	<0.5	12	313	3.88	24	5450	2	<1	0.55	0.6	14.3	180	58.9	3.02	20	1.75	9	56	1.05	3680	2.1	0.13	50.2
E757007	K-10-0248	64.45	66.14	SSCH	SSCH	Non-Mineralized	N-AML	0.006	2.1	11	504	3.28	89	469	1.7	<1	0.5	1.3	10.6	327	109	3.58	18	1.82	8	37	0.89	2390	4.5	0.16	67.1
E757014	K-10-0248	75.29	77.08	SSCH	SSCH	Non-Mineralized	N-AML	0.016	<0.5	12	256	3.38	4	3400	1.3	<1	1.02	0.7	9.2	342	36.2	2.84	14	1.56	9	45	1.06	1730	2.7	0.08	39.5
E757009	K-10-0248	68.13	70.07	SSCH	SSCH	Non-Mineralized	N-AML	0.006	<0.5	13	278	4.03	3	4440	2.1	<1	0.52	0.5	13.1	246	69.9	3.47	21	1.89	9	60	1.18	4050	3.7	0.21	46.6
E757012	K-10-0248	71.75	73.41	SSCH	SSCH	Non-Mineralized	N-AML	0.003	<0.5	19	663	3.71	15	3410	1.6	<1	0.47	2.1	13.2	429	83.6	2.67	16	1.81	10	52	0.89	3810	4.7	0.06	47.3
E757074a	K-10-0251	71.21	72.53	SSCH	SSCH	Non-Mineralized	P-AML	0.04	12.65	471	3770	4.98	144	2420	1.68	0.67	0.24	86.5	3.2	55	84.3	4.73	16.95	1.99	24.8	14.9	0.44	10350	0.72	0.07	11.4
E757073a	K-10-0251	70.47	71.21	SSCH	SSCH	Non-Mineralized	N-AML	0.02	1.25	144.5	3740	4.6	28.9	2420	1.74	0.29	0.24	71	9.4	45	87.9	2.97	14.45	1.89	22.8	77.1	0.58	2040	2.4	0.06	30.3
E757139	K-10-0253	55.14	56.7	SSCH	SSCH	Non-Mineralized	N-AML	0.004	<0.5	14	107	3.18	<1	2140	1.9	<1	0.31	<0.5	10.3	317	78.7	2.9	17	1.44	7	35	1.06	1200	2.9	0.52	48.7
E757140	K-10-0253	56.7	58.11	SSCH	SSCH	Non-Mineralized	N-AML	0.004	<0.5	12	127	3.82	<1	4310	2.2	<1	0.22	<0.5	12	195	63.3	3.43	19	1.89	10	44	1.3	1720	1.3	0.51	59.4
E757142	K-10-0253	59.74	61.34	SSCH	SSCH	Non-Mineralized	N-AML	0.003	<0.5	24	260	4.33	1	4560	2.3	<1	0.5	1.1	15	381	63.1	3.38	18	1.73	8	83	1.3	2440	2.4	0.37	47.4
E757143	K-10-0253	61.34	63.38	SSCH	SSCH	Non-Mineralized	N-AML	0.004	1.1	52	659	4.68	3	4210	2.5	<1	0.45	4.6	18.2	377	109	3.43	20	1.99	12	83	1.34	2910	4.1	0.65	60.4
E757141	K-10-0253	58.11	59.74	SSCH	SSCH	Non-Mineralized	N-AML	0.003	<0.5	24	589	3.86	1	3680	2.1	<1	0.58	3.4	14.8	338	39.6	2.91	17	1.79	11	71	1.17	2510	2.5	0.36	49.2
E757146	K-10-0253	65.71	67.84	SSCH	SSCH	Non-Mineralized	N-AML	<0.002	1.6	30	188	4.56	2	4250	2.4	<1	0.45	0.6	14.4	377	79.1	3.55	18	1.72	11	96	1.32	2090	2.6	0.43	46
E757138	K-10-0253	52.85	55.14	SSCH	SSCH	Non-Mineralized	N-AML	0.003	<0.5	16	142	4.52	<1	3030	2.4	<1	0.49	<0.5	12.1	158	92.1	3	20	1.48	13	48	1.37	5780	1.9	0.58	55.1
E757147	K-10-0253	67.84	69.25	SSCH	SSCH	Non-Mineralized	N-AML	<0.002	1.1	27	228	4.23	1	5060	2	<1	0.47	0.8	11.8	405	49.8	3.21	17	1.58	10	100	1.27	1740	3.6	0.15	36.7
E757144	K-10-0253	63.38	65.71	SSCH	SSCH	Non-Mineralized	N-AML	<0.002	0.6	19	196	3.58	1	3430	2	<1	0.65	<0.5	13.9	336	88.7	2.91	17	1.66	12	69	1.12	4280	2.3	0.38	45.8
E773832	K-10-0306	101.2	102.2	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	2.26	165.5	4180	4.84	70.1	2470	1.64	0.49	0.11	43	4.4	51	84.7	3.91	15.8	1.81	21.3	50.6	0.44	5160	2.85	0.04	15
E773833	K-10-0306	102.2	103.18	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	1.09	150.5	3950	3.98	37.9	2080	1.03	0.46	0.08	22.9	4.7	42	18.3	4.73	15.5	1.46	17.6	43.9	0.31	7940	5.3	0.04	12.9
E773834	K-10-0306	103.18	104.18	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	3.61	148.5	1680	4.07	47.3	3780	1.55	0.28	0.06	8.85	6.8	42	100	3.38	15.35	1.54	14.9	37.2	0.26	4710	4.89	0.06	16.1
E773835	K-10-0306	104.18	105.18	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	2.22	210	2490	4.02	33.4	3240	1.57	0.13	0.07	12.9	7.9	40	176	3.04	15.65	1.39	15.2	54.8	0.38	4270	2.21	0.05	22.3
E773836	K-10-0306	105.18	105.77	SSCH	SSCH	Non-Mineralized	N-AML	0.02	3.19	249	2760	3.61	48.9	2070	1.34	0.73	0.08	29.1	6.1	35	79.5	2.74	12.9	1.35	17.4	38.6	0.28	4460	4.03	0.04	15.8
E773837	K-10-0306	105.77	106.77	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	3.56	225	4120	2.31	45.6	540	0.69	0.55	0.08	22	5.9	23	59.3	4.83	9.63	0.83	12.5	19	0.16	10950	9.19	0.01	16.2
E773838	K-10-0306	106.77	107.5	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	1.95	82.5	1410	4.76	53.7	2280	1.76	0.25	0.08	9.39	6.5	47	109.5	2.59	15.6	1.64	20.3	47.6	0.51	2220	3.39	0.06	24.7
E774692	K-10-0309	127.62	129.54	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	1.58	103.5	1620	5.68	27.9	3440	2.03	0.85	0.12	5.93	14.7	69	64.1	4.61	16.25	1.92	27.2	52.9	1.14	1650	0.59	0.04	46.9
E774694	K-10-0309	129.54	130.55	SSCH	SSCH	Non-Mineralized	N-AML	<0.01	1.73	137	1530	4.55	21.8	2240	1.8	0.4	0.12	16.85	11.3	46	72.3	3.83	13.55	1.34	20.4	48.6	1.05	1850	2.1	0.04	33.3
E774755	K-10-0318	156.97	157.77	SSCH	SSCH	Non-Mineralized	P-AML	<0.01	1.5	118	521	6.07	186	980	1.1	2	0.15	3.3	7	69	8	5.67	20	2.18	30		0.23	7050	<1	0.08	17
E004090	K-11-0329	82.2	82.73	SSCH	SSCH	Non-Mineralized	P-AML	<0.01	1.3	193	3240	5.07	222	2250	1.5	<2	0.1	72.6	4	66	52	3.47	10	1.73	20		0.71	1310	4	0.17	13
E770172	K-08-0139	139.35	139.6	SSCH	SSCH	Mineralized	P-AML	0.01	17	2510	6520	6.14	19	70	1.8	<2	1.95	50.5	34	37	159	9.58	10	1.08	<10		2.4	17700	<1	0.1	72
E773279	K-10-0262	68.27	70.34	SSCH	SSCH	Mineralized	P-AML	0.2	64.4	616	12750	3.74	262	240	1.2	14	0.08	199	6	61	817	7.72	10	1.48	10		0.25	15600	3	0.05	12
E773282	K-10-0262	71.63	73.16	SSCH	SSCH	Mineralized	P-AML	1.62	8	301	42900	2.86	78	230	0.9	<2	0.07	524	6	41	261	5.79	10	1.2	10		0.18	13200	2	0.04	5
E773284	K-10-0262	74.39	75.51	SSCH	SSCH	Mineralized	P-AML	0.06	3.1	167	6060	3.08	283	660	0.8	5	0.09	97	8	52	46	6.76	10	1.09	20		0.18	12150	3	0.07	11
e756937	K-10-0245	83.99	85.18	SSCH	SSCH	Mineralized	P-AML	<0.01	8.31	459	8710	4	124.5	2350	1.02	0.81	0.1	46.9	5.7	377	160	5.31	12.05	1.59	17.4	12.9	0.39	9160	8.29	0.05	13.8
E757052	K-10-0248	121.66	123.47	SSCH	SSCH	Mineralized	P-AML	0.015	4	304	9250	4.69	11	404	1.1	4	0.24	82.1	19.6	197	82.5	12.1	21	1.6	2	64	1.36	30400	1.7	0.05	64.8
E004067	K-11-0330	82.16	83.82	SSCH	SSCH	Mineralized	P-AML	0.02	3.3	225	7490	3.88	137	1700	1.3	4	0.09	77.4	4	52	54	4.45	10	1.5	20		0.22	8550	2	0.08	13
E004068	K-11-0330	83.82	85.39	SSCH	SSCH	Mineralized	P-AML	0.1	25.5	484	24500	3.53	129	690	1	6	0.14	274	6	68	166	7.7	10	1.38	10		0.28	18400	1	0.06	12
E004084	K-11-0329	76.37	77.53	SSCH	SSCH	Mineralized	P-AML	<0.01	1.2	94	8350	4.14	97	1860	1.4	<2	0.09	99.2	6	58	72	3.26	10	1.58	20		0.46	3020	4	0.08	14
E000063	K-11-0334	70.51	71.59	SSCH	SSCH	Mineralized	P-AML	<0.01	1.6	229	13350	4.5	406	410	1.3	<2	0.08	152	5	52	77	8.28	20	0.85	20		0.68	8630	<1	0.09	16
E756748	K-10-0237	44.89	46.39	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	16	4100	1.18	8	70	<0.5	<2	0.51	19.1	2	59	3	2.25	<10	0.15	10		0.18	846	1	0.02	7
E773292	K-10-0263	45.06	46.52	TQTZT	TQTZT	Non-Mineralized	N-AML	0.03	16.3	649	3940	2.65	176	130	1	4	0.05	165	<1	77	118	3.69	10	0.51	10		0.16	3900	2	0.11	7
E773301	K-10-0263	51.06	51.8	TQTZT	TQTZT	Non-Mineralized	N-AML	0.17	5.5	329	2760	0.84	7980	90	<0.5	8	0.16	272	9	39	43	17.6	<10	0.29	10		0.33	39800	<1	0.03	13
E773302	K-10-0263	51.8	52.6	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	1.3	141	913	0.68	321	160	<0.5	<2	0.05	22.5	<1	42	36	3.1	<10	0.25	10		0.07	4550	2	0.01	2
E773300	K-10-0263	50.13	51.06	TQTZT	TQTZT	Non-Mineralized	N-AML	0.12	7.7	323	3370	1.48	1240	220	<0.5	8	0.08	176	4	61	72	8.72	<10	0.57	10		0.17	17400	2	0.04	6
E756832	K-10-0241	12.95	15.11	TQTZT	TQTZT	Non-Mineralized	N-AML	0.011	0.6	101	1090	1.92	465	222	<0.5	<1	0.09	19.3	1.9	344	8.1	4.55	6	0.75	7	6	0.09	10400	2.9	0.06	12.3
E756831	K-10-0241	11.23	12.95	TQTZT	TQTZT	Non-Mineralized	N-AML	0.002	0.9	189	549	4.48	38	856	1.3	<1	0.13	3.6	2.3	566	10.5	5.23	15	1.77	13	31	0.34	6200	3.6	0.22	24.6
E756830	K-10-0241	8.89	11.23	TQTZT	TQTZT	Non-Mineralized	N-AML	0.002	2.4	355	1080	2.4	23	543	0.9	<1	0.26	9.5	6.5	517	55.9	3.4	8	0.68	9	21	0.35	7230	3	0.19	27.3
E756839	K-10-0241	22.61	23.47	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	15	689	3.23	8	614	0.9	<1	1.66	3.1	7.2	383	14.6	2.39	10	0.93	10	36	0.35	402	3.2	0.13	36.7
E756838	K-10-0241	21.45	22.61	TQTZT	TQTZT	Non-Mineralized	N-AML	0.002	<0.5	13	189	3.55	7	660	1.2	<1	0.6	1	5	448	15.1	2.38	11	1.04	13	19	0.25	267	2.9	0.14	27.2
E756837	K-10-0241	19.45	21.45	TQTZT	TQTZT	Non-Mineralized	N-AML	0.004	<0.5	18	227	4.95	12	887	1.5	<1	0.41	1	4.8	353	15.8	2.56	14	1.31	11	15	0.23	280	2.6	0.17	32.6

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E756835	K-10-0241	17.37	19.45	TQTZT	TQTZT	Non-Mineralized	N-AML	0.002	0.5	27	384	2.26	7	451	0.7	<1	0.13	2.7	4.8	471	25.9	2.29	7	0.82	6	11	0.08	588	3	0.1	21.5
E756853	K-10-0241	44.26	45.49	TQTZT	TQTZT	Non-Mineralized	N-AML	0.006	<0.5	13	163	3.3	9	791	1.7	<1	0.62	<0.5	8.7	528	15.8	3.25	16	1.26	11	26	0.37	335	3.4	0.15	41.6
E756852	K-10-0241	42.51	44.26	TQTZT	TQTZT	Non-Mineralized	N-AML	0.003	<0.5	12	113	2.46	8	520	0.9	<1	0.89	<0.5	5.9	349	11.7	2.87	9	0.83	12	20	0.39	325	2.6	0.1	24.4
E756875	K-10-0241	73.45	75.08	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	1	210	2430	4.47	17	861	0.8	<1	0.16	12.2	5.4	225	19.5	3.48	8	1.86	9	10	0.23	10200	3.2	0.15	27.6
E756874	K-10-0241	72.61	73.45	TQTZT	TQTZT	Non-Mineralized	N-AML	0.006	1	150	1620	3.96	32	686	1.4	<1	0.22	2.9	4.8	327	16.2	4.48	14	1.73	8	6	0.27	11600	2.9	0.11	21.7
E756873	K-10-0241	71.01	72.61	TQTZT	TQTZT	Non-Mineralized	N-AML	0.004	0.7	27	560	4.62	22	947	0.9	<1	0.74	4.4	6.9	283	12.1	2.96	8	2.48	3	10	0.42	2150	3.8	0.17	32.2
E756901	K-10-0241	95.78	97.81	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	1	148	1550	1.99	75	260	0.6	<2	0.08	30.1	1	86	22	2.03	<10	0.61	20		0.09	1575	2	0.07	3
E756902	K-10-0241	97.81	98.62	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	2.7	409	3500	1.11	46	140	<0.5	<2	0.12	67.1	1	65	40	2.71	<10	0.36	20		0.17	4210	1	0.04	4
E756903	K-10-0241	98.62	99.54	TQTZT	TQTZT	Non-Mineralized	P-AML	<0.01	0.8	117	1020	5.49	63	800	1.6	<2	0.15	6.1	3	109	5	3.42	10	2.06	30		0.16	504	1	0.13	13
E756904	K-10-0241	99.54	101.8	TQTZT	TQTZT	Non-Mineralized	P-AML	<0.01	1	231	1010	5.29	55	830	1.6	2	0.16	7.1	3	108	10	3.35	10	1.95	30		0.18	2020	1	0.15	13
E756917	K-10-0244	88.09	89.3	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	3.5	115	3480	2.95	186	540	0.8	<2	0.08	21.7	3	73	23	2.99	10	1.09	20		0.09	3460	1	0.06	8
E756944	K-10-0245	92.78	94.17	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	3	184	4920	2.65	105	340	0.7	3	0.1	75.3	3	70	75	3.32	10	0.96	30		0.12	5980	2	0.07	9
E756958	K-10-0245	105.46	107.59	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	1.6	251	3920	0.94	31	130	<0.5	5	0.09	44.9	1	77	21	2.2	<10	0.32	20		0.07	3820	3	0.03	4
E756956	K-10-0245	103.12	104.15	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	1.3	271	4640	0.84	64	80	<0.5	2	0.07	63.8	1	72	29	2.9	<10	0.29	20		0.06	3890	3	0.02	4
E756959	K-10-0245	107.59	109.6	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	2.3	400	2980	1.63	89	230	<0.5	3	0.09	35.9	2	66	37	2.72	<10	0.52	30		0.08	3280	3	0.05	8
E756960	K-10-0245	109.6	111.85	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	1.2	265	2210	3.7	51	620	1.2	<2	0.39	26.3	6	90	20	2.67	10	1.22	30		0.18	3880	2	0.13	20
E773015	K-10-0247	7.32	9.53	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	40	224	1.83	15	366	1.2	<1	0.08	1.4	6.8	475	9.9	1.62	6	0.65	7	19	0.09	1410	3.5	0.09	20.5
E773016	K-10-0247	9.53	11.28	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	13	151	2.02	7	431	0.8	<1	1.63	1.1	5	455	8.5	1.55	5	0.69	7	22	0.2	302	3.4	0.07	17.2
E773017	K-10-0247	11.28	13.85	TQTZT	TQTZT	Non-Mineralized	N-AML	0.006	<0.5	11	263	2.05	14	471	1.1	<1	1.81	1.4	4.2	671	10.4	1.69	5	0.76	9	18	0.13	233	4.6	0.07	18.8
E773021	K-10-0247	17.74	19.55	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	6	176	0.74	12	179	<0.5	<1	0.52	1.3	1.9	334	5.1	0.63	<5	0.26	6	11	0.06	164	3.3	0.02	6.1
E773023	K-10-0247	21.66	22.87	TQTZT	TQTZT	Non-Mineralized	N-AML	0.009	<0.5	3	222	0.47	16	105	<0.5	<1	1.29	1.9	2.3	523	2.7	0.65	<5	0.18	6	7	0.03	272	4.6	0.01	6.8
E773020	K-10-0247	16.46	17.74	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	5	124	0.74	5	217	<0.5	<1	4.02	1.9	2.6	537	3.7	0.92	<5	0.25	6	12	0.13	179	3.3	0.02	8.5
E773022	K-10-0247	19.55	21.66	TQTZT	TQTZT	Non-Mineralized	N-AML	0.003	<0.5	3	182	0.4	19	95	<0.5	<1	0.29	1.4	1.5	381	2.5	0.47	<5	0.16	5	6	0.03	177	3.7	0.01	4.7
E773019	K-10-0247	14.61	16.46	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	6	96.4	0.6	4	114	<0.5	<1	1.24	0.7	2.5	506	4.2	0.7	<5	0.21	6	10	0.07	150	3.9	0.02	9.2
E773024	K-10-0247	22.87	25.01	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	13	141	3.26	16	783	1.5	<1	3.13	<0.5	4	588	9.9	1.82	9	1.1	16	33	0.2	209	3.8	0.17	15
E773026	K-10-0247	25.01	25.88	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	1.7	13	214	2.9	9	749	1.8	<1	2.11	0.7	6.2	536	14.2	2.46	9	1.07	9	67	0.34	172	4	0.22	30.3
E773027	K-10-0247	25.88	26.51	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	0.8	8	87	2.58	3	567	1.3	<1	2.29	<0.5	3.4	448	7.3	1.32	6	0.77	10	36	0.27	136	4.2	0.16	15.1
E773028	K-10-0247	26.51	28.82	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	0.6	7	62.9	3.18	2	1080	1.3	<1	5.9	<0.5	5.4	758	13.8	1.76	8	0.89	20	55	0.68	412	5.3	0.22	24.3
E773031	K-10-0247	32.79	33.61	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	5	156	2.38	5	1220	1	<1	4.63	0.5	5.7	396	33.2	1.78	6	0.71	13	25	0.68	871	4.9	0.1	18.3
E773034	K-10-0247	36.11	37.78	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	6	709	1.43	13	949	0.9	<1	0.57	2.1	7.1	425	35.3	1.3	<5	0.6	10	26	0.33	906	4.8	0.09	25
E773037	K-10-0247	39.16	40.8	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	10	623	0.71	8	253	<0.5	<1	1.38	1.9	2.2	467	5.2	0.81	<5	0.24	6	8	0.08	280	4.8	0.04	9.1
E773039	K-10-0247	40.8	41.12	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	6	265	2.66	2	656	0.9	<1	6.01	0.6	7	306	35.1	1.68	7	0.56	15	39	0.72	546	3.4	0.26	25.2
E773040	K-10-0247	41.12	43.01	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	4	1920	1.02	3	565	<0.5	<1	0.68	5.9	3.6	451	17.5	1	<5	0.36	9	13	0.22	1030	4.2	0.03	13.2
E773045	K-10-0247	47.04	48.82	TQTZT	TQTZT	Non-Mineralized	N-AML	0.002	0.8	6	431	3.6	7	1720	0.6	<1	2.72	3	8.6	339	56.9	3.22	10	0.91	14	19	1.15	1160	4.7	0.05	24
E773047	K-10-0247	49.99	51.35	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	4	292	2.99	6	1410	<0.5	<1	4.78	3.2	8.8	466	41.3	2.63	7	0.8	14	18	1.04	1350	7.5	0.02	26.6
E773048	K-10-0247	51.35	52.92	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	3	2770	0.96	6	506	<0.5	<1	0.48	17.6	4.2	326	17.4	1.09	<5	0.32	7	6	0.23	1880	3.2	0.02	21.4
E773053	K-10-0247	57.85	59.16	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	19	346	1.66	5	428	<0.5	<1	4.09	4.6	3.4	481	9.9	1.37	<5	0.51	9	9	0.18	405	4.4	0.11	14.9
E773054	K-10-0247	59.16	61.23	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	31	110	1.25	4	243	<0.5	<1	2.11	0.5	2.3	602	6.6	1.17	<5	0.45	7	5	0.13	263	4.4	0.05	11.2
E773060	K-10-0247	65.96	68.01	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	33	813	1.5	10	298	<0.5	<1	1.01	2.4	3	477	5.6	1.23	<5	0.59	9	7	0.16	2260	4.2	0.04	11.3
E773061	K-10-0247	68.01	70.29	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	0.7	29	417	1.09	4	190	<0.5	<1	0.83	1.8	2	504	5.8	0.98	<5	0.4	8	4	0.12	871	4.4	0.02	9
E773062	K-10-0247	70.29	72.17	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	15	811	0.61	5	93	<0.5	<1	1.08	3.3	2.3	617	5.2	1.05	<5	0.21	7	3	0.07	808	4.7	0.01	9.8
E773064	K-10-0247	72.17	74.45	TQTZT	TQTZT	Non-Mineralized	N-AML	0.003	2.2	81	1440	0.71	12	113	<0.5	<1	0.57	8	3.5	1340	12.4	1.54	<5	0.24	6	4	0.09	1420	9	0.01	15.8
E773058	K-10-0247	63.22	64.85	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	0.5	29	290	4.02	7	757	1	<1	2.47	0.5	6.1	551	12.2	2.09	10	1.35	8	25	0.33	360	4.9	0.29	24.6
E773059	K-10-0247	64.85	65.96	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	214	2570	1.02	18	190	<0.5	<1	0.45	9.4	4.8	596	5.3	1.17	<5	0.37	6	12	0.1	2400	4.6	0.02	17.1
E773065	K-10-0247	74.45	76.15	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	0.9	48	1710	0.32	9	36	<0.5	<1	0.06	9.2	1.8	599	4.2	0.86	<5	0.12	4	3	0.04	2310	5.9	<0.01	7
E773066	K-10-0247	76.15	78.16	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	47	1530	0.51	8	70	<0.5	<1	0.07	8.3	2	575	5.1	1.18	<5	0.2	5	2	0.06	3500	5.6	<0.01	7.6
E773074	K-10-0247	85.47	87.15	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	29	3160	3.3	12	669	0.8	<1	3	33.8	6.2	363	14.6	2.17	8	0.97	12	13	0.33	2260	3	0.13	21.9
E773093	K-10-0247	102.2	103.32	TQTZT	TQTZT	Non-Mineralized	N-AML	0.03	1.1	130	2530	0.84	50	60	<0.5	3	0.04	54.1	1	67	35	1.04	<10	0.2	20		0.08	1120	4	0.03	2
E773094	K-10-0247	103.32	104.35	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	2.3	535	4580	0.77	29	70	<0.5	3	0.17	91.5	1	56	9	3.19	<10	0.24	20		0.36	9250	2	0.03	2
E773095	K-10-0247	104.35	105.6	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	2.2	477	4290	2.78	54	280	0.8	<2	0.19	38.3	2	83	19	2.8	<10	0.79	30		0.26	4880	3	0.11	7
E773096	K-10-0247	105.6	106.86	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.9	79	3790	1.76	32	200	0.5	<2	0.09	20.4	2	63	15	1.27	<10	0.58	20		0.09	1530	2	0.05	4
E756973	K-10-0248	14.22	15.37	TQTZT	TQTZT	Non-Mineralized	N-AML	0.003	<0.5	22	166	3.58	13	924	1.6	<1	0.35	<0.5	10.5	325	20.5	3.82	15	1.35	19	22	0.33	317	2.3	0.13	45.1
E756972	K-10-0248	12.6	14.22	TQTZT	TQTZT	Non-Mineralized	N-AML	0.004	<0.5	54	783	2.92	18	692	1.2	<1	0.52	5	9.6	477	7.3	3.8	10	1.45	18	35	0.23	4670	3.9	0.1	33.4
E756978	K-10-0248	21.2	23.17	TQTZT	TQTZT	Non-Mineralized	N-AML	0.002	<0.5	15	312	3.16	10	722	0.9	<1	0.5	1.5	6.7	559	8.4	2.82	11	1.07	12	19	0.24	354	3.7	0.12	29.3
E756983	K-10-0248	29.48	31.52	TQTZT	TQTZT	Non-Mineralized	N-AML	0.004	<0.5	12	296	2.24	9	460	0.8	<1	0.92	1.6	4.7	256	9.5	2.31	8	0.63	9	10	0.33	464	2.7	0.08	21.7
E756982	K-10-0248	28.3	29.48	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	12	89.9	3.96	10	935	1.5	<1	0.82	<0.5	4.1	373	10.9	2.56	15	1.32	12	30	0.38	220	3.6	0.18	28.6
E756988	K-10-0248	37.3	38.74	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	8	197	1.73	19	293	0.6	<1	0.81	<0.5	3.9	271	4.4	1.83	5	0.41	8	21	0.27	530	3.4	0.05	17.4
E756989	K-10-0248	38.74	40.54	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	10	125	2.11	19	303	0.8	<1	1.24	<0.5	6.2	393	11.1	2.63	7	0.46	8	26	0.27	363	3.8	0.08	25.1
E756990	K-10-0248	40.54	42.79	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	9	57.7	2.24	10	307	0.6	<1	2.48	<0.5	4.5	393	7.9	1.95	6	0.46	16	25	0.27	316	3.1	0.09	14.3
E757000	K-10-0248	54.52	56.08	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	13	76.2	3.02	19	605	1.3	<1	1.73	<0.5	6.3	315	13	3.17	12	0.94	6	17	0.55	375	3.2	0.12	31.5
E757004	K-10-0248	59.7	61.4	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	2.2	12	269	2.36	35	546	1	<1	1.51	<0.5	6.6	352	14.2	2.51	10	0.9	7	21	0.48	367	3.6	0.13	28.5
E757022	K-10-0248	88	90.08	TQTZT	TQTZT	Non-Mineralized	N-AML	0.02	<0.5	6	655	1.9	25	250	0.6	3	0.78	1.9	3	81	9	1.31	10	0.57	30		0.17	460	2	0.07	14
E757021	K-10-0248	86.18	88	TQTZT	TQTZT	Non-Mineralized	N-AML	0.02	<0.5	10	3990	0.92	16	130	<0.5	4	0.79	11	3	56	5	0.95	<10	0.27	20		0.14	999	3	0.04	8
E757020	K-10-0248	84.36	86.18	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	14	4550	1.76	31	445	1	<1	0.77	16.5	4.7	316	12.2	1.5	7	0.77	8	14	0.23	1870	3.9	0.16	22.6
E757019	K-10-0248	82.51	84.36	TQTZT	TQTZT	Non-Mineralized	N-AML	0.002	<0.5	17	3990	1.3	54	495	0.5	<1	0.6	14.7	2.7	307	5.1	1.26	<5	0.56	7	4	0.16	1460	3.9	0.09	14.6
E757018	K-10-0248	80.54	82.51	TQTZT	TQTZT	Non-Mineralized	N-AML	0.003	0.5	11	1570	3.2	55	516	1.3	<1	1.01	4.6	10.1	390	91.5	2.73	12	1.19	8	26	0.76	1380	45.4	0.17	53.3
E757016	K-10-0248	78.92	80.54	TQTZT	TQTZT	Non-Mineralized	N-AML	0.004	0.6	18	520	2.94	58	977	1.3	<1	0.49	2.2	24.4	259	132	2.91	14	1.41	6	32	0.93	1690	17.5	0.15	117
E757025	K-10-0248	92.2	94.24	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	0.5	11	472	2.24	13	360	0.6	4	1.6	1.3	4	75	12	1.47	<10	0.51	30		0.22	253	3	0.1	15
E757026	K-10-0248	94.24	96.37	TQTZT	TQTZT	Non-Mineralized	N-AML	0.03	<0.5	3	211	1.81	6	320	0.5	<2	2.95	1	3	59	8	1.3	10	0.44	30		0.22	223	2	0.08	12
E757023	K-10-0248	90.08	92.2	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.5	6	366	3.16	14	470	0.9	<2	1.67	1	5	79	12	1.78	10	0.8	30		0.29	247	3	0.15	20

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E757028	K-10-0248	97.28	98.64	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	0.9	291	1530	4.09	22	610	1.1	3	2.03	8.5	6	83	13	2.61	10	1.14	40		0.34	2440	1	0.16	24
E757027	K-10-0248	96.37	97.28	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	377	3.37	13	540	0.9	<2	1.33	0.6	5	88	11	1.69	10	0.8	30		0.31	348	2	0.14	22
E757040	K-10-0248	110.79	111.86	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	0.9	261	1630	2.16	22	400	0.7	<2	0.13	11.4	2	64	5	2.01	<10	0.8	10		0.13	4340	1	0.06	11
E757042	K-10-0248	113.29	114.62	TQTZT	TQTZT	Non-Mineralized	N-AML	0.031	3.2	350	3970	3.43	10	395	1.3	<1	0.29	26.1	9.6	597	19.8	5.75	12	1.88	9	15	0.29	18600	4	0.1	36.6
E757041	K-10-0248	111.86	113.29	TQTZT	TQTZT	Non-Mineralized	N-AML	0.012	1.9	243	3360	2.97	11	303	1.5	<1	0.13	25.3	6.7	528	44.1	4.17	9	1.33	9	6	0.16	9070	3.8	0.07	27.8
E757059	K-10-0248	130.21	132.51	TQTZT	TQTZT	Non-Mineralized	N-AML	0.004	1.4	144	2160	2.44	5	551	1	<1	0.13	19	5.5	682	47.8	3.56	9	1.24	6	6	0.16	8680	5.1	0.09	26.4
E757060	K-10-0248	132.51	133.2	TQTZT	TQTZT	Non-Mineralized	N-AML	0.002	2.7	57	1240	0.79	2	88	<0.5	<1	0.05	9.1	2.1	416	188	2.26	<5	0.32	4	2	0.08	5830	4.5	0.02	9.9
E773103	K-10-0249	7.62	8.74	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.9	146	416	2.39	17	310	0.8	<2	0.08	5.9	3	61	22	1.56	10	0.7	20		0.08	827	2	0.08	10
E773102	K-10-0249	7.31	7.62	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	3.7	725	1925	4.57	42	270	0.8	3	1.39	34.7	11	126	43	7.46	10	0.62	20		1.34	8100	1	0.09	46
E773104	K-10-0249	110.3	111.2	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	19	1610	1.47	21	200	<0.5	<2	1.22	2.6	4	95	6	1.14	<10	0.48	20		0.3	623	4	0.06	10
E773114	K-10-0249	119.92	120.68	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	0.6	59	4790	0.4	146	10	<0.5	<2	0.05	35.7	2	62	13	1.33	<10	0.14	20		0.03	1920	3	0.01	<1
E773112	K-10-0249	117.78	118.98	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	2.1	295	3170	3.01	38	410	0.8	2	1.17	39.1	5	70	9	2.56	10	1.05	20		0.46	5550	2	0.16	12
E773133	K-10-0249	139.22	141.22	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.5	99	1235	1.8	17	230	0.5	<2	0.56	18.3	3	69	11	1.39	<10	0.68	20		0.26	1500	2	0.06	13
E773132	K-10-0249	138.49	139.22	TQTZT	TQTZT	Non-Mineralized	P-AML	<0.01	1.1	30	1280	4.51	26	650	1.3	<2	0.27	13.5	7	109	10	1.94	10	1.65	30		0.19	809	2	0.17	24
E773151	K-10-0250	120.93	122.07	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	3.9	100	3780	4.68	36	630	1.2	<2	0.28	19.6	7	99	12	2.95	10	1.76	20		0.21	3860	1	0.12	26
E773149	K-10-0250	119.96	120.93	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	62	1630	1.63	17	250	<0.5	<2	0.32	7.2	2	70	4	1.38	<10	0.61	10		0.15	1635	2	0.04	9
E773153	K-10-0250	123.07	123.98	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	0.7	94	2770	0.76	10	80	<0.5	<2	0.07	12	2	52	3	1.39	<10	0.28	10		0.08	2350	1	0.02	7
E773189	K-10-0250	144.35	144.64	TQTZT	TQTZT	Non-Mineralized	P-AML	0.01	3	199	2890	8.92	142	800	2	4	0.34	34.9	12	156	15	8.12	20	2.84	40		0.53	5270	1	0.27	66
E773194	K-10-0250	148.98	150.1	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	1.6	309	2640	2.17	27	250	0.7	<2	0.2	32.2	3	84	20	2.05	10	0.8	10		0.17	3980	4	0.06	15
E773196	K-10-0250	150.1	151.73	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	1.9	388	3770	1	32	90	<0.5	<2	0.12	55.2	2	77	23	1.39	<10	0.31	10		0.09	1745	4	0.04	7
E773197	K-10-0250	151.73	152.91	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	0.6	177	3230	1.4	11	120	<0.5	<2	0.9	33.1	1	82	5	3.36	<10	0.39	10		0.53	7020	3	0.06	6
E773198	K-10-0250	152.91	153.9199	TQTZT	TQTZT	Non-Mineralized	N-AML	0.07	1.2	109	2450	3.72	92	480	1.1	2	0.22	18.2	7	91	11	3.12	10	1.28	20		0.22	3810	3	0.11	31
E757119	K-10-0253	23.76	25.67	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	10	127	2.42	7	493	1.3	<1	2.01	<0.5	6.8	450	11.4	2.03	6	0.63	9	62	0.54	320	4.7	0.12	21.5
E757121	K-10-0253	26.3	28.25	TQTZT	TQTZT	Non-Mineralized	N-AML	0.006	1.6	50	221	4.1	20	878	1.8	<1	1.65	1	8.3	459	41.7	3.75	19	1.2	12	26	0.59	554	3.8	0.2	42.9
E757120	K-10-0253	25.67	26.3	TQTZT	TQTZT	Non-Mineralized	N-AML	0.006	<0.5	19	127	5.4	21	1080	3.2	<1	2.29	<0.5	10.7	374	19.6	4.17	22	1.42	18	115	1.17	339	3	0.32	41.6
E757122	K-10-0253	28.25	30.25	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	0.7	80	270	2.66	11	541	0.8	<1	3.21	2.3	4.6	321	15.5	2.03	8	0.88	15	17	0.26	2900	3	0.09	16.9
E757123	K-10-0253	30.25	32.38	TQTZT	TQTZT	Non-Mineralized	N-AML	0.004	<0.5	16	232	1.52	8	317	0.5	<1	3.77	2.2	2.9	689	5.3	1.56	<5	0.53	10	14	0.19	573	5.1	0.05	10.4
E757126	K-10-0253	35.12	36.38	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	5	226	1.81	5	342	0.6	<1	2.43	<0.5	2.6	356	6.1	1.13	5	0.52	8	14	0.19	204	2.6	0.09	10
E757127	K-10-0253	36.38	38.66	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	9	83.9	2.2	3	461	0.7	<1	3.23	<0.5	3.1	231	7.3	1.48	6	0.68	11	17	0.35	184	1.9	0.08	11.4
E757128	K-10-0253	38.66	40.68	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	3	52	0.88	3	199	<0.5	<1	2.28	<0.5	1.7	210	4	0.76	<5	0.23	7	8	0.15	112	2.1	0.05	8.1
E757130	K-10-0253	40.68	42.82	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	5	78.3	0.75	3	259	<0.5	<1	1.21	0.7	1.7	254	5.1	0.71	<5	0.24	5	5	0.09	84	2.4	0.04	8.5
E757131	K-10-0253	42.82	44.9	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	4	92.6	1.19	2	350	<0.5	<1	3.94	0.6	2.6	296	8.1	0.91	<5	0.33	9	7	0.23	332	3.1	0.07	8.5
E757137	K-10-0253	52.5	52.85	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	4	179	1.79	4	810	0.6	<1	3.57	0.7	3.8	224	36.6	1.25	5	0.49	12	10	0.52	722	3.1	0.12	14.3
E757148	K-10-0253	69.25	69.72	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	1.2	25	2810	2.66	15	1520	1.3	<1	1.22	8.2	18.8	502	175	2.49	9	0.9	8	58	0.69	2500	6	0.15	48.3
E757158	K-10-0253	80.73	83.64	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	19	3320	5.35	58	1070	2.6	<1	0.9	13.9	12.7	434	18.6	3.45	17	1.49	14	49	0.55	1710	3.4	0.25	42.6
E757152	K-10-0253	73.29	74.98	TQTZT	TQTZT	Non-Mineralized	N-AML	0.004	<0.5	12	945	2.61	3	945	1.9	<1	1.08	3.9	5.8	442	11.1	1.83	10	1.23	11	48	0.41	445	3.8	0.2	23.4
E757155	K-10-0253	76.8	77.85	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	13	1970	3.8	11	761	2.2	<1	0.31	6.6	10.4	378	14.4	2.68	12	1.06	11	84	0.48	1160	3.2	0.29	35.3
E757157	K-10-0253	79.81	80.73	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	9	2600	2.42	24	411	1.2	<1	1.2	10.4	5.3	259	8.3	1.27	7	0.91	8	22	0.49	1200	2.2	0.06	18.9
E757196	K-10-0253	112.44	114.59	TQTZT	TQTZT	Non-Mineralized	N-AML	0.12	10.2	439	3250	1.82	489	190	0.4	20.9	0.14	35.1	8.2	71	85	3.95	5.88	0.55	13.3	5	0.12	6890	2.43	0.05	14.1
E757193	K-10-0253	107.87	108.51	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.52	28.5	2300	0.36	25.4	40	0.09	0.43	0.05	36.8	0.6	53	15.3	0.74	1.2	0.14	5.7	1.9	0.03	1430	2.51	0.01	1.9
E773617	K-10-0254	118.46	119.79	TQTZT	TQTZT	Non-Mineralized	N-AML	0.02	1.59	165	1800	2.92	99.7	410	0.9	0.28	0.12	16.2	5.7	62	17.6	2.94	7.71	0.99	16.9	4.8	0.13	4110	0.55	0.07	19.4
E773212	K-10-0256	84.22	85.11	TQTZT	TQTZT	Non-Mineralized	N-AML	0.02	1	126	1560	1.5	62	220	<0.5	<2	0.05	28.1	1	83	10	1.6	<10	0.55	10		0.06	1530	4	0.03	3
E773211	K-10-0256	83.2	84.22	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	1.3	227	2010	1.11	52	160	<0.5	<2	0.08	36.1	<1	58	12	2.19	<10	0.39	10		0.1	3310	2	0.03	4
E773222	K-10-0256	93.46	96.37	TQTZT	TQTZT	Non-Mineralized	N-AML	0.018	2.3	84	2580	2.02	134	468	0.9	<1	0.05	51.9	1.4	463	24.8	2.45	8	1.1	2	9	0.07	2680	5.9	0.09	5.6
E773239	K-10-0262	24.2	25.56	TQTZT	TQTZT	Non-Mineralized	N-AML	0.003	0.8	153	2360	2.51	21	782	1.1	<1	0.87	17.3	6.1	409	13.7	1.99	8	0.96	11	21	0.18	2120	5.1	0.18	20
E773238	K-10-0262	22.15	24.2	TQTZT	TQTZT	Non-Mineralized	N-AML	0.004	2.1	566	3480	1.64	54	380	0.7	<1	0.21	28.6	4.6	445	22.3	2.85	5	0.64	8	11	0.14	8050	6	0.1	15.4
E773242	K-10-0262	27.6	29.37	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	16	1280	0.58	1	54	<0.5	<1	0.11	14.5	3.1	428	4.1	0.57	<5	0.22	4	4	0.06	642	5.4	0.01	6.3
E773243	K-10-0262	29.37	31.09	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	14	3460	2.57	6	614	0.8	<1	1.87	25	6.4	407	10.9	2.01	8	0.7	11	14	0.21	1650	5	0.14	22.3
E773244	K-10-0262	31.09	33.62	TQTZT	TQTZT	Non-Mineralized	N-AML	0.006	<0.5	8	1920	1.59	6	290	0.5	<1	1.14	9.1	5.8	450	7.3	1.83	<5	0.39	10	13	0.2	1200	4.9	0.07	16.1
E773237	K-10-0262	19.51	22.15	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	3.6	682	4360	3.63	45	865	1.1	<1	1.79	46.7	11.6	441	40.4	4.5	11	1.08	15	22	0.67	10000	6.4	0.32	32.4
E773249	K-10-0262	39.46	40.78	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	14	1060	2.58	10	732	1.4	<1	0.89	4.7	9.5	403	12.3	2.62	10	1.03	11	17	0.29	827	4.2	0.1	30.5
E773248	K-10-0262	37.49	39.46	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	8	2470	0.86	7	240	<0.5	<1	0.81	7.2	5	374	4.9	2.13	<5	0.2	7	8	0.16	1560	5.4	0.02	14.5
E773247	K-10-0262	35.43	37.49	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	<0.5	10	367	1.79	6	377	0.7	<1	0.76	1.6	6.3	392	9.6	2.03	6	0.5	9	14	0.27	334	4.7	0.1	18.3
E773260	K-10-0262	55.42	56.7	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	2.7	346	2450	4.48	191	858	1.4	<1	0.06	152	1.9	335	55.6	3.36	12	1.83	10	7	0.1	3470	4.8	0.1	8.8
E773259	K-10-0262	53.44	55.42	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	3.2	379	3300	4.93	93	1060	1.7	1	0.09	100	4	438	55	3.62	15	2.2	10	7	0.16	6620	5.5	0.11	15.6
E773258	K-10-0262	51.66	53.44	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	1	143	2000	4.43	96	898	1.6	<1	0.07	59	3.1	418	23.3	3.27	13	1.92	14	6	0.11	1350	5.5	0.1	13.1
E773256	K-10-0262	49.78	51.66	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.002	1.1	131	2610	2.22	87	474	0.9	<1	0.18	79.1	3.5	396	31.7	2.9	8	1.02	10	8	0.12	2000	4	0.06	11.2
E775019	K-10-0265	65.23	66.06	TQTZT	TQTZT	Non-Mineralized	N-AML	0.02	15.1	1450	3280	4.87	559	540	1.2	2	0.05	48.4	1	100	87	5.72	10	1.54	30		0.13	3460	3	0.09	5
E773850	K-10-0314	86.74	88.27	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	2.46	491	1680	4.93	124.5	630	1.67	0.17	0.21	49.9	3	73	24.1	3.45	14.3	1.75	23.5	9.4	0.22	7870	2.21	0.11	11.9
E773853	K-10-0314	90.49	91.49	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	3.56	320	866	4.51	179.5	510	1.02	0.69	0.11	76.6	1.5	76	123	2.79	12.15	1.28	24.8	12.3	0.23	2110	0.5	0.09	9.8
E773852	K-10-0314	89.48	90.49	TQTZT	TQTZT	Non-Mineralized	N-AML	0.03	3.49	199.5	692	4.52	142	500	1.19	1.44	0.14	13.9	1.2	74	133.5	2.99	12.05	1.41	30.1	18	0.15	1140	0.72	0.11	7.4
E773855	K-10-0314	92.22	92.96	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	13.7	480	310	1.11	111.5	60	0.29	2.08	0.02	1.45	0.5	25	206	2.1	4.14	0.34	8.9	2.7	0.04	1740	1.49	<0.01	2.2
E773857	K-10-0314	93.62	94.27	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	1.19	162	219	1.45	55.1	220	0.5	0.16	0.03	0.46	0.7	30	23.7	1.07	3.89	0.49	14.5	4.3	0.04	109	0.42	0.01	4.1
E756920	K-10-0244	90.51	91.21	FLT	FLT			0.02	2.3	133	7860	2.87	237	400	0.9	2	0.1	60.6	2	62	27	3.51	<10	0.93	20		0.14	5640	<1	0.07	7
E773858	K-10-0314	94.27	94.57	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	1.36	59.1	186	1.33	61.7	180	0.39	0.32	0.03	1.34	0.8	29	19.1	1.02	3.58	0.39	9.6	19.6	0.06	95	0.3	0.01	4.1
E773859	K-10-0314	94.57	95.55	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.36	35.1	171	2.64	24.3	410	0.84	0.08	0.05	0.72	1.1	41	20.5	0.97	6.8	0.84	19.5	9.4	0.1	87	0.38	0.05	8.8
E773860	K-10-0314	95.55	96.39	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	1.79	133.5	378	3.82	32.8	510	1.01	1.13	0.08	1.5	2.8	50	31.1	1.92	9.65	1.07	21.9	19.1	0.2	184	1.13	0.1	12.6
E773915	K-10-0314	142.85	144.48	TQTZT	TQTZT	Non-Mineralized	P-AML	<0.01	0.6	23	138	5.18	23	660	1.4	<2	0.34	1.2	7	81	29	3.27	10	0.66	20		0.41	357	<1	0.26	33
E773916	K-10-0314	144.48	146.3	TQTZT	TQTZT	Non-Mineralized	P-AML	<0.01	<0.5	15	115	4.65	18	650	1.3	<2	0.21	1.2	6	74	18	2.63	10	0.56	20		0.29	246	<1	0.2	28
E773923	K-10-0314	153.44	154.53	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	51	1.28	14	160	<0.5	2	0.14	1.4	5	37	5	0.97	<10	0.24	10		0.14	146	1	0.04	10

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E773924	K-10-0314	154.53	155.63	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	15.8	19	102	1.71	19	200	<0.5	<2	0.09	1.4	3	51	58	1.36	<10	0.33	10		0.1	181	<1	0.04	16
E004126	K-11-0331	61.37	62.64	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	1.6	543	4410	2.57	32	410	0.7	<2	0.51	47.7	6	57	12	2.6	10	0.9	10		0.21	5420	2	0.09	17
E000073	K-11-0331	72.83	74.22	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	2.3	281	1410	2.49	41	320	0.8	<2	0.1	22.2	1	54	12	3.04	10	0.82	30		0.11	3690	<1	0.06	6
E000071	K-11-0331	71.88	72.83	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.8	107	2730	1.72	11	180	0.5	<2	0.14	54.3	4	43	48	2.28	10	0.56	20		0.1	5030	<1	0.04	7
E000080	K-11-0331	79.33	80.38	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	1.3	139	3470	3.84	29	350	1.3	<2	0.15	30.7	2	62	21	4.08	10	0.92	30		0.26	4340	<1	0.15	10
E773788	K-10-0306	58.77	60.77	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.44	23.1	3130	5.73	18.5	1610	1.55	0.03	1.38	30.5	11.3	84	108.5	3.4	14.6	1.81	26.8	33.2	0.9	673	0.7	0.1	38.4
E773791	K-10-0306	62.77	64.77	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	2.47	292	1920	1.18	16	170	0.34	0.04	2.74	12.85	3.6	39	14.2	2.2	3.5	0.24	12	12.9	0.18	4800	0.43	0.03	10.7
E773792	K-10-0306	64.77	66.77	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	3.05	389	2040	0.81	14.9	100	0.28	0.04	0.58	16.75	3.5	43	14.2	1.62	2.62	0.2	9.5	8.7	0.15	3680	0.32	<0.01	8.4
E773794	K-10-0306	66.77	67.51	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	0.48	32.6	2060	4.33	10.7	700	1.26	0.04	1.62	8.83	8.4	74	27.5	2.18	10.15	0.88	22.4	35.8	0.49	1040	1.28	0.34	30
E773790	K-10-0306	60.77	62.77	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.86	8	3010	1.31	13.4	240	0.39	0.02	1.83	18	4.1	42	23.8	1.29	3.46	0.32	13	11.2	0.2	911	0.39	0.02	12.9
E773799	K-10-0306	70.44	72.44	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.52	72.8	1680	2.01	15	260	0.67	0.07	0.12	22.9	3.1	51	8.9	1.21	5.67	0.58	13.7	9.8	0.15	1380	0.29	0.04	12.2
E773811	K-10-0306	85.34	86.48	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	2.98	284	3590	0.38	9.3	30	0.1	3.05	0.09	44.6	0.6	47	16.2	1.68	1.71	0.21	8.6	2	0.05	2310	0.23	0.01	2.8
E756946	K-10-0245	94.17	94.9	FLT	FLT			0.01	6.7	158	9300	3.2	78	310	0.8	3	0.09	150	1	83	169	3.87	10	0.98	30		0.16	6870	3	0.1	6
E773816	K-10-0306	90.26	91.92	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	1.83	45	1600	4.93	338	420	1.3	4.42	0.16	37.1	4.2	76	20.3	5.82	12.95	1.42	26.9	13.4	0.25	4000	0.57	0.11	19.3
E773815	K-10-0306	88.39	90.26	TQTZT	TQTZT	Non-Mineralized	N-AML	0.02	4.88	74.2	290	1.39	631	140	0.38	3.11	0.07	11.35	3.9	46	34.2	3.25	3.75	0.45	14.9	2.4	0.04	157	0.42	0.03	6.4
E773845	K-10-0306	114.43	116.4	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	2.46	608	3870	0.8	21.9	170	0.29	0.57	0.27	33.8	3.6	32	77.3	1.96	2.62	0.23	7.7	6.1	0.19	4300	0.62	0.01	10.3
E773849	K-10-0306	118.4	119.06	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.31	20	1660	3.33	9	430	1.02	0.11	0.89	3.3	7.2	54	12.5	2.12	8.76	0.91	20.4	17.7	0.36	926	0.55	0.1	22.9
E782233	K-10-0308	77.69	78.64	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.39	111	4380	0.61	7.5	80	0.26	0.04	0.09	6.35	3	35	4	1.4	2.03	0.22	6.5	2.9	0.05	3600	0.19	<0.01	7.8
E782257	K-10-0308	126.1	126.87	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	1.11	173	3470	1.27	8.3	100	0.34	0.37	0.14	25.9	1.5	37	20.5	3.22	4.02	0.3	13.5	3.6	0.22	7590	0.25	0.03	5.7
E774690	K-10-0309	124.97	126.33	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	2.2	315	4250	0.84	34.9	270	0.35	0.29	0.35	24.9	2.7	33	27.1	1.68	2.45	0.28	8.6	8.8	0.2	3270	0.53	0.02	7.7
E774687	K-10-0309	120.58	121.77	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.49	24	843	3.36	10.1	460	0.65	0.06	6.07	1.61	11.3	70	176	2.77	7.73	0.43	18.8	22.3	1.26	840	1.42	0.51	29.9
E774695	K-10-0309	130.55	131.77	TQTZT	TQTZT	Non-Mineralized	P-AML	<0.01	0.99	63.1	1560	6.78	9.4	680	2.25	0.25	0.26	10.75	15.9	88	57.7	3.89	17.95	2.37	35	40.8	1.16	1170	5.84	0.17	60.4
E774696	K-10-0309	131.77	132.59	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.83	83.1	1160	2.39	16.1	860	0.74	0.34	0.19	8.36	6.5	44	18.9	2.7	6.06	0.83	15.9	18.2	0.47	2140	1.34	0.05	20.7
E774697	K-10-0309	132.59	133.74	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	2.17	107.5	3560	4.19	14.5	1180	1.49	1.82	0.12	37.8	5.1	59	42.9	2.6	11.45	1.46	25.8	40.7	0.59	1130	1.42	0.1	26.6
E774704	K-10-0309	138.68	139.84	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	1.76	123	3320	0.31	15.4	60	0.13	1.47	0.09	36.8	1.3	38	27.3	1.69	1.7	0.12	8.6	1.3	0.06	3080	0.21	<0.01	4.4
E774706	K-10-0309	141.73	143.26	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.91	131.5	4100	0.97	10.5	130	0.27	0.24	0.47	25.7	3.2	43	18.3	1.33	3.01	0.34	10.2	5.1	0.11	2470	0.37	<0.01	9.6
E774767	K-10-0318	233.58	234.7	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	4	595	852	1.44	419	190	<0.5	2	0.82	11.1	2	35	11	3.6	<10	0.37	30		0.18	10550	<1	0.05	10
E774768	K-10-0318	234.7	235.75	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	1.1	119	284	1.36	7	230	<0.5	3	1.36	3.4	2	40	6	2.09	<10	0.35	20		0.16	3510	1	0.04	9
E774912	K-10-0322	154.62	155.45	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	265	1.47	16	200	0.5	<2	0.2	1.2	7	42	6	2.02	<10	0.28	20		0.14	1390	1	0.05	21
E774913	K-10-0322	155.45	156.62	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	12	323	4.75	37	700	1.2	4	0.24	1.2	13	69	10	3.22	10	0.91	30		0.34	1405	1	0.16	41
E774921	K-10-0322	164.59	166.33	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	14	93	4.48	16	860	1.1	4	1.69	0.8	9	70	12	2.1	10	0.92	30		0.31	334	<1	0.21	24
E774920	K-10-0322	162.51	164.59	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	8	94	1.13	6	210	<0.5	<2	1.04	0.8	4	38	4	0.85	<10	0.26	10		0.08	545	<1	0.03	10
E774926	K-10-0322	175.66	176.95	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	<0.5	14	84	2.35	24	490	0.6	2	5.49	0.9	4	49	11	1.58	10	0.49	20		0.22	277	1	0.11	23
E774925	K-10-0322	174.38	175.66	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	3	101	1.52	10	330	<0.5	2	5.97	1.3	3	31	5	1.19	<10	0.32	10		0.16	424	<1	0.04	12
E774924	K-10-0322	173.52	174.38	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	7	152	2.21	25	340	0.5	<2	10.4	2	5	36	9	1.88	<10	0.41	20		0.24	687	<1	0.08	19
E000101	K-11-0324	19.81	21.64	TQTZT	TQTZT	Non-Mineralized	N-AML	0.02	9.4	462	4230	2.64	32	310	0.6	3	0.13	107.5	<1	53	70	5.57	10	0.9	20		0.1	12650	<1	0.09	5
E000100	K-11-0324	19.01	19.81	TQTZT	TQTZT	Non-Mineralized	N-AML	0.02	3.1	254	3860	0.79	70	20	<0.5	2	0.07	74.7	1	44	53	2.52	<10	0.32	20		0.02	7120	<1	0.01	2
E000098	K-11-0324	17.41	18.29	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	3	144	4260	1.38	9	110	<0.5	<2	0.09	69.2	1	40	37	2.16	<10	0.45	10		0.05	3420	<1	0.03	9
E000108	K-11-0324	26.96	28.29	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	3.4	270	3380	2.27	59	200	0.7	2	0.13	51.5	2	47	59	3.65	<10	0.78	20		0.05	5040	<1	0.05	5
E000107	K-11-0324	25.87	26.96	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	3.5	268	4020	2.88	45	280	0.9	3	0.12	56	2	52	62	4.61	10	0.82	20		0.13	5840	<1	0.07	10
E000105	K-11-0324	24.08	25.87	TQTZT	TQTZT	Non-Mineralized	N-AML	0.02	17	2140	2520	1.4	34	100	<0.5	4	0.04	41	2	35	96	3.35	<10	0.44	20		0.05	6380	<1	0.04	6
E000110	K-11-0324	29.99	32.25	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	1.4	123	2160	3.29	22	780	1	2	0.08	25.3	2	62	15	2	10	1.16	30		0.05	3640	<1	0.09	4
E000111	K-11-0324	32.25	34.65	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	1.3	143	3500	1.18	64	170	<0.5	2	0.03	47.6	2	41	15	3.2	<10	0.43	20		0.02	6510	<1	0.02	3
E000117	K-11-0324	38.88	40.7	TQTZT	TQTZT	Non-Mineralized	N-AML	0.1	3.7	134	2600	1.99	95	130	0.5	2	0.05	45.8	2	57	62	4.78	<10	0.65	30		0.07	6630	<1	0.05	2
E000115	K-11-0324	37.74	38.88	TQTZT	TQTZT	Non-Mineralized	N-AML	0.24	33.8	824	2290	1.07	85	120	<0.5	3	0.03	32.3	2	40	118	4.46	<10	0.38	20		0.03	7020	<1	0.02	3
E000122	K-11-0324	44.25	45.63	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	6.2	412	1125	0.78	161	100	<0.5	2	0.03	19.4	1	31	69	2.38	<10	0.24	10		0.03	2060	<1	0.02	1
E000021	K-11-0325	58.46	60.53	TQTZT	TQTZT	Non-Mineralized	N-AML	0.04	8.5	516	2260	3.66	101	110	1.2	14	0.08	18.8	<1	72	98	6.34	10	0.54	40		0.28	8070	<1	0.2	4
E000041	K-11-0325	76.14	76.36	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	2.5	120	2830	0.89	162	290	<0.5	2	0.03	54.3	1	22	79	2.19	<10	0.35	10		0.07	2720	<1	0.02	4
E757051	K-10-0248	121.19	121.66	FLT	FLT			0.035	4.5	260	11010	3.32	37	384	1.3	2	0.22	116	10.4	402	129	6.82	11	1.21	11	8	0.46	16000	2.3	0.08	33.4
E004125	K-11-0326	113.86	115.91	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	31	3610	1.42	6	210	<0.5	<2	0.41	15.3	5	49	9	1.28	<10	0.43	10		0.18	1280	2	0.04	15
E004124	K-11-0326	111.82	113.86	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	13	3090	1.16	9	150	<0.5	<2	0.24	14.7	4	46	6	1.04	<10	0.42	10		0.12	996	1	0.03	10
E004007	K-11-0327	94.54	96.5	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.8	370	3250	4.23	28	650	1.2	2	1.29	49.1	6	62	11	3.19	10	1.4	20		0.48	5160	<1	0.12	23
E004006	K-11-0327	92.62	94.54	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	1.1	244	2360	2.24	16	310	0.7	<2	0.13	29.8	2	55	22	2.26	10	0.78	20		0.15	3990	<1	0.05	11
E000010	K-11-0328	36.7	37.3	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	0.9	57	3340	3.67	51	400	1.2	<2	0.09	34.4	3	66	27	3.56	10	1.05	30		0.1	3980	<1	0.09	8
E000096	K-11-0331	90.25	91.44	TQTZT	TQTZT	Non-Mineralized	N-AML	<0.01	<0.5	56	4030	1.77	37	140	0.5	<2	0.08	64.1	1	45	15	2.39	10	0.41	20		0.16	2820	<1	0.07	6
E000095	K-11-0331	89.15	90.25	TQTZT	TQTZT	Non-Mineralized	N-AML	0.08	<0.5	25	2180	1.08	42	70	<0.5	<2	0.07	47	<1	36	10	2.09	<10	0.26	20		0.1	3190	<1	0.05	2
E004044	K-11-0332	64.01	64.36	TQTZT	TQTZT	Non-Mineralized	N-AML	0.1	6.1	456	3150	2.21	1240	210	0.6	2	0.06	48.2	2	45	70	6.9	10	0.72	10		0.09	5030	<1	0.04	4
E000153	K-11-0339	108.62	110.5	TQTZT	TQTZT	Non-Mineralized	N-AML	0.01	8.3	2420	3240	0.97	69	140	<0.5	<2	0.1	28.8	2	47	12	1.91	<10	0.35	10		0.08	4640	<1	0.02	8
E756749	K-10-0237	46.39	46.54	TQTZT	TQTZT	Mineralized	P-AML	<0.01	<0.5	9	7670	2.56	9	370	0.6	<2	0.94	23.2	5	76	7	1.97	10	0.6	20		0.34	1470	2	0.08	13
E773277	K-10-0262	66.49	67.46	TQTZT	TQTZT	Mineralized	P-AML	0.42	74	2410	57100	4.06	1530	100	0.9	109	0.12	1000	24	62	390	16.2	10	1.15	10		0.6	15350	<1	0.02	35
E773278	K-10-0262	67.46	68.27	TQTZT	TQTZT	Mineralized	P-AML	0.13	19.6	1985	44300	0.77	334	100	<0.5	11	0.07	599	4	40	184	6.4	<10	0.27	10		0.1	13700	2	0.02	6
E773285	K-10-0262	75.51	77.2	TQTZT	TQTZT	Mineralized	P-AML	0.05	4	458	10700	1.79	602	240	0.6	3	0.19	144.5	11	61	36	4.19	<10	0.58	10		0.15	8120	2	0.05	16
E773286	K-10-0262	77.2	78.85	TQTZT	TQTZT	Mineralized	P-AML	<0.01	1	46	13650	2.24	27	330	0.6	<2	0.46	45.7	8	66	7	1.63	<10	0.58	10		0.21	3680	2	0.08	23
E773288	K-10-0262	78.85	80.61	TQTZT	TQTZT	Mineralized	P-AML	<0.01	0.6	20	7770	4.32	44	500	1.1	<2	0.36	26.7	9	95	15	2.79	10	0.93	20		0.37	2080	2	0.12	30
E773289	K-10-0262	80.61	82.09	TQTZT	TQTZT	Mineralized	P-AML	<0.01	0.6	21	15200	1.5	24	210	<0.5	<2	0.12	30.5	9	67	8	1.36	<10	0.43	10		0.15	3540	2	0.04	18
E773291	K-10-0262	83.8	84.93	TQTZT	TQTZT	Mineralized	P-AML	<0.01	<0.5	13	12200	1.73	36	310	0.5	<2	0.42	34.2	7	62	10	1.48	<10	0.44	10		0.18	3300	3	0.07	23
E773290	K-10-0262	82.09	83.8	TQTZT	TQTZT	Mineralized	P-AML	<0.01	0.5	11	5900	3.4	26	540	0.9	<2	0.39	17	7	77	9	1.99	10	0.77	20		0.26	1590	3	0.12	23
E773295	K-10-0263	48.16	48.75	TQTZT	TQTZT	Mineralized	P-AML	0.46	12.1	675	43200	2.05	88	70	0.8	2	0.1	530	3	42	143	10.3	<10	0.35	10		0.22	27500	1	0.1	7
E773294	K-10-0263	47.24	48.16	TQTZT	TQTZT	Mineralized	P-AML	0.1	2.3	199	12050	1.43	35	20	0.6	<2	0.1	168.5	1	65	87	6.32	<10	0.11	10		0.18	15500	3	0.1	4
E773293	K-10-0263	46.52	47.24	TQTZT	TQTZT	Mineralized	P-AML	0.02	16.5	839	9130	5.75	227	100	2.6	3	0.14	182.5	2	112	202	7.54	20	0.38	20		0.6	12150	2	0.44	12

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E773299	K-10-0263	49.54	50.13	TQTZT	TQTZT	Mineralized	P-AML	0.41	23.7	1300	24500	0.53	3630	30	<0.5	27	0.2	417	9	11	161	27.8	<10	0.14	10		0.47	65900	<1	0.03	5
E756900	K-10-0241	94.03	95.78	TQTZT	TQTZT	Mineralized	P-AML	0.01	1.5	321	11050	5.81	364	750	1.9	<2	0.08	175.5	2	101	33	4.53	10	1.53	40		0.3	2330	1	0.21	13
E756911	K-10-0244	83.79	84.3	TQTZT	TQTZT	Mineralized	P-AML	0.01	1.7	108	6450	1.71	132	240	0.6	4	0.08	42.7	1	52	23	4.18	<10	0.49	10		0.1	8100	1	0.05	5
E756912	K-10-0244	84.3	85.5	TQTZT	TQTZT	Mineralized	P-AML	0.01	1.7	93	6810	1.53	91	210	<0.5	4	0.11	51.6	2	58	30	4.1	<10	0.53	20		0.1	8600	1	0.04	5
E756914	K-10-0244	85.5	86.24	TQTZT	TQTZT	Mineralized	P-AML	0.36	12.7	203	50800	1.92	150	80	0.8	4	0.15	538	5	54	190	8.12	<10	0.2	20		0.27	18750	1	0.12	7
E756915	K-10-0244	86.24	86.87	TQTZT	TQTZT	Mineralized	P-AML	0.1	6.1	287	7550	1.08	313	130	<0.5	4	0.13	111.5	3	61	116	2.57	<10	0.31	30		0.08	2470	1	0.04	6
E756916	K-10-0244	86.87	88.09	TQTZT	TQTZT	Mineralized	P-AML	0.19	2.6	127	5900	2.35	130	390	0.7	3	0.07	67.3	2	65	67	2.92	<10	0.8	20		0.08	5050	<1	0.06	4
E756919	K-10-0244	89.3	90.51	TQTZT	TQTZT	Mineralized	P-AML	0.01	2.1	141	5540	1.66	172	150	0.5	2	0.07	79.4	2	52	37	3.99	<10	0.44	20		0.11	8780	<1	0.05	5
E756942	K-10-0245	88.7	91.04	TQTZT	TQTZT	Mineralized	P-AML	0.07	10.8	744	15500	3.45	573	200	1.4	15	0.13	303	7	61	91	10.65	<10	0.63	30		0.3	19750	<1	0.17	15
E756940	K-10-0245	86.28	86.87	TQTZT	TQTZT	Mineralized	P-AML	0.01	2.08	114	5430	3.31	123	490	0.8	0.8	0.1	39.6	3.5	97	32.8	2.8	8.34	1.1	19.8	6.8	0.1	3340	3.74	0.07	12.3
E756941	K-10-0245	86.87	88.7	TQTZT	TQTZT	Mineralized	P-AML	0.01	4.5	305	7130	2.49	108	300	0.6	4	0.15	84.7	4	72	59	3.83	<10	0.83	20		0.17	6380	1	0.07	11
E756943	K-10-0245	91.04	92.78	TQTZT	TQTZT	Mineralized	P-AML	0.1	5	166	8710	0.71	1915	10	<0.5	8	0.07	126	4	58	84	5.46	<10	0.09	20		0.1	10800	2	0.04	11
E756947	K-10-0245	94.9	96.32	TQTZT	TQTZT	Mineralized	P-AML	0.15	7.1	200	9800	0.98	7920	50	<0.5	12	0.08	130	30	63	101	10.1	<10	0.16	20		0.2	26500	2	0.06	9
E756957	K-10-0245	104.15	105.46	TQTZT	TQTZT	Mineralized	P-AML	0.02	4.8	723	8660	1.66	168	230	0.5	<2	0.09	111	2	67	85	2.93	<10	0.53	30		0.09	4310	3	0.06	8
E773036	K-10-0247	37.78	39.16	TQTZT	TQTZT	Mineralized	P-AML	<0.002	<0.5	14	8030	1.62	26	413	0.6	<1	2.52	19.4	11.8	603	28.3	1.97	<5	0.4	9	25	0.42	4160	4.7	0.05	27.9
E773068	K-10-0247	78.16	80.22	TQTZT	TQTZT	Mineralized	P-AML	<0.002	<0.5	10	5520	1.02	8	190	<0.5	<1	0.52	26	4.8	600	5.6	1.21	<5	0.36	7	3	0.12	2940	4.3	0.02	14.2
E773072	K-10-0247	82.17	83.76	TQTZT	TQTZT	Mineralized	P-AML	<0.002	<0.5	12	21800	1.62	18	437	<0.5	<1	1.43	128	10.2	410	8.1	1.86	<5	0.5	10	5	0.31	9590	3.1	0.04	26.9
E773070	K-10-0247	80.89	82.17	TQTZT	TQTZT	Mineralized	P-AML	<0.002	<0.5	7	5160	0.95	10	232	<0.5	<1	0.79	28.4	3.7	403	4.8	1.09	<5	0.28	6	5	0.16	2270	3.5	0.05	12.4
E773073	K-10-0247	83.76	85.47	TQTZT	TQTZT	Mineralized	P-AML	0.008	<0.5	36	7500	0.74	21	151	<0.5	<1	0.25	57.5	4.3	474	7.4	1.26	<5	0.22	5	5	0.12	3100	4.2	0.03	12.1
E773078	K-10-0247	90.59	92.17	TQTZT	TQTZT	Mineralized	P-AML	<0.002	0.5	34	10900	4.46	41	1150	1.3	<1	0.97	105	8.9	496	14.6	3.24	15	1.58	9	22	0.4	5150	3.9	0.25	31.8
E773079	K-10-0247	92.17	92.75	TQTZT	TQTZT	Mineralized	P-AML	0.004	0.8	180	6450	1.84	100	421	0.6	<1	0.09	56.3	2.4	540	7.9	3.17	6	0.94	5	5	0.2	10700	3.9	0.06	9.5
E773080	K-10-0247	92.75	93.75	TQTZT	TQTZT	Mineralized	P-AML	<0.002	1.4	494	8170	1.83	83	561	0.6	<1	0.31	99.5	2.5	471	6.8	3.07	5	0.89	6	6	0.31	11400	4	0.07	9
E773098	K-10-0247	108.25	109.3	TQTZT	TQTZT	Mineralized	P-AML	<0.01	0.8	14	6030	3.55	32	490	1	<2	1	29.6	8	77	14	1.75	10	1.09	30		0.27	1715	3	0.14	22
E773092	K-10-0247	101.29	102.2	TQTZT	TQTZT	Mineralized	P-AML	0.35	11.1	714	10450	1.4	88	20	0.5	18	0.07	674	3	63	67	2.57	<10	0.21	20		0.13	4700	2	0.08	3
E773097	K-10-0247	106.86	108.25	TQTZT	TQTZT	Mineralized	P-AML	<0.01	1.2	227	7840	2.17	47	260	0.6	<2	0.75	57.5	4	65	20	1.9	<10	0.67	20		0.33	2770	3	0.07	15
E757053	K-10-0248	123.47	125.6	TQTZT	TQTZT	Mineralized	P-AML	<0.002	1.6	508	14240	2.43	4	513	0.9	<1	1.08	84.9	8.1	547	23.6	2.8	8	1.06	7	13	0.59	6180	8	0.09	34.3
E773108	K-10-0249	113.63	114.95	TQTZT	TQTZT	Mineralized	P-AML	0.02	0.8	123	7280	1.07	57	130	<0.5	<2	1.14	43.8	3	65	5	3	<10	0.38	20		0.44	9970	3	0.04	6
E773107	K-10-0249	112.31	113.63	TQTZT	TQTZT	Mineralized	P-AML	0.02	<0.5	26	5570	0.66	27	80	<0.5	<2	2.08	15.6	3	57	7	1.25	<10	0.23	20		0.45	1555	3	0.03	7
E773106	K-10-0249	111.2	112.31	TQTZT	TQTZT	Mineralized	P-AML	0.01	0.9	50	7380	0.97	14	120	<0.5	2	1.5	20.3	4	64	7	1.51	<10	0.33	20		0.44	2180	3	0.04	9
E773113	K-10-0249	118.98	119.92	TQTZT	TQTZT	Mineralized	P-AML	0.01	1.5	330	6200	3.36	84	480	0.9	<2	0.28	45.3	6	79	7	3.31	10	1.13	30		0.21	7180	1	0.17	19
E773142	K-10-0250	114.54	115.84	TQTZT	TQTZT	Mineralized	P-AML	0.01	1	357	11200	0.71	25	140	<0.5	<2	0.28	70.8	3	65	10	2.22	<10	0.26	20		0.14	5550	3	0.02	6
E773152	K-10-0250	122.07	123.07	TQTZT	TQTZT	Mineralized	P-AML	0.01	0.6	104	11650	0.53	10	50	<0.5	<2	0.55	40.8	2	53	3	2.41	<10	0.2	10		0.25	5420	1	0.02	5
E773182	K-10-0250	141.29	142.07	TQTZT	TQTZT	Mineralized	P-AML	<0.01	3	371	7960	6.77	131	700	1.7	3	0.2	90	6	112	35	5.29	20	1.96	30		0.28	8620	1	0.24	32
E773181	K-10-0250	140.45	141.29	TQTZT	TQTZT	Mineralized	P-AML	0.03	11.9	285	10600	2.16	3040	110	0.5	2	0.16	127	6	80	487	5.48	10	0.53	20		0.18	11400	3	0.09	10
E773183	K-10-0250	142.07	143.1	TQTZT	TQTZT	Mineralized	P-AML	0.02	12.7	614	13000	5.53	139	560	1.2	4	0.19	126.5	5	93	152	4.43	20	1.61	30		0.21	6930	1	0.18	27
E773184	K-10-0250	143.1	143.55	TQTZT	TQTZT	Mineralized	P-AML	0.68	7.7	111	66300	1.61	275	10	0.5	3	0.23	820	6	40	268	15.85	<10	0.32	20		0.37	54700	<1	0.09	5
E773185	K-10-0250	143.55	144.04	TQTZT	TQTZT	Mineralized	P-AML	<0.01	2.6	292	15750	0.52	47	20	<0.5	<2	0.14	173.5	2	61	61	2.91	<10	0.19	10		0.06	7280	3	0.01	7
E773187	K-10-0250	144.04	144.35	TQTZT	TQTZT	Mineralized	P-AML	0.01	10.7	638	115000	5.44	59	180	1.3	10	0.25	1000	8	93	327	11.9	20	1.06	20		0.57	17950	1	0.27	32
E773192	K-10-0250	146.18	147.32	TQTZT	TQTZT	Mineralized	P-AML	<0.01	2.5	531	7390	1.26	11	70	<0.5	<2	0.24	85	1	70	15	5.72	<10	0.43	10		0.32	15750	3	0.04	9
E757071a	K-10-0251	69.21	70.47	TQTZT	TQTZT	Mineralized	P-AML	0.03	0.56	39	6640	5.56	14.4	3100	1.92	0.19	0.27	66.8	20.7	48	83.3	3.41	17.3	1.96	29.2	61.9	0.95	2430	0.66	0.08	54.7
E757070a	K-10-0251	68.61	69.21	TQTZT	TQTZT	Mineralized	P-AML	0.01	0.33	11.2	13600	2.43	15.3	1300	0.89	0.04	0.14	155.5	6.4	50	41.5	1.65	6.98	0.87	20.4	15.1	0.41	3820	1.26	0.03	18.8
E757153	K-10-0253	74.98	76.8	TQTZT	TQTZT	Mineralized	P-AML	<0.002	<0.5	11	5130	2.4	20	496	1.2	<1	0.25	24	6.6	534	7.7	1.56	7	0.71	8	38	0.19	2170	4.1	0.17	19.1
E757079a	K-10-0251	74.98	76.42	FLT	FLT			0.16	61.7	4390	6240	2.75	275	330	0.99	1.24	0.03	1000	1.1	44	350	4.36	7.85	0.78	24.3	16.2	0.1	3580	0.63	0.06	5.3
E757078a	K-10-0251	73.89	74.98	FLT	FLT			0.08	24	1125	9790	0.87	78.2	100	0.32	0.85	0.02	1000	1	25	174.5	2.57	3.23	0.26	15.5	9.6	0.05	4030	0.33	0.02	3
E757159	K-10-0253	83.64	85.5	TQTZT	TQTZT	Mineralized	P-AML	<0.002	<0.5	10	5680	2.4	43	608	1.2	<1	1.35	17.3	7.6	337	10.7	1.67	7	0.76	9	21	0.37	2580	2.8	0.09	21.6
E757160	K-10-0253	85.5	87.14	TQTZT	TQTZT	Mineralized	P-AML	<0.002	<0.5	15	10020	2.48	66	709	1.3	<1	0.18	45.7	10.5	337	11.4	1.72	8	0.99	6	40	0.21	4380	2.7	0.11	28
E757161	K-10-0253	87.14	88.2	TQTZT	TQTZT	Mineralized	P-AML	<0.01	<0.5	28	9560	1.21	100	90	<0.5	4	0.26	67.7	8	57	5	1.68	<10	0.24	30		0.21	4610	3	0.03	24
E757156	K-10-0253	77.85	79.81	TQTZT	TQTZT	Mineralized	P-AML	<0.002	<0.5	6	6210	0.71	44	139	<0.5	<1	0.38	28.7	6.6	548	6.3	1.06	<5	0.22	5	15	0.15	2460	3.4	0.02	16.4
E757191	K-10-0253	106.08	107.87	TQTZT	TQTZT	Mineralized	P-AML	<0.01	2.55	97.4	5300	0.7	53	50	0.13	1.52	0.08	39.3	1.2	61	54.5	2.42	2.89	0.25	7.2	1.9	0.09	7070	2.72	0.01	3.4
E757195	K-10-0253	110.73	112.44	TQTZT	TQTZT	Mineralized	P-AML	0.02	77	1640	30400	0.56	68.8	50	0.16	88.1	0.07	487	1.9	70	320	3.12	2.51	0.19	7.1	1.4	0.06	7790	2.88	0.02	3.8
E757190	K-10-0253	105.05	106.08	TQTZT	TQTZT	Mineralized	P-AML	0.14	14.05	424	7530	0.57	401	30	0.13	20.7	0.09	108.5	10.5	68	117	8	3.72	0.18	9.6	1.7	0.15	18900	3.28	0.02	5.4
E757189	K-10-0253	104.41	105.05	TQTZT	TQTZT	Mineralized	P-AML	0.01	7.18	261	23100	0.83	87.3	90	0.21	4.51	0.06	189	5.1	37	50.3	3.9	3.62	0.24	6.9	5.5	0.1	14400	1.45	0.03	8
E757092a	K-10-0252	97	97.23	FLT	FLT			0.49	21.4	1165	8480	2.32	10000	150	0.51	34.5	0.09	275	29	35	145	17.85	8.81	0.58	29.7	7	0.24	21600	1.21	0.08	27.9
E757194	K-10-0253	108.51	110.73	TQTZT	TQTZT	Mineralized	P-AML	<0.01	27	791	16150	1.6	74.2	160	0.39	51.3	0.1	238	2.9	75	88.8	4.37	5.86	0.56	12.6	5	0.13	12600	2.84	0.04	9
E773613	K-10-0254	112.92	114.29	TQTZT	TQTZT	Mineralized	P-AML	0.35	0.76	126	6410	1.62	112	270	0.45	0.24	0.13	19.95	2.5	51	8.6	3.3	4.64	0.55	13	2.8	0.13	5650	0.56	0.04	8.6
E757199	K-10-0254	121.21	122.1	TQTZT	TQTZT	Mineralized	P-AML	0.09	16	369	14600	3.59	280	270	1.11	12.6	0.15	98	6.6	69	150	6.59	11.4	0.74	25.4	4.9	0.25	11200	1.41	0.13	16.8
E757198	K-10-0254	120.6	121.21	TQTZT	TQTZT	Mineralized	P-AML	0.05	10	327	10450	2.07	504	140	0.94	4.95	0.13	88	6.7	60	124	5.8	6.38	0.42	16.2	4.4	0.18	8730	1.56	0.07	15.1
E757197	K-10-0254	119.79	120.6	TQTZT	TQTZT	Mineralized	P-AML	0.02	7.76	105	8180	0.99	279	90	0.26	1.35	0.08	39.9	4.8	41	73.4	3.82	3.41	0.31	10.2	3.9	0.07	5910	1.4	0.02	12.1
E757236	K-10-0254	133.74	134.1	TQTZT	TQTZT	Mineralized	P-AML	0.11	2.9	82	7140	0.88	3060	10	<0.5	8	0.07	60	11	91	38	4.71	<10	0.13	30		0.13	11600	3	0.05	12
E757237	K-10-0254	134.1	134.4	TQTZT	TQTZT	Mineralized	P-AML	0.27	5.1	116	21400	1.96	10000	10	0.6	8	0.11	180.5	41	56	63	8.85	<10	0.3	50		0.26	23700	2	0.12	25
E757238	K-10-0254	134.4	134.95	TQTZT	TQTZT	Mineralized	P-AML	0.03	3.1	211	8240	2.59	287	180	0.6	2	0.12	45.3	4	88	57	3.92	10	0.62	30		0.14	5000	4	0.12	18
E757239	K-10-0254	134.95	135.85	TQTZT	TQTZT	Mineralized	P-AML	0.01	5.3	253	16350	1.95	279	170	0.5	2	0.11	140.5	4	80	100	5.72	10	0.49	20		0.14	12150	4	0.08	7
E757240	K-10-0254	135.85	136.32	TQTZT	TQTZT	Mineralized	P-AML	0.01	4.8	281	20400	1.4	130	60	<0.5	<2	0.12	225	3	86	170	4.26	10	0.32	20		0.13	9950	4	0.07	5
E757241	K-10-0254	136.32	137.07	TQTZT	TQTZT	Mineralized	P-AML	0.049	1.9	172	7630	1.07	13	141	<0.5	1	0.14	99.7	4.5	390	152	5.71	<5	0.49	7	2	0.17	18200	6.2	0.03	16
E773200	K-10-0255	86.28	89.6	TQTZT	TQTZT	Mineralized	P-AML	0.03	10.7	578	30500	0.71	224	60	<0.5	<2	0.1	217	2	49	43	3.3	<10	0.23	10		0.08	7540	2	0.02	4
E773208	K-10-0255	97.72	99.64	TQTZT	TQTZT	Mineralized	P-AML	0.02	2.8	401	12850	4.54	212	530	1.4	<2	0.21	134.5	3	105	22	3.4	10	1.49	20		0.2	6120	4	0.23	8
E773207	K-10-0255	95.71	97.72	TQTZT	TQTZT	Mineralized	P-AML	0.01	1.4	158	12150	1.4	164	90	<0.5	2	0.09	229	1	75	37	2.94	10	0.42	10		0.15	6010	3	0.05	5
E773209	K-10-0256	82.23	83.2	TQTZT	TQTZT	Mineralized	P-AML	0.01	3.2	903	8000	1.87	69	350	0.5	<2	0.15	129	2	69	22	4.3	<10	0.64	10		0.21	13250	2	0.06	7
E773220	K-10-0256	91.27	92.56	TQTZT	TQTZT	Mineralized	P-AML	0.16	2.6	107	8090	1.26	878	90	<0.5	<2	0.04	269	1	50	33	6.65	<10	0.28	10		0.1	12100	2	0.05	2
E773221	K-10-0256	92.56	93.46	TQTZT	TQTZT	Mineralized	P-AML	0.008	<0.5	91	7600	1.26	125	194	<0.5	<1	0.12	75.2	0.9	565	28.1	6.45	<5	0.49	4	6	0.14	21800	6.6	0.03	7.2

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E757172	K-10-0253	95.6	96.74	FLT	FLT			0.02	10.6	396	8480	3.94	445	400	1.2	<2	0.11	92.8	2	77	160	8.62	<10	1.13	30		0.2	14500	<1	0.12	8
E757174	K-10-0253	96.74	98.3	FLT	FLT			0.06	14.4	544	13550	1.5	174	120	0.5	12	0.1	166	2	69	327	5.76	<10	0.35	20		0.13	14400	1	0.07	6
E773223	K-10-0256	96.37	97.25	TQTZT	TQTZT	Mineralized	P-AML	0.023	1.5	116	7170	0.55	63	76	<0.5	<1	0.03	42.1	1.4	402	39.9	2.21	<5	0.22	3	4	0.05	7630	4.4	0.01	4.4
E773224	K-10-0256	97.25	98.87	TQTZT	TQTZT	Mineralized	P-AML	0.021	1.1	106	9680	0.85	55	95	<0.5	<1	0.09	103	1.6	425	41	4.86	<5	0.27	4	5	0.14	17600	4.5	0.03	8.4
E773225	K-10-0256	98.87	102.44	TQTZT	TQTZT	Mineralized	P-AML	0.006	1.1	157	11200	1.63	154	35	0.7	<1	0.11	75.8	4.8	432	19.7	4.73	8	0.5	5	8	0.24	15200	4	0.07	9.7
E773241	K-10-0262	25.56	27.6	TQTZT	TQTZT	Mineralized	P-AML	0.002	<0.5	15	7610	0.88	6	278	<0.5	<1	0.15	73.1	5.1	487	21.5	1.29	<5	0.43	7	8	0.13	2700	4.3	0.06	14
E773265	K-10-0262	59.94	60.51	TQTZT	TQTZT	Mineralized	P-AML	0.04	33.3	3050	25100	2.61	247	10	1.1	13	0.13	668	2	68	217	8.54	10	0.2	10		0.36	18900	2	0.19	6
E773263	K-10-0262	58.3	59.2	TQTZT	TQTZT	Mineralized	P-AML	0.04	11.9	860	8300	2.17	1000	60	0.7	18	0.06	642	1	60	101	5.84	10	0.5	20		0.16	9210	2	0.1	3
E773264	K-10-0262	59.2	59.94	TQTZT	TQTZT	Mineralized	P-AML	0.05	29	728	16150	3.24	584	180	0.8	47	0.05	1000	2	82	133	7.6	10	0.92	30		0.16	6560	3	0.09	9
E773274	K-10-0262	65.39	65.92	TQTZT	TQTZT	Mineralized	P-AML	0.58	26.4	2800	31700	1.1	116	30	<0.5	20	0.1	340	3	43	154	8.92	<10	0.19	10		0.17	26100	1	0.05	5
E773273	K-10-0262	64.6	65.39	TQTZT	TQTZT	Mineralized	P-AML	0.34	64	5570	52900	1.2	1255	110	0.6	20	0.1	1000	5	28	480	10.4	<10	0.26	10		0.18	30600	<1	0.04	8
E773272	K-10-0262	63.28	64.6	TQTZT	TQTZT	Mineralized	P-AML	0.07	64.8	15750	13050	0.74	2010	20	<0.5	6	0.07	228	5	32	85	9.06	<10	0.06	10		0.15	27000	1	0.05	4
E775021	K-10-0265	66.93	67.67	TQTZT	TQTZT	Mineralized	P-AML	0.26	521	113000	153500	1.12	75	50	0.5	33	0.14	1000	9	15	892	11.4	<10	0.19	20		0.2	31300	2	0.04	3
E775020	K-10-0265	66.06	66.93	TQTZT	TQTZT	Mineralized	P-AML	0.15	72.2	1350	10850	6	218	500	2.2	4	0.11	159.5	1	86	269	7.47	10	1.55	40		0.28	14100	1	0.15	9
E775018	K-10-0265	64.21	65.23	TQTZT	TQTZT	Mineralized	P-AML	<0.01	23.9	2210	8350	4.11	359	120	1.9	4	0.1	191.5	1	75	159	6.93	10	0.47	40		0.4	10700	2	0.26	8
E775017	K-10-0265	63.91	64.21	TQTZT	TQTZT	Mineralized	P-AML	0.23	531	83300	5990	1.78	154	<10	1.1	16	0.07	149.5	<1	58	1050	6.28	<10	0.04	20		0.27	14400	2	0.15	2
E775016	K-10-0265	63.45	63.91	TQTZT	TQTZT	Mineralized	P-AML	0.34	116	8710	11550	1.62	179	<10	0.9	61	0.13	217	<1	62	713	11.85	<10	0.01	20		0.35	28700	3	0.14	4
E775022	K-10-0265	67.67	68.98	TQTZT	TQTZT	Mineralized	P-AML	0.16	57.2	2290	86100	2.19	419	150	0.7	3	0.07	947	6	55	537	6.2	<10	0.44	30		0.16	15050	2	0.09	5
E773851	K-10-0314	88.27	89.48	TQTZT	TQTZT	Mineralized	P-AML	0.19	65.7	7570	2590	3.29	741	170	1.23	14.7	0.09	51	2.3	55	760	8.59	10.55	0.52	24.5	12.4	0.21	5090	1.27	0.14	10.6
E773856	K-10-0314	92.96	93.62	TQTZT	TQTZT	Mineralized	P-AML	0.16	180	5200	1340	3.62	353	250	1.08	20.6	0.06	7.6	1.3	58	1110	5.74	10.5	1.02	22.3	6.5	0.16	5720	0.97	0.07	6.9
E000082	K-11-0331	81.34	82.3	TQTZT	TQTZT	Mineralized	P-AML	0.54	10.2	180	54500	1.16	15	70	<0.5	2	0.07	710	7	24	218	4.41	<10	0.33	20		0.09	10350	<1	0.02	9
E000081	K-11-0331	80.38	81.34	TQTZT	TQTZT	Mineralized	P-AML	0.01	4.1	283	13450	4.01	67	460	1	<2	0.18	187.5	4	69	74	6.03	10	1.13	30		0.33	9050	<1	0.08	10
E773800	K-10-0306	72.44	74.3	TQTZT	TQTZT	Mineralized	P-AML	<0.01	1.38	171.5	6860	1.76	34	280	0.53	0.09	0.39	87.6	4.7	50	11.7	2.08	4.89	0.51	12.8	10	0.16	5550	0.41	0.04	13.9
E773801	K-10-0306	74.3	75.9	TQTZT	TQTZT	Mineralized	P-AML	<0.01	0.72	19.6	5660	5.77	32.1	900	1.71	0.2	0.63	29	10	100	22.1	3.02	14.25	1.51	38.2	28.9	0.31	1980	1.69	0.25	35.5
E773802	K-10-0306	75.9	76.9	TQTZT	TQTZT	Mineralized	P-AML	<0.01	0.35	16.7	6690	1.48	20.3	110	0.32	0.2	0.12	38.2	4.7	44	17	2.71	4.01	0.23	14.8	19.3	0.23	1630	0.59	0.03	17.1
E773826	K-10-0306	98.21	98.97	TQTZT	TQTZT	Mineralized	P-AML	<0.01	9.46	473	23700	2.52	213	600	0.63	3.39	0.08	190	4	46	115	4.13	8.26	0.86	14.4	34.8	0.16	7550	1.98	0.03	8.8
E773847	K-10-0306	116.4	118.4	TQTZT	TQTZT	Mineralized	P-AML	<0.01	1.43	218	5910	4.25	22.7	570	1.44	0.34	0.25	30.3	7.2	63	33.1	2.52	11.8	1.35	22.8	20.6	0.22	4010	0.87	0.16	23.7
E782258	K-10-0308	126.87	127.94	TQTZT	TQTZT	Mineralized	P-AML	0.01	1.98	203	12050	1.98	14.2	100	0.59	0.92	0.17	100	2	44	56.8	4.69	6.07	0.34	16.4	9.1	0.32	11450	0.32	0.09	10.2
E782256	K-10-0308	124.56	126.1	TQTZT	TQTZT	Mineralized	P-AML	0.01	4.27	506	12150	3.35	39.2	230	0.88	2.38	0.19	123	3.4	60	153.5	5.23	9.43	0.76	22.4	40	0.28	10050	0.71	0.11	21.5
E774689	K-10-0309	123.57	124.97	TQTZT	TQTZT	Mineralized	P-AML	<0.01	1.62	395	7990	1.89	82.5	620	0.74	0.11	0.83	53.6	6.4	51	41.3	2.25	4.98	0.64	16.6	15	0.42	5440	4.05	0.05	17.6
E774688	K-10-0309	121.77	123.57	TQTZT	TQTZT	Mineralized	P-AML	<0.01	0.6	17.5	7130	2.09	10.6	610	0.6	0.02	3.91	38.6	8.3	57	40.1	1.33	5.12	0.49	16.3	17.8	0.53	2840	1.93	0.14	24.8
E774691	K-10-0309	126.33	127.62	TQTZT	TQTZT	Mineralized	P-AML	<0.01	2.43	267	8900	1.59	46.9	550	0.49	1.97	0.11	101	2.9	37	48.6	2.77	4.63	0.58	11	12.6	0.26	3890	0.42	0.04	8.5
E774703	K-10-0309	137.19	138.68	TQTZT	TQTZT	Mineralized	P-AML	<0.01	0.94	108.5	18550	2.5	15.3	460	0.88	0.39	0.45	39.6	12.1	62	18.6	2.38	6.93	0.68	18.8	18.9	0.34	6140	1.52	0.17	32
E774705	K-10-0309	139.84	141.73	TQTZT	TQTZT	Mineralized	P-AML	<0.01	1.55	77.4	9510	0.88	9.5	150	0.31	0.67	0.16	30.8	5.6	44	15.5	1.6	2.93	0.3	10.9	5.5	0.11	3940	0.33	<0.01	13.7
E000099	K-11-0324	18.29	19.01	TQTZT	TQTZT	Mineralized	P-AML	0.81	70	19950	7140	2.06	73	30	0.6	<2	0.13	139.5	2	48	154	8.06	<10	0.57	30		0.09	20300	<1	0.07	3
E000042	K-11-0325	76.36	76.51	TQTZT	TQTZT	Mineralized	P-AML	0.12	26.3	497	330900	0.88	994	30	<0.5	14	0.04	1000	10	11	1075	11.2	10	0.14	10		0.17	9720	<1	0.01	1
E000043	K-11-0325	76.51	78	TQTZT	TQTZT	Mineralized	P-AML	0.04	4.4	248	11450	1.89	522	400	0.5	6	0.04	118.5	3	39	65	3.01	10	0.65	20		0.13	4090	<1	0.05	4
E004002	K-11-0327	90.53	91.44	TQTZT	TQTZT	Mineralized	P-AML	<0.01	2.8	98	5070	4.23	21	610	1	6	0.14	73.3	5	81	61	3.69	10	1.37	30		0.13	1530	<1	0.1	16
E004073	K-11-0329	69.22	70.6	TQTZT	TQTZT	Mineralized	P-AML	<0.01	2.1	593	6930	2.92	83	400	0.8	<2	0.13	145.5	2	60	90	3.7	10	1.13	20		0.15	7550	1	0.07	9
E004082	K-11-0329	73.93	74.95	TQTZT	TQTZT	Mineralized	P-AML	0.02	3.9	716	8860	2.68	447	190	1.1	4	0.12	175	4	63	59	6.37	10	0.93	10		0.26	12650	1	0.04	9
E004086	K-11-0329	78.35	79.33	TQTZT	TQTZT	Mineralized	P-AML	<0.01	2.5	312	12200	2.28	141	340	0.5	3	0.19	391	2	58	53	6.36	10	0.54	10		0.54	10650	1	0.06	13
E004089	K-11-0329	80.62	82.2	TQTZT	TQTZT	Mineralized	P-AML	<0.01	2	289	5620	2.56	147	670	0.6	<2	0.1	111.5	5	48	58	3.43	10	0.71	10		0.53	3060	1	0.09	12
E000092	K-11-0331	86.59	87.56	TQTZT	TQTZT	Mineralized	P-AML	0.36	5.6	113	14400	1.29	21	10	0.7	<2	0.09	98.7	1	46	16	1.41	10	0.03	10		0.15	1940	<1	0.11	2
E000093	K-11-0331	87.56	89.15	TQTZT	TQTZT	Mineralized	P-AML	<0.01	3.2	285	7820	1.49	30	20	0.7	<2	0.1	63.6	1	51	25	2.21	10	0.19	20		0.15	3800	<1	0.1	3
E004043	K-11-0332	61.84	64.01	TQTZT	TQTZT	Mineralized	P-AML	0.63	25.7	1140	46400	1.36	839	80	0.6	15	0.07	966	6	50	391	10.2	10	0.27	10		0.17	22900	<1	0.06	5
E004055	K-11-0332	71.62	72.8	TQTZT	TQTZT	Mineralized	P-AML	0.71	12.8	557	65600	2.61	5400	200	0.6	12	0.12	1000	18	29	291	13.9	10	0.87	10		0.31	37100	1	0.06	27
E004060	K-11-0332	74.52	75.42	TQTZT	TQTZT	Mineralized	P-AML	0.07	7.7	529	18350	1	1070	80	<0.5	11	0.09	371	3	38	119	4.57	<10	0.3	10		0.12	11450	1	0.04	6
E004061	K-11-0332	75.42	77.11	TQTZT	TQTZT	Mineralized	P-AML	0.02	3.3	794	6920	0.9	185	130	<0.5	<2	0.14	116.5	1	39	26	3.48	<10	0.33	10		0.13	8950	1	0.03	5
E000053	K-11-0334	59.41	60.96	TQTZT	TQTZT	Mineralized	P-AML	0.6	17.9	1590	25300	1.7	367	20	0.8	4	0.05	318	3	29	702	9.84	10	0.06	10		0.18	15850	<1	0.11	2
E000054	K-11-0334	60.96	64.01	TQTZT	TQTZT	Mineralized	P-AML	0.24	15.9	283	14300	2.32	350	170	0.7	4	0.08	238	3	47	454	8.15	10	0.63	20		0.17	17550	<1	0.08	4
E000055	K-11-0334	64.01	65.39	TQTZT	TQTZT	Mineralized	P-AML	0.06	10.5	245	5560	1.23	97	110	<0.5	2	0.03	310	1	39	234	2.98	<10	0.33	10		0.07	5900	<1	0.04	1
E000124	K-11-0339	81.45	81.91	TQTZT	TQTZT	Mineralized	P-AML	0.01	9	2760	6380	3.91	44	160	0.8	3	0.24	76	13	100	19	7.96	10	1.23	10		1	16850	<1	0.02	28
E000141	K-11-0339	100.58	101.94	TQTZT	TQTZT	Mineralized	P-AML	0.18	15.6	487	15950	2.34	6520	100	0.6	13	0.2	167	37	55	203	13.05	10	0.77	20		0.33	30000	<1	0.05	38
E000149	K-11-0339	105.43	106.35	TQTZT	TQTZT	Mineralized	P-AML	0.09	3.3	152	24200	1.31	1700	10	0.6	4	0.08	121.5	16	15	51	7.83	10	0.02	10		0.21	21600	<1	0.09	16
E000147	K-11-0339	104.92	105.43	TQTZT	TQTZT	Mineralized	P-AML	0.17	3.1	300	9450	1.09	9600	10	0.5	6	0.05	77.5	44	14	29	7.95	10	0.03	20		0.19	20200	<1	0.07	34
E000145	K-11-0339	102.47	102.94	TQTZT	TQTZT	Mineralized	P-AML	0.09	24.5	593	46700	4.71	437	240	1.2	7	0.14	508	12	60	355	9.33	20	1.61	20		0.35	20900	1	0.09	35
E000146	K-11-0339	102.94	104.92	TQTZT	TQTZT	Mineralized	P-AML	0.17	20.4	384	18850	1.95	1690	350	0.5	11	0.1	155	14	30	185	9.09	10	0.63	10		0.22	22300	1	0.04	25
E000151	K-11-0339	106.68	108.2	TQTZT	TQTZT	Mineralized	P-AML	0.11	27.6	1400	35800	1.41	227	140	0.5	36	0.07	334	11	26	153	4.63	10	0.35	10		0.15	11100	<1	0.03	21
E000156	K-11-0339	111.78	113.36	TQTZT	TQTZT	Mineralized	P-AML	0.01	46.4	688	5170	2.65	123	370	0.6	<2	0.34	41.9	6	55	55	4.32	10	0.89	20		0.22	12050	<1	0.05	20
E000155	K-11-0339	110.5	111.78	TQTZT	TQTZT	Mineralized	P-AML	0.06	4.9	745	7410	2.2	121	330	0.6	<2	0.67	50.3	6	56	27	2.92	10	0.8	10		0.25	7490	<1	0.05	20
E601771	K-07-0118	75.42	76.11	VN	VN	Mineralized	P-AML	0.06	4.6	581	16400	7.93	398	260	1.2	3	4.52	222	34	170	175	11.2	20	0.87	<10		2.75	7410	<1	0.26	98
E776910	K-07-0121	143.56	144.6	VN	VN	Mineralized	P-AML	2.02	121	2180	189000	0.29	9900	<10	<0.5	122	0.11	1000	41	<1	2700	22.8	<10	0.01	<10		0.22	56900	<1	0.02	<1
E599886	K-07-0072	179.98	180.45	VN	VN	Mineralized	P-AML	0.06	59.4	867	405000	0.12	398	<10	<0.5	9	0.08	1000	29	<1	1840	13.7	<10	0.02	<10		0.16	28000	<1	0.02	9
E751598	K-07-0069	162.2	162.7	VN	VN	Mineralized	P-AML	0.45	92	1600	367000	0.12	173	<10	<0.5	27	0.52	1000	26	<1	1980	14.75	<10	0.04	<10		0.24	23200	1	0.01	20
E599888	K-07-0072	181.6	182.7	VN	VN	Mineralized	P-AML	0.91	30	469	73100	2.11	7510	20	0.7	42	0.19	1000	17	36	497	12.35	10	0.28	10		0.33	17100	<1	0.11	21
E751601	K-07-0069	163.7	164.2	VN	VN	Mineralized	P-AML	2.19	73.1	2110	166000	0.46	6110	<10	<0.5	35	0.13	1000	35	8	1410	19.25	<10	0.13	<10		0.18	31600	<1	0.02	51
E601824	K-07-0118	151.18	151.33	VN	VN	Mineralized	P-AML	0.41	138	1235	89000	1.54	93	70	0.8	17	0.09	1000	10	36	726	11.85	<10	0.19	10		0.23	28900	<1	0.07	12
E600032	K-07-0074	162.55	163.18	VN	VN	Mineralized	P-AML	0.45	234	3050	353000	0.02	25	<10	<0.5	13	0.76	1000	20	<1	2240	14.85	<10	<0.01	<10		0.3	39100	<1	0.01	5
E751607	K-07-0069	166.2	166.7	VN	VN	Mineralized	P-AML	0.16	129	6120	273000	<0.01	<5	<10	<0.5	4	0.39	1000	21	<1	1510	20.6	<10	<0.01	<10		0.32	54500	<1	0.01	2
E600030	K-07-0074	161.92	162.55	VN	VN	Mineralized	P-AML	0.22	99	7810	184000	0.38	8660	<10	<0.5	81	0.27	1000	45	<1	2120	23.1	<10	0.01	<10		0.41	69200	<1	0.04	6

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E599889	K-07-0072	182.7	183.95	VN	VN	Mineralized	P-AML	0.61	17.9	209	61900	0.91	7810	30	<0.5	19	0.18	820	17	17	277	15	<10	0.18	20		0.34	45900	<1	0.04	16
E600026	K-07-0074	158.85	159.15	VN	VN	Mineralized	P-AML	0.97	20.1	474	48200	0.16	149	<10	<0.5	10	0.25	487	<1	<1	243	31.8	<10	0.01	<10		0.45	95500	3	0.02	<1
E776915	K-07-0121	146.97	147.32	VN	VN	Mineralized	P-AML	0.27	14.6	254	30000	2.04	539	150	0.7	9	0.13	432	6	38	448	6.89	<10	0.39	20		0.2	12600	<1	0.09	11
E774760	K-10-0318	176.04	177.75	SM	VN	Non-Mineralized	N-AML	<0.01	2.1	176	164	1.57	18	280	<0.5	3	0.11	1.6	3	55	9	2.54	<10	0.55	10		0.1	5840	1	0.04	10
E756758	K-10-0239	14.33	15.13	VM	VN	Non-Mineralized	N-AML	<0.01	15.2	605	1425	1.38	443	70	<0.5	<2	0.02	52.6	<1	34	229	4.43	<10	0.37	10		0.05	108	<1	0.04	<1
E756759	K-10-0239	15.13	16.3	VM	VN	Non-Mineralized	N-AML	0.02	11.8	1195	1845	5.17	501	580	1.3	6	0.03	44.6	<1	75	161	5.91	20	1.44	30		0.12	143	<1	0.15	3
E756735	K-10-0237	28.5	29.57	VM	VN	Non-Mineralized	N-AML	0.03	9.9	608	1960	0.57	78	40	<0.5	<2	0.02	40.5	<1	41	190	3.44	<10	0.18	10		0.05	5530	1	0.02	4
E773261	K-10-0262	56.7	58.3	FLT	FLT			0.11	13.1	1435	22500	6.09	613	440	2	5	0.09	1000	7	86	178	7.09	20	1.3	40		0.35	12300	1	0.28	10
E756888	K-10-0241	87.58	88.08	VM	VN	Non-Mineralized	N-AML	0.01	1.3	159	4190	1.72	76	190	0.8	3	0.21	50.4	1	45	9	6.25	<10	0.58	10		0.17	12550	1	0.04	5
E756890	K-10-0241	89	89.92	VM	VN	Non-Mineralized	N-AML	0.1	8	295	3660	5.43	338	580	1.7	<2	0.08	72.7	<1	71	185	5.61	10	1.59	30		0.14	3520	<1	0.11	8
E756895	K-10-0241	90.99	92.15	VM	VN	Non-Mineralized	N-AML	0.08	3	345	1760	0.66	257	20	<0.5	<2	0.02	37.9	1	39	10	1.39	<10	0.03	<10		0.06	419	1	0.05	1
E774765	K-10-0318	232.6	233.58	VM	VN	Non-Mineralized	N-AML	<0.01	8.6	31	71	0.42	294	10	<0.5	8	0.43	0.7	<1	<1	11	29.3	<10	0.07	50		0.7	84400	<1	0.02	<1
E756770	K-10-0239	22.65	23.47	VM	VN	Mineralized	P-AML	0.2	70.9	775	13500	2.96	158	40	0.5	13	0.09	380	1	47	571	11.25	10	1.03	<10		0.22	24900	<1	0.02	5
E756767	K-10-0239	21.42	21.73	VM	VN	Mineralized	P-AML	0.08	30.5	3470	29600	0.02	6	10	<0.5	8	0.17	555	<1	<1	490	34.2	<10	<0.01	<10		0.46	94900	<1	0.01	<1
E756775	K-10-0239	25.37	26.2	VM	VN	Mineralized	P-AML	1.38	11.9	356	24500	0.49	125	20	<0.5	5	0.07	374	1	10	184	20.1	<10	0.03	<10		0.27	54700	<1	0.03	1
E756774	K-10-0239	24.79	25.37	VM	VN	Mineralized	P-AML	1.03	270	41300	64700	0.39	749	10	<0.5	77	0.14	1000	4	<1	787	23	<10	<0.01	<10		0.39	69800	<1	0.04	2
E756773	K-10-0239	23.91	24.79	VM	VN	Mineralized	P-AML	0.12	14.1	1750	10400	0.76	274	20	<0.5	6	0.12	273	<1	26	175	13.85	<10	0.17	10		0.28	44600	1	0.03	<1
E756771	K-10-0239	23.47	23.91	VM	VN	Mineralized	P-AML	0.34	121	722	11500	1.17	113	30	<0.5	30	0.11	642	<1	13	508	19.35	<10	0.27	10		0.39	58300	<1	0.04	<1
E756768	K-10-0239	21.73	22.65	VM	VN	Mineralized	P-AML	0.44	32.7	2310	46600	2.9	31	50	0.5	13	0.08	661	2	58	461	12.05	10	0.99	10		0.25	30500	<1	0.02	<1
E756766	K-10-0239	21.12	21.42	VM	VN	Mineralized	P-AML	0.03	158	3850	41400	0.02	7	10	<0.5	119	0.11	495	<1	<1	6440	34.1	<10	<0.01	<10		0.38	82800	<1	0.01	<1
E756757	K-10-0239	11.83	14.33	VM	VN	Mineralized	P-AML	0.52	205	3720	16800	3.39	682	180	1.1	242	0.06	121.5	<1	36	2540	30.3	10	0.64	20		0.23	13400	<1	0.17	<1
E756760	K-10-0239	16.3	17.37	VM	VN	Mineralized	P-AML	3.1	233	6980	10150	2.17	1250	40	1.1	383	0.02	45.9	<1	16	3350	29.7	10	0.09	20		0.16	1940	<1	0.15	<1
E756761	K-10-0239	17.37	18.9	VM	VN	Mineralized	P-AML	0.21	152	3830	26900	4.15	629	180	1.4	259	0.04	277	<1	62	1410	18.5	10	0.54	30		0.26	1865	1	0.26	1
E756762	K-10-0239	18.9	19.77	VM	VN	Mineralized	P-AML	0.2	57.6	3410	10650	4.07	928	260	2	31	0.05	95.6	<1	50	2330	16.25	10	0.64	30		0.2	9470	<1	0.16	2
E756763	K-10-0239	19.77	20.15	VM	VN	Mineralized	P-AML	0.03	71.7	444	38700	1.63	201	10	1.5	42	0.09	760	<1	9	2180	28.1	<10	0.01	<10		0.35	63300	<1	0.14	4
E756764	K-10-0239	20.15	20.9	VM	VN	Mineralized	P-AML	0.16	30.2	1130	14400	5.16	439	300	1.9	13	0.06	954	<1	67	1055	11.65	10	0.77	20		0.34	14150	<1	0.25	7
E756765	K-10-0239	20.9	21.12	VM	VN	Mineralized	P-AML	0.56	342	10450	282000	0.25	94	10	<0.5	231	0.04	1000	17	<1	18850	19.15	<10	<0.01	<10		0.15	26300	<1	0.03	2
E756806	K-10-0240	23.47	24.99	VM	VN	Mineralized	P-AML	0.9	92.5	3350	31900	1.56	83	10	0.6	72	0.17	642	<1	16	3340	25.6	<10	0.11	10		0.51	79400	<1	0.12	<1
E756805	K-10-0240	22	23.47	VM	VN	Mineralized	P-AML	0.03	3.9	414	5410	6.07	451	650	2.3	<2	0.05	77.5	1	89	488	8.47	20	1.96	30		0.2	4120	1	0.1	11
E756807	K-10-0240	24.99	25.86	VM	VN	Mineralized	P-AML	0.74	644	29000	254000	1.28	32	10	0.7	334	0.09	1000	8	18	22600	15	<10	0.04	10		0.3	24300	<1	0.12	4
E756808	K-10-0240	25.86	26.52	VM	VN	Mineralized	P-AML	0.82	274	2660	162500	0.15	11	10	<0.5	72	0.14	1000	2	6	9590	23.5	<10	0.01	<10		0.46	64700	<1	0.03	1
E756809	K-10-0240	26.52	28.04	VM	VN	Mineralized	P-AML	0.96	104	1595	256000	0.01	14	<10	<0.5	25	0.11	1000	8	5	3820	21.6	<10	<0.01	<10		0.31	54500	<1	0.02	<1
E756810	K-10-0240	28.04	28.51	VM	VN	Mineralized	P-AML	0.28	828	112500	108500	0.01	22	<10	<0.5	33	0.16	1000	3	5	1480	24.7	<10	<0.01	<10		0.46	64100	<1	0.02	2
E756811	K-10-0240	28.51	29.57	VM	VN	Mineralized	P-AML	0.61	36.5	1735	101000	2.23	931	150	0.5	13	0.08	1000	3	29	584	21.2	<10	0.58	20		0.33	44600	<1	0.09	2
E756812	K-10-0240	29.57	30.23	VM	VN	Mineralized	P-AML	0.77	46.4	904	168500	0.25	403	<10	<0.5	22	0.09	1000	8	7	2110	24.9	<10	<0.01	10		0.31	55900	<1	0.04	2
E756814	K-10-0240	31.59	32.09	VM	VN	Mineralized	P-AML	0.55	13.8	553	97900	1.07	518	<10	0.6	9	0.07	1000	9	20	759	20.5	<10	0.01	10		0.35	43100	<1	0.1	17
E756813	K-10-0240	30.23	31.59	VM	VN	Mineralized	P-AML	0.26	31.9	1520	53900	2.49	5630	10	1.2	12	0.07	1000	5	36	1655	14.15	<10	0.11	10		0.41	20400	<1	0.22	23
E756820	K-10-0240	35.66	36.37	VM	VN	Mineralized	P-AML	0.5	110	12550	109000	0.04	25	<10	<0.5	40	0.17	1000	3	6	2210	26.9	<10	<0.01	<10		0.41	76900	<1	0.02	2
E756822	K-10-0240	37.19	37.71	VM	VN	Mineralized	P-AML	0.218	137	642	11540	1.2	295	17	<0.5	18	0.17	228	<0.5	170	17410	18	6	0.2	7	4	0.48	45500	1.6	0.07	2.8
E756821	K-10-0240	36.37	37.19	VM	VN	Mineralized	P-AML	1.91	0.8	107	6630	1.8	13	50	0.6	<1	0.22	95	<0.5	334	32.8	19.8	8	0.3	10	10	0.64	45200	1.1	0.1	3.9
E756819	K-10-0240	34.88	35.66	VM	VN	Mineralized	P-AML	0.06	4.4	118	8380	0.85	119	10	<0.5	3	0.14	77.3	<1	25	137	20.2	<10	0.07	10		0.45	59900	<1	0.07	2
E756734	K-10-0237	28.25	28.5	VM	VN	Mineralized	P-AML	0.09	444	50500	5360	0.49	42	40	<0.5	12	0.09	408	<1	25	862	12.35	<10	0.14	10		0.22	30100	<1	0.01	<1
E773276	K-10-0262	65.92	66.49	VM	VN	Mineralized	P-AML	0.55	1400	279400	127500	0.26	87	10	<0.5	27	0.09	1000	8	4	1105	14.2	<10	0.08	<10		0.19	42200	<1	0.01	4
E773298	K-10-0263	49.14	49.54	VM	VN	Mineralized	P-AML	1.84	298	16050	347500	0.22	115	10	<0.5	28	0.04	1000	22	2	1410	11.35	10	0.04	10		0.11	22300	<1	0.02	1
E773297	K-10-0263	48.75	49.14	VM	VN	Mineralized	P-AML	0.62	1070	123000	336600	0.38	54	10	<0.5	49	0.03	1000	21	7	2490	7.84	10	0.05	<10		0.07	12950	<1	0.03	4
E756892	K-10-0241	90.06	90.63	VM	VN	Mineralized	P-AML	0.43	407	16500	249000	0.56	76	40	<0.5	49	0.05	1000	18	8	1215	9.42	<10	0.07	<10		0.12	20200	<1	0.03	3
E756889	K-10-0241	88.08	89	VM	VN	Mineralized	P-AML	0.01	1.7	290	8770	1.28	97	150	0.6	<2	0.21	42.8	1	37	23	10.35	<10	0.41	10		0.25	26900	1	0.03	5
E756891	K-10-0241	89.92	90.06	VM	VN	Mineralized	P-AML	0.04	34.7	319	5690	0.8	43	20	<0.5	22	0.07	43.9	1	58	159	3.77	<10	0.11	10		0.09	8410	1	0.04	1
E756893	K-10-0241	90.63	90.99	VM	VN	Mineralized	P-AML	0.62	404	56200	174500	0.26	270	40	<0.5	73	0.12	1000	9	<1	896	20.1	<10	0.01	<10		0.3	56000	<1	0.02	5
E756909	K-10-0244	82.74	83.79	VM	VN	Mineralized	P-AML	0.82	26.7	825	142500	2.24	52	80	0.8	9	0.09	1000	13	43	543	12.9	<10	0.77	10		0.27	27600	7	0.06	14
E756927	K-10-0244	97.31	97.73	VM	VN	Mineralized	P-AML	0.71	38.8	1035	90300	0.47	10000	10	0.21	39.1	0.07	1000	75.9	12	873	18.45	3.99	0.02	7.1	4.6	0.15	32800	0.91	0.03	61.7
E756928	K-10-0244	97.73	98.32	VM	VN	Mineralized	P-AML	0.17	189	45700	59200	4.06	622	130	1.82	24.5	0.2	714	10.7	63	566	16.15	11.95	0.32	23.4	8.5	0.53	37700	0.62	0.24	19.7
E756930	K-10-0244	98.32	99.06	VM	VN	Mineralized	P-AML	0.13	163	8680	69800	0.64	72.1	<10	0.18	134	0.1	807	5.1	13	817	24.9	4.8	0.01	2.3	2.9	0.42	61400	0.38	0.05	3.5
E756931	K-10-0244	99.06	99.83	VM	VN	Mineralized	P-AML	0.25	116	11400	50300	0.17	309	10	0.05	12.25	0.13	615	8.3	4	458	26.9	3.75	0.01	1.2	2.9	0.48	70600	0.22	0.01	7.5
E756933	K-10-0244	100.24	101.21	VM	VN	Mineralized	P-AML	0.94	82.2	1280	131000	0.74	136.5	20	0.22	47	0.12	1000	9.6	25	3730	21.9	4.77	0.04	7.5	3.3	0.37	54100	0.64	0.06	6.6
E756932	K-10-0244	99.83	100.24	VM	VN	Mineralized	P-AML	0.59	377	3080	244000	0.37	33.1	20	0.08	143.5	0.07	1000	17.6	6	3300	17.85	4.28	0.06	6	3.8	0.26	39200	0.35	0.02	3.9
e756938	K-10-0245	85.18	85.83	VM	VN	Mineralized	P-AML	0.66	201	37500	183000	2.83	164.5	230	0.8	43.9	0.1	1000	14.5	232	967	9.51	10.4	0.88	15.9	9.8	0.2	18600	2.28	0.08	12.7
E756939	K-10-0245	85.83	86.28	VM	VN	Mineralized	P-AML	0.73	148	13100	255000	1.2	87.2	70	0.3	36.1	0.09	1000	13.1	128	1550	9.14	7.34	0.36	9.3	4.2	0.15	17900	1.01	0.03	8.2
E756954	K-10-0245	102	103.12	VM	VN	Mineralized	P-AML	0.01	4.5	155	37800	1.59	1155	120	<0.5	6	0.08	565	5	71	109	7.79	<10	0.48	30		0.19	14050	2	0.05	6
E756953	K-10-0245	101.08	102	VM	VN	Mineralized	P-AML	0.02	3	174	11150	2.34	156	240	0.6	2	0.09	142	2	75	63	5.74	<10	0.63	30		0.16	8640	2	0.07	11
E756952	K-10-0245	100.3	101.08	VM	VN	Mineralized	P-AML	0.04	10.6	385	14700	2.78	325	200	0.7	17	0.11	205	4	77	56	7.72	<10	0.5	30		0.25	10500	3	0.12	13
E773889	K-10-0314	115.82	116.99	FLT	FLT			<0.01	6.9	708	6020	1.11	31	220	<0.5	2	0.16	63	9	23	83	6.25	<10	0.32	20		0.38	17150	1	0.07	9
E756949	K-10-0245	97.95	99.22	VM	VN	Mineralized	P-AML	0.09	6	185	15600	2.87	62	50	1.2	<2	0.15	315	1	74	165	9.38	<10	0.2	30		0.34	24300	1	0.2	9
E004064	K-11-0330	80.77	81.12	FLT	FLT			0.26	7.9	294	69200	2.68	82	320	0.9	<2	0.15	1000	8	63	116	6.98	10	1.1	20		0.23	16650	1	0.05	13
E004063	K-11-0330	78.7	80.32	FLT	FLT			0.78	46.8	1045	86200	3.96	140	170	1.5	17	0.19	1000	10	73	1005	13.05	10	1.59	10		0.33	34200	<1	0.03	20
E756950	K-10-0245	99.22	100.3	VM	VN	Mineralized	P-AML	0.88	221	19250	35900	1.5	1545	70	0.6	66	0.11	880	11	40	2950	12.5	<10	0.22	20		0.26	27200	1	0.08	13
E773084	K-10-0247	95.71	96.51	VM	VN	Mineralized	P-AML	0.14	78.3	5410	170500	0.88	187	20	<0.5	10	0.09	1000	10	25	1280	7.27	<10	0.07	10		0.19	17800	1	0.06	4
E773085	K-10-0247	96.51	97.55	VM	VN	Mineralized	P-AML	0.11	63.9	4040	212000	0.9	521	30	<0.5	3	0.05	1000	13	37	1220	2.56	<10	0.09	20		0.07	1385	1	0.07	2
E773086	K-10-0247	97.55	98.58	VM	VN	Mineralized	P-AML	0.22	34.6	249	119500	1.09	456	10	0.5	<2	0.04	1000	7	37	624	2.01	10	0.02	20		0.08	711	2	0.08	1
E773087	K-10-0247	98.58	99.16	VM	VN	Mineralized	P-AML	0.16	21.1	1185	73700	0.82	251	20	0.5	<2	0.02	1000	5	39	407	1.51	<10	0.01	20		0.05	433	2	0.06	1

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E773088	K-10-0247	99.16	99.76	VM	VN	Mineralized	P-AML	1.09	469	63700	203000	0.56	2350	10	<0.5	165	0.02	1000	14	10	2490	2.55	<10	0.01	10		0.02	623	<1	0.04	1
E773089	K-10-0247	99.76	100.56	VM	VN	Mineralized	P-AML	2.4	123	8940	7810	2.33	7640	20	1.1	209	0.1	629	6	28	481	4.31	10	0.07	40		0.19	4000	1	0.17	4
E773083	K-10-0247	94.84	95.71	VM	VN	Mineralized	P-AML	0.36	72.1	9330	1240	2.51	330	20	1.4	2	0.04	763	1	46	185	2.58	10	0.06	30		0.26	118	4	0.21	2
E773091	K-10-0247	100.56	101.29	VM	VN	Mineralized	P-AML	1.69	134	16350	27100	3.2	398	90	0.7	156	0.11	1000	5	53	413	6.58	10	0.65	30		0.55	11500	2	0.1	10
E773082	K-10-0247	93.75	94.84	VM	VN	Mineralized	P-AML	1.4	2.2	255	33000	2.01	200	170	0.8	2	0.11	158	5	45	33	2.11	<10	0.47	30		0.11	4460	1	0.07	6
E757030	K-10-0248	99.4	100.1	VM	VN	Mineralized	P-AML	0.03	5.8	454	6680	1.64	210	110	0.6	5	0.09	142.5	2	48	40	3.78	<10	0.4	30		0.13	8000	1	0.05	5
E757029	K-10-0248	98.64	99.4	VM	VN	Mineralized	P-AML	1.38	280	9310	76900	1.42	131	110	0.6	30	0.11	1000	4	27	907	13.35	<10	0.27	30		0.27	34000	<1	0.07	7
E773121	K-10-0249	128.51	129.54	VM	VN	Mineralized	P-AML	1.06	79.2	3000	148500	0.07	9880	<10	<0.5	62	0.1	1000	46	1	899	26.6	<10	<0.01	10		0.32	56200	<1	<0.01	19
E773120	K-10-0249	127.44	128.51	VM	VN	Mineralized	P-AML	2.1	43.9	1465	5060	0.19	10000	<10	<0.5	95	0.07	77.4	88	5	60	35.5	<10	<0.01	20		0.25	42600	<1	0.02	45
E773118	K-10-0249	125.41	126.49	VM	VN	Mineralized	P-AML	0.84	68.3	1265	60000	0.51	10000	<10	<0.5	138	0.09	920	63	11	579	26.9	<10	0.05	20		0.26	39900	<1	0.03	22
E773117	K-10-0249	124.46	125.41	VM	VN	Mineralized	P-AML	0.91	65.9	1005	103000	0.13	5440	<10	<0.5	129	0.09	1000	30	6	795	24.3	<10	0.02	10		0.27	49900	<1	0.01	9
E773116	K-10-0249	123.28	124.46	VM	VN	Mineralized	P-AML	1.4	90.6	2130	62100	0.45	10000	<10	<0.5	191	0.08	866	37	20	455	12.65	<10	0.1	20		0.12	16850	<1	0.02	22
E773115	K-10-0249	120.68	123.28	VM	VN	Mineralized	P-AML	<0.01	7.9	506	36200	1.56	65	180	0.5	2	0.13	316	8	40	63	2.6	<10	0.52	20		0.1	6110	1	0.05	16
E773119	K-10-0249	126.49	127.44	VM	VN	Mineralized	P-AML	1.39	91.3	3610	14300	0.56	10000	<10	<0.5	184	0.08	215	93	9	135	28.7	<10	0.04	20		0.26	37500	<1	0.04	30
E773818	K-10-0306	92.02	92.75	FLT	FLT			<0.01	7.35	459	6110	3.7	111.5	40	1.11	0.86	0.14	71.8	1.8	64	569	9.6	14.95	0.35	43.1	4.8	0.38	23500	0.38	0.24	5.5
E773122	K-10-0249	129.54	130.6	VM	VN	Mineralized	P-AML	0.57	140	4810	73600	0.13	10000	<10	<0.5	106	0.14	1000	44	<1	472	29.2	<10	<0.01	40		0.44	69800	<1	0.01	27
E773123	K-10-0249	130.6	131.55	VM	VN	Mineralized	P-AML	0.39	255	6740	378800	0.01	551	<10	<0.5	49	0.09	1000	30	<1	3300	16.8	<10	<0.01	10		0.23	38200	<1	<0.01	<1
E773124	K-10-0249	131.55	132.44	VM	VN	Mineralized	P-AML	0.06	48.2	4120	34200	0.01	46	<10	<0.5	43	0.21	354	<1	<1	205	33.3	<10	<0.01	10		0.54	91500	<1	<0.01	<1
E773125	K-10-0249	132.44	133.24	VM	VN	Mineralized	P-AML	1.94	43.4	736	34300	0.18	23	<10	<0.5	79	0.15	280	<1	4	142	30.6	<10	0.04	10		0.46	89100	<1	0.01	<1
E773161a	K-10-0250	128.84	129.5	VM	VN	Mineralized	P-AML	0.13	223	24700	69900	0.03	5.2	10	0.1	51.4	0.16	740	9.3	<1	369	29.5	7.27	<0.01	<0.5	0.7	0.47	82100	0.05	0.02	11.3
E773160	K-10-0250	128.28	128.84	VM	VN	Mineralized	P-AML	0.01	41.6	4740	16850	0.01	<5	<10	<0.5	33	0.19	153.5	<1	<1	63	34.3	<10	<0.01	<10		0.42	98100	<1	0.01	8
E773159	K-10-0250	127.84	128.28	VM	VN	Mineralized	P-AML	0.54	1520	252100	88800	0.03	<5	<10	<0.5	68	0.2	1000	3	<1	1880	19.55	<10	0.01	<10		0.36	57900	<1	0.01	7
E773158	K-10-0250	127.34	127.84	VM	VN	Mineralized	P-AML	0.33	376	50000	159500	0.3	45	10	<0.5	92	0.18	1000	19	6	1220	19.6	<10	0.03	<10		0.31	56100	<1	0.03	26
E773157	K-10-0250	126.9	127.34	VM	VN	Mineralized	P-AML	0.01	2.7	179	28400	2.31	231	200	1.2	2	0.13	224	9	47	30	4.76	<10	0.54	20		0.3	6770	<1	0.05	25
E773162a	K-10-0250	129.5	132.04	VM	VN	Mineralized	P-AML	1.22	66.3	2740	446300	0.04	77.8	10	<0.05	47.5	0.05	1000	34.1	<1	1810	13.9	5.43	0.01	<0.5	0.7	0.14	23500	0.08	0.03	10.3
E773164a	K-10-0250	132.04	132.59	VM	VN	Mineralized	P-AML	0.03	238	8170	59800	0.06	33.7	<10	0.12	83.5	0.22	842	11.2	<1	735	30.1	5.69	0.01	0.8	0.6	0.54	87700	0.08	0.01	20.6
E773165a	K-10-0250	132.59	133.5	VM	VN	Mineralized	P-AML	0.09	278	16450	107500	0.38	244	10	0.14	78.6	0.18	1000	13.4	2	737	23.1	5.86	0.04	6	1	0.49	69600	0.15	0.03	14.8
E773171a	K-10-0250	135.82	136.2	VM	VN	Mineralized	P-AML	0.72	63.1	3550	265000	0.09	17.2	<10	0.08	13.75	0.1	1000	15.1	<1	853	18.75	5.31	0.01	0.5	0.5	0.27	52700	0.05	0.02	7.8
E773170a	K-10-0250	135.4	135.82	VM	VN	Mineralized	P-AML	0.62	112	1790	495400	0.01	17.2	<10	0.07	115	0.71	1000	27.6	<1	967	8.96	3.47	<0.01	<0.5	0.3	0.2	13750	0.06	0.02	15.1
E773169a	K-10-0250	134.52	135.4	VM	VN	Mineralized	P-AML	1.68	150	4300	451400	0.01	12.6	<10	0.05	55.1	0.28	1000	25.9	<1	1275	12.25	4.02	<0.01	<0.5	0.2	0.17	23100	0.05	0.01	11.4
E773166a	K-10-0250	133.5	134.09	VM	VN	Mineralized	P-AML	0.17	138	7410	475500	0.01	13.1	<10	<0.05	76	0.03	1000	32.8	<1	1355	11.75	4.97	<0.01	<0.5	<0.2	0.1	20100	0.09	0.02	4
E773168a	K-10-0250	134.09	134.52	VM	VN	Mineralized	P-AML	0.24	70.8	1785	485800	0.01	13.2	<10	0.07	27.9	0.07	1000	36.2	<1	1125	10.5	5	<0.01	<0.5	0.2	0.1	21000	0.06	0.02	17.7
E773173a	K-10-0250	137.01	137.85	VM	VN	Mineralized	P-AML	3.53	16.15	832	72400	0.36	5470	<10	0.06	12.8	0.04	934	43.4	<1	402	32.9	3.24	0.03	6.6	1.2	0.16	26400	0.11	0.03	85
E773174a	K-10-0250	137.85	138.34	VM	VN	Mineralized	P-AML	4.6	29.4	1345	145500	0.5	2260	<10	0.09	9.78	0.09	1000	21	2	1565	24.3	4.61	0.09	7.4	1.4	0.24	40100	0.11	0.03	50.7
E773172a	K-10-0250	136.2	137.01	VM	VN	Mineralized	P-AML	1.19	15.9	669	30700	1.36	10000	<10	0.25	8.26	0.06	393	44	24	277	16.25	5.65	0.22	13.5	2.4	0.16	12250	0.28	0.07	45.6
E782247	K-10-0308	120	120.46	FLT	FLT			0.02	12.45	690	24000	5.94	143.5	140	2.81	5.78	0.32	258	11.7	132	144	11.45	20.1	1.49	19.6	32.8	0.59	17700	0.65	0.05	56.6
E782248	K-10-0308	120.46	121.14	FLT	FLT			0.02	8.23	593	11800	6.49	141.5	40	1.75	2.36	0.3	95.1	16.7	172	76.5	11.8	22.5	2.4	11.8	29.6	0.61	18250	0.39	<0.01	73
E773175a	K-10-0250	138.34	138.88	VM	VN	Mineralized	P-AML	0.21	9.7	356	78800	1.97	1105	<10	0.31	3.4	0.1	1000	6.7	34	397	9.02	8.82	0.39	19	2.6	0.22	22000	0.28	0.09	9.2
E773177a	K-10-0250	138.88	139.45	VM	VN	Mineralized	P-AML	1.92	34.7	1520	148500	1.49	3580	<10	0.19	11.4	0.08	1000	21.8	14	1785	12.9	6.24	0.22	26.6	2.6	0.21	20300	0.18	0.08	35.1
E773180a	K-10-0250	140.2	140.45	VM	VN	Mineralized	P-AML	2.15	95.9	394	27300	2.4	5220	<10	0.32	8.49	0.11	315	27.2	45	1960	14.2	9.5	0.28	24.8	4.2	0.33	35400	0.56	0.12	26.1
E773178a	K-10-0250	139.45	139.9	VM	VN	Mineralized	P-AML	0.04	5.82	556	31000	0.01	3.6	<10	<0.05	0.64	0.14	283	3.3	<1	144	32.9	5.33	<0.01	<0.5	0.2	0.5	88200	<0.05	0.01	4.8
E773179a	K-10-0250	139.9	140.2	VM	VN	Mineralized	P-AML	1.29	101	764	56900	1.09	10000	<10	0.14	16.45	0.08	755	51.3	7	1710	29.4	7.13	0.12	24.5	1.7	0.31	45600	0.2	0.07	69.8
E757075a	K-10-0251	72.53	73.15	VM	VN	Mineralized	P-AML	1.09	375	36200	77700	0.28	47.1	20	0.19	64.1	0.09	1000	6.4	4	1725	22.7	6.45	0.02	2.2	6.9	0.32	57400	0.3	0.03	5.2
E757076a	K-10-0251	73.15	73.89	VM	VN	Mineralized	P-AML	0.82	73.1	13900	98300	0.81	150	30	0.57	4.76	0.07	1000	7.1	5	745	18.05	7.07	0.03	6.3	13.2	0.28	42300	0.52	0.07	4.9
E757096a	K-10-0252	100.14	100.76	VM	VN	Mineralized	P-AML	0.09	7.99	133.5	115000	0.35	475	40	0.11	1.22	0.05	1000	9.5	15	210	8.25	3.53	0.1	7.1	6.1	0.12	16650	0.26	0.02	4.9
E757098a	K-10-0252	100.76	102.11	VM	VN	Mineralized	P-AML	0.18	6.7	372	30800	0.53	811	20	0.25	3.95	0.04	363	13.5	22	62.4	8.09	3.09	0.08	11.1	5.1	0.11	13900	0.29	0.03	9.7
E757163	K-10-0253	89.25	90.22	VM	VN	Mineralized	P-AML	0.47	213	29200	108500	0.37	629	20	<0.5	29	0.09	1000	7	24	1220	13.65	<10	0.06	10		0.19	32100	<1	0.02	4
E757164	K-10-0253	90.22	91	VM	VN	Mineralized	P-AML	0.21	137	22000	83800	0.33	727	10	<0.5	7	0.07	939	6	42	770	8.33	<10	0.04	20		0.11	17400	1	0.02	6
E757165	K-10-0253	91	91.34	VM	VN	Mineralized	P-AML	0.11	93	1290	180500	0.16	223	10	<0.5	2	0.06	1000	11	25	1575	10.3	<10	0.01	10		0.14	23300	<1	0.01	3
E757187	K-10-0253	103.79	104.41	VM	VN	Mineralized	P-AML	0.51	15.75	714	60000	3.32	3280	350	1.07	17.65	0.19	772	12.6	55	245	11.7	12.25	0.71	25.5	17.2	0.27	30200	1.61	0.2	15.5
E757186	K-10-0253	103.46	103.79	VM	VN	Mineralized	P-AML	10.2	641	28800	365700	0.15	627	<10	0.06	1140	0.06	1000	20	<1	9810	15.75	4.46	<0.01	0.5	1.5	0.16	27700	0.2	0.03	8.4
E757177	K-10-0253	98.86	99.6	VM	VN	Mineralized	P-AML	0.84	454	59400	169500	0.02	69	<10	<0.5	96	0.11	1000	8	<1	1780	24.7	<10	<0.01	10		0.35	66400	<1	<0.01	2
E757183	K-10-0253	102.31	102.8	VM	VN	Mineralized	P-AML	0.36	439	7980	449000	0.01	22.6	<10	<0.05	489	0.02	1000	29.8	<1	8530	14.25	4.52	<0.01	<0.5	1.3	0.09	18950	0.18	0.01	3.3
E757182	K-10-0253	101.83	102.31	VM	VN	Mineralized	P-AML	0.34	501	12550	286000	0.02	14.3	10	<0.05	934	0.08	1000	21	1	4200	21.7	3.5	0.01	<0.5	0.5	0.25	49000	0.13	0.01	3.8
E757181	K-10-0253	101.15	101.83	VM	VN	Mineralized	P-AML	0.96	849	124500	182000	0.02	143	<10	<0.05	121.5	0.19	1000	12.4	2	2350	20.7	3.86	<0.01	<0.5	0.9	0.4	51700	0.28	0.01	8.3
E757180	K-10-0253	100.57	101.15	VM	VN	Mineralized	P-AML	1.09	180	3560	136500	0.07	407	<10	<0.5	86	0.1	1000	6	<1	1965	25.7	<10	<0.01	10		0.38	71200	<1	0.01	1
E757179	K-10-0253	100.07	100.57	VM	VN	Mineralized	P-AML	0.96	125	4770	77200	0.72	3210	10	<0.5	76	0.15	798	15	7	1115	26	<10	<0.01	20		0.5	69900	<1	0.06	7
E757178	K-10-0253	99.6	100.07	VM	VN	Mineralized	P-AML	0.98	17.7	500	86700	0.3	641	<10	<0.5	17	0.11	977	3	9	482	21.6	<10	<0.01	30		0.37	65700	<1	0.03	2
E757185	K-10-0253	102.8	103.46	VM	VN	Mineralized	P-AML	2.93	791	15600	440500	0.01	24.1	<10	<0.05	645	0.04	1000	25.6	14	9710	14.25	3.84	<0.01	<0.5	2.2	0.11	19200	0.95	0.01	3.5
E757176	K-10-0253	98.3	98.86	VM	VN	Mineralized	P-AML	0.99	150	12900	93100	1.12	505	<10	0.6	47	0.1	913	8	21	1550	18.8	<10	<0.01	50		0.35	51400	<1	0.1	6
E000121	K-11-0324	43.19	44.25	FLT	FLT			0.51	112	608	6220	2.45	773	120	0.9	12	0.04	103	2	53	1025	8.68	<10	0.54	20		0.11	5160	<1	0.06	1
E757219	K-10-0254	127.94	128.27	VM	VN	Mineralized	P-AML	1.72	158	4600	274000	0.01	<5	<10	<0.5	213	0.11	1000	17	1	918	21.1	<10	<0.01	<10		0.39	51200	1	<0.01	2
E757220	K-10-0254	128.27	128.51	VM	VN	Mineralized	P-AML	1.37	163	3290	184500	<0.01	<5	<10	<0.5	308	0.12	1000	13	1	699	26.3	<10	<0.01	<10		0.38	73300	<1	<0.01	6
E757221	K-10-0254	128.51	128.9	VM	VN	Mineralized	P-AML	1.48	411	28400	345300	0.01	<5	<10	<0.5	643	0.14	1000	21	5	2200	18.45	<10	<0.01	<10		0.23	51400	<1	<0.01	6
E757222	K-10-0254	128.9	129.4	VM	VN	Mineralized	P-AML	1.92	136	11100	191500	0.49	703	<10	<0.5	178	0.2	1000	7	8	1475	20.1	<10	0.06	10		0.38	69100	1	0.02	3
E757213	K-10-0254	126.14	126.48	VM	VN	Mineralized	P-AML	0.1	51.9	581	226000	<0.01	<5	<10	<0.5	58	0.1	1000	15	<1	758	22.6	<10	<0.01	10		0.28	59300	<1	<0.01	1
E757202	K-10-0254	122.93	123.22	VM	VN	Mineralized	P-AML	0.76	1210	45900	177000	0.01	23	<10	<0.5	247	0.14	1000	12	<1	5270	23	<10	<0.01	10		0.38	69900	<1	<0.01	17
E757208	K-10-0254	124.61	125.03	VM	VN	Mineralized	P-AML	0.54	2850	483600	135500	0.03	11	<10	<0.5	262	0.14	1000	12	<1	3230	12.6	<10	<0.01	10		0.22	37900	<1	<0.01	14
E757207	K-10-0254	124.38	124.61	VM	VN	Mineralized	P-AML	0.44	873	65600	124500	0.01	13	<10	<0.5	197	0.94	1000	10	<1	1845	23.6	<10	<0.01	10		0.66	76500	<1	<0.01	14
E757206	K-10-0254	123.88	124.38	VM	VN	Mineralized	P-AML	0.27	2420	100000	208000	0.01	27	<10	<0.5	814	0.16	1000	18	<1	20100	19.15	<10	<0.01	10		0.34	53500	<1	<0.01	23

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E757216	K-10-0254	126.8	127.13	VM	VN	Mineralized	P-AML	2.16	92	5370	524800	<0.01	<5	<10	<0.5	89	0.04	1000	34	<1	2420	9.62	<10	<0.01	10		0.04	6040	<1	<0.01	3
E757204	K-10-0254	123.22	123.61	VM	VN	Mineralized	P-AML	0.38	1970	41400	258000	0.02	8	<10	<0.5	1085	0.28	1000	23	<1	11600	20	<10	<0.01	10		0.33	53500	<1	<0.01	13
E757212	K-10-0254	125.77	126.14	VM	VN	Mineralized	P-AML	0.01	72	1730	68100	<0.01	<5	<10	<0.5	104	0.15	631	2	<1	2320	31.1	<10	<0.01	10		0.41	83500	<1	<0.01	7
E757201	K-10-0254	122.58	122.93	VM	VN	Mineralized	P-AML	0.33	1690	117500	283000	0.04	16	<10	<0.5	169	0.1	1000	25	<1	14650	15.85	<10	<0.01	10		0.22	36700	<1	<0.01	12
E757200	K-10-0254	122.1	122.58	VM	VN	Mineralized	P-AML	0.47	716	11550	82200	1.36	2380	10	0.4	1490	0.13	584	28.3	18	1880	21.8	9.22	0.05	43.2	1.8	0.38	50400	0.56	0.11	27.4
E757205	K-10-0254	123.61	123.88	VM	VN	Mineralized	P-AML	0.92	3300	105500	122000	0.01	13	<10	<0.5	3870	0.14	1000	10	<1	11300	23.7	<10	<0.01	10		0.35	67900	<1	<0.01	13
E757214	K-10-0254	126.48	126.8	VM	VN	Mineralized	P-AML	0.03	94.7	2430	559200	<0.01	<5	<10	<0.5	93	<0.01	1000	39	<1	1815	8.23	<10	<0.01	10		0.01	1520	<1	<0.01	5
E757217	K-10-0254	127.13	127.53	VM	VN	Mineralized	P-AML	7.5	531	86300	398700	<0.01	<5	<10	<0.5	518	0.07	1000	22	<1	604	13.25	<10	<0.01	10		0.13	27000	<1	<0.01	2
E757218	K-10-0254	127.53	127.94	VM	VN	Mineralized	P-AML	1.99	259	28300	441000	<0.01	<5	<10	<0.5	316	0.03	1000	23	<1	832	13.35	<10	<0.01	10		0.1	18850	<1	<0.01	1
E757211	K-10-0254	125.38	125.77	VM	VN	Mineralized	P-AML	0.07	530	68800	54200	0.03	5	10	<0.5	159	0.25	662	2	<1	722	26.3	<10	<0.01	10		0.51	88000	<1	<0.01	6
E757210	K-10-0254	125.03	125.38	VM	VN	Mineralized	P-AML	0.28	1950	334100	20400	<0.01	9	<10	<0.5	368	0.19	699	1	<1	696	19.2	<10	<0.01	10		0.37	62000	<1	<0.01	5
E757235	K-10-0254	133.58	133.74	VM	VN	Mineralized	P-AML	2.03	60	3660	212000	0.66	2530	<10	<0.5	81	0.18	1000	16	4	1235	19.45	<10	<0.01	20		0.39	60300	<1	0.05	3
E757233	K-10-0254	133.25	133.58	VM	VN	Mineralized	P-AML	0.59	19.1	146	24000	0.01	24	<10	<0.5	11	0.25	274	<1	1	322	33.4	<10	<0.01	<10		0.56	100000	1	<0.01	<1
E757232	K-10-0254	132.77	133.25	VM	VN	Mineralized	P-AML	0.09	9.7	80	87400	0.01	69	<10	<0.5	3	0.16	961	4	<1	161	29.4	<10	<0.01	<10		0.44	89600	1	<0.01	<1
E757231	K-10-0254	132.29	132.77	VM	VN	Mineralized	P-AML	0.09	8.4	319	40200	2.92	10000	60	1	11	0.18	615	20	56	163	12	<10	0.41	30		0.36	25200	1	0.17	31
E773206	K-10-0255	94.57	95.71	VM	VN	Mineralized	P-AML	0.64	289	3780	211000	1.91	1965	60	0.7	8	0.03	1000	13	27	1445	3.25	10	0.11	10		0.12	1400	<1	0.12	4
E773214	K-10-0256	85.11	87.31	VM	VN	Mineralized	P-AML	0.18	43.6	7830	50400	2.1	245	220	0.7	2	0.09	763	2	44	237	5.64	10	0.61	10		0.13	11150	1	0.06	3
E773218	K-10-0256	90.67	91.27	VM	VN	Mineralized	P-AML	0.02	3.9	81	60600	0.87	61	80	<0.5	<2	0.04	1000	4	43	107	4.47	<10	0.28	10		0.05	9030	2	0.03	1
E773271	K-10-0262	62.76	63.28	VM	VN	Mineralized	P-AML	0.62	923	168000	89100	0.84	2870	20	0.5	40	0.05	1000	10	18	1210	12.35	<10	0.06	<10		0.15	25100	<1	0.06	8
E773270	K-10-0262	62.09	62.76	VM	VN	Mineralized	P-AML	1.38	315	3690	249000	0.23	167	<10	<0.5	86	0.08	1000	15	<1	3930	19.6	<10	<0.01	<10		0.21	49000	<1	0.03	3
E773268	K-10-0262	61.62	62.09	VM	VN	Mineralized	P-AML	0.43	496	13800	124000	0.06	63	<10	<0.5	634	0.12	1000	10	<1	2510	27.1	<10	<0.01	<10		0.3	78100	<1	0.02	4
E773267	K-10-0262	61.1	61.62	VM	VN	Mineralized	P-AML	0.23	288	11100	143500	0.04	35	<10	<0.5	184	0.12	1000	10	<1	3150	27.4	<10	<0.01	<10		0.3	79100	<1	0.01	4
E773266	K-10-0262	60.51	61.1	VM	VN	Mineralized	P-AML	0.65	849	159500	168500	0.15	82	<10	<0.5	67	0.11	1000	14	<1	1430	18.7	<10	0.01	<10		0.25	56500	<1	0.02	6
E775013	K-10-0265	61.67	62.65	VM	VN	Mineralized	P-AML	1.09	155	7390	38600	0.38	100	<10	<0.5	123	0.12	511	<1	6	4300	30.2	<10	<0.01	<10		0.41	86000	<1	0.04	2
E775012	K-10-0265	61.1	61.67	VM	VN	Mineralized	P-AML	0.66	1040	93600	52900	0.02	237	<10	<0.5	156	0.09	756	<1	1	4160	28.1	<10	<0.01	<10		0.29	67900	<1	0.01	4
E775011	K-10-0265	60.35	61.1	VM	VN	Mineralized	P-AML	0.31	1000	78900	71000	0.01	191	<10	<0.5	121	0.07	1000	<1	1	2180	28.9	<10	<0.01	<10		0.25	66800	<1	0.01	<1
E775010	K-10-0265	59.13	60.35	VM	VN	Mineralized	P-AML	1.18	4080	361100	32000	0.02	180	<10	<0.5	81	0.02	670	<1	4	5260	11.7	<10	<0.01	<10		0.08	20300	<1	0.01	1
E775009	K-10-0265	58.51	59.13	VM	VN	Mineralized	P-AML	1.74	1350	13250	32500	0.12	396	<10	<0.5	203	0.07	445	<1	2	5940	31.2	<10	0.01	<10		0.26	70700	<1	0.02	2
E775008	K-10-0265	58.03	58.51	VM	VN	Mineralized	P-AML	0.18	156	5220	14200	0.02	304	<10	<0.5	157	0.06	216	<1	1	1700	37.4	<10	<0.01	<10		0.16	83200	<1	0.01	2
E775005	K-10-0265	54.86	56.08	VM	VN	Mineralized	P-AML	0.43	250	14850	21300	0.04	1035	10	<0.5	104	0.05	327	<1	<1	3360	38.4	<10	0.01	<10		0.09	79300	<1	0.01	6
E775003	K-10-0265	53.79	54.86	VM	VN	Mineralized	P-AML	1.14	488	12100	20200	0.87	2030	30	0.5	97	0.03	334	<1	17	5900	30.4	<10	0.09	10		0.03	59700	<1	0.06	5
E775007	K-10-0265	56.08	58.03	VM	VN	Mineralized	P-AML	1.65	3410	461300	8810	0.04	1310	<10	<0.5	70	0.02	1000	<1	4	6930	15.5	<10	<0.01	<10		0.03	25900	<1	0.01	2
E775015	K-10-0265	62.65	63.45	VM	VN	Mineralized	P-AML	0.97	423	23600	40300	0.35	76	<10	<0.5	86	0.11	748	<1	7	2580	30	<10	<0.01	10		0.44	79700	1	0.03	<1
E775028	K-10-0265	71.9	72.64	VM	VN	Mineralized	P-AML	0.07	14	691	15300	1.76	4350	240	<0.5	10	0.2	215	5	55	125	12.9	<10	0.64	20		0.42	40900	3	0.03	14
E775026	K-10-0265	71.32	71.9	VM	VN	Mineralized	P-AML	1.08	55.7	2410	179500	3.02	2390	70	0.6	60	0.1	1000	13	68	951	14.2	<10	0.61	20		0.45	19650	1	0.04	30
E775023	K-10-0265	68.98	70.18	VM	VN	Mineralized	P-AML	0.16	98.4	7980	199000	0.24	14	10	<0.5	47	0.13	1000	6	5	1060	21.8	<10	0.04	10		0.35	60800	1	0.02	2
E775025	K-10-0265	70.18	71.32	VM	VN	Mineralized	P-AML	2.55	544	85000	179000	0.47	48	30	<0.5	94	0.1	1000	9	9	10200	18.4	<10	0.12	10		0.26	48800	1	0.03	8
E775034	K-10-0265	87.27	87.61	VM	VN	Mineralized	P-AML	0.23	821	124000	4290	2.77	63	750	1	6	0.06	59.9	5	50	495	3.39	10	0.92	30		0.18	3230	4	0.05	16
E004010	K-11-0327	99.58	100.17	FLT	FLT			0.02	19.7	1145	9800	7.3	75	770	2.7	3	0.29	113	11	83	87	5.87	20	2.25	40		0.34	10650	1	0.14	45
E773318	K-10-0267	110.59	111.17	VM	VN	Mineralized	P-AML	1.77	18	379	134000	0.13	2930	<10	<0.5	16	0.09	1000	26	3	590	22.7	<10	0.05	20		0.26	58700	<1	0.01	17
E773307	K-10-0267	106.48	106.95	VM	VN	Mineralized	P-AML	1.6	100	1355	393500	0.24	1765	10	<0.5	107	0.08	1000	28	1	2110	15.3	10	0.03	<10		0.13	24100	<1	0.03	9
E773308	K-10-0267	106.95	107.31	VM	VN	Mineralized	P-AML	0.99	90.5	1555	361900	0.02	93	<10	<0.5	119	0.07	1000	4	<1	3280	17.5	<10	0.01	<10		0.15	34100	<1	0.01	4
E773309	K-10-0267	107.31	107.93	VM	VN	Mineralized	P-AML	2.42	97.5	2020	362000	0.02	1290	<10	<0.5	122	0.06	1000	14	<1	2570	16.1	<10	<0.01	<10		0.11	24500	<1	0.01	10
E773311	K-10-0267	107.93	108.39	VM	VN	Mineralized	P-AML	0.73	133	2700	365500	0.31	664	30	<0.5	151	0.08	1000	10	3	2760	16.8	<10	0.09	<10		0.12	25200	<1	0.03	16
E773312	K-10-0267	108.39	108.83	VM	VN	Mineralized	P-AML	0.64	1320	7250	348300	0.11	179	10	<0.5	356	0.05	1000	15	<1	23000	17.8	10	0.04	<10		0.1	22700	<1	0.02	57
E773316	K-10-0267	109.79	110.16	VM	VN	Mineralized	P-AML	0.7	40.4	1450	340000	0.04	18	<10	<0.5	8	0.08	1000	20	1	1265	14.05	10	0.01	<10		0.16	36500	<1	0.01	13
E773315	K-10-0267	109.3	109.79	VM	VN	Mineralized	P-AML	0.32	39.7	1510	305400	0.02	6	<10	<0.5	10	0.12	1000	17	<1	1050	17.9	10	0.01	<10		0.23	48800	<1	0.01	12
E773319	K-10-0267	111.17	111.35	VM	VN	Mineralized	P-AML	2.54	52.6	1005	267000	0.19	1160	<10	<0.5	61	0.05	1000	21	7	1745	14.3	<10	0.02	10		0.14	29500	<1	0.02	10
E773320	K-10-0267	111.35	111.75	VM	VN	Mineralized	P-AML	1.72	73.2	1510	345300	0.21	3420	<10	<0.5	72	0.04	1000	96	2	2980	12	10	0.01	<10		0.1	18400	<1	0.03	59
E004027	K-11-0327	110.92	111.46	FLT	FLT			0.01	3.2	275	15550	2.15	19	120	0.6	<2	0.14	123	3	45	47	4.01	10	0.52	20		0.22	7230	<1	0.07	9
E773321	K-10-0267	111.75	112.25	VM	VN	Mineralized	P-AML	1.08	22.2	459	89700	0.38	1815	10	<0.5	28	0.13	987	13	8	506	23	<10	<0.01	<10		0.43	61700	<1	0.03	14
E773314	K-10-0267	108.83	109.3	VM	VN	Mineralized	P-AML	3.46	85.9	927	434200	0.05	31	10	<0.5	35	0.04	1000	15	<1	1930	13.05	<10	0.02	<10		0.08	18700	<1	0.02	4
E773317	K-10-0267	110.16	110.59	VM	VN	Mineralized	P-AML	0.77	34.9	533	275000	0.21	409	10	<0.5	5	0.1	1000	21	6	1125	17.55	10	0.09	10		0.23	46600	<1	0.01	18
E000011	K-11-0328	37.3	38.1	FLT	FLT			<0.01	1.9	66	30000	3.33	650	100	1.6	<2	0.08	163.5	6	65	33	6.22	10	0.52	30		0.18	12050	<1	0.13	12
E773819	K-10-0306	92.75	93.37	VM	VN	Mineralized	P-AML	0.32	169	25300	158000	0.11	33.6	<10	0.12	11.15	0.12	1000	11.9	<1	827	25	6.58	0.01	0.7	1.9	0.27	70000	0.16	<0.01	11.8
E773823	K-10-0306	96.01	96.9	VM	VN	Mineralized	P-AML	0.64	183	3960	362200	0.04	418	<10	<0.05	47.1	0.06	1000	13.9	<1	3640	18.05	3.44	<0.01	1.7	2.3	0.14	34200	0.19	<0.01	38.3
E773821	K-10-0306	94.31	95.25	VM	VN	Mineralized	P-AML	0.48	27.1	326	444600	<0.01	17.3	<10	<0.05	1.17	0.03	1000	16.2	<1	905	12.95	3.82	0.01	0.6	2.8	0.05	19550	0.1	<0.01	8.3
E773820	K-10-0306	93.37	94.31	VM	VN	Mineralized	P-AML	0.77	1060	93600	420200	0.03	49.6	<10	<0.05	45.2	0.03	1000	21.8	<1	3180	9.28	6.55	0.01	1.1	2.3	0.04	16900	0.13	<0.01	8.6
E004076	K-11-0329	71.05	71.4	FLT	FLT			0.01	3.5	301	21800	4.22	132	570	1.2	<2	0.12	200	4	77	119	5.14	10	1.58	20		0.18	12700	<1	0.13	15
E004079	K-11-0329	71.85	72.66	FLT	FLT			0.04	5.1	346	14350	4.84	230	630	1.4	<2	0.09	297	2	78	193	3.43	10	1.63	20		0.15	4800	<1	0.13	10
E773822	K-10-0306	95.25	96.01	VM	VN	Mineralized	P-AML	0.57	33	384	406800	0.05	27.8	10	<0.05	11.55	0.04	1000	7.9	<1	1170	16.15	3.16	<0.01	<0.5	1.8	0.11	29000	0.14	<0.01	7.6
E773824	K-10-0306	96.9	97.54	VM	VN	Mineralized	P-AML	0.35	371	1910	350500	0.03	120	<10	<0.05	37.4	0.05	1000	10.7	<1	3190	18	3.53	<0.01	<0.5	2.6	0.14	33200	0.16	<0.01	39.7
E773825	K-10-0306	97.54	98.21	VM	VN	Mineralized	P-AML	0.68	97	1410	262000	0.83	715	20	0.11	109	0.08	1000	13	13	1400	13.7	6.05	0.27	5.5	5	0.15	31800	0.36	<0.01	9.7
E782238	K-10-0308	114.85	116.09	SM	VN	Mineralized	P-AML	0.01	18.7	255	33200	1.22	398	40	0.34	25.8	0.1	483	10.1	41	149.5	5.99	5.29	0.18	13.3	27.8	0.18	4030	0.23	0.01	14.3
E782240	K-10-0308	116.09	117.03	SM	VN	Mineralized	P-AML	0.03	11.25	184.5	26200	4.42	162	240	1.03	10.65	0.18	386	7.9	72	257	10.8	13.05	0.93	27.8	27.9	0.35	5820	1.12	0.1	38.6
E782242	K-10-0308	117.35	117.68	SM	VN	Mineralized	P-AML	0.18	11.05	520	7970	2.45	2070	20	1.03	13.3	0.12	89.8	25.4	38	118	16.2	11.35	0.24	14.1	2.7	0.31	12900	0.66	0.16	31.8
E782243	K-10-0308	117.68	118.02	SM	VN	Mineralized	P-AML	0.12	17.5	601	24700	4.08	1320	10	1.58	15.2	0.17	269	12.8	54	449	12.65	17.65	0.27	25	3.4	0.47	16050	1.34	0.29	40.6
E782244	K-10-0308	118.02	118.94	SM	VN	Mineralized	P-AML	0.35	7.94	856	5010	3.55	1155	10	1.49	8.35	0.18	63.3	16.5	51	46.9	14	13.45	0.02	25.4	3.6	0.44	16950	0.49	0.29	25.6
E000083	K-11-0331	82.3	83.3	FLT	FLT			0.02	26.8	426	20300	8.15	174	850	2.9	<2	0.21	280	5	106	107	5.41	20	2.63	40		0.31	8140	<1	0.2	22
E000086	K-11-0331	84	84.67	BX	BX			0.22	26.9	2090	25200	1.4	237	20	0.8	<2	0.09	507	3	27	153	7.02	<10	0.09	10		0.25	18950	<1	0.1	4

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	Au_ppm	Ag_ppm	Pb (ppm)	Zn (ppm)	Al_pct	As (ppm)	Ba_ppm	Be_ppm	Bi_ppm	Ca (%)	Cd_ppm	Co_ppm	Cr_ppm	Cu_ppm	Fe (%)	Ga_ppm	K_pct	La_ppm	Li_ppm	Mg (%)	Mn (ppm)	Mo_ppm	Na_pct	Ni_ppm
E000084	K-11-0331	83.3	84	BX	BX			0.01	2.3	135	16250	1.37	193	70	0.6	<2	0.07	186.5	3	35	59	3.72	<10	0.28	20		0.13	8300	<1	0.06	5
E782241	K-10-0308	117.03	117.35	SM	VN	Mineralized	P-AML	0.05	12.95	194	55300	2.76	425	150	0.64	11.45	0.12	702	7	41	205	6.9	9.32	0.6	14.1	17	0.21	3570	1.08	0.06	19
E782246	K-10-0308	118.94	120	SM	VN	Mineralized	P-AML	0.62	1100	187500	62700	4.37	466	80	2.31	36.3	0.1	1000	12.7	40	1945	9.77	15.8	0.22	8.9	5.6	0.44	11050	0.39	0.31	24.2
E782250	K-10-0308	121.14	121.56	VM	VN	Mineralized	P-AML	0.01	2.05	100	8340	2.49	172.5	20	0.66	0.31	0.25	43.9	5.4	42	45	23.3	13.85	0.95	10	3.9	0.63	72200	0.18	<0.01	11.8
E000091	K-11-0331	86.1	86.59	BX	BX			8.83	10.9	62	7900	1.85	41	<10	0.9	<2	0.01	121.5	<1	13	52	1.63	10	<0.01	10		0.11	905	<1	0.11	2
E782252	K-10-0308	122.07	122.93	VM	VN	Mineralized	P-AML	0.33	1.43	83.9	15700	0.67	561	10	0.39	0.52	0.18	95.8	17.3	11	23.1	26.4	4.82	0.07	2.2	16.1	0.54	84200	0.29	0.03	18.3
E782253	K-10-0308	122.93	123.66	VM	VN	Mineralized	P-AML	0.18	10.55	805	15500	2.37	401	90	0.76	3.02	0.1	150	9.3	38	344	10.4	8.43	0.31	14.2	12.6	0.31	28900	0.32	0.12	13.2
E782251	K-10-0308	121.56	122.07	VM	VN	Mineralized	P-AML	0.93	90.7	10550	63700	1.1	2150	30	0.46	14.65	0.08	558	30.6	13	377	14.15	8.73	0.16	3.3	12.9	0.28	35900	0.61	0.05	27.8
E774675	K-10-0309	106.13	106.87	VM	VN	Mineralized	P-AML	0.37	1360	5130	372300	0.46	66.6	20	0.18	100.5	0.04	1000	19.9	5	3610	11.9	6.65	0.08	9.5	3.6	0.12	22900	0.17	<0.01	5.4
E774677	K-10-0309	106.87	107.22	SM	VN	Mineralized	P-AML	0.07	14.8	1130	39100	1.81	9670	80	0.43	6.45	0.15	431	54	48	328	7.48	7.32	0.51	13	3.9	0.17	17500	0.71	0.02	56.8
E774678	K-10-0309	107.22	108.6	SM	VN	Mineralized	P-AML	0.03	37.8	1190	58600	4.27	233	110	0.88	10.95	0.18	597	9.3	126	2130	8.29	15.6	1.72	10.4	13.5	0.2	20500	0.43	<0.01	26.5
E774699	K-10-0309	135.17	135.8	SM	VN	Mineralized	P-AML	0.04	23.1	523	47000	0.67	69	40	0.19	25.6	0.06	706	4.2	25	262	4.36	3.15	0.28	5.4	8.1	0.12	2110	0.29	<0.01	7.5
E774698	K-10-0309	133.74	135.17	SM	VN	Mineralized	P-AML	<0.01	1.21	113.5	5910	0.84	19.4	170	0.23	0.5	0.08	52.8	2	34	32.6	2.09	2.92	0.23	8.8	16.9	0.2	2230	0.44	0.01	7.4
E774701	K-10-0309	135.8	136.72	SM	VN	Mineralized	P-AML	<0.01	3.31	146	6710	1.88	18.3	410	0.55	2.11	0.11	81.6	4.2	40	48.2	2.39	6.88	0.69	14.5	25.6	0.23	2060	1.35	<0.01	18.2
E000033	K-11-0325	70.1	71.63	VM	VN	Mineralized	P-AML	7.88	456	7530	275000	0.53	10000	<10	<0.5	656	0.04	1000	189	3	2250	17.15	10	0.02	10		0.16	20300	<1	0.03	10
E000031	K-11-0325	68.45	69.25	VM	VN	Mineralized	P-AML	0.21	279	2520	382300	0.04	7	<10	<0.5	72	0.05	1000	26	<1	1720	15.7	10	0.01	<10		0.18	33300	<1	<0.01	1
E000032	K-11-0325	69.25	70.1	VM	VN	Mineralized	P-AML	1.62	467	4880	235000	0.03	434	<10	<0.5	161	0.07	1000	23	<1	3360	22.4	10	<0.01	<10		0.22	42200	<1	<0.01	11
E004045	K-11-0332	64.36	66.15	FLT	FLT			0.1	16.6	888	6640	1.51	443	140	0.5	9	0.03	45.5	2	36	167	4.45	10	0.4	10		0.08	6450	<1	0.04	3
E000035	K-11-0325	71.63	73.46	VM	VN	Mineralized	P-AML	1.26	146	1860	399800	0.03	10000	<10	<0.5	205	0.03	1000	207	<1	4020	16.5	10	<0.01	<10		0.07	14000	<1	<0.01	25
E000036	K-11-0325	73.46	74.44	VM	VN	Mineralized	P-AML	1.55	144	4050	362500	0.18	2030	<10	<0.5	255	0.07	1000	15	<1	1125	19.95	10	0.07	<10		0.14	21200	<1	<0.01	9
E000030	K-11-0325	67.66	68.45	VM	VN	Mineralized	P-AML	0.83	3440	31000	376400	0.07	19	<10	<0.5	406	0.04	1000	23	<1	17950	13.15	10	<0.01	<10		0.13	21000	<1	<0.01	1
E004108	K-11-0326	97.37	98.66	VM	VN	Mineralized	P-AML	0.61	59.1	339	443000	0.08	2700	<10	<0.5	14	0.03	1000	34	<1	1490	12.4	10	0.03	<10		0.11	18750	<1	<0.01	8
E004107	K-11-0326	96.8	97.37	VM	VN	Mineralized	P-AML	0.35	43.1	226	462300	0.01	11	<10	<0.5	9	0.02	1000	30	<1	1360	11.85	10	<0.01	<10		0.09	18050	<1	<0.01	3
E004106	K-11-0326	96.01	96.8	VM	VN	Mineralized	P-AML	0.57	170	5160	230000	0.32	118	30	<0.5	90	0.11	1000	26	4	1300	13.45	10	0.09	<10		0.2	43000	<1	0.01	30
E004105	K-11-0326	95.5	96.01	VM	VN	Mineralized	P-AML	1.69	877	8530	157500	0.58	4390	10	<0.5	317	0.12	1000	23	<1	15000	22.1	10	0.02	<10		0.36	62400	<1	0.05	12
E004110	K-11-0326	98.66	99.41	SM	VN	Mineralized	P-AML	0.44	31.8	674	142500	2.74	595	60	0.6	12	0.1	1000	11	41	525	15.3	10	1.16	10		0.27	37100	<1	0.01	10
E004111	K-11-0326	99.41	99.78	VM	VN	Mineralized	P-AML	0.59	16.6	2980	59500	0.85	54	90	<0.5	9	0.13	1000	<1	7	198	24.3	10	0.33	<10		0.4	69800	<1	0.01	6
E004112	K-11-0326	99.78	100.16	SM	VN	Mineralized	P-AML	1.08	22.2	521	44400	3.63	166	790	1	10	0.08	1000	5	32	297	6.57	10	1.35	10		0.23	17250	2	0.08	10
E004115	K-11-0326	100.54	100.95	VM	VN	Mineralized	P-AML	0.7	94.1	12250	150000	1.07	81	120	<0.5	10	0.1	1000	7	8	701	11.15	10	0.36	10		0.21	28800	<1	0.02	6
E004114	K-11-0326	100.16	100.54	VM	VN	Mineralized	P-AML	1.45	101	8440	169000	0.76	129	40	<0.5	14	0.11	1000	9	14	916	18.75	10	0.31	<10		0.3	49400	<1	0.01	9
E004116	K-11-0326	100.95	101.7	SM	VN	Mineralized	P-AML	0.02	6.3	393	13100	4.6	117	2750	1.2	4	0.1	284	3	55	93	6.2	20	1.68	20		0.29	12200	2	0.12	10
E004119	K-11-0326	104.49	104.83	VM	VN	Mineralized	P-AML	0.04	9.1	519	29900	2.75	279	30	0.8	21	0.37	193.5	6	60	64	23.6	10	0.69	<10		0.64	67500	<1	0.01	21
E004004	K-11-0327	92.1	92.5	SM	VN	Mineralized	P-AML	0.03	19.4	753	83400	0.9	89	20	<0.5	19	0.07	1000	6	36	464	3.91	<10	0.11	10		0.11	6440	<1	0.06	11
E004021	K-11-0327	105.56	106.02	VM	VN	Mineralized	P-AML	0.62	42.3	627	44800	0.76	3250	30	<0.5	20	0.21	530	18	8	492	27	10	0.24	<10		0.48	58800	<1	0.03	20
E004020	K-11-0327	104.56	105.56	VM	VN	Mineralized	P-AML	0.4	11.4	231	81300	0.44	1110	<10	<0.5	16	0.15	738	15	<1	328	26.8	10	0.01	<10		0.48	83100	<1	0.05	2
E004017	K-11-0327	103.18	104.26	VM	VN	Mineralized	P-AML	0.33	51.5	1590	393200	0.35	61	20	<0.5	48	0.13	1000	22	6	1025	14.9	10	0.09	10		0.21	31000	<1	0.03	2
E004019	K-11-0327	104.26	104.56	VM	VN	Mineralized	P-AML	0.06	43.4	499	374700	0.06	<5	10	<0.5	4	0.05	1000	19	<1	1350	10.2	<10	0.01	<10		0.13	25400	<1	0.02	1
E000003	K-11-0328	8.74	9.14	SM	VN	Mineralized	P-AML	0.45	246	19650	13200	0.44	159	40	<0.5	33	0.31	402	<1	8	1245	20.1	<10	0.15	20		0.05	45900	<1	0.04	<1
E000057	K-11-0334	67.67	68.46	FLT	FLT			0.3	96.7	6530	94100	1.08	611	30	0.6	25	0.14	1000	9	7	1530	14.95	10	0.07	10		0.31	45100	<1	0.05	12
E004080	K-11-0329	72.66	73.38	SM	VN	Mineralized	P-AML	0.09	6.8	443	14900	1.8	156	120	0.6	6	0.11	181	1	33	197	11.2	10	0.47	20		0.26	28500	<1	0.05	6
E000088	K-11-0331	84.89	85.34	VM	VN	Mineralized	P-AML	<0.01	10.3	120	60400	0.01	27	<10	<0.5	7	0.13	744	<1	<1	294	31.7	<10	<0.01	10		0.49	83100	<1	<0.01	<1
E000089	K-11-0331	85.34	86.1	VM	VN	Mineralized	P-AML	0.14	39.6	181	181500	0.14	13	<10	<0.5	8	0.1	1000	8	<1	961	22.6	<10	<0.01	10		0.33	62000	<1	<0.01	<1
E000087	K-11-0331	84.67	84.89	VM	VN	Mineralized	P-AML	0.05	205	14700	38600	0.02	41	<10	<0.5	12	0.18	575	<1	<1	425	30.8	<10	<0.01	10		0.58	91400	<1	<0.01	<1
E004031	K-11-0332	52.84	53.44	VM	VN	Mineralized	P-AML	1.24	1600	175000	41900	0.93	2850	10	0.9	184	0.05	1000	4	7	9810	22.8	10	0.03	<10		0.17	27800	<1	0.05	<1
E004032	K-11-0332	53.44	54	VM	VN	Mineralized	P-AML	1.73	3560	350400	97900	0.29	975	<10	0.5	119	0.01	1000	5	<1	20700	14.6	10	0.01	<10		0.02	4360	<1	0.02	<1
E004033	K-11-0332	54	54.41	VM	VN	Mineralized	P-AML	0.19	364	42900	24500	0.02	75	<10	<0.5	64	0.1	474	1	<1	1200	30.9	<10	<0.01	<10		0.36	77900	<1	0.01	<1
E000128	K-11-0339	92.96	94.49	FLT	FLT			0.01	4.2	657	13150	4.87	76	680	1.3	<2	1.39	105.5	10	68	35	3.74	10	1.51	30		0.61	6570	<1	0.12	31
E004035	K-11-0332	54.41	55.27	VM	VN	Mineralized	P-AML	1.14	333	11150	168000	0.16	194	<10	<0.5	314	0.08	1000	14	<1	6410	26.4	10	<0.01	<10		0.22	47100	<1	0.02	<1
E004036	K-11-0332	55.27	56.2	VM	VN	Mineralized	P-AML	0.32	87	3070	44400	2.96	1200	10	1.3	68	0.11	738	6	39	1600	17.1	10	0.03	40		0.36	23800	<1	0.22	1
E000131	K-11-0339	95.73	96.05	FLT	FLT			0.01	4.4	678	5240	4.9	115	390	1.3	3	0.24	42.5	8	71	47	5.1	10	1.62	30		0.33	8190	<1	0.12	27
E004051	K-11-0332	67.73	68.95	VM	VN	Mineralized	P-AML	0.35	65.4	5650	343500	0.19	99	10	<0.5	11	0.09	1000	18	<1	1620	16.4	10	0.02	<10		0.26	42800	<1	0.02	2
E004049	K-11-0332	67.37	67.73	VM	VN	Mineralized	P-AML	0.82	388	118500	180000	0.82	201	60	<0.5	37	0.16	1000	12	9	1130	15.95	10	0.23	<10		0.27	41000	<1	0.04	<1
E004048	K-11-0332	66.98	67.37	VM	VN	Mineralized	P-AML	0.65	170	16300	188000	0.54	551	20	<0.5	66	0.1	1000	15	8	1470	12.75	<10	0.14	<10		0.21	33700	<1	0.03	6
E004053	K-11-0332	69.66	70.2	SM	VN	Mineralized	P-AML	0.05	6.5	461	33600	1.12	121	70	<0.5	5	0.15	371	4	33	149	11.5	10	0.47	10		0.25	35900	<1	0.01	<1
E004052	K-11-0332	68.95	69.66	SM	VN	Mineralized	P-AML	0.09	9.6	745	38700	3.47	174	70	0.7	5	0.17	386	5	56	140	9.85	10	1.12	10		0.29	22700	<1	0.02	6
E004058	K-11-0332	73.4	73.77	VM	VN	Mineralized	P-AML	2.82	19.9	670	65000	0.69	7220	20	<0.5	39	0.1	722	22	<1	160	26	<10	0.01	<10		0.41	67900	<1	0.06	22
E004059	K-11-0332	73.77	74.52	VM	VN	Mineralized	P-AML	1.62	13	916	17950	0.44	766	10	<0.5	24	0.13	143	1	<1	39	26.6	<10	0.02	<10		0.42	71100	<1	0.03	8
E004056	K-11-0332	72.8	73.4	VM	VN	Mineralized	P-AML	1.36	161	2330	436700	0.21	5580	<10	<0.5	231	0.01	1000	28	<1	2020	11.9	<10	0.05	<10		0.03	4980	<1	0.01	10
E000061	K-11-0334	69.79	70.06	VM	VN	Mineralized	P-AML	0.19	43.4	870	216000	0.22	50	20	<0.5	46	0.09	1000	16	<1	1425	22.5	10	0.07	<10		0.28	53600	<1	<0.01	<1
E000060	K-11-0334	69.43	69.79	VM	VN	Mineralized	P-AML	1.81	74.6	2250	192000	1.04	113	80	<0.5	68	0.06	1000	14	9	1935	12.5	10	0.31	10		0.16	28500	<1	0.01	2
E000062	K-11-0334	70.06	70.31	VM	VN	Mineralized	P-AML	5.26	10.7	284	23300	1.52	2260	120	0.8	4	0.06	409	1	12	742	19.4	<10	0.39	20		0.21	36800	<1	0.04	1
E000058	K-11-0334	68.46	69.43	VM	VN	Mineralized	P-AML	0.91	159	3100	154000	0.43	501	10	<0.5	41	0.11	1000	11	3	1575	20.1	10	0.02	<10		0.31	52400	<1	0.02	4
E000129	K-11-0339	94.49	94.85	VM	VN	Mineralized	P-AML	0.05	41	1705	125000	1.67	599	50	<0.5	23	0.21	1000	9	22	1215	17.55	<10	0.39	20		0.4	47200	<1	0.07	25
E000135	K-11-0339	98	98.65	SM	VN	Mineralized	P-AML	0.11	17.9	908	59400	1.45	347	90	<0.5	16	0.18	683	8	34	301	9.62	10	0.43	10		0.29	28800	<1	0.04	14
E000142	K-11-0339	101.94	102.11	VM	VN	Mineralized	P-AML	0.43	36.3	1410	24400	6.12	241	260	1.1	61	0.19	239	25	184	175	15.95	30	2.73	10		0.4	43200	<1	0.01	66
E000143	K-11-0339	102.11	102.47	VM	VN	Mineralized	P-AML	0.72	72	2140	100500	0.35	63	10	<0.5	66	0.13	1000	9	4	379	24.5	20	0.14	10		0.41	68900	<1	<0.01	7

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E599899	K-07-0072	194.65	195.83	CHSCH	CHSCH	Non-Mineralized	N-AML	240	0.14	<5	2			6	<20	0.12	10	<10	23	<10		
E599900	K-07-0072	195.83	197.6	CHSCH	CHSCH	Non-Mineralized	N-AML	600	0.45	11	17			101	<20	0.63	<10	<10	189	<10		
E599901	K-07-0072	197.6	199.12	CHSCH	CHSCH	Non-Mineralized	P-AML	450	0.35	17	10			90	<20	0.27	10	<10	150	<10		
E599898	K-07-0072	193.6	194.65	CHSCH	CHSCH	Non-Mineralized	N-AML	240	0.14	<5	2			8	<20	0.08	<10	<10	15	<10		
E601657	K-07-0116	171.51	173.53	CHSCH	CHSCH	Non-Mineralized	N-AML	410	0.43	<5	16			119	<20	0.55	<10	<10	177	<10		
E776968	K-07-0123	150.8	152.65	CHSCH	CHSCH	Non-Mineralized	N-AML	450	0.4	8	13			29	<20	0.21	<10	<10	90	<10		
E776967	K-07-0123	148.8	150.8	CHSCH	CHSCH	Non-Mineralized	P-AML	330	0.27	5	14			31	<20	0.25	10	<10	111	<10		
E602315	K-07-0125	17.68	18.31	CHSCH	CHSCH	Non-Mineralized	N-AML	620	0.06	13	25			143	<20	0.71	10	<10	237	20		
E602316	K-07-0125	18.31	20.39	CHSCH	CHSCH	Non-Mineralized	N-AML	240	0.06	8	3			22	<20	0.12	<10	<10	37	<10		
E602314	K-07-0125	14.66	17.68	CHSCH	CHSCH	Non-Mineralized	N-AML	580	0.12	15	27			241	<20	0.76	10	<10	249	<10		
E777005	K-07-0126	20	23.43	CHSCH	CHSCH	Non-Mineralized	N-AML	930	0.14	14	33			372	<20	1.05	<10	<10	296	<10		
E777004	K-07-0126	16.9	20	CHSCH	CHSCH	Non-Mineralized	N-AML	470	0.02	<5	6			101	<20	0.23	<10	<10	64	<10		
E777003	K-07-0126	14.66	16.9	CHSCH	CHSCH	Non-Mineralized	N-AML	690	0.01	<5	36			324	<20	0.97	<10	<10	328	<10		
E753960	K-08-0130	91.45	93.05	CHSCH	CHSCH	Non-Mineralized	N-AML	340	0.2	<5	12			52	<20	0.21	<10	<10	88	<10		
E753959	K-08-0130	89.54	91.45	CHSCH	CHSCH	Non-Mineralized	N-AML	220	0.08	<5	8			37	<20	0.16	<10	<10	72	<10		
E753958	K-08-0130	87.54	89.54	CHSCH	CHSCH	Non-Mineralized	N-AML	370	0.09	<5	12			37	<20	0.24	<10	<10	122	<10		
E753956	K-08-0130	83.53	85.55	CHSCH	CHSCH	Non-Mineralized	N-AML	380	0.16	<5	12			26	<20	0.21	<10	<10	108	<10		
E753957	K-08-0130	85.55	87.54	CHSCH	CHSCH	Non-Mineralized	N-AML	290	0.1	<5	10			30	<20	0.21	<10	<10	125	<10		
E754015	K-08-0134	91.74	93.63	CHSCH	CHSCH	Non-Mineralized	N-AML	310	0.18	<5	14			133	<20	0.22	<10	<10	107	<10		
E754017	K-08-0134	96.63	100.19	CHSCH	CHSCH	Non-Mineralized	N-AML	390	0.14	<5	13			44	<20	0.22	<10	<10	139	<10		
E777367	K-08-0142	37.61	40.5	CHSCH	CHSCH	Non-Mineralized	P-AML	420	0.11	<5	13			69	<20	0.25	<10	<10	125	<10		
E777369	K-08-0142	40.5	43.38	CHSCH	CHSCH	Non-Mineralized	N-AML	470	0.18	<5	22			146	<20	0.56	<10	<10	214	<10		
E603033	K-08-0151	76.45	78.45	CHSCH	CHSCH	Non-Mineralized	N-AML	290	0.16	5	13			50	<20	0.2	<10	<10	107	<10		
E603032	K-08-0151	74.29	76.45	CHSCH	CHSCH	Non-Mineralized	N-AML	310	0.04	<5	12			43	<20	0.21	<10	<10	101	<10		
E603030	K-08-0151	72.24	74.29	CHSCH	CHSCH	Non-Mineralized	N-AML	370	0.13	<5	12			98	<20	0.22	<10	<10	93	<10		
E603029	K-08-0151	70.27	72.24	CHSCH	CHSCH	Non-Mineralized	N-AML	350	0.08	<5	12			77	<20	0.22	<10	<10	99	<10		
E603028	K-08-0151	68.27	70.27	CHSCH	CHSCH	Non-Mineralized	N-AML	390	0.13	<5	13			75	<20	0.24	<10	<10	108	<10		
E603026	K-08-0151	64.27	66.26	CHSCH	CHSCH	Non-Mineralized	P-AML	380	0.14	<5	13			60	<20	0.25	<10	<10	141	<10		
E603027	K-08-0151	66.26	68.27	CHSCH	CHSCH	Non-Mineralized	P-AML	560	0.05	<5	13			64	<20	0.25	<10	<10	117	<10		
E754388	K-08-0153	63.7	66.7	CHSCH	CHSCH	Non-Mineralized	N-AML	370	0.19	<5	11			92	<20	0.24	<10	<10	103	<10		
E754383	K-08-0153	51.71	54.71	CHSCH	CHSCH	Non-Mineralized	P-AML	370	0.1	<5	11			58	<20	0.28	<10	<10	105	<10		
E754384	K-08-0153	54.71	57.71	CHSCH	CHSCH	Non-Mineralized	P-AML	470	0.16	7	12			70	<20	0.26	<10	<10	106	<10		
E754387	K-08-0153	60.71	63.7	CHSCH	CHSCH	Non-Mineralized	P-AML	640	0.08	<5	13			67	<20	0.28	<10	<10	120	<10		
E754389	K-08-0153	66.7	69.58	CHSCH	CHSCH	Non-Mineralized	N-AML	380	0.19	<5	13			59	<20	0.22	<10	<10	110	<10		
E754386	K-08-0153	57.71	60.71	CHSCH	CHSCH	Non-Mineralized	P-AML	380	0.12	<5	12			67	<20	0.25	<10	<10	99	<10		
E778136	K-08-0175	128.8	129.8	CHSCH	CHSCH	Non-Mineralized	N-AML	360	0.15	9	10			20	<20	0.2	<10	<10	95	<10		
E778137	K-08-0175	129.8	130.8	CHSCH	CHSCH	Non-Mineralized	N-AML	360	0.1	<5	12			17	<20	0.22	<10	<10	97	<10		
E778139	K-08-0175	130.8	131.19	CHSCH	CHSCH	Non-Mineralized	N-AML	370	0.64	<5	11			21	<20	0.22	<10	<10	99	<10		
E778140	K-08-0175	131.19	133.12	CHSCH	CHSCH	Non-Mineralized	N-AML	490	1.32	7	11			42	<20	0.16	<10	<10	111	<10		
E778184	K-08-0177	60.98	63.52	CHSCH	CHSCH	Non-Mineralized	N-AML	820	0.47	<5	14			213	<20	0.52	<10	<10	155	<10		
E778226	K-08-0177	127.08	128.43	CHSCH	CHSCH	Non-Mineralized	P-AML	410	0.12	<5	13			32	<20	0.25	<10	<10	115	<10		
E778230	K-08-0177	132.7	134	CHSCH	CHSCH	Non-Mineralized	N-AML	440	0.76	<5	4			98	<20	0.13	<10	<10	41	<10		
E778229	K-08-0177	131.37	132.7	CHSCH	CHSCH	Non-Mineralized	N-AML	570	0.47	<5	28			260	<20	0.78	<10	<10	271	<10		
E775033	K-10-0265	86.56	87.27	CHSCH	CHSCH	Non-Mineralized	N-AML	350	0.09	9	12			31	<20	0.23	<10	<10	102	<10		
E775035	K-10-0265	87.61	88.48	CHSCH	CHSCH	Non-Mineralized	N-AML	320	0.15	7	12			46	<20	0.21	<10	<10	103	<10		
E782319	K-10-0317	163.9	164.25	CHSCH	CHSCH	Non-Mineralized	N-AML	490	0.41	<5	17			111	<20	0.43	<10	<10	187	<10		
E776970	K-07-0123	152.65	154.24	CHSCH	CHSCH	Mineralized	P-AML	350	0.49	11	14			23	<20	0.21	<10	<10	101	<10		
E770261	K-08-0141	112.87	113.54	CHSCH	CHSCH	Mineralized	P-AML	720	0.93	13	21			7	<20	0.39	<10	<10	283	<10		
E777286	K-08-0138	86.12	89.2	CQTZT	CQTZT	Non-Mineralized	N-AML	290	0.19	<5	2			60	<20	0.11	<10	<10	25	<10		
E777288	K-08-0138	90.27	91.33	CQTZT	CQTZT	Non-Mineralized	N-AML	280	0.14	<5	1			162	<20	0.06	<10	<10	14	<10		
E000114	K-11-0324	35.61	37.74	BX	BX			290	0.02	7	3			21	<20	0.1	<10	<10	28	<10		
E000112	K-11-0324	34.65	35.61	BX	BX			220	0.03	7	1			8	<20	0.06	<10	<10	11	<10		
E777291	K-08-0138	92.2	95	CQTZT	CQTZT	Non-Mineralized	N-AML	260	0.11	<5	1			58	<20	0.07	<10	<10	13	<10		
E777292	K-08-0138	95	97.06	CQTZT	CQTZT	Non-Mineralized	N-AML	300	0.26	<5	2			62	<20	0.09	<10	<10	19	<10		
E601584	K-07-0116	50.98	52.99	CQTZT	CQTZT	Non-Mineralized	N-AML	290	0.16	<5	2			104	<20	0.08	<10	<10	20	<10		
E601580	K-07-0116	45.04	46.91	CQTZT	CQTZT	Non-Mineralized	N-AML	290	0.12	<5	2			109	<20	0.09	<10	<10	25	<10		
E601583	K-07-0116	48.99	50.98	CQTZT	CQTZT	Non-Mineralized	N-AML	390	0.14	<5	3			100	<20	0.1	10	<10	25	<10		
E601585	K-07-0116	52.99	55.03	CQTZT	CQTZT	Non-Mineralized	N-AML	310	0.13	<5	3			67	<20	0.11	<10	<10	27	<10		
E601586	K-07-0116	55.03	57.03	CQTZT	CQTZT	Non-Mineralized	N-AML	240	0.12	<5	1			57	<20	0.06	<10	<10	11	<10		
E601587	K-07-0116	57.03	59.07	CQTZT	CQTZT	Non-Mineralized	N-AML	380	0.28	<5	4			116	<20	0.15	<10	<10	43	<10		
E601581	K-07-0116	46.91	48.99	CQTZT	CQTZT	Non-Mineralized	N-AML	530	0.2	<5	4			113	<20	0.14	<10	<10	41	<10		
E777241	K-08-0129	235	237.44	CQTZT	CQTZT	Non-Mineralized	N-AML	340	0.33	<5	3			45	<20	0.12	<10	<10	31	<10		
E777240	K-08-0129	232.25	235	CQTZT	CQTZT	Non-Mineralized	N-AML	430	0.44	<5	3			40	<20	0.12	<10	<10	32	<10		
E777248	K-08-0129	252	255	CQTZT	CQTZT	Non-Mineralized	N-AML	120	0.11	<5	1			10	<20	0.07	<10	<10	7	<10		
E777250	K-08-0129	257.41	258.85	CQTZT	CQTZT	Non-Mineralized	N-AML	720	0.18	<5	3			47	<20	0.06	<10	<10	25	<10		
E777249	K-08-0129	255	257.41	CQTZT	CQTZT	Non-Mineralized	N-AML	320	0.31	<5	2			38	<20	0.1	10	<10	23	<10		
E777246	K-08-0129	249	252	CQTZT	CQTZT	Non-Mineralized	N-AML	300	0.17	<5	2			43	<20	0.08	<10	<10	18	<10		
E777245	K-08-0129	246.58	249	CQTZT	CQTZT	Non-Mineralized	N-AML	350	0.28	<5	2			55	<20	0.07	<10	<10	16	<10		
E770061	K-08-0135	58.4	61.4	CQTZT	CQTZT	Non-Mineralized	N-AML	450	0.24	<5	6			147	<20	0.17	<10	10	56	<10		
E602637	K-08-0136	17.68	20.73	CQTZT	CQTZT	Non-Mineralized	N-AML	430	0.07	<5	4			128	<20	0.14	<10	<10	39	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E602636	K-08-0136	14.63	17.68	CQTZT	CQTZT	Non-Mineralized	N-AML	240	0.07	<5	1			48	<20	0.05	<10	<10	10	<10		
E602640	K-08-0136	23.63	26.36	CQTZT	CQTZT	Non-Mineralized	N-AML	340	0.04	<5	2			75	<20	0.09	<10	<10	23	<10		
E602639	K-08-0136	20.73	23.63	CQTZT	CQTZT	Non-Mineralized	N-AML	450	0.11	<5	4			96	<20	0.15	<10	<10	43	<10		
E602643	K-08-0136	27.97	28.95	CQTZT	CQTZT	Non-Mineralized	N-AML	300	0.04	<5	3			30	<20	0.11	<10	<10	30	<10		
E602645	K-08-0136	31.45	33.67	CQTZT	CQTZT	Non-Mineralized	N-AML	470	0.08	<5	14			184	<20	0.47	<10	<10	142	<10		
E602647	K-08-0136	37.84	40	CQTZT	CQTZT	Non-Mineralized	N-AML	600	0.58	<5	12			83	<20	0.14	<10	<10	135	<10		
E602660	K-08-0136	67.03	69.7	CQTZT	CQTZT	Non-Mineralized	N-AML	420	0.36	<5	4			51	<20	0.16	<10	<10	45	<10		
E602659	K-08-0136	65.57	67.03	CQTZT	CQTZT	Non-Mineralized	N-AML	210	0.11	<5	2			17	<20	0.1	<10	<10	18	<10		
E602658	K-08-0136	63.4	65.57	CQTZT	CQTZT	Non-Mineralized	P-AML	680	0.22	<5	9			86	<20	0.3	<10	<10	90	<10		
E602656	K-08-0136	60.35	63.4	CQTZT	CQTZT	Non-Mineralized	N-AML	640	0.33	<5	9			172	<20	0.29	<10	<10	86	<10		
E602655	K-08-0136	57.3	60.35	CQTZT	CQTZT	Non-Mineralized	N-AML	600	0.22	<5	5			109	<20	0.18	<10	<10	48	<10		
E602654	K-08-0136	54.5	57.3	CQTZT	CQTZT	Non-Mineralized	N-AML	320	0.25	<5	3			96	<20	0.15	<10	<10	35	<10		
E602661	K-08-0136	69.7	72.7	CQTZT	CQTZT	Non-Mineralized	N-AML	360	0.44	<5	3			83	<20	0.14	<10	<10	33	<10		
E602663	K-08-0136	72.7	75.5	CQTZT	CQTZT	Non-Mineralized	N-AML	300	0.17	<5	3			50	<20	0.12	<10	<10	24	<10		
E602664	K-08-0136	75.5	77.41	CQTZT	CQTZT	Non-Mineralized	N-AML	410	0.18	<5	4			55	<20	0.14	<10	<10	36	<10		
E602666	K-08-0136	79.36	82.36	CQTZT	CQTZT	Non-Mineralized	N-AML	280	0.21	<5	2			119	<20	0.09	<10	<10	20	<10		
E602665	K-08-0136	77.41	79.36	CQTZT	CQTZT	Non-Mineralized	N-AML	330	0.1	<5	2			38	<20	0.1	<10	<10	21	<10		
E602667	K-08-0136	82.36	85.36	CQTZT	CQTZT	Non-Mineralized	N-AML	320	0.29	<5	2			108	<20	0.08	<10	<10	22	<10		
E602669	K-08-0136	85.36	88.36	CQTZT	CQTZT	Non-Mineralized	N-AML	500	0.24	<5	5			90	<20	0.18	<10	<10	53	<10		
E602670	K-08-0136	88.36	90.22	CQTZT	CQTZT	Non-Mineralized	N-AML	310	0.25	<5	5			138	<20	0.2	<10	<10	53	<10		
E602671	K-08-0136	90.22	91.85	CQTZT	CQTZT	Non-Mineralized	N-AML	480	0.33	<5	6			127	<20	0.22	<10	<10	58	<10		
E602677	K-08-0136	98.91	101.91	CQTZT	CQTZT	Non-Mineralized	N-AML	240	0.13	<5	1			22	<20	0.09	<10	<10	12	<10		
E602678	K-08-0136	101.91	103.81	CQTZT	CQTZT	Non-Mineralized	N-AML	270	0.14	<5	1			25	<20	0.09	<10	<10	15	<10		
E602676	K-08-0136	95.91	98.91	CQTZT	CQTZT	Non-Mineralized	N-AML	480	0.39	<5	5			79	<20	0.2	<10	<10	56	<10		
E777281	K-08-0138	78.42	80.64	CQTZT	CQTZT	Non-Mineralized	N-AML	290	0.15	<5	2			77	<20	0.07	<10	<10	18	<10		
E777283	K-08-0138	82.04	83.1	CQTZT	CQTZT	Non-Mineralized	N-AML	580	0.43	<5	3			106	<20	0.11	10	<10	33	<10		
E770143	K-08-0139	106.5	108.61	CQTZT	CQTZT	Non-Mineralized	N-AML	240	0.2	<5	2			22	<20	0.08	<10	<10	18	<10		
E770142	K-08-0139	105	106.5	CQTZT	CQTZT	Non-Mineralized	N-AML	290	0.24	<5	2			23	<20	0.07	<10	<10	18	<10		
E770159	K-08-0139	120.9	121.5	CQTZT	CQTZT	Non-Mineralized	N-AML	370	0.12	<5	1			28	<20	0.05	<10	<10	5	10		
E770161	K-08-0139	122.5	123.5	CQTZT	CQTZT	Non-Mineralized	N-AML	740	0.23	<5	2			17	<20	0.06	<10	<10	15	<10		
E770163	K-08-0139	126	128.47	CQTZT	CQTZT	Non-Mineralized	N-AML	660	0.4	<5	3			77	<20	0.09	<10	<10	23	<10		
E770162	K-08-0139	123.5	126	CQTZT	CQTZT	Non-Mineralized	N-AML	650	0.08	<5	1			37	<20	0.06	<10	<10	14	<10		
E770167	K-08-0139	131.5	133.33	CQTZT	CQTZT	Non-Mineralized	N-AML	430	0.42	<5	2			29	<20	0.1	<10	<10	23	<10		
E770166	K-08-0139	129.46	131.5	CQTZT	CQTZT	Non-Mineralized	N-AML	490	0.45	<5	2			40	<20	0.07	<10	<10	19	10		
E770186	K-08-0139	166.57	167.03	CQTZT	CQTZT	Non-Mineralized	N-AML	130	3.23	6	1			40	<20	0.04	<10	<10	7	10		
E754152	K-08-0140	122.8	125	CQTZT	CQTZT	Non-Mineralized	N-AML	260	0.19	<5	2			40	<20	0.12	<10	<10	24	10		
E754153	K-08-0140	125	128	CQTZT	CQTZT	Non-Mineralized	N-AML	310	0.32	<5	3			56	<20	0.14	<10	<10	34	10		
E754161	K-08-0140	146	149	CQTZT	CQTZT	Non-Mineralized	N-AML	290	0.29	<5	3			89	<20	0.15	<10	<10	36	<10		
E754154	K-08-0140	128	131	CQTZT	CQTZT	Non-Mineralized	N-AML	490	0.45	<5	4			55	<20	0.17	<10	<10	45	<10		
E754156	K-08-0140	131	134	CQTZT	CQTZT	Non-Mineralized	N-AML	190	0.33	<5	2			20	<20	0.1	<10	<10	18	<10		
E754157	K-08-0140	134	137	CQTZT	CQTZT	Non-Mineralized	N-AML	610	0.31	<5	3			46	<20	0.15	<10	<10	38	10		
E754158	K-08-0140	137	140	CQTZT	CQTZT	Non-Mineralized	N-AML	660	0.33	<5	5			97	<20	0.2	<10	<10	55	10		
E754159	K-08-0140	140	143	CQTZT	CQTZT	Non-Mineralized	N-AML	420	0.35	<5	4			88	<20	0.16	<10	<10	43	<10		
E754160	K-08-0140	143	146	CQTZT	CQTZT	Non-Mineralized	N-AML	340	0.56	<5	5			117	<20	0.18	<10	<10	56	10		
E754163	K-08-0140	149	151.25	CQTZT	CQTZT	Non-Mineralized	N-AML	430	1.09	<5	5			126	<20	0.2	10	<10	64	<10		
E777353	K-08-0142	12	15	CQTZT	CQTZT	Non-Mineralized	N-AML	440	0.06	<5	2			31	<20	0.11	<10	<10	26	<10		
E777354	K-08-0142	15	18	CQTZT	CQTZT	Non-Mineralized	N-AML	260	0.07	<5	1			21	<20	0.07	<10	<10	10	<10		
E777355	K-08-0142	18	19.68	CQTZT	CQTZT	Non-Mineralized	N-AML	270	0.07	<5	2			52	<20	0.09	<10	<10	21	<10		
E777350	K-08-0142	6	9	CQTZT	CQTZT	Non-Mineralized	N-AML	300	0.05	<5	5			42	<20	0.15	<10	<10	42	<10		
E777351	K-08-0142	9	12	CQTZT	CQTZT	Non-Mineralized	N-AML	320	0.05	<5	2			71	<20	0.08	<10	<10	20	<10		
E777358	K-08-0142	23.28	25.32	CQTZT	CQTZT	Non-Mineralized	N-AML	430	0.15	<5	8			128	<20	0.28	<10	<10	84	<10		
E777357	K-08-0142	20.73	23.28	CQTZT	CQTZT	Non-Mineralized	N-AML	310	0.1	<5	3			89	<20	0.11	<10	<10	28	<10		
E777360	K-08-0142	27.73	28.47	CQTZT	CQTZT	Mineralized	P-AML	280	0.09	<5	4			57	<20	0.15	<10	<10	48	<10		
E777362	K-08-0142	30.05	31.68	CQTZT	CQTZT	Non-Mineralized	N-AML	420	0.06	<5	5			80	<20	0.12	<10	<10	62	<10		
E777364	K-08-0142	31.68	33.04	CQTZT	CQTZT	Non-Mineralized	N-AML	430	0.13	<5	11			125	<20	0.32	<10	<10	115	<10		
E777365	K-08-0142	33.04	35.9	CQTZT	CQTZT	Non-Mineralized	N-AML	270	0.14	<5	4			68	<20	0.15	<10	<10	44	<10		
E777366	K-08-0142	35.9	37.61	CQTZT	CQTZT	Non-Mineralized	N-AML	240	0.23	<5	3			53	<20	0.11	<10	<10	44	<10		
E777370	K-08-0142	43.38	45.82	CQTZT	CQTZT	Non-Mineralized	N-AML	250	0.13	<5	2			33	<20	0.09	<10	<10	28	<10		
E777374	K-08-0142	51.19	54.18	CQTZT	CQTZT	Non-Mineralized	N-AML	280	0.2	<5	2			64	<20	0.08	<10	<10	25	<10		
E777375	K-08-0142	54.18	57.18	CQTZT	CQTZT	Non-Mineralized	N-AML	260	0.15	<5	2			38	<20	0.07	<10	<10	19	<10		
E777376	K-08-0142	57.18	60.18	CQTZT	CQTZT	Non-Mineralized	N-AML	290	0.11	<5	1			21	<20	0.07	<10	<10	13	<10		
E777378	K-08-0142	60.18	63.18	CQTZT	CQTZT	Non-Mineralized	N-AML	200	0.1	<5	1			18	<20	0.05	<10	<10	7	<10		
E777379	K-08-0142	63.18	66.38	CQTZT	CQTZT	Non-Mineralized	N-AML	340	0.15	<5	1			40	<20	0.07	<10	<10	16	<10		
E777380	K-08-0142	66.38	67.7	CQTZT	CQTZT	Non-Mineralized	N-AML	620	0.18	<5	8			149	<20	0.27	<10	<10	90	<10		
E777381	K-08-0142	67.7	70.16	CQTZT	CQTZT	Non-Mineralized	N-AML	270	0.17	<5	2			64	<20	0.08	<10	<10	17	<10		
E777391	K-08-0142	86.67	88.8	CQTZT	CQTZT	Non-Mineralized	N-AML	380	0.25	<5	2			47	<20	0.1	<10	<10	26	<10		
E777389	K-08-0142	81.59	84	CQTZT	CQTZT	Non-Mineralized	N-AML	380	0.21	<5	3			43	<20	0.14	<10	<10	37	<10		
E777386	K-08-0142	77.18	79.02	CQTZT	CQTZT	Non-Mineralized	N-AML	280	0.19	<5	2			33	<20	0.09	10	<10	19	<10		
E777390	K-08-0142	84	86.67	CQTZT	CQTZT	Non-Mineralized	N-AML	370	0.23	5	2			69	<20	0.1	10	<10	26	<10		
E777388	K-08-0142	79.02	81.59	CQTZT	CQTZT	Non-Mineralized	N-AML	430	0.35	<5	4			109	<20	0.16	<10	<10	43	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E777410	K-08-0142	117.97	120.73	CQTZT	CQTZT	Non-Mineralized	N-AML	630	0.32	<5	3			57	<20	0.13	<10	<10	28	<10		
E777417	K-08-0142	131.35	133.5	CQTZT	CQTZT	Non-Mineralized	N-AML	250	0.2	<5	3			25	<20	0.15	<10	<10	35	<10		
E777414	K-08-0142	125.54	128.02	CQTZT	CQTZT	Non-Mineralized	N-AML	420	0.28	<5	4			48	<20	0.16	<10	<10	46	<10		
E777412	K-08-0142	122.81	125.54	CQTZT	CQTZT	Non-Mineralized	P-AML	710	0.54	<5	7			79	<20	0.27	<10	<10	81	<10		
E777411	K-08-0142	120.73	122.81	CQTZT	CQTZT	Non-Mineralized	N-AML	600	0.37	<5	6			88	<20	0.22	10	<10	64	<10		
E602811	K-08-0144	11.58	14.63	CQTZT	CQTZT	Non-Mineralized	N-AML	600	0.08	<5	4			63	<20	0.15	<10	<10	43	<10		
E602814	K-08-0144	20.73	23.3	CQTZT	CQTZT	Non-Mineralized	N-AML	420	0.18	<5	3			111	<20	0.14	<10	<10	40	<10		
E602812	K-08-0144	14.63	17.68	CQTZT	CQTZT	Non-Mineralized	N-AML	280	0.06	<5	1			15	<20	0.06	<10	<10	9	<10		
E602809	K-08-0144	8.53	11.58	CQTZT	CQTZT	Non-Mineralized	N-AML	320	0.07	<5	2			64	<20	0.07	<10	<10	18	<10		
E602808	K-08-0144	4.57	8.53	CQTZT	CQTZT	Non-Mineralized	N-AML	700	0.04	5	13			129	<20	0.28	<10	<10	123	<10		
E602813	K-08-0144	17.68	20.73	CQTZT	CQTZT	Non-Mineralized	N-AML	540	0.1	<5	4			103	<20	0.16	<10	<10	48	<10		
E602819	K-08-0144	32.92	35.4	CQTZT	CQTZT	Non-Mineralized	N-AML	370	0.19	<5	7			89	<20	0.23	<10	<10	78	<10		
E602818	K-08-0144	29.87	32.92	CQTZT	CQTZT	Non-Mineralized	N-AML	230	0.13	<5	3			53	<20	0.11	<10	<10	31	<10		
E602817	K-08-0144	26.1	29.87	CQTZT	CQTZT	Non-Mineralized	N-AML	360	0.05	5	7			44	<20	0.15	<10	<10	63	<10		
E602834	K-08-0144	63.4	66.45	CQTZT	CQTZT	Non-Mineralized	N-AML	330	0.15	<5	3			112	<20	0.09	<10	<10	24	<10		
E602827	K-08-0144	48.16	51.21	CQTZT	CQTZT	Non-Mineralized	N-AML	280	0.22	<5	2			81	<20	0.08	<10	<10	22	<10		
E602828	K-08-0144	51.21	54.25	CQTZT	CQTZT	Non-Mineralized	N-AML	410	0.15	<5	4			107	<20	0.14	10	<10	41	<10		
E602830	K-08-0144	54.25	57.3	CQTZT	CQTZT	Non-Mineralized	N-AML	440	0.13	5	2			41	<20	0.1	10	<10	20	<10		
E602831	K-08-0144	57.3	58.94	CQTZT	CQTZT	Non-Mineralized	N-AML	540	0.37	<5	5			85	<20	0.17	10	<10	49	<10		
E602833	K-08-0144	60.87	63.4	CQTZT	CQTZT	Non-Mineralized	N-AML	480	0.35	<5	5			102	<20	0.17	<10	<10	52	<10		
E602835	K-08-0144	66.45	69.49	CQTZT	CQTZT	Non-Mineralized	N-AML	600	0.3	<5	7			101	<20	0.24	<10	<10	77	<10		
E602832	K-08-0144	58.94	60.87	CQTZT	CQTZT	Non-Mineralized	N-AML	1070	0.31	<5	16			222	20	0.39	<10	<10	152	<10		
E602836	K-08-0144	69.49	72.54	CQTZT	CQTZT	Non-Mineralized	N-AML	410	0.44	<5	7			56	<20	0.22	<10	<10	74	<10		
E602851	K-08-0144	105	106.07	CQTZT	CQTZT	Non-Mineralized	N-AML	800	1.34	5	8			78	<20	0.2	10	<10	81	<10		
E602869	K-08-0144	133.5	136.55	CQTZT	CQTZT	Non-Mineralized	N-AML	300	8.04	24	3			6	<20	0.08	<10	<10	32	<10		
E602848	K-08-0144	99.97	103.02	CQTZT	CQTZT	Non-Mineralized	N-AML	250	0.17	<5	2			17	<20	0.07	<10	<10	21	<10		
E602862	K-08-0144	124.36	127.41	CQTZT	CQTZT	Non-Mineralized	N-AML	630	0.38	<5	1			18	<20	0.06	<10	<10	11	<10		
E602863	K-08-0144	127.41	128.24	CQTZT	CQTZT	Non-Mineralized	N-AML	330	0.87	5	5			50	<20	0.16	<10	<10	61	<10		
E602865	K-08-0144	128.24	130.45	CQTZT	CQTZT	Non-Mineralized	N-AML	570	1.48	<5	7			80	<20	0.22	10	<10	82	<10		
E602860	K-08-0144	118.26	121.31	CQTZT	CQTZT	Non-Mineralized	N-AML	700	0.5	6	7			113	<20	0.21	<10	<10	72	<10		
E602868	K-08-0144	132.95	133.5	CQTZT	CQTZT	Non-Mineralized	N-AML	310	3.97	688	1			2	<20	0.04	<10	<10	13	<10		
E602859	K-08-0144	115.21	118.26	CQTZT	CQTZT	Non-Mineralized	N-AML	220	0.16	<5	1			9	<20	0.07	<10	<10	12	<10		
E602873	K-08-0144	142	142.64	CQTZT	CQTZT	Non-Mineralized	N-AML	180	0.27	52	1			3	<20	0.05	10	<10	14	<10		
E602874	K-08-0144	142.64	144.14	CQTZT	CQTZT	Non-Mineralized	N-AML	240	0.83	26	1			2	<20	0.09	10	<10	12	<10		
E602875	K-08-0144	144.14	145.69	CQTZT	CQTZT	Non-Mineralized	N-AML	240	0.73	34	1			3	<20	0.07	<10	<10	12	<10		
E602876	K-08-0144	145.69	148.74	CQTZT	CQTZT	Non-Mineralized	N-AML	150	0.11	11	1			3	<20	0.08	10	<10	8	<10		
E602847	K-08-0144	96.93	99.97	CQTZT	CQTZT	Non-Mineralized	N-AML	940	0.55	<5	9			101	<20	0.26	<10	<10	93	<10		
E602839	K-08-0144	75.59	78.64	CQTZT	CQTZT	Non-Mineralized	N-AML	300	0.21	<5	3			50	<20	0.12	<10	<10	27	<10		
E602840	K-08-0144	78.64	81.69	CQTZT	CQTZT	Non-Mineralized	N-AML	280	0.12	<5	1			39	<20	0.07	<10	<10	15	<10		
E602841	K-08-0144	81.69	84.73	CQTZT	CQTZT	Non-Mineralized	N-AML	440	0.5	<5	4			131	<20	0.15	<10	<10	44	<10		
E602842	K-08-0144	84.73	87.78	CQTZT	CQTZT	Non-Mineralized	N-AML	250	0.25	<5	1			84	<20	0.06	<10	<10	16	<10		
E602843	K-08-0144	87.78	90.83	CQTZT	CQTZT	Non-Mineralized	N-AML	530	0.4	<5	6			139	<20	0.21	<10	<10	64	<10		
E602861	K-08-0144	121.31	124.36	CQTZT	CQTZT	Non-Mineralized	N-AML	510	0.67	<5	5			79	<20	0.19	<10	<10	54	<10		
E602846	K-08-0144	93.88	96.93	CQTZT	CQTZT	Non-Mineralized	N-AML	500	0.43	<5	7			154	<20	0.23	<10	<10	73	10		
E602838	K-08-0144	72.54	75.59	CQTZT	CQTZT	Non-Mineralized	N-AML	380	0.33	<5	3			81	<20	0.11	<10	<10	31	<10		
E602850	K-08-0144	103.02	105	CQTZT	CQTZT	Non-Mineralized	N-AML	390	0.23	8	4			72	<20	0.14	<10	<10	40	<10		
E602852	K-08-0144	106.07	108.48	CQTZT	CQTZT	Non-Mineralized	N-AML	200	0.18	6	1			10	<20	0.03	<10	<10	6	<10		
E602853	K-08-0144	108.48	109.02	CQTZT	CQTZT	Non-Mineralized	N-AML	230	0.4	<5	1			5	<20	0.06	<10	<10	13	10		
E602855	K-08-0144	109.75	112.16	CQTZT	CQTZT	Non-Mineralized	N-AML	150	0.28	<5	1			10	<20	0.09	<10	<10	13	<10		
E602857	K-08-0144	112.16	113.5	CQTZT	CQTZT	Non-Mineralized	N-AML	370	0.58	<5	4			34	<20	0.15	<10	<10	48	<10		
E602858	K-08-0144	113.5	115.21	CQTZT	CQTZT	Non-Mineralized	N-AML	180	0.19	<5	1			9	<20	0.07	<10	<10	13	<10		
E602845	K-08-0144	90.83	93.88	CQTZT	CQTZT	Non-Mineralized	N-AML	520	0.42	5	8			196	<20	0.26	<10	<10	79	<10		
E777428	K-08-0146	82.25	84.06	CQTZT	CQTZT	Non-Mineralized	N-AML	210	0.15	<5	1			68	<20	0.07	<10	<10	13	<10		
E777424	K-08-0146	73.22	76.22	CQTZT	CQTZT	Non-Mineralized	N-AML	300	0.19	<5	1			25	<20	0.08	<10	<10	15	<10		
E777427	K-08-0146	79.25	82.25	CQTZT	CQTZT	Non-Mineralized	N-AML	310	0.19	<5	2			46	<20	0.1	<10	<10	26	10		
E777425	K-08-0146	76.22	79.25	CQTZT	CQTZT	Non-Mineralized	N-AML	310	0.22	<5	3			68	<20	0.11	<10	<10	27	<10		
E603006	K-08-0151	32.26	34.22	CQTZT	CQTZT	Non-Mineralized	N-AML	560	0.16	<5	3			116	<20	0.12	<10	<10	40	<10		
E603009	K-08-0151	36.22	38.4	CQTZT	CQTZT	Non-Mineralized	N-AML	560	0.19	<5	3			119	<20	0.12	<10	<10	37	<10		
E603010	K-08-0151	38.4	40.37	CQTZT	CQTZT	Non-Mineralized	N-AML	260	0.08	<5	2			42	<20	0.08	<10	<10	17	<10		
E603011	K-08-0151	40.37	42.37	CQTZT	CQTZT	Non-Mineralized	N-AML	340	0.15	<5	2			45	<20	0.08	<10	<10	20	<10		
E603008	K-08-0151	34.22	36.22	CQTZT	CQTZT	Non-Mineralized	N-AML	400	0.12	<5	3			94	<20	0.1	<10	<10	27	<10		
E603016	K-08-0151	48.38	50.23	CQTZT	CQTZT	Non-Mineralized	N-AML	530	0.33	<5	4			139	<20	0.17	<10	<10	54	<10		
E603015	K-08-0151	46.32	48.38	CQTZT	CQTZT	Non-Mineralized	N-AML	290	0.14	<5	2			69	<20	0.09	<10	<10	22	<10		
E603014	K-08-0151	44.38	46.32	CQTZT	CQTZT	Non-Mineralized	N-AML	350	0.18	<5	3			76	<20	0.13	<10	<10	33	<10		
E603013	K-08-0151	42.37	44.38	CQTZT	CQTZT	Non-Mineralized	N-AML	300	0.11	<5	1			65	<20	0.05	<10	<10	12	<10		
E777478	K-08-0152	153	156	CQTZT	CQTZT	Non-Mineralized	N-AML	340	0.25	<5	4			86	<20	0.15	<10	<10	39	<10		
E777479	K-08-0152	156	159	CQTZT	CQTZT	Non-Mineralized	N-AML	360	0.45	<5	4			94	<20	0.16	<10	<10	43	<10		
E777480	K-08-0152	159	162	CQTZT	CQTZT	Non-Mineralized	N-AML	540	0.54	5	6			125	<20	0.22	<10	<10	75	<10		
E777481	K-08-0152	162	164	CQTZT	CQTZT	Non-Mineralized	N-AML	270	0.19	<5	3			28	<20	0.11	<10	<10	27	10		
E777482	K-08-0152	164	165.5	CQTZT	CQTZT	Non-Mineralized	N-AML	210	0.26	<5	2			21	<20	0.08	<10	<10	20	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E777483	K-08-0152	165.5	166.88	CQTZT	CQTZT	Non-Mineralized	P-AML	790	0.87	<5	12			160	<20	0.39	<10	<10	136	<10		
E777477	K-08-0152	150	153	CQTZT	CQTZT	Non-Mineralized	N-AML	500	0.19	<5	6			115	<20	0.21	<10	<10	61	<10		
E778083	K-08-0175	41.4	44	CQTZT	CQTZT	Non-Mineralized	N-AML	230	0.07	<5	2			94	<20	0.1	<10	<10	23	<10		
E778084	K-08-0175	44	46.6	CQTZT	CQTZT	Non-Mineralized	N-AML	270	0.11	5	2			110	<20	0.12	<10	<10	25	<10		
E778152	K-08-0175	145	148.09	CQTZT	CQTZT	Non-Mineralized	N-AML	410	0.4	<5	3			128	<20	0.11	<10	<10	31	<10		
E774934	K-10-0322	182.45	184.11	CQTZT	CQTZT	Non-Mineralized	N-AML	460	0.1	<5	1			46	<20	0.04	<10	<10	10	<10		
E774930	K-10-0322	178.83	179.83	CQTZT	CQTZT	Non-Mineralized	N-AML	420	0.18	<5	5			44	<20	0.17	<10	<10	46	<10		
E774933	K-10-0322	181.7	182.45	CQTZT	CQTZT	Non-Mineralized	N-AML	670	0.42	<5	2			61	<20	0.06	<10	<10	19	<10		
E774932	K-10-0322	179.83	181.7	CQTZT	CQTZT	Non-Mineralized	N-AML	810	0.17	<5	2			56	<20	0.06	<10	<10	16	<10		
E777394	K-08-0142	94	96.93	CQTZT	CQTZT	Mineralized	P-AML	340	0.31	5	3			69	<20	0.12	<10	<10	33	<10		
E777393	K-08-0142	91.1	94	CQTZT	CQTZT	Mineralized	P-AML	240	0.21	<5	2			48	<20	0.08	10	<10	17	<10		
E777416	K-08-0142	129.5	131.35	CQTZT	CQTZT	Mineralized	P-AML	550	0.18	<5	4			62	<20	0.17	<10	<10	43	<10		
E777415	K-08-0142	128.02	129.5	CQTZT	CQTZT	Mineralized	P-AML	1030	0.72	7	14			194	<20	0.49	<10	<10	161	<10		
E602866	K-08-0144	130.45	132.3	CQTZT	CQTZT	Mineralized	P-AML	410	2.54	73	7			30	<20	0.2	<10	<10	71	<10		
E602870	K-08-0144	136.55	139.6	CQTZT	CQTZT	Mineralized	P-AML	100	10	189	2			4	<20	0.04	10	<10	16	30		
E602872	K-08-0144	139.6	142	CQTZT	CQTZT	Mineralized	P-AML	560	5.29	243	6			23	<20	0.17	20	<10	65	20		
E602867	K-08-0144	132.3	132.95	CQTZT	CQTZT	Mineralized	P-AML	90	1.58	60	2			4	<20	0.02	<10	<10	10	20		
E602854	K-08-0144	109.02	109.75	CQTZT	CQTZT	Mineralized	P-AML	140	0.16	<5	1			8	<20	0.05	<10	<10	11	<10		
E778151	K-08-0175	142.14	145	CQTZT	CQTZT	Mineralized	P-AML	410	0.65	<5	6			79	<20	0.14	<10	<10	58	<10		
E770069	K-08-0135	77.5	79.07	CSCH	CSCH	Non-Mineralized		570	0.51	<5	8			168	<20	0.28	<10	<10	80	<10		
E777293	K-08-0138	97.06	98.25	CSCH	CSCH	Non-Mineralized		480	0.37	<5	4			112	<20	0.18	<10	<10	53	<10		
E601594	K-07-0116	67.06	68.85	CSCH	CSCH	Non-Mineralized		330	0.24	<5	13			60	<20	0.23	10	<10	102	<10		
E601595	K-07-0116	68.85	70.9	CSCH	CSCH	Non-Mineralized		310	1.15	8	11			111	<20	0.2	<10	<10	90	<10		
E601596	K-07-0116	70.9	72.42	CSCH	CSCH	Non-Mineralized		390	0.1	<5	13			67	<20	0.26	<10	<10	99	<10		
E601597	K-07-0116	72.42	74.35	CSCH	CSCH	Non-Mineralized		360	0.44	14	12			85	<20	0.27	<10	<10	111	<10		
E777196	K-08-0129	164.78	168.32	CSCH	CSCH	Non-Mineralized		760	0.01	<5	18			110	<20	0.42	<10	<10	245	<10		
E603157	K-08-0157	23	26	CSCH	CSCH	Non-Mineralized		650	0.04	<5	11			148	<20	0.33	<10	<10	103	<10		
E603158	K-08-0157	26	28	CSCH	CSCH	Non-Mineralized		560	0.05	<5	8			138	<20	0.24	<10	<10	73	<10		
E603155	K-08-0157	20	23	CSCH	CSCH	Non-Mineralized		430	0.06	<5	6			77	<20	0.18	<10	<10	54	<10		
E603152	K-08-0157	14.75	17	CSCH	CSCH	Non-Mineralized		340	0.07	<5	5			56	<20	0.15	<10	<10	44	<10		
E603154	K-08-0157	17	20	CSCH	CSCH	Non-Mineralized		570	0.04	<5	8			99	<20	0.24	<10	<10	77	<10		
E603159	K-08-0157	28	30.65	CSCH	CSCH	Non-Mineralized		530	0.06	<5	6			171	<20	0.2	<10	<10	60	<10		
E773885	K-10-0314	112.96	113.35	CSCH	CSCH	Non-Mineralized		940	0.51	21	17			51	<20	0.51	<10	<10	230	<10		
E773897	K-10-0314	121.25	122.08	CSCH	CSCH	Non-Mineralized		670	0.11	<5	15			73	<20	0.3	<10	<10	208	<10		
E773896	K-10-0314	120.49	121.25	CSCH	CSCH	Non-Mineralized		700	0.18	8	25			69	<20	0.67	<10	<10	270	<10		
E773898	K-10-0314	122.08	122.95	CSCH	CSCH	Non-Mineralized		670	0.07	5	16			40	<20	0.36	<10	<10	218	<10		
E773899	K-10-0314	122.95	123.87	CSCH	CSCH	Non-Mineralized		720	0.01	<5	16			44	<20	0.39	<10	<10	230	<10		
E773900	K-10-0314	123.87	124.84	CSCH	CSCH	Non-Mineralized		710	0.02	<5	17			25	<20	0.64	<10	<10	264	10		
E778224	K-08-0177	123.36	125.36	CSCH	CSCH	Mineralized		580	0.25	<5	4			115	<20	0.17	<10	<10	49	10		
E601589	K-07-0116	61.06	63.03	GNST	GNST	Non-Mineralized	N-AML	510	0.03	<5	34			253	<20	0.82	<10	10	303	<10		
E601777	K-07-0118	81.25	83.29	GNST	GNST	Non-Mineralized	N-AML	640	0.03	8	33			279	<20	1	<10	<10	333	<10		
E601773	K-07-0118	76.91	78.74	GNST	GNST	Non-Mineralized	N-AML	490	0.02	<5	35			189	<20	0.82	<10	<10	301	<10		
E770072	K-08-0135	84.78	87.8	GNST	GNST	Non-Mineralized	N-AML	600	0.04	<5	34			224	<20	0.92	<10	10	313	<10		
E770075	K-08-0135	88.5	91.14	GNST	GNST	Non-Mineralized	N-AML	660	0.05	<5	36			240	<20	1.02	<10	10	341	<10		
E770074	K-08-0135	87.8	88.5	GNST	GNST	Non-Mineralized	N-AML	580	0.02	<5	36			248	<20	0.92	<10	10	322	<10		
E751633	K-07-0069	201.1	202.69	GNST	GNST	Non-Mineralized	N-AML	1000	0.18	10	32			277	<20	0.99	<10	<10	297	<10		
E599905	K-07-0072	203.2	204.45	GNST	GNST	Non-Mineralized	N-AML	690	0.23	7	31			325	<20	0.93	<10	10	287	<10		
E777296	K-08-0138	101	103.98	GNST	GNST	Non-Mineralized	N-AML	570	0.04	<5	31			161	<20	0.82	10	10	303	10		
E777295	K-08-0138	98.25	101	GNST	GNST	Non-Mineralized	N-AML	570	0.04	<5	35			241	<20	0.89	<10	<10	317	<10		
E601588	K-07-0116	59.07	61.06	GNST	GNST	Non-Mineralized	N-AML	510	0.02	<5	35			234	<20	0.86	<10	<10	305	<10		
E601591	K-07-0116	63.03	64.31	GNST	GNST	Mineralized	P-AML	680	0.06	<5	35			275	<20	1.14	<10	<10	375	<10		
E601780	K-07-0118	85.29	85.63	GNST	GNST	Non-Mineralized	N-AML	600	0.08	6	31			134	<20	0.9	<10	<10	290	<10		
E601775	K-07-0118	78.74	79.24	GNST	GNST	Non-Mineralized	N-AML	480	0.12	<5	35			192	<20	0.81	<10	<10	300	<10		
E601776	K-07-0118	79.24	81.25	GNST	GNST	Non-Mineralized	N-AML	470	0.02	<5	36			224	<20	0.82	<10	10	304	<10		
E601778	K-07-0118	83.29	85.29	GNST	GNST	Non-Mineralized	N-AML	700	0.06	5	35			235	<20	1.19	10	<10	386	<10		
E753658	K-07-0120	186.4	188.4	GNST	GNST	Non-Mineralized	N-AML	1030	0.35	<5	26			118	<20	1.27	<10	<10	290	<10		
E753659	K-07-0120	188.4	190.78	GNST	GNST	Non-Mineralized	N-AML	900	0.11	<5	33			279	<20	1.15	<10	<10	336	<10		
E753668	K-07-0120	204.65	206.05	GNST	GNST	Non-Mineralized	N-AML	730	0.1	<5	32			303	<20	0.98	<10	<10	315	<10		
E753682	K-07-0120	228.25	229.43	GNST	GNST	Mineralized	P-AML	700	0.16	<5	27			209	<20	0.93	<10	<10	270	<10		
E776825	K-07-0121	24.53	26.11	GNST	GNST	Non-Mineralized	N-AML	740	0.01	<5	33			189	<20	1	<10	<10	324	<10		
E776824	K-07-0121	22.48	24.53	GNST	GNST	Non-Mineralized	N-AML	820	0.03	5	36			230	<20	1.35	<10	<10	464	<10		
E776816	K-07-0121	10.55	12.52	GNST	GNST	Mineralized	P-AML	520	0.02	8	40			241	<20	0.79	<10	<10	309	<10		
E776822	K-07-0121	20.5	22.48	GNST	GNST	Mineralized	P-AML	670	0.01	5	33			226	<20	1.01	<10	<10	335	<10		
E776815	K-07-0121	8.55	10.55	GNST	GNST	Non-Mineralized	N-AML	510	<0.01	<5	37			207	<20	0.75	<10	<10	293	<10		
E776817	K-07-0121	12.52	14.5	GNST	GNST	Mineralized	P-AML	440	0.01	5	38			194	<20	0.68	<10	<10	284	<10		
E776818	K-07-0121	14.5	16.49	GNST	GNST	Mineralized	P-AML	490	0.01	11	37			204	<20	0.75	<10	<10	292	<10		
E776820	K-07-0121	16.49	18.46	GNST	GNST	Mineralized	P-AML	520	0.01	<5	33			222	<20	0.8	10	<10	283	<10		
E776821	K-07-0121	18.46	20.5	GNST	GNST	Mineralized	P-AML	570	0.01	<5	31			236	<20	0.87	<10	<10	292	<10		
E776814	K-07-0121	6.5	8.55	GNST	GNST	Non-Mineralized	N-AML	530	0.01	7	36			231	<20	0.79	<10	<10	294	<10		
E776891	K-07-0121	123.7	125.69	GNST	GNST	Non-Mineralized	N-AML	520	0.17	10	36			153	<20	0.84	10	<10	317	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E776894	K-07-0121	129.11	130.14	GNST	GNST	Non-Mineralized	N-AML	540	0.12	<5	32			285	<20	0.83	<10	<10	303	<10		
E776893	K-07-0121	127.8	129.11	GNST	GNST	Non-Mineralized	N-AML	470	0.02	<5	36			220	<20	0.76	10	10	302	<10		
E776892	K-07-0121	125.69	127.8	GNST	GNST	Non-Mineralized	N-AML	560	0.03	<5	34			259	<20	0.85	10	<10	310	<10		
E776889	K-07-0121	121.64	123.7	GNST	GNST	Non-Mineralized	N-AML	530	0.06	8	31			199	<20	0.79	<10	<10	285	<10		
E776948	K-07-0121	185.42	185.91	GNST	GNST	Non-Mineralized	N-AML	380	1.72	<5	11			87	<20	0.31	<10	<10	104	10		
E757084a	K-10-0251	80.34	81.5	FLT	FLT			680	0.12	34.5	9.3	2	65.9	73.5	8.5	0.261	2.3	2.1	87	3.4	4.7	43.9
E757085a	K-10-0251	81.5	82.3	FLT	FLT			500	0.07	14.8	3.5	3	10	36.6	5.1	0.136	0.99	1.1	40	2.8	2.9	28.9
E757125	K-10-0253	32.38	35.12	FLT	FLT			408	0.088	3	2	<10	<5	46	<5	0.02	<5	<5	15.3	<1	4	15
E773854	K-10-0314	91.49	92.22	FLT	FLT			610	0.06	129.5	3.4	1	33.4	10.6	3.3	0.087	0.62	1	42	3.6	3.8	26.2
E773868	K-10-0314	102.04	102.6	FLT	FLT			910	0.25	17	24			28	<20	0.93	<10	<10	296	<10		
E773871	K-10-0314	103.28	103.54	FLT	FLT			1010	0.13	10	14			30	<20	0.48	<10	<10	156	<10		
E773887	K-10-0314	113.68	114.4	FLT	FLT			60	0.18	<5	2			5	<20	0.12	<10	<10	13	<10		
E773888	K-10-0314	114.4	115.82	FLT	FLT			520	0.06	6	8			83	<20	0.28	<10	<10	80	<10		
E773895	K-10-0314	119.6	120.49	FLT	FLT			390	0.58	15	9			63	<20	0.26	<10	<10	127	<10		
E773901	K-10-0314	124.84	126.49	FLT	FLT			190	0.07	5	4			4	<20	0.23	<10	<10	62	<10		
E773902	K-10-0314	126.49	128.02	FLT	FLT			60	0.08	<5	1			2	<20	0.05	<10	<10	14	10		
E773903	K-10-0314	128.02	130.45	FLT	FLT			90	0.08	<5	1			4	<20	0.08	<10	<10	15	130		
E773912	K-10-0314	137.4	140.21	FLT	FLT			640	1.05	6	8			23	<20	0.27	<10	<10	91	<10		
E773817	K-10-0306	91.92	92.02	FLT	FLT			370	0.07	8.47	3.6	1	22.3	15.4	4.4	0.11	0.73	1	33	2.7	4.6	24.7
E774673	K-10-0309	104.39	105.62	FLT	FLT			620	0.44	22.8	11.2	2	33.5	101	12	0.251	2.49	2.7	102	4.5	8.4	46.5
E782302	K-10-0316	34.3	35.66	FLT	FLT			570	0.03	24	5			59	<20	0.13	<10	<10	59	<10		
E782305	K-10-0316	56.3	58.4	FLT	FLT			50	<0.01	<5	1			4	<20	0.06	<10	<10	6	<10		
E782310	K-10-0317	26.2	27.42	FLT	FLT			740	0.02	26	8			76	<20	0.22	<10	<10	66	<10		
E782321	K-10-0317	165.04	166.12	FLT	FLT			430	1.16	<5	12			83	<20	0.32	<10	<10	117	<10		
E782323	K-10-0317	175.66	176.85	FLT	FLT			70	0.19	<5	1			3	<20	0.08	<10	<10	6	<10		
E782325	K-10-0317	178.64	181.36	FLT	FLT			160	0.54	<5	2			27	<20	0.1	<10	<10	24	<10		
E774757	K-10-0318	158.56	158.83	FLT	FLT			350	0.19	<5	4			21	<20	0.17	<10	<10	45	<10		
E774758	K-10-0318	158.83	159.84	FLT	FLT			550	1.33	<5	8			126	<20	0.29	<10	<10	81	10		
E774759	K-10-0318	174.48	176.04	FLT	FLT			360	0.31	<5	3			16	<20	0.16	<10	<10	33	<10		
E774764	K-10-0318	231.99	232.6	FLT	FLT			160	0.27	15	1			5	<20	0.05	<10	<10	15	<10		
E774904	K-10-0322	132.43	132.66	FLT	FLT			1190	0.17	14	14			163	20	0.52	<10	<10	182	10		
E774909	K-10-0322	137.54	138.04	FLT	FLT			390	0.56	<5	15			131	<20	0.5	<10	<10	253	<10		
E774914	K-10-0322	156.62	157.5	FLT	FLT			580	0.26	<5	4			33	<20	0.19	<10	<10	41	<10		
E774915	K-10-0322	157.5	158.64	FLT	FLT			340	0.11	<5	2			10	<20	0.1	<10	<10	16	<10		
E774917	K-10-0322	158.64	160.33	FLT	FLT			180	0.08	<5	1			3	<20	0.07	<10	<10	6	<10		
E774918	K-10-0322	160.33	161.54	FLT	FLT			250	0.06	<5	1			3	<20	0.07	<10	<10	6	<10		
E774919	K-10-0322	161.54	162.51	FLT	FLT			2110	0.87	5	7			94	<20	0.21	<10	<10	70	<10		
E774929	K-10-0322	178.3	178.83	FLT	FLT			410	0.08	<5	1			34	<20	0.04	<10	<10	9	<10		
E774935	K-10-0322	184.11	184.32	FLT	FLT			820	0.71	11	16			119	20	0.5	<10	<10	162	<10		
E000118	K-11-0324	40.7	41.54	FLT	FLT			390	0.03	22	6			37	<20	0.15	<10	<10	60	10		
E000120	K-11-0324	42.6	43.19	FLT	FLT			180	0.07	275	4			10	<20	0.03	<10	<10	14	<10		
E004081	K-11-0329	73.38	73.93	FLT	FLT			1030	0.04	12	15			134	20	0.35	10	<10	146	50		
E000127	K-11-0339	91.89	92.96	FLT	FLT			970	0.92	9	14			112	<20	0.33	<10	<10	128	10		
E776947	K-07-0121	184.07	185.42	GNST	GNST	Non-Mineralized	N-AML	800	0.26	<5	33			393	<20	1	<10	<10	352	<10		
E776946	K-07-0121	182.73	184.07	GNST	GNST	Non-Mineralized	N-AML	540	1.3	<5	13			103	<20	0.47	<10	<10	145	<10		
E602139	K-07-0122	20.15	22.15	GNST	GNST	Non-Mineralized	N-AML	790	0.01	13	34			231	<20	1.24	<10	<10	424	<10		
E602133	K-07-0122	10.2	12.17	GNST	GNST	Non-Mineralized	N-AML	140	0.17	<5	6			145	<20	0.2	<10	<10	44	<10		
E602132	K-07-0122	8.16	10.2	GNST	GNST	Non-Mineralized	N-AML	210	0.1	5	9			812	20	0.2	10	<10	45	<10		
E602134	K-07-0122	12.17	14.18	GNST	GNST	Mineralized	P-AML	220	<0.01	5	17			81	<20	0.33	<10	<10	142	<10		
E602135	K-07-0122	14.18	16.25	GNST	GNST	Mineralized	P-AML	220	<0.01	5	16			80	<20	0.35	<10	<10	141	<10		
E602138	K-07-0122	18.15	20.15	GNST	GNST	Mineralized	P-AML	590	0.01	<5	30			231	<20	0.84	<10	10	287	<10		
E602140	K-07-0122	22.15	23.81	GNST	GNST	Non-Mineralized	N-AML	780	0.03	9	35			254	<20	1.11	<10	<10	345	<10		
E602136	K-07-0122	16.25	18.15	GNST	GNST	Mineralized	P-AML	250	0.01	5	14			98	<20	0.4	<10	<10	142	10		
E602200	K-07-0122	114.67	116.64	GNST	GNST	Non-Mineralized	N-AML	590	0.11	6	37			200	<20	0.87	<10	<10	311	<10		
E602201	K-07-0122	116.64	118.06	GNST	GNST	Non-Mineralized	N-AML	600	0.15	10	31			105	<20	0.84	<10	<10	274	<10		
E602199	K-07-0122	112.63	114.67	GNST	GNST	Non-Mineralized	N-AML	610	0.1	<5	37			254	<20	0.92	<10	<10	319	<10		
E602207	K-07-0122	125.15	127.7	GNST	GNST	Non-Mineralized	N-AML	590	0.25	<5	26			197	<20	0.7	<10	<10	238	<10		
E602223	K-07-0122	149.89	150.71	GNST	GNST	Non-Mineralized	N-AML	610	0.16	8	35			123	<20	0.93	<10	10	336	<10		
E602222	K-07-0122	148.95	149.89	GNST	GNST	Non-Mineralized	N-AML	600	0.2	9	37			128	<20	0.89	<10	10	336	<10		
E602221	K-07-0122	146.95	148.95	GNST	GNST	Non-Mineralized	N-AML	580	0.22	6	29			169	<20	0.74	<10	<10	280	10		
E776997	K-07-0123	188.5	189.35	GNST	GNST	Non-Mineralized	P-AML	680	0.18	9	28			106	<20	0.4	<10	<10	263	<10		
E602273	K-07-0124	151.16	153.15	GNST	GNST	Non-Mineralized	N-AML	440	0.56	<5	3			124	<20	0.13	<10	<10	33	<10		
E602398	K-07-0125	156.95	158.25	GNST	GNST	Non-Mineralized	N-AML	1160	0.08	<5	31			249	<20	1.23	<10	<10	352	10		
E602396	K-07-0125	155.72	156.95	GNST	GNST	Non-Mineralized	N-AML	960	0.32	<5	32			243	<20	1.25	<10	20	361	10		
E602395	K-07-0125	154.52	155.72	GNST	GNST	Non-Mineralized	N-AML	640	0.49	<5	18			152	<20	0.66	<10	<10	189	<10		
E777198	K-08-0129	168.32	169.97	GNST	GNST	Non-Mineralized	N-AML	740	0.15	5	33			289	<20	0.98	<10	<10	335	<10		
E777217	K-08-0129	192.41	192.89	GNST	GNST	Non-Mineralized	N-AML	150	0.36	<5	1			5	<20	0.05	<10	<10	7	<10		
E777216	K-08-0129	191.83	192.41	GNST	GNST	Non-Mineralized	N-AML	660	0.49	<5	18			131	<20	0.62	<10	<10	212	<10		
E753951	K-08-0130	76.23	78.23	GNST	GNST	Non-Mineralized	N-AML	520	0.03	<5	35			215	<20	0.89	<10	10	331	<10		
E753952	K-08-0130	78.23	80.23	GNST	GNST	Non-Mineralized	N-AML	520	0.06	<5	31			189	<20	0.92	<10	<10	339	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E753949	K-08-0130	73.23	76.23	GNST	GNST	Non-Mineralized	N-AML	630	0.05	<5	33			211	<20	0.99	<10	<10	338	<10		
E754013	K-08-0134	86.73	89.35	GNST	GNST	Non-Mineralized	N-AML	940	0.12	<5	39			293	<20	1.23	<10	<10	368	<10		
E770060	K-08-0135	55.75	58.4	GNST	GNST	Non-Mineralized	N-AML	480	0.16	<5	23			363	<20	0.54	<10	<10	200	<10		
E602641	K-08-0136	26.36	27.97	GNST	GNST	Non-Mineralized	N-AML	800	0.07	6	35			291	<20	1.17	<10	<10	382	<10		
E602646	K-08-0136	33.67	37.84	GNST	GNST	Non-Mineralized	N-AML	220	0.1	<5	2			30	<20	0.08	<10	<10	20	<10		
E602738	K-08-0136	194.75	195.93	GNST	GNST	Non-Mineralized	P-AML	520	0.46	19	10			90	<20	0.27	<10	<10	137	<10		
E602737	K-08-0136	194	194.75	GNST	GNST	Non-Mineralized	N-AML	440	0.41	10	11			29	<20	0.35	<10	<10	140	<10		
E602735	K-08-0136	191.41	194	GNST	GNST	Non-Mineralized	N-AML	1010	0.32	<5	33			274	<20	1.24	<10	<10	363	<10		
E602734	K-08-0136	189.18	191.41	GNST	GNST	Non-Mineralized	N-AML	1100	0.29	7	31			184	<20	1.26	<10	<10	371	<10		
E602745	K-08-0136	203.81	205.93	GNST	GNST	Non-Mineralized	N-AML	730	0.11	<5	32			271	<20	0.98	<10	10	315	<10		
E602743	K-08-0136	201.6	203.81	GNST	GNST	Non-Mineralized	N-AML	740	0.02	<5	16			71	<20	0.39	<10	<10	229	<10		
E602742	K-08-0136	200.2	201.6	GNST	GNST	Non-Mineralized	N-AML	770	0.01	<5	16			104	<20	0.38	<10	<10	237	<10		
E602741	K-08-0136	199.53	200.2	GNST	GNST	Non-Mineralized	N-AML	730	0.14	<5	28			279	<20	0.89	<10	<10	300	<10		
E602755	K-08-0136	228.21	230.15	GNST	GNST	Non-Mineralized	N-AML	80	0.9	13	<1			31	<20	0.06	<10	<10	3	<10		
E602759	K-08-0136	233.7	235.08	GNST	GNST	Non-Mineralized	N-AML	760	0.62	7	27			162	<20	0.91	10	<10	284	<10		
E602803	K-08-0137	154.3	157.6	GNST	GNST	Non-Mineralized	N-AML	870	0.21	<5	26			224	<20	0.95	<10	<10	288	<10		
E770183	K-08-0139	158.95	161.9	GNST	GNST	Non-Mineralized	N-AML	840	0.41	<5	28			226	<20	1.04	<10	<10	309	<10		
E770182	K-08-0139	155.97	158.95	GNST	GNST	Mineralized	P-AML	1160	0.23	<5	33			274	<20	1.44	<10	<10	382	10		
E770192	K-08-0139	177.86	179.8	GNST	GNST	Non-Mineralized	N-AML	690	0.1	<5	27			216	<20	0.79	<10	<10	272	<10		
E770190	K-08-0139	174.86	177.86	GNST	GNST	Non-Mineralized	N-AML	720	0.03	<5	16			105	<20	0.31	<10	<10	214	<10		
E770189	K-08-0139	171.86	174.86	GNST	GNST	Non-Mineralized	N-AML	720	0.05	<5	19			190	<20	0.47	<10	<10	233	<10		
E770202	K-08-0139	198.74	199.97	GNST	GNST	Non-Mineralized	N-AML	170	0.98	<5	1			45	<20	0.08	<10	<10	14	<10		
E770205	K-08-0139	201.29	202.38	GNST	GNST	Mineralized	P-AML	750	1.74	11	23			236	<20	0.73	<10	<10	247	<10		
E770208	K-08-0139	207.44	208.1	GNST	GNST	Non-Mineralized	N-AML	100	1.24	8	<1			37	<20	0.05	<10	<10	3	<10		
E754206	K-08-0140	200	201.46	GNST	GNST	Non-Mineralized	N-AML	880	0.18	6	32			285	<20	1.17	<10	<10	342	<10		
E754205	K-08-0140	198.9	200	GNST	GNST	Non-Mineralized	N-AML	1000	0.17	6	32			249	<20	1.39	<10	<10	383	<10		
E754220	K-08-0140	213.1	214.75	GNST	GNST	Non-Mineralized	N-AML	710	0.17	6	28			297	<20	0.85	<10	<10	295	<10		
E777359	K-08-0142	25.32	27.73	GNST	GNST	Non-Mineralized	N-AML	640	0.14	<5	34			298	<20	1.03	<10	<10	337	<10		
E777373	K-08-0142	49.49	51.19	GNST	GNST	Non-Mineralized	N-AML	560	0.1	<5	27			323	<20	0.49	<10	<10	275	<10		
E754275	K-08-0143	220.98	223.07	GNST	GNST	Non-Mineralized	N-AML	920	0.32	6	27			209	<20	0.96	10	<10	276	<10		
E602815	K-08-0144	23.3	26.1	GNST	GNST	Non-Mineralized	N-AML	640	0.09	<5	33			252	<20	0.91	<10	10	322	<10		
E602821	K-08-0144	38.81	40.43	GNST	GNST	Mineralized	P-AML	520	0.13	<5	27			183	<20	0.67	<10	<10	236	<10		
E602820	K-08-0144	35.4	38.81	GNST	GNST	Non-Mineralized	N-AML	410	0.1	<5	12			74	<20	0.23	<10	<10	115	<10		
E754327	K-08-0148	178.09	181	GNST	GNST	Non-Mineralized	N-AML	870	0.31	26	34			66	<20	1.05	10	<10	361	<10		
E754325	K-08-0148	177.74	178.09	GNST	GNST	Non-Mineralized	N-AML	260	1.37	10	3			3	<20	0.13	10	<10	32	<10		
E754328	K-08-0148	181	183.49	GNST	GNST	Non-Mineralized	N-AML	380	0.65	23	7			42	<20	0.2	10	<10	89	<10		
E754329	K-08-0148	183.49	186.03	GNST	GNST	Non-Mineralized	P-AML	530	0.25	9	11			36	<20	0.34	10	<10	147	<10		
E754330	K-08-0148	186.03	187.38	GNST	GNST	Mineralized	P-AML	710	0.16	5	29			305	<20	0.89	10	<10	307	<10		
E754324	K-08-0148	173.9	177.74	GNST	GNST	Non-Mineralized	N-AML	960	0.23	27	33			132	<20	1.1	10	<10	377	10		
E770388	K-08-0150	157.96	160.24	GNST	GNST	Non-Mineralized	N-AML	660	0.21	6	31			91	<20	0.8	<10	<10	303	<10		
E770387	K-08-0150	155.45	157.96	GNST	GNST	Non-Mineralized	N-AML	660	1.59	5	18			36	<20	0.6	<10	<10	195	<10		
E770410	K-08-0150	186.96	189.11	GNST	GNST	Non-Mineralized	N-AML	980	0.53	<5	31			250	<20	1.24	<10	<10	336	<10		
E770411	K-08-0150	189.11	191.27	GNST	GNST	Non-Mineralized	N-AML	1060	0.6	14	34			283	<20	1.33	<10	<10	368	<10		
E770417	K-08-0150	202.38	203.91	GNST	GNST	Non-Mineralized	N-AML	730	0.12	<5	32			282	<20	0.97	<10	<10	306	<10		
E603022	K-08-0151	58.23	60.92	GNST	GNST	Mineralized	P-AML	470	0.01	<5	34			191	<20	0.79	<10	<10	291	<10		
E603021	K-08-0151	56.23	58.23	GNST	GNST	Non-Mineralized	N-AML	610	0.02	5	35			209	<20	0.98	<10	<10	333	<10		
E603020	K-08-0151	54.23	56.23	GNST	GNST	Non-Mineralized	N-AML	630	0.13	<5	30			183	<20	0.92	<10	<10	302	<10		
E603019	K-08-0151	52.23	54.23	GNST	GNST	Non-Mineralized	N-AML	680	0.06	<5	36			227	<20	1.05	<10	<10	347	<10		
E603017	K-08-0151	50.23	52.23	GNST	GNST	Non-Mineralized	N-AML	660	0.2	<5	33			251	<20	1.04	<10	<10	339	<10		
E754380	K-08-0153	44.16	47.16	GNST	GNST	Mineralized	P-AML	610	0.07	<5	34			194	<20	0.96	<10	<10	321	<10		
E754381	K-08-0153	47.16	49.2	GNST	GNST	Non-Mineralized	N-AML	540	0.03	<5	34			254	<20	0.89	<10	10	330	<10		
E754382	K-08-0153	49.2	51.71	GNST	GNST	Non-Mineralized	N-AML	760	0.06	<5	35			231	<20	1.32	<10	<10	432	<10		
E603083	K-08-0155	45.42	48.46	GNST	GNST	Non-Mineralized	N-AML	620	0.08	<5	29			204	<20	0.93	<10	<10	294	<10		
E603086	K-08-0155	51.51	53	GNST	GNST	Non-Mineralized	N-AML	480	0.02	<5	36			216	<20	0.8	<10	<10	299	<10		
E603081	K-08-0155	41.87	42.67	GNST	GNST	Non-Mineralized	N-AML	530	0.14	<5	23			155	<20	0.69	<10	<10	218	<10		
E603082	K-08-0155	42.67	45.42	GNST	GNST	Non-Mineralized	N-AML	700	0.13	<5	34			260	<20	1.14	<10	<10	363	<10		
E603085	K-08-0155	48.46	51.51	GNST	GNST	Non-Mineralized	N-AML	550	0.04	<5	35			230	<20	0.89	<10	<10	306	<10		
E770550	K-08-0158	113.67	115.01	GNST	GNST	Non-Mineralized	N-AML	600	0.04	6	39			211	<20	1	<10	<10	341	<10		
E778126	K-08-0175	122	123.93	GNST	GNST	Non-Mineralized	N-AML	640	0.06	8	35			245	<20	1.07	<10	<10	331	<10		
E778127	K-08-0175	123.93	124.67	GNST	GNST	Mineralized	P-AML	590	0.03	10	33			248	<20	0.92	<10	<10	298	<10		
E778128	K-08-0175	124.67	125.67	GNST	GNST	Non-Mineralized	N-AML	600	0.08	9	32			193	<20	0.9	<10	<10	306	<10		
E778125	K-08-0175	119	122	GNST	GNST	Non-Mineralized	N-AML	480	0.06	10	34			253	<20	0.77	<10	<10	283	<10		
E778124	K-08-0175	116	119	GNST	GNST	Non-Mineralized	N-AML	480	0.03	10	31			240	<20	0.76	<10	<10	270	<10		
E778123	K-08-0175	113	116	GNST	GNST	Mineralized	P-AML	500	0.03	6	34			217	<20	0.79	<10	<10	279	<10		
E778122	K-08-0175	112.1	113	GNST	GNST	Mineralized	P-AML	500	0.04	<5	34			205	<20	0.78	<10	<10	283	<10		
E778121	K-08-0175	110.89	112.1	GNST	GNST	Mineralized	P-AML	610	0.08	11	35			204	<20	0.93	<10	<10	313	<10		
E778188	K-08-0177	68.48	69.88	GNST	GNST	Mineralized	P-AML	710	0.08	<5	31			338	<20	0.92	<10	<10	310	<10		
E778223	K-08-0177	121.62	123.36	GNST	GNST	Mineralized	P-AML	630	0.06	<5	33			282	<20	0.95	<10	<10	312	<10		
E778222	K-08-0177	120	121.62	GNST	GNST	Non-Mineralized	N-AML	660	0.03	<5	35			309	<20	1.01	<10	<10	328	<10		
E778220	K-08-0177	114	117	GNST	GNST	Mineralized	P-AML	440	0.05	<5	33			228	<20	0.7	<10	<10	270	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E778221	K-08-0177	117	120	GNST	GNST	Mineralized	P-AML	820	0.04	<5	39			254	<20	1.38	<10	<10	427	<10		
E778219	K-08-0177	111	114	GNST	GNST	Mineralized	P-AML	430	0.02	<5	28			220	<20	0.7	<10	<10	270	<10		
E778218	K-08-0177	108	111	GNST	GNST	Mineralized	P-AML	480	0.03	<5	32			207	<20	0.79	<10	<10	283	<10		
E773029	K-10-0247	28.82	30.86	GNST	GNST	Non-Mineralized	N-AML	573	0.052	<1	37	<10	<5	219	<5	0.87	<5	<5	300	<1	20	19
E773030	K-10-0247	30.86	32.79	GNST	GNST	Non-Mineralized	N-AML	746	0.068	2	37	<10	<5	214	<5	1.31	<5	<5	404	<1	25	17
E773042	K-10-0247	44.65	46.11	GNST	GNST	Non-Mineralized	N-AML	450	0.111	<1	12	<10	<5	42	5	0.13	<5	<5	106	<1	5	34
E773041	K-10-0247	43.01	44.65	GNST	GNST	Non-Mineralized	N-AML	401	0.084	1	12	<10	<5	62	<5	0.13	<5	<5	129	<1	6	38
E773043	K-10-0247	46.11	47.04	GNST	GNST	Non-Mineralized	N-AML	403	0.14	2	12	<10	<5	48	<5	0.15	<5	<5	111	<1	6	38
E773046	K-10-0247	48.82	49.99	GNST	GNST	Non-Mineralized	N-AML	396	0.01	3	34	<10	<5	186	<5	0.93	<5	<5	328	<1	20	16
E773052	K-10-0247	55.71	57.85	GNST	GNST	Non-Mineralized	N-AML	480	0.144	<1	22	<10	<5	254	<5	0.2	<5	<5	247	<1	9	8
E757064a	K-10-0251	64.38	65.29	GNST	GNST	Non-Mineralized	N-AML	690	0.07	1.29	34.6	2	1.1	230	0.7	1.025	0.05	0.2	342	0.2	25.8	15.8
E757136	K-10-0253	51.24	52.5	GNST	GNST	Non-Mineralized	N-AML	844	0.044	<1	43	<10	<5	205	<5	1.18	<5	<5	356	<1	30	23
E757132	K-10-0253	44.9	46.96	GNST	GNST	Non-Mineralized	N-AML	734	0.052	<1	40	<10	<5	195	<5	0.96	<5	<5	311	<1	26	23
E757133	K-10-0253	46.96	48.97	GNST	GNST	Non-Mineralized	N-AML	647	0.029	<1	40	<10	<5	228	<5	0.84	<5	<5	310	<1	23	26
E757135	K-10-0253	48.97	51.24	GNST	GNST	Non-Mineralized	N-AML	356	0.022	<1	21	<10	<5	103	<5	0.45	<5	<5	162	<1	13	25
E773231	K-10-0262	9	11.05	GNST	GNST	Non-Mineralized	N-AML	606	<0.005	2	32	<10	<5	205	<5	1.18	<5	<5	372	<1	24	16
E773230	K-10-0262	7.01	9	GNST	GNST	Non-Mineralized	N-AML	460	<0.005	1	28	<10	<5	215	<5	0.96	<5	<5	302	<1	20	14
E773228	K-10-0262	4.88	7.01	GNST	GNST	Non-Mineralized	N-AML	408	<0.005	1	28	<10	<5	216	<5	0.89	<5	<5	304	<1	19	15
E773236	K-10-0262	17.3	19.51	GNST	GNST	Non-Mineralized	N-AML	471	<0.005	1	30	<10	<5	191	<5	1.04	<5	<5	334	<1	22	21
E773227	K-10-0262	3.66	4.88	GNST	GNST	Non-Mineralized	N-AML	434	<0.005	2	31	<10	<5	234	<5	0.92	<5	<5	326	3	20	19
E773235	K-10-0262	15.17	17.3	GNST	GNST	Non-Mineralized	N-AML	418	0.005	1	26	<10	<5	167	<5	0.89	<5	<5	267	<1	20	22
E773232	K-10-0262	11.05	13.07	GNST	GNST	Non-Mineralized	N-AML	514	<0.005	2	33	<10	<5	211	<5	1.12	<5	<5	348	<1	24	17
E773233	K-10-0262	13.07	15.17	GNST	GNST	Non-Mineralized	N-AML	565	0.007	2	33	<10	<5	198	<5	1.21	<5	<5	361	<1	25	20
E773870	K-10-0314	102.6	103.28	GNST	GNST	Non-Mineralized	N-AML	1110	0.1	13	35			198	<20	1.42	<10	<10	416	60		
E773874	K-10-0314	105.48	106.48	GNST	GNST	Non-Mineralized	N-AML	1040	0.14	6	33			266	<20	1.38	<10	<10	408	<10		
E773873	K-10-0314	104.48	105.48	GNST	GNST	Non-Mineralized	N-AML	1090	0.24	5	32			219	<20	1.34	<10	<10	362	<10		
E773877	K-10-0314	107.48	108.48	GNST	GNST	Non-Mineralized	N-AML	950	0.24	12	34			216	<20	1.19	<10	<10	360	<10		
E773878	K-10-0314	108.48	109.63	GNST	GNST	Non-Mineralized	N-AML	920	0.3	5	33			280	<20	1.18	<10	<10	351	<10		
E773879	K-10-0314	109.63	109.88	GNST	GNST	Non-Mineralized	N-AML	500	0.43	15	15			25	<20	0.46	<10	<10	195	<10		
E773876	K-10-0314	106.48	107.48	GNST	GNST	Non-Mineralized	N-AML	950	0.27	6	34			275	<20	1.22	<10	<10	359	<10		
E773881	K-10-0314	110.17	111.17	GNST	GNST	Non-Mineralized	N-AML	990	0.17	14	32			240	<20	1.21	<10	<10	357	<10		
E773882	K-10-0314	111.17	112.17	GNST	GNST	Non-Mineralized	N-AML	960	0.1	5	33			192	<20	1.18	<10	<10	357	<10		
E773884	K-10-0314	112.17	112.96	GNST	GNST	Non-Mineralized	N-AML	1080	0.23	7	35			140	<20	1.26	<10	<10	377	10		
E773795	K-10-0306	67.51	68.28	GNST	GNST	Non-Mineralized	N-AML	720	0.14	5.02	33.8	3	3.1	210	2.3	0.951	1.54	0.7	325	0.8	19.4	22.8
E773841	K-10-0306	108.34	110.34	GNST	GNST	Non-Mineralized	N-AML	520	0.1	6.16	38.9	1	2.2	122	0.4	0.789	0.81	0.6	299	5	17.5	10.7
E773844	K-10-0306	112.34	114.43	GNST	GNST	Non-Mineralized	N-AML	620	0.05	6.79	37	1	1.8	162	0.6	0.883	0.35	0.4	317	39.5	21.3	14.3
E773843	K-10-0306	110.34	112.34	GNST	GNST	Non-Mineralized	N-AML	500	0.1	6.34	39.1	2	1.2	115.5	0.5	0.845	1.01	0.7	310	2.1	19	10
E774683	K-10-0309	115.81	117.79	GNST	GNST	Non-Mineralized	N-AML	630	0.04	2.34	39.8	3	0.6	239	0.7	0.987	0.16	0.2	333	0.3	25.6	18.6
E774680	K-10-0309	109.81	111.81	GNST	GNST	Non-Mineralized	N-AML	460	0.14	6.42	34.7	2	17.5	202	0.5	0.743	0.57	0.5	276	1.2	19.4	21.5
E774682	K-10-0309	113.92	115.81	GNST	GNST	Non-Mineralized	N-AML	510	0.07	3.27	37.2	2	1.6	224	0.6	0.837	0.08	0.2	293	0.2	22.1	17.9
E774684	K-10-0309	117.79	119.25	GNST	GNST	Non-Mineralized	N-AML	650	0.05	1.98	37.9	3	0.5	273	0.7	1.02	0.05	0.2	325	0.2	26.5	22.8
E774681	K-10-0309	111.81	113.92	GNST	GNST	Non-Mineralized	N-AML	460	0.05	1.78	38.7	2	1.4	184	0.5	0.768	0.07	0.2	292	0.3	18.9	17.5
E774685	K-10-0309	119.25	120.58	GNST	GNST	Non-Mineralized	N-AML	670	0.09	1.76	37.1	3	0.4	253	0.7	1.075	0.06	0.2	340	0.2	26	10.4
E601772	K-07-0118	76.11	76.91	GNST	GNST	Mineralized	P-AML	530	0.01	<5	36			222	<20	0.85	<10	<10	309	<10		
E753953	K-08-0130	80.23	81.94	GNST	GNST	Mineralized	P-AML	700	0.33	15	32			33	<20	1.01	<10	<10	364	<10		
E770562	K-08-0158	128.02	130.76	GNST	GNST	Mineralized	P-AML	490	0.38	16	31			52	<20	0.74	<10	10	293	10		
E778129	K-08-0175	125.67	126.02	GNST	GNST	Mineralized	P-AML	380	5.32	76	10			3	<20	0.32	<10	<10	120	20		
E757065a	K-10-0251	65.29	66.13	GNST	GNST	Mineralized	P-AML	670	0.03	4.16	33.1	3	50.4	58.1	0.6	0.911	0.73	0.7	339	41.2	18.6	22.2
E757067a	K-10-0251	66.13	66.62	GNST	GNST	Mineralized	P-AML	440	0.01	8.24	31.6	4	78.2	10.8	0.4	0.626	0.6	0.7	268	90.1	12.8	13.7
E757069a	K-10-0251	67.29	68.61	GNST	GNST	Mineralized	P-AML	750	0.55	4.97	42.6	4	1.7	143.5	0.8	1.46	0.31	0.7	462	0.7	29.7	17.6
E757068a	K-10-0251	66.62	67.29	GNST	GNST	Mineralized	P-AML	630	0.11	10.6	33	5	70.8	85.2	0.3	0.956	1.07	1.4	379	50.4	14.5	11
E773797	K-10-0306	69.38	70.44	GNST	GNST	Mineralized	P-AML	610	0.02	2.22	33.6	3	1.1	260	1.9	0.76	0.31	0.6	281	0.4	16.3	41.6
E773828	K-10-0306	98.97	99.71	GNST	GNST	Mineralized	P-AML	600	0.26	11.85	27.9	2	69.6	3.9	0.5	0.901	2.48	0.7	333	34.7	10.6	8.5
E773829	K-10-0306	99.71	100.45	GNST	GNST	Mineralized	P-AML	480	0.61	9.2	23.9	2	48.6	3	0.5	0.722	1.65	0.6	275	33.3	7.5	8.2
E774679	K-10-0309	108.6	109.81	GNST	GNST	Mineralized	P-AML	490	0.47	15.35	33.3	3	74.1	88.7	0.6	0.786	1.86	1.7	285	5.1	18.4	20.8
E774702	K-10-0309	136.72	137.19	GNST	GNST	Mineralized	P-AML	600	0.12	6.9	33.1	4	4.5	151	1.1	0.869	1.01	3.2	306	1.5	22.6	16.9
E000097	K-11-0324	16.76	17.41	GNST	GNST	Mineralized	P-AML	380	0.01	12	12			24	<20	0.33	<10	<10	156	30		
E004118	K-11-0326	102.78	104.49	GNST	GNST	Mineralized	P-AML	450	0.57	15	28			5	<20	0.58	<10	<10	276	20		
E000001	K-11-0328	6.77	7.62	GNST	GNST	Mineralized	P-AML	580	0.07	18	30			10	<20	0.8	<10	<10	318	10		
E004085	K-11-0329	77.53	78.35	GNST	GNST	Mineralized	P-AML	560	0.04	29	31			58	<20	0.83	<10	<10	298	10		
E599941	K-07-0074	44.15	46.15	GSCH	GSCH	Non-Mineralized	N-AML	1000	0.22	<5	15			272	<20	0.31	<10	<10	135	<10		
E601875	K-07-0118	197.6	199.6	GSCH	GSCH	Non-Mineralized	N-AML	760	0.42	<5	9			135	<20	0.3	<10	<10	100	<10		
E600005	K-07-0074	137.4	138.64	GSCH	GSCH	Non-Mineralized	N-AML	760	0.57	8	8			142	<20	0.24	<10	<10	82	<10		
E601860	K-07-0118	179.39	181.39	GSCH	GSCH	Non-Mineralized	N-AML	810	0.87	10	10			122	<20	0.33	<10	<10	99	<10		
E601873	K-07-0118	193.66	195.6	GSCH	GSCH	Non-Mineralized	N-AML	1130	1	<5	13			248	<20	0.45	<10	<10	156	<10		
E770062	K-08-0135	61.4	64.12	GSCH	GSCH	Non-Mineralized	N-AML	710	0.23	<5	9			203	<20	0.26	<10	<10	80	<10		
E770063	K-08-0135	64.12	67.1	GSCH	GSCH	Non-Mineralized	N-AML	980	0.27	5	14			234	20	0.37	<10	<10	137	<10		
E770064	K-08-0135	67.1	70.1	GSCH	GSCH	Non-Mineralized	N-AML	580	0.27	<5	8			177	<20	0.25	<10	<10	73	<10		
E770099	K-08-0135	140.13	141.3	GSCH	GSCH	Non-Mineralized	P-AML	630	0.64	6	8			86	<20	0.27	<10	<10	86	10		
E770119	K-08-0135	158.65	159.7	GSCH	GSCH	Non-Mineralized	N-AML	840	0.51	6	13			103	<20	0.41	10	<10	154	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E770211	K-08-0139	209.91	212	GSCH	GSCH	Non-Mineralized	N-AML	550	1.04	<5	5			65	<20	0.16	<10	<10	63	<10		
E770212	K-08-0139	212	214.3	GSCH	GSCH	Non-Mineralized	N-AML	510	0.44	<5	7			76	<20	0.24	<10	<10	86	<10		
E770217	K-08-0139	219.54	221.7	GSCH	GSCH	Non-Mineralized	P-AML	490	1.37	7	10			136	<20	0.34	<10	<10	138	<10		
E770219	K-08-0139	224.94	226.16	GSCH	GSCH	Non-Mineralized	P-AML	610	0.5	<5	8			124	<20	0.33	<10	<10	99	<10		
E770316	K-08-0145	100.85	101.62	GSCH	GSCH	Non-Mineralized	P-AML	1150	0.99	9	15			191	<20	0.55	10	<10	181	<10		
E770322	K-08-0145	107.6	108.15	GSCH	GSCH	Non-Mineralized	P-AML	1010	0.38	19	15			139	<20	0.5	10	<10	172	<10		
E770321	K-08-0145	106.07	107.6	GSCH	GSCH	Non-Mineralized	N-AML	390	0.16	27	2			9	<20	0.11	<10	<10	23	<10		
E770318	K-08-0145	102.51	104.3	GSCH	GSCH	Non-Mineralized	P-AML	860	0.48	8	12			124	<20	0.4	<10	<10	123	<10		
E770317	K-08-0145	101.62	102.51	GSCH	GSCH	Non-Mineralized	N-AML	430	0.54	6	5			54	<20	0.2	<10	<10	62	<10		
E599919	K-07-0074	6.57	8.08	GSCH	GSCH	Non-Mineralized	N-AML	530	0.06	<5	8			134	<20	0.17	<10	<10	74	<10		
E599918	K-07-0074	4.57	6.57	GSCH	GSCH	Non-Mineralized	N-AML	990	0.05	5	14			227	<20	0.28	<10	<10	134	<10		
E599917	K-07-0074	1.52	4.57	GSCH	GSCH	Non-Mineralized	N-AML	630	0.04	<5	11			139	<20	0.21	10	<10	96	<10		
E599943	K-07-0074	46.15	48.15	GSCH	GSCH	Non-Mineralized	N-AML	920	0.14	<5	16			231	20	0.26	<10	<10	138	<10		
E599940	K-07-0074	42.15	44.15	GSCH	GSCH	Non-Mineralized	N-AML	720	0.26	<5	10			198	<20	0.26	<10	<10	88	10		
E599944	K-07-0074	48.15	49.41	GSCH	GSCH	Non-Mineralized	N-AML	590	0.28	<5	8			167	<20	0.19	<10	<10	78	<10		
E600003	K-07-0074	135.4	137.4	GSCH	GSCH	Non-Mineralized	N-AML	930	1.01	10	14			189	<20	0.34	<10	<10	139	<10		
E777287	K-08-0138	89.2	90.27	GSCH	GSCH	Non-Mineralized	N-AML	440	0.35	<5	6			146	<20	0.21	<10	<10	61	<10		
E777290	K-08-0138	91.33	92.2	GSCH	GSCH	Non-Mineralized	N-AML	630	0.44	<5	11			243	<20	0.38	10	<10	118	<10		
E777298	K-08-0138	106.02	107.7	GSCH	GSCH	Non-Mineralized	P-AML	520	0.76	<5	11			107	<20	0.26	10	<10	131	<10		
E777302	K-08-0138	113.72	116.47	GSCH	GSCH	Non-Mineralized	N-AML	420	0.93	5	13			55	<20	0.16	<10	<10	153	<10		
E601724	K-07-0118	4.15	6.15	GSCH	GSCH	Non-Mineralized	N-AML	1240	0.09	<5	14			245	<20	0.28	<10	<10	129	<10		
E601725	K-07-0118	6.15	6.45	GSCH	GSCH	Non-Mineralized	N-AML	610	0.04	<5	11			178	<20	0.27	<10	<10	101	<10		
E601753	K-07-0118	51.57	52.05	GSCH	GSCH	Non-Mineralized	N-AML	900	0.17	<5	16			300	20	0.31	<10	<10	162	<10		
E601744	K-07-0118	35.89	37.89	GSCH	GSCH	Non-Mineralized	N-AML	600	0.8	12	9			172	<20	0.23	<10	<10	94	<10		
E601745	K-07-0118	37.89	39.89	GSCH	GSCH	Non-Mineralized	N-AML	330	0.24	<5	5			109	<20	0.15	<10	<10	49	<10		
E601746	K-07-0118	39.89	41.89	GSCH	GSCH	Non-Mineralized	N-AML	680	0.17	<5	10			173	<20	0.27	<10	<10	92	<10		
E601747	K-07-0118	41.89	43.89	GSCH	GSCH	Non-Mineralized	N-AML	680	0.47	<5	10			151	<20	0.23	<10	<10	94	<10		
E601748	K-07-0118	43.89	45.57	GSCH	GSCH	Non-Mineralized	N-AML	200	0.11	<5	3			52	<20	0.15	<10	<10	35	<10		
E601749	K-07-0118	45.57	47.57	GSCH	GSCH	Non-Mineralized	N-AML	640	0.27	<5	8			141	<20	0.21	<10	<10	77	<10		
E601752	K-07-0118	49.57	51.57	GSCH	GSCH	Non-Mineralized	N-AML	780	0.16	<5	11			197	<20	0.27	<10	<10	104	<10		
E601754	K-07-0118	52.05	54.05	GSCH	GSCH	Non-Mineralized	N-AML	560	0.22	<5	4			118	<20	0.11	<10	<10	35	<10		
E601750	K-07-0118	47.57	49.57	GSCH	GSCH	Non-Mineralized	N-AML	750	0.2	<5	11			176	<20	0.27	<10	<10	107	<10		
E601742	K-07-0118	33.89	35.89	GSCH	GSCH	Non-Mineralized	N-AML	750	0.13	<5	13			191	<20	0.29	<10	<10	117	<10		
E601783	K-07-0118	89.37	89.97	GSCH	GSCH	Non-Mineralized	P-AML	790	1.06	5	15			120	<20	0.28	<10	<10	163	<10		
E601790	K-07-0118	97.61	99.01	GSCH	GSCH	Non-Mineralized	N-AML	370	1.19	11	15			74	<20	0.18	<10	<10	167	<10		
E601791	K-07-0118	99.01	100.03	GSCH	GSCH	Non-Mineralized	N-AML	560	0.6	8	20			250	<20	0.27	<10	<10	204	<10		
E601861	K-07-0118	181.39	183.59	GSCH	GSCH	Non-Mineralized	N-AML	230	0.28	<5	2			14	<20	0.1	<10	<10	18	<10		
E601874	K-07-0118	195.6	197.6	GSCH	GSCH	Non-Mineralized	N-AML	1190	1	6	15			242	<20	0.52	<10	<10	184	<10		
E601876	K-07-0118	199.6	201.6	GSCH	GSCH	Non-Mineralized	N-AML	140	0.21	<5	2			27	<20	0.11	<10	<10	27	<10		
E601885	K-07-0118	214.35	216.24	GSCH	GSCH	Non-Mineralized	P-AML	1210	0.72	7	14			128	<20	0.37	10	<10	141	10		
E776813	K-07-0121	4.83	6.5	GSCH	GSCH	Non-Mineralized	N-AML	890	0.05	8	12			203	<20	0.32	<10	<10	121	<10		
E776812	K-07-0121	3.05	4.83	GSCH	GSCH	Non-Mineralized	N-AML	930	0.08	9	15			345	<20	0.42	<10	<10	151	<10		
E776848	K-07-0121	62.27	64.24	GSCH	GSCH	Non-Mineralized	N-AML	620	0.14	<5	11			148	<20	0.34	<10	<10	99	<10		
E776847	K-07-0121	60.24	62.27	GSCH	GSCH	Non-Mineralized	N-AML	620	0.1	<5	10			155	<20	0.33	<10	<10	92	<10		
E776846	K-07-0121	58.21	60.24	GSCH	GSCH	Non-Mineralized	N-AML	480	0.15	<5	6			116	<20	0.21	<10	<10	61	<10		
E776845	K-07-0121	56.15	58.21	GSCH	GSCH	Non-Mineralized	N-AML	510	0.11	<5	8			147	<20	0.22	<10	<10	69	<10		
E776844	K-07-0121	54.2	56.15	GSCH	GSCH	Non-Mineralized	N-AML	580	0.14	<5	9			210	<20	0.29	<10	<10	83	<10		
E776871	K-07-0121	94.85	97.13	GSCH	GSCH	Non-Mineralized	N-AML	940	0.3	12	13			223	<20	0.31	<10	<10	108	<10		
E776869	K-07-0121	92.89	94.85	GSCH	GSCH	Non-Mineralized	N-AML	1170	0.74	<5	13			221	<20	0.29	<10	<10	119	<10		
E776868	K-07-0121	90.86	92.89	GSCH	GSCH	Non-Mineralized	N-AML	520	0.55	<5	8			145	<20	0.2	<10	<10	72	<10		
E776867	K-07-0121	88.89	90.86	GSCH	GSCH	Non-Mineralized	N-AML	910	0.38	8	14			197	<20	0.3	<10	<10	120	<10		
E776866	K-07-0121	86.89	88.89	GSCH	GSCH	Non-Mineralized	N-AML	820	0.14	8	14			233	<20	0.31	<10	<10	121	<10		
E776865	K-07-0121	86.53	86.89	GSCH	GSCH	Non-Mineralized	N-AML	530	0.16	8	30			405	<20	0.47	<10	<10	244	<10		
E776864	K-07-0121	85.6	86.53	GSCH	GSCH	Non-Mineralized	N-AML	830	0.42	9	12			194	<20	0.27	<10	<10	108	<10		
E776861	K-07-0121	81.61	83.59	GSCH	GSCH	Non-Mineralized	N-AML	690	0.44	<5	11			184	<20	0.31	<10	<10	100	<10		
E776863	K-07-0121	83.59	85.6	GSCH	GSCH	Non-Mineralized	N-AML	870	0.21	7	13			187	<20	0.34	<10	<10	113	<10		
E776860	K-07-0121	81.1	81.61	GSCH	GSCH	Non-Mineralized	N-AML	490	0.3	<5	22			200	<20	0.46	<10	<10	183	<10		
E776882	K-07-0121	112.63	114.81	GSCH	GSCH	Non-Mineralized	N-AML	1220	0.25	5	16			278	20	0.37	10	<10	151	<10		
E776881	K-07-0121	110.34	112.63	GSCH	GSCH	Non-Mineralized	N-AML	1270	0.33	<5	16			229	20	0.31	<10	<10	140	<10		
E776880	K-07-0121	108.02	110.34	GSCH	GSCH	Non-Mineralized	N-AML	1020	0.77	<5	17			258	20	0.31	<10	<10	154	<10		
E602130	K-07-0122	6.2	8.16	GSCH	GSCH	Mineralized	P-AML	530	0.01	9	35			227	<20	0.77	10	<10	291	<10		
E602129	K-07-0122	5.01	6.2	GSCH	GSCH	Non-Mineralized	N-AML	810	0.06	<5	9			159	<20	0.24	<10	<10	98	<10		
E602128	K-07-0122	3.43	5.01	GSCH	GSCH	Non-Mineralized	N-AML	350	0.12	<5	4			132	<20	0.17	<10	<10	37	<10		
E602165	K-07-0122	59.61	60.76	GSCH	GSCH	Non-Mineralized	N-AML	330	0.2	8	2			99	<20	0.06	<10	<10	14	<10		
E602159	K-07-0122	50.64	52.68	GSCH	GSCH	Non-Mineralized	N-AML	520	0.09	<5	10			149	<20	0.31	<10	<10	89	<10		
E602160	K-07-0122	52.68	54.68	GSCH	GSCH	Non-Mineralized	N-AML	840	0.13	<5	15			204	<20	0.34	<10	<10	133	<10		
E602161	K-07-0122	54.68	56.26	GSCH	GSCH	Non-Mineralized	N-AML	690	0.09	6	12			201	<20	0.29	<10	<10	117	<10		
E602164	K-07-0122	58.51	59.61	GSCH	GSCH	Non-Mineralized	N-AML	460	0.38	<5	2			26	<20	0.07	<10	<10	16	<10		
E602166	K-07-0122	60.76	62.36	GSCH	GSCH	Non-Mineralized	N-AML	1050	0.31	8	15			276	20	0.37	<10	<10	156	<10		
E602168	K-07-0122	62.36	63.58	GSCH	GSCH	Non-Mineralized	N-AML	180	0.1	6	2			46	<20	0.06	<10	<10	14	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E602169	K-07-0122	63.58	64.69	GSCH	GSCH	Non-Mineralized	N-AML	1120	0.89	13	14			246	20	0.34	<10	<10	146	<10		
E602163	K-07-0122	56.26	58.51	GSCH	GSCH	Non-Mineralized	N-AML	510	0.15	9	6			112	<20	0.2	<10	<10	61	<10		
E602180	K-07-0122	81.05	83.02	GSCH	GSCH	Non-Mineralized	N-AML	980	0.27	7	14			204	20	0.37	<10	<10	138	<10		
E602179	K-07-0122	79.05	81.05	GSCH	GSCH	Non-Mineralized	N-AML	800	0.52	<5	10			177	<20	0.27	<10	<10	97	<10		
E602181	K-07-0122	83.02	84.94	GSCH	GSCH	Non-Mineralized	N-AML	990	0.35	8	16			225	20	0.21	<10	<10	80	<10		
E602182	K-07-0122	84.94	86.96	GSCH	GSCH	Mineralized	P-AML	690	0.3	<5	9			143	<20	0.02	<10	<10	8	<10		
E602183	K-07-0122	86.96	88.38	GSCH	GSCH	Non-Mineralized	N-AML	790	0.53	6	15			230	20	0.34	<10	<10	134	<10		
E602193	K-07-0122	102.56	104.63	GSCH	GSCH	Non-Mineralized	N-AML	1220	0.22	<5	18			309	20	0.36	<10	<10	145	<10		
E602194	K-07-0122	104.63	106.78	GSCH	GSCH	Non-Mineralized	N-AML	300	0.3	<5	2			63	<20	0.07	<10	<10	17	<10		
E602270	K-07-0122	202.96	204.88	GSCH	GSCH	Non-Mineralized	N-AML	1140	1.09	<5	10			151	<20	0.34	10	<10	106	<10		
E602271	K-07-0122	204.88	206.55	GSCH	GSCH	Non-Mineralized	N-AML	500	0.42	<5	6			115	<20	0.24	<10	<10	67	<10		
E602272	K-07-0122	206.55	208.18	GSCH	GSCH	Non-Mineralized	N-AML	140	0.15	<5	1			6	<20	0.08	<10	<10	5	10		
E776993	K-07-0123	179.38	181.38	GSCH	GSCH	Non-Mineralized	N-AML	950	0.63	5	16			177	<20	0.41	10	<10	160	10		
E777116	K-07-0126	209.7	212.75	GSCH	GSCH	Non-Mineralized	N-AML	890	1.98	10	12			195	<20	0.45	<10	<10	153	<10		
E777130	K-08-0129	23	26	GSCH	GSCH	Non-Mineralized	N-AML	360	0.07	<5	4			78	<20	0.15	<10	<10	47	<10		
E777132	K-08-0129	26	27.7	GSCH	GSCH	Non-Mineralized	N-AML	600	0.2	<5	4			119	<20	0.18	<10	<10	49	<10		
E777133	K-08-0129	27.7	29.44	GSCH	GSCH	Non-Mineralized	N-AML	600	0.06	<5	28			346	<20	0.74	<10	<10	253	<10		
E777135	K-08-0129	32.44	35.36	GSCH	GSCH	Non-Mineralized	N-AML	480	0.26	<5	4			106	<20	0.16	<10	<10	42	<10		
E777134	K-08-0129	29.44	32.44	GSCH	GSCH	Non-Mineralized	N-AML	490	0.19	<5	13			136	<20	0.2	<10	<10	134	<10		
E777141	K-08-0129	48.59	50	GSCH	GSCH	Non-Mineralized	N-AML	820	0.32	<5	10			199	<20	0.31	10	<10	88	<10		
E777142	K-08-0129	50	53	GSCH	GSCH	Non-Mineralized	N-AML	660	0.25	<5	6			120	<20	0.2	<10	<10	62	<10		
E777143	K-08-0129	53	56	GSCH	GSCH	Non-Mineralized	N-AML	330	0.17	<5	5			42	<20	0.18	<10	<10	50	<10		
E777145	K-08-0129	56	59	GSCH	GSCH	Non-Mineralized	N-AML	480	0.32	<5	5			110	<20	0.2	<10	<10	58	<10		
E777146	K-08-0129	59	61	GSCH	GSCH	Non-Mineralized	N-AML	360	0.29	<5	3			117	<20	0.12	<10	<10	33	<10		
E777147	K-08-0129	61	62.55	GSCH	GSCH	Non-Mineralized	N-AML	360	0.21	<5	3			55	<20	0.1	<10	<10	26	<10		
E777148	K-08-0129	62.55	65.19	GSCH	GSCH	Non-Mineralized	N-AML	870	0.87	<5	8			317	<20	0.29	<10	<10	91	<10		
E777154	K-08-0129	74	75.54	GSCH	GSCH	Non-Mineralized	N-AML	590	0.2	<5	5			93	<20	0.2	<10	<10	58	<10		
E777152	K-08-0129	69.03	72	GSCH	GSCH	Non-Mineralized	N-AML	410	0.2	<5	5			131	<20	0.2	<10	<10	50	<10		
E777153	K-08-0129	72	74	GSCH	GSCH	Non-Mineralized	N-AML	290	0.15	<5	3			77	<20	0.13	<10	<10	31	<10		
E777178	K-08-0129	119.75	121.62	GSCH	GSCH	Non-Mineralized	N-AML	470	0.41	16	7			35	<20	0.23	<10	<10	88	<10		
E777180	K-08-0129	124.66	127.71	GSCH	GSCH	Non-Mineralized	N-AML	490	0.53	7	5			57	<20	0.16	<10	<10	55	<10		
E777181	K-08-0129	127.71	130.76	GSCH	GSCH	Non-Mineralized	N-AML	570	0.28	<5	2			20	<20	0.06	<10	<10	16	<10		
E777182	K-08-0129	130.76	133.81	GSCH	GSCH	Non-Mineralized	P-AML	920	0.77	11	8			74	<20	0.27	<10	<10	95	<10		
E777183	K-08-0129	133.81	136.86	GSCH	GSCH	Non-Mineralized	N-AML	530	1.36	11	5			38	<20	0.19	10	<10	60	<10		
E777179	K-08-0129	121.62	124.66	GSCH	GSCH	Non-Mineralized	N-AML	360	0.91	16	4			26	<20	0.14	<10	<10	40	<10		
E777218	K-08-0129	192.89	195.09	GSCH	GSCH	Non-Mineralized	P-AML	450	0.41	<5	7			101	<20	0.26	<10	<10	100	<10		
E777227	K-08-0129	206.46	209.49	GSCH	GSCH	Non-Mineralized	P-AML	430	0.47	7	6			46	<20	0.25	<10	<10	77	<10		
E777226	K-08-0129	203.3	206.46	GSCH	GSCH	Non-Mineralized	N-AML	350	0.53	5	5			55	<20	0.23	<10	<10	68	<10		
E777230	K-08-0129	211	214.13	GSCH	GSCH	Non-Mineralized	P-AML	670	1.36	11	9			117	<20	0.44	<10	<10	141	<10		
E777229	K-08-0129	209.49	211	GSCH	GSCH	Non-Mineralized	N-AML	250	0.73	5	4			37	<20	0.19	<10	<10	51	<10		
E777238	K-08-0129	227.38	230.12	GSCH	GSCH	Non-Mineralized	N-AML	460	0.33	<5	4			35	<20	0.15	<10	<10	41	<10		
E777237	K-08-0129	225.25	227.38	GSCH	GSCH	Non-Mineralized	N-AML	540	0.43	<5	5			50	<20	0.22	<10	<10	62	<10		
E777236	K-08-0129	222.2	225.25	GSCH	GSCH	Non-Mineralized	P-AML	790	0.43	<5	8			90	<20	0.31	<10	<10	94	<10		
E777235	K-08-0129	220.68	222.2	GSCH	GSCH	Non-Mineralized	N-AML	780	0.44	<5	7			72	<20	0.27	<10	<10	84	<10		
E777234	K-08-0129	218.81	220.68	GSCH	GSCH	Non-Mineralized	P-AML	980	0.68	5	10			80	<20	0.35	<10	<10	107	<10		
E777239	K-08-0129	230.12	232.25	GSCH	GSCH	Non-Mineralized	N-AML	1030	0.61	5	10			113	<20	0.34	<10	<10	114	<10		
E777251	K-08-0129	258.85	259.76	GSCH	GSCH	Non-Mineralized	N-AML	710	0.53	9	12			99	<20	0.29	10	<10	108	<10		
E777275	K-08-0129	312.11	313.16	GSCH	GSCH	Non-Mineralized	N-AML	900	0.23	<5	14			201	<20	0.45	10	<10	138	<10		
E777278	K-08-0129	316.09	317.56	GSCH	GSCH	Non-Mineralized	P-AML	850	0.52	5	15			89	<20	0.42	10	<10	165	<10		
E753925	K-08-0130	16.67	18.67	GSCH	GSCH	Non-Mineralized	N-AML	810	0.07	<5	13			257	<20	0.35	10	<10	141	<10		
E753924	K-08-0130	13.65	16.67	GSCH	GSCH	Non-Mineralized	N-AML	610	0.07	<5	10			163	<20	0.24	<10	<10	97	<10		
E753922	K-08-0130	7.62	10.67	GSCH	GSCH	Non-Mineralized	N-AML	370	0.07	<5	5			81	<20	0.15	<10	<10	49	<10		
E753923	K-08-0130	10.67	13.65	GSCH	GSCH	Non-Mineralized	P-AML	540	0.08	<5	9			139	<20	0.25	<10	<10	94	<10		
E753926	K-08-0130	18.67	20.06	GSCH	GSCH	Non-Mineralized	N-AML	1160	0.09	<5	13			320	<20	0.41	<10	<10	149	<10		
E753961	K-08-0130	93.05	96.43	GSCH	GSCH	Non-Mineralized	N-AML	710	2.19	8	13			98	<20	0.15	<10	<10	154	<10		
E753968	K-08-0130	111.31	114.31	GSCH	GSCH	Non-Mineralized	N-AML	300	0.33	<5	3			90	<20	0.11	10	<10	30	<10		
E753967	K-08-0130	108.31	111.31	GSCH	GSCH	Non-Mineralized	N-AML	300	0.51	<5	3			76	<20	0.1	<10	<10	27	<10		
E753966	K-08-0130	105.26	108.31	GSCH	GSCH	Non-Mineralized	N-AML	290	0.52	<5	1			37	<20	0.08	<10	<10	15	<10		
E753964	K-08-0130	102.29	105.26	GSCH	GSCH	Non-Mineralized	N-AML	640	0.38	6	9			152	<20	0.3	<10	<10	96	<10		
E753963	K-08-0130	99.3	102.29	GSCH	GSCH	Non-Mineralized	N-AML	370	0.24	<5	2			49	<20	0.1	<10	<10	23	<10		
E753962	K-08-0130	96.43	99.3	GSCH	GSCH	Non-Mineralized	N-AML	210	0.21	<5	1			30	<20	0.05	<10	<10	14	<10		
E753969	K-08-0130	114.31	117.29	GSCH	GSCH	Non-Mineralized	N-AML	480	0.37	<5	5			71	<20	0.17	<10	<10	51	<10		
E753970	K-08-0130	117.29	120.37	GSCH	GSCH	Non-Mineralized	N-AML	430	0.46	<5	5			101	<20	0.18	<10	<10	55	<10		
E753973	K-08-0130	123.36	126.36	GSCH	GSCH	Non-Mineralized	N-AML	510	0.57	<5	5			170	<20	0.2	<10	<10	58	<10		
E753979	K-08-0130	138.35	141.12	GSCH	GSCH	Non-Mineralized	N-AML	360	0.3	<5	3			51	<20	0.16	<10	<10	39	<10		
E753978	K-08-0130	135.34	138.35	GSCH	GSCH	Non-Mineralized	N-AML	300	0.4	<5	2			53	<20	0.11	<10	<10	26	<10		
E753977	K-08-0130	132.32	135.34	GSCH	GSCH	Non-Mineralized	N-AML	410	0.56	<5	3			66	<20	0.14	<10	<10	38	<10		
E753975	K-08-0130	129.3	132.32	GSCH	GSCH	Non-Mineralized	N-AML	700	0.84	<5	8			172	<20	0.28	<10	<10	83	<10		
E753974	K-08-0130	126.36	129.3	GSCH	GSCH	Non-Mineralized	N-AML	730	0.69	5	11			340	<20	0.42	<10	<10	126	<10		
E753971	K-08-0130	120.37	123.36	GSCH	GSCH	Non-Mineralized	N-AML	320	0.41	<5	3			116	<20	0.12	<10	<10	31	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E753980	K-08-0134	6.1	9.1	GSCH	GSCH	Non-Mineralized	P-AML	470	0.07	5	7			111	<20	0.27	<10	<10	71	<10		
E753981	K-08-0134	9.1	12.13	GSCH	GSCH	Non-Mineralized	N-AML	610	0.05	5	10			168	<20	0.22	<10	<10	80	<10		
E753982	K-08-0134	12.13	14.67	GSCH	GSCH	Non-Mineralized	N-AML	400	0.1	<5	5			90	<20	0.12	<10	<10	40	<10		
E753987	K-08-0134	22.31	24.24	GSCH	GSCH	Non-Mineralized	N-AML	690	0.08	<5	13			227	<20	0.31	<10	<10	105	<10		
E753985	K-08-0134	20.1	22.31	GSCH	GSCH	Non-Mineralized	N-AML	860	0.08	<5	13			257	<20	0.26	<10	<10	118	<10		
E753984	K-08-0134	17.07	20.1	GSCH	GSCH	Non-Mineralized	N-AML	720	0.05	<5	12			240	<20	0.27	<10	<10	112	<10		
E753983	K-08-0134	14.67	17.07	GSCH	GSCH	Non-Mineralized	N-AML	890	0.07	5	13			250	<20	0.27	<10	<10	115	<10		
E754000	K-08-0134	54.23	57.23	GSCH	GSCH	Non-Mineralized	N-AML	430	0.15	<5	5			178	<20	0.16	<10	<10	46	<10		
E754004	K-08-0134	66.31	69.25	GSCH	GSCH	Non-Mineralized	N-AML	600	0.57	<5	8			148	<20	0.24	<10	<10	73	<10		
E754003	K-08-0134	63.33	66.31	GSCH	GSCH	Non-Mineralized	N-AML	500	0.42	<5	5			151	<20	0.17	<10	<10	49	<10		
E754002	K-08-0134	60.35	63.33	GSCH	GSCH	Non-Mineralized	N-AML	1020	0.3	11	14			224	<20	0.3	<10	<10	128	<10		
E753999	K-08-0134	51.3	54.23	GSCH	GSCH	Non-Mineralized	N-AML	780	0.29	<5	10			190	<20	0.29	<10	<10	96	<10		
E754001	K-08-0134	57.23	60.35	GSCH	GSCH	Non-Mineralized	N-AML	550	0.36	<5	6			166	<20	0.2	<10	<10	63	<10		
E753989	K-08-0134	27.24	30.18	GSCH	GSCH	Non-Mineralized	N-AML	490	0.14	<5	6			100	<20	0.2	<10	<10	54	<10		
E753998	K-08-0134	48.25	51.3	GSCH	GSCH	Non-Mineralized	N-AML	730	0.38	5	11			222	<20	0.28	<10	<10	100	<10		
E753997	K-08-0134	45.25	48.25	GSCH	GSCH	Mineralized	P-AML	50	0.28	<5	<1			6280	40	0.01	<10	<10	1	<10		
E753995	K-08-0134	42.31	45.25	GSCH	GSCH	Non-Mineralized	N-AML	380	0.27	<5	5			95	<20	0.17	<10	<10	47	<10		
E753994	K-08-0134	39.21	42.31	GSCH	GSCH	Non-Mineralized	N-AML	720	0.5	<5	8			162	<20	0.23	<10	<10	72	<10		
E753993	K-08-0134	36.2	39.21	GSCH	GSCH	Non-Mineralized	N-AML	600	0.09	<5	10			199	<20	0.27	<10	<10	92	<10		
E753990	K-08-0134	30.18	33.1	GSCH	GSCH	Non-Mineralized	N-AML	660	0.07	5	10			144	<20	0.26	<10	<10	89	<10		
E753988	K-08-0134	24.24	27.24	GSCH	GSCH	Non-Mineralized	N-AML	720	0.22	<5	9			179	<20	0.27	<10	<10	84	<10		
E753991	K-08-0134	33.1	36.2	GSCH	GSCH	Non-Mineralized	N-AML	450	0.07	5	6			129	<20	0.2	<10	<10	54	<10		
E754035	K-08-0134	136.13	138.02	GSCH	GSCH	Non-Mineralized	N-AML	850	0.7	<5	9			223	<20	0.27	<10	<10	93	<10		
E754037	K-08-0134	139.3	142.9	GSCH	GSCH	Non-Mineralized	N-AML	390	0.23	<5	3			113	<20	0.11	<10	<10	28	<10		
E754036	K-08-0134	138.02	139.3	GSCH	GSCH	Non-Mineralized	N-AML	690	0.7	<5	11			184	<20	0.32	<10	<10	111	<10		
E754046	K-08-0134	163.59	165.64	GSCH	GSCH	Non-Mineralized	N-AML	1220	0.8	9	15			238	<20	0.48	<10	<10	172	<10		
E770047	K-08-0135	26.5	28.23	GSCH	GSCH	Non-Mineralized	N-AML	690	0.09	<5	12			166	<20	0.33	<10	<10	112	<10		
E770043	K-08-0135	17.5	20.5	GSCH	GSCH	Non-Mineralized	N-AML	1080	0.05	<5	15			216	<20	0.32	<10	<10	133	<10		
E770045	K-08-0135	23.5	26.5	GSCH	GSCH	Non-Mineralized	N-AML	720	0.11	<5	11			177	<20	0.3	<10	<10	101	<10		
E770044	K-08-0135	20.5	23.5	GSCH	GSCH	Non-Mineralized	N-AML	750	0.07	<5	13			202	<20	0.31	<10	<10	122	<10		
E770042	K-08-0135	14.43	17.5	GSCH	GSCH	Non-Mineralized	N-AML	720	0.05	<5	13			210	<20	0.32	<10	<10	113	<10		
E770050	K-08-0135	30.76	32.69	GSCH	GSCH	Non-Mineralized	N-AML	650	0.08	<5	11			195	<20	0.34	<10	<10	97	<10		
E770058	K-08-0135	51.16	53.5	GSCH	GSCH	Non-Mineralized	P-AML	600	0.14	<5	10			130	<20	0.29	<10	<10	95	<10		
E602635	K-08-0136	12.57	14.63	GSCH	GSCH	Non-Mineralized	N-AML	900	0.06	<5	5			79	<20	0.17	<10	<10	55	<10		
E602649	K-08-0136	40	42.52	GSCH	GSCH	Non-Mineralized	N-AML	650	0.24	13	21			86	<20	0.23	<10	<10	226	<10		
E602675	K-08-0136	94.4	95.91	GSCH	GSCH	Non-Mineralized	N-AML	1150	0.61	<5	12			171	<20	0.39	<10	<10	125	<10		
E602672	K-08-0136	91.85	93.81	GSCH	GSCH	Non-Mineralized	N-AML	930	0.54	<5	11			187	<20	0.36	<10	<10	112	<10		
E602673	K-08-0136	93.81	94.4	GSCH	GSCH	Non-Mineralized	N-AML	860	1.01	<5	9			137	<20	0.3	<10	<10	97	<10		
E602679	K-08-0136	103.81	106.07	GSCH	GSCH	Non-Mineralized	N-AML	470	0.42	<5	5			81	<20	0.16	<10	<10	48	<10		
E602680	K-08-0136	106.07	108.55	GSCH	GSCH	Non-Mineralized	N-AML	780	0.49	<5	10			152	<20	0.32	<10	<10	105	<10		
E602681	K-08-0136	108.55	111.38	GSCH	GSCH	Non-Mineralized	N-AML	190	0.12	<5	1			14	<20	0.08	<10	<10	11	<10		
E602685	K-08-0136	114.1	116.04	GSCH	GSCH	Non-Mineralized	N-AML	700	0.97	<5	7			126	<20	0.28	<10	<10	75	<10		
E602684	K-08-0136	112.38	114.1	GSCH	GSCH	Non-Mineralized	N-AML	760	0.97	<5	7			127	<20	0.29	<10	<10	87	<10		
E602683	K-08-0136	111.38	112.38	GSCH	GSCH	Non-Mineralized	N-AML	200	0.29	<5	2			21	<20	0.09	<10	<10	21	10		
E602690	K-08-0136	123	124.26	GSCH	GSCH	Non-Mineralized	N-AML	1190	1.19	7	14			216	<20	0.44	<10	<10	159	10		
E602699	K-08-0136	139	141.27	GSCH	GSCH	Non-Mineralized	N-AML	670	0.83	8	7			96	<20	0.23	<10	<10	86	<10		
E602724	K-08-0136	178.05	179.22	GSCH	GSCH	Non-Mineralized	N-AML	560	0.64	9	5			27	<20	0.16	<10	<10	54	<10		
E602723	K-08-0136	176.34	178.05	GSCH	GSCH	Non-Mineralized	N-AML	570	0.58	8	7			48	<20	0.22	10	<10	81	<10		
E602722	K-08-0136	174.34	176.34	GSCH	GSCH	Non-Mineralized	N-AML	570	0.46	7	6			35	<20	0.19	<10	<10	66	<10		
E602769	K-08-0137	97.15	97.65	GSCH	GSCH	Non-Mineralized	N-AML	250	0.18	<5	2			11	<20	0.07	<10	<10	17	<10		
E602765	K-08-0137	87.78	90.83	GSCH	GSCH	Non-Mineralized	N-AML	230	0.11	<5	2			57	<20	0.08	<10	<10	20	<10		
E602772	K-08-0137	97.95	98.73	GSCH	GSCH	Non-Mineralized	N-AML	520	0.42	7	5			29	<20	0.19	<10	<10	55	<10		
E602764	K-08-0137	84.73	87.78	GSCH	GSCH	Non-Mineralized	N-AML	550	0.25	<5	5			65	<20	0.18	<10	<10	53	<10		
E602766	K-08-0137	90.83	93.88	GSCH	GSCH	Non-Mineralized	N-AML	550	0.67	<5	7			129	<20	0.23	<10	<10	76	<10		
E602767	K-08-0137	93.88	96.25	GSCH	GSCH	Non-Mineralized	N-AML	500	0.27	<5	4			80	<20	0.14	<10	<10	45	<10		
E602768	K-08-0137	96.25	97.15	GSCH	GSCH	Non-Mineralized	N-AML	850	0.27	9	9			141	<20	0.31	<10	<10	87	<10		
E602773	K-08-0137	98.73	99.97	GSCH	GSCH	Non-Mineralized	N-AML	370	0.49	<5	4			31	<20	0.16	<10	<10	47	<10		
E602774	K-08-0137	99.97	103.02	GSCH	GSCH	Non-Mineralized	N-AML	390	0.26	<5	4			37	<20	0.16	<10	<10	50	<10		
E777282	K-08-0138	80.64	82.04	GSCH	GSCH	Non-Mineralized	N-AML	920	0.59	<5	12			222	<20	0.34	<10	<10	118	10		
E777284	K-08-0138	83.1	86.12	GSCH	GSCH	Non-Mineralized	N-AML	700	1.08	5	10			188	<20	0.31	10	<10	103	<10		
E777310	K-08-0138	121.93	122.95	GSCH	GSCH	Non-Mineralized	N-AML	1060	0.96	8	11			166	<20	0.34	<10	<10	135	<10		
E777327	K-08-0138	146.68	147.75	GSCH	GSCH	Non-Mineralized	P-AML	880	0.89	8	9			112	<20	0.32	<10	<10	103	<10		
E770164	K-08-0139	128.47	129.46	GSCH	GSCH	Non-Mineralized	N-AML	640	1.09	5	12			148	<20	0.35	<10	<10	102	<10		
E770177	K-08-0139	142.45	145.69	GSCH	GSCH	Non-Mineralized	P-AML	610	0.57	10	8			57	<20	0.26	<10	<10	80	<10		
E754218	K-08-0140	211.8	213.1	GSCH	GSCH	Non-Mineralized	N-AML	700	0.05	<5	17			112	<20	0.46	<10	<10	241	<10		
E754217	K-08-0140	210.36	211.8	GSCH	GSCH	Mineralized	P-AML	690	0.02	<5	16			102	<20	0.45	<10	<10	230	<10		
E770220	K-08-0141	60.35	63.25	GSCH	GSCH	Non-Mineralized	N-AML	470	0.99	<5	13			75	<20	0.22	<10	<10	151	<10		
E770221	K-08-0141	63.25	66.25	GSCH	GSCH	Non-Mineralized	N-AML	360	0.22	<5	6			96	<20	0.11	<10	<10	54	<10		
E770226	K-08-0141	73.26	75.92	GSCH	GSCH	Non-Mineralized	P-AML	740	0.66	<5	11			147	<20	0.32	<10	<10	109	<10		
E770232	K-08-0141	88.46	90.25	GSCH	GSCH	Non-Mineralized	N-AML	1000	0.36	6	13			195	<20	0.39	<10	<10	140	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E777349	K-08-0142	4.57	6	GSCH	GSCH	Non-Mineralized	P-AML	1230	0.01	<5	17			211	20	0.38	<10	<10	165	<10		
E777356	K-08-0142	19.68	20.73	GSCH	GSCH	Non-Mineralized	N-AML	950	0.07	<5	15			277	<20	0.46	<10	<10	163	<10		
E777371	K-08-0142	45.82	46.93	GSCH	GSCH	Non-Mineralized	P-AML	790	0.55	<5	14			151	<20	0.3	<10	<10	166	<10		
E777372	K-08-0142	46.93	49.49	GSCH	GSCH	Non-Mineralized	N-AML	370	0.66	<5	11			52	<20	0.14	<10	<10	125	<10		
E777385	K-08-0142	74.72	77.18	GSCH	GSCH	Non-Mineralized	N-AML	380	0.19	<5	4			64	<20	0.15	10	<10	40	<10		
E777384	K-08-0142	72.28	74.72	GSCH	GSCH	Non-Mineralized	N-AML	700	0.19	<5	8			190	<20	0.28	<10	<10	80	<10		
E777382	K-08-0142	70.16	72.28	GSCH	GSCH	Non-Mineralized	N-AML	670	0.19	<5	11			212	<20	0.37	<10	<10	109	<10		
E777392	K-08-0142	88.8	91.1	GSCH	GSCH	Non-Mineralized	N-AML	540	0.41	7	7			150	<20	0.23	10	<10	72	<10		
E777397	K-08-0142	99.57	101.6	GSCH	GSCH	Non-Mineralized	P-AML	1280	0.65	10	12			98	<20	0.38	10	<10	132	<10		
E602824	K-08-0144	42.06	45.11	GSCH	GSCH	Non-Mineralized	N-AML	550	1.1	5	15			79	<20	0.24	<10	<10	165	<10		
E602826	K-08-0144	47.1	48.16	GSCH	GSCH	Mineralized	P-AML	640	0.11	<5	30			283	<20	0.57	<10	<10	269	<10		
E602825	K-08-0144	45.11	47.1	GSCH	GSCH	Non-Mineralized	N-AML	620	1.12	<5	14			93	<20	0.21	10	<10	162	<10		
E602822	K-08-0144	40.43	42.06	GSCH	GSCH	Non-Mineralized	N-AML	240	0.18	6	2			39	<20	0.1	10	<10	26	<10		
E770285	K-08-0145	64.08	65.36	GSCH	GSCH	Non-Mineralized	P-AML	830	0.17	6	15			260	<20	0.42	<10	<10	153	<10		
E770309	K-08-0145	94.49	95.5	GSCH	GSCH	Non-Mineralized	P-AML	880	0.37	<5	8			64	<20	0.29	<10	<10	86	<10		
E770310	K-08-0145	95.5	96.54	GSCH	GSCH	Non-Mineralized	P-AML	710	0.18	5	7			63	<20	0.26	<10	<10	73	<10		
E777419	K-08-0146	62.79	64.46	GSCH	GSCH	Non-Mineralized	N-AML	590	0.37	<5	6			139	<20	0.21	10	<10	64	<10		
E777420	K-08-0146	64.46	67.13	GSCH	GSCH	Non-Mineralized	N-AML	410	0.23	<5	5			121	<20	0.18	<10	<10	51	<10		
E777421	K-08-0146	67.13	70.13	GSCH	GSCH	Non-Mineralized	N-AML	820	0.4	5	9			189	<20	0.3	<10	<10	95	<10		
E777423	K-08-0146	70.13	73.22	GSCH	GSCH	Non-Mineralized	N-AML	650	0.25	6	10			158	<20	0.32	<10	<10	106	<10		
E777434	K-08-0146	91.81	94	GSCH	GSCH	Non-Mineralized	N-AML	500	0.28	23	6			58	<20	0.2	<10	<10	64	<10		
E777465	K-08-0146	123.88	126	GSCH	GSCH	Non-Mineralized	N-AML	610	0.8	5	8			92	<20	0.22	<10	<10	91	<10		
E777466	K-08-0146	126	128.15	GSCH	GSCH	Non-Mineralized	N-AML	870	1.43	8	11			129	<20	0.34	<10	<10	120	10		
E777473	K-08-0146	138	140.45	GSCH	GSCH	Non-Mineralized	N-AML	900	0.82	9	9			110	<20	0.31	<10	<10	105	10		
E777472	K-08-0146	136	138	GSCH	GSCH	Non-Mineralized	P-AML	930	0.65	8	10			123	<20	0.33	<10	<10	114	<10		
E777471	K-08-0146	134	136	GSCH	GSCH	Non-Mineralized	N-AML	1290	2.08	8	11			150	<20	0.36	<10	<10	126	10		
E777470	K-08-0146	132.79	134	GSCH	GSCH	Non-Mineralized	P-AML	1350	1.82	11	11			143	<20	0.35	<10	<10	134	<10		
E602880	K-08-0147	72.54	73.97	GSCH	GSCH	Non-Mineralized	P-AML	800	1.22	5	13			150	<20	0.32	<10	<10	145	<10		
E602881	K-08-0147	73.97	75.35	GSCH	GSCH	Non-Mineralized	P-AML	840	1.03	6	17			163	<20	0.4	10	<10	189	<10		
E602894	K-08-0147	95.37	97.27	GSCH	GSCH	Non-Mineralized	N-AML	300	0.13	10	12			61	<20	0.21	<10	<10	136	<10		
E754308	K-08-0148	143.32	146.3	GSCH	GSCH	Non-Mineralized	N-AML	440	0.29	<5	5			35	<20	0.2	<10	<10	59	<10		
E754309	K-08-0148	146.3	149.35	GSCH	GSCH	Non-Mineralized	N-AML	480	1.14	<5	6			41	<20	0.19	10	<10	63	<10		
E754312	K-08-0148	152.4	153.06	GSCH	GSCH	Non-Mineralized	N-AML	690	0.58	6	9			67	<20	0.29	<10	<10	104	<10		
E754311	K-08-0148	149.35	152.4	GSCH	GSCH	Non-Mineralized	N-AML	720	1.35	5	8			63	<20	0.23	10	<10	84	<10		
E602932	K-08-0149	37.34	38.71	GSCH	GSCH	Non-Mineralized	P-AML	610	0.04	<5	9			132	<20	0.26	<10	<10	84	<10		
E602933	K-08-0149	38.71	40.54	GSCH	GSCH	Non-Mineralized	N-AML	1440	0.21	<5	9			405	<20	0.2	<10	<10	82	<10		
E602930	K-08-0149	31.39	34.44	GSCH	GSCH	Non-Mineralized	N-AML	680	0.08	6	11			120	<20	0.23	10	<10	97	<10		
E602931	K-08-0149	34.44	37.34	GSCH	GSCH	Non-Mineralized	N-AML	510	0.05	<5	8			114	<20	0.19	<10	<10	67	<10		
E602934	K-08-0149	40.54	43.59	GSCH	GSCH	Non-Mineralized	N-AML	750	0.17	<5	7			86	<20	0.17	<10	<10	61	<10		
E602941	K-08-0149	57	59.05	GSCH	GSCH	Non-Mineralized	N-AML	1110	0.58	8	15			228	<20	0.35	<10	<10	152	<10		
E602940	K-08-0149	53.95	57	GSCH	GSCH	Non-Mineralized	N-AML	1010	0.26	11	19			240	20	0.03	<10	<10	17	<10		
E602939	K-08-0149	50.9	53.95	GSCH	GSCH	Non-Mineralized	N-AML	980	0.42	6	14			235	<20	0.33	<10	<10	122	<10		
E602946	K-08-0149	66.14	69.19	GSCH	GSCH	Non-Mineralized	N-AML	900	0.75	5	15			243	<20	0.4	<10	<10	166	<10		
E602947	K-08-0149	69.19	72.24	GSCH	GSCH	Non-Mineralized	N-AML	1070	1.6	<5	17			254	20	0.35	<10	<10	172	<10		
E602948	K-08-0149	72.24	75.29	GSCH	GSCH	Non-Mineralized	N-AML	960	0.83	5	13			236	<20	0.33	<10	<10	138	10		
E602949	K-08-0149	75.29	77.65	GSCH	GSCH	Non-Mineralized	N-AML	1030	0.68	<5	16			264	<20	0.37	<10	<10	171	<10		
E602950	K-08-0149	77.65	78.13	GSCH	GSCH	Non-Mineralized	N-AML	1410	0.73	<5	16			236	<20	0.29	10	<10	157	10		
E602953	K-08-0149	81.95	83.77	GSCH	GSCH	Non-Mineralized	N-AML	720	0.23	<5	10			141	<20	0.23	<10	<10	92	<10		
E602952	K-08-0149	78.13	81.95	GSCH	GSCH	Non-Mineralized	N-AML	1060	0.73	<5	14			232	<20	0.31	<10	<10	140	<10		
E602945	K-08-0149	63.49	66.14	GSCH	GSCH	Non-Mineralized	N-AML	860	0.23	<5	14			220	<20	0.3	<10	<10	122	<10		
E770346	K-08-0150	110.33	112.66	GSCH	GSCH	Non-Mineralized	N-AML	700	0.64	<5	8			175	<20	0.27	<10	<10	83	<10		
E770344	K-08-0150	108	110.33	GSCH	GSCH	Non-Mineralized	N-AML	540	0.42	<5	5			112	<20	0.19	<10	<10	53	<10		
E602999	K-08-0151	15.99	17.99	GSCH	GSCH	Non-Mineralized	N-AML	510	0.13	<5	8			162	<20	0.23	<10	<10	73	<10		
E602997	K-08-0151	14.02	15.99	GSCH	GSCH	Non-Mineralized	N-AML	1270	0.07	<5	15			221	<20	0.34	<10	<10	142	<10		
E602996	K-08-0151	12.01	14.02	GSCH	GSCH	Non-Mineralized	N-AML	800	0.11	<5	10			203	<20	0.28	<10	<10	98	<10		
E602994	K-08-0151	8.18	10.09	GSCH	GSCH	Non-Mineralized	N-AML	600	0.06	5	5			110	<20	0.15	<10	<10	54	<10		
E602993	K-08-0151	4.88	8.18	GSCH	GSCH	Non-Mineralized	N-AML	220	0.03	<5	2			19	<20	0.08	<10	<10	19	<10		
E602995	K-08-0151	10.09	12.01	GSCH	GSCH	Non-Mineralized	N-AML	840	0.06	7	12			165	<20	0.32	<10	<10	118	<10		
E603004	K-08-0151	26.21	29.26	GSCH	GSCH	Non-Mineralized	N-AML	830	0.06	<5	10			186	<20	0.25	<10	<10	97	<10		
E603001	K-08-0151	19.96	21.96	GSCH	GSCH	Non-Mineralized	N-AML	860	0.12	9	16			228	<20	0.32	<10	<10	151	<10		
E603002	K-08-0151	21.96	23.16	GSCH	GSCH	Non-Mineralized	N-AML	920	0.08	7	15			219	<20	0.29	<10	<10	133	<10		
E603003	K-08-0151	23.16	26.21	GSCH	GSCH	Non-Mineralized	N-AML	1180	0.08	5	12			254	<20	0.27	<10	<10	112	<10		
E603000	K-08-0151	17.99	19.96	GSCH	GSCH	Non-Mineralized	N-AML	740	0.14	<5	13			205	<20	0.32	<10	<10	121	<10		
E603005	K-08-0151	29.26	32.26	GSCH	GSCH	Non-Mineralized	N-AML	890	0.05	7	15			210	<20	0.35	<10	<10	134	<10		
E777491	K-08-0152	179.7	182.37	GSCH	GSCH	Non-Mineralized	N-AML	710	0.86	6	13			217	<20	0.37	<10	<10	129	<10		
E777492	K-08-0152	182.37	185	GSCH	GSCH	Non-Mineralized	N-AML	330	0.32	<5	5			115	<20	0.14	<10	<10	36	<10		
E777493	K-08-0152	185	188	GSCH	GSCH	Non-Mineralized	N-AML	320	0.24	<5	6			79	<20	0.17	<10	<10	47	<10		
E777494	K-08-0152	188	191	GSCH	GSCH	Non-Mineralized	N-AML	760	0.68	<5	9			143	<20	0.27	<10	<10	92	<10		
E777495	K-08-0152	191	193.06	GSCH	GSCH	Non-Mineralized	N-AML	700	0.48	<5	9			103	<20	0.27	10	<10	85	<10		
E777503	K-08-0152	206.78	208.78	GSCH	GSCH	Non-Mineralized	N-AML	840	0.83	<5	8			153	<20	0.3	<10	<10	88	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E777508	K-08-0152	217.43	218.2	GSCH	GSCH	Non-Mineralized	P-AML	1070	0.55	8	15			122	<20	0.41	<10	<10	171	<10		
E603073	K-08-0155	24.08	25.45	GSCH	GSCH	Non-Mineralized	N-AML	920	0.21	7	14			198	<20	0.3	<10	<10	120	<10		
E603070	K-08-0155	17.98	21.03	GSCH	GSCH	Non-Mineralized	N-AML	840	0.15	<5	17			268	20	0.31	<10	<10	151	<10		
E603069	K-08-0155	14.94	17.98	GSCH	GSCH	Non-Mineralized	N-AML	630	0.12	5	11			176	<20	0.27	<10	<10	100	<10		
E603068	K-08-0155	11.89	14.94	GSCH	GSCH	Non-Mineralized	N-AML	840	0.08	5	14			209	<20	0.3	<10	<10	132	<10		
E603067	K-08-0155	8.84	11.89	GSCH	GSCH	Non-Mineralized	N-AML	760	0.09	6	10			108	<20	0.21	<10	<10	81	<10		
E603066	K-08-0155	4.57	8.84	GSCH	GSCH	Non-Mineralized	N-AML	630	0.04	<5	9			74	<20	0.21	<10	<10	76	<10		
E603071	K-08-0155	21.03	24.08	GSCH	GSCH	Non-Mineralized	N-AML	960	0.11	7	15			249	<20	0.3	<10	<10	134	<10		
E603087	K-08-0155	53	54.56	GSCH	GSCH	Non-Mineralized	N-AML	390	0.2	<5	3			119	<20	0.14	<10	<10	37	<10		
E603088	K-08-0155	54.56	54.9	GSCH	GSCH	Non-Mineralized	N-AML	230	0.16	<5	2			60	<20	0.07	<10	<10	24	<10		
E770429	K-08-0156	18.1	20.19	GSCH	GSCH	Non-Mineralized	N-AML	500	0.04	<5	6			58	<20	0.2	<10	<10	60	<10		
E770428	K-08-0156	15.95	18.1	GSCH	GSCH	Non-Mineralized	P-AML	930	0.02	<5	11			123	<20	0.25	<10	<10	97	10		
E770432	K-08-0156	26.19	29.2	GSCH	GSCH	Non-Mineralized	N-AML	640	0.07	<5	11			163	<20	0.29	<10	<10	105	<10		
E770436	K-08-0156	35.17	38.18	GSCH	GSCH	Non-Mineralized	N-AML	580	0.14	<5	9			150	<20	0.23	<10	<10	84	<10		
E770434	K-08-0156	29.2	32.19	GSCH	GSCH	Non-Mineralized	N-AML	1000	0.08	<5	13			213	<20	0.31	<10	<10	120	<10		
E770431	K-08-0156	23.21	26.19	GSCH	GSCH	Non-Mineralized	N-AML	1140	0.04	<5	13			197	<20	0.3	<10	<10	125	<10		
E770430	K-08-0156	20.19	23.21	GSCH	GSCH	Non-Mineralized	N-AML	680	0.08	<5	12			183	<20	0.32	<10	<10	115	<10		
E770438	K-08-0156	38.18	40.69	GSCH	GSCH	Non-Mineralized	N-AML	660	0.12	5	10			171	<20	0.27	<10	<10	92	<10		
E770435	K-08-0156	32.19	35.17	GSCH	GSCH	Non-Mineralized	N-AML	780	0.07	<5	12			199	<20	0.32	<10	<10	111	<10		
E770444	K-08-0156	54.66	57.66	GSCH	GSCH	Non-Mineralized	N-AML	700	0.11	6	11			163	<20	0.32	10	<10	101	<10		
E770445	K-08-0156	57.66	60.64	GSCH	GSCH	Non-Mineralized	N-AML	580	0.13	<5	7			100	<20	0.23	10	<10	69	<10		
E770447	K-08-0156	60.64	62.89	GSCH	GSCH	Non-Mineralized	N-AML	720	0.19	<5	10			157	<20	0.27	10	<10	93	<10		
E770448	K-08-0156	62.89	65.1	GSCH	GSCH	Non-Mineralized	N-AML	970	0.24	<5	16			243	<20	0.38	<10	<10	159	<10		
E770457	K-08-0156	80.84	82.55	GSCH	GSCH	Non-Mineralized	P-AML	1090	0.19	9	15			176	<20	0.29	<10	<10	139	<10		
E770458	K-08-0156	82.55	83.18	GSCH	GSCH	Non-Mineralized	N-AML	270	0.23	<5	3			24	<20	0.08	<10	<10	25	<10		
E770462	K-08-0156	84.46	85.55	GSCH	GSCH	Non-Mineralized	N-AML	490	0.94	29	14			38	<20	0.1	<10	<10	157	<10		
E770456	K-08-0156	79.18	80.84	GSCH	GSCH	Non-Mineralized	N-AML	1040	0.08	<5	16			243	<20	0.37	<10	<10	142	<10		
E770464	K-08-0156	86.06	87.06	GSCH	GSCH	Non-Mineralized	N-AML	330	0.43	7	3			15	<20	0.07	<10	<10	34	<10		
E770452	K-08-0156	69.43	72.24	GSCH	GSCH	Non-Mineralized	N-AML	1000	0.19	9	12			146	<20	0.3	<10	<10	114	<10		
E770453	K-08-0156	72.24	75.29	GSCH	GSCH	Non-Mineralized	N-AML	800	0.23	6	10			150	<20	0.29	<10	<10	92	<10		
E770454	K-08-0156	75.29	77.7	GSCH	GSCH	Non-Mineralized	N-AML	750	0.23	7	10			133	<20	0.28	<10	<10	96	<10		
E603164	K-08-0157	41	42.75	GSCH	GSCH	Non-Mineralized	N-AML	510	0.08	<5	7			114	<20	0.19	<10	<10	64	<10		
E603163	K-08-0157	39	41	GSCH	GSCH	Non-Mineralized	N-AML	700	0.1	<5	12			232	<20	0.28	<10	<10	105	<10		
E603162	K-08-0157	36	39	GSCH	GSCH	Non-Mineralized	N-AML	870	0.12	<5	12			259	<20	0.27	<10	<10	109	10		
E603161	K-08-0157	33	36	GSCH	GSCH	Non-Mineralized	N-AML	720	0.06	<5	13			209	<20	0.28	<10	<10	119	<10		
E603160	K-08-0157	30.65	33	GSCH	GSCH	Non-Mineralized	N-AML	1000	0.06	<5	12			198	<20	0.32	<10	<10	111	<10		
E603179	K-08-0157	65.81	68	GSCH	GSCH	Non-Mineralized	N-AML	620	0.07	5	10			147	<20	0.24	<10	<10	91	<10		
E603181	K-08-0157	70	72	GSCH	GSCH	Non-Mineralized	P-AML	530	0.07	7	10			120	<20	0.25	<10	<10	92	<10		
E603182	K-08-0157	72	74	GSCH	GSCH	Non-Mineralized	N-AML	610	0.14	<5	4			44	<20	0.14	<10	<10	39	<10		
E603180	K-08-0157	68	70	GSCH	GSCH	Non-Mineralized	N-AML	470	0.07	<5	7			108	<20	0.21	<10	<10	69	<10		
E603183	K-08-0157	74	75.29	GSCH	GSCH	Non-Mineralized	N-AML	780	0.15	7	9			99	<20	0.26	<10	<10	87	<10		
E603184	K-08-0157	75.29	78.33	GSCH	GSCH	Non-Mineralized	N-AML	670	0.1	<5	3			42	<20	0.09	<10	<10	31	<10		
E603186	K-08-0157	80	81.38	GSCH	GSCH	Non-Mineralized	N-AML	970	0.45	10	15			216	<20	0.29	10	<10	139	<10		
E603185	K-08-0157	78.33	80	GSCH	GSCH	Non-Mineralized	N-AML	880	0.27	13	15			206	20	0.36	<10	<10	149	<10		
E603193	K-08-0157	87	88	GSCH	GSCH	Non-Mineralized	N-AML	1000	0.14	11	12			141	<20	0.28	<10	<10	104	<10		
E603192	K-08-0157	85.15	87	GSCH	GSCH	Non-Mineralized	N-AML	1090	0.24	16	16			157	<20	0.33	10	<10	150	<10		
E770499	K-08-0158	13.94	16.94	GSCH	GSCH	Non-Mineralized	N-AML	820	0.12	<5	10			275	<20	0.31	<10	<10	94	<10		
E770500	K-08-0158	16.94	19.93	GSCH	GSCH	Non-Mineralized	N-AML	470	0.08	6	7			122	<20	0.22	10	<10	67	<10		
E770501	K-08-0158	19.93	23.1	GSCH	GSCH	Non-Mineralized	N-AML	590	0.05	8	9			119	<20	0.19	<10	<10	79	<10		
E770502	K-08-0158	23.1	25.93	GSCH	GSCH	Non-Mineralized	N-AML	550	0.08	7	8			98	<20	0.23	<10	<10	79	<10		
E770504	K-08-0158	28.93	31.94	GSCH	GSCH	Non-Mineralized	N-AML	840	0.08	6	13			223	<20	0.31	<10	<10	133	<10		
E770507	K-08-0158	34.91	36.43	GSCH	GSCH	Non-Mineralized	N-AML	790	0.08	<5	13			255	<20	0.3	<10	<10	121	<10		
E770505	K-08-0158	31.94	34.91	GSCH	GSCH	Non-Mineralized	N-AML	730	0.07	<5	12			237	<20	0.3	10	<10	117	<10		
E770508	K-08-0158	36.43	38.1	GSCH	GSCH	Non-Mineralized	N-AML	750	0.09	6	10			208	<20	0.27	<10	<10	93	<10		
E770503	K-08-0158	25.93	28.93	GSCH	GSCH	Non-Mineralized	N-AML	980	0.06	11	13			201	<20	0.28	<10	<10	116	<10		
E770512	K-08-0158	41.4	43.26	GSCH	GSCH	Non-Mineralized	N-AML	760	0.19	6	14			194	<20	0.33	<10	<10	132	<10		
E770513	K-08-0158	43.26	45.12	GSCH	GSCH	Non-Mineralized	N-AML	750	0.49	<5	13			191	<20	0.34	<10	<10	123	<10		
E770520	K-08-0158	57.84	60.07	GSCH	GSCH	Non-Mineralized	N-AML	410	0.15	<5	5			96	<20	0.14	<10	<10	49	<10		
E770519	K-08-0158	56.07	57.84	GSCH	GSCH	Non-Mineralized	N-AML	620	0.09	5	11			174	<20	0.31	<10	<10	103	<10		
E770518	K-08-0158	54.22	56.07	GSCH	GSCH	Non-Mineralized	N-AML	520	0.15	<5	9			139	<20	0.29	<10	<10	84	<10		
E770528	K-08-0158	77.52	79.95	GSCH	GSCH	Non-Mineralized	N-AML	870	0.31	<5	15			229	<20	0.39	<10	<10	143	<10		
E770527	K-08-0158	75.74	77.52	GSCH	GSCH	Non-Mineralized	N-AML	220	0.07	<5	1			26	<20	0.09	<10	<10	15	<10		
E770526	K-08-0158	73.12	75.74	GSCH	GSCH	Non-Mineralized	N-AML	810	0.32	<5	14			267	<20	0.34	<10	<10	145	<10		
E770525	K-08-0158	70.18	73.12	GSCH	GSCH	Non-Mineralized	N-AML	810	0.2	<5	11			183	<20	0.31	<10	<10	105	<10		
E770524	K-08-0158	67.92	70.18	GSCH	GSCH	Non-Mineralized	N-AML	190	0.09	<5	4			57	<20	0.16	<10	<10	37	<10		
E770523	K-08-0158	65.54	67.92	GSCH	GSCH	Non-Mineralized	N-AML	710	0.17	<5	12			178	<20	0.31	<10	<10	112	<10		
E770530	K-08-0158	79.95	82.96	GSCH	GSCH	Non-Mineralized	N-AML	550	0.68	<5	8			156	<20	0.26	<10	<10	88	<10		
E770531	K-08-0158	82.96	85.94	GSCH	GSCH	Non-Mineralized	N-AML	470	0.43	<5	5			114	<20	0.17	<10	<10	58	<10		
E770532	K-08-0158	85.94	88.94	GSCH	GSCH	Non-Mineralized	N-AML	850	0.2	<5	11			212	<20	0.32	<10	<10	108	<10		
E770533	K-08-0158	88.94	91.94	GSCH	GSCH	Non-Mineralized	N-AML	480	0.27	<5	4			106	<20	0.13	<10	<10	42	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E770535	K-08-0158	91.94	94.92	GSCH	GSCH	Non-Mineralized	N-AML	770	0.46	<5	5			108	<20	0.19	<10	<10	54	<10		
E770536	K-08-0158	94.92	96.12	GSCH	GSCH	Non-Mineralized	N-AML	650	0.74	<5	10			146	<20	0.29	<10	<10	97	<10		
E770540	K-08-0158	98.5	99.78	GSCH	GSCH	Non-Mineralized	N-AML	460	0.7	<5	4			106	<20	0.18	<10	<10	47	<10		
E770542	K-08-0158	100.28	100.75	GSCH	GSCH	Non-Mineralized	N-AML	520	0.48	<5	5			67	<20	0.2	<10	<10	59	<10		
E770590	K-08-0158	153.4	155.14	GSCH	GSCH	Non-Mineralized	N-AML	890	0.57	11	15			137	<20	0.41	<10	<10	159	<10		
E770589	K-08-0158	151.62	153.4	GSCH	GSCH	Non-Mineralized	N-AML	1030	0.99	5	13			196	<20	0.39	<10	<10	161	<10		
E778077	K-08-0175	29.35	32.47	GSCH	GSCH	Non-Mineralized	N-AML	690	0.11	<5	6			152	<20	0.23	<10	<10	67	<10		
E778081	K-08-0175	36.33	38.3	GSCH	GSCH	Non-Mineralized	N-AML	1010	0.24	5	4			104	<20	0.15	<10	<10	46	<10		
E778085	K-08-0175	46.6	49	GSCH	GSCH	Non-Mineralized	N-AML	440	0.14	<5	7			182	<20	0.25	<10	<10	70	<10		
E778086	K-08-0175	49	52	GSCH	GSCH	Non-Mineralized	N-AML	590	0.17	<5	9			260	<20	0.28	<10	<10	90	<10		
E778088	K-08-0175	55	57.41	GSCH	GSCH	Non-Mineralized	N-AML	1060	0.12	6	10			191	<20	0.3	<10	<10	106	<10		
E778087	K-08-0175	52	55	GSCH	GSCH	Non-Mineralized	N-AML	900	0.16	<5	10			162	<20	0.29	<10	<10	105	<10		
E778098	K-08-0175	73.68	74.86	GSCH	GSCH	Non-Mineralized	P-AML	730	0.17	6	12			114	<20	0.31	<10	<10	123	<10		
E778103	K-08-0175	79.11	81.43	GSCH	GSCH	Non-Mineralized	N-AML	850	1.59	5	12			69	<20	0.23	<10	<10	98	<10		
E778107	K-08-0175	86.1	87.48	GSCH	GSCH	Non-Mineralized	P-AML	1010	0.19	18	16			122	20	0.37	<10	<10	132	<10		
E778112	K-08-0175	96	98.51	GSCH	GSCH	Non-Mineralized	N-AML	480	0.36	6	5			169	<20	0.16	<10	<10	46	<10		
E778111	K-08-0175	93	96	GSCH	GSCH	Non-Mineralized	N-AML	990	0.14	9	14			231	<20	0.35	<10	<10	128	<10		
E778110	K-08-0175	90.22	93	GSCH	GSCH	Non-Mineralized	N-AML	650	0.61	<5	9			150	<20	0.27	<10	<10	86	<10		
E778156	K-08-0175	152.95	154.53	GSCH	GSCH	Non-Mineralized	N-AML	760	0.74	<5	13			186	<20	0.37	<10	<10	126	<10		
E778178	K-08-0177	50	52.96	GSCH	GSCH	Non-Mineralized	P-AML	560	0.09	7	8			162	<20	0.28	<10	<10	85	<10		
E778176	K-08-0177	47.79	50	GSCH	GSCH	Non-Mineralized	N-AML	710	0.35	8	10			296	<20	0.35	<10	<10	100	<10		
E778180	K-08-0177	55.57	56.73	GSCH	GSCH	Non-Mineralized	N-AML	700	0.19	6	8			185	<20	0.27	<10	<10	78	<10		
E778182	K-08-0177	58.03	58.93	GSCH	GSCH	Non-Mineralized	P-AML	730	0.2	5	10			169	<20	0.35	<10	<10	107	<10		
E778189	K-08-0177	69.88	70.49	GSCH	GSCH	Non-Mineralized	N-AML	1150	0.86	<5	14			162	<20	0.49	<10	<10	158	<10		
E778196	K-08-0177	80	82.05	GSCH	GSCH	Non-Mineralized	N-AML	1110	0.88	<5	9			220	<20	0.27	<10	<10	94	<10		
E778202	K-08-0177	92	94.26	GSCH	GSCH	Non-Mineralized	P-AML	920	0.94	6	11			187	<20	0.31	<10	<10	108	<10		
E778200	K-08-0177	86.78	89	GSCH	GSCH	Non-Mineralized	N-AML	670	0.73	<5	9			169	<20	0.3	<10	<10	92	<10		
E778201	K-08-0177	89	92	GSCH	GSCH	Non-Mineralized	N-AML	880	0.74	5	7			141	<20	0.25	<10	<10	73	<10		
E778217	K-08-0177	106.53	108	GSCH	GSCH	Non-Mineralized	N-AML	530	0.05	<5	32			212	<20	0.87	<10	<10	306	<10		
E778213	K-08-0177	100.28	103.33	GSCH	GSCH	Non-Mineralized	N-AML	520	0.99	5	3			27	<20	0.11	<10	<10	34	<10		
E778207	K-08-0177	97.98	98.38	GSCH	GSCH	Non-Mineralized	N-AML	850	3.37	7	14			57	<20	0.2	<10	<10	119	10		
E778208	K-08-0177	98.38	98.87	GSCH	GSCH	Non-Mineralized	N-AML	830	3.62	6	14			53	<20	0.22	<10	<10	116	10		
E778228	K-08-0177	128.43	131.37	GSCH	GSCH	Non-Mineralized	N-AML	350	0.77	<5	8			53	<20	0.19	<10	<10	79	<10		
E778244	K-08-0177	153.07	155.89	GSCH	GSCH	Non-Mineralized	N-AML	940	0.67	<5	12			221	<20	0.34	<10	<10	120	<10		
E778258	K-08-0177	180.86	183.3	GSCH	GSCH	Non-Mineralized	N-AML	600	0.54	<5	8			133	<20	0.27	<10	<10	80	<10		
E778263	K-08-0177	191.81	194.81	GSCH	GSCH	Non-Mineralized	N-AML	710	0.54	<5	6			115	<20	0.24	<10	<10	70	<10		
E778262	K-08-0177	189.3	191.81	GSCH	GSCH	Non-Mineralized	N-AML	580	0.31	<5	7			79	<20	0.26	<10	<10	78	<10		
E778268	K-08-0177	201.2	203.56	GSCH	GSCH	Non-Mineralized	N-AML	720	0.49	<5	9			124	<20	0.3	<10	<10	100	<10		
E778273	K-08-0177	208.35	210.0099	GSCH	GSCH	Non-Mineralized	N-AML	830	0.86	<5	6			124	<20	0.24	<10	<10	70	<10		
E756862	K-10-0241	57.39	58.29	GSCH	GSCH	Non-Mineralized	N-AML	406	0.037	8	5	<10	<5	89	<5	0.14	<5	<5	74	1	3	44
E756861	K-10-0241	55.84	57.39	GSCH	GSCH	Non-Mineralized	N-AML	522	0.028	4	9	<10	<5	124	7	0.14	<5	<5	98.5	<1	4	59
E756860	K-10-0241	54.11	55.84	GSCH	GSCH	Non-Mineralized	N-AML	480	0.09	3	8	<10	<5	118	6	0.09	<5	<5	95.5	<1	5	51
E756879	K-10-0241	77.72	78.25	GSCH	GSCH	Non-Mineralized	N-AML	1140	0.137	12	13	<10	<5	89	8	0.07	<5	<5	67.2	1	7	73
E756877	K-10-0241	76.81	77.72	GSCH	GSCH	Non-Mineralized	N-AML	856	0.085	19	11	<10	15	88	6	0.09	<5	<5	86.4	1	4	80
E756876	K-10-0241	75.08	76.81	GSCH	GSCH	Non-Mineralized	N-AML	894	0.082	38	8	<10	22	101	7	0.09	<5	<5	96.5	1	4	64
E756886	K-10-0241	86.37	87.58	GSCH	GSCH	Non-Mineralized	P-AML	1320	0.07	7	15			148	<20	0.32	<10	<10	140	<10		
E756948	K-10-0245	96.32	97.95	GSCH	GSCH	Non-Mineralized	N-AML	440	0.44	10	8			53	<20	0.22	<10	<10	77	<10		
E757002	K-10-0248	58.08	59.7	GSCH	GSCH	Non-Mineralized	N-AML	915	0.261	7	12	<10	<5	187	6	0.14	<5	<5	148	<1	3	75
E757001	K-10-0248	56.08	58.08	GSCH	GSCH	Non-Mineralized	N-AML	882	0.08	7	12	<10	<5	178	6	0.13	<5	<5	157	<1	3	78
E757006	K-10-0248	62.84	64.45	GSCH	GSCH	Non-Mineralized	N-AML	997	0.399	8	9	<10	12	131	<5	0.1	<5	<5	151	2	3	75
E757005	K-10-0248	61.4	62.84	GSCH	GSCH	Non-Mineralized	N-AML	986	0.073	7	9	<10	<5	162	6	0.12	<5	<5	131	<1	3	65
E773110	K-10-0249	114.95	117.78	GSCH	GSCH	Non-Mineralized	P-AML	640	1.09	6	9			82	<20	0.25	<10	<10	81	<10		
E773128	K-10-0249	134.94	136.04	GSCH	GSCH	Non-Mineralized	P-AML	1100	0.88	7	15			116	<20	0.47	<10	<10	168	<10		
E757170	K-10-0253	94.23	94.98	GSCH	GSCH	Mineralized	P-AML	390	2.4	11	10			51	<20	0.3	<10	<10	97	<10		
E773199	K-10-0255	83.85	86.28	GSCH	GSCH	Non-Mineralized	P-AML	1170	0.11	<5	14			131	<20	0.35	<10	<10	149	<10		
E773323	K-10-0267	112.67	113.78	GSCH	GSCH	Non-Mineralized	P-AML	1370	0.38	13	17			144	<20	0.33	<10	<10	154	<10		
E782301	K-10-0316	19.81	20.55	GSCH	GSCH	Non-Mineralized	P-AML	840	0.04	13	23			35	<20	0.73	<10	<10	265	10		
E774910	K-10-0322	152.82	154.62	GSCH	GSCH	Non-Mineralized	N-AML	620	0.51	<5	6			66	<20	0.23	<10	<10	76	<10		
E774927	K-10-0322	176.95	178.3	GSCH	GSCH	Non-Mineralized	N-AML	980	0.63	<5	9			197	<20	0.31	<10	<10	113	<10		
E000104	K-11-0324	23.62	24.08	GSCH	GSCH	Non-Mineralized	P-AML	920	0.02	16	16			165	<20	0.36	10	<10	150	<10		
E000022	K-11-0325	60.53	60.96	GSCH	GSCH	Non-Mineralized	N-AML	670	0.01	<5	16			40	<20	0.24	<10	<10	151	10		
E000026	K-11-0325	63.67	64.01	GSCH	GSCH	Non-Mineralized	N-AML	450	0.07	8	8			54	<20	0.2	<10	<10	87	<10		
E004122	K-11-0326	108.2	110.43	GSCH	GSCH	Non-Mineralized	N-AML	880	0.41	7	15			195	20	0.34	<10	<10	140	<10		
E004121	K-11-0326	106.22	108.2	GSCH	GSCH	Non-Mineralized	P-AML	1070	0.7	11	14			149	<20	0.37	<10	<10	150	<10		
E004009	K-11-0327	98.26	99.58	GSCH	GSCH	Non-Mineralized	P-AML	1100	0.89	12	15			129	20	0.34	<10	<10	142	<10		
E004008	K-11-0327	96.5	98.26	GSCH	GSCH	Non-Mineralized	P-AML	980	0.56	14	14			133	<20	0.33	<10	<10	129	<10		
E004014	K-11-0327	101.78	102.72	GSCH	GSCH	Non-Mineralized	P-AML	720	2.63	8	15			142	20	0.32	10	<10	158	10		
E004011	K-11-0327	100.17	100.58	GSCH	GSCH	Non-Mineralized	P-AML	1080	2.56	15	14			118	20	0.29	<10	<10	131	10		
E000007	K-11-0328	33.53	34.75	GSCH	GSCH	Non-Mineralized	P-AML	610	0.02	9	9			98	<20	0.28	<10	<10	92	<10		
E000065	K-11-0333	87.14	88	GSCH	GSCH	Non-Mineralized	P-AML	1090	0.48	11	16			165	20	0.39	<10	<10	158	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E000068	K-11-0333	90.32	91.5	GSCH	GSCH	Non-Mineralized	P-AML	890	1.17	10	14			174	20	0.33	<10	<10	143	<10		
E000136	K-11-0339	98.65	99.36	GSCH	GSCH	Non-Mineralized	P-AML	1270	0.52	16	19			196	20	0.36	10	<10	171	10		
E000139	K-11-0339	99.66	100	GSCH	GSCH	Non-Mineralized	P-AML	1210	1.74	9	19			197	20	0.57	10	<10	163	<10		
E770320	K-08-0145	104.3	106.07	GSCH	GSCH	Mineralized	P-AML	1110	0.66	11	14			152	<20	0.51	10	<10	156	<10		
E777306	K-08-0138	119.62	120.67	GSCH	GSCH	Mineralized	P-AML	590	0.73	6	9			64	<20	0.25	<10	<10	85	<10		
E602770	K-08-0137	97.65	97.95	GSCH	GSCH	Mineralized	P-AML	160	2.6	185	4			16	<20	0.07	20	10	33	20		
E777395	K-08-0142	96.93	99.57	GSCH	GSCH	Mineralized	P-AML	590	0.37	<5	8			77	<20	0.25	10	<10	83	<10		
E777435	K-08-0146	94	96.32	GSCH	GSCH	Mineralized	P-AML	320	2.12	35	4			26	<20	0.15	<10	<10	52	<10		
E770459	K-08-0156	83.18	83.4	GSCH	GSCH	Mineralized	P-AML	170	6.77	221	5			11	<20	0.06	<10	<10	45	10		
E770461	K-08-0156	83.4	84.46	GSCH	GSCH	Mineralized	P-AML	230	0.44	39	10			13	<20	0.11	<10	<10	70	<10		
E770463	K-08-0156	85.55	86.06	GSCH	GSCH	Mineralized	P-AML	690	0.2	8	35			37	<20	0.38	<10	<10	317	<10		
E770455	K-08-0156	77.7	79.18	GSCH	GSCH	Mineralized	P-AML	370	0.07	<5	3			71	<20	0.1	<10	<10	34	<10		
E603226	K-08-0157	113.6	115	GSCH	GSCH	Mineralized	P-AML	740	0.38	<5	5			69	<20	0.22	10	<10	59	<10		
E603227	K-08-0157	115	117	GSCH	GSCH	Mineralized	P-AML	760	0.34	<5	5			55	<20	0.21	<10	<10	60	<10		
E770537	K-08-0158	96.12	97.38	GSCH	GSCH	Mineralized	P-AML	400	0.42	<5	4			49	<20	0.15	<10	<10	38	<10		
E770539	K-08-0158	97.38	98.5	GSCH	GSCH	Mineralized	P-AML	580	0.24	<5	2			48	<20	0.14	<10	<10	31	<10		
E770541	K-08-0158	99.78	100.28	GSCH	GSCH	Mineralized	P-AML	140	0.08	<5	1			22	<20	0.03	<10	<10	7	<10		
E778153	K-08-0175	148.09	150.48	GSCH	GSCH	Mineralized	P-AML	390	0.82	<5	3			120	<20	0.13	<10	<10	34	<10		
E778216	K-08-0177	105.68	106.53	GSCH	GSCH	Mineralized	P-AML	320	0.38	<5	4			20	<20	0.13	<10	<10	44	<10		
E778215	K-08-0177	105.38	105.68	GSCH	GSCH	Mineralized	P-AML	310	0.38	<5	4			19	<20	0.13	<10	<10	43	<10		
E778214	K-08-0177	103.33	105.38	GSCH	GSCH	Mineralized	P-AML	250	0.64	5	2			16	<20	0.08	<10	10	21	<10		
E778211	K-08-0177	99.56	100.28	GSCH	GSCH	Mineralized	P-AML	840	2.7	10	6			25	<20	0.15	10	<10	60	<10		
E778209	K-08-0177	98.87	99.56	GSCH	GSCH	Mineralized	P-AML	20	6.53	14	4			4	<20	0.02	10	10	12	<10		
E756924	K-10-0244	95.56	96.73	GSCH	GSCH	Mineralized	P-AML	830	2.22	12.85	13.7	3	53.9	101.5	10.2	0.302	2.68	2	135	3.9	8.4	64.7
E756926	K-10-0244	96.73	97.31	GSCH	GSCH	Mineralized	P-AML	160	3.55	45.9	2.3	3	32.9	5.5	1.8	0.039	0.17	0.7	16	2.3	4.4	17.2
E757046	K-10-0248	116.59	118.24	GSCH	GSCH	Mineralized	P-AML	867	2.41	6	6	<10	30	41	<5	0.13	<5	<5	95.3	3	4	37
E757229	K-10-0254	132.03	132.29	GSCH	GSCH	Mineralized	P-AML	320	1.21	9	7			18	<20	0.1	<10	<10	53	30		
E773305	K-10-0267	106	106.48	GSCH	GSCH	Mineralized	P-AML	920	1.56	19	14			73	<20	0.26	10	<10	132	<10		
E773304	K-10-0267	104.75	106	GSCH	GSCH	Mineralized	P-AML	770	1.62	15	10			77	<20	0.17	10	<10	91	<10		
E773322	K-10-0267	112.25	112.67	GSCH	GSCH	Mineralized	P-AML	360	1.71	18	7			33	<20	0.22	<10	<10	75	10		
E773324	K-10-0267	113.78	114.42	GSCH	GSCH	Mineralized	P-AML	700	0.88	10	9			62	<20	0.22	<10	<10	82	<10		
E004072	K-11-0330	88.64	89.92	GSCH	GSCH	Mineralized	P-AML	1120	4.24	11	15			159	<20	0.41	<10	<10	167	10		
E004123	K-11-0326	110.43	111.82	GSCH	GSCH	Mineralized	P-AML	700	0.29	<5	11			146	<20	0.27	<10	<10	110	<10		
E004003	K-11-0327	91.44	92.1	GSCH	GSCH	Mineralized	P-AML	760	2.34	14	15			134	20	0.34	<10	<10	157	10		
E004005	K-11-0327	92.5	92.62	GSCH	GSCH	Mineralized	P-AML	670	0.75	15	15			166	20	0.41	<10	<10	218	30		
E004015	K-11-0327	102.72	103.18	GSCH	GSCH	Mineralized	P-AML	700	6.81	41	11			76	<20	0.27	<10	<10	116	<10		
E004012	K-11-0327	100.58	101.78	GSCH	GSCH	Mineralized	P-AML	1040	1.59	14	15			134	<20	0.32	<10	<10	137	10		
E000014	K-11-0328	39.05	39.97	GSCH	GSCH	Mineralized	P-AML	1360	0.14	18	11			41	<20	0.19	<10	<10	111	<10		
E004075	K-11-0329	70.6	71.05	GSCH	GSCH	Mineralized	P-AML	890	0.13	10	12			154	<20	0.34	<10	<10	124	<10		
E000051	K-11-0334	58.12	59.41	GSCH	GSCH	Mineralized	P-AML	590	0.08	8	10			96	<20	0.21	<10	<10	101	10		
E000056	K-11-0334	65.39	67.67	GSCH	GSCH	Mineralized	P-AML	490	0.04	68	9			32	<20	0.14	<10	<10	75	10		
E000152	K-11-0339	108.2	108.62	GSCH	GSCH	Mineralized	P-AML	790	1.76	12	13			121	<20	0.29	10	<10	129	10		
E756750	K-10-0239	2	3.66	ICQS	ICQS	Non-Mineralized	P-AML	690	0.04	6	12			163	<20	0.32	<10	<10	114	<10		
E756754	K-10-0239	7.51	9.75	ICQS	ICQS	Non-Mineralized	P-AML	710	0.06	9	13			131	<20	0.32	<10	<10	118	<10		
E756756	K-10-0239	9.75	11.83	ICQS	ICQS	Non-Mineralized	P-AML	570	0.04	<5	13			97	<20	0.33	<10	<10	111	<10		
E756751	K-10-0239	3.66	5.18	ICQS	ICQS	Non-Mineralized	N-AML	680	0.04	<5	12			153	<20	0.3	<10	<10	108	<10		
E756753	K-10-0239	5.18	7.51	ICQS	ICQS	Non-Mineralized	N-AML	910	0.07	12	14			166	<20	0.37	<10	<10	130	<10		
E773716	K-10-0240	16.31	17.22	ICQS	ICQS	Non-Mineralized	N-AML	160	0.07	11	1			5	<20	0.07	<10	<10	9	<10		
E773714	K-10-0240	14.72	15.95	ICQS	ICQS	Non-Mineralized	P-AML	1060	0.05	19	18			163	<20	0.43	10	<10	177	<10		
E773713	K-10-0240	13.45	14.72	ICQS	ICQS	Non-Mineralized	N-AML	990	0.16	17	11			69	<20	0.22	<10	<10	104	<10		
E773712	K-10-0240	12.8	13.45	ICQS	ICQS	Non-Mineralized	N-AML	640	0.13	15	11			42	<20	0.14	10	<10	78	<10		
E773715	K-10-0240	15.95	16.31	ICQS	ICQS	Non-Mineralized	N-AML	220	0.04	12	2			20	<20	0.1	<10	<10	22	<10		
E773706	K-10-0240	6.4	8.22	ICQS	ICQS	Non-Mineralized	N-AML	780	0.04	7	15			170	<20	0.31	10	<10	124	<10		
E773705	K-10-0240	4.1	6.4	ICQS	ICQS	Non-Mineralized	N-AML	770	0.06	<5	15			190	<20	0.32	<10	<10	130	<10		
E773702	K-10-0240	0	2.26	ICQS	ICQS	Non-Mineralized	P-AML	550	0.09	<5	11			114	<20	0.26	<10	<10	86	<10		
E773704	K-10-0240	2.26	4.1	ICQS	ICQS	Non-Mineralized	N-AML	890	0.06	7	16			207	20	0.36	<10	<10	147	<10		
E756801	K-10-0240	17.22	19.1	ICQS	ICQS	Non-Mineralized	N-AML	240	0.08	18	3			25	<20	0.09	<10	<10	32	<10		
E756804	K-10-0240	20.72	22	ICQS	ICQS	Non-Mineralized	N-AML	1080	0.06	9	13			104	<20	0.22	10	<10	126	<10		
E756733	K-10-0237	24.23	28.25	ICQS	ICQS	Non-Mineralized	N-AML	250	0.13	26	5			21	<20	0.14	<10	<10	50	<10		
E756731	K-10-0237	14.64	18.9	ICQS	ICQS	Non-Mineralized	P-AML	640	0.12	8	9			98	<20	0.25	<10	<10	82	<10		
E756725	K-10-0237	4.1	5.18	ICQS	ICQS	Non-Mineralized	P-AML	650	0.04	21	12			138	<20	0.25	<10	<10	115	<10		
E756728	K-10-0237	10.3	12.46	ICQS	ICQS	Non-Mineralized	P-AML	600	0.07	8	9			120	<20	0.25	<10	<10	91	<10		
E756726	K-10-0237	5.18	7.45	ICQS	ICQS	Non-Mineralized	N-AML	560	0.04	11	9			126	<20	0.23	<10	<10	86	<10		
E756724	K-10-0237	2.59	4.1	ICQS	ICQS	Non-Mineralized	P-AML	760	0.08	13	13			170	<20	0.26	<10	<10	125	<10		
E756723	K-10-0237	1.52	2.59	ICQS	ICQS	Non-Mineralized	N-AML	490	1.17	<5	5			69	<20	0.1	<10	<10	45	<10		
E756730	K-10-0237	12.46	14.64	ICQS	ICQS	Non-Mineralized	N-AML	700	0.04	24	11			127	<20	0.22	<10	<10	104	<10		
E756727	K-10-0237	7.45	10.3	ICQS	ICQS	Non-Mineralized	N-AML	660	0.05	8	11			144	<20	0.24	<10	<10	104	<10		
E756743	K-10-0237	37.53	39.97	ICQS	ICQS	Non-Mineralized	N-AML	1330	0.56	5	12			118	<20	0.36	<10	<10	126	<10		
E756745	K-10-0237	39.97	41.76	ICQS	ICQS	Non-Mineralized	P-AML	960	0.34	<5	10			97	<20	0.34	<10	<10	110	<10		
E756834	K-10-0241	15.11	17.37	ICQS	ICQS	Non-Mineralized	N-AML	498	0.027	5	6	<10	13	78	6	0.08	<5	<5	81.8	4	4	43

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E756850	K-10-0241	41.15	42.51	ICQS	ICQS	Non-Mineralized	N-AML	531	0.058	5	7	<10	<5	122	6	0.17	<5	<5	98.7	<1	4	55
E756840	K-10-0241	23.47	25.73	ICQS	ICQS	Non-Mineralized	N-AML	512	0.03	3	7	<10	<5	125	6	0.07	<5	<5	87.6	<1	3	40
E756849	K-10-0241	40.16	41.15	ICQS	ICQS	Non-Mineralized	N-AML	1400	0.201	3	10	<10	<5	233	7	0.16	<5	<5	107	<1	8	72
E756848	K-10-0241	38.1	40.16	ICQS	ICQS	Non-Mineralized	N-AML	650	0.077	2	9	<10	<5	193	6	0.12	<5	<5	105	<1	5	54
E756847	K-10-0241	36.27	38.1	ICQS	ICQS	Non-Mineralized	N-AML	840	0.12	12	7	<10	<5	166	<5	0.21	<5	<5	107	<1	4	62
E756846	K-10-0241	33.25	36.27	ICQS	ICQS	Non-Mineralized	N-AML	546	0.058	3	7	<10	<5	138	6	0.17	<5	<5	103	<1	4	59
E756844	K-10-0241	32	33.25	ICQS	ICQS	Non-Mineralized	N-AML	493	0.071	3	6	<10	<5	117	6	0.2	<5	<5	103	<1	4	61
E756843	K-10-0241	29.95	32	ICQS	ICQS	Non-Mineralized	N-AML	683	0.017	3	7	<10	<5	152	6	0.23	<5	<5	127	<1	4	71
E756841	K-10-0241	25.73	27.54	ICQS	ICQS	Non-Mineralized	N-AML	506	0.017	3	7	<10	<5	124	6	0.17	<5	<5	97.4	<1	4	52
E756842	K-10-0241	27.54	29.95	ICQS	ICQS	Non-Mineralized	N-AML	533	0.031	2	7	<10	<5	122	7	0.16	<5	<5	100	<1	4	58
E756856	K-10-0241	48.62	50.94	ICQS	ICQS	Non-Mineralized	N-AML	597	0.061	7	6	<10	<5	98	6	0.2	<5	<5	104	<1	4	64
E756859	K-10-0241	52.97	54.11	ICQS	ICQS	Non-Mineralized	N-AML	502	0.103	5	7	<10	<5	100	5	0.09	<5	<5	88.4	<1	3	50
E756872	K-10-0241	69.91	71.01	ICQS	ICQS	Non-Mineralized	N-AML	604	0.052	7	6	<10	<5	21	<5	0.04	<5	<5	9	<1	3	43
E756870	K-10-0241	67.31	69.91	ICQS	ICQS	Non-Mineralized	N-AML	541	0.05	13	8	<10	9	61	5	0.11	<5	<5	101	1	4	55
E756869	K-10-0241	65.53	67.31	ICQS	ICQS	Non-Mineralized	N-AML	407	0.042	15	6	<10	9	62	6	0.1	<5	<5	79.5	2	5	51
E756868	K-10-0241	64.33	65.53	ICQS	ICQS	Non-Mineralized	N-AML	505	0.022	12	8	<10	<5	95	7	0.14	<5	<5	98.4	1	4	61
E756885	K-10-0241	85.5	86.37	ICQS	ICQS	Non-Mineralized	N-AML	880	0.07	5	8			77	<20	0.2	<10	<10	79	<10		
E756884	K-10-0241	84.12	85.5	ICQS	ICQS	Non-Mineralized	P-AML	1140	0.1	8	14			142	<20	0.29	<10	<10	136	<10		
E756961	K-10-0245	111.85	113.34	ICQS	ICQS	Non-Mineralized	N-AML	1160	0.575	7	7	<10	<5	100	5	0.24	<5	<5	128	1	4	52
E756962	K-10-0245	113.34	115.72	ICQS	ICQS	Non-Mineralized	N-AML	770	0.422	3	5	<10	<5	73	<5	0.15	<5	<5	85.6	<1	4	36
E773018	K-10-0247	13.85	14.61	ICQS	ICQS	Non-Mineralized	P-AML	1300	0.033	4	10	<10	<5	126	7	0.37	<5	<5	180	1	4	82
E773050	K-10-0247	52.92	54.25	ICQS	ICQS	Non-Mineralized	N-AML	401	0.204	3	9	<10	<5	63	<5	0.09	<5	<5	138	<1	2	46
E773051	K-10-0247	54.25	55.71	ICQS	ICQS	Non-Mineralized	N-AML	517	0.769	3	12	<10	<5	86	5	0.09	<5	<5	158	<1	4	52
E773069	K-10-0247	80.22	80.89	ICQS	ICQS	Non-Mineralized	N-AML	809	0.345	6	11	<10	<5	181	7	0.24	<5	<5	158	<1	6	58
E756971	K-10-0248	11.45	12.6	ICQS	ICQS	Non-Mineralized	N-AML	516	0.005	3	3	<10	33	41	<5	0.08	<5	<5	44.8	3	2	22
E756970	K-10-0248	10	11.45	ICQS	ICQS	Non-Mineralized	N-AML	577	0.008	3	5	<10	29	54	<5	0.06	<5	<5	58.5	1	3	29
E756968	K-10-0248	7.77	10	ICQS	ICQS	Non-Mineralized	N-AML	582	0.017	3	4	<10	<5	59	<5	0.1	<5	<5	64.2	1	3	34
E756967	K-10-0248	5.27	7.77	ICQS	ICQS	Non-Mineralized	N-AML	604	0.01	4	5	<10	<5	75	<5	0.1	<5	<5	72	1	3	32
E756966	K-10-0248	3.54	5.27	ICQS	ICQS	Non-Mineralized	N-AML	494	0.015	3	5	<10	<5	95	<5	0.14	<5	<5	70.6	2	4	33
E756975	K-10-0248	16.95	18.95	ICQS	ICQS	Non-Mineralized	N-AML	804	0.037	24	6	<10	9	94	6	0.12	<5	<5	98.3	<1	3	48
E756974	K-10-0248	15.37	16.95	ICQS	ICQS	Non-Mineralized	N-AML	886	0.023	3	8	<10	<5	118	6	0.12	<5	<5	115	<1	4	55
E756977	K-10-0248	18.95	21.2	ICQS	ICQS	Non-Mineralized	N-AML	728	0.029	5	6	<10	<5	108	5	0.14	<5	<5	109	<1	3	50
E756981	K-10-0248	26.72	28.3	ICQS	ICQS	Non-Mineralized	N-AML	614	0.064	3	7	<10	<5	159	5	0.11	<5	<5	103	<1	3	56
E756980	K-10-0248	24.73	26.72	ICQS	ICQS	Non-Mineralized	N-AML	712	0.019	4	7	<10	<5	160	6	0.11	<5	<5	106	<1	4	47
E756979	K-10-0248	23.17	24.73	ICQS	ICQS	Non-Mineralized	N-AML	1130	0.048	4	8	<10	<5	183	6	0.17	<5	<5	126	1	5	60
E756987	K-10-0248	35.46	37.3	ICQS	ICQS	Non-Mineralized	N-AML	835	0.041	5	8	<10	<5	169	5	0.16	<5	<5	144	<1	4	58
E756986	K-10-0248	33.47	35.46	ICQS	ICQS	Non-Mineralized	N-AML	546	0.12	4	6	<10	<5	113	<5	0.07	<5	<5	69.1	1	3	38
E756984	K-10-0248	31.52	33.47	ICQS	ICQS	Non-Mineralized	N-AML	680	0.07	5	10	<10	<5	158	6	0.1	<5	<5	102	<1	4	57
E756992	K-10-0248	42.79	44.56	ICQS	ICQS	Non-Mineralized	N-AML	904	0.147	5	9	<10	<5	184	5	0.18	<5	<5	125	<1	4	66
E756993	K-10-0248	44.56	46.63	ICQS	ICQS	Non-Mineralized	N-AML	940	0.341	6	12	<10	<5	192	5	0.17	<5	<5	182	<1	4	76
E756999	K-10-0248	52.67	54.52	ICQS	ICQS	Non-Mineralized	N-AML	1060	0.109	6	12	<10	<5	206	6	0.15	<5	<5	155	<1	4	79
E756998	K-10-0248	51.13	52.67	ICQS	ICQS	Non-Mineralized	N-AML	845	0.363	5	12	<10	<5	170	6	0.14	<5	<5	109	<1	5	57
E757039	K-10-0248	109.13	110.79	ICQS	ICQS	Non-Mineralized	N-AML	810	0.95	11	11			132	<20	0.3	<10	<10	110	<10		
E773100	K-10-0249	6.72	7.1	ICQS	ICQS	Non-Mineralized	N-AML	850	0.03	6	17			128	<20	0.21	<10	<10	135	<10		
E773101	K-10-0249	7.1	7.31	ICQS	ICQS	Non-Mineralized	N-AML	870	0.03	10	13			79	<20	0.22	<10	<10	108	<10		
E773135	K-10-0249	141.22	142.55	ICQS	ICQS	Non-Mineralized	N-AML	1020	0.85	6	9			82	<20	0.28	<10	<10	87	<10		
E773144	K-10-0250	115.84	116.82	ICQS	ICQS	Non-Mineralized	N-AML	960	0.68	24	15			159	<20	0.37	<10	<10	146	<10		
E773145	K-10-0250	116.82	117.82	ICQS	ICQS	Non-Mineralized	N-AML	940	0.51	18	14			150	<20	0.4	<10	<10	131	<10		
E773146	K-10-0250	117.82	118.85	ICQS	ICQS	Non-Mineralized	N-AML	460	0.55	10	7			74	<20	0.19	<10	<10	58	<10		
E773148	K-10-0250	118.85	119.96	ICQS	ICQS	Non-Mineralized	P-AML	620	0.57	16	11			116	<20	0.28	<10	<10	94	<10		
E773154	K-10-0250	123.98	125.03	ICQS	ICQS	Non-Mineralized	N-AML	850	0.86	10	10			78	<20	0.24	<10	<10	97	<10		
E773191	K-10-0250	145.5	146.18	ICQS	ICQS	Non-Mineralized	P-AML	1100	0.41	7	14			54	<20	0.28	10	<10	149	<10		
E757106	K-10-0253	5.3	6.49	ICQS	ICQS	Non-Mineralized	N-AML	903	0.016	3	11	<10	<5	94	7	0.14	<5	<5	89.3	<1	5	40
E757108	K-10-0253	6.49	8.28	ICQS	ICQS	Non-Mineralized	N-AML	851	0.028	30	8	<10	<5	82	5	0.09	<5	<5	63.1	<1	4	34
E757109	K-10-0253	8.28	10.18	ICQS	ICQS	Non-Mineralized	N-AML	960	0.054	8	12	<10	<5	168	7	0.09	<5	<5	96.9	<1	6	42
E757110	K-10-0253	10.18	12.47	ICQS	ICQS	Non-Mineralized	N-AML	1860	0.157	9	17	<10	<5	386	8	0.13	<5	<5	147	<1	9	58
E757111	K-10-0253	12.47	14.12	ICQS	ICQS	Non-Mineralized	N-AML	1320	0.138	7	14	<10	<5	202	7	0.18	<5	<5	191	<1	5	68
E757113	K-10-0253	14.12	16.22	ICQS	ICQS	Non-Mineralized	N-AML	1100	0.053	5	13	<10	<5	188	7	0.1	<5	<5	124	<1	6	51
E757114	K-10-0253	16.22	18.15	ICQS	ICQS	Non-Mineralized	N-AML	1250	0.146	5	17	<10	<5	244	8	0.13	<5	<5	158	<1	7	62
E757115	K-10-0253	18.15	20.59	ICQS	ICQS	Non-Mineralized	N-AML	1200	0.146	5	17	<10	<5	247	8	0.11	<5	<5	151	<1	7	58
E757116	K-10-0253	20.59	22.71	ICQS	ICQS	Non-Mineralized	N-AML	1520	0.253	4	15	<10	<5	271	7	0.09	<5	<5	126	<1	8	52
E757118	K-10-0253	22.71	23.76	ICQS	ICQS	Non-Mineralized	N-AML	2050	0.231	7	17	<10	<5	259	7	0.08	<5	<5	155	<1	8	56
E757162	K-10-0253	88.2	89.25	ICQS	ICQS	Non-Mineralized	P-AML	630	0.46	9	10			93	<20	0.27	<10	<10	102	<10		
E773616	K-10-0254	116.78	118.46	ICQS	ICQS	Non-Mineralized	P-AML	670	1.46	6.06	10.6	2	17.3	80.6	8.8	0.284	2.86	2	98	2.2	9.1	60.8
E773226	K-10-0256	102.44	103.44	ICQS	ICQS	Non-Mineralized	N-AML	729	0.099	9	7	<10	13	77	6	0.17	<5	<5	134	1	3	43
E773245	K-10-0262	33.62	35.43	ICQS	ICQS	Non-Mineralized	N-AML	647	0.056	2	6	<10	<5	119	6	0.2	<5	<5	99.1	<1	4	44
E773255	K-10-0262	47.61	49.78	ICQS	ICQS	Non-Mineralized	N-AML	603	0.04	6	9	<10	<5	122	8	0.17	<5	<5	108	<1	4	48
E773254	K-10-0262	45.9	47.61	ICQS	ICQS	Non-Mineralized	N-AML	532	0.03	4	7	<10	<5	118	6	0.13	<5	<5	86.8	<1	4	43
E773861	K-10-0314	96.39	97.26	ICQS	ICQS	Non-Mineralized	P-AML	850	0.03	6	17			164	<20	0.5	<10	<10	168	<10		
E773863	K-10-0314	97.26	98.13	ICQS	ICQS	Non-Mineralized	P-AML	620	0.01	8	10			91	<20	0.33	10	<10	108	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E000075	K-11-0331	75.11	76.5	ICQS	ICQS	Non-Mineralized	N-AML	440	0.31	7	6			40	<20	0.13	<10	<10	51	<10		
E000077	K-11-0331	77.61	78.83	ICQS	ICQS	Non-Mineralized	N-AML	1020	0.88	9	15			157	<20	0.26	<10	<10	142	<10		
E000079	K-11-0331	78.83	79.33	ICQS	ICQS	Non-Mineralized	P-AML	710	0.11	<5	13			133	<20	0.34	<10	<10	123	<10		
E773809	K-10-0306	82.66	83.9	ICQS	ICQS	Non-Mineralized	P-AML	690	0.32	6.34	11.5	2	14.9	127	10.9	0.347	1.79	1.7	119	2.4	7.6	49
E773814	K-10-0306	87.48	88.39	ICQS	ICQS	Non-Mineralized	N-AML	610	0.65	9.35	7.6	1	22.2	62.8	8	0.234	1.81	1.5	76	2.1	5.4	48.3
E773812	K-10-0306	86.48	87.48	ICQS	ICQS	Non-Mineralized	P-AML	740	0.48	7.07	11.2	1	17.5	125.5	11.2	0.324	2.23	1.9	116	2.2	6.8	59
E773840	K-10-0306	107.5	108.34	ICQS	ICQS	Non-Mineralized	P-AML	500	0.35	7.15	17.3	5	3.4	25.6	4.9	0.374	1.3	2.4	180	1.6	7.9	55.7
E782234	K-10-0308	111.09	113.03	ICQS	ICQS	Non-Mineralized	P-AML	1140	0.34	8.09	19	2	7.7	158	16.5	0.349	2.5	3.2	169	1.7	8.8	85.7
E782235	K-10-0308	113.03	114.3	ICQS	ICQS	Non-Mineralized	P-AML	1020	1.22	7.85	19.1	3	37.2	161.5	16.3	0.377	3.51	3.1	175	5.2	8.1	84.2
E774671	K-10-0309	103.63	104.39	ICQS	ICQS	Non-Mineralized	P-AML	980	1.05	6.56	11	3	5.2	126.5	11.6	0.303	2.23	1.7	110	1.2	10.4	50.4
E774667	K-10-0309	97.88	99.58	ICQS	ICQS	Non-Mineralized	N-AML	800	0.62	4.59	13	3	2.7	209	13.4	0.371	1.23	2	126	1.3	9.2	58.9
E774668	K-10-0309	99.58	101.21	ICQS	ICQS	Non-Mineralized	N-AML	810	0.48	4.43	10	2	2.4	114.5	10.8	0.287	0.91	1.6	85	1	7	49.9
E774669	K-10-0309	101.21	102.09	ICQS	ICQS	Non-Mineralized	N-AML	990	0.86	2.83	5	3	1.5	72.1	5.3	0.16	0.41	1.2	44	1.1	7	33.8
E774670	K-10-0309	102.09	103.63	ICQS	ICQS	Non-Mineralized	P-AML	730	0.43	4.7	10.1	3	1.8	142	11	0.31	1.74	2.1	97	1.4	7.9	51
E782317	K-10-0317	85	86.68	ICQS	ICQS	Non-Mineralized	N-AML	630	0.06	<5	5			32	<20	0.14	<10	<10	49	<10		
E774923	K-10-0322	167.64	168.33	ICQS	ICQS	Non-Mineralized	N-AML	400	0.28	<5	7			121	<20	0.28	<10	<10	62	<10		
E774922	K-10-0322	166.33	167.64	ICQS	ICQS	Non-Mineralized	N-AML	840	0.61	<5	14			274	20	0.46	<10	<10	139	<10		
E000109	K-11-0324	28.29	29.99	ICQS	ICQS	Non-Mineralized	N-AML	600	0.02	6	8			92	<20	0.17	<10	<10	76	20		
E000123	K-11-0324	45.63	47.02	ICQS	ICQS	Non-Mineralized	N-AML	610	0.08	27	6			40	<20	0.2	<10	<10	67	<10		
E000028	K-11-0325	65.4	67.66	ICQS	ICQS	Non-Mineralized	N-AML	440	0.33	31	6			41	<20	0.16	<10	<10	62	10		
E000050	K-11-0325	84.18	85.65	ICQS	ICQS	Non-Mineralized	N-AML	510	0.44	<5	9			34	<20	0.17	<10	<10	111	<10		
E000049	K-11-0325	82.21	84.18	ICQS	ICQS	Non-Mineralized	N-AML	340	0.77	9	8			38	<20	0.19	<10	<10	80	<10		
E000006	K-11-0328	9.54	10.44	ICQS	ICQS	Non-Mineralized	N-AML	520	0.05	9	8			97	<20	0.22	<10	<10	76	<10		
E000009	K-11-0328	35.58	36.7	ICQS	ICQS	Non-Mineralized	N-AML	290	0.02	8	5			53	<20	0.19	<10	<10	50	<10		
E004040	K-11-0332	59.16	59.97	ICQS	ICQS	Non-Mineralized	P-AML	790	0.15	32	13			136	20	0.34	<10	<10	140	10		
E000125	K-11-0339	89.9	91.89	ICQS	ICQS	Non-Mineralized	P-AML	1170	0.29	12	17			136	<20	0.38	<10	<10	149	<10		
E000157	K-11-0339	113.36	114.88	ICQS	ICQS	Non-Mineralized	N-AML	750	0.57	<5	13			146	<20	0.35	<10	<10	129	<10		
E773711	K-10-0240	12.19	12.8	ICQS	ICQS	Mineralized	P-AML	770	0.24	33	11			37	<20	0.1	10	<10	82	<10		
E773710	K-10-0240	10.97	12.19	ICQS	ICQS	Mineralized	P-AML	310	0.26	70	8			40	<20	0.09	<10	<10	42	20		
E773709	K-10-0240	10.32	10.97	ICQS	ICQS	Mineralized	P-AML	1040	0.12	24	16			100	<20	0.36	10	<10	143	<10		
E773707	K-10-0240	8.22	10.32	ICQS	ICQS	Mineralized	P-AML	750	0.04	10	15			134	<20	0.35	10	<10	135	<10		
E756732	K-10-0237	18.9	24.23	ICQS	ICQS	Mineralized	P-AML	1550	0.13	9	12			112	<20	0.2	<10	<10	104	<10		
E756746	K-10-0237	41.76	42.09	ICQS	ICQS	Mineralized	P-AML	830	0.28	<5	9			91	<20	0.3	<10	<10	100	<10		
E756747	K-10-0237	42.09	44.89	ICQS	ICQS	Mineralized	P-AML	200	0.08	<5	2			14	<20	0.1	<10	<10	16	<10		
E756742	K-10-0237	35.78	37.53	ICQS	ICQS	Mineralized	P-AML	570	0.14	<5	8			68	<20	0.26	<10	<10	79	<10		
E756741	K-10-0237	33.78	35.78	ICQS	ICQS	Mineralized	P-AML	840	0.19	10	13			134	<20	0.35	<10	<10	131	<10		
E756934	K-10-0244	101.21	102.11	ICQS	ICQS	Mineralized	P-AML	890	1.89	17.6	18.1	2	78.5	75.4	19.4	0.405	4.41	3.6	156	5.8	9.9	79.6
E756936	K-10-0245	82.42	83.99	ICQS	ICQS	Mineralized	P-AML	460	0.49	43.1	13	6	5.5	48.3	6.2	0.22	1.56	4.4	141	1.9	8.3	75.3
E773075	K-10-0247	87.15	89.55	ICQS	ICQS	Mineralized	P-AML	260	0.119	2	3	<10	<5	70	<5	0.06	<5	<5	35.9	<1	4	15
E773076	K-10-0247	89.55	90.12	ICQS	ICQS	Mineralized	P-AML	790	0.209	4	8	<10	<5	159	6	0.11	<5	<5	96.1	<1	5	37
E773077	K-10-0247	90.12	90.59	ICQS	ICQS	Mineralized	P-AML	797	0.207	7	10	<10	10	168	6	0.08	<5	<5	128	<1	4	40
E773155	K-10-0250	125.03	126.25	ICQS	ICQS	Mineralized	P-AML	930	0.75	12	10			52	<20	0.17	<10	<10	93	<10		
E773156	K-10-0250	126.25	126.9	ICQS	ICQS	Mineralized	P-AML	750	2.01	17	8			37	<20	0.14	<10	<10	73	<10		
E773190	K-10-0250	144.64	145.5	ICQS	ICQS	Mineralized	P-AML	1270	0.78	9	16			90	<20	0.37	10	<10	181	<10		
E773193	K-10-0250	147.32	148.98	ICQS	ICQS	Mineralized	P-AML	820	0.33	9	9			43	<20	0.27	<10	<10	99	<10		
E773201	K-10-0255	89.6	90.36	ICQS	ICQS	Mineralized	P-AML	530	2.16	45	7			30	<20	0.21	<10	<10	80	10		
E004062	K-11-0330	76.48	78.7	ICQS	ICQS	Mineralized	P-AML	640	0.39	10	9			112	<20	0.28	<10	<10	90	<10		
E004065	K-11-0330	81.12	82.16	ICQS	ICQS	Mineralized	P-AML	310	1.13	16	5			18	<20	0.15	<10	<10	55	<10		
E000076	K-11-0331	76.5	77.61	ICQS	ICQS	Mineralized	P-AML	1250	0.66	6	15			157	<20	0.27	<10	<10	133	<10		
E000074	K-11-0331	74.22	75.11	ICQS	ICQS	Mineralized	P-AML	670	0.26	<5	8			101	<20	0.24	<10	<10	85	<10		
E773796	K-10-0306	68.28	69.38	ICQS	ICQS	Mineralized	P-AML	770	0.25	5.05	13.1	4	2	153.5	9.8	0.342	0.94	2.1	111	1	10.8	61.5
E773803	K-10-0306	76.9	78.58	ICQS	ICQS	Mineralized	P-AML	790	0.12	3.46	9.9	2	4.7	150.5	9	0.285	1	1.6	104	1.3	7.5	45.8
E773810	K-10-0306	83.9	85.34	ICQS	ICQS	Mineralized	P-AML	720	1	4.87	7.2	1	15.2	77	7.6	0.204	1.21	1.1	77	2.2	5.5	31.4
E773831	K-10-0306	100.45	101.2	ICQS	ICQS	Mineralized	P-AML	470	0.71	10.9	11.4	3	12.5	34.3	7.1	0.216	1.68	2.5	118	3	7.2	63.4
E782237	K-10-0308	114.3	114.85	ICQS	ICQS	Mineralized	P-AML	760	5.44	12.35	13.8	4	58.3	79.8	13.2	0.223	2.42	2.3	135	4.1	9.1	62.1
E000018	K-11-0325	55.72	56.74	ICQS	ICQS	Mineralized	P-AML	760	0.51	14	10			59	<20	0.28	<10	<10	109	10		
E000040	K-11-0325	75.34	76.14	ICQS	ICQS	Mineralized	P-AML	380	1.02	47	8			27	<20	0.16	<10	<10	81	<10		
E000048	K-11-0325	80.3	82.21	ICQS	ICQS	Mineralized	P-AML	880	1.27	18	10			49	<20	0.24	<10	<10	102	<10		
E004091	K-11-0326	85.74	87	ICQS	ICQS	Mineralized	P-AML	710	0.25	6	12			164	<20	0.31	<10	<10	117	<10		
E004093	K-11-0326	87	87.84	ICQS	ICQS	Mineralized	P-AML	650	0.46	12	12			139	<20	0.32	<10	<10	118	<10		
E004096	K-11-0326	88.64	89.86	ICQS	ICQS	Mineralized	P-AML	670	1.91	10	7			64	<20	0.19	<10	<10	72	<10		
E004100	K-11-0326	93.02	93.46	ICQS	ICQS	Mineralized	P-AML	380	0.23	13	4			36	<20	0.13	<10	<10	43	10		
E004101	K-11-0326	93.46	93.89	ICQS	ICQS	Mineralized	P-AML	270	0.35	13	4			29	<20	0.14	<10	<10	39	<10		
E004102	K-11-0326	93.89	94.96	ICQS	ICQS	Mineralized	P-AML	810	0.09	11	13			145	<20	0.31	10	<10	123	<10		
E004103	K-11-0326	94.96	95.5	ICQS	ICQS	Mineralized	P-AML	470	0.15	13	7			78	<20	0.21	<10	<10	75	<10		
E000016	K-11-0328	39.97	41.15	ICQS	ICQS	Mineralized	P-AML	460	0.13	11	4			9	<20	0.17	<10	<10	51	<10		
E004029	K-11-0332	49.73	51.08	ICQS	ICQS	Mineralized	P-AML	660	0.02	10	11			92	<20	0.23	<10	<10	108	20		
E004037	K-11-0332	56.2	57.91	ICQS	ICQS	Mineralized	P-AML	810	0.41	62	12			54	<20	0.21	<10	<10	106	20		
E004039	K-11-0332	57.91	59.16	ICQS	ICQS	Mineralized	P-AML	1120	0.27	50	13			71	<20	0.19	<10	<10	121	20		
E004042	K-11-0332	60.35	61.84	ICQS	ICQS	Mineralized	P-AML	530	0.22	74	11			53	<20	0.22	10	<10	101	20		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E000066	K-11-0333	88	90.32	ICQS	ICQS	Mineralized	P-AML	420	0.6	10	5			65	<20	0.15	<10	<10	55	<10		
E000069	K-11-0333	91.5	92.22	ICQS	ICQS	Mineralized	P-AML	510	0.43	11	5			75	<20	0.18	<10	<10	62	<10		
E753665	K-07-0120	198.4	200.4	PHY	PHY	Non-Mineralized		710	0.06	<5	19			191	<20	0.53	<10	<10	230	<10		
E753666	K-07-0120	200.4	202.4	PHY	PHY	Non-Mineralized		740	0.01	<5	15			128	<20	0.28	<10	<10	220	<10		
E753667	K-07-0120	202.4	204.65	PHY	PHY	Non-Mineralized		770	0.01	<5	17			100	<20	0.37	<10	<10	228	<10		
E599911	K-07-0072	212	214.05	QTZT	QTZT	Non-Mineralized	N-AML	110	0.02	<5	2			26	<20	0.07	<10	<10	19	<10		
E600058	K-07-0074	200.5	202.5	QTZT	QTZT	Non-Mineralized	N-AML	120	0.04	<5	1			4	<20	0.09	<10	<10	5	<10		
E600061	K-07-0074	206.5	208.5	QTZT	QTZT	Non-Mineralized	N-AML	130	0.05	<5	1			3	<20	0.09	<10	<10	5	<10		
E599934	K-07-0074	30.05	32.05	QTZT	QTZT	Non-Mineralized	N-AML	580	0.09	5	10			137	<20	0.23	<10	<10	85	<10		
E751506	K-07-0069	46.51	48.51	QTZT	QTZT	Non-Mineralized	N-AML	510	0.08	<5	5			79	<20	0.16	<10	<10	54	<10		
E599928	K-07-0074	20.05	22.05	QTZT	QTZT	Non-Mineralized	N-AML	530	0.12	9	5			60	<20	0.16	<10	<10	48	<10		
E751528	K-07-0069	81	83	QTZT	QTZT	Non-Mineralized	N-AML	300	0.15	<5	2			57	<20	0.08	<10	<10	18	<10		
E599841	K-07-0072	121.07	123	QTZT	QTZT	Non-Mineralized	N-AML	180	0.15	5	1			32	<20	0.1	<10	<10	16	<10		
E751621	K-07-0069	181.7	183.7	QTZT	QTZT	Non-Mineralized	N-AML	170	0.17	<5	<1			<1	<20	0.07	<10	<10	4	<10		
E599974	K-07-0074	93.85	95.85	QTZT	QTZT	Non-Mineralized	N-AML	300	0.2	<5	2			58	<20	0.08	<10	<10	17	<10		
E599829	K-07-0072	103.47	105.47	QTZT	QTZT	Non-Mineralized	N-AML	430	0.22	<5	2			40	<20	0.1	<10	<10	26	<10		
E751547	K-07-0069	109.6	111.6	QTZT	QTZT	Non-Mineralized	N-AML	500	0.26	<5	3			70	<20	0.11	<10	<10	27	<10		
E599814	K-07-0072	80.03	81.99	QTZT	QTZT	Non-Mineralized	N-AML	430	0.29	<5	4			80	<20	0.14	<10	<10	39	<10		
E599821	K-07-0072	93.2	94.4	QTZT	QTZT	Non-Mineralized	N-AML	610	0.42	8	8			116	<20	0.24	<10	<10	77	<10		
E770065	K-08-0135	70.1	73.1	QTZT	QTZT	Non-Mineralized	N-AML	320	0.15	<5	1			62	<20	0.08	<10	<10	15	<10		
E770066	K-08-0135	73.1	76.1	QTZT	QTZT	Non-Mineralized	N-AML	550	0.85	<5	7			126	<20	0.23	<10	<10	68	<10		
E770068	K-08-0135	76.1	77.5	QTZT	QTZT	Non-Mineralized	N-AML	260	0.17	<5	2			63	<20	0.07	<10	<10	14	<10		
E770070	K-08-0135	79.07	82.07	QTZT	QTZT	Non-Mineralized	N-AML	250	0.1	<5	1			56	<20	0.06	<10	<10	12	<10		
E770071	K-08-0135	82.07	84.78	QTZT	QTZT	Non-Mineralized	N-AML	370	0.35	<5	3			113	<20	0.11	<10	<10	29	<10		
E770087	K-08-0135	116	118	QTZT	QTZT	Non-Mineralized	N-AML	420	0.25	<5	3			49	<20	0.13	<10	<10	31	<10		
E770085	K-08-0135	113	116	QTZT	QTZT	Non-Mineralized	P-AML	780	0.7	<5	8			117	<20	0.26	10	<10	93	<10		
E770088	K-08-0135	118	120.07	QTZT	QTZT	Non-Mineralized	N-AML	440	1.03	5	8			118	<20	0.19	<10	<10	68	<10		
E770089	K-08-0135	120.07	122.79	QTZT	QTZT	Non-Mineralized	N-AML	160	0.17	<5	1			12	<20	0.07	<10	<10	8	<10		
E770084	K-08-0135	110.35	113	QTZT	QTZT	Non-Mineralized	N-AML	490	0.85	<5	4			127	<20	0.12	<10	<10	42	10		
E770091	K-08-0135	122.79	124	QTZT	QTZT	Non-Mineralized	N-AML	260	0.36	<5	4			45	<20	0.17	<10	<10	48	<10		
E770092	K-08-0135	124	127	QTZT	QTZT	Non-Mineralized	N-AML	360	0.3	<5	3			56	<20	0.13	<10	<10	33	<10		
E770093	K-08-0135	127	130	QTZT	QTZT	Non-Mineralized	N-AML	410	0.32	<5	3			65	<20	0.1	<10	<10	28	10		
E770094	K-08-0135	130	133	QTZT	QTZT	Non-Mineralized	N-AML	320	0.22	<5	2			34	<20	0.07	<10	<10	16	<10		
E770095	K-08-0135	133	136	QTZT	QTZT	Non-Mineralized	N-AML	690	0.8	<5	6			168	<20	0.2	<10	<10	62	<10		
E770098	K-08-0135	139	140.13	QTZT	QTZT	Non-Mineralized	N-AML	490	0.48	6	4			38	<20	0.15	<10	<10	47	<10		
E770107	K-08-0135	148	149	QTZT	QTZT	Non-Mineralized	N-AML	160	0.7	5	1			4	<20	0.05	<10	<10	6	<10		
E770108	K-08-0135	149	150	QTZT	QTZT	Non-Mineralized	N-AML	660	0.95	8	6			47	<20	0.22	10	<10	76	10		
E770109	K-08-0135	150	151	QTZT	QTZT	Non-Mineralized	N-AML	240	0.22	<5	1			3	<20	0.04	<10	<10	5	<10		
E770110	K-08-0135	151	152.1	QTZT	QTZT	Non-Mineralized	N-AML	260	0.24	<5	1			1	<20	0.04	<10	<10	4	<10		
E770118	K-08-0135	157.3	158.65	QTZT	QTZT	Non-Mineralized	N-AML	630	1.46	5	6			33	<20	0.18	10	<10	65	10		
E770106	K-08-0135	147	148	QTZT	QTZT	Non-Mineralized	N-AML	90	0.45	10	<1			4	<20	0.03	<10	<10	2	10		
E770103	K-08-0135	145	146	QTZT	QTZT	Non-Mineralized	N-AML	370	1.3	<5	4			26	<20	0.15	10	<10	44	10		
E770120	K-08-0135	159.7	161.24	QTZT	QTZT	Non-Mineralized	N-AML	500	0.52	<5	3			25	<20	0.11	<10	<10	34	10		
E770123	K-08-0135	165	166	QTZT	QTZT	Non-Mineralized	N-AML	170	0.47	<5	1			4	<20	0.05	<10	<10	6	<10		
E770124	K-08-0135	166	167	QTZT	QTZT	Non-Mineralized	N-AML	680	1.39	<5	5			75	<20	0.17	<10	<10	55	<10		
E770126	K-08-0135	167	168	QTZT	QTZT	Non-Mineralized	N-AML	90	0.18	<5	1			11	<20	0.04	<10	<10	5	<10		
E770127	K-08-0135	168	169	QTZT	QTZT	Non-Mineralized	N-AML	90	0.15	<5	1			25	<20	0.05	<10	<10	4	<10		
E770129	K-08-0135	170	171	QTZT	QTZT	Non-Mineralized	N-AML	190	0.29	<5	2			18	<20	0.1	<10	<10	22	<10		
E770131	K-08-0135	171	172	QTZT	QTZT	Non-Mineralized	N-AML	180	0.29	<5	1			6	<20	0.06	<10	<10	8	<10		
E770133	K-08-0135	173.07	174	QTZT	QTZT	Non-Mineralized	N-AML	520	3.93	27	5			21	<20	0.12	<10	<10	47	<10		
E770216	K-08-0139	218.85	219.54	QTZT	QTZT	Non-Mineralized	N-AML	50	1.17	<5	1			3	<20	0.05	<10	<10	7	<10		
E770215	K-08-0139	216	218.85	QTZT	QTZT	Non-Mineralized	N-AML	80	0.29	<5	1			5	<20	0.06	<10	<10	8	<10		
E770214	K-08-0139	214.3	216	QTZT	QTZT	Non-Mineralized	N-AML	80	0.11	<5	1			3	<20	0.05	<10	<10	5	<10		
E770218	K-08-0139	221.7	224.94	QTZT	QTZT	Mineralized	P-AML	90	0.11	<5	1			12	<20	0.09	<10	<10	15	<10		
E754141	K-08-0140	104	106	QTZT	QTZT	Non-Mineralized	N-AML	340	0.35	<5	2			39	<20	0.08	<10	<10	21	<10		
E754140	K-08-0140	102	104	QTZT	QTZT	Non-Mineralized	N-AML	310	0.24	<5	2			63	<20	0.09	<10	<10	22	<10		
E754142	K-08-0140	106	108	QTZT	QTZT	Non-Mineralized	N-AML	250	0.52	<5	2			65	<20	0.08	<10	<10	19	<10		
E754143	K-08-0140	108	109.9	QTZT	QTZT	Non-Mineralized	N-AML	220	0.34	<5	1			46	<20	0.05	<10	<10	12	<10		
E754146	K-08-0140	113	115	QTZT	QTZT	Non-Mineralized	N-AML	380	0.29	<5	5			79	<20	0.18	<10	<10	48	<10		
E754145	K-08-0140	109.9	113	QTZT	QTZT	Non-Mineralized	N-AML	520	0.56	<5	7			131	<20	0.25	<10	<10	75	<10		
E754148	K-08-0140	117	119	QTZT	QTZT	Non-Mineralized	N-AML	720	0.59	<5	6			77	<20	0.2	<10	<10	59	<10		
E754147	K-08-0140	115	117	QTZT	QTZT	Non-Mineralized	N-AML	220	0.08	<5	2			28	<20	0.1	<10	<10	19	10		
E754149	K-08-0140	119	121	QTZT	QTZT	Non-Mineralized	N-AML	380	0.3	<5	3			78	<20	0.14	<10	<10	39	<10		
E754151	K-08-0140	121	122.8	QTZT	QTZT	Non-Mineralized	N-AML	660	0.93	<5	9			226	<20	0.29	<10	<10	91	<10		
E770326	K-08-0145	110.11	111.15	QTZT	QTZT	Non-Mineralized	N-AML	140	0.59	23	1			6	<20	0.05	<10	<10	11	<10		
E770336	K-08-0145	117.16	118.26	QTZT	QTZT	Non-Mineralized	N-AML	240	0.06	<5	1			2	<20	0.07	<10	<10	11	<10		
E770333	K-08-0145	115.21	116.17	QTZT	QTZT	Non-Mineralized	N-AML	310	0.07	6	2			5	<20	0.12	10	<10	24	<10		
E770332	K-08-0145	114.15	115.21	QTZT	QTZT	Non-Mineralized	N-AML	220	0.09	11	4			11	<20	0.12	10	<10	35	10		
E770331	K-08-0145	113.15	114.15	QTZT	QTZT	Non-Mineralized	N-AML	440	0.12	9	7			26	<20	0.17	10	<10	61	<10		
E770325	K-08-0145	109.14	110.11	QTZT	QTZT	Non-Mineralized	N-AML	200	0.95	18	2			11	<20	0.08	<10	<10	22	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E770324	K-08-0145	108.15	109.14	QTZT	QTZT	Non-Mineralized	N-AML	90	0.31	17	1			8	<20	0.06	<10	<10	10	<10		
C467988	K-07-0069	19.71	21.71	QTZT	QTZT	Non-Mineralized	N-AML	230	0.05	<5	2			38	<20	0.09	<10	<10	19	<10		
C467998	K-07-0069	35.66	36.18	QTZT	QTZT	Non-Mineralized	N-AML	450	0.23	5	2			68	<20	0.07	<10	<10	21	<10		
C467997	K-07-0069	33.66	35.66	QTZT	QTZT	Non-Mineralized	N-AML	810	0.52	6	6			188	<20	0.17	<10	<10	58	<10		
C467995	K-07-0069	31.66	33.66	QTZT	QTZT	Non-Mineralized	N-AML	670	0.49	<5	6			107	<20	0.18	<10	<10	62	<10		
C467994	K-07-0069	29.66	31.66	QTZT	QTZT	Non-Mineralized	N-AML	470	0.32	<5	7			129	<20	0.19	<10	<10	74	<10		
C467993	K-07-0069	27.66	29.66	QTZT	QTZT	Non-Mineralized	N-AML	640	0.08	<5	11			152	<20	0.27	<10	<10	103	<10		
C467992	K-07-0069	25.66	27.66	QTZT	QTZT	Non-Mineralized	N-AML	530	0.1	8	6			106	<20	0.17	<10	<10	55	<10		
C467989	K-07-0069	21.71	23.66	QTZT	QTZT	Non-Mineralized	N-AML	480	0.12	<5	7			119	<20	0.17	<10	<10	64	<10		
C467983	K-07-0069	11.74	13.7	QTZT	QTZT	Non-Mineralized	N-AML	490	0.08	<5	6			112	<20	0.17	<10	<10	59	<10		
C467987	K-07-0069	17.69	19.71	QTZT	QTZT	Non-Mineralized	N-AML	540	0.17	<5	7			84	<20	0.2	<10	<10	62	10		
C467984	K-07-0069	13.7	17.69	QTZT	QTZT	Non-Mineralized	N-AML	290	0.07	<5	2			36	<20	0.09	<10	<10	22	<10		
C467982	K-07-0069	9.74	11.74	QTZT	QTZT	Non-Mineralized	N-AML	290	0.07	<5	3			56	<20	0.12	<10	<10	28	<10		
C467990	K-07-0069	23.66	25.66	QTZT	QTZT	Non-Mineralized	N-AML	500	0.12	<5	5			94	<20	0.15	<10	<10	45	<10		
E751503	K-07-0069	42.49	44.49	QTZT	QTZT	Non-Mineralized	N-AML	730	0.12	<5	9			125	<20	0.17	<10	<10	80	<10		
E751504	K-07-0069	44.49	46.51	QTZT	QTZT	Non-Mineralized	N-AML	500	0.11	<5	5			71	<20	0.14	<10	<10	48	<10		
E751507	K-07-0069	48.51	50.51	QTZT	QTZT	Non-Mineralized	N-AML	310	0.15	5	2			48	<20	0.08	<10	<10	20	<10		
E751508	K-07-0069	50.51	51.58	QTZT	QTZT	Non-Mineralized	P-AML	650	0.13	<5	12			160	<20	0.29	<10	<10	112	<10		
E751509	K-07-0069	51.58	53.58	QTZT	QTZT	Non-Mineralized	N-AML	310	0.06	6	2			18	<20	0.07	<10	<10	21	<10		
E751510	K-07-0069	53.58	55.58	QTZT	QTZT	Non-Mineralized	N-AML	240	0.08	<5	3			25	<20	0.08	<10	<10	34	<10		
E751512	K-07-0069	55.58	57.07	QTZT	QTZT	Non-Mineralized	N-AML	190	0.15	5	1			22	<20	0.05	<10	<10	16	<10		
E751513	K-07-0069	57.07	58.6	QTZT	QTZT	Non-Mineralized	N-AML	160	0.16	6	1			11	<20	0.04	<10	<10	14	<10		
E751514	K-07-0069	58.6	60.05	QTZT	QTZT	Non-Mineralized	N-AML	240	0.13	5	2			19	<20	0.06	<10	<10	23	<10		
E751534	K-07-0069	90.18	91.34	QTZT	QTZT	Non-Mineralized	N-AML	590	0.16	<5	5			136	<20	0.17	<10	<10	44	<10		
E751533	K-07-0069	89.01	90.18	QTZT	QTZT	Non-Mineralized	N-AML	280	0.21	<5	2			74	<20	0.08	<10	<10	22	<10		
E751525	K-07-0069	74.98	76.98	QTZT	QTZT	Non-Mineralized	N-AML	270	0.05	<5	1			4	<20	0.06	<10	<10	13	<10		
E751526	K-07-0069	76.98	78.98	QTZT	QTZT	Non-Mineralized	N-AML	430	0.21	<5	2			193	<20	0.06	<10	<10	21	<10		
E751527	K-07-0069	78.98	81	QTZT	QTZT	Non-Mineralized	P-AML	760	0.93	6	11			157	<20	0.28	10	<10	105	<10		
E751530	K-07-0069	83	84.98	QTZT	QTZT	Non-Mineralized	N-AML	370	0.2	<5	3			40	<20	0.12	<10	<10	30	<10		
E751531	K-07-0069	84.98	87	QTZT	QTZT	Non-Mineralized	N-AML	530	0.32	<5	4			94	<20	0.14	<10	<10	41	<10		
E751532	K-07-0069	87	89.01	QTZT	QTZT	Non-Mineralized	N-AML	570	0.35	<5	7			179	<20	0.22	<10	<10	72	<10		
E751551	K-07-0069	114.48	116.48	QTZT	QTZT	Non-Mineralized	N-AML	310	0.57	9	2			82	<20	0.07	<10	<10	22	<10		
E751566	K-07-0069	136.46	137.46	QTZT	QTZT	Non-Mineralized	N-AML	550	0.69	5	7			92	<20	0.2	10	<10	67	<10		
E751540	K-07-0069	97.61	99.61	QTZT	QTZT	Non-Mineralized	N-AML	360	0.21	<5	2			69	<20	0.09	<10	<10	19	<10		
E751541	K-07-0069	99.61	101.61	QTZT	QTZT	Non-Mineralized	N-AML	200	0.15	<5	2			46	<20	0.11	<10	<10	22	<10		
E751542	K-07-0069	101.61	103.62	QTZT	QTZT	Non-Mineralized	N-AML	390	0.66	<5	5			205	<20	0.15	<10	<10	51	<10		
E751544	K-07-0069	103.62	105.6	QTZT	QTZT	Non-Mineralized	N-AML	390	0.52	6	3			151	<20	0.12	<10	<10	37	<10		
E751545	K-07-0069	105.6	107.6	QTZT	QTZT	Non-Mineralized	N-AML	620	0.56	<5	10			150	<20	0.29	<10	<10	96	<10		
E751546	K-07-0069	107.6	109.6	QTZT	QTZT	Non-Mineralized	N-AML	450	0.52	<5	3			82	<20	0.11	<10	<10	30	<10		
E751550	K-07-0069	113.6	114.48	QTZT	QTZT	Non-Mineralized	N-AML	510	0.73	13	3			101	<20	0.12	<10	<10	33	<10		
E751552	K-07-0069	116.48	118.48	QTZT	QTZT	Non-Mineralized	N-AML	570	0.62	<5	6			170	<20	0.21	<10	<10	63	<10		
E751553	K-07-0069	118.48	120.48	QTZT	QTZT	Non-Mineralized	N-AML	430	0.44	5	6			121	<20	0.21	<10	<10	65	<10		
E751554	K-07-0069	120.48	122.48	QTZT	QTZT	Non-Mineralized	N-AML	580	0.35	<5	8			109	<20	0.25	<10	<10	77	<10		
E751556	K-07-0069	122.48	124.48	QTZT	QTZT	Non-Mineralized	N-AML	520	0.38	<5	5			60	<20	0.2	<10	<10	54	<10		
E751558	K-07-0069	126.48	128.48	QTZT	QTZT	Non-Mineralized	N-AML	440	0.28	<5	3			41	<20	0.13	<10	<10	29	<10		
E751559	K-07-0069	128.48	130.46	QTZT	QTZT	Non-Mineralized	N-AML	260	0.23	<5	2			28	<20	0.12	<10	<10	22	<10		
E751560	K-07-0069	130.46	131.46	QTZT	QTZT	Non-Mineralized	N-AML	270	0.2	<5	2			30	<20	0.1	<10	<10	19	<10		
E751561	K-07-0069	131.46	132.46	QTZT	QTZT	Non-Mineralized	N-AML	180	0.16	<5	2			21	<20	0.1	<10	<10	17	<10		
E751562	K-07-0069	132.46	134.46	QTZT	QTZT	Non-Mineralized	N-AML	320	0.14	<5	3			34	<20	0.12	10	<10	28	<10		
E751563	K-07-0069	134.46	135.46	QTZT	QTZT	Non-Mineralized	N-AML	490	0.23	<5	4			49	<20	0.16	10	<10	44	<10		
E751548	K-07-0069	111.6	113.6	QTZT	QTZT	Non-Mineralized	N-AML	340	0.25	<5	3			47	<20	0.11	<10	<10	26	<10		
E751567	K-07-0069	137.46	138.46	QTZT	QTZT	Non-Mineralized	N-AML	600	0.68	5	6			120	<20	0.2	10	<10	62	10		
E751619	K-07-0069	177.7	179.7	QTZT	QTZT	Non-Mineralized	N-AML	120	0.34	<5	1			2	<20	0.07	<10	<10	7	<10		
E751564	K-07-0069	135.46	136.46	QTZT	QTZT	Non-Mineralized	N-AML	440	0.35	7	4			36	<20	0.14	<10	<10	42	<10		
E751609	K-07-0069	167.2	167.7	QTZT	QTZT	Non-Mineralized	N-AML	210	0.9	7	1			2	<20	0.05	<10	<10	5	<10		
E751610	K-07-0069	167.7	168.7	QTZT	QTZT	Non-Mineralized	N-AML	230	0.44	5	1			3	<20	0.07	<10	<10	8	<10		
E751612	K-07-0069	168.7	169.7	QTZT	QTZT	Non-Mineralized	N-AML	250	0.2	<5	1			5	<20	0.07	<10	<10	8	<10		
E751613	K-07-0069	169.7	170.7	QTZT	QTZT	Non-Mineralized	N-AML	120	0.13	<5	1			4	<20	0.06	<10	<10	6	<10		
E751614	K-07-0069	170.7	171.7	QTZT	QTZT	Non-Mineralized	P-AML	740	0.34	9	10			77	<20	0.25	10	<10	127	<10		
E751615	K-07-0069	171.7	173.69	QTZT	QTZT	Non-Mineralized	N-AML	370	0.26	<5	3			35	<20	0.12	<10	<10	32	<10		
E751620	K-07-0069	179.7	181.7	QTZT	QTZT	Non-Mineralized	N-AML	120	0.08	<5	1			4	<20	0.08	<10	<10	10	<10		
E751622	K-07-0069	183.7	185.7	QTZT	QTZT	Non-Mineralized	N-AML	160	0.34	<5	1			1	<20	0.09	<10	<10	7	<10		
E751623	K-07-0069	185.7	187.7	QTZT	QTZT	Non-Mineralized	N-AML	190	0.35	<5	1			7	<20	0.09	<10	<10	15	<10		
E751624	K-07-0069	187.7	189.7	QTZT	QTZT	Non-Mineralized	N-AML	190	0.2	<5	2			9	<20	0.11	10	<10	21	<10		
E751626	K-07-0069	189.7	191.7	QTZT	QTZT	Non-Mineralized	N-AML	260	1.3	6	2			11	<20	0.11	<10	<10	21	<10		
E751627	K-07-0069	191.7	193.7	QTZT	QTZT	Non-Mineralized	N-AML	380	0.03	<5	4			46	<20	0.19	<10	<10	43	<10		
E751628	K-07-0069	193.7	195.71	QTZT	QTZT	Non-Mineralized	N-AML	240	0.24	<5	4			42	<20	0.15	<10	<10	32	<10		
E751630	K-07-0069	197.71	199.7	QTZT	QTZT	Non-Mineralized	P-AML	820	1.37	7	12			88	<20	0.35	<10	<10	114	<10		
E751632	K-07-0069	199.7	201.1	QTZT	QTZT	Non-Mineralized	P-AML	760	0.58	20	14			39	20	0.48	<10	<10	137	<10		
E751616	K-07-0069	173.69	175.7	QTZT	QTZT	Non-Mineralized	N-AML	420	0.93	5	4			24	<20	0.16	<10	<10	46	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E751583	K-07-0069	151.49	152.49	QTZT	QTZT	Non-Mineralized	N-AML	80	0.17	<5	1			2	<20	0.07	<10	<10	4	<10		
E751568	K-07-0069	138.46	139.46	QTZT	QTZT	Non-Mineralized	N-AML	350	0.22	<5	4			70	<20	0.16	<10	<10	48	<10		
E751569	K-07-0069	139.46	140.46	QTZT	QTZT	Non-Mineralized	N-AML	630	0.33	8	7			106	<20	0.24	<10	<10	76	<10		
E751570	K-07-0069	140.46	141.46	QTZT	QTZT	Non-Mineralized	N-AML	230	0.22	<5	2			36	<20	0.11	<10	<10	26	<10		
E751572	K-07-0069	141.46	142.46	QTZT	QTZT	Non-Mineralized	N-AML	450	0.22	<5	1			10	<20	0.09	<10	<10	14	<10		
E751573	K-07-0069	142.46	143.46	QTZT	QTZT	Non-Mineralized	N-AML	420	0.27	<5	1			5	<20	0.07	<10	<10	7	<10		
E751574	K-07-0069	143.46	144.46	QTZT	QTZT	Non-Mineralized	N-AML	340	0.76	7	5			30	<20	0.18	10	<10	53	<10		
E751575	K-07-0069	144.46	145.44	QTZT	QTZT	Non-Mineralized	N-AML	70	0.07	5	1			2	<20	0.05	<10	<10	5	<10		
E751576	K-07-0069	145.44	146.44	QTZT	QTZT	Non-Mineralized	N-AML	620	1.04	10	5			50	<20	0.19	<10	<10	63	<10		
E751578	K-07-0069	146.44	147.44	QTZT	QTZT	Non-Mineralized	N-AML	920	1.13	5	7			88	<20	0.23	<10	<10	78	<10		
E751579	K-07-0069	147.44	148.44	QTZT	QTZT	Non-Mineralized	N-AML	910	0.81	8	4			32	<20	0.1	<10	<10	41	<10		
E751580	K-07-0069	148.44	149.44	QTZT	QTZT	Non-Mineralized	N-AML	1090	1.09	10	8			71	<20	0.18	<10	<10	82	<10		
E751582	K-07-0069	150.49	151.49	QTZT	QTZT	Non-Mineralized	N-AML	120	0.22	<5	2			15	<20	0.09	<10	<10	14	<10		
E751585	K-07-0069	152.49	153.49	QTZT	QTZT	Non-Mineralized	N-AML	130	0.39	<5	1			2	<20	0.07	<10	<10	4	<10		
E751586	K-07-0069	153.49	154.49	QTZT	QTZT	Non-Mineralized	N-AML	150	0.16	<5	2			12	<20	0.12	<10	<10	23	<10		
E751587	K-07-0069	154.49	155.49	QTZT	QTZT	Non-Mineralized	N-AML	110	0.29	<5	1			3	<20	0.07	<10	<10	7	<10		
E751591	K-07-0069	157.37	158.37	QTZT	QTZT	Non-Mineralized	N-AML	370	0.63	<5	4			35	<20	0.15	<10	<10	49	<10		
E751592	K-07-0069	158.37	159.37	QTZT	QTZT	Non-Mineralized	N-AML	150	0.52	<5	2			13	<20	0.09	<10	<10	20	<10		
E751581	K-07-0069	149.44	150.49	QTZT	QTZT	Non-Mineralized	N-AML	100	0.1	<5	1			3	<20	0.08	<10	<10	5	<10		
E599839	K-07-0072	117.95	119.2	QTZT	QTZT	Non-Mineralized	N-AML	300	0.13	<5	2			83	<20	0.1	<10	<10	22	<10		
E599850	K-07-0072	133.36	134.99	QTZT	QTZT	Non-Mineralized	N-AML	100	0.25	<5	1			7	<20	0.05	10	<10	8	<10		
E599840	K-07-0072	119.2	121.07	QTZT	QTZT	Non-Mineralized	N-AML	590	0.62	7	6			70	<20	0.21	<10	<10	68	<10		
E599843	K-07-0072	123	124.2	QTZT	QTZT	Non-Mineralized	N-AML	190	0.16	<5	1			30	<20	0.06	<10	<10	7	<10		
E599845	K-07-0072	126	127.8	QTZT	QTZT	Non-Mineralized	N-AML	230	0.14	<5	1			15	<20	0.06	10	<10	8	<10		
E599846	K-07-0072	127.8	129.8	QTZT	QTZT	Non-Mineralized	N-AML	600	0.44	11	6			161	<20	0.2	<10	<10	59	<10		
E599847	K-07-0072	129.8	131.33	QTZT	QTZT	Non-Mineralized	N-AML	410	0.31	<5	4			75	<20	0.17	<10	<10	50	<10		
E599849	K-07-0072	132.2	133.36	QTZT	QTZT	Non-Mineralized	N-AML	550	1.09	8	5			77	<20	0.17	<10	<10	56	<10		
E599848	K-07-0072	131.33	132.2	QTZT	QTZT	Non-Mineralized	N-AML	720	0.48	6	9			127	<20	0.28	<10	<10	101	<10		
E599830	K-07-0072	105.47	107	QTZT	QTZT	Non-Mineralized	N-AML	440	0.25	<5	3			51	<20	0.13	<10	<10	34	<10		
E599833	K-07-0072	110.4	112.4	QTZT	QTZT	Non-Mineralized	N-AML	710	0.87	7	8			143	<20	0.24	<10	<10	83	<10		
E599834	K-07-0072	112.4	114	QTZT	QTZT	Mineralized	P-AML	200	0.16	<5	2			45	<20	0.12	<10	<10	22	<10		
E599828	K-07-0072	102.4	103.47	QTZT	QTZT	Non-Mineralized	N-AML	350	0.14	<5	2			70	<20	0.07	<10	<10	20	<10		
E599837	K-07-0072	115	116.8	QTZT	QTZT	Non-Mineralized	N-AML	260	0.17	<5	2			44	<20	0.09	<10	<10	19	<10		
E599826	K-07-0072	100.4	102.4	QTZT	QTZT	Non-Mineralized	N-AML	280	0.19	5	1			39	<20	0.07	<10	<10	15	<10		
E599844	K-07-0072	124.2	126	QTZT	QTZT	Non-Mineralized	N-AML	350	0.2	<5	3			31	<20	0.13	<10	<10	31	<10		
E599836	K-07-0072	114	115	QTZT	QTZT	Non-Mineralized	N-AML	900	0.57	<5	9			142	<20	0.29	10	<10	96	<10		
E599818	K-07-0072	87.16	89.2	QTZT	QTZT	Non-Mineralized	N-AML	340	0.1	<5	4			30	<20	0.17	<10	<10	42	<10		
E599809	K-07-0072	73.1	75	QTZT	QTZT	Non-Mineralized	N-AML	250	0.16	<5	1			25	<20	0.06	<10	<10	14	<10		
E599810	K-07-0072	75	77	QTZT	QTZT	Non-Mineralized	N-AML	590	0.38	<5	5			78	<20	0.17	<10	<10	56	<10		
E599811	K-07-0072	77	78.37	QTZT	QTZT	Non-Mineralized	N-AML	590	0.09	<5	6			41	<20	0.17	<10	<10	58	<10		
E599813	K-07-0072	78.37	80.03	QTZT	QTZT	Non-Mineralized	N-AML	380	0.11	<5	3			23	<20	0.11	<10	<10	27	<10		
E599815	K-07-0072	81.99	83.2	QTZT	QTZT	Non-Mineralized	N-AML	610	0.4	<5	4			69	<20	0.11	<10	<10	33	<10		
E599817	K-07-0072	85.2	87.16	QTZT	QTZT	Non-Mineralized	N-AML	560	0.48	<5	5			89	<20	0.17	10	<10	53	<10		
E599819	K-07-0072	89.2	91.2	QTZT	QTZT	Non-Mineralized	N-AML	430	0.24	<5	4			44	<20	0.15	<10	<10	38	<10		
E599820	K-07-0072	91.2	93.2	QTZT	QTZT	Non-Mineralized	N-AML	1050	1	<5	11			123	<20	0.3	<10	<10	109	<10		
E599823	K-07-0072	94.4	96.5	QTZT	QTZT	Non-Mineralized	N-AML	290	0.24	<5	1			48	<20	0.06	<10	<10	11	<10		
E599824	K-07-0072	96.5	98.4	QTZT	QTZT	Non-Mineralized	N-AML	480	0.59	6	4			181	<20	0.15	<10	<10	47	<10		
E599825	K-07-0072	98.4	100.4	QTZT	QTZT	Non-Mineralized	N-AML	470	0.44	7	5			124	<20	0.18	<10	<10	50	<10		
E599816	K-07-0072	83.2	85.2	QTZT	QTZT	Non-Mineralized	N-AML	760	0.22	<5	7			154	<20	0.24	<10	<10	70	<10		
E599838	K-07-0072	116.8	117.95	QTZT	QTZT	Non-Mineralized	N-AML	900	0.64	11	9			122	<20	0.29	<10	<10	104	<10		
E599909	K-07-0072	208.28	210	QTZT	QTZT	Non-Mineralized	N-AML	50	0.01	5	<1			6	<20	0.05	<10	<10	6	<10		
E599908	K-07-0072	206.47	208.28	QTZT	QTZT	Non-Mineralized	N-AML	80	0.01	<5	1			16	<20	0.04	10	<10	6	<10		
E599910	K-07-0072	210	212	QTZT	QTZT	Non-Mineralized	N-AML	50	0.01	<5	<1			7	<20	0.05	<10	<10	6	<10		
E599912	K-07-0072	214.05	216	QTZT	QTZT	Non-Mineralized	N-AML	100	0.01	<5	1			14	<20	0.05	<10	<10	9	<10		
E599913	K-07-0072	216	218	QTZT	QTZT	Non-Mineralized	N-AML	80	0.01	<5	<1			10	<20	0.04	<10	<10	5	<10		
E599914	K-07-0072	218	220.05	QTZT	QTZT	Non-Mineralized	N-AML	100	0.005	<5	<1			10	<20	0.04	<10	<10	3	<10		
E599915	K-07-0072	220.05	222.2	QTZT	QTZT	Non-Mineralized	N-AML	100	0.94	13	<1			4	<20	0.03	<10	<10	3	<10		
E599906	K-07-0072	204.45	206.47	QTZT	QTZT	Mineralized	P-AML	310	0.04	<5	1			20	<20	0.09	<10	<10	13	<10		
E599920	K-07-0074	8.08	10.07	QTZT	QTZT	Non-Mineralized	N-AML	350	0.12	<5	4			65	<20	0.11	<10	<10	36	<10		
E599922	K-07-0074	12.05	14.05	QTZT	QTZT	Non-Mineralized	N-AML	320	0.06	<5	4			68	<20	0.13	<10	<10	32	<10		
E599921	K-07-0074	10.07	12.05	QTZT	QTZT	Non-Mineralized	N-AML	590	0.15	<5	9			119	<20	0.24	<10	<10	82	<10		
E599923	K-07-0074	14.05	16.05	QTZT	QTZT	Non-Mineralized	N-AML	300	0.07	5	2			47	<20	0.08	<10	<10	15	<10		
E599939	K-07-0074	40.05	42.15	QTZT	QTZT	Non-Mineralized	N-AML	550	0.27	<5	3			151	<20	0.12	<10	<10	33	<10		
E599938	K-07-0074	38.05	40.05	QTZT	QTZT	Non-Mineralized	N-AML	550	0.25	<5	7			115	<20	0.21	<10	<10	72	<10		
E599937	K-07-0074	36.05	38.05	QTZT	QTZT	Non-Mineralized	N-AML	740	0.25	<5	11			174	<20	0.3	<10	<10	103	<10		
E599936	K-07-0074	34.05	36.05	QTZT	QTZT	Non-Mineralized	N-AML	170	0.13	<5	1			28	<20	0.08	<10	<10	11	<10		
E599935	K-07-0074	32.05	34.05	QTZT	QTZT	Non-Mineralized	N-AML	670	0.78	6	9			127	<20	0.2	<10	<10	80	<10		
E599933	K-07-0074	28.05	30.05	QTZT	QTZT	Non-Mineralized	N-AML	500	0.1	5	7			99	<20	0.19	<10	<10	63	<10		
E599931	K-07-0074	26.05	28.05	QTZT	QTZT	Non-Mineralized	N-AML	720	0.1	5	8			147	<20	0.23	<10	<10	74	<10		
E599930	K-07-0074	24.05	26.05	QTZT	QTZT	Non-Mineralized	N-AML	610	0.09	5	8			140	<20	0.2	<10	<10	77	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E599929	K-07-0074	22.05	24.05	QTZT	QTZT	Non-Mineralized	N-AML	670	0.08	<5	10			133	<20	0.24	<10	<10	93	<10		
E599926	K-07-0074	18.05	20.05	QTZT	QTZT	Non-Mineralized	N-AML	410	0.11	<5	2			34	<20	0.11	<10	<10	24	<10		
E599924	K-07-0074	16.05	18.05	QTZT	QTZT	Non-Mineralized	N-AML	350	0.08	5	2			31	<20	0.09	<10	<10	19	<10		
E599953	K-07-0074	61.4	63.4	QTZT	QTZT	Non-Mineralized	N-AML	750	0.36	7	10			226	<20	0.29	<10	<10	109	<10		
E599950	K-07-0074	57.4	59.4	QTZT	QTZT	Non-Mineralized	N-AML	590	0.3	<5	3			169	<20	0.08	<10	<10	30	<10		
E599955	K-07-0074	65.4	67.73	QTZT	QTZT	Non-Mineralized	N-AML	310	0.25	<5	1			27	<20	0.05	<10	<10	15	<10		
E599954	K-07-0074	63.4	65.4	QTZT	QTZT	Non-Mineralized	N-AML	490	0.27	7	4			64	<20	0.12	<10	<10	39	<10		
E599951	K-07-0074	59.4	61.4	QTZT	QTZT	Non-Mineralized	N-AML	280	0.14	<5	1			23	<20	0.09	<10	<10	16	<10		
E599949	K-07-0074	55.4	57.4	QTZT	QTZT	Non-Mineralized	N-AML	620	0.13	5	9			150	<20	0.2	<10	<10	87	<10		
E599947	K-07-0074	53.4	55.4	QTZT	QTZT	Non-Mineralized	N-AML	310	0.13	<5	2			53	<20	0.09	<10	<10	22	<10		
E599946	K-07-0074	51.4	53.4	QTZT	QTZT	Non-Mineralized	N-AML	360	0.15	5	2			84	<20	0.09	<10	<10	26	<10		
E599945	K-07-0074	49.41	51.4	QTZT	QTZT	Non-Mineralized	N-AML	420	0.15	<5	5			96	<20	0.14	<10	<10	48	<10		
E599998	K-07-0074	130.85	131.85	QTZT	QTZT	Non-Mineralized	N-AML	240	0.31	<5	1			26	<20	0.05	<10	<10	10	<10		
E599985	K-07-0074	111.85	113.85	QTZT	QTZT	Non-Mineralized	N-AML	280	0.27	<5	5			27	<20	0.17	10	<10	47	<10		
E599983	K-07-0074	109.85	111.85	QTZT	QTZT	Non-Mineralized	N-AML	340	0.21	<5	4			20	<20	0.12	<10	<10	41	<10		
E599982	K-07-0074	107.85	109.85	QTZT	QTZT	Non-Mineralized	N-AML	440	0.24	6	4			51	<20	0.13	<10	<10	38	<10		
E599981	K-07-0074	105.85	107.85	QTZT	QTZT	Non-Mineralized	N-AML	450	0.4	6	4			79	<20	0.14	<10	<10	45	<10		
E599980	K-07-0074	103.85	105.85	QTZT	QTZT	Non-Mineralized	N-AML	370	0.24	<5	4			79	<20	0.17	<10	<10	46	<10		
E599988	K-07-0074	117.85	119.85	QTZT	QTZT	Non-Mineralized	N-AML	330	0.4	<5	3			141	<20	0.1	<10	<10	31	<10		
E599989	K-07-0074	119.85	120.85	QTZT	QTZT	Non-Mineralized	N-AML	400	0.3	<5	2			85	<20	0.06	<10	<10	17	<10		
E599990	K-07-0074	120.85	122.85	QTZT	QTZT	Mineralized	P-AML	330	0.24	<5	3			57	<20	0.13	<10	<10	30	<10		
E599993	K-07-0074	124.85	126.85	QTZT	QTZT	Non-Mineralized	N-AML	290	0.28	<5	2			34	<20	0.1	<10	<10	24	<10		
E599994	K-07-0074	126.85	128.85	QTZT	QTZT	Mineralized	P-AML	310	0.28	<5	3			48	<20	0.1	<10	<10	26	<10		
E599996	K-07-0074	129.85	130.85	QTZT	QTZT	Non-Mineralized	N-AML	430	0.77	5	3			97	<20	0.11	<10	<10	31	<10		
E599999	K-07-0074	131.85	132.85	QTZT	QTZT	Non-Mineralized	N-AML	170	0.34	<5	1			23	<20	0.05	<10	<10	11	<10		
E600000	K-07-0074	132.85	133.85	QTZT	QTZT	Non-Mineralized	N-AML	280	0.5	<5	1			73	<20	0.05	<10	<10	14	<10		
E599986	K-07-0074	113.85	115.85	QTZT	QTZT	Non-Mineralized	N-AML	580	0.37	5	7			104	<20	0.22	<10	<10	71	<10		
E599979	K-07-0074	101.85	103.85	QTZT	QTZT	Non-Mineralized	N-AML	570	0.34	7	9			148	<20	0.27	<10	<10	83	<10		
E599972	K-07-0074	89.85	91.85	QTZT	QTZT	Non-Mineralized	N-AML	270	0.16	<5	2			61	<20	0.09	<10	<10	20	<10		
E599968	K-07-0074	83.83	85.85	QTZT	QTZT	Non-Mineralized	N-AML	350	0.4	<5	3			104	<20	0.11	<10	<10	32	10		
E599970	K-07-0074	87.85	89.85	QTZT	QTZT	Non-Mineralized	N-AML	320	0.17	<5	4			99	<20	0.13	<10	<10	35	<10		
E599973	K-07-0074	91.85	93.85	QTZT	QTZT	Non-Mineralized	N-AML	270	0.12	<5	2			30	<20	0.09	<10	<10	17	10		
E599975	K-07-0074	95.85	97.85	QTZT	QTZT	Non-Mineralized	N-AML	470	0.23	7	7			151	<20	0.21	<10	<10	66	<10		
E599976	K-07-0074	97.85	99.85	QTZT	QTZT	Non-Mineralized	N-AML	350	0.23	<5	3			105	<20	0.1	<10	<10	27	10		
E599978	K-07-0074	99.85	101.85	QTZT	QTZT	Non-Mineralized	N-AML	920	0.2	5	4			120	<20	0.15	<10	<10	38	<10		
E599969	K-07-0074	85.85	87.85	QTZT	QTZT	Non-Mineralized	N-AML	580	0.46	<5	6			122	<20	0.22	<10	<10	66	<10		
E600018	K-07-0074	152.65	153.65	QTZT	QTZT	Non-Mineralized	N-AML	420	1.28	<5	6			34	<20	0.18	<10	<10	63	<10		
E600019	K-07-0074	153.65	154.65	QTZT	QTZT	Non-Mineralized	N-AML	230	0.81	<5	2			13	<20	0.08	<10	<10	25	<10		
E600014	K-07-0074	149.65	150.65	QTZT	QTZT	Non-Mineralized	N-AML	350	0.25	<5	4			35	<20	0.14	<10	<10	38	<10		
E600065	K-07-0074	212.35	214.9	QTZT	QTZT	Mineralized	P-AML	260	0.11	<5	5			27	<20	0.2	<10	<10	54	<10		
E600034	K-07-0074	164.29	165.3	QTZT	QTZT	Non-Mineralized	N-AML	150	0.25	8	3			6	<20	0.04	<10	<10	20	<10		
E600036	K-07-0074	166.3	167.5	QTZT	QTZT	Non-Mineralized	N-AML	450	0.27	<5	2			5	<20	0.07	<10	<10	27	<10		
E600039	K-07-0074	168.5	170.5	QTZT	QTZT	Non-Mineralized	P-AML	1100	0.82	9	14			76	<20	0.33	<10	<10	147	<10		
E600040	K-07-0074	170.5	172.5	QTZT	QTZT	Non-Mineralized	N-AML	530	0.62	<5	7			40	<20	0.2	<10	<10	68	<10		
E600041	K-07-0074	172.5	174.5	QTZT	QTZT	Non-Mineralized	N-AML	320	0.33	<5	3			13	<20	0.08	<10	<10	26	<10		
E600042	K-07-0074	174.5	176.5	QTZT	QTZT	Non-Mineralized	P-AML	1070	0.64	8	9			66	<20	0.27	<10	<10	103	<10		
E600043	K-07-0074	176.5	178.5	QTZT	QTZT	Non-Mineralized	N-AML	440	0.39	<5	4			33	<20	0.13	<10	<10	37	<10		
E600045	K-07-0074	178.5	180.5	QTZT	QTZT	Non-Mineralized	N-AML	1350	1.5	10	11			207	<20	0.3	<10	<10	110	<10		
E600047	K-07-0074	182.5	184.5	QTZT	QTZT	Non-Mineralized	N-AML	520	0.4	5	6			64	<20	0.19	<10	<10	65	<10		
E600016	K-07-0074	151.65	152.65	QTZT	QTZT	Non-Mineralized	N-AML	400	1.24	<5	4			22	<20	0.09	<10	<10	42	<10		
E600050	K-07-0074	188.5	190.5	QTZT	QTZT	Non-Mineralized	N-AML	310	0.27	<5	3			21	<20	0.14	<10	<10	32	<10		
E600006	K-07-0074	138.64	140.65	QTZT	QTZT	Non-Mineralized	N-AML	380	0.26	<5	4			103	<20	0.15	<10	<10	39	<10		
E600007	K-07-0074	140.65	142.65	QTZT	QTZT	Non-Mineralized	N-AML	440	0.2	<5	5			62	<20	0.18	<10	<10	51	<10		
E600008	K-07-0074	142.65	144.65	QTZT	QTZT	Non-Mineralized	N-AML	530	0.37	7	5			51	<20	0.16	<10	<10	50	<10		
E600009	K-07-0074	144.65	146.65	QTZT	QTZT	Non-Mineralized	N-AML	860	0.65	10	8			77	<20	0.22	10	<10	88	<10		
E600010	K-07-0074	146.65	147.65	QTZT	QTZT	Non-Mineralized	N-AML	940	0.75	6	5			51	<20	0.1	10	<10	52	<10		
E600013	K-07-0074	148.65	149.65	QTZT	QTZT	Non-Mineralized	N-AML	540	0.28	<5	5			70	<20	0.15	<10	<10	55	<10		
E600048	K-07-0074	184.5	186.5	QTZT	QTZT	Non-Mineralized	N-AML	600	0.5	<5	5			49	<20	0.18	<10	<10	58	<10		
E600052	K-07-0074	190.5	192.5	QTZT	QTZT	Non-Mineralized	N-AML	750	0.51	<5	8			86	<20	0.25	<10	<10	84	<10		
E600053	K-07-0074	192.5	194.5	QTZT	QTZT	Non-Mineralized	P-AML	750	0.38	<5	9			65	<20	0.25	<10	<10	87	<10		
E600054	K-07-0074	194.5	196.5	QTZT	QTZT	Non-Mineralized	N-AML	160	0.2	<5	1			6	<20	0.09	<10	<10	9	<10		
E600055	K-07-0074	196.5	198.5	QTZT	QTZT	Non-Mineralized	N-AML	240	0.13	<5	2			17	<20	0.08	<10	<10	18	<10		
E600056	K-07-0074	198.5	200.5	QTZT	QTZT	Mineralized	P-AML	120	0.04	<5	1			5	<20	0.08	<10	<10	4	<10		
E600059	K-07-0074	202.5	204.5	QTZT	QTZT	Non-Mineralized	N-AML	190	0.14	<5	1			13	<20	0.09	<10	<10	9	<10		
E600060	K-07-0074	204.5	206.5	QTZT	QTZT	Non-Mineralized	N-AML	370	0.29	<5	6			44	<20	0.23	<10	<10	69	<10		
E600062	K-07-0074	208.5	210.5	QTZT	QTZT	Non-Mineralized	N-AML	290	0.15	<5	2			16	<20	0.13	<10	<10	25	<10		
E600063	K-07-0074	210.5	212.35	QTZT	QTZT	Non-Mineralized	N-AML	210	0.19	<5	3			21	<20	0.16	<10	<10	32	<10		
E600066	K-07-0074	214.9	216.9	QTZT	QTZT	Non-Mineralized	N-AML	130	0.05	<5	1			5	<20	0.09	<10	<10	8	<10		
E600049	K-07-0074	186.5	188.5	QTZT	QTZT	Non-Mineralized	N-AML	150	0.08	<5	1			3	<20	0.07	<10	<10	7	<10		
E600068	K-07-0074	218.9	220.9	QTZT	QTZT	Non-Mineralized	N-AML	350	0.31	<5	3			32	<20	0.15	<10	<10	37	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E600069	K-07-0074	220.9	222.2	QTZT	QTZT	Non-Mineralized	N-AML	320	0.08	<5	4			42	<20	0.16	<10	<10	41	<10		
E600067	K-07-0074	216.9	218.9	QTZT	QTZT	Non-Mineralized	N-AML	270	0.08	<5	1			7	<20	0.08	<10	<10	10	<10		
E777303	K-08-0138	116.47	118.87	QTZT	QTZT	Non-Mineralized	N-AML	390	0.6	5	4			54	<20	0.11	<10	<10	39	<10		
E777304	K-08-0138	118.87	119.62	QTZT	QTZT	Non-Mineralized	N-AML	110	0.2	<5	1			8	<20	0.05	<10	<10	8	<10		
E777309	K-08-0138	120.97	121.93	QTZT	QTZT	Non-Mineralized	N-AML	190	0.09	<5	2			9	<20	0.1	<10	<10	18	<10		
E601554	K-07-0116	4.56	6.54	QTZT	QTZT	Non-Mineralized	N-AML	260	0.13	<5	3			53	<20	0.09	10	<10	23	<10		
E601555	K-07-0116	6.54	8.57	QTZT	QTZT	Non-Mineralized	N-AML	380	0.1	<5	2			40	<20	0.08	<10	<10	15	<10		
E601556	K-07-0116	8.57	10.54	QTZT	QTZT	Non-Mineralized	N-AML	210	0.06	<5	2			31	<20	0.09	<10	<10	17	<10		
E601557	K-07-0116	10.54	12.58	QTZT	QTZT	Non-Mineralized	N-AML	350	0.06	<5	4			53	<20	0.11	<10	<10	33	<10		
E601558	K-07-0116	12.58	14.02	QTZT	QTZT	Non-Mineralized	N-AML	310	0.06	<5	3			60	<20	0.12	<10	<10	32	<10		
E601560	K-07-0116	14.02	15.94	QTZT	QTZT	Non-Mineralized	N-AML	340	0.13	<5	1			31	<20	0.05	<10	<10	10	<10		
E601563	K-07-0116	17.09	18.39	QTZT	QTZT	Non-Mineralized	N-AML	300	0.12	5	1			55	<20	0.05	<10	<10	11	<10		
E601561	K-07-0116	15.94	17.09	QTZT	QTZT	Non-Mineralized	N-AML	330	0.2	<5	1			11	<20	0.07	<10	<10	11	<10		
E601564	K-07-0116	18.39	20.51	QTZT	QTZT	Non-Mineralized	N-AML	520	0.08	<5	9			117	<20	0.24	<10	<10	81	<10		
E601565	K-07-0116	20.51	22.56	QTZT	QTZT	Non-Mineralized	N-AML	630	0.11	<5	8			177	<20	0.19	<10	<10	77	<10		
E601566	K-07-0116	22.56	24.52	QTZT	QTZT	Non-Mineralized	N-AML	320	0.11	<5	3			76	<20	0.14	<10	<10	36	<10		
E601567	K-07-0116	24.52	26.49	QTZT	QTZT	Non-Mineralized	N-AML	530	0.13	<5	6			137	<20	0.18	<10	<10	56	<10		
E601568	K-07-0116	26.49	28.5	QTZT	QTZT	Non-Mineralized	N-AML	460	0.17	<5	7			88	<20	0.16	<10	<10	64	<10		
E601593	K-07-0116	65.84	67.06	QTZT	QTZT	Non-Mineralized	N-AML	310	0.65	<5	6			52	<20	0.15	10	<10	66	<10		
E601592	K-07-0116	64.31	65.84	QTZT	QTZT	Non-Mineralized	N-AML	310	0.34	<5	3			74	<20	0.11	<10	<10	37	<10		
E601598	K-07-0116	74.35	76.19	QTZT	QTZT	Non-Mineralized	N-AML	320	0.24	<5	2			52	<20	0.1	<10	<10	25	<10		
E601600	K-07-0116	76.19	78.21	QTZT	QTZT	Non-Mineralized	N-AML	320	0.12	<5	2			19	<20	0.1	<10	<10	18	<10		
E601601	K-07-0116	78.21	80.08	QTZT	QTZT	Non-Mineralized	N-AML	340	0.25	<5	3			66	<20	0.12	<10	<10	31	<10		
E601604	K-07-0116	80.87	82.87	QTZT	QTZT	Non-Mineralized	N-AML	510	0.4	<5	6			69	<20	0.2	<10	<10	64	<10		
E601603	K-07-0116	80.08	80.87	QTZT	QTZT	Non-Mineralized	N-AML	140	0.11	6	1			14	<20	0.06	<10	<10	9	<10		
E601637	K-07-0116	137.95	140	QTZT	QTZT	Non-Mineralized	N-AML	410	0.2	<5	2			72	<20	0.1	<10	<10	23	<10		
E601638	K-07-0116	140	142.04	QTZT	QTZT	Non-Mineralized	N-AML	550	0.68	<5	6			175	<20	0.22	10	<10	62	<10		
E601640	K-07-0116	142.04	144.14	QTZT	QTZT	Non-Mineralized	N-AML	170	0.16	<5	2			34	<20	0.1	<10	<10	18	<10		
E601641	K-07-0116	144.14	145.85	QTZT	QTZT	Non-Mineralized	N-AML	640	0.07	<5	12			253	<20	0.28	<10	<10	82	<10		
E601643	K-07-0116	145.85	147.37	QTZT	QTZT	Non-Mineralized	N-AML	670	0.9	<5	4			117	<20	0.14	<10	<10	53	<10		
E601634	K-07-0116	131.81	133.88	QTZT	QTZT	Non-Mineralized	N-AML	370	0.35	<5	4			48	<20	0.18	<10	<10	42	<10		
E601636	K-07-0116	135.94	137.95	QTZT	QTZT	Non-Mineralized	N-AML	540	0.2	<5	5			94	<20	0.19	<10	<10	51	<10		
E601626	K-07-0116	117.65	119.58	QTZT	QTZT	Non-Mineralized	N-AML	400	0.24	<5	3			40	<20	0.15	<10	<10	37	<10		
E601617	K-07-0116	103.61	105.46	QTZT	QTZT	Non-Mineralized	N-AML	330	0.59	<5	2			118	<20	0.09	<10	<10	25	<10		
E601618	K-07-0116	105.46	107.57	QTZT	QTZT	Non-Mineralized	N-AML	610	0.68	<5	9			142	<20	0.26	<10	<10	89	<10		
E601620	K-07-0116	107.57	109.64	QTZT	QTZT	Non-Mineralized	N-AML	270	0.19	<5	3			67	<20	0.13	<10	<10	28	10		
E601621	K-07-0116	109.64	111.56	QTZT	QTZT	Non-Mineralized	N-AML	470	0.32	<5	7			136	<20	0.24	10	<10	73	<10		
E601623	K-07-0116	111.56	113.55	QTZT	QTZT	Non-Mineralized	N-AML	710	0.8	11	6			114	<20	0.21	<10	<10	66	<10		
E601615	K-07-0116	99.72	101.71	QTZT	QTZT	Non-Mineralized	N-AML	620	0.44	6	6			119	<20	0.21	<10	<10	63	<10		
E601625	K-07-0116	115.6	117.65	QTZT	QTZT	Non-Mineralized	N-AML	220	0.16	<5	2			34	<20	0.09	<10	<10	19	<10		
E601614	K-07-0116	97.7	99.72	QTZT	QTZT	Non-Mineralized	N-AML	330	0.18	<5	2			88	<20	0.08	<10	<10	19	<10		
E601627	K-07-0116	119.58	121.55	QTZT	QTZT	Non-Mineralized	N-AML	460	0.32	<5	5			123	<20	0.19	<10	<10	56	<10		
E601628	K-07-0116	121.55	123.6	QTZT	QTZT	Non-Mineralized	N-AML	1170	0.78	<5	8			146	<20	0.26	<10	<10	92	<10		
E601629	K-07-0116	123.6	125.64	QTZT	QTZT	Non-Mineralized	N-AML	470	0.39	<5	6			102	<20	0.21	<10	<10	62	<10		
E601631	K-07-0116	125.64	127.71	QTZT	QTZT	Non-Mineralized	N-AML	550	0.34	<5	5			91	<20	0.2	<10	<10	56	<10		
E601632	K-07-0116	127.71	129.74	QTZT	QTZT	Non-Mineralized	N-AML	300	0.16	<5	2			27	<20	0.08	<10	<10	15	<10		
E601633	K-07-0116	129.74	131.81	QTZT	QTZT	Non-Mineralized	N-AML	70	0.04	<5	<1			4	<20	0.06	<10	<10	4	<10		
E601624	K-07-0116	113.55	115.6	QTZT	QTZT	Non-Mineralized	N-AML	210	0.13	5	1			51	<20	0.08	<10	<10	14	<10		
E601616	K-07-0116	101.71	103.61	QTZT	QTZT	Non-Mineralized	N-AML	450	0.62	<5	3			99	<20	0.16	<10	<10	39	10		
E601635	K-07-0116	133.88	135.94	QTZT	QTZT	Non-Mineralized	N-AML	540	0.58	<5	4			103	<20	0.18	<10	<10	50	<10		
E601609	K-07-0116	89.67	91.72	QTZT	QTZT	Non-Mineralized	N-AML	270	0.4	<5	2			87	<20	0.1	<10	<10	25	<10		
E601611	K-07-0116	91.72	93.79	QTZT	QTZT	Non-Mineralized	N-AML	190	0.18	5	2			47	<20	0.1	<10	<10	18	<10		
E601612	K-07-0116	93.79	95.75	QTZT	QTZT	Non-Mineralized	N-AML	500	0.38	<5	8			93	<20	0.27	<10	<10	74	<10		
E601613	K-07-0116	95.75	97.7	QTZT	QTZT	Non-Mineralized	N-AML	320	0.24	<5	3			45	<20	0.1	<10	<10	26	<10		
E601647	K-07-0116	153.46	155.44	QTZT	QTZT	Non-Mineralized	N-AML	450	0.54	<5	4			73	<20	0.14	<10	<10	51	<10		
E601644	K-07-0116	147.37	149.46	QTZT	QTZT	Non-Mineralized	N-AML	110	0.13	<5	1			17	<20	0.05	<10	<10	6	<10		
E601656	K-07-0116	169.47	171.51	QTZT	QTZT	Non-Mineralized	N-AML	470	0.41	<5	17			182	<20	0.49	<10	<10	173	<10		
E601646	K-07-0116	151.46	153.46	QTZT	QTZT	Non-Mineralized	N-AML	440	0.44	<5	4			59	<20	0.13	<10	<10	44	<10		
E601655	K-07-0116	167.61	169.47	QTZT	QTZT	Non-Mineralized	N-AML	290	0.21	<5	5			35	<20	0.17	<10	<10	55	<10		
E601648	K-07-0116	155.44	157.44	QTZT	QTZT	Non-Mineralized	N-AML	360	0.32	<5	2			50	<20	0.09	<10	<10	29	<10		
E601649	K-07-0116	157.44	159.48	QTZT	QTZT	Non-Mineralized	N-AML	200	0.25	<5	1			25	<20	0.07	<10	<10	15	<10		
E601651	K-07-0116	159.48	161.48	QTZT	QTZT	Non-Mineralized	N-AML	530	0.34	<5	4			71	<20	0.16	<10	<10	46	<10		
E601652	K-07-0116	161.48	163.48	QTZT	QTZT	Non-Mineralized	N-AML	450	0.26	<5	3			50	<20	0.14	<10	<10	40	<10		
E601653	K-07-0116	163.48	165.51	QTZT	QTZT	Non-Mineralized	N-AML	300	0.18	<5	3			31	<20	0.14	<10	<10	33	<10		
E601654	K-07-0116	165.51	167.61	QTZT	QTZT	Non-Mineralized	N-AML	320	0.36	<5	5			47	<20	0.16	<10	<10	51	<10		
E601645	K-07-0116	149.46	151.46	QTZT	QTZT	Non-Mineralized	N-AML	100	0.05	<5	1			7	<20	0.05	<10	<10	5	<10		
E601667	K-07-0116	190.5	192.5	QTZT	QTZT	Non-Mineralized	N-AML	460	0.33	<5	6			52	<20	0.21	<10	<10	66	<10		
E601658	K-07-0116	173.53	175.56	QTZT	QTZT	Non-Mineralized	N-AML	290	0.32	<5	4			51	<20	0.18	<10	<10	46	<10		
E601660	K-07-0116	175.56	177.6	QTZT	QTZT	Non-Mineralized	N-AML	360	0.28	<5	4			44	<20	0.15	<10	<10	46	<10		
E601661	K-07-0116	177.6	179.59	QTZT	QTZT	Non-Mineralized	N-AML	180	0.2	<5	1			7	<20	0.07	<10	<10	10	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E601662	K-07-0116	179.59	181.66	QTZT	QTZT	Non-Mineralized	N-AML	470	0.4	<5	3			62	<20	0.11	<10	<10	32	<10		
E601663	K-07-0116	181.66	183.64	QTZT	QTZT	Non-Mineralized	N-AML	210	0.11	<5	1			12	<20	0.05	<10	<10	9	<10		
E601666	K-07-0116	187.76	190.5	QTZT	QTZT	Non-Mineralized	N-AML	250	0.23	<5	3			36	<20	0.11	<10	<10	30	<10		
E601665	K-07-0116	183.64	187.76	QTZT	QTZT	Non-Mineralized	N-AML	190	0.15	9	2			46	<20	0.07	<10	<10	17	<10		
E601668	K-07-0116	192.5	194.48	QTZT	QTZT	Non-Mineralized	N-AML	410	0.19	<5	2			61	<20	0.07	<10	<10	21	<10		
E601669	K-07-0116	194.48	196.45	QTZT	QTZT	Non-Mineralized	N-AML	800	0.75	<5	10			124	<20	0.3	<10	<10	106	<10		
E601670	K-07-0116	196.45	198.5	QTZT	QTZT	Non-Mineralized	N-AML	500	0.45	<5	5			46	<20	0.18	<10	<10	58	<10		
E601671	K-07-0116	198.5	200.46	QTZT	QTZT	Non-Mineralized	N-AML	150	0.08	<5	1			3	<20	0.07	<10	<10	5	<10		
E601673	K-07-0116	200.46	202.5	QTZT	QTZT	Non-Mineralized	N-AML	130	0.11	<5	<1			3	<20	0.06	<10	<10	5	<10		
E601674	K-07-0116	202.5	204.6	QTZT	QTZT	Non-Mineralized	N-AML	240	0.22	<5	2			11	<20	0.11	10	<10	26	<10		
E601675	K-07-0116	204.6	206.59	QTZT	QTZT	Non-Mineralized	N-AML	530	0.46	<5	6			40	<20	0.2	10	<10	66	<10		
E601676	K-07-0116	206.59	208.6	QTZT	QTZT	Non-Mineralized	N-AML	410	0.45	7	5			39	<20	0.2	10	<10	59	<10		
E601677	K-07-0116	208.6	210.52	QTZT	QTZT	Non-Mineralized	N-AML	230	0.27	<5	2			8	<20	0.1	<10	<10	18	<10		
E601708	K-07-0116	240.09	241.59	QTZT	QTZT	Non-Mineralized	N-AML	90	0.1	<5	1			3	<20	0.06	<10	<10	8	<10		
E601702	K-07-0116	234.57	235.39	QTZT	QTZT	Non-Mineralized	N-AML	580	0.81	8	6			48	<20	0.13	<10	<10	77	<10		
E601703	K-07-0116	235.39	236.77	QTZT	QTZT	Non-Mineralized	N-AML	160	0.17	<5	2			11	<20	0.1	<10	<10	22	<10		
E601705	K-07-0116	236.77	237.31	QTZT	QTZT	Non-Mineralized	N-AML	740	0.86	10	6			82	<20	0.21	<10	<10	118	<10		
E601697	K-07-0116	229.91	230.9	QTZT	QTZT	Non-Mineralized	N-AML	70	0.06	<5	1			2	<20	0.05	<10	<10	5	<10		
E601707	K-07-0116	239.08	240.09	QTZT	QTZT	Non-Mineralized	N-AML	120	0.47	6	1			2	<20	0.05	<10	<10	7	<10		
E601696	K-07-0116	229.24	229.91	QTZT	QTZT	Non-Mineralized	N-AML	450	0.75	<5	5			64	<20	0.17	<10	<10	55	<10		
E601709	K-07-0116	241.59	242.62	QTZT	QTZT	Non-Mineralized	N-AML	60	0.05	<5	<1			<1	<20	0.04	<10	<10	2	<10		
E601710	K-07-0116	242.62	244.42	QTZT	QTZT	Non-Mineralized	N-AML	90	0.09	7	<1			3	<20	0.05	<10	<10	3	<10		
E601711	K-07-0116	244.42	246.2	QTZT	QTZT	Non-Mineralized	N-AML	90	0.18	<5	1			11	<20	0.08	<10	<10	8	<10		
E601713	K-07-0116	246.2	248.18	QTZT	QTZT	Non-Mineralized	N-AML	90	0.5	<5	1			4	<20	0.08	<10	<10	10	<10		
E601714	K-07-0116	248.18	250.22	QTZT	QTZT	Non-Mineralized	P-AML	710	0.29	<5	6			111	<20	0.25	<10	<10	74	<10		
E601706	K-07-0116	237.31	239.08	QTZT	QTZT	Non-Mineralized	N-AML	130	0.53	6	1			10	<20	0.07	<10	<10	17	<10		
E601678	K-07-0116	210.52	212.4	QTZT	QTZT	Non-Mineralized	N-AML	340	0.21	<5	1			5	<20	0.06	<10	<10	9	<10		
E601680	K-07-0116	212.4	214.55	QTZT	QTZT	Non-Mineralized	N-AML	940	0.86	7	11			110	<20	0.28	10	<10	114	<10		
E601681	K-07-0116	214.55	216.52	QTZT	QTZT	Non-Mineralized	N-AML	710	0.59	6	8			68	<20	0.26	<10	<10	88	10		
E601683	K-07-0116	216.52	218.5	QTZT	QTZT	Non-Mineralized	N-AML	450	0.41	<5	4			42	<20	0.17	<10	<10	51	<10		
E601684	K-07-0116	218.5	220.51	QTZT	QTZT	Non-Mineralized	N-AML	150	0.42	<5	1			4	<20	0.08	<10	<10	11	<10		
E601699	K-07-0116	230.9	232.67	QTZT	QTZT	Non-Mineralized	N-AML	100	0.06	<5	<1			2	<20	0.04	<10	<10	3	<10		
E601686	K-07-0116	221.58	221.92	QTZT	QTZT	Non-Mineralized	N-AML	90	0.01	<5	1			2	<20	0.07	<10	<10	5	<10		
E601688	K-07-0116	223.76	224.68	QTZT	QTZT	Non-Mineralized	N-AML	80	0.26	<5	1			4	<20	0.05	<10	<10	9	<10		
E601689	K-07-0116	224.68	225.52	QTZT	QTZT	Non-Mineralized	N-AML	60	0.01	<5	<1			3	<20	0.04	<10	<10	3	<10		
E601690	K-07-0116	225.52	226.71	QTZT	QTZT	Non-Mineralized	N-AML	100	0.01	<5	1			4	<20	0.06	<10	<10	7	<10		
E601692	K-07-0116	226.71	227.38	QTZT	QTZT	Non-Mineralized	N-AML	120	0.05	<5	1			3	<20	0.08	<10	<10	8	<10		
E601694	K-07-0116	227.76	228.66	QTZT	QTZT	Non-Mineralized	N-AML	270	0.92	<5	5			8	<20	0.24	<10	<10	65	<10		
E601685	K-07-0116	220.51	221.58	QTZT	QTZT	Non-Mineralized	N-AML	80	0.05	<5	1			2	<20	0.06	<10	<10	5	<10		
E601715	K-07-0116	250.22	252.04	QTZT	QTZT	Non-Mineralized	N-AML	270	0.6	<5	5			53	<20	0.19	<10	<10	57	<10		
E601716	K-07-0116	252.04	254.21	QTZT	QTZT	Non-Mineralized	N-AML	220	1.03	<5	5			58	<20	0.19	<10	<10	77	<10		
E601720	K-07-0116	258.12	260.72	QTZT	QTZT	Mineralized	P-AML	160	0.03	<5	1			13	<20	0.08	<10	<10	9	<10		
E601721	K-07-0116	260.72	263.96	QTZT	QTZT	Non-Mineralized	N-AML	380	0.43	<5	4			62	<20	0.18	<10	<10	50	<10		
E601723	K-07-0116	263.96	266.85	QTZT	QTZT	Non-Mineralized	N-AML	460	0.48	5	6			83	<20	0.23	<10	<10	71	10		
E601718	K-07-0116	255.86	258.12	QTZT	QTZT	Non-Mineralized	N-AML	40	0.01	<5	<1			7	<20	0.07	<10	<10	3	<10		
E601717	K-07-0116	254.21	255.86	QTZT	QTZT	Non-Mineralized	N-AML	120	0.1	<5	2			24	<20	0.11	<10	<10	19	<10		
E601740	K-07-0118	30.45	32.45	QTZT	QTZT	Non-Mineralized	N-AML	420	0.18	<5	5			74	<20	0.15	<10	<10	52	<10		
E601732	K-07-0118	16.47	18.47	QTZT	QTZT	Non-Mineralized	N-AML	340	0.09	<5	3			41	<20	0.1	<10	<10	27	<10		
E601726	K-07-0118	6.45	8.45	QTZT	QTZT	Non-Mineralized	N-AML	450	0.06	<5	6			97	<20	0.15	<10	<10	54	<10		
E601727	K-07-0118	8.45	10.45	QTZT	QTZT	Non-Mineralized	N-AML	350	0.07	<5	3			62	<20	0.13	<10	<10	32	<10		
E601728	K-07-0118	10.45	12.45	QTZT	QTZT	Non-Mineralized	N-AML	290	0.09	<5	2			25	<20	0.08	<10	<10	16	10		
E601731	K-07-0118	14.45	16.47	QTZT	QTZT	Non-Mineralized	N-AML	290	0.05	<5	3			40	<20	0.11	<10	<10	25	<10		
E601741	K-07-0118	32.45	33.89	QTZT	QTZT	Non-Mineralized	N-AML	320	0.13	<5	3			58	<20	0.1	10	<10	28	<10		
E601733	K-07-0118	18.47	20.47	QTZT	QTZT	Non-Mineralized	N-AML	430	0.22	<5	1			36	<20	0.08	<10	<10	14	170		
E601734	K-07-0118	20.47	22.47	QTZT	QTZT	Non-Mineralized	N-AML	440	0.21	<5	3			30	<20	0.13	<10	<10	27	10		
E601735	K-07-0118	22.47	24.45	QTZT	QTZT	Non-Mineralized	N-AML	500	0.08	<5	7			86	<20	0.14	<10	<10	58	<10		
E601736	K-07-0118	24.45	26.45	QTZT	QTZT	Non-Mineralized	N-AML	560	0.07	<5	9			122	<20	0.24	<10	<10	84	<10		
E601737	K-07-0118	26.45	28.45	QTZT	QTZT	Non-Mineralized	N-AML	780	0.13	6	10			196	<20	0.27	<10	<10	95	<10		
E601738	K-07-0118	28.45	30.45	QTZT	QTZT	Non-Mineralized	N-AML	820	0.17	<5	6			143	<20	0.18	<10	<10	59	<10		
E601729	K-07-0118	12.45	14.45	QTZT	QTZT	Non-Mineralized	N-AML	260	0.06	<5	3			43	<20	0.1	<10	<10	23	<10		
E601761	K-07-0118	64.05	65.59	QTZT	QTZT	Non-Mineralized	N-AML	620	0.22	<5	4			169	<20	0.15	<10	10	47	<10		
E601755	K-07-0118	54.05	56.05	QTZT	QTZT	Non-Mineralized	N-AML	420	0.15	<5	2			174	<20	0.06	<10	<10	22	<10		
E601757	K-07-0118	56.05	58.05	QTZT	QTZT	Non-Mineralized	N-AML	410	0.17	<5	3			80	<20	0.1	<10	<10	32	<10		
E601758	K-07-0118	58.05	60.05	QTZT	QTZT	Non-Mineralized	N-AML	560	0.3	7	8			139	<20	0.2	<10	<10	78	<10		
E601759	K-07-0118	60.05	62.05	QTZT	QTZT	Non-Mineralized	N-AML	670	0.33	<5	8			177	<20	0.21	<10	<10	83	<10		
E601762	K-07-0118	65.59	66.65	QTZT	QTZT	Non-Mineralized	N-AML	340	0.09	<5	2			63	<20	0.09	<10	<10	23	<10		
E601760	K-07-0118	62.05	64.05	QTZT	QTZT	Non-Mineralized	N-AML	340	0.15	<5	3			117	<20	0.11	<10	<10	31	<10		
E601763	K-07-0118	66.65	68.06	QTZT	QTZT	Non-Mineralized	N-AML	710	0.23	<5	4			141	<20	0.15	<10	<10	47	<10		
E601764	K-07-0118	68.06	69.56	QTZT	QTZT	Non-Mineralized	N-AML	220	0.1	<5	1			47	<20	0.05	<10	<10	11	<10		
E601765	K-07-0118	69.56	71.06	QTZT	QTZT	Non-Mineralized	N-AML	290	0.11	<5	1			84	<20	0.06	10	<10	13	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E601766	K-07-0118	71.06	72.56	QTZT	QTZT	Non-Mineralized	N-AML	300	0.14	<5	3			67	<20	0.1	<10	<10	28	<10		
E601768	K-07-0118	72.56	74.1	QTZT	QTZT	Non-Mineralized	N-AML	250	0.07	<5	1			14	<20	0.06	<10	<10	11	<10		
E601769	K-07-0118	74.1	74.98	QTZT	QTZT	Non-Mineralized	N-AML	260	0.15	<5	1			10	<20	0.08	<10	<10	13	<10		
E601770	K-07-0118	74.98	75.42	QTZT	QTZT	Non-Mineralized	N-AML	200	0.15	<5	2			8	<20	0.04	<10	<10	13	<10		
E601781	K-07-0118	85.63	87.63	QTZT	QTZT	Non-Mineralized	N-AML	310	0.4	<5	3			49	<20	0.09	<10	<10	38	<10		
E601782	K-07-0118	87.63	89.37	QTZT	QTZT	Non-Mineralized	N-AML	220	0.45	<5	2			18	<20	0.07	<10	<10	20	<10		
E601830	K-07-0118	153.43	155	QTZT	QTZT	Non-Mineralized	N-AML	180	0.39	7	3			23	<20	0.11	<10	<10	27	<10		
E601831	K-07-0118	155	156.65	QTZT	QTZT	Non-Mineralized	N-AML	70	0.07	<5	1			3	<20	0.06	<10	<10	5	<10		
E601832	K-07-0118	156.65	158	QTZT	QTZT	Non-Mineralized	N-AML	70	0.1	<5	1			3	<20	0.06	<10	<10	5	<10		
E601833	K-07-0118	158	159.24	QTZT	QTZT	Non-Mineralized	N-AML	110	0.15	<5	1			10	<20	0.08	<10	<10	14	<10		
E601834	K-07-0118	159.24	160.24	QTZT	QTZT	Non-Mineralized	N-AML	440	0.83	10	6			56	<20	0.2	<10	<10	69	<10		
E601835	K-07-0118	160.24	161.37	QTZT	QTZT	Non-Mineralized	N-AML	560	1.13	5	5			30	<20	0.13	<10	<10	53	<10		
E601817	K-07-0118	142.41	144.44	QTZT	QTZT	Non-Mineralized	N-AML	280	0.1	6	1			41	<20	0.07	<10	<10	12	<10		
E601808	K-07-0118	126.39	128.39	QTZT	QTZT	Non-Mineralized	N-AML	420	0.25	9	4			42	<20	0.17	<10	<10	40	<10		
E601809	K-07-0118	128.39	130.14	QTZT	QTZT	Non-Mineralized	N-AML	450	0.15	8	6			51	<20	0.19	<10	<10	56	<10		
E601810	K-07-0118	130.14	132.14	QTZT	QTZT	Non-Mineralized	N-AML	560	0.82	9	10			126	<20	0.34	<10	<10	116	<10		
E601813	K-07-0118	136.3	138.33	QTZT	QTZT	Non-Mineralized	N-AML	290	0.23	5	3			46	<20	0.13	<10	<10	31	<10		
E601815	K-07-0118	140.41	142.41	QTZT	QTZT	Non-Mineralized	N-AML	360	0.19	<5	2			52	<20	0.1	<10	<10	23	<10		
E601818	K-07-0118	144.44	146.49	QTZT	QTZT	Non-Mineralized	N-AML	280	0.11	<5	1			25	<20	0.07	<10	<10	13	<10		
E601821	K-07-0118	148.02	149.52	QTZT	QTZT	Non-Mineralized	N-AML	220	0.22	<5	1			26	<20	0.06	<10	<10	12	<10		
E601823	K-07-0118	149.52	151.18	QTZT	QTZT	Non-Mineralized	N-AML	560	0.67	<5	7			81	<20	0.19	<10	<10	67	<10		
E601814	K-07-0118	138.33	140.41	QTZT	QTZT	Non-Mineralized	N-AML	350	0.2	<5	1			29	<20	0.07	<10	<10	14	<10		
E601803	K-07-0118	118.39	120.42	QTZT	QTZT	Non-Mineralized	N-AML	680	0.35	6	10			173	<20	0.31	<10	<10	97	<10		
E601805	K-07-0118	122.39	124.57	QTZT	QTZT	Non-Mineralized	N-AML	450	0.35	8	5			95	<20	0.18	<10	<10	58	<10		
E601796	K-07-0118	106.07	108.07	QTZT	QTZT	Non-Mineralized	N-AML	320	0.19	<5	2			58	<20	0.1	<10	<10	19	<10		
E601792	K-07-0118	100.03	102.03	QTZT	QTZT	Non-Mineralized	N-AML	250	0.28	<5	1			80	<20	0.05	<10	<10	16	<10		
E601795	K-07-0118	104.07	106.07	QTZT	QTZT	Non-Mineralized	N-AML	390	0.3	<5	4			120	<20	0.14	<10	<10	36	<10		
E601797	K-07-0118	108.07	110.39	QTZT	QTZT	Non-Mineralized	N-AML	460	0.29	<5	4			53	<20	0.18	<10	<10	44	<10		
E601799	K-07-0118	110.39	112.39	QTZT	QTZT	Non-Mineralized	N-AML	360	0.27	<5	2			41	<20	0.1	<10	<10	19	<10		
E601800	K-07-0118	112.39	114.39	QTZT	QTZT	Non-Mineralized	N-AML	310	0.2	<5	3			134	<20	0.16	<10	<10	37	<10		
E601801	K-07-0118	114.39	116.39	QTZT	QTZT	Non-Mineralized	N-AML	370	0.53	<5	3			47	<20	0.12	<10	<10	29	<10		
E601802	K-07-0118	116.39	118.39	QTZT	QTZT	Non-Mineralized	N-AML	350	0.26	7	4			143	<20	0.15	<10	<10	40	<10		
E601804	K-07-0118	120.42	122.39	QTZT	QTZT	Non-Mineralized	N-AML	360	0.22	5	4			82	<20	0.17	<10	<10	46	<10		
E601793	K-07-0118	102.03	104.07	QTZT	QTZT	Non-Mineralized	N-AML	480	0.49	<5	5			97	<20	0.18	<10	<10	55	<10		
E601806	K-07-0118	124.57	126.39	QTZT	QTZT	Non-Mineralized	N-AML	420	0.22	<5	5			56	<20	0.2	<10	<10	55	<10		
E601840	K-07-0118	165.55	166.55	QTZT	QTZT	Non-Mineralized	P-AML	1290	1.43	9	16			118	<20	0.38	<10	<10	167	<10		
E601836	K-07-0118	161.37	162.55	QTZT	QTZT	Non-Mineralized	N-AML	600	1.08	5	5			39	<20	0.13	<10	<10	52	<10		
E601837	K-07-0118	162.55	163.55	QTZT	QTZT	Non-Mineralized	N-AML	550	0.54	<5	5			33	<20	0.15	<10	<10	57	<10		
E601841	K-07-0118	166.55	167.55	QTZT	QTZT	Non-Mineralized	P-AML	810	1.12	<5	9			62	<20	0.27	<10	<10	98	<10		
E601842	K-07-0118	167.55	168.55	QTZT	QTZT	Non-Mineralized	N-AML	630	0.98	8	9			53	<20	0.2	<10	<10	89	<10		
E601843	K-07-0118	168.55	169.55	QTZT	QTZT	Non-Mineralized	P-AML	730	0.7	5	12			88	<20	0.33	<10	<10	121	<10		
E601838	K-07-0118	163.55	164.55	QTZT	QTZT	Non-Mineralized	N-AML	280	0.3	<5	1			5	<20	0.04	<10	<10	11	<10		
E601871	K-07-0118	191.6	193.66	QTZT	QTZT	Non-Mineralized	N-AML	1060	0.79	8	14			190	<20	0.44	<10	<10	156	10		
E601866	K-07-0118	187.8	188.76	QTZT	QTZT	Non-Mineralized	N-AML	470	0.53	5	6			33	<20	0.22	<10	<10	91	<10		
E601869	K-07-0118	189.76	190.6	QTZT	QTZT	Non-Mineralized	N-AML	340	0.21	<5	1			17	<20	0.08	<10	<10	16	<10		
E601862	K-07-0118	183.59	184.7	QTZT	QTZT	Non-Mineralized	N-AML	160	0.08	<5	1			11	<20	0.08	<10	<10	6	<10		
E601863	K-07-0118	184.7	185.77	QTZT	QTZT	Non-Mineralized	N-AML	140	0.1	<5	1			3	<20	0.09	<10	<10	5	<10		
E601864	K-07-0118	185.77	186.73	QTZT	QTZT	Non-Mineralized	N-AML	130	0.14	<5	1			3	<20	0.08	<10	<10	5	<10		
E601865	K-07-0118	186.73	187.8	QTZT	QTZT	Non-Mineralized	N-AML	140	0.11	<5	1			4	<20	0.08	<10	<10	5	<10		
E601880	K-07-0118	205.67	207.76	QTZT	QTZT	Non-Mineralized	N-AML	350	0.51	<5	3			27	<20	0.13	<10	<10	36	<10		
E601879	K-07-0118	203.6	205.67	QTZT	QTZT	Non-Mineralized	N-AML	320	0.24	<5	1			10	<20	0.08	<10	<10	12	<10		
E601881	K-07-0118	207.76	209.75	QTZT	QTZT	Non-Mineralized	N-AML	550	0.37	<5	5			94	<20	0.16	<10	<10	51	<10		
E601882	K-07-0118	209.75	211.76	QTZT	QTZT	Non-Mineralized	N-AML	490	0.31	<5	4			88	<20	0.13	<10	<10	38	<10		
E601883	K-07-0118	211.76	213.33	QTZT	QTZT	Non-Mineralized	N-AML	320	0.22	<5	2			60	<20	0.08	<10	<10	22	<10		
E601884	K-07-0118	213.33	214.35	QTZT	QTZT	Non-Mineralized	N-AML	240	0.28	<5	1			35	<20	0.05	<10	<10	11	<10		
E601878	K-07-0118	201.6	203.6	QTZT	QTZT	Non-Mineralized	N-AML	360	0.29	<5	3			33	<20	0.15	<10	<10	37	<10		
E601886	K-07-0118	216.24	217.63	QTZT	QTZT	Mineralized	P-AML	420	0.21	<5	3			25	<20	0.11	<10	<10	29	<10		
E776761	K-07-0119	167.03	168.21	QTZT	QTZT	Non-Mineralized	N-AML	800	0.58	<5	8			110	<20	0.23	10	<10	78	<10		
E776789	K-07-0119	188.37	190.8	QTZT	QTZT	Non-Mineralized	N-AML	540	1.11	16	7			43	<20	0.2	<10	<10	69	<10		
E776791	K-07-0119	192.94	193.79	QTZT	QTZT	Non-Mineralized	N-AML	880	1.12	11	15			118	<20	0.37	<10	<10	138	<10		
E776792	K-07-0119	193.79	194.31	QTZT	QTZT	Non-Mineralized	P-AML	1250	0.74	11	15			71	<20	0.33	<10	<10	156	<10		
E776785	K-07-0119	183.88	184.9	QTZT	QTZT	Non-Mineralized	N-AML	220	0.31	6	2			13	<20	0.08	<10	<10	19	10		
E776775	K-07-0119	175.56	176.56	QTZT	QTZT	Non-Mineralized	N-AML	340	0.47	7	3			25	<20	0.11	<10	<10	32	<10		
E776762	K-07-0119	168.21	169.73	QTZT	QTZT	Non-Mineralized	N-AML	850	0.74	<5	8			109	<20	0.24	<10	<10	87	<10		
E776764	K-07-0119	169.73	170.65	QTZT	QTZT	Non-Mineralized	N-AML	240	0.13	<5	2			21	<20	0.09	10	<10	15	<10		
E776765	K-07-0119	170.65	171.24	QTZT	QTZT	Non-Mineralized	N-AML	1170	0.8	5	16			175	<20	0.4	10	<10	157	<10		
E776770	K-07-0119	172.03	172.04	QTZT	QTZT	Non-Mineralized	N-AML	250	0.47	5	2			9	<20	0.07	<10	<10	18	<10		
E776772	K-07-0119	172.8	173.89	QTZT	QTZT	Non-Mineralized	N-AML	170	0.16	<5	1			5	<20	0.06	<10	<10	9	<10		
E776787	K-07-0119	186.15	188.37	QTZT	QTZT	Non-Mineralized	N-AML	310	0.52	8	1			5	<20	0.07	<10	<10	12	<10		
E776774	K-07-0119	174.56	175.56	QTZT	QTZT	Non-Mineralized	N-AML	700	0.77	6	4			30	<20	0.14	<10	<10	43	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E776786	K-07-0119	184.9	186.15	QTZT	QTZT	Non-Mineralized	N-AML	150	0.28	<5	1			5	<20	0.06	<10	<10	6	<10		
E776776	K-07-0119	176.56	177.75	QTZT	QTZT	Non-Mineralized	N-AML	230	0.36	<5	2			15	<20	0.06	<10	<10	16	<10		
E776777	K-07-0119	177.75	178.71	QTZT	QTZT	Non-Mineralized	N-AML	180	0.19	<5	1			52	<20	0.06	<10	<10	11	<10		
E776778	K-07-0119	178.71	179.79	QTZT	QTZT	Non-Mineralized	N-AML	240	0.24	5	3			83	<20	0.09	<10	<10	22	<10		
E776780	K-07-0119	179.79	180.84	QTZT	QTZT	Non-Mineralized	N-AML	690	0.5	7	11			121	<20	0.28	<10	<10	98	<10		
E776781	K-07-0119	180.84	181.81	QTZT	QTZT	Non-Mineralized	N-AML	530	0.7	9	7			68	<20	0.21	10	<10	87	<10		
E776782	K-07-0119	181.81	182.68	QTZT	QTZT	Non-Mineralized	N-AML	250	0.31	<5	3			34	<20	0.13	<10	<10	29	<10		
E776783	K-07-0119	182.68	183.88	QTZT	QTZT	Non-Mineralized	N-AML	120	0.13	6	1			3	<20	0.06	<10	<10	5	<10		
E776769	K-07-0119	171.6	172.03	QTZT	QTZT	Non-Mineralized	N-AML	340	0.91	5	3			12	<20	0.09	<10	<10	27	<10		
E776773	K-07-0119	173.89	174.56	QTZT	QTZT	Non-Mineralized	N-AML	310	0.36	<5	2			15	<20	0.1	<10	<10	26	<10		
E776766	K-07-0119	171.24	171.25	QTZT	QTZT	Non-Mineralized	P-AML	1250	1.99	10	17			128	<20	0.44	10	<10	167	<10		
E776800	K-07-0119	200.67	202.57	QTZT	QTZT	Mineralized	P-AML	250	0.21	7	1			7	<20	0.12	<10	<10	13	<10		
E776793	K-07-0119	194.31	194.67	QTZT	QTZT	Non-Mineralized	N-AML	120	0.68	21	2			7	<20	0.03	<10	<10	23	<10		
E776795	K-07-0119	194.67	195.74	QTZT	QTZT	Non-Mineralized	N-AML	90	7.71	75	3			7	<20	0.03	<10	<10	19	<10		
E776796	K-07-0119	195.74	196.72	QTZT	QTZT	Non-Mineralized	N-AML	150	2.39	10	1			2	<20	0.06	<10	<10	6	<10		
E776797	K-07-0119	196.72	197.72	QTZT	QTZT	Non-Mineralized	N-AML	110	0.06	5	1			2	<20	0.08	<10	<10	5	<10		
E776810	K-07-0119	219.47	221.89	QTZT	QTZT	Mineralized	P-AML	360	0.03	6	6			36	<20	0.18	<10	<10	55	<10		
E776799	K-07-0119	198.67	200.67	QTZT	QTZT	Non-Mineralized	N-AML	890	0.32	<5	3			28	<20	0.15	<10	<10	37	<10		
E776801	K-07-0119	202.57	204.69	QTZT	QTZT	Mineralized	P-AML	260	0.1	5	1			4	<20	0.09	<10	<10	5	<10		
E776802	K-07-0119	204.69	206.65	QTZT	QTZT	Non-Mineralized	N-AML	310	0.28	<5	2			15	<20	0.12	<10	<10	22	<10		
E776803	K-07-0119	206.65	208.67	QTZT	QTZT	Non-Mineralized	N-AML	190	0.09	5	1			9	<20	0.09	<10	<10	11	<10		
E776805	K-07-0119	208.67	210.67	QTZT	QTZT	Non-Mineralized	N-AML	230	0.19	9	1			5	<20	0.09	<10	<10	7	<10		
E776806	K-07-0119	210.67	212.75	QTZT	QTZT	Non-Mineralized	N-AML	380	1.39	8	4			26	<20	0.16	<10	<10	42	<10		
E776807	K-07-0119	212.75	215.79	QTZT	QTZT	Non-Mineralized	N-AML	480	0.27	7	7			84	<20	0.24	<10	<10	66	<10		
E776808	K-07-0119	215.79	217.88	QTZT	QTZT	Mineralized	P-AML	310	0.08	<5	3			39	<20	0.15	<10	<10	32	<10		
E776809	K-07-0119	217.88	219.47	QTZT	QTZT	Mineralized	P-AML	290	0.08	6	4			36	<20	0.18	<10	<10	37	<10		
E776798	K-07-0119	197.72	198.67	QTZT	QTZT	Non-Mineralized	N-AML	120	0.06	<5	1			1	<20	0.08	<10	<10	5	<10		
E753621	K-07-0120	140.94	142.65	QTZT	QTZT	Non-Mineralized	N-AML	270	0.62	<5	3			27	<20	0.13	<10	<10	30	<10		
E753622	K-07-0120	142.65	144.64	QTZT	QTZT	Non-Mineralized	N-AML	460	0.34	8	4			34	<20	0.14	<10	<10	42	<10		
E753623	K-07-0120	144.64	146.65	QTZT	QTZT	Non-Mineralized	N-AML	640	0.65	<5	6			69	<20	0.21	<10	<10	68	<10		
E753625	K-07-0120	146.65	148.65	QTZT	QTZT	Non-Mineralized	N-AML	660	0.94	6	10			160	<20	0.31	<10	<10	106	<10		
E753626	K-07-0120	148.65	150.65	QTZT	QTZT	Non-Mineralized	N-AML	380	0.63	<5	5			77	<20	0.17	<10	<10	55	<10		
E753627	K-07-0120	150.65	152.65	QTZT	QTZT	Non-Mineralized	N-AML	230	0.31	6	3			53	<20	0.15	<10	<10	33	<10		
E753628	K-07-0120	152.65	154.65	QTZT	QTZT	Non-Mineralized	N-AML	160	0.24	<5	1			30	<20	0.06	<10	<10	14	<10		
E753653	K-07-0120	178.31	180.3	QTZT	QTZT	Non-Mineralized	N-AML	370	0.3	7	4			32	<20	0.13	<10	<10	31	<10		
E753647	K-07-0120	175.11	175.46	QTZT	QTZT	Non-Mineralized	N-AML	40	0.1	<5	2			1	<20	0.01	10	<10	5	<10		
E753648	K-07-0120	175.46	176	QTZT	QTZT	Non-Mineralized	N-AML	120	0.19	5	2			1	<20	0.03	10	<10	10	<10		
E753640	K-07-0120	168.86	170.08	QTZT	QTZT	Non-Mineralized	N-AML	360	0.95	6	3			10	<20	0.09	<10	<10	33	30		
E753654	K-07-0120	180.3	182.3	QTZT	QTZT	Non-Mineralized	N-AML	310	0.09	5	5			45	<20	0.19	<10	<10	45	10		
E753655	K-07-0120	182.3	185.32	QTZT	QTZT	Non-Mineralized	N-AML	420	0.32	7	5			64	<20	0.2	<10	<10	52	<10		
E753656	K-07-0120	185.32	186.4	QTZT	QTZT	Non-Mineralized	N-AML	230	0.22	<5	2			2	<20	0.11	<10	<10	18	<10		
E753630	K-07-0120	156.65	158.65	QTZT	QTZT	Non-Mineralized	N-AML	520	0.69	<5	4			43	<20	0.13	<10	<10	49	10		
E753643	K-07-0120	171.3	173.13	QTZT	QTZT	Non-Mineralized	N-AML	350	0.71	<5	3			14	<20	0.12	<10	<10	31	<10		
E753629	K-07-0120	154.65	156.65	QTZT	QTZT	Non-Mineralized	N-AML	200	0.53	<5	2			14	<20	0.09	<10	<10	21	10		
E753644	K-07-0120	173.13	174.35	QTZT	QTZT	Non-Mineralized	N-AML	610	1.63	15	8			26	<20	0.19	<10	<10	78	<10		
E753632	K-07-0120	158.65	160.65	QTZT	QTZT	Non-Mineralized	N-AML	360	0.74	15	3			61	<20	0.13	10	<10	43	10		
E753633	K-07-0120	160.65	162.65	QTZT	QTZT	Non-Mineralized	N-AML	390	0.62	5	4			33	<20	0.12	<10	<10	41	<10		
E753634	K-07-0120	162.65	164.65	QTZT	QTZT	Non-Mineralized	N-AML	470	0.42	<5	4			25	<20	0.12	<10	<10	46	<10		
E753635	K-07-0120	164.65	166.35	QTZT	QTZT	Non-Mineralized	N-AML	610	0.99	<5	6			31	<20	0.15	<10	<10	57	<10		
E753636	K-07-0120	166.35	166.8	QTZT	QTZT	Non-Mineralized	N-AML	590	0.51	5	9			36	<20	0.24	<10	<10	85	10		
E753641	K-07-0120	170.08	171.3	QTZT	QTZT	Non-Mineralized	N-AML	230	1.01	<5	2			6	<20	0.07	<10	<10	17	<10		
E753660	K-07-0120	190.78	192.8	QTZT	QTZT	Mineralized	P-AML	320	1.37	<5	6			34	<20	0.17	<10	<10	64	<10		
E753661	K-07-0120	192.8	194.8	QTZT	QTZT	Non-Mineralized	N-AML	430	0.43	<5	6			83	<20	0.23	<10	<10	78	<10		
E753663	K-07-0120	196.8	198.4	QTZT	QTZT	Non-Mineralized	N-AML	1360	0.53	18	11			135	<20	0.32	<10	<10	122	<10		
E753662	K-07-0120	194.8	196.8	QTZT	QTZT	Mineralized	P-AML	230	0.17	<5	4			29	<20	0.14	<10	<10	58	<10		
E753680	K-07-0120	224.05	226.05	QTZT	QTZT	Non-Mineralized	N-AML	60	0.38	<5	<1			15	<20	0.05	<10	<10	4	10		
E753681	K-07-0120	226.05	228.25	QTZT	QTZT	Non-Mineralized	N-AML	180	0.43	<5	3			29	<20	0.14	<10	<10	34	<10		
E753679	K-07-0120	222.05	224.05	QTZT	QTZT	Non-Mineralized	N-AML	70	0.03	<5	1			9	<20	0.07	<10	<10	5	<10		
E753678	K-07-0120	220.05	222.05	QTZT	QTZT	Non-Mineralized	N-AML	70	0.03	<5	<1			8	<20	0.07	<10	<10	3	<10		
E753669	K-07-0120	206.05	208.05	QTZT	QTZT	Non-Mineralized	N-AML	340	0.08	<5	3			21	<20	0.15	<10	<10	30	<10		
E753672	K-07-0120	210.05	212.05	QTZT	QTZT	Non-Mineralized	N-AML	50	0.005	<5	<1			12	<20	0.04	<10	<10	4	<10		
E753673	K-07-0120	212.05	214.05	QTZT	QTZT	Mineralized	P-AML	70	0.005	<5	1			11	<20	0.07	<10	<10	10	<10		
E753674	K-07-0120	214.05	216.05	QTZT	QTZT	Mineralized	P-AML	130	0.01	<5	1			12	<20	0.09	<10	<10	10	<10		
E753675	K-07-0120	216.05	218.05	QTZT	QTZT	Non-Mineralized	N-AML	90	0.01	<5	1			7	<20	0.05	<10	<10	5	<10		
E753670	K-07-0120	208.05	210.05	QTZT	QTZT	Non-Mineralized	N-AML	90	0.01	<5	1			14	<20	0.09	<10	<10	14	<10		
E753676	K-07-0120	218.05	220.05	QTZT	QTZT	Non-Mineralized	N-AML	190	0.02	<5	3			62	<20	0.14	<10	<10	35	10		
E753683	K-07-0120	229.43	231.45	QTZT	QTZT	Non-Mineralized	N-AML	190	0.03	<5	2			14	<20	0.11	<10	<10	25	20		
E753685	K-07-0120	231.45	233.45	QTZT	QTZT	Non-Mineralized	N-AML	100	0.005	<5	<1			3	<20	0.05	<10	<10	5	<10		
E753686	K-07-0120	233.45	235.45	QTZT	QTZT	Non-Mineralized	N-AML	70	0.01	<5	<1			2	<20	0.05	<10	<10	4	<10		
E753687	K-07-0120	235.45	237	QTZT	QTZT	Non-Mineralized	N-AML	120	0.03	<5	<1			4	<20	0.05	<10	<10	6	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E753689	K-07-0120	239	241	QTZT	QTZT	Non-Mineralized	N-AML	340	0.54	5	6			78	<20	0.17	<10	<10	82	<10		
E753688	K-07-0120	237	239	QTZT	QTZT	Non-Mineralized	N-AML	260	0.25	<5	2			29	<20	0.11	<10	<10	30	<10		
E753694	K-07-0120	247	249	QTZT	QTZT	Mineralized	P-AML	100	0.14	<5	1			15	<20	0.08	<10	<10	12	<10		
E753690	K-07-0120	241	243	QTZT	QTZT	Non-Mineralized	N-AML	280	0.27	<5	1			8	<20	0.06	<10	<10	13	<10		
E753692	K-07-0120	243	245	QTZT	QTZT	Non-Mineralized	N-AML	50	0.04	10	<1			3	<20	0.05	<10	<10	4	<10		
E753693	K-07-0120	245	247	QTZT	QTZT	Non-Mineralized	N-AML	40	0.03	<5	<1			2	<20	0.05	<10	<10	3	<10		
E753695	K-07-0120	249	251	QTZT	QTZT	Mineralized	P-AML	50	0.04	<5	<1			5	<20	0.06	<10	<10	4	<10		
E753696	K-07-0120	251	251.75	QTZT	QTZT	Mineralized	P-AML	40	0.05	<5	<1			4	<20	0.06	<10	<10	4	<10		
E776826	K-07-0121	26.11	28.54	QTZT	QTZT	Non-Mineralized	N-AML	700	0.07	6	9			116	<20	0.3	<10	<10	87	10		
E776827	K-07-0121	28.54	29.59	QTZT	QTZT	Non-Mineralized	N-AML	310	0.04	<5	2			53	<20	0.07	<10	<10	20	<10		
E776834	K-07-0121	38.09	40.13	QTZT	QTZT	Non-Mineralized	N-AML	410	0.08	<5	4			79	<20	0.13	<10	<10	36	<10		
E776829	K-07-0121	30.1	32.1	QTZT	QTZT	Non-Mineralized	N-AML	670	0.06	<5	14			272	<20	0.4	<10	<10	131	<10		
E776840	K-07-0121	48.11	50.09	QTZT	QTZT	Non-Mineralized	N-AML	460	0.09	<5	4			57	<20	0.14	<10	<10	36	<10		
E776830	K-07-0121	32.1	34.1	QTZT	QTZT	Non-Mineralized	N-AML	110	0.05	<5	1			22	<20	0.07	<10	<10	14	<10		
E776837	K-07-0121	44.13	46.09	QTZT	QTZT	Non-Mineralized	N-AML	430	0.07	<5	2			27	<20	0.09	<10	<10	22	<10		
E776833	K-07-0121	36.09	38.09	QTZT	QTZT	Non-Mineralized	N-AML	490	0.1	<5	4			103	<20	0.14	<10	<10	42	<10		
E776835	K-07-0121	40.13	42.12	QTZT	QTZT	Non-Mineralized	N-AML	530	0.08	<5	7			117	<20	0.24	<10	<10	68	20		
E776836	K-07-0121	42.12	44.13	QTZT	QTZT	Non-Mineralized	N-AML	510	0.03	5	6			62	<20	0.18	<10	<10	53	<10		
E776839	K-07-0121	46.09	48.11	QTZT	QTZT	Non-Mineralized	N-AML	350	0.08	<5	2			41	<20	0.08	<10	<10	18	<10		
E776831	K-07-0121	34.1	36.09	QTZT	QTZT	Non-Mineralized	N-AML	390	0.07	<5	5			121	<20	0.18	<10	<10	50	<10		
E776841	K-07-0121	50.09	52.1	QTZT	QTZT	Non-Mineralized	N-AML	410	0.06	<5	5			68	<20	0.17	<10	<10	48	<10		
E776843	K-07-0121	52.1	54.2	QTZT	QTZT	Non-Mineralized	N-AML	470	0.11	10	6			92	<20	0.19	<10	<10	49	<10		
E776853	K-07-0121	70.07	71.89	QTZT	QTZT	Non-Mineralized	N-AML	310	0.21	<5	1			56	<20	0.08	<10	<10	12	<10		
E776852	K-07-0121	68.1	70.07	QTZT	QTZT	Non-Mineralized	N-AML	310	0.15	<5	3			48	<20	0.12	<10	<10	25	<10		
E776851	K-07-0121	66.24	68.1	QTZT	QTZT	Non-Mineralized	N-AML	290	0.18	<5	1			23	<20	0.08	<10	<10	13	<10		
E776849	K-07-0121	64.24	66.24	QTZT	QTZT	Non-Mineralized	N-AML	290	0.22	<5	2			44	<20	0.09	<10	<10	18	<10		
E776856	K-07-0121	73.89	76.02	QTZT	QTZT	Non-Mineralized	N-AML	450	0.32	<5	6			121	<20	0.19	<10	<10	53	<10		
E776855	K-07-0121	71.89	73.89	QTZT	QTZT	Non-Mineralized	N-AML	600	0.21	<5	9			148	<20	0.27	<10	<10	75	<10		
E776858	K-07-0121	78.03	79.5	QTZT	QTZT	Non-Mineralized	N-AML	250	0.12	<5	2			30	<20	0.12	<10	<10	20	<10		
E776859	K-07-0121	79.5	81.1	QTZT	QTZT	Non-Mineralized	N-AML	150	0.09	<5	2			21	<20	0.11	<10	<10	17	<10		
E776857	K-07-0121	76.02	78.03	QTZT	QTZT	Non-Mineralized	N-AML	420	0.15	<5	3			117	<20	0.14	<10	<10	33	<10		
E776873	K-07-0121	98.3	98.83	QTZT	QTZT	Mineralized	P-AML	490	0.06	<5	28			353	<20	0.49	<10	<10	241	<10		
E776872	K-07-0121	97.13	98.3	QTZT	QTZT	Non-Mineralized	N-AML	560	0.23	5	5			208	<20	0.15	<10	<10	47	<10		
E776874	K-07-0121	98.83	100.83	QTZT	QTZT	Non-Mineralized	N-AML	570	0.32	<5	5			221	<20	0.17	<10	<10	53	<10		
E776876	K-07-0121	100.83	102.82	QTZT	QTZT	Non-Mineralized	N-AML	860	0.47	12	7			151	<20	0.21	<10	<10	61	<10		
E776879	K-07-0121	106.36	108.02	QTZT	QTZT	Non-Mineralized	N-AML	470	0.07	<5	3			165	<20	0.08	<10	<10	29	<10		
E776877	K-07-0121	102.82	104.82	QTZT	QTZT	Mineralized	P-AML	300	0.16	<5	3			51	<20	0.12	<10	<10	26	<10		
E776878	K-07-0121	104.82	106.36	QTZT	QTZT	Non-Mineralized	N-AML	680	0.57	6	6			148	<20	0.2	<10	<10	60	<10		
E776884	K-07-0121	116.81	118.81	QTZT	QTZT	Non-Mineralized	N-AML	360	0.39	<5	3			95	<20	0.11	<10	<10	30	10		
E776885	K-07-0121	118.81	120.79	QTZT	QTZT	Non-Mineralized	N-AML	520	0.96	<5	4			188	<20	0.11	<10	10	39	10		
E776883	K-07-0121	114.81	116.81	QTZT	QTZT	Non-Mineralized	N-AML	240	0.15	<5	1			31	<20	0.06	10	<10	15	<10		
E776887	K-07-0121	120.79	121.64	QTZT	QTZT	Non-Mineralized	N-AML	780	0.98	<5	6			119	<20	0.19	10	<10	70	10		
E776918	K-07-0121	148.28	149.1	QTZT	QTZT	Non-Mineralized	N-AML	70	0.3	<5	1			2	<20	0.06	<10	<10	3	<10		
E776899	K-07-0121	135.15	136.1	QTZT	QTZT	Non-Mineralized	N-AML	420	0.55	<5	3			8	<20	0.12	10	<10	35	<10		
E776898	K-07-0121	134.17	135.15	QTZT	QTZT	Non-Mineralized	N-AML	280	0.26	<5	1			5	<20	0.06	<10	<10	11	<10		
E776897	K-07-0121	133.18	134.17	QTZT	QTZT	Non-Mineralized	N-AML	300	0.49	<5	3			5	<20	0.14	<10	<10	39	<10		
E776896	K-07-0121	132.14	133.18	QTZT	QTZT	Mineralized	P-AML	200	0.18	5	2			5	<20	0.08	10	<10	20	<10		
E776895	K-07-0121	130.14	132.14	QTZT	QTZT	Non-Mineralized	N-AML	370	0.06	<5	3			33	<20	0.14	<10	<10	34	<10		
E776924	K-07-0121	151.5	152.09	QTZT	QTZT	Non-Mineralized	N-AML	190	0.43	<5	1			5	<20	0.07	<10	<10	12	<10		
E776903	K-07-0121	138.51	139.5	QTZT	QTZT	Non-Mineralized	N-AML	410	0.6	<5	4			30	<20	0.11	<10	<10	33	<10		
E776905	K-07-0121	140.5	141.5	QTZT	QTZT	Non-Mineralized	N-AML	290	0.37	<5	2			11	<20	0.08	<10	<10	16	<10		
E776925	K-07-0121	152.09	153.08	QTZT	QTZT	Non-Mineralized	N-AML	170	0.19	<5	2			16	<20	0.1	<10	<10	25	<10		
E776931	K-07-0121	159.06	160.49	QTZT	QTZT	Non-Mineralized	N-AML	360	1.39	9	9			182	<20	0.29	<10	<10	108	<10		
E776930	K-07-0121	157.08	159.06	QTZT	QTZT	Non-Mineralized	N-AML	270	0.38	<5	4			73	<20	0.16	<10	<10	36	<10		
E776929	K-07-0121	155.1	157.08	QTZT	QTZT	Non-Mineralized	P-AML	570	1.07	<5	8			132	<20	0.25	<10	<10	81	<10		
E776928	K-07-0121	154.08	155.1	QTZT	QTZT	Non-Mineralized	N-AML	430	0.52	6	5			60	<20	0.16	<10	<10	47	<10		
E776926	K-07-0121	153.08	154.08	QTZT	QTZT	Non-Mineralized	P-AML	790	0.5	20	10			82	<20	0.3	<10	<10	98	<10		
E776939	K-07-0121	172.52	174.2	QTZT	QTZT	Non-Mineralized	N-AML	440	0.35	<5	3			45	<20	0.12	<10	<10	38	<10		
E776938	K-07-0121	170.47	172.52	QTZT	QTZT	Non-Mineralized	N-AML	340	0.22	<5	2			25	<20	0.09	<10	<10	20	<10		
E776937	K-07-0121	168.42	170.47	QTZT	QTZT	Non-Mineralized	N-AML	400	0.34	<5	1			6	<20	0.07	<10	<10	11	<10		
E776936	K-07-0121	166.42	168.42	QTZT	QTZT	Non-Mineralized	N-AML	190	0.15	<5	2			44	<20	0.09	<10	<10	20	<10		
E776934	K-07-0121	162.5	164.46	QTZT	QTZT	Non-Mineralized	N-AML	110	0.08	<5	1			3	<20	0.07	<10	<10	5	<10		
E776933	K-07-0121	160.49	162.5	QTZT	QTZT	Non-Mineralized	N-AML	170	0.16	<5	1			53	<20	0.06	<10	<10	9	<10		
E776945	K-07-0121	181.93	182.73	QTZT	QTZT	Non-Mineralized	P-AML	530	0.34	<5	7			36	<20	0.25	<10	<10	75	<10		
E776944	K-07-0121	179.69	181.93	QTZT	QTZT	Non-Mineralized	N-AML	230	0.14	<5	1			16	<20	0.1	<10	<10	13	<10		
E776942	K-07-0121	177.69	179.69	QTZT	QTZT	Non-Mineralized	N-AML	210	0.19	<5	1			12	<20	0.08	<10	<10	16	<10		
E776959	K-07-0121	201.85	203.92	QTZT	QTZT	Non-Mineralized	N-AML	200	0.28	<5	1			12	<20	0.05	<10	<10	9	<10		
E776960	K-07-0121	203.92	205.83	QTZT	QTZT	Non-Mineralized	N-AML	170	0.17	<5	1			16	<20	0.08	<10	<10	13	<10		
E776958	K-07-0121	199.85	201.85	QTZT	QTZT	Non-Mineralized	N-AML	320	0.34	<5	3			29	<20	0.11	<10	<10	27	<10		
E776964	K-07-0121	211	212.13	QTZT	QTZT	Non-Mineralized	N-AML	1880	1.37	8	14			219	<20	0.41	<10	<10	146	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E776963	K-07-0121	209.86	211	QTZT	QTZT	Non-Mineralized	N-AML	410	0.5	<5	4			71	<20	0.13	<10	<10	41	<10		
E776961	K-07-0121	205.83	207.85	QTZT	QTZT	Non-Mineralized	N-AML	180	0.11	<5	2			10	<20	0.08	<10	<10	13	<10		
E776962	K-07-0121	207.85	209.86	QTZT	QTZT	Non-Mineralized	N-AML	320	0.33	<5	3			35	<20	0.11	<10	<10	30	<10		
E776956	K-07-0121	197.85	199.85	QTZT	QTZT	Non-Mineralized	N-AML	490	0.39	<5	3			22	<20	0.13	<10	<10	34	<10		
E776955	K-07-0121	195.85	197.85	QTZT	QTZT	Non-Mineralized	N-AML	760	0.66	<5	5			46	<20	0.17	<10	<10	53	<10		
E776954	K-07-0121	193.85	195.85	QTZT	QTZT	Non-Mineralized	N-AML	470	0.5	<5	3			31	<20	0.14	<10	<10	37	<10		
E776953	K-07-0121	191.88	193.85	QTZT	QTZT	Non-Mineralized	N-AML	310	0.45	<5	1			18	<20	0.05	<10	<10	10	<10		
E776952	K-07-0121	189.9	191.88	QTZT	QTZT	Non-Mineralized	N-AML	520	1.12	<5	6			109	<20	0.24	<10	<10	77	<10		
E776951	K-07-0121	187.9	189.9	QTZT	QTZT	Non-Mineralized	N-AML	440	0.17	5	4			77	<20	0.2	<10	<10	48	<10		
E776949	K-07-0121	185.91	187.9	QTZT	QTZT	Non-Mineralized	N-AML	380	0.26	<5	4			57	<20	0.17	<10	<10	46	<10		
E602141	K-07-0122	23.81	25.81	QTZT	QTZT	Non-Mineralized	N-AML	750	0.06	<5	11			119	<20	0.35	<10	<10	98	<10		
E602144	K-07-0122	27.7	29.78	QTZT	QTZT	Non-Mineralized	N-AML	590	0.07	5	23			343	<20	0.6	<10	<10	202	<10		
E602142	K-07-0122	25.81	27.7	QTZT	QTZT	Non-Mineralized	N-AML	450	0.05	<5	7			88	<20	0.25	<10	<10	78	<10		
E602152	K-07-0122	41.2	42.23	QTZT	QTZT	Non-Mineralized	N-AML	230	0.05	<5	1			21	<20	0.05	<10	<10	9	<10		
E602153	K-07-0122	42.23	43.16	QTZT	QTZT	Non-Mineralized	N-AML	210	0.01	<5	1			6	<20	0.07	<10	<10	8	<10		
E602155	K-07-0122	45.18	47.07	QTZT	QTZT	Non-Mineralized	N-AML	460	0.04	5	6			71	<20	0.21	<10	<10	58	<10		
E602156	K-07-0122	47.07	49.05	QTZT	QTZT	Non-Mineralized	N-AML	200	0.03	<5	1			11	<20	0.07	<10	<10	10	<10		
E602158	K-07-0122	49.05	50.64	QTZT	QTZT	Non-Mineralized	N-AML	190	0.07	6	2			18	<20	0.1	<10	<10	16	20		
E602149	K-07-0122	34.95	36.68	QTZT	QTZT	Non-Mineralized	N-AML	430	0.06	<5	4			95	<20	0.14	<10	<10	39	<10		
E602151	K-07-0122	38.43	41.2	QTZT	QTZT	Non-Mineralized	N-AML	590	0.03	<5	9			123	<20	0.23	<10	<10	80	<10		
E602150	K-07-0122	36.68	38.43	QTZT	QTZT	Non-Mineralized	N-AML	490	0.06	6	5			166	<20	0.17	<10	<10	50	<10		
E602154	K-07-0122	43.16	45.18	QTZT	QTZT	Non-Mineralized	N-AML	280	0.05	5	2			34	<20	0.04	<10	<10	15	<10		
E602146	K-07-0122	30.88	32.96	QTZT	QTZT	Non-Mineralized	N-AML	400	0.04	<5	5			96	<20	0.17	<10	<10	47	<10		
E602147	K-07-0122	32.96	34.95	QTZT	QTZT	Non-Mineralized	N-AML	900	0.08	5	11			210	<20	0.32	<10	<10	108	<10		
E602145	K-07-0122	29.78	30.88	QTZT	QTZT	Non-Mineralized	N-AML	350	0.01	<5	4			87	<20	0.16	<10	<10	40	<10		
E602174	K-07-0122	71.8	73.45	QTZT	QTZT	Non-Mineralized	N-AML	520	0.15	9	7			230	<20	0.23	10	<10	71	<10		
E602170	K-07-0122	64.69	66.65	QTZT	QTZT	Non-Mineralized	N-AML	320	0.25	<5	1			50	<20	0.06	<10	<10	13	<10		
E602171	K-07-0122	66.65	68.64	QTZT	QTZT	Non-Mineralized	N-AML	260	0.15	6	3			63	<20	0.13	<10	<10	33	<10		
E602172	K-07-0122	68.64	69.82	QTZT	QTZT	Non-Mineralized	N-AML	200	0.1	<5	3			41	<20	0.13	<10	<10	29	<10		
E602173	K-07-0122	69.82	71.8	QTZT	QTZT	Non-Mineralized	N-AML	350	0.19	<5	5			152	<20	0.16	<10	<10	46	<10		
E602175	K-07-0122	73.45	75.54	QTZT	QTZT	Non-Mineralized	N-AML	410	0.19	5	4			164	<20	0.13	<10	<10	38	<10		
E602177	K-07-0122	75.54	77.04	QTZT	QTZT	Non-Mineralized	N-AML	300	0.28	<5	2			55	<20	0.1	<10	<10	22	<10		
E602178	K-07-0122	77.04	79.05	QTZT	QTZT	Non-Mineralized	N-AML	160	0.11	<5	2			33	<20	0.1	<10	<10	20	<10		
E602185	K-07-0122	88.38	90.5	QTZT	QTZT	Non-Mineralized	N-AML	400	0.06	<5	3			130	<20	0.11	<10	<10	31	<10		
E602186	K-07-0122	90.5	92.55	QTZT	QTZT	Non-Mineralized	N-AML	410	0.14	<5	4			126	<20	0.15	<10	<10	39	<10		
E602187	K-07-0122	92.55	94.64	QTZT	QTZT	Non-Mineralized	N-AML	750	0.61	<5	10			143	<20	0.27	<10	<10	91	<10		
E602192	K-07-0122	100.6	102.56	QTZT	QTZT	Non-Mineralized	N-AML	990	0.51	<5	13			225	<20	0.32	<10	<10	117	<10		
E602191	K-07-0122	98.7	100.6	QTZT	QTZT	Non-Mineralized	N-AML	480	0.23	<5	4			198	<20	0.13	<10	<10	44	<10		
E602190	K-07-0122	96.6	98.7	QTZT	QTZT	Non-Mineralized	N-AML	470	0.24	5	10			202	<20	0.25	<10	<10	94	<10		
E602188	K-07-0122	94.64	96.6	QTZT	QTZT	Non-Mineralized	N-AML	620	0.72	<5	9			141	<20	0.26	<10	<10	83	<10		
E602197	K-07-0122	110.96	112.63	QTZT	QTZT	Non-Mineralized	N-AML	430	0.66	<5	4			96	<20	0.13	<10	<10	42	<10		
E602196	K-07-0122	108.93	110.96	QTZT	QTZT	Non-Mineralized	N-AML	670	1.28	<5	6			167	<20	0.19	<10	<10	58	<10		
E602195	K-07-0122	106.78	108.93	QTZT	QTZT	Non-Mineralized	N-AML	630	0.28	<5	8			160	<20	0.21	<10	<10	69	<10		
E602203	K-07-0122	118.06	120.1	QTZT	QTZT	Non-Mineralized	N-AML	410	0.13	<5	5			92	<20	0.17	<10	<10	47	<10		
E602204	K-07-0122	120.1	122.11	QTZT	QTZT	Mineralized	P-AML	190	0.22	<5	1			39	<20	0.07	<10	<10	14	<10		
E602205	K-07-0122	122.11	124.07	QTZT	QTZT	Non-Mineralized	N-AML	390	1.15	9	10			45	<20	0.25	<10	<10	113	<10		
E602206	K-07-0122	124.07	125.15	QTZT	QTZT	Mineralized	P-AML	460	0.6	<5	7			35	<20	0.19	<10	<10	69	<10		
E602247	K-07-0122	167.8	169.41	QTZT	QTZT	Non-Mineralized	N-AML	350	0.26	<5	5			25	<20	0.21	<10	<10	52	<10		
E602246	K-07-0122	166.71	167.8	QTZT	QTZT	Non-Mineralized	N-AML	340	0.5	<5	2			11	<20	0.12	<10	<10	27	<10		
E602245	K-07-0122	165.71	166.71	QTZT	QTZT	Non-Mineralized	N-AML	500	1.27	<5	4			31	<20	0.17	<10	<10	52	<10		
E602229	K-07-0122	154.53	156.93	QTZT	QTZT	Non-Mineralized	N-AML	370	2.55	7	7			29	<20	0.11	<10	<10	52	<10		
E602248	K-07-0122	169.41	170.32	QTZT	QTZT	Non-Mineralized	N-AML	440	0.27	<5	6			36	<20	0.19	<10	<10	58	<10		
E602250	K-07-0122	172.32	174.31	QTZT	QTZT	Non-Mineralized	N-AML	330	0.46	<5	3			37	<20	0.15	<10	<10	46	<10		
E602254	K-07-0122	177.15	179.22	QTZT	QTZT	Non-Mineralized	N-AML	310	0.97	<5	3			22	<20	0.12	10	<10	30	<10		
E602266	K-07-0122	198.04	200.2	QTZT	QTZT	Non-Mineralized	N-AML	510	0.5	<5	6			97	<20	0.21	<10	<10	63	<10		
E602264	K-07-0122	196.06	198.04	QTZT	QTZT	Non-Mineralized	N-AML	490	0.26	<5	3			83	<20	0.11	<10	<10	32	<10		
E602263	K-07-0122	194.26	196.06	QTZT	QTZT	Non-Mineralized	N-AML	540	2.79	<5	6			85	<20	0.19	<10	<10	71	<10		
E602262	K-07-0122	192.63	194.26	QTZT	QTZT	Non-Mineralized	N-AML	390	0.36	<5	4			65	<20	0.14	<10	<10	39	<10		
E602261	K-07-0122	190.55	192.63	QTZT	QTZT	Non-Mineralized	N-AML	210	0.11	<5	1			21	<20	0.05	10	<10	8	<10		
E602260	K-07-0122	188.58	190.55	QTZT	QTZT	Non-Mineralized	N-AML	210	0.12	<5	2			39	<20	0.07	<10	10	16	<10		
E602259	K-07-0122	186.46	188.58	QTZT	QTZT	Non-Mineralized	N-AML	840	0.57	<5	9			113	<20	0.3	10	<10	99	<10		
E602258	K-07-0122	184.43	186.46	QTZT	QTZT	Non-Mineralized	N-AML	560	0.41	5	6			66	<20	0.2	10	<10	65	<10		
E602257	K-07-0122	182.7	184.43	QTZT	QTZT	Non-Mineralized	N-AML	400	0.36	6	1			7	<20	0.08	10	<10	13	<10		
E602255	K-07-0122	179.22	180.77	QTZT	QTZT	Non-Mineralized	N-AML	290	0.14	<5	1			31	<20	0.06	<10	<10	14	<10		
E602252	K-07-0122	176.17	177.15	QTZT	QTZT	Non-Mineralized	N-AML	430	1.13	<5	3			31	<20	0.14	<10	<10	36	<10		
E602251	K-07-0122	174.31	176.17	QTZT	QTZT	Non-Mineralized	N-AML	270	0.19	<5	2			17	<20	0.12	<10	<10	20	<10		
E602267	K-07-0122	200.2	202.21	QTZT	QTZT	Non-Mineralized	N-AML	380	0.35	<5	3			37	<20	0.14	<10	<10	35	<10		
E602256	K-07-0122	180.77	182.7	QTZT	QTZT	Non-Mineralized	N-AML	680	0.45	7	7			49	<20	0.24	10	<10	74	<10		
E776966	K-07-0123	146.75	148.8	QTZT	QTZT	Non-Mineralized	P-AML	360	0.4	5	14			50	<20	0.26	<10	<10	111	<10		
E776974	K-07-0123	157.24	157.89	QTZT	QTZT	Non-Mineralized	P-AML	780	1.09	10	12			60	<20	0.27	<10	<10	106	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E776978	K-07-0123	159.66	160.68	QTZT	QTZT	Non-Mineralized	N-AML	390	2.27	11	6			28	<20	0.14	<10	<10	56	<10		
E776975	K-07-0123	157.89	158.66	QTZT	QTZT	Non-Mineralized	N-AML	270	2.35	64	4			12	<20	0.07	<10	<10	31	<10		
E776979	K-07-0123	160.68	161.94	QTZT	QTZT	Non-Mineralized	N-AML	360	4.72	11	4			22	<20	0.09	<10	<10	38	<10		
E776972	K-07-0123	155.21	156.24	QTZT	QTZT	Non-Mineralized	N-AML	370	0.95	8	5			19	<20	0.08	<10	<10	34	<10		
E776981	K-07-0123	163.7	164.69	QTZT	QTZT	Non-Mineralized	N-AML	160	0.21	<5	1			51	<20	0.06	10	<10	11	<10		
E776982	K-07-0123	164.69	165.7	QTZT	QTZT	Non-Mineralized	N-AML	90	0.05	<5	1			12	<20	0.04	<10	<10	4	<10		
E776983	K-07-0123	165.7	166.71	QTZT	QTZT	Non-Mineralized	N-AML	90	0.05	<5	1			4	<20	0.06	<10	<10	4	<10		
E776992	K-07-0123	178.7	179.38	QTZT	QTZT	Non-Mineralized	N-AML	750	0.39	6	7			147	<20	0.21	<10	<10	76	<10		
E776986	K-07-0123	168.7	170.7	QTZT	QTZT	Non-Mineralized	N-AML	380	0.41	5	4			56	<20	0.14	<10	<10	44	<10		
E776989	K-07-0123	174.8	176.7	QTZT	QTZT	Non-Mineralized	N-AML	720	0.24	6	2			57	<20	0.06	<10	<10	21	<10		
E776988	K-07-0123	172.75	174.8	QTZT	QTZT	Non-Mineralized	N-AML	220	0.23	<5	1			17	<20	0.07	<10	<10	16	<10		
E776987	K-07-0123	170.7	172.75	QTZT	QTZT	Non-Mineralized	N-AML	270	0.22	<5	2			30	<20	0.12	<10	<10	21	<10		
E776991	K-07-0123	176.7	178.7	QTZT	QTZT	Non-Mineralized	N-AML	460	0.28	11	3			33	<20	0.1	<10	<10	30	<10		
E776985	K-07-0123	166.71	168.7	QTZT	QTZT	Non-Mineralized	N-AML	110	0.05	<5	1			6	<20	0.05	<10	<10	6	<10		
E776996	K-07-0123	186.2	188.5	QTZT	QTZT	Non-Mineralized	N-AML	430	0.21	7	6			40	<20	0.18	<10	<10	54	<10		
E776995	K-07-0123	183.76	186.2	QTZT	QTZT	Non-Mineralized	N-AML	330	0.2	<5	3			29	<20	0.12	<10	<10	29	<10		
E776994	K-07-0123	181.38	183.76	QTZT	QTZT	Non-Mineralized	N-AML	700	0.42	6	2			26	<20	0.1	<10	<10	22	<10		
E776999	K-07-0123	189.35	191.75	QTZT	QTZT	Non-Mineralized	N-AML	270	0.6	<5	4			42	<20	0.13	<10	<10	44	<10		
E777000	K-07-0123	191.75	194.16	QTZT	QTZT	Non-Mineralized	N-AML	170	0.09	<5	2			17	<20	0.1	<10	<10	17	<10		
E602283	K-07-0124	170.08	173.13	QTZT	QTZT	Non-Mineralized	N-AML	510	1.75	12	8			76	<20	0.23	<10	<10	84	<10		
E602285	K-07-0124	173.13	176.17	QTZT	QTZT	Non-Mineralized	N-AML	750	1.47	10	8			88	<20	0.2	10	<10	85	<10		
E602286	K-07-0124	176.17	179.22	QTZT	QTZT	Non-Mineralized	N-AML	370	1.16	14	5			36	<20	0.13	<10	<10	48	<10		
E602282	K-07-0124	167.15	170.08	QTZT	QTZT	Non-Mineralized	N-AML	270	0.48	<5	2			15	<20	0.08	<10	<10	18	<10		
E602281	K-07-0124	165.15	167.15	QTZT	QTZT	Non-Mineralized	N-AML	490	0.35	<5	4			58	<20	0.14	<10	<10	47	<10		
E602280	K-07-0124	163.15	165.15	QTZT	QTZT	Non-Mineralized	N-AML	440	0.42	<5	5			101	<20	0.18	<10	<10	56	<10		
E602279	K-07-0124	161.15	163.15	QTZT	QTZT	Non-Mineralized	N-AML	460	0.2	<5	2			38	<20	0.11	<10	<10	22	<10		
E602278	K-07-0124	159.15	161.15	QTZT	QTZT	Non-Mineralized	N-AML	680	0.59	<5	8			191	<20	0.27	<10	<10	80	<10		
E602277	K-07-0124	157.15	159.15	QTZT	QTZT	Non-Mineralized	N-AML	440	0.29	<5	3			40	<20	0.14	<10	<10	37	<10		
E602275	K-07-0124	153.15	155.15	QTZT	QTZT	Non-Mineralized	N-AML	540	0.41	<5	4			122	<20	0.12	<10	<10	36	<10		
E602276	K-07-0124	155.15	157.15	QTZT	QTZT	Non-Mineralized	N-AML	600	0.31	<5	4			95	<20	0.16	<10	<10	44	<10		
E602307	K-07-0124	206.15	208.15	QTZT	QTZT	Non-Mineralized	N-AML	600	0.57	5	8			104	<20	0.23	<10	<10	85	<10		
E602308	K-07-0124	208.15	209.7	QTZT	QTZT	Non-Mineralized	N-AML	880	0.7	<5	10			195	<20	0.32	<10	<10	111	<10		
E602306	K-07-0124	204.15	206.15	QTZT	QTZT	Non-Mineralized	N-AML	480	0.53	6	8			81	<20	0.25	10	<10	90	10		
E602305	K-07-0124	202.15	204.15	QTZT	QTZT	Non-Mineralized	N-AML	390	0.39	<5	2			36	<20	0.11	<10	<10	28	<10		
E602303	K-07-0124	200.15	202.15	QTZT	QTZT	Non-Mineralized	N-AML	370	0.25	<5	2			12	<20	0.11	<10	<10	20	<10		
E602302	K-07-0124	198.15	200.15	QTZT	QTZT	Non-Mineralized	N-AML	180	0.24	<5	1			6	<20	0.09	<10	<10	11	<10		
E602301	K-07-0124	196.15	198.15	QTZT	QTZT	Non-Mineralized	N-AML	140	0.85	6	1			3	<20	0.07	<10	<10	5	<10		
E602299	K-07-0124	192.15	194.15	QTZT	QTZT	Non-Mineralized	N-AML	880	0.56	8	9			147	<20	0.3	<10	10	99	<10		
E602298	K-07-0124	190.15	192.15	QTZT	QTZT	Non-Mineralized	N-AML	1080	0.65	13	10			89	<20	0.29	<10	<10	117	<10		
E602295	K-07-0124	187.15	188.15	QTZT	QTZT	Non-Mineralized	N-AML	440	0.8	<5	4			23	<20	0.16	<10	<10	41	<10		
E602296	K-07-0124	188.15	190.15	QTZT	QTZT	Non-Mineralized	N-AML	230	0.32	<5	2			12	<20	0.09	<10	<10	25	<10		
E602300	K-07-0124	194.15	196.15	QTZT	QTZT	Non-Mineralized	N-AML	170	0.29	<5	1			7	<20	0.08	<10	<10	11	<10		
E602313	K-07-0125	13.88	14.66	QTZT	QTZT	Non-Mineralized	N-AML	240	0.05	<5	1			45	<20	0.06	<10	<10	12	<10		
E602312	K-07-0125	11.58	13.88	QTZT	QTZT	Non-Mineralized	N-AML	370	0.1	<5	1			100	<20	0.04	<10	<10	10	<10		
E602310	K-07-0125	9.4	11.58	QTZT	QTZT	Non-Mineralized	N-AML	230	0.03	<5	1			12	<20	0.06	<10	<10	11	<10		
E602309	K-07-0125	8.53	9.4	QTZT	QTZT	Non-Mineralized	N-AML	190	0.02	<5	1			10	<20	0.05	<10	<10	10	<10		
E602369	K-07-0125	111.09	112.88	QTZT	QTZT	Non-Mineralized	N-AML	570	0.14	<5	4			13	<20	0.13	<10	<10	43	<10		
E602368	K-07-0125	109.12	111.09	QTZT	QTZT	Non-Mineralized	N-AML	360	0.05	<5	2			16	<20	0.09	<10	<10	21	10		
E602367	K-07-0125	106.53	109.12	QTZT	QTZT	Non-Mineralized	N-AML	790	0.73	8	7			60	<20	0.2	<10	<10	76	<10		
E602360	K-07-0125	96.43	99.37	QTZT	QTZT	Non-Mineralized	N-AML	360	0.45	15	2			5	<20	0.07	<10	<10	20	<10		
E602362	K-07-0125	99.97	100.47	QTZT	QTZT	Non-Mineralized	N-AML	290	0.1	25	4			19	<20	0.12	<10	<10	36	<10		
E602357	K-07-0125	93.88	95.18	QTZT	QTZT	Non-Mineralized	N-AML	440	0.17	16	4			21	<20	0.15	<10	<10	45	<10		
E602355	K-07-0125	90.83	91.49	QTZT	QTZT	Non-Mineralized	N-AML	820	0.01	<5	15			378	<20	0.37	<10	10	112	<10		
E602354	K-07-0125	87.78	90.83	QTZT	QTZT	Non-Mineralized	N-AML	310	0.33	48	3			14	<20	0.13	<10	<10	38	<10		
E602363	K-07-0125	100.47	103.02	QTZT	QTZT	Non-Mineralized	N-AML	360	0.05	6	4			17	<20	0.12	<10	<10	41	<10		
E602356	K-07-0125	91.49	93.88	QTZT	QTZT	Non-Mineralized	N-AML	540	0.44	25	5			26	<20	0.17	<10	<10	56	<10		
E602353	K-07-0125	85.31	87.78	QTZT	QTZT	Non-Mineralized	N-AML	180	0.91	224	1			6	<20	0.05	<10	<10	14	<10		
E602359	K-07-0125	95.18	96.43	QTZT	QTZT	Non-Mineralized	N-AML	500	0.06	7	7			44	<20	0.17	<10	<10	67	<10		
E602325	K-07-0125	32.92	35	QTZT	QTZT	Non-Mineralized	N-AML	270	0.05	<5	1			17	<20	0.07	<10	<10	13	<10		
E602323	K-07-0125	30.85	32.92	QTZT	QTZT	Non-Mineralized	N-AML	150	0.02	<5	1			8	<20	0.04	<10	<10	6	<10		
E602322	K-07-0125	28.44	30.85	QTZT	QTZT	Non-Mineralized	N-AML	290	0.04	<5	2			31	<20	0.1	<10	<10	24	<10		
E602321	K-07-0125	26.82	28.44	QTZT	QTZT	Non-Mineralized	N-AML	200	0.03	<5	1			20	<20	0.06	<10	<10	10	<10		
E602320	K-07-0125	23.77	26.82	QTZT	QTZT	Non-Mineralized	N-AML	340	0.08	<5	3			75	<20	0.12	<10	<10	30	<10		
E602319	K-07-0125	21.24	23.77	QTZT	QTZT	Non-Mineralized	N-AML	310	0.01	<5	5			38	<20	0.13	<10	<10	57	<10		
E602318	K-07-0125	20.39	21.24	QTZT	QTZT	Non-Mineralized	N-AML	180	0.06	6	2			15	<20	0.09	<10	<10	23	<10		
E602326	K-07-0125	35	36.74	QTZT	QTZT	Non-Mineralized	N-AML	440	0.1	<5	5			71	<20	0.18	<10	<10	50	<10		
E602339	K-07-0125	60.04	62.07	QTZT	QTZT	Non-Mineralized	N-AML	320	0.13	<5	2			64	<20	0.09	<10	<10	21	<10		
E602338	K-07-0125	57.66	60.04	QTZT	QTZT	Non-Mineralized	N-AML	870	0.32	<5	9			185	<20	0.28	<10	<10	93	<10		
E602336	K-07-0125	55.98	57.66	QTZT	QTZT	Non-Mineralized	N-AML	410	0.11	<5	4			77	<20	0.14	<10	<10	41	<10		
E602335	K-07-0125	53.98	55.98	QTZT	QTZT	Non-Mineralized	N-AML	340	0.09	<5	3			73	<20	0.11	<10	<10	31	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E602346	K-07-0125	73.68	75.59	QTZT	QTZT	Non-Mineralized	N-AML	310	0.1	<5	3			34	<20	0.12	<10	<10	32	<10		
E602327	K-07-0125	36.74	39.01	QTZT	QTZT	Non-Mineralized	N-AML	300	0.08	<5	1			56	<20	0.06	<10	<10	13	<10		
E602349	K-07-0125	81.64	82.84	QTZT	QTZT	Non-Mineralized	N-AML	250	0.05	13	1			16	<20	0.07	<10	<10	15	<10		
E602348	K-07-0125	78.64	81.64	QTZT	QTZT	Non-Mineralized	N-AML	220	0.04	18	2			26	<20	0.08	<10	<10	18	<10		
E602347	K-07-0125	75.59	78.64	QTZT	QTZT	Non-Mineralized	N-AML	440	0.15	6	5			64	<20	0.18	<10	<10	56	<10		
E602350	K-07-0125	82.84	84.73	QTZT	QTZT	Non-Mineralized	N-AML	370	0.27	13	4			24	<20	0.13	<10	<10	45	<10		
E602345	K-07-0125	71.73	73.68	QTZT	QTZT	Non-Mineralized	N-AML	420	0.04	<5	3			33	<20	0.13	<10	<10	33	<10		
E602343	K-07-0125	69.49	71.73	QTZT	QTZT	Non-Mineralized	N-AML	140	0.03	<5	1			8	<20	0.08	<10	<10	10	<10		
E602342	K-07-0125	66.45	69.49	QTZT	QTZT	Non-Mineralized	N-AML	370	0.06	<5	3			36	<20	0.14	<10	<10	37	<10		
E602330	K-07-0125	45.11	48.16	QTZT	QTZT	Non-Mineralized	P-AML	540	0.08	<5	9			119	<20	0.27	<10	<10	88	<10		
E602328	K-07-0125	39.01	42.06	QTZT	QTZT	Non-Mineralized	N-AML	490	0.07	5	3			129	<20	0.13	<10	<10	34	<10		
E602329	K-07-0125	42.06	45.11	QTZT	QTZT	Non-Mineralized	N-AML	400	0.07	7	6			61	<20	0.19	<10	<10	58	<10		
E602332	K-07-0125	48.16	49.88	QTZT	QTZT	Non-Mineralized	N-AML	380	0.14	<5	4			48	<20	0.15	<10	<10	39	<10		
E602333	K-07-0125	49.88	51.77	QTZT	QTZT	Non-Mineralized	N-AML	330	0.11	<5	3			46	<20	0.11	10	<10	24	<10		
E602334	K-07-0125	51.77	53.98	QTZT	QTZT	Non-Mineralized	N-AML	370	0.11	6	3			105	<20	0.09	<10	<10	25	<10		
E602340	K-07-0125	62.07	63.39	QTZT	QTZT	Non-Mineralized	N-AML	640	0.27	5	9			119	<20	0.29	<10	<10	84	<10		
E602341	K-07-0125	63.39	66.45	QTZT	QTZT	Non-Mineralized	N-AML	230	0.08	<5	3			36	<20	0.13	<10	<10	33	<10		
E602383	K-07-0125	137.27	139.33	QTZT	QTZT	Non-Mineralized	N-AML	250	0.13	<5	1			7	<20	0.08	<10	<10	7	<10		
E602385	K-07-0125	139.33	139.73	QTZT	QTZT	Non-Mineralized	N-AML	130	0.13	<5	1			33	<20	0.09	<10	<10	11	<10		
E602382	K-07-0125	135.1	137.27	QTZT	QTZT	Non-Mineralized	N-AML	140	0.03	<5	1			4	<20	0.08	<10	<10	5	<10		
E602381	K-07-0125	133.2	135.1	QTZT	QTZT	Non-Mineralized	N-AML	130	0.06	<5	1			4	<20	0.08	<10	<10	6	<10		
E602380	K-07-0125	131.08	133.2	QTZT	QTZT	Mineralized	P-AML	110	0.08	<5	1			4	<20	0.07	<10	<10	6	<10		
E602386	K-07-0125	139.73	142.65	QTZT	QTZT	Non-Mineralized	N-AML	680	0.12	<5	5			32	<20	0.21	<10	<10	52	<10		
E602388	K-07-0125	144.48	146.62	QTZT	QTZT	Non-Mineralized	P-AML	370	0.24	6	7			96	<20	0.27	<10	<10	67	<10		
E602392	K-07-0125	149.05	151.48	QTZT	QTZT	Non-Mineralized	N-AML	450	0.04	9	6			46	<20	0.2	<10	<10	60	<10		
E602389	K-07-0125	146.62	147.9	QTZT	QTZT	Mineralized	P-AML	200	0.03	<5	2			16	<20	0.13	<10	<10	16	<10		
E602387	K-07-0125	142.65	144.48	QTZT	QTZT	Non-Mineralized	N-AML	590	0.8	7	5			94	<20	0.2	<10	<10	52	<10		
E602390	K-07-0125	147.9	149.05	QTZT	QTZT	Mineralized	P-AML	280	0.06	<5	4			45	<20	0.2	<10	<10	44	<10		
E602394	K-07-0125	152.63	154.52	QTZT	QTZT	Non-Mineralized	N-AML	230	0.58	6	1			8	<20	0.11	<10	<10	14	<10		
E602393	K-07-0125	151.48	152.63	QTZT	QTZT	Mineralized	P-AML	240	0.07	<5	2			19	<20	0.11	<10	<10	20	<10		
E602399	K-07-0125	158.25	160.24	QTZT	QTZT	Non-Mineralized	N-AML	250	0.61	6	7			43	<20	0.16	<10	<10	88	<10		
E602400	K-07-0125	160.24	160.93	QTZT	QTZT	Non-Mineralized	N-AML	120	2.57	<5	1			6	<20	0.06	<10	<10	10	<10		
E777002	K-07-0126	12.54	14.66	QTZT	QTZT	Non-Mineralized	N-AML	310	0.05	<5	1			27	<20	0.05	<10	<10	12	<10		
E777001	K-07-0126	10.5	12.54	QTZT	QTZT	Non-Mineralized	N-AML	250	0.05	<5	1			43	<20	0.05	<10	<10	9	<10		
E777034	K-07-0126	74.95	76.8	QTZT	QTZT	Non-Mineralized	N-AML	260	0.17	<5	2			54	<20	0.09	<10	<10	22	<10		
E777045	K-07-0126	92.9	94.85	QTZT	QTZT	Non-Mineralized	N-AML	510	0.76	<5	8			153	<20	0.26	<10	<10	92	<10		
E777025	K-07-0126	56.6	58.8	QTZT	QTZT	Non-Mineralized	N-AML	270	0.12	<5	1			58	<20	0.06	<10	<10	14	<10		
E777026	K-07-0126	58.8	60.68	QTZT	QTZT	Non-Mineralized	N-AML	310	0.1	<5	3			115	<20	0.13	<10	<10	34	<10		
E777027	K-07-0126	60.68	62.67	QTZT	QTZT	Non-Mineralized	N-AML	1200	0.32	<5	11			117	<20	0.35	<10	<10	119	<10		
E777028	K-07-0126	62.67	63.39	QTZT	QTZT	Non-Mineralized	N-AML	720	0.45	<5	7			153	<20	0.25	<10	<10	79	<10		
E777029	K-07-0126	63.39	68.5	QTZT	QTZT	Non-Mineralized	N-AML	460	0.16	<5	5			64	<20	0.18	<10	<10	51	<10		
E777031	K-07-0126	68.5	70.68	QTZT	QTZT	Non-Mineralized	N-AML	310	0.1	6	2			26	<20	0.11	<10	<10	24	<10		
E777022	K-07-0126	52.6	54.6	QTZT	QTZT	Non-Mineralized	N-AML	340	0.1	<5	3			87	<20	0.1	<10	<10	26	<10		
E777033	K-07-0126	72.79	74.95	QTZT	QTZT	Non-Mineralized	N-AML	270	0.07	<5	1			22	<20	0.07	<10	<10	12	<10		
E777035	K-07-0126	76.8	78.95	QTZT	QTZT	Non-Mineralized	N-AML	230	0.07	<5	2			24	<20	0.08	<10	<10	15	<10		
E777036	K-07-0126	78.95	80.82	QTZT	QTZT	Non-Mineralized	N-AML	230	0.09	<5	3			32	<20	0.17	<10	<10	39	<10		
E777038	K-07-0126	80.82	82.84	QTZT	QTZT	Non-Mineralized	N-AML	70	0.06	<5	<1			5	<20	0.06	<10	<10	4	<10		
E777039	K-07-0126	82.84	84.73	QTZT	QTZT	Non-Mineralized	N-AML	310	0.08	<5	2			32	<20	0.09	10	<10	19	<10		
E777040	K-07-0126	84.73	86.97	QTZT	QTZT	Non-Mineralized	N-AML	100	0.05	<5	1			4	<20	0.09	<10	<10	7	<10		
E777041	K-07-0126	86.97	88.87	QTZT	QTZT	Non-Mineralized	N-AML	230	0.09	<5	2			34	<20	0.13	<10	<10	28	<10		
E777043	K-07-0126	88.87	90.83	QTZT	QTZT	Non-Mineralized	N-AML	210	0.08	<5	1			10	<20	0.08	<10	<10	11	<10		
E777044	K-07-0126	90.83	92.9	QTZT	QTZT	Non-Mineralized	N-AML	290	0.11	5	3			69	<20	0.13	<10	<10	32	<10		
E777032	K-07-0126	70.68	72.79	QTZT	QTZT	Non-Mineralized	N-AML	560	0.19	5	5			92	<20	0.17	<10	<10	54	<10		
E777010	K-07-0126	32.2	34.28	QTZT	QTZT	Non-Mineralized	N-AML	260	0.04	<5	1			15	<20	0.06	<10	<10	11	<10		
E777007	K-07-0126	23.43	27	QTZT	QTZT	Non-Mineralized	N-AML	250	0.04	<5	2			40	<20	0.06	<10	<10	16	<10		
E777008	K-07-0126	27	29.08	QTZT	QTZT	Non-Mineralized	N-AML	220	0.04	<5	1			14	<20	0.06	<10	<10	10	<10		
E777009	K-07-0126	29.08	32.2	QTZT	QTZT	Non-Mineralized	N-AML	220	0.04	<5	1			8	<20	0.05	<10	<10	7	<10		
E777024	K-07-0126	54.6	56.6	QTZT	QTZT	Non-Mineralized	N-AML	740	0.27	<5	10			200	<20	0.29	<10	<10	96	<10		
E777011	K-07-0126	34.28	36.29	QTZT	QTZT	Non-Mineralized	N-AML	210	0.07	<5	2			34	<20	0.08	<10	<10	18	<10		
E777013	K-07-0126	36.29	38.3	QTZT	QTZT	Non-Mineralized	N-AML	210	0.06	5	1			45	<20	0.06	<10	<10	10	<10		
E777014	K-07-0126	38.3	40.15	QTZT	QTZT	Non-Mineralized	N-AML	490	0.08	<5	6			116	<20	0.18	<10	<10	52	<10		
E777015	K-07-0126	40.15	42.19	QTZT	QTZT	Non-Mineralized	N-AML	400	0.08	<5	3			63	<20	0.13	<10	<10	32	<10		
E777017	K-07-0126	42.19	44.68	QTZT	QTZT	Non-Mineralized	N-AML	350	0.05	<5	3			29	<20	0.12	<10	<10	30	<10		
E777018	K-07-0126	44.68	46.68	QTZT	QTZT	Non-Mineralized	N-AML	350	0.07	<5	5			76	<20	0.16	<10	<10	48	<10		
E777019	K-07-0126	46.68	48.5	QTZT	QTZT	Non-Mineralized	N-AML	260	0.17	<5	3			37	<20	0.1	<10	<10	27	<10		
E777020	K-07-0126	48.5	50.56	QTZT	QTZT	Mineralized	P-AML	150	0.09	<5	1			22	<20	0.09	<10	<10	14	<10		
E777070	K-07-0126	130.22	133.29	QTZT	QTZT	Non-Mineralized	N-AML	650	0.34	6	5			56	<20	0.18	<10	<10	55	<10		
E777071	K-07-0126	133.29	135.48	QTZT	QTZT	Non-Mineralized	N-AML	360	0.31	6	3			32	<20	0.12	<10	<10	33	<10		
E777072	K-07-0126	135.48	136.34	QTZT	QTZT	Non-Mineralized	N-AML	120	0.1	<5	1			4	<20	0.07	<10	<10	6	<10		
E777073	K-07-0126	136.34	138.42	QTZT	QTZT	Non-Mineralized	N-AML	110	0.34	<5	1			3	<20	0.07	<10	<10	6	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E777074	K-07-0126	138.42	140.6	QTZT	QTZT	Non-Mineralized	N-AML	160	0.47	<5	1			7	<20	0.08	<10	<10	9	<10		
E777075	K-07-0126	140.6	143.11	QTZT	QTZT	Non-Mineralized	N-AML	280	0.21	<5	3			33	<20	0.11	<10	<10	27	<10		
E777069	K-07-0126	127.61	130.22	QTZT	QTZT	Non-Mineralized	N-AML	670	0.26	5	5			24	<20	0.17	<10	<10	57	<10		
E777046	K-07-0126	94.85	96.93	QTZT	QTZT	Non-Mineralized	N-AML	240	0.26	<5	3			50	<20	0.13	<10	<10	36	<10		
E777021	K-07-0126	50.56	52.6	QTZT	QTZT	Non-Mineralized	N-AML	230	0.09	<5	1			84	<20	0.05	<10	<10	10	<10		
E777055	K-07-0126	107.07	108.72	QTZT	QTZT	Non-Mineralized	N-AML	130	0.24	11	<1			1	<20	0.05	<10	<10	4	<10		
E777049	K-07-0126	98.83	100.91	QTZT	QTZT	Non-Mineralized	N-AML	310	0.17	<5	4			75	<20	0.16	<10	<10	41	<10		
E777067	K-07-0126	125.76	127.61	QTZT	QTZT	Non-Mineralized	N-AML	590	0.16	5	4			20	<20	0.11	<10	<10	44	10		
E777051	K-07-0126	102.98	103.99	QTZT	QTZT	Non-Mineralized	N-AML	320	0.12	<5	3			38	<20	0.11	<10	<10	30	<10		
E777053	K-07-0126	106.07	107.07	QTZT	QTZT	Non-Mineralized	N-AML	90	0.2	6	1			2	<20	0.04	<10	<10	5	<10		
E777050	K-07-0126	100.91	102.98	QTZT	QTZT	Non-Mineralized	N-AML	700	0.39	<5	7			98	<20	0.24	<10	<10	65	<10		
E777056	K-07-0126	108.72	109.73	QTZT	QTZT	Non-Mineralized	N-AML	210	0.2	<5	1			6	<20	0.07	<10	<10	13	<10		
E777057	K-07-0126	109.73	112.17	QTZT	QTZT	Non-Mineralized	N-AML	170	0.25	<5	1			4	<20	0.07	<10	<10	10	<10		
E777062	K-07-0126	119.25	121.16	QTZT	QTZT	Non-Mineralized	N-AML	300	0.32	<5	2			14	<20	0.1	<10	<10	23	<10		
E777066	K-07-0126	124.11	125.76	QTZT	QTZT	Non-Mineralized	P-AML	950	1.36	5	8			66	<20	0.26	10	<10	90	<10		
E777065	K-07-0126	122.71	124.11	QTZT	QTZT	Non-Mineralized	N-AML	330	0.19	<5	2			35	<20	0.1	10	<10	22	<10		
E777052	K-07-0126	103.99	106.07	QTZT	QTZT	Non-Mineralized	N-AML	250	1.29	14	5			36	<20	0.11	<10	<10	54	<10		
E777063	K-07-0126	121.16	122.71	QTZT	QTZT	Non-Mineralized	N-AML	290	0.17	<5	1			23	<20	0.04	<10	<10	9	<10		
E777048	K-07-0126	96.93	98.83	QTZT	QTZT	Non-Mineralized	N-AML	210	0.29	<5	2			94	<20	0.09	<10	<10	23	<10		
E777061	K-07-0126	117.25	119.25	QTZT	QTZT	Non-Mineralized	N-AML	610	2.29	9	6			27	<20	0.19	<10	<10	59	<10		
E777060	K-07-0126	115.21	117.25	QTZT	QTZT	Non-Mineralized	N-AML	280	0.26	5	5			10	<20	0.18	<10	<10	61	<10		
E777059	K-07-0126	113.72	115.21	QTZT	QTZT	Non-Mineralized	P-AML	760	0.69	14	10			65	<20	0.29	<10	<10	106	<10		
E777058	K-07-0126	112.17	113.72	QTZT	QTZT	Non-Mineralized	N-AML	170	0.27	<5	1			3	<20	0.07	<10	<10	11	<10		
E777082	K-07-0126	152.3	154.3	QTZT	QTZT	Non-Mineralized	N-AML	250	0.12	<5	5			49	<20	0.19	<10	<10	64	<10		
E777076	K-07-0126	143.11	145	QTZT	QTZT	Non-Mineralized	N-AML	730	0.55	12	15			44	<20	0.48	10	<10	154	<10		
E777080	K-07-0126	149.1	150.88	QTZT	QTZT	Non-Mineralized	N-AML	250	0.12	<5	5			40	<20	0.15	<10	<10	50	<10		
E777079	K-07-0126	147.06	149.1	QTZT	QTZT	Non-Mineralized	N-AML	490	1.04	12	15			117	<20	0.33	<10	<10	174	<10		
E777083	K-07-0126	154.3	156.31	QTZT	QTZT	Non-Mineralized	N-AML	80	0.04	<5	2			8	<20	0.08	<10	<10	19	<10		
E777085	K-07-0126	156.31	158.32	QTZT	QTZT	Non-Mineralized	N-AML	120	0.03	<5	3			28	<20	0.13	<10	<10	59	<10		
E777086	K-07-0126	158.32	160.34	QTZT	QTZT	Non-Mineralized	N-AML	660	0.08	<5	18			119	<20	0.4	<10	<10	229	<10		
E777087	K-07-0126	160.34	162.66	QTZT	QTZT	Non-Mineralized	N-AML	720	0.05	6	17			95	<20	0.36	<10	<10	228	<10		
E777088	K-07-0126	162.66	164.68	QTZT	QTZT	Non-Mineralized	N-AML	690	0.15	9	30			267	<20	0.82	<10	10	299	<10		
E777077	K-07-0126	145	147.06	QTZT	QTZT	Non-Mineralized	N-AML	1150	0.26	7	35			323	<20	1.35	<10	<10	354	<10		
E777081	K-07-0126	150.88	152.3	QTZT	QTZT	Non-Mineralized	N-AML	170	0.08	<5	2			12	<20	0.07	<10	<10	19	<10		
E777094	K-07-0126	172.48	174.42	QTZT	QTZT	Non-Mineralized	N-AML	100	0.01	<5	1			10	<20	0.08	<10	<10	8	<10		
E777092	K-07-0126	168.3	170.45	QTZT	QTZT	Non-Mineralized	N-AML	40	0.01	<5	<1			9	<20	0.04	<10	<10	4	<10		
E777098	K-07-0126	177.8	179.22	QTZT	QTZT	Non-Mineralized	N-AML	70	0.03	<5	1			6	<20	0.03	<10	<10	4	<10		
E777100	K-07-0126	180.54	182.27	QTZT	QTZT	Non-Mineralized	N-AML	60	0.04	<5	1			3	<20	0.06	<10	<10	6	<10		
E777101	K-07-0126	182.27	184.2	QTZT	QTZT	Non-Mineralized	N-AML	310	0.3	<5	4			71	<20	0.18	<10	<10	51	<10		
E777102	K-07-0126	184.2	186.35	QTZT	QTZT	Non-Mineralized	N-AML	210	0.14	<5	3			12	<20	0.13	<10	<10	27	<10		
E777097	K-07-0126	176.46	177.8	QTZT	QTZT	Non-Mineralized	N-AML	90	0.04	<5	1			6	<20	0.06	<10	<10	5	<10		
E777093	K-07-0126	170.45	172.48	QTZT	QTZT	Non-Mineralized	N-AML	80	0.02	<5	1			7	<20	0.05	<10	<10	7	<10		
E777091	K-07-0126	166.94	168.3	QTZT	QTZT	Non-Mineralized	N-AML	70	0.03	9	1			15	<20	0.05	<10	<10	11	<10		
E777095	K-07-0126	174.42	176.46	QTZT	QTZT	Non-Mineralized	N-AML	70	0.01	<5	1			5	<20	0.07	<10	<10	5	<10		
E777089	K-07-0126	164.68	166.94	QTZT	QTZT	Non-Mineralized	N-AML	80	0.02	<5	1			11	<20	0.08	<10	<10	9	<10		
E777105	K-07-0126	188.37	190.94	QTZT	QTZT	Non-Mineralized	N-AML	100	0.4	5	1			27	<20	0.06	<10	<10	15	<10		
E777104	K-07-0126	186.35	188.37	QTZT	QTZT	Non-Mineralized	N-AML	240	0.15	<5	6			94	<20	0.2	<10	<10	87	<10		
E777106	K-07-0126	190.94	192.86	QTZT	QTZT	Non-Mineralized	N-AML	80	0.85	<5	<1			3	<20	0.05	<10	<10	4	<10		
E777107	K-07-0126	192.86	194.68	QTZT	QTZT	Non-Mineralized	N-AML	60	0.28	<5	<1			9	<20	0.04	<10	<10	3	<10		
E777109	K-07-0126	194.68	196.55	QTZT	QTZT	Non-Mineralized	N-AML	60	0.11	5	1			2	<20	0.06	<10	<10	5	<10		
E777110	K-07-0126	196.55	198.4	QTZT	QTZT	Non-Mineralized	N-AML	60	0.07	<5	<1			3	<20	0.06	<10	<10	5	<10		
E777111	K-07-0126	198.4	200.56	QTZT	QTZT	Non-Mineralized	N-AML	200	0.33	<5	3			34	<20	0.15	<10	<10	36	<10		
E777112	K-07-0126	200.56	202.69	QTZT	QTZT	Non-Mineralized	N-AML	240	0.48	<5	3			50	<20	0.15	<10	<10	51	<10		
E777113	K-07-0126	202.69	206.98	QTZT	QTZT	Non-Mineralized	N-AML	450	0.76	7	6			73	<20	0.23	<10	<10	76	<10		
E777114	K-07-0126	206.98	209.7	QTZT	QTZT	Non-Mineralized	N-AML	160	0.45	<5	2			35	<20	0.13	<10	<10	27	<10		
E777121	K-08-0129	6.1	8	QTZT	QTZT	Non-Mineralized	N-AML	240	0.04	<5	1			11	<20	0.06	<10	<10	8	<10		
E777122	K-08-0129	8	10.16	QTZT	QTZT	Non-Mineralized	N-AML	210	0.05	<5	1			15	<20	0.05	<10	<10	7	<10		
E777123	K-08-0129	10.16	11.2	QTZT	QTZT	Non-Mineralized	N-AML	810	0.06	<5	4			49	<20	0.16	<10	<10	51	<10		
E777125	K-08-0129	11.2	14	QTZT	QTZT	Non-Mineralized	N-AML	250	0.04	<5	1			19	<20	0.06	<10	<10	10	<10		
E777126	K-08-0129	14	17	QTZT	QTZT	Non-Mineralized	N-AML	320	0.05	<5	1			35	<20	0.06	10	<10	14	<10		
E777127	K-08-0129	17	20.2	QTZT	QTZT	Non-Mineralized	N-AML	390	0.08	<5	3			82	<20	0.13	<10	<10	34	<10		
E777128	K-08-0129	20.2	23	QTZT	QTZT	Mineralized	P-AML	670	0.04	<5	31			233	<20	0.86	10	<10	297	<10		
E777136	K-08-0129	35.36	38	QTZT	QTZT	Non-Mineralized	N-AML	250	0.08	<5	1			28	<20	0.07	<10	<10	14	<10		
E777137	K-08-0129	38	41	QTZT	QTZT	Non-Mineralized	N-AML	450	0.12	<5	4			63	<20	0.16	<10	<10	44	<10		
E777138	K-08-0129	41	44	QTZT	QTZT	Non-Mineralized	N-AML	380	0.09	<5	2			34	<20	0.09	<10	<10	21	<10		
E777139	K-08-0129	44	47	QTZT	QTZT	Non-Mineralized	N-AML	320	0.11	<5	3			75	<20	0.13	<10	<10	35	<10		
E777140	K-08-0129	47	48.59	QTZT	QTZT	Non-Mineralized	N-AML	420	0.22	<5	3			102	<20	0.09	<10	<10	31	<10		
E777151	K-08-0129	67	69.03	QTZT	QTZT	Non-Mineralized	N-AML	220	0.11	<5	2			33	<20	0.06	<10	<10	18	<10		
E777149	K-08-0129	65.19	67	QTZT	QTZT	Non-Mineralized	N-AML	250	0.17	<5	1			60	<20	0.06	<10	<10	13	<10		
E777156	K-08-0129	75.54	77	QTZT	QTZT	Non-Mineralized	N-AML	190	0.13	<5	1			23	<20	0.09	<10	<10	15	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E777157	K-08-0129	77	79.11	QTZT	QTZT	Non-Mineralized	N-AML	200	0.12	<5	2			32	<20	0.11	<10	<10	20	<10		
E777158	K-08-0129	79.11	81.99	QTZT	QTZT	Non-Mineralized	N-AML	460	0.21	<5	5			72	<20	0.19	<10	<10	54	<10		
E777159	K-08-0129	81.99	85	QTZT	QTZT	Non-Mineralized	N-AML	260	0.13	<5	3			70	<20	0.12	<10	<10	30	<10		
E777160	K-08-0129	85	87.75	QTZT	QTZT	Non-Mineralized	N-AML	420	0.16	5	6			120	<20	0.21	10	<10	62	<10		
E777161	K-08-0129	87.75	88.53	QTZT	QTZT	Non-Mineralized	N-AML	230	0.02	<5	1			4	<20	0.06	<10	<10	8	<10		
E777163	K-08-0129	88.53	90	QTZT	QTZT	Non-Mineralized	N-AML	140	0.005	<5	1			5	<20	0.03	<10	<10	7	<10		
E777170	K-08-0129	105	108	QTZT	QTZT	Non-Mineralized	N-AML	240	0.35	<5	4			36	<20	0.17	<10	<10	47	<10		
E777165	K-08-0129	90	93	QTZT	QTZT	Non-Mineralized	N-AML	330	0.19	5	2			33	<20	0.12	<10	<10	28	<10		
E777166	K-08-0129	93	96	QTZT	QTZT	Non-Mineralized	N-AML	200	0.1	<5	2			23	<20	0.11	<10	<10	16	<10		
E777167	K-08-0129	96	99	QTZT	QTZT	Non-Mineralized	N-AML	360	0.18	5	3			63	<20	0.15	<10	<10	36	<10		
E777169	K-08-0129	102	105	QTZT	QTZT	Non-Mineralized	N-AML	120	0.06	<5	1			11	<20	0.08	<10	<10	8	<10		
E777171	K-08-0129	108	111	QTZT	QTZT	Non-Mineralized	N-AML	330	0.61	<5	4			67	<20	0.15	<10	<10	41	<10		
E777172	K-08-0129	111	114	QTZT	QTZT	Non-Mineralized	N-AML	100	0.05	<5	<1			2	<20	0.06	<10	<10	5	<10		
E777174	K-08-0129	114	115.77	QTZT	QTZT	Non-Mineralized	N-AML	200	0.22	<5	1			25	<20	0.1	<10	<10	16	<10		
E777168	K-08-0129	99	102	QTZT	QTZT	Non-Mineralized	N-AML	490	0.65	<5	6			87	<20	0.2	<10	<10	59	<10		
E777175	K-08-0129	115.77	116.54	QTZT	QTZT	Non-Mineralized	N-AML	100	0.07	<5	<1			5	<20	0.05	<10	<10	5	<10		
E777176	K-08-0129	116.54	118.5	QTZT	QTZT	Non-Mineralized	N-AML	240	0.56	7	2			16	<20	0.1	<10	<10	22	<10		
E777177	K-08-0129	118.5	119.75	QTZT	QTZT	Non-Mineralized	N-AML	130	0.1	<5	1			6	<20	0.05	<10	<10	5	<10		
E777184	K-08-0129	136.86	140	QTZT	QTZT	Non-Mineralized	N-AML	150	0.22	<5	1			4	<20	0.08	<10	<10	7	<10		
E777185	K-08-0129	140	143	QTZT	QTZT	Non-Mineralized	N-AML	210	0.05	<5	1			4	<20	0.09	<10	<10	9	<10		
E777194	K-08-0129	157.28	161.56	QTZT	QTZT	Non-Mineralized	N-AML	280	0.33	11	4			17	<20	0.12	<10	<10	60	10		
E777193	K-08-0129	153.18	157.28	QTZT	QTZT	Mineralized	P-AML	1090	0.04	<5	21			9	<20	1.14	<10	<10	382	30		
E777192	K-08-0129	152	153.18	QTZT	QTZT	Non-Mineralized	N-AML	270	0.03	<5	2			5	<20	0.12	<10	<10	23	<10		
E777190	K-08-0129	149.52	152	QTZT	QTZT	Non-Mineralized	N-AML	310	0.07	<5	3			15	<20	0.12	<10	<10	34	<10		
E777189	K-08-0129	148.36	149.52	QTZT	QTZT	Non-Mineralized	N-AML	290	0.04	<5	4			24	<20	0.18	<10	<10	41	<10		
E777188	K-08-0129	146	148.36	QTZT	QTZT	Non-Mineralized	N-AML	290	0.05	<5	3			13	<20	0.12	<10	<10	26	<10		
E777186	K-08-0129	143	146	QTZT	QTZT	Non-Mineralized	N-AML	270	0.2	<5	3			18	<20	0.15	<10	<10	33	<10		
E777195	K-08-0129	161.56	164.78	QTZT	QTZT	Non-Mineralized	N-AML	370	0.04	<5	3			25	<20	0.12	<10	<10	37	<10		
E777206	K-08-0129	184	185	QTZT	QTZT	Non-Mineralized	N-AML	70	0.02	<5	1			13	<20	0.1	<10	<10	9	<10		
E777208	K-08-0129	186	187	QTZT	QTZT	Non-Mineralized	N-AML	70	0.01	<5	1			4	<20	0.08	<10	<10	8	<10		
E777209	K-08-0129	187	188	QTZT	QTZT	Non-Mineralized	N-AML	70	0.02	<5	1			10	<20	0.08	<10	<10	10	10		
E777205	K-08-0129	183	184	QTZT	QTZT	Non-Mineralized	N-AML	90	0.05	<5	1			13	<20	0.09	<10	<10	7	<10		
E777204	K-08-0129	182	183	QTZT	QTZT	Non-Mineralized	N-AML	80	0.03	5	<1			5	<20	0.06	<10	<10	5	<10		
E777202	K-08-0129	179	182	QTZT	QTZT	Non-Mineralized	N-AML	100	0.18	<5	1			18	<20	0.07	10	<10	14	<10		
E777201	K-08-0129	176	179	QTZT	QTZT	Non-Mineralized	N-AML	120	0.06	<5	1			9	<20	0.07	<10	<10	10	<10		
E777200	K-08-0129	173	176	QTZT	QTZT	Non-Mineralized	N-AML	50	0.07	<5	1			6	<20	0.04	<10	<10	5	<10		
E777199	K-08-0129	169.97	173	QTZT	QTZT	Non-Mineralized	N-AML	90	0.02	<5	1			15	<20	0.09	<10	<10	15	<10		
E777213	K-08-0129	190	191	QTZT	QTZT	Non-Mineralized	P-AML	680	0.31	<5	9			162	<20	0.36	<10	<10	137	<10		
E777212	K-08-0129	189	190	QTZT	QTZT	Non-Mineralized	N-AML	50	0.31	9	<1			2	<20	0.05	<10	<10	4	<10		
E777214	K-08-0129	191	191.83	QTZT	QTZT	Non-Mineralized	N-AML	260	0.51	<5	1			2	<20	0.07	10	<10	10	<10		
E777207	K-08-0129	185	186	QTZT	QTZT	Non-Mineralized	N-AML	50	0.03	<5	<1			5	<20	0.08	<10	<10	5	<10		
E777210	K-08-0129	188	189	QTZT	QTZT	Non-Mineralized	N-AML	30	1.14	15	<1			2	<20	0.05	<10	<10	3	<10		
E777222	K-08-0129	198	199	QTZT	QTZT	Non-Mineralized	N-AML	90	0.44	<5	<1			2	<20	0.04	<10	<10	3	<10		
E777223	K-08-0129	199	200.1	QTZT	QTZT	Non-Mineralized	N-AML	80	0.22	<5	<1			2	<20	0.06	<10	<10	5	<10		
E777221	K-08-0129	197	198	QTZT	QTZT	Non-Mineralized	N-AML	50	0.02	<5	<1			2	<20	0.08	<10	<10	4	<10		
E777220	K-08-0129	196	197	QTZT	QTZT	Non-Mineralized	N-AML	90	0.11	<5	1			5	<20	0.06	<10	<10	5	<10		
E777219	K-08-0129	195.09	196	QTZT	QTZT	Non-Mineralized	N-AML	510	0.6	34	1			5	<20	0.04	<10	<10	6	<10		
E777225	K-08-0129	200.1	203.3	QTZT	QTZT	Non-Mineralized	N-AML	100	0.56	<5	1			11	<20	0.08	<10	<10	13	<10		
E777232	K-08-0129	216.42	218.81	QTZT	QTZT	Non-Mineralized	N-AML	390	0.28	<5	3			32	<20	0.13	<10	<10	34	<10		
E777231	K-08-0129	214.13	216.42	QTZT	QTZT	Non-Mineralized	N-AML	90	0.2	<5	1			10	<20	0.1	<10	<10	15	<10		
E777243	K-08-0129	243.5	246.58	QTZT	QTZT	Non-Mineralized	N-AML	710	0.36	<5	8			87	<20	0.28	10	<10	85	<10		
E777242	K-08-0129	240.49	243.5	QTZT	QTZT	Non-Mineralized	N-AML	350	0.34	<5	4			50	<20	0.17	10	<10	48	<10		
E777256	K-08-0129	268	270.03	QTZT	QTZT	Non-Mineralized	N-AML	340	0.27	<5	3			19	<20	0.11	<10	<10	31	<10		
E777254	K-08-0129	262	265	QTZT	QTZT	Non-Mineralized	N-AML	570	0.37	<5	4			96	<20	0.14	<10	<10	42	<10		
E777252	K-08-0129	259.76	262	QTZT	QTZT	Non-Mineralized	N-AML	380	0.22	<5	2			54	<20	0.08	<10	<10	22	<10		
E777255	K-08-0129	265	268	QTZT	QTZT	Mineralized	P-AML	320	0.32	<5	3			28	<20	0.1	10	<10	26	<10		
E777257	K-08-0129	270.03	273	QTZT	QTZT	Non-Mineralized	N-AML	240	0.12	<5	1			23	<20	0.08	<10	<10	13	<10		
E777258	K-08-0129	273	275.45	QTZT	QTZT	Mineralized	P-AML	290	0.12	<5	1			8	<20	0.06	10	<10	8	<10		
E777259	K-08-0129	275.45	278	QTZT	QTZT	Non-Mineralized	N-AML	350	0.27	<5	4			32	<20	0.16	10	<10	46	<10		
E777262	K-08-0129	284	286.51	QTZT	QTZT	Non-Mineralized	N-AML	160	0.14	<5	1			9	<20	0.09	<10	<10	14	<10		
E777261	K-08-0129	281	284	QTZT	QTZT	Non-Mineralized	N-AML	250	0.15	<5	2			18	<20	0.11	10	<10	18	<10		
E777260	K-08-0129	278	281	QTZT	QTZT	Non-Mineralized	N-AML	350	0.18	<5	2			16	<20	0.11	10	<10	19	<10		
E777269	K-08-0129	298	300	QTZT	QTZT	Non-Mineralized	N-AML	490	0.31	<5	6			56	<20	0.16	<10	<10	60	<10		
E777270	K-08-0129	300	301.64	QTZT	QTZT	Non-Mineralized	N-AML	260	0.09	<5	2			47	<20	0.09	<10	<10	16	<10		
E777267	K-08-0129	295	298	QTZT	QTZT	Non-Mineralized	N-AML	320	0.11	<5	4			45	<20	0.19	<10	<10	39	<10		
E777266	K-08-0129	292	295	QTZT	QTZT	Non-Mineralized	N-AML	460	0.33	6	7			80	<20	0.24	<10	<10	69	10		
E777264	K-08-0129	289	292	QTZT	QTZT	Non-Mineralized	P-AML	610	0.14	<5	9			82	<20	0.3	10	<10	92	<10		
E777263	K-08-0129	286.51	289	QTZT	QTZT	Non-Mineralized	N-AML	230	0.25	<5	5			26	<20	0.17	<10	<10	50	<10		
E777271	K-08-0129	301.64	304.86	QTZT	QTZT	Non-Mineralized	P-AML	660	0.3	6	10			71	<20	0.3	10	<10	89	<10		
E777274	K-08-0129	310	312.11	QTZT	QTZT	Non-Mineralized	N-AML	390	0.17	<5	5			86	<20	0.19	10	<10	50	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E777273	K-08-0129	308	310	QTZT	QTZT	Non-Mineralized	N-AML	330	0.2	<5	4			34	<20	0.18	10	<10	39	<10		
E777272	K-08-0129	304.86	308	QTZT	QTZT	Non-Mineralized	N-AML	310	0.11	<5	4			54	<20	0.16	10	<10	35	<10		
E777276	K-08-0129	313.16	316.09	QTZT	QTZT	Non-Mineralized	N-AML	570	0.38	<5	5			52	<20	0.19	<10	<10	53	<10		
E777279	K-08-0129	317.56	320	QTZT	QTZT	Non-Mineralized	N-AML	300	0.53	<5	4			26	<20	0.14	10	<10	44	<10		
E777280	K-08-0129	320	323.0889	QTZT	QTZT	Non-Mineralized	N-AML	130	0.69	<5	2			12	<20	0.08	<10	<10	22	<10		
E753932	K-08-0130	32.07	35.12	QTZT	QTZT	Non-Mineralized	N-AML	450	0.11	<5	5			106	<20	0.19	<10	<10	57	<10		
E753948	K-08-0130	71.08	73.23	QTZT	QTZT	Non-Mineralized	N-AML	330	0.25	<5	5			69	<20	0.18	10	<10	53	<10		
E753927	K-08-0130	20.06	23.06	QTZT	QTZT	Non-Mineralized	N-AML	450	0.08	<5	7			120	<20	0.22	<10	<10	70	<10		
E753931	K-08-0130	29.06	32.07	QTZT	QTZT	Non-Mineralized	N-AML	580	0.14	<5	9			156	<20	0.27	<10	<10	88	<10		
E753929	K-08-0130	23.06	26.06	QTZT	QTZT	Non-Mineralized	N-AML	460	0.08	<5	7			105	<20	0.23	<10	<10	69	<10		
E753933	K-08-0130	35.12	38.12	QTZT	QTZT	Non-Mineralized	N-AML	510	0.1	<5	8			127	<20	0.22	<10	<10	74	<10		
E753935	K-08-0130	38.12	41.28	QTZT	QTZT	Non-Mineralized	N-AML	320	0.14	<5	4			80	<20	0.14	<10	<10	39	<10		
E753936	K-08-0130	41.28	44.29	QTZT	QTZT	Non-Mineralized	N-AML	320	0.09	<5	4			79	<20	0.14	<10	<10	42	<10		
E753937	K-08-0130	44.29	47.03	QTZT	QTZT	Non-Mineralized	N-AML	580	0.34	<5	7			119	<20	0.23	<10	<10	73	<10		
E753939	K-08-0130	47.03	50.03	QTZT	QTZT	Non-Mineralized	N-AML	470	0.27	<5	8			166	<20	0.26	<10	<10	87	<10		
E753940	K-08-0130	50.03	53.03	QTZT	QTZT	Non-Mineralized	N-AML	500	0.26	5	5			182	<20	0.15	<10	<10	56	<10		
E753941	K-08-0130	53.03	56.06	QTZT	QTZT	Non-Mineralized	N-AML	980	0.14	<5	14			219	<20	0.34	<10	<10	137	<10		
E753943	K-08-0130	59.06	62.06	QTZT	QTZT	Non-Mineralized	N-AML	640	0.68	<5	10			182	<20	0.29	<10	<10	109	<10		
E753944	K-08-0130	62.06	65.06	QTZT	QTZT	Non-Mineralized	N-AML	310	0.2	<5	3			43	<20	0.12	<10	<10	30	<10		
E753945	K-08-0130	65.06	68.06	QTZT	QTZT	Non-Mineralized	N-AML	400	0.3	<5	5			97	<20	0.18	10	<10	49	<10		
E753947	K-08-0130	68.06	71.08	QTZT	QTZT	Non-Mineralized	N-AML	270	0.11	<5	2			46	<20	0.07	<10	<10	17	<10		
E753930	K-08-0130	26.06	29.06	QTZT	QTZT	Non-Mineralized	N-AML	480	0.09	<5	4			63	<20	0.15	<10	<10	42	<10		
E753942	K-08-0130	56.06	59.06	QTZT	QTZT	Non-Mineralized	N-AML	580	0.2	<5	7			124	<20	0.2	<10	<10	70	<10		
E754008	K-08-0134	75.44	78.19	QTZT	QTZT	Non-Mineralized	N-AML	410	0.26	<5	4			108	<20	0.15	<10	<10	41	<10		
E754011	K-08-0134	83.73	86.73	QTZT	QTZT	Non-Mineralized	N-AML	700	0.04	<5	37			270	<20	1.03	<10	<10	344	<10		
E754009	K-08-0134	78.19	81.74	QTZT	QTZT	Non-Mineralized	N-AML	340	0.15	<5	2			76	<20	0.07	<10	<10	17	<10		
E754007	K-08-0134	72.31	75.44	QTZT	QTZT	Non-Mineralized	N-AML	290	0.42	<5	2			119	<20	0.09	<10	<10	25	<10		
E754005	K-08-0134	69.25	72.31	QTZT	QTZT	Non-Mineralized	N-AML	250	0.29	<5	2			119	<20	0.07	<10	<10	19	<10		
E754010	K-08-0134	81.74	83.73	QTZT	QTZT	Non-Mineralized	N-AML	270	0.28	<5	2			79	<20	0.08	<10	<10	21	<10		
E754014	K-08-0134	89.35	91.74	QTZT	QTZT	Non-Mineralized	N-AML	470	0.29	<5	6			95	<20	0.21	<10	<10	65	<10		
E754016	K-08-0134	93.63	96.63	QTZT	QTZT	Non-Mineralized	N-AML	290	0.17	<5	13			187	<20	0.16	<10	<10	92	<10		
E754027	K-08-0134	117.11	120.09	QTZT	QTZT	Non-Mineralized	N-AML	770	0.71	<5	11			215	<20	0.32	<10	<10	101	<10		
E754025	K-08-0134	114.17	117.11	QTZT	QTZT	Non-Mineralized	N-AML	360	0.22	<5	1			97	<20	0.06	<10	<10	14	<10		
E754023	K-08-0134	108.17	111.17	QTZT	QTZT	Non-Mineralized	N-AML	380	0.73	<5	2			106	<20	0.09	<10	<10	26	<10		
E754034	K-08-0134	134.07	136.13	QTZT	QTZT	Non-Mineralized	N-AML	230	0.32	<5	2			109	<20	0.06	<10	<10	16	<10		
E754032	K-08-0134	132.07	134.07	QTZT	QTZT	Non-Mineralized	N-AML	870	0.94	<5	7			242	<20	0.25	<10	<10	79	<10		
E754031	K-08-0134	129.08	132.07	QTZT	QTZT	Non-Mineralized	N-AML	810	0.5	<5	5			109	<20	0.16	<10	<10	51	<10		
E754030	K-08-0134	126.14	129.08	QTZT	QTZT	Non-Mineralized	N-AML	730	0.69	<5	6			110	<20	0.18	<10	<10	58	<10		
E754028	K-08-0134	120.09	123.04	QTZT	QTZT	Non-Mineralized	N-AML	470	0.27	<5	3			70	<20	0.11	<10	<10	29	<10		
E754029	K-08-0134	123.04	126.14	QTZT	QTZT	Non-Mineralized	N-AML	720	0.51	<5	4			92	<20	0.14	<10	<10	39	<10		
E754045	K-08-0134	160.87	163.59	QTZT	QTZT	Non-Mineralized	N-AML	670	0.33	<5	6			130	<20	0.2	<10	<10	60	<10		
E754038	K-08-0134	142.9	145.9	QTZT	QTZT	Non-Mineralized	N-AML	290	0.29	<5	3			85	<20	0.12	<10	<10	30	<10		
E754040	K-08-0134	145.9	148.91	QTZT	QTZT	Non-Mineralized	N-AML	700	0.44	<5	10			168	<20	0.3	<10	<10	101	<10		
E754041	K-08-0134	148.91	151.91	QTZT	QTZT	Non-Mineralized	N-AML	710	0.73	<5	8			97	<20	0.25	<10	<10	78	<10		
E754042	K-08-0134	151.91	154.88	QTZT	QTZT	Non-Mineralized	N-AML	820	0.46	<5	7			101	<20	0.23	<10	<10	73	<10		
E754044	K-08-0134	157.8	160.87	QTZT	QTZT	Non-Mineralized	N-AML	700	0.46	<5	6			94	<20	0.21	<10	<10	65	<10		
E754043	K-08-0134	154.88	157.8	QTZT	QTZT	Non-Mineralized	N-AML	340	0.25	<5	3			36	<20	0.14	<10	<10	32	<10		
E754112	K-08-0134	213.44	213.96	QTZT	QTZT	Non-Mineralized	P-AML	1330	1.13	7	15			88	<20	0.4	10	<10	172	<10		
E754116	K-08-0134	215.04	215.54	QTZT	QTZT	Non-Mineralized	P-AML	1430	1.54	<5	17			110	<20	0.5	10	<10	189	<10		
E754101	K-08-0134	215.54	216.1	QTZT	QTZT	Non-Mineralized	P-AML	1340	1.24	13	15			75	<20	0.35	<10	<10	161	<10		
E754114	K-08-0134	214.55	215.04	QTZT	QTZT	Non-Mineralized	N-AML	790	1.17	<5	10			64	<20	0.22	<10	<10	106	<10		
E754107	K-08-0134	210.69	211.36	QTZT	QTZT	Non-Mineralized	N-AML	210	2.99	52	1			9	<20	0.03	10	<10	6	<10		
E754118	K-08-0134	216.1	216.6	QTZT	QTZT	Non-Mineralized	N-AML	490	1.7	<5	5			19	<20	0.14	<10	<10	61	<10		
E754054	K-08-0134	176.43	177.59	QTZT	QTZT	Non-Mineralized	N-AML	3420	1.55	10	9			77	<20	0.28	<10	<10	109	<10		
E754128	K-08-0134	221.76	222.66	QTZT	QTZT	Non-Mineralized	N-AML	360	0.33	<5	6			38	<20	0.23	<10	<10	69	10		
E754139	K-08-0134	233.53	234.3899	QTZT	QTZT	Non-Mineralized	N-AML	210	0.08	<5	2			24	<20	0.11	<10	<10	22	10		
E754138	K-08-0134	231.21	233.53	QTZT	QTZT	Non-Mineralized	N-AML	420	0.33	<5	4			63	<20	0.14	<10	<10	33	<10		
E754136	K-08-0134	230.27	231.21	QTZT	QTZT	Non-Mineralized	N-AML	280	0.33	<5	6			40	<20	0.22	<10	<10	61	<10		
E754135	K-08-0134	229.24	230.27	QTZT	QTZT	Non-Mineralized	N-AML	400	0.34	<5	4			29	<20	0.21	<10	<10	48	<10		
E754134	K-08-0134	228.22	229.24	QTZT	QTZT	Non-Mineralized	N-AML	280	0.24	<5	1			10	<20	0.07	<10	<10	7	<10		
E754131	K-08-0134	224.74	226.2	QTZT	QTZT	Non-Mineralized	N-AML	160	0.11	<5	2			12	<20	0.12	<10	<10	23	<10		
E754133	K-08-0134	226.2	228.22	QTZT	QTZT	Non-Mineralized	N-AML	140	0.11	<5	1			5	<20	0.09	<10	<10	8	<10		
E754129	K-08-0134	222.66	223.67	QTZT	QTZT	Non-Mineralized	N-AML	330	0.16	<5	6			38	<20	0.23	<10	<10	70	10		
E754126	K-08-0134	221.13	221.76	QTZT	QTZT	Non-Mineralized	N-AML	300	0.31	<5	5			35	<20	0.2	<10	<10	62	10		
E754125	K-08-0134	220.68	221.13	QTZT	QTZT	Non-Mineralized	N-AML	710	1.27	15	10			42	<20	0.19	<10	<10	90	<10		
E754124	K-08-0134	220.07	220.68	QTZT	QTZT	Non-Mineralized	N-AML	670	0.99	<5	5			23	<20	0.17	<10	<10	54	<10		
E754123	K-08-0134	219	220.07	QTZT	QTZT	Non-Mineralized	N-AML	170	0.42	<5	1			3	<20	0.08	<10	<10	10	10		
E754122	K-08-0134	218.36	219	QTZT	QTZT	Non-Mineralized	N-AML	570	0.74	<5	2			6	<20	0.11	<10	<10	25	<10		
E754121	K-08-0134	217.8	218.36	QTZT	QTZT	Non-Mineralized	N-AML	270	0.8	<5	3			10	<20	0.15	<10	<10	32	<10		
E754120	K-08-0134	217.12	217.8	QTZT	QTZT	Non-Mineralized	N-AML	100	0.73	<5	1			2	<20	0.06	<10	<10	5	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E754130	K-08-0134	223.67	224.74	QTZT	QTZT	Non-Mineralized	N-AML	140	0.06	<5	2			10	<20	0.12	<10	<10	21	<10		
E754047	K-08-0134	165.64	168.61	QTZT	QTZT	Non-Mineralized	N-AML	190	0.14	<5	2			29	<20	0.12	<10	<10	22	<10		
E754056	K-08-0134	178.63	179.95	QTZT	QTZT	Non-Mineralized	N-AML	370	0.51	<5	3			29	<20	0.11	<10	<10	37	<10		
E754048	K-08-0134	168.61	171.61	QTZT	QTZT	Non-Mineralized	N-AML	300	0.62	<5	2			24	<20	0.12	<10	<10	24	<10		
E754049	K-08-0134	171.61	172.69	QTZT	QTZT	Non-Mineralized	N-AML	340	0.87	<5	5			49	<20	0.18	<10	<10	49	<10		
E754074	K-08-0134	193.25	194.25	QTZT	QTZT	Non-Mineralized	N-AML	130	0.28	<5	1			3	<20	0.03	<10	<10	4	10		
E754070	K-08-0134	189.97	190.98	QTZT	QTZT	Non-Mineralized	N-AML	270	0.6	5	6			35	<20	0.18	<10	<10	59	10		
E754069	K-08-0134	188.97	189.97	QTZT	QTZT	Non-Mineralized	N-AML	130	0.35	<5	2			11	<20	0.08	<10	<10	22	<10		
E754068	K-08-0134	187.96	188.97	QTZT	QTZT	Non-Mineralized	N-AML	200	0.29	<5	2			14	<20	0.12	<10	<10	25	10		
E754051	K-08-0134	172.69	173.63	QTZT	QTZT	Non-Mineralized	P-AML	1110	0.59	5	13			139	20	0.47	<10	<10	148	<10		
E754065	K-08-0134	185.98	186.98	QTZT	QTZT	Non-Mineralized	N-AML	340	0.88	<5	3			22	<20	0.11	<10	<10	33	10		
E754063	K-08-0134	183.95	184.98	QTZT	QTZT	Non-Mineralized	N-AML	320	1.18	5	4			39	<20	0.15	<10	<10	46	<10		
E754062	K-08-0134	182.98	183.95	QTZT	QTZT	Non-Mineralized	N-AML	320	0.4	<5	3			25	<20	0.12	<10	<10	31	10		
E754060	K-08-0134	180.91	181.81	QTZT	QTZT	Non-Mineralized	N-AML	180	1.88	<5	2			13	<20	0.07	<10	<10	22	<10		
E754055	K-08-0134	177.59	178.63	QTZT	QTZT	Non-Mineralized	N-AML	590	0.43	<5	4			45	<20	0.14	<10	<10	42	<10		
E754053	K-08-0134	175.61	176.43	QTZT	QTZT	Non-Mineralized	N-AML	370	0.29	<5	3			24	<20	0.13	<10	<10	35	<10		
E754052	K-08-0134	173.63	175.61	QTZT	QTZT	Non-Mineralized	N-AML	100	0.11	<5	1			2	<20	0.08	<10	<10	6	<10		
E754067	K-08-0134	186.98	187.96	QTZT	QTZT	Non-Mineralized	N-AML	520	1.31	5	6			40	<20	0.18	<10	<10	56	10		
E754093	K-08-0134	204.59	205.08	QTZT	QTZT	Non-Mineralized	N-AML	350	1.72	5	4			23	<20	0.08	10	<10	35	<10		
E754091	K-08-0134	204.24	204.59	QTZT	QTZT	Non-Mineralized	N-AML	10	0.24	<5	3			8	<20	0.01	20	10	5	<10		
E754075	K-08-0134	194.25	195	QTZT	QTZT	Non-Mineralized	N-AML	110	0.25	<5	1			3	<20	0.05	10	<10	6	10		
E754088	K-08-0134	202.43	203.08	QTZT	QTZT	Non-Mineralized	N-AML	130	3.65	13	2			11	<20	0.04	<10	<10	15	<10		
E754085	K-08-0134	201.34	201.77	QTZT	QTZT	Non-Mineralized	N-AML	60	8.34	35	1			2	<20	0.01	10	<10	6	<10		
E754082	K-08-0134	199.35	200.75	QTZT	QTZT	Non-Mineralized	N-AML	610	0.95	7	8			44	<20	0.21	10	<10	85	<10		
E754081	K-08-0134	198.39	199.35	QTZT	QTZT	Non-Mineralized	N-AML	400	0.77	<5	8			53	<20	0.24	<10	<10	96	<10		
E754061	K-08-0134	181.81	182.98	QTZT	QTZT	Non-Mineralized	N-AML	130	0.25	<5	1			4	<20	0.05	<10	<10	5	<10		
E770048	K-08-0135	28.23	30.76	QTZT	QTZT	Non-Mineralized	N-AML	310	0.13	<5	3			38	<20	0.1	<10	<10	22	<10		
E770051	K-08-0135	32.69	35.95	QTZT	QTZT	Non-Mineralized	N-AML	340	0.06	<5	4			89	<20	0.14	<10	<10	38	<10		
E770052	K-08-0135	35.95	38.95	QTZT	QTZT	Non-Mineralized	N-AML	550	0.09	<5	9			157	<20	0.28	10	<10	83	<10		
E770053	K-08-0135	38.95	41.95	QTZT	QTZT	Non-Mineralized	N-AML	700	0.25	5	6			145	<20	0.21	<10	<10	61	<10		
E770054	K-08-0135	41.95	44.95	QTZT	QTZT	Non-Mineralized	N-AML	580	0.27	<5	7			151	<20	0.25	<10	<10	74	<10		
E770055	K-08-0135	44.95	47.95	QTZT	QTZT	Non-Mineralized	N-AML	570	0.1	<5	7			134	<20	0.19	<10	<10	64	<10		
E770057	K-08-0135	47.95	51.16	QTZT	QTZT	Non-Mineralized	N-AML	360	0.4	<5	5			89	<20	0.16	<10	<10	48	<10		
E770059	K-08-0135	53.5	55.75	QTZT	QTZT	Non-Mineralized	N-AML	430	0.48	<5	8			95	<20	0.28	<10	<10	77	<10		
E770137	K-08-0135	176	177	QTZT	QTZT	Non-Mineralized	N-AML	230	0.31	<5	1			7	<20	0.07	<10	<10	12	<10		
E770138	K-08-0135	177	178	QTZT	QTZT	Non-Mineralized	N-AML	330	0.32	<5	1			9	<20	0.07	<10	<10	14	<10		
E770139	K-08-0135	178	179	QTZT	QTZT	Non-Mineralized	N-AML	310	0.09	<5	1			3	<20	0.06	<10	<10	5	<10		
E770140	K-08-0135	179	180.139	QTZT	QTZT	Non-Mineralized	N-AML	290	0.13	<5	1			4	<20	0.05	<10	<10	7	<10		
E602634	K-08-0136	9.81	12.57	QTZT	QTZT	Non-Mineralized	N-AML	220	0.04	<5	1			7	<20	0.06	<10	<10	7	<10		
E602633	K-08-0136	8	9.81	QTZT	QTZT	Non-Mineralized	N-AML	220	0.02	<5	1			10	<20	0.06	<10	<10	8	<10		
E602632	K-08-0136	6.1	8	QTZT	QTZT	Non-Mineralized	N-AML	340	0.01	<5	1			15	<20	0.08	<10	<10	15	<10		
E602650	K-08-0136	42.52	45.5	QTZT	QTZT	Non-Mineralized	N-AML	280	0.09	<5	4			52	<20	0.13	<10	<10	37	<10		
E602653	K-08-0136	51.5	54.5	QTZT	QTZT	Non-Mineralized	N-AML	380	0.09	<5	6			112	<20	0.18	<10	<10	57	<10		
E602652	K-08-0136	48.5	51.5	QTZT	QTZT	Non-Mineralized	N-AML	420	0.07	<5	2			33	<20	0.08	<10	<10	25	<10		
E602651	K-08-0136	45.5	48.5	QTZT	QTZT	Non-Mineralized	N-AML	250	0.07	<5	1			31	<20	0.06	<10	<10	13	<10		
E602686	K-08-0136	116.04	118.26	QTZT	QTZT	Non-Mineralized	N-AML	110	0.15	<5	1			9	<20	0.09	<10	<10	10	<10		
E602688	K-08-0136	118.26	120.85	QTZT	QTZT	Non-Mineralized	N-AML	60	0.06	<5	<1			10	<20	0.06	<10	<10	4	<10		
E602689	K-08-0136	120.85	123	QTZT	QTZT	Non-Mineralized	N-AML	290	0.35	<5	2			47	<20	0.12	<10	<10	25	<10		
E602694	K-08-0136	128.26	130.05	QTZT	QTZT	Non-Mineralized	N-AML	210	0.32	<5	2			22	<20	0.11	<10	<10	19	<10		
E602692	K-08-0136	126.26	128.26	QTZT	QTZT	Non-Mineralized	N-AML	240	0.55	<5	3			31	<20	0.12	<10	<10	29	<10		
E602691	K-08-0136	124.26	126.26	QTZT	QTZT	Non-Mineralized	N-AML	410	0.33	<5	4			110	<20	0.17	<10	<10	46	<10		
E602698	K-08-0136	136	139	QTZT	QTZT	Non-Mineralized	N-AML	350	0.36	<5	2			53	<20	0.1	<10	<10	26	<10		
E602697	K-08-0136	133.14	136	QTZT	QTZT	Non-Mineralized	N-AML	80	0.1	<5	1			3	<20	0.05	<10	<10	5	<10		
E602696	K-08-0136	131.56	133.14	QTZT	QTZT	Non-Mineralized	N-AML	100	0.18	<5	1			6	<20	0.06	<10	<10	6	<10		
E602695	K-08-0136	130.05	131.56	QTZT	QTZT	Non-Mineralized	N-AML	340	0.7	<5	3			64	<20	0.11	<10	<10	30	<10		
E602707	K-08-0136	153.79	155.48	QTZT	QTZT	Non-Mineralized	N-AML	250	0.35	<5	2			11	<20	0.1	<10	<10	20	<10		
E602706	K-08-0136	151.79	153.79	QTZT	QTZT	Non-Mineralized	N-AML	250	0.32	<5	1			27	<20	0.07	<10	<10	12	<10		
E602705	K-08-0136	149.77	151.79	QTZT	QTZT	Non-Mineralized	N-AML	250	0.09	<5	1			22	<20	0.05	<10	<10	7	<10		
E602704	K-08-0136	147.69	149.77	QTZT	QTZT	Non-Mineralized	N-AML	340	0.18	<5	2			37	<20	0.09	<10	<10	20	<10		
E602703	K-08-0136	145.69	147.69	QTZT	QTZT	Non-Mineralized	N-AML	360	0.27	<5	2			62	<20	0.11	<10	<10	26	<10		
E602701	K-08-0136	143.5	145.69	QTZT	QTZT	Non-Mineralized	N-AML	200	0.15	<5	1			27	<20	0.07	<10	<10	15	<10		
E602700	K-08-0136	141.27	143.5	QTZT	QTZT	Non-Mineralized	N-AML	200	0.16	<5	2			39	<20	0.09	<10	<10	22	<10		
E602716	K-08-0136	164.7	167.03	QTZT	QTZT	Non-Mineralized	N-AML	280	0.27	<5	2			13	<20	0.09	<10	<10	21	<10		
E602715	K-08-0136	162.3	164.7	QTZT	QTZT	Non-Mineralized	N-AML	180	0.63	7	2			13	<20	0.1	<10	<10	23	<10		
E602714	K-08-0136	160.2	162.3	QTZT	QTZT	Non-Mineralized	N-AML	520	0.97	9	7			44	<20	0.22	10	<10	72	<10		
E602712	K-08-0136	157.7	158.2	QTZT	QTZT	Non-Mineralized	N-AML	390	1.23	21	4			26	<20	0.13	<10	<10	43	<10		
E602713	K-08-0136	158.2	160.2	QTZT	QTZT	Non-Mineralized	N-AML	480	0.63	<5	3			23	<20	0.12	10	<10	33	<10		
E602721	K-08-0136	173	174.34	QTZT	QTZT	Non-Mineralized	N-AML	270	0.16	<5	1			9	<20	0.07	<10	<10	15	<10		
E602720	K-08-0136	171	173	QTZT	QTZT	Non-Mineralized	N-AML	270	0.22	<5	2			15	<20	0.11	<10	<10	26	<10		
E602719	K-08-0136	169	171	QTZT	QTZT	Non-Mineralized	N-AML	180	0.17	<5	2			10	<20	0.08	<10	<10	15	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E602717	K-08-0136	167.03	169	QTZT	QTZT	Non-Mineralized	N-AML	150	0.15	<5	1			8	<20	0.09	<10	<10	14	<10		
E602729	K-08-0136	182.27	184	QTZT	QTZT	Non-Mineralized	N-AML	150	1.06	<5	1			7	<20	0.05	<10	<10	8	<10		
E602732	K-08-0136	187.19	189.18	QTZT	QTZT	Non-Mineralized	N-AML	190	0.05	<5	2			3	<20	0.11	<10	<10	17	<10		
E602731	K-08-0136	185.32	187.19	QTZT	QTZT	Non-Mineralized	N-AML	330	0.24	5	4			15	<20	0.13	<10	<10	38	<10		
E602740	K-08-0136	198.21	199.53	QTZT	QTZT	Non-Mineralized	P-AML	560	0.19	<5	7			82	<20	0.25	10	<10	96	<10		
E602739	K-08-0136	195.93	198.21	QTZT	QTZT	Non-Mineralized	N-AML	100	0.08	<5	2			15	<20	0.1	10	<10	24	<10		
E602754	K-08-0136	226	228.21	QTZT	QTZT	Non-Mineralized	N-AML	90	0.02	<5	<1			7	<20	0.04	<10	<10	3	<10		
E602753	K-08-0136	223	226	QTZT	QTZT	Non-Mineralized	N-AML	80	0.01	<5	<1			7	<20	0.03	<10	<10	3	<10		
E602752	K-08-0136	220	223	QTZT	QTZT	Non-Mineralized	N-AML	110	0.02	<5	1			20	<20	0.08	<10	<10	19	<10		
E602751	K-08-0136	217	220	QTZT	QTZT	Non-Mineralized	N-AML	100	0.04	<5	2			12	<20	0.07	<10	<10	16	<10		
E602750	K-08-0136	214	217	QTZT	QTZT	Non-Mineralized	N-AML	140	0.03	<5	1			7	<20	0.06	<10	<10	8	<10		
E602748	K-08-0136	210.8	214	QTZT	QTZT	Non-Mineralized	N-AML	50	0.01	<5	1			4	<20	0.05	<10	<10	5	<10		
E602746	K-08-0136	205.93	208.12	QTZT	QTZT	Non-Mineralized	N-AML	150	0.07	<5	2			12	<20	0.12	<10	<10	24	<10		
E602747	K-08-0136	208.12	210.8	QTZT	QTZT	Non-Mineralized	N-AML	70	0.01	<5	1			7	<20	0.05	<10	<10	6	<10		
E602758	K-08-0136	232	233.7	QTZT	QTZT	Non-Mineralized	N-AML	80	0.03	<5	1			11	<20	0.09	<10	<10	13	<10		
E602757	K-08-0136	230.15	232	QTZT	QTZT	Non-Mineralized	N-AML	60	0.02	<5	<1			4	<20	0.06	<10	<10	4	<10		
E602761	K-08-0136	238	240.4799	QTZT	QTZT	Non-Mineralized	N-AML	90	0.03	<5	1			4	<20	0.06	<10	<10	8	<10		
E602760	K-08-0136	235.08	238	QTZT	QTZT	Non-Mineralized	N-AML	180	0.13	<5	3			22	<20	0.14	<10	<10	31	<10		
E602762	K-08-0137	81.69	84.73	QTZT	QTZT	Non-Mineralized	N-AML	640	0.31	<5	6			88	<20	0.23	<10	<10	68	<10		
E602790	K-08-0137	128.9	130.45	QTZT	QTZT	Non-Mineralized	N-AML	550	1.47	11	7			32	<20	0.19	<10	<10	75	<10		
E602781	K-08-0137	118.26	121.31	QTZT	QTZT	Non-Mineralized	N-AML	80	0.17	<5	<1			2	<20	0.05	<10	<10	4	<10		
E602782	K-08-0137	121.31	123.09	QTZT	QTZT	Non-Mineralized	N-AML	130	0.19	5	1			2	<20	0.06	<10	<10	7	<10		
E602780	K-08-0137	115.21	118.26	QTZT	QTZT	Non-Mineralized	N-AML	140	0.36	<5	1			8	<20	0.07	<10	<10	12	<10		
E602783	K-08-0137	123.09	123.75	QTZT	QTZT	Non-Mineralized	N-AML	290	0.27	9	1			2	<20	0.06	<10	<10	11	10		
E602778	K-08-0137	112.17	115.21	QTZT	QTZT	Non-Mineralized	N-AML	160	0.35	<5	1			14	<20	0.07	<10	<10	14	<10		
E602787	K-08-0137	124.75	125.45	QTZT	QTZT	Non-Mineralized	P-AML	1060	1.16	15	12			115	<20	0.33	<10	<10	125	<10		
E602777	K-08-0137	109.12	112.17	QTZT	QTZT	Non-Mineralized	N-AML	220	0.24	<5	1			9	<20	0.07	<10	<10	12	<10		
E602789	K-08-0137	127.41	128.9	QTZT	QTZT	Non-Mineralized	N-AML	200	0.38	5	1			6	<20	0.1	<10	<10	17	<10		
E602791	K-08-0137	130.45	131.45	QTZT	QTZT	Non-Mineralized	P-AML	830	0.58	17	11			62	<20	0.31	<10	<10	113	<10		
E602788	K-08-0137	125.45	127.41	QTZT	QTZT	Non-Mineralized	N-AML	150	0.15	<5	1			4	<20	0.09	<10	<10	9	<10		
E602776	K-08-0137	106.07	109.12	QTZT	QTZT	Non-Mineralized	N-AML	200	0.34	<5	3			28	<20	0.12	<10	<10	25	<10		
E602775	K-08-0137	103.02	106.07	QTZT	QTZT	Non-Mineralized	N-AML	310	0.44	9	4			46	<20	0.15	<10	<10	41	<10		
E602797	K-08-0137	141.2	144.4	QTZT	QTZT	Non-Mineralized	N-AML	220	0.16	7	3			19	<20	0.13	<10	<10	28	<10		
E602792	K-08-0137	131.45	133.5	QTZT	QTZT	Non-Mineralized	N-AML	130	0.12	<5	1			2	<20	0.07	<10	<10	6	<10		
E602794	K-08-0137	133.5	136.55	QTZT	QTZT	Non-Mineralized	N-AML	110	0.1	<5	1			4	<20	0.08	<10	<10	6	<10		
E602795	K-08-0137	136.55	139.59	QTZT	QTZT	Non-Mineralized	N-AML	200	0.06	<5	<1			4	<20	0.07	<10	<10	5	<10		
E602796	K-08-0137	139.59	141.2	QTZT	QTZT	Non-Mineralized	N-AML	170	0.15	<5	1			7	<20	0.09	<10	<10	8	<10		
E602798	K-08-0137	144.4	145.69	QTZT	QTZT	Non-Mineralized	N-AML	210	0.05	<5	2			19	<20	0.12	<10	<10	21	<10		
E602799	K-08-0137	145.69	148.74	QTZT	QTZT	Non-Mineralized	N-AML	340	0.3	6	5			36	<20	0.16	<10	<10	48	<10		
E602801	K-08-0137	148.74	151.79	QTZT	QTZT	Non-Mineralized	N-AML	280	0.27	<5	3			21	<20	0.13	<10	<10	30	<10		
E602802	K-08-0137	151.79	154.3	QTZT	QTZT	Non-Mineralized	N-AML	220	0.41	<5	2			3	<20	0.09	<10	<10	16	<10		
E602806	K-08-0137	160.93	163.98	QTZT	QTZT	Non-Mineralized	N-AML	460	0.79	<5	5			54	<20	0.16	<10	<10	55	<10		
E602807	K-08-0137	163.98	164.889	QTZT	QTZT	Non-Mineralized	N-AML	300	0.1	9	7			76	<20	0.23	10	<10	110	<10		
E602805	K-08-0137	157.6	160.93	QTZT	QTZT	Non-Mineralized	N-AML	330	0.39	<5	5			31	<20	0.16	<10	<10	58	<10		
E777323	K-08-0138	137.5	138.89	QTZT	QTZT	Non-Mineralized	N-AML	500	0.42	<5	4			65	<20	0.15	<10	<10	45	<10		
E777322	K-08-0138	135	137.5	QTZT	QTZT	Non-Mineralized	N-AML	290	0.16	<5	2			21	<20	0.1	<10	<10	23	<10		
E777321	K-08-0138	132.55	135	QTZT	QTZT	Non-Mineralized	N-AML	390	0.4	<5	2			40	<20	0.09	<10	<10	25	<10		
E777320	K-08-0138	130.4	132.55	QTZT	QTZT	Non-Mineralized	N-AML	380	0.34	<5	2			21	<20	0.1	<10	<10	28	<10		
E777319	K-08-0138	129.92	130.4	QTZT	QTZT	Non-Mineralized	N-AML	230	0.29	<5	2			15	<20	0.07	<10	<10	18	<10		
E777312	K-08-0138	124	125.2	QTZT	QTZT	Non-Mineralized	N-AML	280	0.19	<5	3			25	<20	0.12	<10	<10	31	<10		
E777311	K-08-0138	122.95	124	QTZT	QTZT	Non-Mineralized	N-AML	390	0.25	<5	3			47	<20	0.14	<10	<10	32	<10		
E777326	K-08-0138	145	146.68	QTZT	QTZT	Non-Mineralized	N-AML	610	0.44	<5	3			35	<20	0.14	<10	<10	38	<10		
E777325	K-08-0138	142	145	QTZT	QTZT	Non-Mineralized	N-AML	210	0.3	<5	2			18	<20	0.11	<10	<10	24	<10		
E777324	K-08-0138	138.89	142	QTZT	QTZT	Non-Mineralized	N-AML	130	0.28	<5	1			6	<20	0.06	<10	<10	8	<10		
E777329	K-08-0138	148.5	149.5	QTZT	QTZT	Non-Mineralized	N-AML	120	1.37	31	1			3	<20	0.05	<10	<10	8	<10		
E777331	K-08-0138	150.2	151.5	QTZT	QTZT	Non-Mineralized	N-AML	60	0.16	<5	1			3	<20	0.06	<10	<10	5	<10		
E777328	K-08-0138	147.75	148.5	QTZT	QTZT	Non-Mineralized	N-AML	260	1.01	8	3			14	<20	0.1	<10	<10	28	<10		
E777330	K-08-0138	149.5	150.2	QTZT	QTZT	Non-Mineralized	N-AML	60	0.08	<5	1			3	<20	0.05	<10	<10	4	<10		
E777343	K-08-0138	157.27	158.27	QTZT	QTZT	Non-Mineralized	N-AML	320	1.2	5	2			4	<20	0.06	<10	<10	13	<10		
E777345	K-08-0138	158.27	160.38	QTZT	QTZT	Non-Mineralized	N-AML	190	0.19	<5	1			5	<20	0.05	<10	<10	6	<10		
E770141	K-08-0139	43.57	43.87	QTZT	QTZT	Non-Mineralized	N-AML	220	0.04	<5	1			10	<20	0.04	<10	<10	9	<10		
E770147	K-08-0139	110.1	111.1	QTZT	QTZT	Non-Mineralized	N-AML	100	0.31	<5	1			3	<20	0.07	<10	<10	8	<10		
E770158	K-08-0139	119.79	120.9	QTZT	QTZT	Non-Mineralized	N-AML	170	0.09	<5	1			6	<20	0.05	<10	<10	6	<10		
E770157	K-08-0139	118.7	119.79	QTZT	QTZT	Non-Mineralized	N-AML	120	0.08	<5	1			5	<20	0.06	<10	<10	6	<10		
E770156	K-08-0139	117.6	118.7	QTZT	QTZT	Non-Mineralized	N-AML	340	0.17	<5	1			7	<20	0.06	<10	<10	9	<10		
E770155	K-08-0139	116.5	117.6	QTZT	QTZT	Non-Mineralized	N-AML	110	0.1	<5	1			4	<20	0.06	<10	<10	4	<10		
E770153	K-08-0139	115.4	116.5	QTZT	QTZT	Non-Mineralized	N-AML	250	0.35	7	2			8	<20	0.09	<10	<10	16	<10		
E770152	K-08-0139	114.3	115.4	QTZT	QTZT	Non-Mineralized	N-AML	110	0.3	<5	1			6	<20	0.06	<10	<10	7	<10		
E770149	K-08-0139	112.17	113.2	QTZT	QTZT	Non-Mineralized	N-AML	90	0.17	<5	1			3	<20	0.05	<10	<10	5	<10		
E770148	K-08-0139	111.1	112.17	QTZT	QTZT	Non-Mineralized	N-AML	90	0.14	<5	1			3	<20	0.06	<10	<10	6	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E770151	K-08-0139	113.2	114.3	QTZT	QTZT	Non-Mineralized	N-AML	130	0.13	<5	2			13	<20	0.07	<10	<10	17	<10		
E770160	K-08-0139	121.5	122.5	QTZT	QTZT	Non-Mineralized	N-AML	340	0.46	<5	3			37	<20	0.12	10	<10	38	<10		
E770169	K-08-0139	135.83	137	QTZT	QTZT	Non-Mineralized	N-AML	360	0.25	<5	2			32	<20	0.1	<10	<10	25	<10		
E770176	K-08-0139	141.5	142.45	QTZT	QTZT	Non-Mineralized	N-AML	420	0.9	13	4			19	<20	0.11	10	<10	39	10		
E770174	K-08-0139	140.6	141.5	QTZT	QTZT	Non-Mineralized	N-AML	110	1.1	5	<1			2	<20	0.03	<10	<10	4	<10		
E770181	K-08-0139	154.84	155.97	QTZT	QTZT	Non-Mineralized	N-AML	380	0.77	<5	5			13	<20	0.15	<10	<10	45	<10		
E770180	K-08-0139	151.79	154.84	QTZT	QTZT	Non-Mineralized	N-AML	270	0.11	<5	3			29	<20	0.15	<10	<10	29	<10		
E770179	K-08-0139	148.74	151.79	QTZT	QTZT	Non-Mineralized	N-AML	330	0.3	<5	3			27	<20	0.11	<10	<10	26	<10		
E770178	K-08-0139	145.69	148.74	QTZT	QTZT	Non-Mineralized	N-AML	150	0.15	<5	1			11	<20	0.09	<10	<10	13	<10		
E770185	K-08-0139	164.4	166.57	QTZT	QTZT	Non-Mineralized	N-AML	280	0.43	<5	4			36	<20	0.12	<10	<10	46	<10		
E770184	K-08-0139	161.9	164.4	QTZT	QTZT	Mineralized	P-AML	420	0.05	<5	6			67	<20	0.19	<10	<10	69	10		
E770188	K-08-0139	169.75	171.86	QTZT	QTZT	Mineralized	P-AML	200	0.05	<5	2			31	<20	0.11	<10	<10	30	10		
E770187	K-08-0139	167.03	169.75	QTZT	QTZT	Mineralized	P-AML	340	0.24	<5	7			54	<20	0.19	<10	<10	99	10		
E770197	K-08-0139	188.8	191.8	QTZT	QTZT	Non-Mineralized	N-AML	80	0.02	<5	1			9	<20	0.05	<10	<10	9	<10		
E770196	K-08-0139	185.8	188.8	QTZT	QTZT	Non-Mineralized	N-AML	180	0.03	<5	1			7	<20	0.07	<10	<10	12	<10		
E770194	K-08-0139	182.8	185.8	QTZT	QTZT	Non-Mineralized	N-AML	70	0.02	<5	1			10	<20	0.06	<10	<10	9	<10		
E770193	K-08-0139	179.8	182.8	QTZT	QTZT	Mineralized	P-AML	80	0.02	<5	1			21	<20	0.08	<10	<10	13	<10		
E770199	K-08-0139	191.8	194.8	QTZT	QTZT	Non-Mineralized	N-AML	70	0.02	<5	<1			6	<20	0.03	<10	<10	4	<10		
E770201	K-08-0139	196.8	198.74	QTZT	QTZT	Non-Mineralized	N-AML	60	0.07	<5	<1			10	<20	0.08	<10	<10	5	<10		
E770200	K-08-0139	194.8	196.8	QTZT	QTZT	Non-Mineralized	N-AML	80	0.02	<5	<1			7	<20	0.05	<10	<10	5	<10		
E770203	K-08-0139	199.97	201.29	QTZT	QTZT	Non-Mineralized	N-AML	400	0.3	<5	4			46	<20	0.18	<10	<10	47	<10		
E770207	K-08-0139	205	207.44	QTZT	QTZT	Non-Mineralized	N-AML	110	0.06	<5	<1			2	<20	0.05	<10	<10	4	<10		
E770206	K-08-0139	202.38	205	QTZT	QTZT	Non-Mineralized	N-AML	140	0.04	<5	2			21	<20	0.11	<10	<10	29	<10		
E770210	K-08-0139	208.1	209.91	QTZT	QTZT	Non-Mineralized	N-AML	100	0.01	<5	<1			3	<20	0.04	<10	<10	4	<10		
E754174	K-08-0140	166	168	QTZT	QTZT	Non-Mineralized	P-AML	520	0.12	<5	7			61	<20	0.27	<10	<10	74	<10		
E754177	K-08-0140	170	170.75	QTZT	QTZT	Non-Mineralized	N-AML	340	0.16	<5	6			22	<20	0.19	<10	<10	62	<10		
E754175	K-08-0140	168	169	QTZT	QTZT	Non-Mineralized	N-AML	390	0.17	<5	5			30	<20	0.19	<10	<10	50	<10		
E754173	K-08-0140	164	166	QTZT	QTZT	Non-Mineralized	N-AML	200	0.1	<5	2			18	<20	0.12	<10	<10	17	<10		
E754172	K-08-0140	162	164	QTZT	QTZT	Non-Mineralized	N-AML	620	0.61	<5	6			64	<20	0.23	<10	<10	69	<10		
E754171	K-08-0140	160	162	QTZT	QTZT	Non-Mineralized	N-AML	390	0.27	<5	5			67	<20	0.17	<10	<10	51	<10		
E754170	K-08-0140	158	160	QTZT	QTZT	Non-Mineralized	N-AML	560	0.29	6	2			27	<20	0.08	10	<10	24	<10		
E754168	K-08-0140	156	158	QTZT	QTZT	Non-Mineralized	N-AML	270	0.15	5	1			11	<20	0.06	<10	<10	11	<10		
E754176	K-08-0140	169	170	QTZT	QTZT	Non-Mineralized	N-AML	320	0.08	<5	3			14	<20	0.14	<10	<10	31	<10		
E754167	K-08-0140	154	156	QTZT	QTZT	Non-Mineralized	N-AML	210	0.12	<5	1			8	<20	0.06	<10	<10	12	<10		
E754165	K-08-0140	152	154	QTZT	QTZT	Non-Mineralized	N-AML	80	0.07	<5	1			3	<20	0.05	<10	<10	6	<10		
E754164	K-08-0140	151.25	152	QTZT	QTZT	Non-Mineralized	N-AML	130	0.09	<5	1			6	<20	0.07	<10	<10	9	<10		
E754194	K-08-0140	189	190	QTZT	QTZT	Non-Mineralized	P-AML	620	0.55	7	9			71	<20	0.3	<10	<10	104	<10		
E754182	K-08-0140	178	180	QTZT	QTZT	Non-Mineralized	N-AML	500	0.26	<5	4			38	<20	0.15	<10	<10	45	<10		
E754184	K-08-0140	180	182	QTZT	QTZT	Non-Mineralized	N-AML	560	0.4	<5	4			64	<20	0.14	<10	<10	45	<10		
E754185	K-08-0140	182	183	QTZT	QTZT	Non-Mineralized	N-AML	180	0.15	<5	1			4	<20	0.06	<10	<10	9	<10		
E754190	K-08-0140	186	187	QTZT	QTZT	Non-Mineralized	N-AML	220	0.48	<5	1			10	<20	0.09	<10	<10	15	<10		
E754188	K-08-0140	184	185	QTZT	QTZT	Non-Mineralized	N-AML	400	0.31	<5	1			8	<20	0.07	<10	<10	14	<10		
E754189	K-08-0140	185	186	QTZT	QTZT	Non-Mineralized	N-AML	320	0.41	<5	3			23	<20	0.13	<10	<10	34	<10		
E754181	K-08-0140	176	178	QTZT	QTZT	Non-Mineralized	N-AML	550	0.4	<5	3			55	<20	0.11	<10	<10	37	<10		
E754191	K-08-0140	187	188	QTZT	QTZT	Non-Mineralized	P-AML	760	0.67	<5	8			74	<20	0.31	<10	<10	95	<10		
E754186	K-08-0140	183	184	QTZT	QTZT	Non-Mineralized	N-AML	160	0.12	<5	1			3	<20	0.05	<10	<10	6	<10		
E754180	K-08-0140	173	176	QTZT	QTZT	Non-Mineralized	N-AML	470	0.25	<5	5			51	<20	0.24	<10	<10	65	<10		
E754195	K-08-0140	190	191	QTZT	QTZT	Non-Mineralized	N-AML	180	0.27	<5	2			13	<20	0.11	<10	<10	24	<10		
E754196	K-08-0140	191	192	QTZT	QTZT	Non-Mineralized	N-AML	150	0.64	<5	2			8	<20	0.06	<10	<10	16	<10		
E754204	K-08-0140	197.62	198.9	QTZT	QTZT	Non-Mineralized	N-AML	230	0.58	<5	1			3	<20	0.11	<10	<10	14	<10		
E754203	K-08-0140	196.77	197.62	QTZT	QTZT	Non-Mineralized	N-AML	230	1.13	<5	2			8	<20	0.08	<10	<10	15	<10		
E754202	K-08-0140	195.99	196.77	QTZT	QTZT	Non-Mineralized	N-AML	410	0.42	6	5			34	<20	0.2	<10	<10	54	<10		
E754201	K-08-0140	194.77	195.99	QTZT	QTZT	Non-Mineralized	N-AML	70	1	11	1			2	<20	0.04	<10	<10	5	<10		
E754200	K-08-0140	193.24	194.77	QTZT	QTZT	Non-Mineralized	P-AML	1120	0.43	10	14			121	<20	0.4	10	<10	167	<10		
E754197	K-08-0140	192	192.5	QTZT	QTZT	Non-Mineralized	N-AML	240	0.31	<5	3			16	<20	0.1	<10	<10	25	<10		
E754215	K-08-0140	208	209.19	QTZT	QTZT	Mineralized	P-AML	830	0.03	<5	6			48	<20	0.25	<10	<10	70	<10		
E754208	K-08-0140	202.47	204	QTZT	QTZT	Mineralized	P-AML	600	0.57	18	10			90	<20	0.27	<10	<10	135	<10		
E754216	K-08-0140	209.19	210.36	QTZT	QTZT	Non-Mineralized	N-AML	590	0.57	10	24			215	<20	0.78	<10	<10	255	<10		
E754214	K-08-0140	207	208	QTZT	QTZT	Non-Mineralized	N-AML	400	0.03	<5	4			29	<20	0.17	<10	<10	52	<10		
E754212	K-08-0140	206	207	QTZT	QTZT	Non-Mineralized	N-AML	90	0.01	<5	3			17	<20	0.11	<10	<10	46	<10		
E754210	K-08-0140	204	205	QTZT	QTZT	Non-Mineralized	N-AML	110	1.85	7	2			13	<20	0.08	<10	<10	32	<10		
E754207	K-08-0140	201.46	202.47	QTZT	QTZT	Non-Mineralized	N-AML	270	0.28	<5	5			8	<20	0.17	<10	<10	60	<10		
E754211	K-08-0140	205	206	QTZT	QTZT	Non-Mineralized	N-AML	250	0.68	5	5			49	<20	0.18	<10	<10	83	<10		
E754224	K-08-0140	220	222.2	QTZT	QTZT	Non-Mineralized	N-AML	80	0.01	<5	1			9	<20	0.05	<10	<10	6	<10		
E754223	K-08-0140	218	220	QTZT	QTZT	Non-Mineralized	N-AML	80	0.02	<5	1			11	<20	0.06	<10	<10	9	10		
E754222	K-08-0140	216.26	218	QTZT	QTZT	Non-Mineralized	N-AML	60	0.005	<5	1			5	<20	0.05	<10	<10	6	<10		
E754221	K-08-0140	214.75	216.26	QTZT	QTZT	Non-Mineralized	N-AML	110	0.05	<5	3			22	<20	0.13	<10	<10	30	<10		
E770224	K-08-0141	71.38	73.26	QTZT	QTZT	Non-Mineralized	N-AML	200	0.13	<5	1			30	<20	0.04	<10	<10	8	<10		
E770223	K-08-0141	69.27	71.38	QTZT	QTZT	Non-Mineralized	N-AML	170	0.15	<5	1			16	<20	0.05	<10	<10	5	<10		
E770222	K-08-0141	66.25	69.27	QTZT	QTZT	Non-Mineralized	N-AML	230	0.13	<5	1			14	<20	0.08	<10	<10	12	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E770228	K-08-0141	78.97	81.94	QTZT	QTZT	Non-Mineralized	N-AML	260	0.09	<5	2			28	<20	0.09	<10	<10	17	<10		
E770227	K-08-0141	75.92	78.97	QTZT	QTZT	Non-Mineralized	P-AML	740	0.67	<5	11			149	<20	0.33	<10	<10	110	<10		
E770229	K-08-0141	81.94	84.89	QTZT	QTZT	Non-Mineralized	N-AML	360	0.16	<5	2			32	<20	0.1	<10	<10	25	<10		
E770230	K-08-0141	84.89	86.54	QTZT	QTZT	Non-Mineralized	N-AML	260	0.11	<5	1			33	<20	0.09	<10	<10	17	<10		
E770245	K-08-0141	104.16	105.16	QTZT	QTZT	Non-Mineralized	N-AML	260	0.05	<5	1			6	<20	0.06	<10	<10	16	<10		
E770244	K-08-0141	103.09	104.16	QTZT	QTZT	Non-Mineralized	N-AML	230	0.2	<5	2			7	<20	0.07	<10	<10	20	<10		
E770243	K-08-0141	102.11	103.09	QTZT	QTZT	Non-Mineralized	N-AML	320	0.07	<5	4			83	<20	0.15	<10	<10	41	<10		
E770242	K-08-0141	101.15	102.11	QTZT	QTZT	Non-Mineralized	N-AML	460	0.15	<5	5			61	<20	0.18	<10	<10	61	<10		
E770241	K-08-0141	100.02	101.15	QTZT	QTZT	Non-Mineralized	N-AML	410	0.14	<5	2			35	<20	0.08	<10	<10	20	<10		
E770234	K-08-0141	90.25	93.23	QTZT	QTZT	Non-Mineralized	N-AML	400	0.33	<5	4			80	<20	0.15	<10	<10	38	<10		
E770274	K-08-0141	119.76	120.42	QTZT	QTZT	Non-Mineralized	N-AML	280	3.47	15	3			11	<20	0.08	<10	<10	35	<10		
E770265	K-08-0141	115.01	115.91	QTZT	QTZT	Non-Mineralized	P-AML	750	0.21	16	9			80	<20	0.35	<10	<10	130	<10		
E777402	K-08-0142	107.43	108.7	QTZT	QTZT	Non-Mineralized	P-AML	780	0.15	14	10			38	<20	0.31	<10	<10	111	<10		
E754232	K-08-0143	154.86	157.8	QTZT	QTZT	Non-Mineralized	N-AML	230	0.33	<5	2			10	<20	0.09	<10	<10	17	<10		
E754231	K-08-0143	151.86	154.86	QTZT	QTZT	Non-Mineralized	N-AML	120	0.17	<5	1			18	<20	0.09	<10	<10	14	10		
E754226	K-08-0143	141.98	142.86	QTZT	QTZT	Non-Mineralized	N-AML	720	0.63	6	7			101	<20	0.21	<10	<10	73	<10		
E754229	K-08-0143	148.86	151.86	QTZT	QTZT	Non-Mineralized	N-AML	320	0.33	<5	3			40	<20	0.11	<10	<10	28	<10		
E754228	K-08-0143	145.86	148.86	QTZT	QTZT	Non-Mineralized	N-AML	360	0.13	<5	2			54	<20	0.08	<10	<10	18	<10		
E754227	K-08-0143	142.86	145.86	QTZT	QTZT	Non-Mineralized	N-AML	290	0.21	<5	3			109	<20	0.09	10	<10	28	<10		
E754238	K-08-0143	168.08	170.38	QTZT	QTZT	Non-Mineralized	N-AML	160	0.19	<5	2			30	<20	0.11	<10	<10	19	<10		
E754239	K-08-0143	170.38	172.03	QTZT	QTZT	Non-Mineralized	N-AML	630	1.54	<5	7			161	<20	0.23	<10	<10	78	10		
E754234	K-08-0143	159.15	162.15	QTZT	QTZT	Non-Mineralized	N-AML	500	0.3	<5	3			84	<20	0.11	<10	<10	29	<10		
E754237	K-08-0143	165.08	168.08	QTZT	QTZT	Non-Mineralized	N-AML	380	0.48	<5	5			130	<20	0.17	<10	<10	51	<10		
E754236	K-08-0143	162.15	165.08	QTZT	QTZT	Non-Mineralized	N-AML	340	0.43	5	4			87	<20	0.13	<10	<10	36	<10		
E754233	K-08-0143	157.8	159.15	QTZT	QTZT	Non-Mineralized	N-AML	840	0.85	5	8			113	<20	0.24	<10	<10	86	<10		
E754246	K-08-0143	172.03	174.66	QTZT	QTZT	Non-Mineralized	N-AML	450	0.42	<5	6			95	<20	0.19	<10	<10	57	<10		
E754251	K-08-0143	186.65	189.63	QTZT	QTZT	Non-Mineralized	N-AML	340	0.13	<5	2			20	<20	0.1	<10	<10	19	<10		
E754248	K-08-0143	177.66	180.66	QTZT	QTZT	Non-Mineralized	N-AML	470	0.29	<5	2			63	<20	0.09	<10	<10	25	<10		
E754249	K-08-0143	180.66	183.65	QTZT	QTZT	Non-Mineralized	N-AML	570	0.41	<5	4			108	<20	0.15	<10	<10	41	10		
E754247	K-08-0143	174.66	177.66	QTZT	QTZT	Non-Mineralized	N-AML	380	0.2	<5	2			49	<20	0.06	<10	<10	15	<10		
E754250	K-08-0143	183.65	186.65	QTZT	QTZT	Non-Mineralized	N-AML	330	0.13	<5	1			30	<20	0.07	<10	<10	15	<10		
E754252	K-08-0143	189.63	192.07	QTZT	QTZT	Non-Mineralized	N-AML	360	0.18	<5	5			41	<20	0.16	<10	<10	46	<10		
E754253	K-08-0143	192.07	194.26	QTZT	QTZT	Non-Mineralized	N-AML	400	1.07	<5	12			113	<20	0.36	<10	<10	116	<10		
E754271	K-08-0143	215.9	217.52	QTZT	QTZT	Non-Mineralized	N-AML	430	0.43	<5	5			19	<20	0.21	<10	<10	49	<10		
E754273	K-08-0143	217.52	219.52	QTZT	QTZT	Non-Mineralized	N-AML	250	0.7	<5	2			6	<20	0.1	<10	<10	14	<10		
E754274	K-08-0143	219.52	220.98	QTZT	QTZT	Non-Mineralized	P-AML	430	0.2	<5	6			14	<20	0.25	<10	<10	62	<10		
E754270	K-08-0143	213.06	215.9	QTZT	QTZT	Non-Mineralized	N-AML	450	0.81	<5	7			62	<20	0.21	<10	<10	65	<10		
E754268	K-08-0143	210.01	212.52	QTZT	QTZT	Non-Mineralized	N-AML	330	7.41	64	1			4	<20	0.03	10	<10	11	<10		
E754265	K-08-0143	208.3	208.85	QTZT	QTZT	Non-Mineralized	N-AML	70	0.85	14	1			1	<20	0.02	10	<10	5	<10		
E754261	K-08-0143	206.68	207.23	QTZT	QTZT	Non-Mineralized	N-AML	100	4.71	36	1			2	<20	0.01	<10	<10	4	<10		
E754260	K-08-0143	205.02	206.68	QTZT	QTZT	Non-Mineralized	N-AML	300	0.65	7	2			14	<20	0.1	<10	<10	24	<10		
E754255	K-08-0143	194.26	197.26	QTZT	QTZT	Non-Mineralized	N-AML	220	0.56	<5	3			29	<20	0.12	<10	<10	33	<10		
E754256	K-08-0143	197.26	200.25	QTZT	QTZT	Non-Mineralized	N-AML	330	0.42	<5	3			34	<20	0.13	<10	<10	30	<10		
E754257	K-08-0143	200.25	202.93	QTZT	QTZT	Non-Mineralized	N-AML	530	0.39	<5	4			41	<20	0.15	<10	<10	45	<10		
E754258	K-08-0143	202.93	203.91	QTZT	QTZT	Non-Mineralized	N-AML	170	0.25	<5	1			4	<20	0.06	<10	<10	5	<10		
E754259	K-08-0143	203.91	205.02	QTZT	QTZT	Non-Mineralized	N-AML	150	0.28	<5	1			4	<20	0.08	<10	<10	5	<10		
E770293	K-08-0145	75.33	77.32	QTZT	QTZT	Non-Mineralized	N-AML	230	0.19	<5	2			41	<20	0.08	<10	<10	17	<10		
E770301	K-08-0145	88.8	89.47	QTZT	QTZT	Non-Mineralized	P-AML	610	0.34	<5	8			88	<20	0.27	<10	<10	88	<10		
E770289	K-08-0145	69.33	71.36	QTZT	QTZT	Non-Mineralized	N-AML	410	0.23	<5	5			63	<20	0.2	<10	<10	60	<10		
E770308	K-08-0145	93.71	94.49	QTZT	QTZT	Non-Mineralized	N-AML	270	0.1	<5	1			11	<20	0.09	<10	<10	14	<10		
E770307	K-08-0145	92.96	93.71	QTZT	QTZT	Non-Mineralized	N-AML	590	0.31	<5	6			73	<20	0.24	10	<10	66	<10		
E770306	K-08-0145	92.1	92.96	QTZT	QTZT	Non-Mineralized	N-AML	220	0.1	<5	2			23	<20	0.1	<10	<10	22	<10		
E770304	K-08-0145	91.3	92.1	QTZT	QTZT	Non-Mineralized	N-AML	210	0.14	<5	3			32	<20	0.14	<10	<10	28	<10		
E770302	K-08-0145	89.47	90.6	QTZT	QTZT	Non-Mineralized	N-AML	220	0.1	<5	2			17	<20	0.13	<10	<10	22	<10		
E770300	K-08-0145	87.17	88.8	QTZT	QTZT	Non-Mineralized	N-AML	190	0.09	<5	1			23	<20	0.08	<10	<10	16	<10		
E770299	K-08-0145	85.17	87.17	QTZT	QTZT	Non-Mineralized	N-AML	230	0.14	<5	2			39	<20	0.08	<10	<10	17	<10		
E770297	K-08-0145	81.33	83.19	QTZT	QTZT	Non-Mineralized	N-AML	140	0.07	<5	1			13	<20	0.06	<10	<10	9	<10		
E770296	K-08-0145	79.33	81.33	QTZT	QTZT	Non-Mineralized	N-AML	330	0.23	<5	3			54	<20	0.11	<10	<10	29	<10		
E770295	K-08-0145	77.32	79.33	QTZT	QTZT	Non-Mineralized	N-AML	400	0.17	<5	4			70	<20	0.17	<10	<10	45	<10		
E770292	K-08-0145	73.33	75.33	QTZT	QTZT	Non-Mineralized	N-AML	180	0.16	<5	1			43	<20	0.08	<10	<10	15	<10		
E770291	K-08-0145	71.36	73.33	QTZT	QTZT	Non-Mineralized	N-AML	280	0.2	<5	2			35	<20	0.08	<10	<10	15	<10		
E770287	K-08-0145	65.36	67.35	QTZT	QTZT	Non-Mineralized	N-AML	660	0.3	<5	7			203	<20	0.23	<10	<10	66	<10		
E770288	K-08-0145	67.35	69.33	QTZT	QTZT	Non-Mineralized	N-AML	220	0.14	<5	2			57	<20	0.1	<10	<10	23	<10		
E770311	K-08-0145	96.54	97.61	QTZT	QTZT	Non-Mineralized	N-AML	200	0.2	<5	2			12	<20	0.1	<10	<10	16	<10		
E770315	K-08-0145	99.5	100.85	QTZT	QTZT	Non-Mineralized	N-AML	300	0.12	<5	2			21	<20	0.12	<10	<10	22	<10		
E770314	K-08-0145	98.97	99.5	QTZT	QTZT	Non-Mineralized	N-AML	290	0.11	<5	2			14	<20	0.1	<10	<10	18	<10		
E770312	K-08-0145	97.61	98.97	QTZT	QTZT	Non-Mineralized	N-AML	170	0.08	<5	1			6	<20	0.07	10	<10	8	<10		
E777433	K-08-0146	90.22	91.81	QTZT	QTZT	Non-Mineralized	N-AML	200	0.13	7	3			26	<20	0.13	<10	<10	27	<10		
E777429	K-08-0146	84.06	86.53	QTZT	QTZT	Non-Mineralized	N-AML	520	0.2	9	5			80	<20	0.16	<10	<10	54	<10		
E777430	K-08-0146	86.53	88.15	QTZT	QTZT	Non-Mineralized	N-AML	200	0.08	7	1			12	<20	0.07	<10	<10	16	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E777432	K-08-0146	88.15	90.22	QTZT	QTZT	Non-Mineralized	N-AML	430	0.11	10	5			61	<20	0.2	<10	<10	58	10		
E777441	K-08-0146	100.75	102.3	QTZT	QTZT	Non-Mineralized	N-AML	90	1.25	172	1			1	<20	0.06	<10	<10	10	<10		
E777448	K-08-0146	108.61	109.61	QTZT	QTZT	Non-Mineralized	N-AML	120	0.04	7	1			3	<20	0.07	<10	<10	7	<10		
E777449	K-08-0146	109.61	110.62	QTZT	QTZT	Non-Mineralized	N-AML	290	0.1	15	3			10	<20	0.13	<10	<10	31	<10		
E777450	K-08-0146	110.62	111.71	QTZT	QTZT	Non-Mineralized	N-AML	390	0.09	36	7			31	<20	0.15	<10	<10	65	<10		
E777442	K-08-0146	102.3	103.16	QTZT	QTZT	Non-Mineralized	N-AML	220	0.04	24	2			7	<20	0.07	<10	<10	21	<10		
E777440	K-08-0146	99.93	100.75	QTZT	QTZT	Non-Mineralized	N-AML	530	0.89	15	8			40	<20	0.22	<10	<10	100	10		
E777439	K-08-0146	99.04	99.93	QTZT	QTZT	Non-Mineralized	N-AML	170	0.19	11	1			6	<20	0.07	<10	<10	17	<10		
E777460	K-08-0146	118.9	119.9	QTZT	QTZT	Non-Mineralized	N-AML	630	0.48	<5	5			46	<20	0.14	<10	<10	49	<10		
E777461	K-08-0146	119.9	120.7	QTZT	QTZT	Non-Mineralized	P-AML	900	1.12	9	12			121	<20	0.35	<10	<10	129	<10		
E777462	K-08-0146	120.7	122.11	QTZT	QTZT	Non-Mineralized	N-AML	730	0.58	7	2			30	<20	0.07	<10	<10	22	<10		
E777464	K-08-0146	122.11	123.88	QTZT	QTZT	Non-Mineralized	N-AML	880	0.28	<5	2			20	<20	0.1	<10	<10	25	<10		
E777469	K-08-0146	130.5	132.79	QTZT	QTZT	Non-Mineralized	N-AML	330	0.51	6	4			44	<20	0.17	<10	<10	57	10		
E777467	K-08-0146	128.15	130.5	QTZT	QTZT	Non-Mineralized	N-AML	130	0.16	<5	1			13	<20	0.09	<10	<10	18	<10		
E777474	K-08-0146	140.45	142.45	QTZT	QTZT	Non-Mineralized	N-AML	130	0.14	<5	1			8	<20	0.07	<10	<10	6	<10		
E777476	K-08-0146	142.45	145.08	QTZT	QTZT	Non-Mineralized	N-AML	180	0.14	<5	1			10	<20	0.09	<10	<10	14	10		
E602877	K-08-0147	15.2	16.24	QTZT	QTZT	Non-Mineralized	N-AML	1030	0.15	17	8			56	<20	0.16	10	<10	76	<10		
E602878	K-08-0147	70	72.54	QTZT	QTZT	Non-Mineralized	N-AML	190	0.29	<5	1			28	<20	0.06	<10	<10	17	<10		
E602904	K-08-0147	103.72	104.72	QTZT	QTZT	Non-Mineralized	N-AML	280	0.24	7	2			5	<20	0.07	<10	<10	22	<10		
E602896	K-08-0147	98.56	99.54	QTZT	QTZT	Non-Mineralized	N-AML	460	1.31	22	14			69	<20	0.22	<10	<10	163	<10		
E602906	K-08-0147	105.72	106.72	QTZT	QTZT	Non-Mineralized	P-AML	410	0.57	6	9			46	<20	0.26	<10	<10	113	<10		
E602929	K-08-0147	125.95	127.1	QTZT	QTZT	Non-Mineralized	N-AML	90	1.76	7	1			3	<20	0.04	<10	<10	5	<10		
E602911	K-08-0147	110.72	111.72	QTZT	QTZT	Non-Mineralized	N-AML	250	0.75	<5	3			30	<20	0.14	<10	<10	34	<10		
E602907	K-08-0147	106.72	107.72	QTZT	QTZT	Non-Mineralized	P-AML	530	1.65	15	12			99	<20	0.39	10	<10	145	<10		
E602910	K-08-0147	109.72	110.72	QTZT	QTZT	Non-Mineralized	P-AML	1140	0.97	7	11			85	<20	0.32	<10	<10	111	<10		
E602909	K-08-0147	108.72	109.72	QTZT	QTZT	Non-Mineralized	N-AML	240	0.84	7	3			23	<20	0.13	<10	<10	39	<10		
E602905	K-08-0147	104.72	105.72	QTZT	QTZT	Non-Mineralized	N-AML	610	0.4	<5	6			30	<20	0.22	10	<10	78	<10		
E602908	K-08-0147	107.72	108.72	QTZT	QTZT	Non-Mineralized	P-AML	1170	1.89	17	12			146	<20	0.39	10	<10	136	<10		
E754277	K-08-0148	100.58	103.58	QTZT	QTZT	Non-Mineralized	N-AML	230	0.23	<5	2			33	<20	0.1	<10	<10	18	<10		
E754279	K-08-0148	106.57	108.51	QTZT	QTZT	Non-Mineralized	N-AML	110	0.1	<5	1			8	<20	0.08	<10	<10	9	<10		
E754280	K-08-0148	108.51	110.76	QTZT	QTZT	Non-Mineralized	N-AML	310	0.25	<5	2			42	<20	0.11	<10	<10	26	<10		
E754278	K-08-0148	103.58	106.57	QTZT	QTZT	Non-Mineralized	N-AML	270	0.25	<5	2			40	<20	0.12	<10	<10	27	<10		
E754281	K-08-0148	110.76	113.17	QTZT	QTZT	Non-Mineralized	N-AML	480	0.59	<5	6			135	<20	0.22	<10	<10	66	<10		
E754283	K-08-0148	116.15	118.54	QTZT	QTZT	Non-Mineralized	N-AML	410	0.68	<5	4			77	<20	0.15	<10	<10	44	<10		
E754282	K-08-0148	113.17	116.15	QTZT	QTZT	Non-Mineralized	N-AML	290	0.28	<5	3			70	<20	0.13	<10	<10	30	<10		
E754284	K-08-0148	118.54	121.53	QTZT	QTZT	Non-Mineralized	N-AML	100	0.11	<5	1			18	<20	0.06	<10	<10	6	<10		
E754293	K-08-0148	131.39	132.55	QTZT	QTZT	Non-Mineralized	N-AML	350	0.45	88	1			5	<20	0.05	<10	<10	8	<10		
E754286	K-08-0148	121.53	122.82	QTZT	QTZT	Non-Mineralized	N-AML	120	0.18	<5	1			9	<20	0.06	<10	<10	8	<10		
E754287	K-08-0148	122.82	124.76	QTZT	QTZT	Non-Mineralized	N-AML	210	0.19	<5	1			16	<20	0.08	<10	<10	15	<10		
E754288	K-08-0148	124.76	125.7	QTZT	QTZT	Non-Mineralized	N-AML	350	0.61	5	3			27	<20	0.11	<10	<10	34	<10		
E754289	K-08-0148	125.7	128.02	QTZT	QTZT	Non-Mineralized	N-AML	710	0.64	<5	4			30	<20	0.13	<10	<10	36	<10		
E754290	K-08-0148	128.02	129.74	QTZT	QTZT	Non-Mineralized	N-AML	670	0.57	<5	1			8	<20	0.06	<10	<10	15	<10		
E754291	K-08-0148	129.74	130.75	QTZT	QTZT	Non-Mineralized	N-AML	240	0.5	<5	1			6	<20	0.06	<10	<10	10	<10		
E754292	K-08-0148	130.75	131.39	QTZT	QTZT	Non-Mineralized	N-AML	420	0.58	<5	1			7	<20	0.06	<10	<10	12	<10		
E754298	K-08-0148	134.08	134.6	QTZT	QTZT	Non-Mineralized	N-AML	260	0.07	<5	2			66	<20	0.08	<10	<10	17	<10		
E754304	K-08-0148	138.4	140.21	QTZT	QTZT	Non-Mineralized	N-AML	330	0.24	5	2			14	<20	0.11	<10	<10	26	<10		
E754300	K-08-0148	134.89	135.3	QTZT	QTZT	Non-Mineralized	N-AML	480	0.46	<5	2			41	<20	0.08	10	<10	25	<10		
E754301	K-08-0148	135.3	135.89	QTZT	QTZT	Non-Mineralized	N-AML	290	0.77	7	2			13	<20	0.06	10	<10	17	<10		
E754302	K-08-0148	135.89	137.16	QTZT	QTZT	Non-Mineralized	N-AML	280	0.52	<5	1			10	<20	0.07	10	<10	16	<10		
E754303	K-08-0148	137.16	138.4	QTZT	QTZT	Non-Mineralized	N-AML	350	0.55	<5	2			14	<20	0.08	<10	<10	22	<10		
E754306	K-08-0148	140.21	141.33	QTZT	QTZT	Non-Mineralized	N-AML	320	0.47	<5	2			27	<20	0.09	<10	<10	17	<10		
E754307	K-08-0148	141.33	143.32	QTZT	QTZT	Non-Mineralized	N-AML	340	0.3	<5	4			30	<20	0.17	<10	<10	42	<10		
E754314	K-08-0148	153.47	156.11	QTZT	QTZT	Non-Mineralized	P-AML	670	0.46	<5	8			76	<20	0.27	<10	<10	88	<10		
E754315	K-08-0148	156.11	159.11	QTZT	QTZT	Non-Mineralized	N-AML	350	0.34	11	3			18	<20	0.13	<10	<10	35	<10		
E754322	K-08-0148	173.56	173.74	QTZT	QTZT	Non-Mineralized	N-AML	220	0.5	13	5			16	<20	0.09	<10	<10	35	<10		
E754317	K-08-0148	159.11	161.54	QTZT	QTZT	Non-Mineralized	N-AML	350	0.55	9	3			18	<20	0.1	<10	<10	35	<10		
E754320	K-08-0148	167.64	170.69	QTZT	QTZT	Non-Mineralized	N-AML	970	1.78	18	10			42	<20	0.24	<10	<10	112	10		
E754318	K-08-0148	161.54	164.59	QTZT	QTZT	Non-Mineralized	N-AML	930	0.75	8	8			44	<20	0.24	<10	<10	88	<10		
E754321	K-08-0148	170.69	173.56	QTZT	QTZT	Non-Mineralized	N-AML	220	1.98	36	2			7	<20	0.09	<10	<10	18	<10		
E754319	K-08-0148	164.59	167.64	QTZT	QTZT	Non-Mineralized	N-AML	590	1.33	12	6			26	<20	0.19	<10	<10	63	<10		
E754347	K-08-0148	206.51	207.26	QTZT	QTZT	Non-Mineralized	N-AML	110	0.04	<5	<1			2	<20	0.06	<10	<10	6	<10		
E754350	K-08-0148	207.69	208.45	QTZT	QTZT	Non-Mineralized	N-AML	30	0.01	<5	<1			1	<20	0.05	<10	<10	4	<10		
E754351	K-08-0148	208.45	210.31	QTZT	QTZT	Non-Mineralized	N-AML	100	0.02	<5	1			5	<20	0.08	<10	<10	14	<10		
E754352	K-08-0148	210.31	212.04	QTZT	QTZT	Non-Mineralized	N-AML	150	0.06	<5	1			1	<20	0.07	<10	<10	7	<10		
E754344	K-08-0148	205.26	205.6	QTZT	QTZT	Non-Mineralized	N-AML	60	0.58	9	<1			2	<20	0.06	10	<10	6	<10		
E754340	K-08-0148	203.21	204.22	QTZT	QTZT	Non-Mineralized	N-AML	70	0.03	<5	1			3	<20	0.07	<10	<10	7	<10		
E754342	K-08-0148	204.58	204.82	QTZT	QTZT	Non-Mineralized	N-AML	140	0.09	<5	1			1	<20	0.07	10	<10	6	<10		
E754341	K-08-0148	204.22	204.58	QTZT	QTZT	Non-Mineralized	N-AML	70	0.31	<5	<1			2	<20	0.05	10	<10	6	<10		
E754331	K-08-0148	187.38	187.78	QTZT	QTZT	Non-Mineralized	N-AML	250	0.03	<5	1			13	<20	0.07	<10	<10	10	<10		
E754339	K-08-0148	200.22	203.21	QTZT	QTZT	Non-Mineralized	N-AML	270	0.02	<5	<1			5	<20	0.05	<10	<10	5	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E754338	K-08-0148	197.22	200.22	QTZT	QTZT	Non-Mineralized	N-AML	110	0.03	<5	2			29	<20	0.1	<10	<10	21	<10		
E754332	K-08-0148	187.78	188.23	QTZT	QTZT	Non-Mineralized	N-AML	170	0.14	7	3			39	<20	0.15	<10	<10	38	<10		
E754335	K-08-0148	191.24	194.24	QTZT	QTZT	Non-Mineralized	N-AML	70	0.05	<5	1			15	<20	0.08	<10	<10	14	<10		
E754333	K-08-0148	188.23	191.24	QTZT	QTZT	Non-Mineralized	N-AML	110	0.08	5	2			17	<20	0.1	10	<10	18	<10		
E754336	K-08-0148	194.24	197.22	QTZT	QTZT	Non-Mineralized	N-AML	120	0.02	<5	1			4	<20	0.07	<10	<10	6	<10		
E754353	K-08-0148	212.04	213.36	QTZT	QTZT	Non-Mineralized	P-AML	470	0.25	<5	16			9	<20	0.56	10	<10	173	40		
E754354	K-08-0148	213.36	214.47	QTZT	QTZT	Non-Mineralized	N-AML	80	0.11	<5	<1			1	<20	0.06	10	<10	5	<10		
E754355	K-08-0148	214.47	216.76	QTZT	QTZT	Non-Mineralized	N-AML	160	0.38	<5	1			14	<20	0.07	10	<10	15	<10		
E754358	K-08-0148	219.68	222.68	QTZT	QTZT	Non-Mineralized	N-AML	150	0.15	<5	2			17	<20	0.1	<10	<10	21	<10		
E754361	K-08-0148	228.6	230.16	QTZT	QTZT	Non-Mineralized	N-AML	200	0.04	<5	<1			4	<20	0.06	<10	<10	3	<10		
E754360	K-08-0148	225.6	228.6	QTZT	QTZT	Non-Mineralized	N-AML	70	0.08	<5	<1			3	<20	0.06	<10	<10	5	10		
E754359	K-08-0148	222.68	225.6	QTZT	QTZT	Non-Mineralized	N-AML	70	0.07	<5	<1			2	<20	0.06	<10	<10	3	<10		
E754362	K-08-0148	230.16	232.09	QTZT	QTZT	Non-Mineralized	N-AML	120	0.6	5	1			11	<20	0.07	<10	<10	12	<10		
E754363	K-08-0148	232.09	234.7	QTZT	QTZT	Non-Mineralized	P-AML	2190	3.62	8	12			267	20	0.31	<10	<10	153	<10		
E754365	K-08-0148	234.7	237.74	QTZT	QTZT	Non-Mineralized	N-AML	110	0.67	<5	1			11	<20	0.08	<10	<10	17	<10		
E754366	K-08-0148	237.74	240.79	QTZT	QTZT	Non-Mineralized	N-AML	360	0.62	<5	4			73	<20	0.24	<10	<10	57	<10		
E754367	K-08-0148	240.79	243.81	QTZT	QTZT	Non-Mineralized	N-AML	230	0.5	<5	3			41	<20	0.17	<10	<10	42	<10		
E754368	K-08-0148	243.81	245.8	QTZT	QTZT	Non-Mineralized	P-AML	520	0.85	<5	6			52	<20	0.25	<10	<10	72	<10		
E754369	K-08-0148	245.8	246.89	QTZT	QTZT	Non-Mineralized	N-AML	360	0.84	<5	5			71	<20	0.22	<10	<10	67	<10		
E754370	K-08-0148	246.89	249.89	QTZT	QTZT	Non-Mineralized	N-AML	330	0.35	<5	4			19	<20	0.17	10	<10	47	<10		
E754371	K-08-0148	249.89	252.92	QTZT	QTZT	Non-Mineralized	N-AML	230	0.09	<5	2			14	<20	0.1	<10	<10	19	<10		
E754373	K-08-0148	252.92	253.59	QTZT	QTZT	Non-Mineralized	N-AML	250	0.1	<5	2			19	<20	0.13	<10	<10	26	<10		
E602937	K-08-0149	47.85	50.9	QTZT	QTZT	Non-Mineralized	N-AML	610	0.11	<5	9			115	<20	0.23	<10	<10	80	<10		
E602936	K-08-0149	44.81	47.85	QTZT	QTZT	Non-Mineralized	N-AML	470	0.13	<5	6			86	<20	0.18	<10	<10	54	<10		
E602935	K-08-0149	43.59	44.81	QTZT	QTZT	Non-Mineralized	N-AML	420	0.08	<5	6			77	<20	0.2	<10	<10	53	<10		
E602944	K-08-0149	60.05	63.49	QTZT	QTZT	Non-Mineralized	N-AML	430	0.31	<5	6			115	<20	0.19	10	<10	59	<10		
E602942	K-08-0149	59.05	60.05	QTZT	QTZT	Non-Mineralized	N-AML	170	0.15	<5	1			26	<20	0.08	10	<10	11	<10		
E602955	K-08-0149	85.28	87.48	QTZT	QTZT	Non-Mineralized	N-AML	410	0.17	<5	18			273	<20	0.41	<10	<10	183	10		
E602954	K-08-0149	83.77	85.28	QTZT	QTZT	Non-Mineralized	N-AML	530	3.24	19	24			342	<20	0.45	10	<10	242	50		
E602956	K-08-0149	87.48	91.6	QTZT	QTZT	Non-Mineralized	N-AML	200	0.48	6	1			24	<20	0.07	<10	<10	18	<10		
E602990	K-08-0149	125.35	126.8	QTZT	QTZT	Non-Mineralized	N-AML	600	0.38	7	6			22	<20	0.19	<10	<10	71	<10		
E602991	K-08-0149	126.8	128.63	QTZT	QTZT	Non-Mineralized	N-AML	520	0.3	<5	8			41	<20	0.21	<10	<10	74	<10		
E602992	K-08-0149	128.63	130.15	QTZT	QTZT	Non-Mineralized	N-AML	420	0.23	<5	4			37	<20	0.15	<10	<10	45	<10		
E602976	K-08-0149	115.82	117.55	QTZT	QTZT	Non-Mineralized	N-AML	270	0.6	6	3			15	<20	0.11	10	<10	30	<10		
E602966	K-08-0149	103.3	103.83	QTZT	QTZT	Non-Mineralized	N-AML	330	0.41	5	5			34	<20	0.16	<10	<10	45	<10		
E602967	K-08-0149	103.83	105.16	QTZT	QTZT	Non-Mineralized	N-AML	220	0.9	6	3			18	<20	0.08	10	<10	28	<10		
E602973	K-08-0149	110.3	111.25	QTZT	QTZT	Non-Mineralized	N-AML	110	0.24	<5	1			5	<20	0.08	<10	<10	12	<10		
E602969	K-08-0149	106.68	107.45	QTZT	QTZT	Non-Mineralized	N-AML	230	0.4	6	2			12	<20	0.08	10	<10	22	<10		
E602968	K-08-0149	105.16	106.68	QTZT	QTZT	Non-Mineralized	N-AML	250	0.26	<5	3			19	<20	0.11	<10	<10	29	<10		
E602974	K-08-0149	111.25	112.71	QTZT	QTZT	Non-Mineralized	N-AML	200	0.32	<5	1			4	<20	0.08	<10	<10	15	<10		
E770337	K-08-0150	23.77	24.81	QTZT	QTZT	Non-Mineralized	N-AML	310	0.08	<5	2			75	<20	0.08	<10	<10	20	<10		
E770338	K-08-0150	24.81	25.09	QTZT	QTZT	Non-Mineralized	N-AML	220	0.05	<5	1			37	<20	0.04	10	<10	6	<10		
E770339	K-08-0150	25.09	26.16	QTZT	QTZT	Non-Mineralized	N-AML	410	0.16	<5	3			43	<20	0.14	<10	<10	35	<10		
E770341	K-08-0150	101.79	103.69	QTZT	QTZT	Non-Mineralized	N-AML	610	0.51	<5	6			77	<20	0.22	<10	<10	65	<10		
E770340	K-08-0150	99.97	101.79	QTZT	QTZT	Non-Mineralized	N-AML	930	0.65	<5	10			124	<20	0.32	<10	<10	105	<10		
E770343	K-08-0150	106.07	108	QTZT	QTZT	Non-Mineralized	N-AML	190	0.16	<5	2			48	<20	0.09	<10	<10	19	<10		
E770342	K-08-0150	103.69	106.07	QTZT	QTZT	Non-Mineralized	N-AML	180	0.18	<5	2			27	<20	0.12	<10	<10	21	<10		
E770347	K-08-0150	112.66	115.21	QTZT	QTZT	Non-Mineralized	N-AML	110	0.07	<5	1			14	<20	0.07	<10	<10	8	<10		
E770349	K-08-0150	118.26	121.1	QTZT	QTZT	Non-Mineralized	N-AML	220	0.19	<5	2			25	<20	0.12	<10	<10	23	<10		
E770348	K-08-0150	115.21	118.26	QTZT	QTZT	Non-Mineralized	N-AML	210	0.16	<5	2			17	<20	0.12	<10	<10	19	<10		
E770368	K-08-0150	138.44	139.6	QTZT	QTZT	Non-Mineralized	N-AML	180	0.43	8	1			8	<20	0.06	<10	<10	19	<10		
E770369	K-08-0150	139.6	140.12	QTZT	QTZT	Non-Mineralized	N-AML	360	1.16	10	4			30	<20	0.11	<10	<10	58	<10		
E770370	K-08-0150	140.12	141	QTZT	QTZT	Non-Mineralized	N-AML	270	1.35	<5	3			16	<20	0.07	<10	<10	30	<10		
E770359	K-08-0150	128.5	130.45	QTZT	QTZT	Non-Mineralized	N-AML	530	0.78	<5	7			160	<20	0.25	<10	<10	65	<10		
E770358	K-08-0150	127.95	128.5	QTZT	QTZT	Non-Mineralized	N-AML	550	1.55	8	12			186	<20	0.35	<10	<10	158	<10		
E770356	K-08-0150	126.63	127.95	QTZT	QTZT	Non-Mineralized	N-AML	530	0.71	<5	6			79	<20	0.21	<10	<10	71	<10		
E770354	K-08-0150	124.95	125.5	QTZT	QTZT	Non-Mineralized	N-AML	130	0.9	<5	1			6	<20	0.04	<10	<10	10	<10		
E770352	K-08-0150	122.9	124.3	QTZT	QTZT	Non-Mineralized	N-AML	610	0.76	<5	8			119	<20	0.28	<10	<10	86	<10		
E770350	K-08-0150	121.1	122.9	QTZT	QTZT	Non-Mineralized	N-AML	650	0.67	<5	8			118	<20	0.27	<10	<10	85	<10		
E770355	K-08-0150	125.5	126.63	QTZT	QTZT	Non-Mineralized	N-AML	310	1.12	5	3			23	<20	0.1	<10	<10	27	<10		
E770360	K-08-0150	130.45	131.6	QTZT	QTZT	Non-Mineralized	N-AML	240	0.69	<5	4			63	<20	0.15	<10	<10	53	<10		
E770371	K-08-0150	141	141.93	QTZT	QTZT	Non-Mineralized	N-AML	390	0.62	5	4			38	<20	0.12	<10	<10	50	<10		
E770353	K-08-0150	124.3	124.95	QTZT	QTZT	Non-Mineralized	N-AML	140	0.2	<5	1			11	<20	0.08	<10	<10	12	<10		
E770373	K-08-0150	141.93	142.65	QTZT	QTZT	Non-Mineralized	N-AML	540	0.75	6	6			49	<20	0.15	<10	<10	68	<10		
E770363	K-08-0150	135.25	136.12	QTZT	QTZT	Non-Mineralized	N-AML	120	0.34	<5	1			7	<20	0.06	<10	<10	11	<10		
E770364	K-08-0150	136.12	137	QTZT	QTZT	Non-Mineralized	N-AML	80	0.14	<5	1			3	<20	0.04	<10	<10	6	<10		
E770361	K-08-0150	131.6	133.5	QTZT	QTZT	Non-Mineralized	N-AML	450	0.26	<5	1			10	<20	0.05	<10	<10	8	<10		
E770362	K-08-0150	133.5	135.25	QTZT	QTZT	Non-Mineralized	N-AML	400	1.05	<5	5			73	<20	0.14	<10	<10	55	<10		
E770374	K-08-0150	142.65	144.7	QTZT	QTZT	Non-Mineralized	N-AML	500	1	13	5			49	<20	0.17	<10	<10	62	<10		
E770375	K-08-0150	144.7	145.69	QTZT	QTZT	Non-Mineralized	N-AML	370	0.77	8	6			69	<20	0.23	<10	<10	62	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E770384	K-08-0150	152.35	154.3	QTZT	QTZT	Non-Mineralized	N-AML	300	0.3	<5	5			34	<20	0.17	10	<10	44	<10		
E770383	K-08-0150	151.35	152.35	QTZT	QTZT	Non-Mineralized	P-AML	660	4.81	9	4			526	<20	0.28	<10	<10	108	<10		
E770382	K-08-0150	150.4	151.35	QTZT	QTZT	Non-Mineralized	N-AML	140	0.69	<5	2			12	<20	0.11	<10	<10	20	<10		
E770381	K-08-0150	149.4	150.4	QTZT	QTZT	Non-Mineralized	N-AML	180	0.38	<5	1			8	<20	0.11	<10	<10	12	<10		
E770380	K-08-0150	148.4	149.4	QTZT	QTZT	Non-Mineralized	N-AML	220	0.36	<5	3			21	<20	0.13	<10	<10	32	<10		
E770378	K-08-0150	146.1	147.27	QTZT	QTZT	Non-Mineralized	N-AML	360	0.41	<5	2			25	<20	0.1	<10	<10	25	<10		
E770379	K-08-0150	147.27	148.4	QTZT	QTZT	Non-Mineralized	N-AML	370	0.31	<5	2			17	<20	0.1	<10	<10	28	<10		
E770408	K-08-0150	181.8	184.39	QTZT	QTZT	Non-Mineralized	N-AML	330	0.8	<5	4			41	<20	0.14	<10	<10	36	<10		
E770407	K-08-0150	179.22	181.8	QTZT	QTZT	Non-Mineralized	P-AML	520	0.22	9	7			84	<20	0.25	<10	<10	69	<10		
E770409	K-08-0150	184.39	186.96	QTZT	QTZT	Non-Mineralized	N-AML	250	1.43	5	1			6	<20	0.11	<10	<10	13	<10		
E770395	K-08-0150	169.85	170.75	QTZT	QTZT	Non-Mineralized	N-AML	110	3.87	23	3			5	<20	0.03	<10	<10	18	<10		
E770394	K-08-0150	169.23	169.85	QTZT	QTZT	Non-Mineralized	P-AML	790	1.11	13	8			39	<20	0.25	10	<10	97	<10		
E770392	K-08-0150	167.09	169.23	QTZT	QTZT	Non-Mineralized	N-AML	320	1.43	<5	2			7	<20	0.09	<10	<10	28	<10		
E770391	K-08-0150	165.5	167.09	QTZT	QTZT	Non-Mineralized	N-AML	180	0.22	<5	1			3	<20	0.06	<10	<10	9	<10		
E770389	K-08-0150	160.24	163.28	QTZT	QTZT	Non-Mineralized	N-AML	130	0.34	<5	2			7	<20	0.11	<10	<10	20	<10		
E770390	K-08-0150	163.28	165.5	QTZT	QTZT	Non-Mineralized	N-AML	560	1.32	<5	4			27	<20	0.14	<10	<10	48	<10		
E770412	K-08-0150	191.27	193.01	QTZT	QTZT	Non-Mineralized	N-AML	270	1.51	<5	5			28	<20	0.16	<10	<10	61	<10		
E770413	K-08-0150	193.01	195.11	QTZT	QTZT	Non-Mineralized	N-AML	340	0.57	11	7			74	<20	0.18	<10	<10	97	<10		
E770419	K-08-0150	203.91	206.05	QTZT	QTZT	Non-Mineralized	N-AML	200	0.04	<5	1			18	<20	0.1	<10	<10	15	<10		
E770421	K-08-0150	206.05	208.18	QTZT	QTZT	Non-Mineralized	N-AML	60	0.01	<5	1			14	<20	0.06	<10	<10	7	<10		
E603025	K-08-0151	62.94	64.27	QTZT	QTZT	Non-Mineralized	N-AML	190	0.12	<5	3			29	<20	0.06	<10	<10	20	<10		
E603023	K-08-0151	60.92	62.94	QTZT	QTZT	Non-Mineralized	N-AML	440	0.07	<5	4			133	<20	0.12	<10	<10	37	<10		
E603037	K-08-0151	82.97	83.82	QTZT	QTZT	Non-Mineralized	N-AML	410	0.11	<5	7			112	<20	0.21	<10	<10	72	<10		
E603036	K-08-0151	81.75	82.97	QTZT	QTZT	Non-Mineralized	N-AML	340	0.12	<5	3			88	<20	0.07	<10	<10	19	<10		
E603040	K-08-0151	84.94	85.94	QTZT	QTZT	Non-Mineralized	N-AML	210	0.05	<5	2			12	<20	0.07	<10	<10	12	<10		
E603061	K-08-0151	102.11	103.52	QTZT	QTZT	Non-Mineralized	N-AML	520	1.61	6	8			42	<20	0.2	<10	<10	88	<10		
E603039	K-08-0151	83.82	84.94	QTZT	QTZT	Non-Mineralized	N-AML	220	0.07	<5	2			16	<20	0.08	<10	<10	15	<10		
E603043	K-08-0151	87.93	88.97	QTZT	QTZT	Non-Mineralized	N-AML	580	0.2	<5	6			40	<20	0.21	<10	<10	62	<10		
E603042	K-08-0151	86.97	87.93	QTZT	QTZT	Non-Mineralized	N-AML	320	0.16	<5	2			67	<20	0.09	<10	<10	24	<10		
E777486	K-08-0152	169.9	172.86	QTZT	QTZT	Non-Mineralized	N-AML	190	0.18	<5	3			23	<20	0.11	<10	<10	20	<10		
E777484	K-08-0152	166.88	169.9	QTZT	QTZT	Non-Mineralized	N-AML	340	0.34	5	6			89	<20	0.18	<10	<10	50	<10		
E777489	K-08-0152	177.7	179.7	QTZT	QTZT	Non-Mineralized	N-AML	440	0.45	<5	7			73	<20	0.19	<10	<10	61	<10		
E777487	K-08-0152	172.86	175.7	QTZT	QTZT	Non-Mineralized	N-AML	510	0.35	<5	6			63	<20	0.18	<10	<10	50	<10		
E777488	K-08-0152	175.7	177.7	QTZT	QTZT	Non-Mineralized	N-AML	650	0.49	<5	8			193	<20	0.23	<10	<10	75	<10		
E777502	K-08-0152	204	206.78	QTZT	QTZT	Non-Mineralized	N-AML	110	0.25	<5	1			7	<20	0.07	<10	<10	9	<10		
E777501	K-08-0152	201	204	QTZT	QTZT	Non-Mineralized	N-AML	200	0.55	<5	2			22	<20	0.11	<10	<10	31	<10		
E777496	K-08-0152	193.06	195.07	QTZT	QTZT	Non-Mineralized	N-AML	440	0.99	<5	5			66	<20	0.15	<10	<10	43	<10		
E777497	K-08-0152	195.07	197	QTZT	QTZT	Non-Mineralized	N-AML	240	0.27	<5	3			37	<20	0.06	<10	<10	16	<10		
E777499	K-08-0152	197	199	QTZT	QTZT	Non-Mineralized	N-AML	320	0.48	<5	3			20	<20	0.09	10	<10	25	<10		
E777500	K-08-0152	199	201	QTZT	QTZT	Non-Mineralized	N-AML	250	0.77	7	4			32	<20	0.12	<10	<10	40	<10		
E777504	K-08-0152	208.78	210.78	QTZT	QTZT	Non-Mineralized	N-AML	330	0.36	<5	4			73	<20	0.17	<10	<10	42	<10		
E777505	K-08-0152	210.78	213	QTZT	QTZT	Non-Mineralized	N-AML	390	0.46	<5	3			67	<20	0.13	<10	<10	34	<10		
E777506	K-08-0152	213	215.2	QTZT	QTZT	Non-Mineralized	N-AML	250	0.61	<5	3			52	<20	0.11	<10	<10	31	<10		
E777511	K-08-0152	219.3	221.4	QTZT	QTZT	Non-Mineralized	N-AML	500	1.07	<5	1			6	<20	0.05	<10	<10	16	<10		
E777509	K-08-0152	218.2	219.3	QTZT	QTZT	Non-Mineralized	N-AML	180	0.46	<5	2			15	<20	0.09	<10	<10	19	<10		
E777512	K-08-0152	221.4	223.5	QTZT	QTZT	Non-Mineralized	N-AML	570	1.48	<5	1			5	<20	0.05	<10	<10	16	<10		
E777513	K-08-0152	223.5	225.55	QTZT	QTZT	Non-Mineralized	N-AML	110	0.17	7	1			4	<20	0.03	<10	<10	10	<10		
E777523	K-08-0152	231.26	232.12	QTZT	QTZT	Non-Mineralized	N-AML	80	10	58	<1			5	<20	0.02	<10	<10	3	<10		
E777524	K-08-0152	232.12	233.55	QTZT	QTZT	Non-Mineralized	N-AML	1050	0.77	<5	3			21	<20	0.14	<10	<10	36	<10		
E777525	K-08-0152	233.55	235	QTZT	QTZT	Non-Mineralized	N-AML	140	0.13	<5	1			7	<20	0.08	<10	<10	9	<10		
E777527	K-08-0152	235	237.74	QTZT	QTZT	Non-Mineralized	N-AML	150	0.13	<5	1			11	<20	0.1	<10	<10	16	<10		
E754374	K-08-0153	30	33	QTZT	QTZT	Non-Mineralized	N-AML	450	0.15	<5	3			83	<20	0.1	<10	<10	29	<10		
E754375	K-08-0153	33	36	QTZT	QTZT	Non-Mineralized	N-AML	320	0.07	<5	2			47	<20	0.1	<10	<10	24	<10		
E754376	K-08-0153	36	38.98	QTZT	QTZT	Non-Mineralized	N-AML	320	0.16	<5	2			107	<20	0.09	<10	<10	21	<10		
E754378	K-08-0153	38.98	41.98	QTZT	QTZT	Non-Mineralized	N-AML	190	0.14	<5	1			36	<20	0.08	<10	<10	15	<10		
E754379	K-08-0153	41.98	44.16	QTZT	QTZT	Non-Mineralized	N-AML	270	0.19	<5	2			79	<20	0.11	<10	<10	25	<10		
E754407	K-08-0153	90.89	91.84	QTZT	QTZT	Non-Mineralized	N-AML	160	0.6	7	1			2	<20	0.03	<10	<10	5	<10		
E754408	K-08-0153	91.84	92.84	QTZT	QTZT	Non-Mineralized	P-AML	1000	0.38	13	10			71	<20	0.38	10	<10	116	<10		
E754425	K-08-0153	99.67	100.66	QTZT	QTZT	Non-Mineralized	N-AML	90	0.42	7	1			2	<20	0.05	<10	<10	6	10		
E754428	K-08-0153	102.29	103.75	QTZT	QTZT	Non-Mineralized	N-AML	180	0.42	<5	2			4	<20	0.08	<10	<10	16	<10		
E754430	K-08-0153	103.75	105.77	QTZT	QTZT	Non-Mineralized	N-AML	400	0.2	<5	3			22	<20	0.12	<10	<10	33	<10		
E754431	K-08-0153	105.77	107.78	QTZT	QTZT	Non-Mineralized	N-AML	250	0.2	<5	2			17	<20	0.12	<10	<10	28	<10		
E754433	K-08-0153	109.33	110.33	QTZT	QTZT	Non-Mineralized	N-AML	250	5.91	49	1			3	<20	0.04	<10	<10	16	<10		
E754390	K-08-0153	69.58	72.54	QTZT	QTZT	Non-Mineralized	N-AML	280	0.13	<5	2			31	<20	0.07	<10	<10	20	<10		
E754391	K-08-0153	72.54	75.54	QTZT	QTZT	Non-Mineralized	N-AML	360	0.16	7	3			48	<20	0.11	<10	<10	30	<10		
E754393	K-08-0153	78.54	81.53	QTZT	QTZT	Non-Mineralized	N-AML	490	0.21	<5	4			53	<20	0.16	<10	<10	46	<10		
E754396	K-08-0153	84.49	85.5	QTZT	QTZT	Non-Mineralized	N-AML	280	0.2	8	3			40	<20	0.12	<10	<10	37	<10		
E754437	K-08-0153	113.26	114.91	QTZT	QTZT	Non-Mineralized	N-AML	500	0.34	5	6			53	<20	0.21	<10	<10	64	<10		
E754438	K-08-0154	45.94	46.94	QTZT	QTZT	Non-Mineralized	N-AML	260	0.03	6	1			11	<20	0.07	<10	<10	10	<10		
E754439	K-08-0154	46.94	47.94	QTZT	QTZT	Non-Mineralized	N-AML	150	0.02	<5	1			11	<20	0.07	<10	<10	11	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E754440	K-08-0154	47.94	48.64	QTZT	QTZT	Non-Mineralized	N-AML	160	0.01	<5	3			74	<20	0.03	<10	10	10	<10		
E754441	K-08-0154	48.64	50.18	QTZT	QTZT	Non-Mineralized	N-AML	350	0.08	<5	4			75	<20	0.08	<10	<10	29	<10		
E754450	K-08-0154	168.08	171.05	QTZT	QTZT	Non-Mineralized	N-AML	390	0.27	<5	2			60	<20	0.1	<10	<10	22	<10		
E754444	K-08-0154	153.09	156.09	QTZT	QTZT	Non-Mineralized	N-AML	500	0.44	<5	5			114	<20	0.17	<10	<10	54	<10		
E754445	K-08-0154	156.09	159.1	QTZT	QTZT	Non-Mineralized	N-AML	230	0.13	<5	1			53	<20	0.07	<10	<10	15	<10		
E754446	K-08-0154	159.1	162.08	QTZT	QTZT	Non-Mineralized	N-AML	490	0.51	<5	5			111	<20	0.16	<10	<10	48	<10		
E754448	K-08-0154	162.08	165.06	QTZT	QTZT	Non-Mineralized	N-AML	470	0.41	6	6			100	<20	0.21	<10	<10	65	<10		
E754451	K-08-0154	171.05	173.74	QTZT	QTZT	Non-Mineralized	N-AML	430	0.26	<5	3			70	<20	0.13	<10	<10	35	<10		
E754453	K-08-0154	173.74	175.15	QTZT	QTZT	Non-Mineralized	N-AML	400	0.39	<5	4			71	<20	0.14	<10	<10	40	<10		
E754449	K-08-0154	165.06	168.08	QTZT	QTZT	Non-Mineralized	N-AML	300	0.47	<5	4			94	<20	0.16	<10	<10	44	<10		
E754458	K-08-0154	182.4	183.86	QTZT	QTZT	Non-Mineralized	N-AML	150	0.17	<5	1			11	<20	0.06	<10	<10	9	<10		
E754459	K-08-0154	183.86	185.02	QTZT	QTZT	Non-Mineralized	N-AML	390	0.23	5	1			12	<20	0.05	<10	<10	11	<10		
E754460	K-08-0154	185.02	185.93	QTZT	QTZT	Non-Mineralized	N-AML	290	0.49	<5	3			43	<20	0.14	<10	<10	35	<10		
E754461	K-08-0154	185.93	188.6	QTZT	QTZT	Non-Mineralized	N-AML	410	0.58	<5	6			79	<20	0.19	<10	<10	59	<10		
E754465	K-08-0154	194.21	195.07	QTZT	QTZT	Non-Mineralized	N-AML	280	0.23	<5	1			7	<20	0.07	<10	<10	7	<10		
E754467	K-08-0154	195.07	196.57	QTZT	QTZT	Non-Mineralized	N-AML	140	0.06	<5	<1			1	<20	0.06	<10	<10	4	<10		
E754462	K-08-0154	188.6	189.25	QTZT	QTZT	Non-Mineralized	N-AML	230	1.17	<5	2			18	<20	0.08	<10	<10	26	<10		
E754468	K-08-0154	196.57	198.12	QTZT	QTZT	Non-Mineralized	N-AML	420	0.14	<5	3			46	<20	0.13	<10	<10	31	<10		
E754469	K-08-0154	198.12	199.62	QTZT	QTZT	Non-Mineralized	N-AML	130	0.07	<5	1			3	<20	0.08	<10	<10	5	<10		
E754470	K-08-0154	199.62	201.11	QTZT	QTZT	Non-Mineralized	N-AML	130	0.05	<5	<1			2	<20	0.08	<10	<10	4	<10		
E754472	K-08-0154	201.11	202.7	QTZT	QTZT	Non-Mineralized	N-AML	520	0.34	<5	2			12	<20	0.11	<10	<10	18	10		
E754464	K-08-0154	192.18	194.21	QTZT	QTZT	Non-Mineralized	N-AML	870	0.65	<5	2			16	<20	0.09	<10	<10	18	<10		
E754478	K-08-0154	213.36	216.33	QTZT	QTZT	Non-Mineralized	N-AML	590	0.31	<5	6			52	<20	0.22	<10	<10	63	<10		
E754473	K-08-0154	202.7	205.68	QTZT	QTZT	Non-Mineralized	N-AML	280	0.23	<5	3			65	<20	0.13	<10	<10	37	<10		
E754481	K-08-0154	221.3	224.09	QTZT	QTZT	Non-Mineralized	N-AML	460	0.51	<5	4			42	<20	0.14	<10	<10	48	<10		
E754479	K-08-0154	216.33	219.33	QTZT	QTZT	Non-Mineralized	N-AML	460	0.82	<5	4			47	<20	0.16	<10	<10	49	10		
E754477	K-08-0154	210.31	213.36	QTZT	QTZT	Non-Mineralized	N-AML	750	0.62	<5	10			174	<20	0.29	<10	<10	105	<10		
E754476	K-08-0154	208.31	210.31	QTZT	QTZT	Non-Mineralized	N-AML	1220	0.95	<5	15			214	<20	0.49	<10	<10	172	1400		
E754474	K-08-0154	205.68	208.31	QTZT	QTZT	Non-Mineralized	N-AML	510	0.41	<5	7			69	<20	0.22	<10	<10	77	<10		
E754480	K-08-0154	219.33	221.3	QTZT	QTZT	Non-Mineralized	N-AML	390	0.38	5	5			52	<20	0.17	<10	<10	53	<10		
E754488	K-08-0154	237.38	240.4	QTZT	QTZT	Non-Mineralized	N-AML	150	0.1	<5	1			8	<20	0.05	<10	<10	5	<10		
E754487	K-08-0154	234.38	237.38	QTZT	QTZT	Non-Mineralized	N-AML	110	0.07	<5	1			3	<20	0.06	<10	<10	7	<10		
E754486	K-08-0154	231.4	234.38	QTZT	QTZT	Non-Mineralized	N-AML	180	0.23	<5	1			12	<20	0.08	<10	<10	12	<10		
E754485	K-08-0154	228.43	231.4	QTZT	QTZT	Non-Mineralized	N-AML	250	0.13	<5	2			11	<20	0.11	<10	<10	23	<10		
E754483	K-08-0154	225.43	228.43	QTZT	QTZT	Non-Mineralized	N-AML	180	0.09	<5	1			11	<20	0.06	<10	<10	9	<10		
E754490	K-08-0154	242.44	243.84	QTZT	QTZT	Non-Mineralized	N-AML	390	0.33	<5	2			11	<20	0.09	<10	<10	16	<10		
E754489	K-08-0154	240.4	242.44	QTZT	QTZT	Non-Mineralized	N-AML	220	0.15	<5	2			14	<20	0.11	<10	<10	24	<10		
E603078	K-08-0155	33.78	36.15	QTZT	QTZT	Non-Mineralized	N-AML	410	0.1	<5	2			74	<20	0.08	<10	<10	24	<10		
E603076	K-08-0155	31.05	33.78	QTZT	QTZT	Non-Mineralized	N-AML	470	0.2	<5	3			88	<20	0.1	<10	<10	33	<10		
E603079	K-08-0155	36.15	39.32	QTZT	QTZT	Non-Mineralized	N-AML	340	0.17	<5	3			87	<20	0.11	<10	<10	29	<10		
E603080	K-08-0155	39.32	41.87	QTZT	QTZT	Non-Mineralized	N-AML	390	0.28	<5	4			111	<20	0.14	<10	<10	41	<10		
E603075	K-08-0155	28.83	31.05	QTZT	QTZT	Non-Mineralized	N-AML	390	0.15	<5	2			62	<20	0.07	<10	<10	19	<10		
E603074	K-08-0155	25.45	28.83	QTZT	QTZT	Non-Mineralized	N-AML	630	0.13	5	9			139	<20	0.2	<10	<10	75	<10		
E603100	K-08-0155	81.99	85.04	QTZT	QTZT	Non-Mineralized	N-AML	330	0.24	<5	4			130	<20	0.14	<10	<10	39	<10		
E603106	K-08-0155	97.23	100.28	QTZT	QTZT	Non-Mineralized	N-AML	560	0.52	<5	8			90	<20	0.25	<10	<10	81	<10		
E603105	K-08-0155	94.18	97.23	QTZT	QTZT	Non-Mineralized	N-AML	290	0.12	<5	2			44	<20	0.08	<10	<10	17	<10		
E603104	K-08-0155	91.14	94.18	QTZT	QTZT	Non-Mineralized	N-AML	440	0.25	<5	6			69	<20	0.21	<10	<10	61	<10		
E603102	K-08-0155	88.09	91.14	QTZT	QTZT	Non-Mineralized	N-AML	610	0.31	<5	8			162	<20	0.26	<10	<10	81	<10		
E603101	K-08-0155	85.04	88.09	QTZT	QTZT	Non-Mineralized	N-AML	410	0.24	<5	5			119	<20	0.18	<10	<10	43	<10		
E603097	K-08-0155	72.85	75.9	QTZT	QTZT	Non-Mineralized	N-AML	240	0.11	<5	1			42	<20	0.05	<10	<10	9	<10		
E603096	K-08-0155	69.85	72.85	QTZT	QTZT	Non-Mineralized	N-AML	390	0.39	<5	5			56	<20	0.1	<10	<10	56	<10		
E603145	K-08-0155	136.86	138.15	QTZT	QTZT	Non-Mineralized	N-AML	340	0.23	<5	1			5	<20	0.07	<10	<10	10	<10		
E603147	K-08-0155	138.15	139.9	QTZT	QTZT	Non-Mineralized	N-AML	470	0.26	<5	3			11	<20	0.13	<10	<10	36	10		
E603148	K-08-0155	139.9	142.34	QTZT	QTZT	Non-Mineralized	P-AML	1000	1.52	7	12			76	<20	0.37	<10	<10	130	<10		
E603109	K-08-0155	106.38	109.42	QTZT	QTZT	Non-Mineralized	N-AML	360	0.22	<5	3			32	<20	0.1	<10	<10	25	<10		
E603110	K-08-0155	109.42	112.47	QTZT	QTZT	Non-Mineralized	N-AML	330	0.35	<5	3			32	<20	0.1	<10	<10	24	<10		
E770427	K-08-0156	14.11	15.95	QTZT	QTZT	Non-Mineralized	N-AML	340	0.05	<5	5			65	<20	0.16	<10	<10	43	<10		
E770426	K-08-0156	11.28	14.11	QTZT	QTZT	Non-Mineralized	N-AML	410	0.02	<5	7			68	<20	0.23	<10	<10	64	<10		
E770424	K-08-0156	9.11	11.28	QTZT	QTZT	Non-Mineralized	N-AML	300	0.02	<5	5			59	<20	0.18	<10	<10	45	<10		
E770423	K-08-0156	7.5	9.11	QTZT	QTZT	Non-Mineralized	N-AML	130	0.01	<5	1			12	<20	0.07	<10	<10	9	<10		
E770422	K-08-0156	4.57	7.5	QTZT	QTZT	Non-Mineralized	N-AML	440	0.03	<5	5			90	<20	0.2	<10	<10	55	<10		
E770439	K-08-0156	40.69	43.68	QTZT	QTZT	Non-Mineralized	N-AML	460	0.14	<5	6			84	<20	0.19	<10	<10	54	10		
E770441	K-08-0156	46.66	49.65	QTZT	QTZT	Non-Mineralized	P-AML	560	0.09	<5	8			118	<20	0.25	10	<10	76	<10		
E770443	K-08-0156	52.18	54.66	QTZT	QTZT	Non-Mineralized	N-AML	360	0.06	<5	5			86	<20	0.18	<10	<10	46	<10		
E770440	K-08-0156	43.68	46.66	QTZT	QTZT	Non-Mineralized	N-AML	500	0.07	<5	8			105	<20	0.21	<10	<10	69	<10		
E770442	K-08-0156	49.65	52.18	QTZT	QTZT	Non-Mineralized	N-AML	280	0.08	<5	2			40	<20	0.1	<10	<10	22	<10		
E770449	K-08-0156	65.1	67.23	QTZT	QTZT	Non-Mineralized	N-AML	240	0.08	<5	1			28	<20	0.05	<10	<10	10	<10		
E770480	K-08-0156	96.26	97.26	QTZT	QTZT	Non-Mineralized	N-AML	390	0.35	10	4			20	<20	0.14	<10	<10	45	<10		
E770476	K-08-0156	94.1	95.1	QTZT	QTZT	Non-Mineralized	N-AML	220	0.09	<5	1			6	<20	0.06	<10	<10	16	<10		
E770483	K-08-0156	99.26	100.67	QTZT	QTZT	Non-Mineralized	N-AML	80	0.18	<5	1			3	<20	0.06	<10	<10	6	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E770482	K-08-0156	98.26	99.26	QTZT	QTZT	Non-Mineralized	N-AML	170	0.15	<5	1			4	<20	0.07	<10	<10	11	<10		
E770481	K-08-0156	97.26	98.26	QTZT	QTZT	Non-Mineralized	N-AML	100	0.16	5	1			3	<20	0.05	<10	<10	9	<10		
E770466	K-08-0156	88.02	88.88	QTZT	QTZT	Non-Mineralized	N-AML	700	0.72	9	7			37	<20	0.19	<10	<10	74	<10		
E770477	K-08-0156	95.1	95.8	QTZT	QTZT	Non-Mineralized	N-AML	100	0.19	<5	1			4	<20	0.06	<10	<10	8	<10		
E770487	K-08-0156	102.4	105.4	QTZT	QTZT	Non-Mineralized	N-AML	610	0.31	<5	6			61	<20	0.21	<10	<10	69	<10		
E770494	K-08-0156	118.5	121.01	QTZT	QTZT	Non-Mineralized	N-AML	120	0.13	<5	1			13	<20	0.06	<10	<10	8	<10		
E770493	K-08-0156	116.9	118.5	QTZT	QTZT	Non-Mineralized	N-AML	430	1.36	<5	7			149	<20	0.23	10	<10	88	<10		
E770491	K-08-0156	113.9	116.9	QTZT	QTZT	Non-Mineralized	N-AML	250	0.28	<5	2			53	<20	0.12	<10	<10	26	<10		
E770490	K-08-0156	111.27	113.9	QTZT	QTZT	Non-Mineralized	N-AML	750	1.01	7	8			240	<20	0.28	<10	<10	92	<10		
E770488	K-08-0156	105.4	108.34	QTZT	QTZT	Non-Mineralized	N-AML	540	0.37	10	9			107	<20	0.27	<10	<10	89	<10		
E770484	K-08-0156	100.67	101.9	QTZT	QTZT	Non-Mineralized	N-AML	580	1.34	7	6			47	<20	0.18	<10	<10	66	<10		
E770489	K-08-0156	108.34	111.27	QTZT	QTZT	Non-Mineralized	N-AML	200	0.22	<5	2			32	<20	0.11	<10	<10	24	<10		
E603150	K-08-0157	9	12	QTZT	QTZT	Non-Mineralized	N-AML	600	0.07	<5	7			133	<20	0.25	<10	<10	71	<10		
E603149	K-08-0157	6.1	9	QTZT	QTZT	Non-Mineralized	N-AML	180	0.01	<5	3			40	<20	0.13	<10	<10	28	<10		
E603151	K-08-0157	12	14.75	QTZT	QTZT	Non-Mineralized	N-AML	130	0.02	<5	1			16	<20	0.07	<10	<10	9	<10		
E603168	K-08-0157	48	49	QTZT	QTZT	Non-Mineralized	N-AML	830	0.09	<5	12			148	<20	0.32	<10	<10	115	<10		
E603169	K-08-0157	49	50	QTZT	QTZT	Non-Mineralized	N-AML	400	0.1	<5	4			57	<20	0.15	<10	<10	39	<10		
E603171	K-08-0157	50	51	QTZT	QTZT	Non-Mineralized	N-AML	290	0.19	<5	2			22	<20	0.07	<10	<10	16	<10		
E603172	K-08-0157	51	54	QTZT	QTZT	Non-Mineralized	N-AML	410	0.18	<5	4			62	<20	0.15	<10	<10	38	<10		
E603173	K-08-0157	54	57	QTZT	QTZT	Non-Mineralized	N-AML	410	0.21	<5	3			36	<20	0.1	<10	<10	24	<10		
E603174	K-08-0157	57	58.3	QTZT	QTZT	Non-Mineralized	N-AML	560	0.1	<5	9			125	<20	0.23	<10	<10	81	<10		
E603167	K-08-0157	45	48	QTZT	QTZT	Non-Mineralized	N-AML	370	0.08	<5	5			68	<20	0.18	<10	<10	50	<10		
E603165	K-08-0157	42.75	45	QTZT	QTZT	Non-Mineralized	N-AML	560	0.07	<5	2			32	<20	0.07	<10	<10	13	<10		
E603175	K-08-0157	58.3	61	QTZT	QTZT	Non-Mineralized	N-AML	230	0.08	<5	1			26	<20	0.07	<10	<10	9	<10		
E603177	K-08-0157	61	64	QTZT	QTZT	Non-Mineralized	N-AML	220	0.06	<5	1			32	<20	0.08	<10	<10	12	<10		
E603178	K-08-0157	64	65.81	QTZT	QTZT	Non-Mineralized	N-AML	210	0.08	<5	1			21	<20	0.06	<10	<10	9	<10		
E603187	K-08-0157	81.38	82.75	QTZT	QTZT	Non-Mineralized	N-AML	240	0.08	<5	1			40	<20	0.06	<10	<10	13	<10		
E603189	K-08-0157	82.75	84	QTZT	QTZT	Non-Mineralized	N-AML	190	0.05	6	1			8	<20	0.06	<10	<10	9	<10		
E603190	K-08-0157	84	85.15	QTZT	QTZT	Non-Mineralized	N-AML	130	0.09	6	1			11	<20	0.05	<10	<10	10	<10		
E603210	K-08-0157	101	102	QTZT	QTZT	Non-Mineralized	N-AML	130	0.01	5	2			6	<20	0.06	<10	<10	16	<10		
E603212	K-08-0157	102	102.5	QTZT	QTZT	Non-Mineralized	N-AML	230	0.4	94	3			20	<20	0.05	<10	<10	25	<10		
E603215	K-08-0157	104	105	QTZT	QTZT	Non-Mineralized	N-AML	250	0.05	<5	2			12	<20	0.11	<10	<10	29	<10		
E603218	K-08-0157	106	107	QTZT	QTZT	Non-Mineralized	N-AML	150	0.14	<5	1			7	<20	0.06	<10	<10	17	<10		
E603223	K-08-0157	111	112	QTZT	QTZT	Non-Mineralized	N-AML	80	0.01	<5	<1			1	<20	0.07	<10	<10	6	<10		
E603224	K-08-0157	112	113.6	QTZT	QTZT	Non-Mineralized	N-AML	170	0.05	5	<1			5	<20	0.06	<10	<10	6	<10		
E603194	K-08-0157	88	89.2	QTZT	QTZT	Non-Mineralized	N-AML	550	0.13	<5	4			41	<20	0.12	<10	<10	36	<10		
E603195	K-08-0157	89.2	90	QTZT	QTZT	Non-Mineralized	N-AML	400	0.08	7	5			68	<20	0.19	<10	<10	56	<10		
E603196	K-08-0157	90	91	QTZT	QTZT	Non-Mineralized	N-AML	280	0.1	<5	3			29	<20	0.12	<10	<10	27	<10		
E603206	K-08-0157	98.25	99	QTZT	QTZT	Non-Mineralized	N-AML	850	0.03	<5	15			339	<20	0.36	<10	10	129	<10		
E603198	K-08-0157	91	92	QTZT	QTZT	Non-Mineralized	N-AML	210	0.06	<5	2			18	<20	0.09	<10	<10	18	<10		
E603230	K-08-0157	119	120.4	QTZT	QTZT	Non-Mineralized	N-AML	90	0.06	<5	1			5	<20	0.06	<10	<10	5	10		
E603228	K-08-0157	117	118	QTZT	QTZT	Non-Mineralized	N-AML	70	0.07	<5	1			5	<20	0.06	10	<10	5	<10		
E603229	K-08-0157	118	119	QTZT	QTZT	Non-Mineralized	N-AML	80	0.05	<5	1			4	<20	0.07	10	<10	6	10		
E770495	K-08-0158	5.43	8.44	QTZT	QTZT	Non-Mineralized	N-AML	340	0.02	5	6			97	<20	0.22	10	<10	63	<10		
E770496	K-08-0158	8.44	11.67	QTZT	QTZT	Non-Mineralized	N-AML	320	0.03	<5	9			109	<20	0.19	<10	<10	82	<10		
E770498	K-08-0158	11.67	13.94	QTZT	QTZT	Non-Mineralized	N-AML	210	0.01	<5	3			44	<20	0.12	<10	<10	27	<10		
E770509	K-08-0158	38.1	39.85	QTZT	QTZT	Non-Mineralized	N-AML	290	0.06	<5	4			71	<20	0.15	<10	<10	35	<10		
E770510	K-08-0158	39.85	41.4	QTZT	QTZT	Non-Mineralized	N-AML	310	0.14	<5	2			26	<20	0.09	<10	<10	22	<10		
E770514	K-08-0158	45.12	48.15	QTZT	QTZT	Non-Mineralized	N-AML	360	0.2	<5	3			51	<20	0.13	<10	<10	31	<10		
E770515	K-08-0158	48.15	51.2	QTZT	QTZT	Non-Mineralized	N-AML	410	0.29	<5	2			76	<20	0.06	<10	<10	16	<10		
E770517	K-08-0158	51.2	54.22	QTZT	QTZT	Non-Mineralized	N-AML	350	0.17	<5	1			39	<20	0.07	<10	<10	14	<10		
E770522	K-08-0158	62.8	65.54	QTZT	QTZT	Non-Mineralized	N-AML	300	0.17	<5	3			69	<20	0.14	<10	<10	34	<10		
E770521	K-08-0158	60.07	62.8	QTZT	QTZT	Non-Mineralized	N-AML	300	0.12	<5	3			48	<20	0.13	<10	<10	29	<10		
E770544	K-08-0158	100.75	102.73	QTZT	QTZT	Non-Mineralized	N-AML	280	0.31	<5	1			38	<20	0.08	<10	<10	16	<10		
E770545	K-08-0158	102.73	105.4	QTZT	QTZT	Non-Mineralized	N-AML	270	0.34	<5	2			43	<20	0.11	<10	<10	24	<10		
E770547	K-08-0158	108.33	111	QTZT	QTZT	Non-Mineralized	N-AML	410	0.43	<5	4			76	<20	0.13	<10	<10	36	<10		
E770552	K-08-0158	117.2	119.33	QTZT	QTZT	Non-Mineralized	N-AML	400	0.53	<5	4			31	<20	0.13	<10	<10	41	<10		
E770551	K-08-0158	115.01	117.2	QTZT	QTZT	Non-Mineralized	N-AML	270	0.22	7	3			14	<20	0.13	<10	<10	35	<10		
E770561	K-08-0158	126.89	128.02	QTZT	QTZT	Non-Mineralized	N-AML	250	0.09	<5	6			12	<20	0.14	<10	<10	65	<10		
E770577	K-08-0158	141.49	142.39	QTZT	QTZT	Non-Mineralized	N-AML	160	0.37	5	2			11	<20	0.08	<10	<10	20	<10		
E770568	K-08-0158	135.02	135.72	QTZT	QTZT	Non-Mineralized	N-AML	200	4.5	42	12			35	<20	0.28	<10	10	106	90		
E770582	K-08-0158	144.95	146	QTZT	QTZT	Non-Mineralized	N-AML	80	0.59	<5	<1			3	<20	0.05	<10	<10	5	<10		
E770588	K-08-0158	150.4	151.62	QTZT	QTZT	Non-Mineralized	N-AML	370	0.31	<5	2			22	<20	0.1	<10	<10	28	<10		
E770587	K-08-0158	149.05	150.4	QTZT	QTZT	Non-Mineralized	N-AML	190	0.25	<5	1			6	<20	0.05	<10	<10	9	<10		
E770584	K-08-0158	147.06	148.1	QTZT	QTZT	Non-Mineralized	N-AML	430	0.29	<5	2			51	<20	0.07	<10	<10	19	<10		
E770583	K-08-0158	146	147.06	QTZT	QTZT	Non-Mineralized	N-AML	150	0.58	<5	1			8	<20	0.07	<10	<10	12	<10		
E756778	K-10-0239	26.51	27.42	QTZT	QTZT	Non-Mineralized	N-AML	60	0.48	21	1			2	<20	0.02	<10	<10	10	<10		
E773701	K-10-0239	34.14	35.65999	QTZT	QTZT	Non-Mineralized	N-AML	370	0.22	10	3			13	<20	0.08	<10	<10	22	<10		
E773700	K-10-0239	33.13	34.14	QTZT	QTZT	Non-Mineralized	N-AML	210	0.13	7	2			7	<20	0.04	<10	<10	9	<10		
E773699	K-10-0239	30.37	33.13	QTZT	QTZT	Non-Mineralized	N-AML	180	0.57	12	3			14	<20	0.08	<10	<10	17	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E773698	K-10-0239	28.99	30.37	QTZT	QTZT	Non-Mineralized	N-AML	190	0.77	23	2			9	<20	0.06	<10	<10	12	<10		
E756779	K-10-0239	27.42	28.04	QTZT	QTZT	Non-Mineralized	N-AML	170	0.11	5	2			3	<20	0.06	<10	<10	12	<10		
E756777	K-10-0239	26.2	26.51	QTZT	QTZT	Non-Mineralized	N-AML	960	0.08	32	9			54	<20	0.22	<10	<10	84	<10		
E756780	K-10-0239	28.04	28.99	QTZT	QTZT	Non-Mineralized	N-AML	350	0.34	5	3			21	<20	0.11	<10	<10	32	<10		
E756802	K-10-0240	19.1	19.25	QTZT	QTZT	Non-Mineralized	N-AML	190	0.04	<5	2			11	<20	0.05	<10	<10	16	<10		
E756803	K-10-0240	19.25	20.72	QTZT	QTZT	Non-Mineralized	N-AML	180	0.05	<5	1			8	<20	0.05	<10	<10	10	<10		
E756824	K-10-0240	38.71	40.23	QTZT	QTZT	Non-Mineralized	N-AML	164	0.25	3	<1	<10	9	8	<5	0.03	<5	<5	16.5	1	1	18
E756823	K-10-0240	37.71	38.71	QTZT	QTZT	Non-Mineralized	N-AML	266	0.414	13	1	<10	21	13	<5	0.06	<5	<5	34.3	2	3	24
E756825	K-10-0240	40.23	42.36999	QTZT	QTZT	Non-Mineralized	N-AML	268	0.239	4	1	<10	7	17	<5	0.04	<5	<5	30.2	<1	3	16
E778066	K-08-0175	9	12	QTZT	QTZT	Non-Mineralized	N-AML	230	0.02	<5	1			78	<20	0.05	<10	<10	13	<10		
E778072	K-08-0175	20	21.65	QTZT	QTZT	Non-Mineralized	N-AML	250	0.04	<5	1			56	<20	0.04	<10	<10	13	<10		
E778070	K-08-0175	18	20	QTZT	QTZT	Non-Mineralized	N-AML	210	0.02	<5	1			58	<20	0.05	<10	<10	9	<10		
E778068	K-08-0175	12	15	QTZT	QTZT	Non-Mineralized	N-AML	310	0.04	<5	3			85	<20	0.11	<10	<10	29	<10		
E778065	K-08-0175	6.1	9	QTZT	QTZT	Non-Mineralized	N-AML	250	0.03	<5	2			73	<20	0.08	<10	<10	18	<10		
E778069	K-08-0175	15	18	QTZT	QTZT	Non-Mineralized	N-AML	200	0.02	<5	2			28	<20	0.08	<10	<10	18	<10		
E778074	K-08-0175	24	27	QTZT	QTZT	Non-Mineralized	N-AML	240	0.03	<5	2			34	<20	0.08	<10	<10	22	<10		
E778073	K-08-0175	21.65	24	QTZT	QTZT	Non-Mineralized	N-AML	410	0.07	<5	3			90	<20	0.08	<10	<10	27	<10		
E778075	K-08-0175	27	29.35	QTZT	QTZT	Mineralized	P-AML	160	0.03	<5	1			37	<20	0.05	<10	<10	9	<10		
E778079	K-08-0175	34	35.76	QTZT	QTZT	Non-Mineralized	N-AML	380	0.13	<5	4			110	<20	0.13	<10	<10	41	<10		
E778078	K-08-0175	32.47	34	QTZT	QTZT	Non-Mineralized	N-AML	290	0.1	<5	1			76	<20	0.05	<10	<10	14	<10		
E778080	K-08-0175	35.76	36.33	QTZT	QTZT	Non-Mineralized	N-AML	280	0.01	<5	12			105	<20	0.32	<10	<10	104	<10		
E778082	K-08-0175	38.3	41.4	QTZT	QTZT	Non-Mineralized	N-AML	140	0.05	<5	2			33	<20	0.09	<10	<10	17	10		
E778089	K-08-0175	57.41	59.98	QTZT	QTZT	Non-Mineralized	N-AML	100	0.02	<5	1			11	<20	0.07	<10	<10	11	<10		
E778090	K-08-0175	59.98	62.03	QTZT	QTZT	Non-Mineralized	N-AML	310	0.08	<5	4			86	<20	0.13	<10	<10	44	<10		
E778091	K-08-0175	62.03	63.58	QTZT	QTZT	Non-Mineralized	N-AML	170	0.18	<5	2			26	<20	0.08	<10	<10	16	<10		
E778092	K-08-0175	63.58	66	QTZT	QTZT	Non-Mineralized	N-AML	630	0.05	5	7			153	<20	0.23	<10	<10	69	<10		
E778095	K-08-0175	69	72	QTZT	QTZT	Non-Mineralized	N-AML	270	0.06	<5	4			39	<20	0.16	<10	<10	42	<10		
E778097	K-08-0175	72	73.68	QTZT	QTZT	Non-Mineralized	N-AML	160	0.04	<5	2			12	<20	0.07	<10	<10	15	<10		
E778093	K-08-0175	66	69	QTZT	QTZT	Non-Mineralized	N-AML	150	0.01	<5	2			28	<20	0.11	<10	<10	22	<10		
E778100	K-08-0175	74.86	76.5	QTZT	QTZT	Non-Mineralized	N-AML	330	0.34	8	3			27	<20	0.12	<10	<10	34	<10		
E778102	K-08-0175	77.95	79.11	QTZT	QTZT	Non-Mineralized	N-AML	270	0.52	7	4			18	<20	0.1	<10	<10	35	<10		
E778104	K-08-0175	81.43	84.29	QTZT	QTZT	Non-Mineralized	N-AML	370	1.87	5	4			18	<20	0.12	<10	<10	40	<10		
E778105	K-08-0175	84.29	86.1	QTZT	QTZT	Non-Mineralized	N-AML	250	0.18	<5	2			8	<20	0.08	<10	<10	20	<10		
E778108	K-08-0175	87.48	88.08	QTZT	QTZT	Non-Mineralized	N-AML	290	0.57	<5	2			13	<20	0.07	<10	<10	22	<10		
E778109	K-08-0175	88.08	90.22	QTZT	QTZT	Non-Mineralized	N-AML	470	0.62	<5	3			26	<20	0.1	<10	<10	32	<10		
E778115	K-08-0175	100	102.23	QTZT	QTZT	Non-Mineralized	N-AML	170	0.08	<5	1			20	<20	0.07	<10	<10	11	<10		
E778114	K-08-0175	98.51	100	QTZT	QTZT	Mineralized	P-AML	100	0.05	<5	1			10	<20	0.07	<10	<10	6	<10		
E778119	K-08-0175	108	109.78	QTZT	QTZT	Non-Mineralized	N-AML	430	0.73	<5	4			93	<20	0.13	<10	<10	38	<10		
E778120	K-08-0175	109.78	110.89	QTZT	QTZT	Non-Mineralized	N-AML	410	0.51	5	6			74	<20	0.19	<10	<10	57	<10		
E778117	K-08-0175	105	108	QTZT	QTZT	Non-Mineralized	N-AML	400	0.36	<5	2			51	<20	0.09	<10	<10	22	<10		
E778116	K-08-0175	102.23	105	QTZT	QTZT	Non-Mineralized	N-AML	410	0.25	6	5			94	<20	0.18	<10	<10	50	<10		
E778154	K-08-0175	150.48	151.05	QTZT	QTZT	Non-Mineralized	N-AML	200	0.41	<5	1			27	<20	0.08	<10	<10	12	<10		
E778167	K-08-0177	30	31.26	QTZT	QTZT	Non-Mineralized	N-AML	380	0.06	6	2			114	<20	0.1	<10	<10	24	<10		
E778166	K-08-0177	27	30	QTZT	QTZT	Non-Mineralized	N-AML	370	0.11	6	2			112	<20	0.07	<10	<10	19	<10		
E778165	K-08-0177	24	27	QTZT	QTZT	Non-Mineralized	N-AML	200	0.04	<5	2			75	<20	0.09	<10	<10	22	<10		
E778163	K-08-0177	21	24	QTZT	QTZT	Non-Mineralized	N-AML	210	0.03	5	1			31	<20	0.06	<10	<10	15	20		
E778162	K-08-0177	18	21	QTZT	QTZT	Non-Mineralized	N-AML	290	0.07	<5	2			112	<20	0.06	<10	<10	16	<10		
E778161	K-08-0177	15	18	QTZT	QTZT	Non-Mineralized	N-AML	200	0.04	<5	1			29	<20	0.05	<10	<10	10	<10		
E778160	K-08-0177	12	15	QTZT	QTZT	Non-Mineralized	N-AML	210	0.03	<5	2			44	<20	0.07	<10	<10	17	<10		
E778159	K-08-0177	9	12	QTZT	QTZT	Non-Mineralized	N-AML	250	0.03	<5	2			57	<20	0.08	<10	<10	21	<10		
E778158	K-08-0177	6	9	QTZT	QTZT	Non-Mineralized	N-AML	290	0.03	<5	1			109	<20	0.05	<10	<10	14	<10		
E778157	K-08-0177	3.05	6	QTZT	QTZT	Non-Mineralized	N-AML	290	0.02	<5	2			86	<20	0.08	<10	<10	18	<10		
E778169	K-08-0177	31.26	32.59	QTZT	QTZT	Mineralized	P-AML	220	0.01	<5	5			74	<20	0.18	<10	<10	47	<10		
E778172	K-08-0177	37	40	QTZT	QTZT	Non-Mineralized	N-AML	340	0.07	5	4			115	<20	0.16	<10	<10	36	<10		
E778175	K-08-0177	45	47.79	QTZT	QTZT	Non-Mineralized	N-AML	390	0.1	<5	5			181	<20	0.2	<10	<10	50	<10		
E778173	K-08-0177	40	43	QTZT	QTZT	Non-Mineralized	N-AML	360	0.09	<5	4			158	<20	0.17	<10	<10	40	<10		
E778171	K-08-0177	34	37	QTZT	QTZT	Non-Mineralized	N-AML	80	0.02	<5	1			31	<20	0.08	<10	<10	7	<10		
E778170	K-08-0177	32.59	34	QTZT	QTZT	Non-Mineralized	N-AML	320	0.09	<5	6			122	<20	0.21	<10	<10	60	<10		
E778174	K-08-0177	43	45	QTZT	QTZT	Non-Mineralized	N-AML	570	0.08	<5	3			109	<20	0.13	<10	<10	33	<10		
E778179	K-08-0177	52.96	55.57	QTZT	QTZT	Non-Mineralized	N-AML	260	0.13	6	2			60	<20	0.1	<10	<10	21	<10		
E778181	K-08-0177	56.73	58.03	QTZT	QTZT	Mineralized	P-AML	110	0.02	<5	1			14	<20	0.09	<10	<10	12	<10		
E778183	K-08-0177	58.93	60.98	QTZT	QTZT	Non-Mineralized	N-AML	180	0.08	<5	2			45	<20	0.12	<10	<10	21	<10		
E778186	K-08-0177	66	67.74	QTZT	QTZT	Non-Mineralized	N-AML	160	0.06	<5	2			42	<20	0.09	<10	<10	16	<10		
E778185	K-08-0177	63.52	66	QTZT	QTZT	Non-Mineralized	N-AML	130	0.06	<5	1			37	<20	0.09	<10	<10	15	<10		
E778195	K-08-0177	77	80	QTZT	QTZT	Non-Mineralized	N-AML	520	0.17	<5	3			54	<20	0.11	<10	<10	31	<10		
E778191	K-08-0177	70.49	71.51	QTZT	QTZT	Non-Mineralized	N-AML	270	0.11	<5	2			65	<20	0.1	<10	<10	20	<10		
E778193	K-08-0177	74	77	QTZT	QTZT	Non-Mineralized	N-AML	440	0.13	<5	2			73	<20	0.08	<10	<10	27	<10		
E778192	K-08-0177	71.51	74	QTZT	QTZT	Non-Mineralized	N-AML	540	0.1	<5	4			94	<20	0.15	<10	<10	46	<10		
E778197	K-08-0177	82.05	85	QTZT	QTZT	Non-Mineralized	N-AML	430	0.06	<5	1			47	<20	0.06	<10	<10	12	<10		
E778198	K-08-0177	85	86.78	QTZT	QTZT	Non-Mineralized	N-AML	520	0.15	<5	7			95	<20	0.23	<10	<10	73	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E778206	K-08-0177	96.98	97.98	QTZT	QTZT	Non-Mineralized	N-AML	230	0.3	<5	4			12	<20	0.11	<10	<10	33	<10		
E778205	K-08-0177	96	96.98	QTZT	QTZT	Non-Mineralized	N-AML	210	0.27	<5	2			24	<20	0.12	<10	<10	30	<10		
E778203	K-08-0177	94.26	96	QTZT	QTZT	Non-Mineralized	N-AML	190	0.17	<5	2			22	<20	0.12	<10	<10	25	<10		
E778225	K-08-0177	125.36	127.08	QTZT	QTZT	Non-Mineralized	N-AML	210	0.46	<5	3			9	<20	0.08	<10	<10	26	10		
E778234	K-08-0177	138.5	139.55	QTZT	QTZT	Non-Mineralized	N-AML	800	0.33	<5	15			199	<20	0.4	<10	<10	144	<10		
E778236	K-08-0177	139.55	141.05	QTZT	QTZT	Non-Mineralized	N-AML	340	0.25	<5	4			62	<20	0.14	<10	<10	41	<10		
E778237	K-08-0177	141.05	143.55	QTZT	QTZT	Non-Mineralized	N-AML	500	0.4	<5	3			172	<20	0.09	<10	<10	31	<10		
E778242	K-08-0177	148	151.09	QTZT	QTZT	Non-Mineralized	N-AML	320	0.42	<5	2			25	<20	0.09	<10	<10	21	<10		
E778243	K-08-0177	151.09	153.07	QTZT	QTZT	Non-Mineralized	N-AML	230	0.14	<5	2			79	<20	0.07	<10	<10	17	<10		
E778233	K-08-0177	137	138.5	QTZT	QTZT	Non-Mineralized	N-AML	320	0.15	<5	3			62	<20	0.08	<10	<10	27	<10		
E778232	K-08-0177	135.5	137	QTZT	QTZT	Non-Mineralized	N-AML	390	0.22	<5	2			14	<20	0.1	<10	<10	27	<10		
E778246	K-08-0177	157.7	158.93	QTZT	QTZT	Non-Mineralized	N-AML	560	0.66	<5	6			267	<20	0.2	<10	<10	60	<10		
E778245	K-08-0177	155.89	157.7	QTZT	QTZT	Non-Mineralized	N-AML	180	0.07	<5	1			5	<20	0.05	<10	<10	7	<10		
E778248	K-08-0177	158.93	161.93	QTZT	QTZT	Non-Mineralized	N-AML	230	0.2	<5	2			37	<20	0.07	<10	<10	16	<10		
E778249	K-08-0177	161.93	164.82	QTZT	QTZT	Non-Mineralized	N-AML	410	0.45	<5	6			71	<20	0.19	<10	<10	60	<10		
E778257	K-08-0177	178.83	180.86	QTZT	QTZT	Non-Mineralized	N-AML	280	0.19	<5	2			56	<20	0.1	<10	<10	21	<10		
E778256	K-08-0177	175.82	178.83	QTZT	QTZT	Non-Mineralized	N-AML	310	0.41	<5	4			64	<20	0.14	<10	<10	38	<10		
E778255	K-08-0177	172.82	175.82	QTZT	QTZT	Non-Mineralized	N-AML	250	0.35	<5	2			50	<20	0.08	<10	<10	22	<10		
E778253	K-08-0177	169.82	172.82	QTZT	QTZT	Non-Mineralized	N-AML	380	0.3	<5	3			65	<20	0.11	<10	<10	28	<10		
E778252	K-08-0177	167.58	169.82	QTZT	QTZT	Non-Mineralized	N-AML	320	0.24	<5	4			70	<20	0.15	<10	<10	40	<10		
E778251	K-08-0177	166.51	167.58	QTZT	QTZT	Non-Mineralized	N-AML	350	0.59	<5	5			74	<20	0.19	<10	<10	55	<10		
E778250	K-08-0177	164.82	166.51	QTZT	QTZT	Non-Mineralized	N-AML	340	0.59	<5	4			52	<20	0.15	<10	<10	47	<10		
E778261	K-08-0177	186.3	189.3	QTZT	QTZT	Non-Mineralized	N-AML	410	0.35	<5	3			75	<20	0.15	<10	<10	36	<10		
E778260	K-08-0177	183.3	186.3	QTZT	QTZT	Non-Mineralized	N-AML	230	0.35	<5	2			54	<20	0.11	<10	<10	25	<10		
E778264	K-08-0177	194.81	197.82	QTZT	QTZT	Non-Mineralized	N-AML	420	0.2	<5	2			46	<20	0.1	<10	<10	22	<10		
E778266	K-08-0177	197.82	199.39	QTZT	QTZT	Non-Mineralized	N-AML	550	0.28	<5	3			60	<20	0.13	<10	<10	34	<10		
E778267	K-08-0177	199.39	201.2	QTZT	QTZT	Non-Mineralized	N-AML	940	0.39	<5	4			83	<20	0.14	<10	<10	38	<10		
E778271	K-08-0177	206.56	208.35	QTZT	QTZT	Non-Mineralized	N-AML	90	0.06	<5	1			24	<20	0.05	<10	<10	5	<10		
E778270	K-08-0177	203.56	206.56	QTZT	QTZT	Non-Mineralized	N-AML	130	0.12	<5	1			14	<20	0.07	<10	<10	11	<10		
E756854	K-10-0241	45.49	47.24	QTZT	QTZT	Non-Mineralized	N-AML	174	0.082	1	2	<10	<5	38	<5	0.07	<5	<5	27	<1	2	20
E756855	K-10-0241	47.24	48.62	QTZT	QTZT	Non-Mineralized	N-AML	125	0.051	<1	<1	<10	<5	117	<5	0.03	<5	<5	10.4	<1	2	12
E756857	K-10-0241	50.94	52.97	QTZT	QTZT	Non-Mineralized	N-AML	253	0.19	6	2	<10	<5	17	<5	0.03	<5	<5	18.9	<1	3	18
E756866	K-10-0241	62.02	63.33	QTZT	QTZT	Non-Mineralized	N-AML	135	0.058	3	<1	<10	<5	11	<5	0.03	<5	<5	9.9	<1	2	12
E756867	K-10-0241	63.33	64.33	QTZT	QTZT	Non-Mineralized	N-AML	144	0.052	2	<1	<10	<5	23	<5	0.04	<5	<5	9.8	<1	3	18
E756864	K-10-0241	60.04	62.02	QTZT	QTZT	Non-Mineralized	N-AML	181	0.081	2	<1	<10	<5	15	<5	0.03	<5	<5	13.9	<1	2	15
E756863	K-10-0241	58.29	60.04	QTZT	QTZT	Non-Mineralized	N-AML	208	0.083	1	<1	<10	<5	15	<5	0.03	<5	<5	10.5	<1	2	12
E756880	K-10-0241	78.25	79.25	QTZT	QTZT	Non-Mineralized	N-AML	130	0.161	4	<1	<10	<5	54	<5	0.04	<5	<5	51.3	<1	2	16
E756907	K-10-0241	104.14	104.8499	QTZT	QTZT	Non-Mineralized	N-AML	300	0.11	5	2			26	<20	0.13	<10	<10	24	<10		
E756906	K-10-0241	102.4	104.14	QTZT	QTZT	Non-Mineralized	N-AML	410	0.15	<5	3			27	<20	0.14	<10	<10	36	<10		
E756905	K-10-0241	101.8	102.4	QTZT	QTZT	Non-Mineralized	N-AML	140	0.21	<5	1			7	<20	0.08	<10	<10	11	<10		
E756921	K-10-0244	91.21	92.96	QTZT	QTZT	Non-Mineralized	N-AML	210	0.54	3.29	1.3	1	8.2	8	2.2	0.056	0.25	0.6	13	1	2.6	15.3
E756922	K-10-0244	92.96	94.32	QTZT	QTZT	Non-Mineralized	N-AML	120	0.64	10.95	1.7	1	17	4.8	2	0.039	0.29	0.5	13	1.6	3.7	14.2
E756963	K-10-0245	115.72	117.099	QTZT	QTZT	Non-Mineralized	N-AML	322	0.165	2	3	<10	<5	19	<5	0.09	<5	<5	34.5	<1	3	19
E773056	K-10-0247	62.03	63.22	QTZT	QTZT	Non-Mineralized	N-AML	146	0.146	<1	<1	<10	<5	12	<5	0.02	<5	<5	9.2	<1	2	8
E773055	K-10-0247	61.23	62.03	QTZT	QTZT	Non-Mineralized	N-AML	154	0.143	<1	<1	<10	<5	15	<5	0.02	<5	<5	10.5	<1	2	10
E756965	K-10-0248	0	3.54	QTZT	QTZT	Non-Mineralized	N-AML	256	0.016	3	6	<10	<5	72	<5	0.13	<5	<5	65.8	1	3	17
E756994	K-10-0248	46.63	48.54	QTZT	QTZT	Non-Mineralized	N-AML	420	0.206	2	6	<10	<5	138	<5	0.05	<5	<5	50.7	<1	4	29
E756995	K-10-0248	48.54	50.59	QTZT	QTZT	Non-Mineralized	N-AML	382	0.196	1	2	<10	<5	91	<5	0.03	<5	<5	24	<1	3	16
E756997	K-10-0248	50.59	51.13	QTZT	QTZT	Non-Mineralized	N-AML	246	0.148	<1	1	<10	<5	60	<5	0.02	<5	<5	11.1	<1	2	13
E757038	K-10-0248	107.44	109.13	QTZT	QTZT	Non-Mineralized	N-AML	300	0.65	<5	1			9	<20	0.05	<10	<10	11	<10		
E757036	K-10-0248	106.06	107.44	QTZT	QTZT	Non-Mineralized	N-AML	320	0.96	<5	2			21	<20	0.08	<10	<10	23	<10		
E757035	K-10-0248	104.39	106.06	QTZT	QTZT	Non-Mineralized	N-AML	280	0.74	<5	2			25	<20	0.09	<10	<10	24	<10		
E757034	K-10-0248	102.8	104.39	QTZT	QTZT	Non-Mineralized	N-AML	640	0.92	7	8			74	<20	0.21	<10	<10	69	<10		
E757033	K-10-0248	101.35	102.8	QTZT	QTZT	Non-Mineralized	N-AML	280	0.49	<5	2			13	<20	0.08	<10	<10	19	<10		
E757031	K-10-0248	100.1	101.35	QTZT	QTZT	Non-Mineralized	N-AML	170	0.57	<5	1			7	<20	0.06	<10	<10	12	<10		
E757045	K-10-0248	115.32	116.59	QTZT	QTZT	Non-Mineralized	N-AML	437	0.292	2	1	<10	12	4	<5	0.03	<5	<5	14.2	<1	2	12
E757049	K-10-0248	119.34	120.36	QTZT	QTZT	Non-Mineralized	N-AML	618	1.05	21	3	<10	118	12	<5	0.1	<5	<5	55.2	5	3	28
E757047	K-10-0248	118.24	119.34	QTZT	QTZT	Non-Mineralized	N-AML	197	0.085	1	<1	<10	1000	3	<5	0.02	<5	<5	11.8	1	1	9
E757058	K-10-0248	128.9	130.21	QTZT	QTZT	Non-Mineralized	N-AML	176	0.371	1	<1	<10	6	3	<5	0.02	<5	<5	9.8	<1	1	7
E757057	K-10-0248	127.71	128.9	QTZT	QTZT	Non-Mineralized	N-AML	389	0.596	2	1	<10	6	8	<5	0.04	<5	<5	16.9	<1	2	12
E757063a	K-10-0248	136.25	137.58	QTZT	QTZT	Non-Mineralized	N-AML	650	0.63	3.78	5.8	2	1.2	50.5	6	0.198	1.14	1.2	60	0.7	5.8	33.1
E757062a	K-10-0248	134.54	136.25	QTZT	QTZT	Non-Mineralized	N-AML	540	0.47	4.69	6.8	2	1.6	59.7	6.8	0.226	1.37	1.2	70	0.8	5.7	34.1
E757061a	K-10-0248	133.2	134.54	QTZT	QTZT	Non-Mineralized	N-AML	210	0.58	1.65	1.2	1	6	8.5	2.1	0.073	0.33	0.5	12	0.8	2.5	14.6
E773129	K-10-0249	136.04	136.88	QTZT	QTZT	Non-Mineralized	N-AML	360	0.12	<5	2			15	<20	0.04	<10	<10	9	<10		
E773130	K-10-0249	136.88	138.49	QTZT	QTZT	Non-Mineralized	N-AML	510	0.16	<5	2			19	<20	0.07	<10	<10	16	<10		
E773138	K-10-0249	144.63	145.55	QTZT	QTZT	Non-Mineralized	N-AML	240	0.09	<5	2			9	<20	0.05	<10	<10	5	<10		
E773139	K-10-0249	145.55	146.52	QTZT	QTZT	Non-Mineralized	N-AML	180	0.06	<5	1			6	<20	0.06	<10	<10	5	<10		
E773137	K-10-0249	143.75	144.63	QTZT	QTZT	Non-Mineralized	N-AML	290	0.12	<5	2			16	<20	0.05	<10	<10	5	<10		
E773136	K-10-0249	142.55	143.75	QTZT	QTZT	Non-Mineralized	N-AML	110	0.06	<5	2			3	<20	0.08	<10	<10	7	<10		
E773141	K-10-0249	146.52	147.22	QTZT	QTZT	Non-Mineralized	N-AML	170	0.21	<5	2			7	<20	0.08	<10	<10	7	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E757149	K-10-0253	69.72	71.23	QTZT	QTZT	Non-Mineralized	N-AML	1440	0.111	<1	2	<10	<5	20	<5	0.03	<5	<5	14.2	<1	4	16
E757151	K-10-0253	71.23	73.29	QTZT	QTZT	Non-Mineralized	N-AML	351	0.119	<1	<1	<10	<5	15	<5	0.02	<5	<5	9.1	<1	2	9
E773615	K-10-0254	115.14	116.78	QTZT	QTZT	Non-Mineralized	N-AML	230	2.04	3.41	1.1	1	9.2	5	1.7	0.043	0.24	0.6	11	1.6	3.4	16.8
E773614	K-10-0254	114.29	115.14	QTZT	QTZT	Non-Mineralized	N-AML	260	0.95	4.02	1.7	1	6.7	8.5	2.3	0.066	0.32	0.8	18	1	4.4	21.9
E773216	K-10-0256	88.27	89.3	QTZT	QTZT	Non-Mineralized	N-AML	320	0.15	71	2			7	<20	0.08	<10	<10	18	<10		
E773217	K-10-0256	89.3	90.67	QTZT	QTZT	Non-Mineralized	N-AML	200	0.03	26	3			26	<20	0.13	<10	<10	32	<10		
E773251	K-10-0262	42.63	44.47	QTZT	QTZT	Non-Mineralized	N-AML	389	0.114	4	3	<10	<5	15	<5	0.07	<5	<5	24.3	<1	4	17
E773250	K-10-0262	40.78	42.63	QTZT	QTZT	Non-Mineralized	N-AML	386	0.145	2	2	<10	<5	35	<5	0.04	<5	<5	17.1	<1	3	16
E773253	K-10-0262	44.47	45.9	QTZT	QTZT	Non-Mineralized	N-AML	288	0.08	2	2	<10	<5	17	<5	0.05	<5	<5	16.7	<1	2	18
E775030	K-10-0265	74.22	75.38	QTZT	QTZT	Non-Mineralized	N-AML	220	0.69	8	3			6	<20	0.1	<10	<10	37	<10		
E775029	K-10-0265	72.64	74.22	QTZT	QTZT	Non-Mineralized	N-AML	170	0.18	8	1			7	<20	0.07	<10	<10	15	<10		
E775031	K-10-0265	75.38	76.96	QTZT	QTZT	Non-Mineralized	N-AML	390	0.45	9	9			24	<20	0.2	<10	<10	86	<10		
E773867	K-10-0314	101	102.04	QTZT	QTZT	Non-Mineralized	N-AML	340	0.18	8	2			4	<20	0.1	<10	<10	9	<10		
E773866	K-10-0314	100.13	101	QTZT	QTZT	Non-Mineralized	N-AML	270	0.15	<5	3			13	<20	0.13	<10	<10	22	<10		
E773864	K-10-0314	98.13	99.13	QTZT	QTZT	Non-Mineralized	N-AML	400	0.02	7	5			33	<20	0.2	<10	<10	44	<10		
E773865	K-10-0314	99.13	100.13	QTZT	QTZT	Non-Mineralized	N-AML	240	0.33	<5	2			11	<20	0.1	<10	<10	12	<10		
E773872	K-10-0314	103.54	104.48	QTZT	QTZT	Mineralized	P-AML	920	0.13	<5	13			23	<20	0.49	<10	<10	151	<10		
E773880	K-10-0314	109.88	110.17	QTZT	QTZT	Non-Mineralized	N-AML	260	0.04	6	4			6	<20	0.11	<10	<10	31	<10		
E773886	K-10-0314	113.35	113.68	QTZT	QTZT	Non-Mineralized	N-AML	80	0.03	<5	2			3	<20	0.06	<10	<10	11	<10		
E773891	K-10-0314	116.99	118	QTZT	QTZT	Non-Mineralized	N-AML	270	0.46	10	8			49	<20	0.18	<10	<10	145	<10		
E773894	K-10-0314	118.9	119.6	QTZT	QTZT	Non-Mineralized	P-AML	320	0.34	14	9			66	<20	0.26	<10	<10	146	<10		
E773892	K-10-0314	118	118.9	QTZT	QTZT	Non-Mineralized	N-AML	250	0.23	5	3			25	<20	0.15	<10	<10	46	<10		
E773905	K-10-0314	131.45	132.45	QTZT	QTZT	Non-Mineralized	N-AML	70	0.03	<5	<1			2	<20	0.04	<10	<10	5	<10		
E773904	K-10-0314	130.45	131.45	QTZT	QTZT	Non-Mineralized	N-AML	70	0.04	<5	<1			1	<20	0.04	<10	<10	5	<10		
E773907	K-10-0314	133.45	134.11	QTZT	QTZT	Non-Mineralized	N-AML	150	0.02	<5	1			3	<20	0.07	<10	<10	7	<10		
E773910	K-10-0314	136.07	137.16	QTZT	QTZT	Non-Mineralized	N-AML	80	0.05	<5	1			3	<20	0.05	<10	<10	8	<10		
E773911	K-10-0314	137.16	137.4	QTZT	QTZT	Non-Mineralized	N-AML	80	0.08	<5	<1			4	<20	0.05	<10	<10	6	<10		
E773909	K-10-0314	134.11	136.07	QTZT	QTZT	Non-Mineralized	N-AML	160	0.15	<5	2			6	<20	0.1	<10	<10	23	<10		
E773906	K-10-0314	132.45	133.45	QTZT	QTZT	Non-Mineralized	N-AML	180	0.02	<5	<1			1	<20	0.07	<10	<10	6	<10		
E773914	K-10-0314	140.21	142.85	QTZT	QTZT	Non-Mineralized	N-AML	60	0.13	<5	<1			1	<20	0.07	<10	<10	5	<10		
E773919	K-10-0314	148.17	149.91	QTZT	QTZT	Non-Mineralized	N-AML	50	0.13	<5	<1			3	<20	0.07	<10	<10	5	<10		
E773917	K-10-0314	146.3	148.17	QTZT	QTZT	Non-Mineralized	N-AML	80	0.55	<5	1			6	<20	0.09	<10	<10	9	<10		
E773920	K-10-0314	149.91	151.29	QTZT	QTZT	Non-Mineralized	N-AML	50	0.11	<5	<1			5	<20	0.06	<10	<10	3	<10		
E773921	K-10-0314	151.29	152.63	QTZT	QTZT	Non-Mineralized	N-AML	70	0.07	<5	1			6	<20	0.07	<10	<10	7	<10		
E773922	K-10-0314	152.63	153.44	QTZT	QTZT	Non-Mineralized	N-AML	50	0.07	<5	<1			2	<20	0.06	<10	<10	4	<10		
E773925	K-10-0314	155.63	156.97	QTZT	QTZT	Non-Mineralized	N-AML	120	0.11	<5	1			7	<20	0.09	<10	<10	12	<10		
E004128	K-11-0331	63.46	65.14	QTZT	QTZT	Non-Mineralized	N-AML	310	0.07	<5	3			21	<20	0.09	<10	<10	20	<10		
E773806	K-10-0306	80.05	81.44	QTZT	QTZT	Non-Mineralized	N-AML	290	0.76	4.1	1	1	13.6	6.3	2.2	0.055	0.25	0.6	10	1.5	3.8	13.4
E773804	K-10-0306	78.58	80.05	QTZT	QTZT	Non-Mineralized	N-AML	430	0.35	2.94	1.5	1	8.2	8.8	2.7	0.073	0.36	1	16	1.3	3.3	16.9
E773807	K-10-0306	81.44	82.66	QTZT	QTZT	Non-Mineralized	N-AML	300	0.28	2.16	1.2	1	10.9	6.6	2.8	0.076	0.31	0.6	13	1	2.9	13.3
E782260	K-10-0308	129	129.7	QTZT	QTZT	Non-Mineralized	N-AML	180	0.06	0.68	1	1	4.3	5.9	2.3	0.078	0.25	0.4	9	1.1	2.7	16.3
E782259	K-10-0308	127.94	129	QTZT	QTZT	Non-Mineralized	N-AML	180	0.11	0.71	0.9	1	3.6	4.8	2.2	0.086	0.22	0.6	7	0.6	2.5	15.6
E774666	K-10-0309	96.01	97.88	QTZT	QTZT	Non-Mineralized	N-AML	160	0.22	2.46	1	1	3	6	3	0.078	0.27	0.6	8	0.6	3.5	21.4
E774665	K-10-0309	94.36	96.01	QTZT	QTZT	Non-Mineralized	N-AML	140	0.11	2.99	0.9	1	3.5	5.6	2.3	0.077	0.2	0.5	7	0.5	3.6	19.2
E782304	K-10-0316	54.3	56.3	QTZT	QTZT	Non-Mineralized	N-AML	70	0.005	<5	1			5	<20	0.08	<10	<10	8	<10		
E782306	K-10-0316	58.4	60.21	QTZT	QTZT	Non-Mineralized	N-AML	250	0.01	<5	3			28	<20	0.15	<10	<10	32	<10		
E782311	K-10-0317	27.42	30.2	QTZT	QTZT	Non-Mineralized	N-AML	30	0.01	5	1			4	<20	0.05	<10	<10	4	<10		
E782312	K-10-0317	56.39	58.31	QTZT	QTZT	Non-Mineralized	N-AML	130	0.005	<5	1			11	<20	0.07	<10	<10	6	<10		
E782314	K-10-0317	58.31	60	QTZT	QTZT	Non-Mineralized	N-AML	120	0.005	<5	1			21	<20	0.09	<10	<10	10	<10		
E782315	K-10-0317	68.58	72.1	QTZT	QTZT	Non-Mineralized	N-AML	290	0.08	<5	3			18	<20	0.15	<10	<10	32	<10		
E782318	K-10-0317	161.84	163.9	QTZT	QTZT	Non-Mineralized	N-AML	70	0.25	<5	1			3	<20	0.09	<10	<10	7	<10		
E782320	K-10-0317	164.25	165.04	QTZT	QTZT	Non-Mineralized	N-AML	290	0.45	<5	7			56	<20	0.21	<10	<10	74	<10		
E782324	K-10-0317	176.85	178.64	QTZT	QTZT	Non-Mineralized	N-AML	50	0.14	<5	1			10	<20	0.07	<10	<10	4	<10		
E774756	K-10-0318	157.77	158.56	QTZT	QTZT	Non-Mineralized	P-AML	600	1.15	<5	18			17	<20	0.34	<10	<10	191	<10		
E774761	K-10-0318	177.75	179.05	QTZT	QTZT	Non-Mineralized	N-AML	150	0.1	<5	1			8	<20	0.09	<10	<10	11	<10		
E774762	K-10-0318	230.72	231.99	QTZT	QTZT	Non-Mineralized	N-AML	160	0.49	6	2			8	<20	0.08	<10	<10	20	<10		
E774902	K-10-0322	129.1	130.84	QTZT	QTZT	Non-Mineralized	P-AML	650	0.27	6	15			62	<20	0.41	<10	<10	160	<10		
E774903	K-10-0322	130.84	132.43	QTZT	QTZT	Non-Mineralized	N-AML	740	0.36	29	1			30	<20	0.03	<10	<10	7	<10		
E774905	K-10-0322	132.66	134.11	QTZT	QTZT	Non-Mineralized	N-AML	140	0.04	6	1			4	<20	0.07	<10	<10	6	<10		
E774907	K-10-0322	134.11	135.71	QTZT	QTZT	Non-Mineralized	N-AML	160	0.09	7	1			8	<20	0.06	<10	<10	4	<10		
E774908	K-10-0322	135.71	137.54	QTZT	QTZT	Non-Mineralized	N-AML	220	0.11	5	3			33	<20	0.17	<10	<10	38	<10		
E000103	K-11-0324	22.83	23.62	QTZT	QTZT	Non-Mineralized	N-AML	210	0.01	6	3			28	<20	0.11	<10	<10	31	<10		
E000102	K-11-0324	21.64	22.83	QTZT	QTZT	Non-Mineralized	N-AML	130	0.02	8	2			12	<20	0.07	<10	<10	16	<10		
E000119	K-11-0324	41.54	42.6	QTZT	QTZT	Non-Mineralized	N-AML	140	0.02	24	2			15	<20	0.08	<10	<10	21	<10		
E000017	K-11-0325	54.35	55.72	QTZT	QTZT	Non-Mineralized	N-AML	120	0.02	<5	2			8	<20	0.09	<10	<10	17	<10		
E000023	K-11-0325	60.96	62.56	QTZT	QTZT	Non-Mineralized	N-AML	260	0.02	6	2			5	<20	0.06	<10	<10	21	10		
E000025	K-11-0325	62.56	63.67	QTZT	QTZT	Non-Mineralized	N-AML	270	0.02	<5	2			13	<20	0.07	<10	<10	21	<10		
E000027	K-11-0325	64.01	65.4	QTZT	QTZT	Non-Mineralized	N-AML	110	0.5	6	1			9	<20	0.06	<10	<10	10	<10		
E000044	K-11-0325	78	79.1	QTZT	QTZT	Non-Mineralized	N-AML	170	0.4	10	2			10	<20	0.09	<10	<10	22	<10		
E004001	K-11-0327	89.61	90.53	QTZT	QTZT	Non-Mineralized	N-AML	140	0.22	<5	1			7	<20	0.06	<10	<10	5	10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E004028	K-11-0327	111.46	112.17	QTZT	QTZT	Non-Mineralized	N-AML	220	0.18	6	1			3	<20	0.07	<10	<10	12	10		
E000004	K-11-0328	9.14	9.54	QTZT	QTZT	Non-Mineralized	N-AML	360	0.03	13	3			15	<20	0.1	<10	<10	27	<10		
E000008	K-11-0328	34.75	35.58	QTZT	QTZT	Non-Mineralized	N-AML	70	0.08	7	1			7	<20	0.07	<10	<10	11	<10		
E000013	K-11-0328	38.1	39.05	QTZT	QTZT	Non-Mineralized	N-AML	560	0.1	19	4			14	<20	0.07	<10	<10	42	<10		
E004077	K-11-0329	71.4	71.85	QTZT	QTZT	Non-Mineralized	N-AML	80	0.04	<5	1			9	<20	0.07	<10	<10	9	<10		
E004087	K-11-0329	79.33	80.25	QTZT	QTZT	Non-Mineralized	N-AML	170	0.07	7	2			5	<20	0.07	<10	<10	17	<10		
E004030	K-11-0332	51.08	52.84	QTZT	QTZT	Non-Mineralized	N-AML	280	0.06	39	4			23	<20	0.11	<10	<10	38	10		
E004041	K-11-0332	59.97	60.35	QTZT	QTZT	Non-Mineralized	N-AML	350	0.91	45	5			50	<20	0.15	10	<10	50	10		
E004054	K-11-0332	70.2	71.62	QTZT	QTZT	Non-Mineralized	N-AML	150	0.52	18	1			4	<20	0.05	<10	<10	15	10		
E770096	K-08-0135	136	139	QTZT	QTZT	Mineralized	P-AML	360	0.54	<5	3			61	<20	0.1	<10	<10	26	10		
E770101	K-08-0135	142.95	144	QTZT	QTZT	Mineralized	P-AML	120	6	48	2			11	<20	0.06	<10	<10	17	10		
E770100	K-08-0135	141.3	142.95	QTZT	QTZT	Mineralized	P-AML	220	7.46	123	3			24	<20	0.1	10	<10	29	<10		
E770111	K-08-0135	152.1	153	QTZT	QTZT	Mineralized	P-AML	100	0.79	<5	1			3	<20	0.04	<10	<10	4	10		
E770112	K-08-0135	153	154	QTZT	QTZT	Mineralized	P-AML	400	0.81	6	5			39	<20	0.19	10	<10	58	10		
E770113	K-08-0135	154	155	QTZT	QTZT	Mineralized	P-AML	80	2.22	<5	1			2	<20	0.04	10	<10	5	10		
E770114	K-08-0135	155	156	QTZT	QTZT	Mineralized	P-AML	70	3.72	6	1			3	<20	0.02	10	<10	3	<10		
E770116	K-08-0135	156	157.3	QTZT	QTZT	Mineralized	P-AML	130	1.68	7	1			4	<20	0.05	<10	<10	10	10		
E770105	K-08-0135	146	147	QTZT	QTZT	Mineralized	P-AML	130	1.02	9	1			8	<20	0.06	<10	<10	7	10		
E770102	K-08-0135	144	145	QTZT	QTZT	Mineralized	P-AML	500	3.54	11	3			20	<20	0.1	10	<10	29	10		
E770121	K-08-0135	161.24	164.29	QTZT	QTZT	Mineralized	P-AML	170	3.49	15	2			12	<20	0.06	<10	<10	20	<10		
E770122	K-08-0135	164.29	165	QTZT	QTZT	Mineralized	P-AML	110	0.33	<5	1			7	<20	0.09	<10	<10	13	<10		
E770128	K-08-0135	169	170	QTZT	QTZT	Mineralized	P-AML	100	0.21	<5	1			4	<20	0.05	<10	<10	4	<10		
E770132	K-08-0135	172	173.07	QTZT	QTZT	Mineralized	P-AML	530	1.56	<5	2			11	<20	0.08	<10	<10	22	<10		
E770334	K-08-0145	116.17	117.16	QTZT	QTZT	Mineralized	P-AML	420	0.24	21	3			10	<20	0.13	10	<10	38	<10		
E770330	K-08-0145	113.06	113.15	QTZT	QTZT	Mineralized	P-AML	40	10	265	<1			5	<20	0.01	<10	<10	<1	10		
E770328	K-08-0145	111.15	112.17	QTZT	QTZT	Mineralized	P-AML	240	2.83	19	3			11	<20	0.07	<10	<10	22	<10		
E770329	K-08-0145	112.17	113.06	QTZT	QTZT	Mineralized	P-AML	100	1.94	24	2			7	<20	0.04	<10	<10	12	<10		
E751557	K-07-0069	124.48	126.48	QTZT	QTZT	Mineralized	P-AML	990	0.85	5	7			101	<20	0.24	<10	<10	75	<10		
E751604	K-07-0069	165.2	165.7	QTZT	QTZT	Mineralized	P-AML	10	10	61	<1			1	<20	<0.01	10	<10	<1	30		
E751605	K-07-0069	165.7	166.2	QTZT	QTZT	Mineralized	P-AML	40	3.58	14	2			<1	<20	<0.01	10	10	2	50		
E751608	K-07-0069	166.7	167.2	QTZT	QTZT	Mineralized	P-AML	550	3.49	32	7			24	<20	0.21	10	<10	74	10		
E751602	K-07-0069	164.2	164.7	QTZT	QTZT	Mineralized	P-AML	20	10	76	<1			1	<20	<0.01	<10	<10	<1	<10		
E751618	K-07-0069	175.7	177.7	QTZT	QTZT	Mineralized	P-AML	170	1.06	7	2			7	<20	0.1	<10	<10	21	<10		
E751629	K-07-0069	195.71	197.71	QTZT	QTZT	Mineralized	P-AML	320	1	<5	3			26	<20	0.15	<10	<10	30	<10		
E751603	K-07-0069	164.7	165.2	QTZT	QTZT	Mineralized	P-AML	<10	10	34	<1			<1	<20	<0.01	<10	<10	<1	20		
E751595	K-07-0069	160.37	161.2	QTZT	QTZT	Mineralized	P-AML	90	0.88	<5	1			4	<20	0.07	<10	<10	9	<10		
E751588	K-07-0069	155.49	156.37	QTZT	QTZT	Mineralized	P-AML	650	1.27	10	8			58	<20	0.24	<10	<10	82	10		
E751590	K-07-0069	156.37	157.37	QTZT	QTZT	Mineralized	P-AML	570	1.11	<5	5			34	<20	0.14	<10	<10	54	<10		
E751594	K-07-0069	159.37	160.37	QTZT	QTZT	Mineralized	P-AML	150	1.25	8	2			13	<20	0.09	<10	<10	22	<10		
E751596	K-07-0069	161.2	161.7	QTZT	QTZT	Mineralized	P-AML	30	10	39	1			2	<20	0.02	10	10	4	<10		
E751599	K-07-0069	162.7	163.2	QTZT	QTZT	Mineralized	P-AML	<10	10	366	1			6	<20	0.01	10	10	4	30		
E751600	K-07-0069	163.2	163.7	QTZT	QTZT	Mineralized	P-AML	<10	10	69	2			3	<20	<0.01	10	<10	3	<10		
E751597	K-07-0069	161.7	162.2	QTZT	QTZT	Mineralized	P-AML	10	10	54	<1			1	<20	0.01	<10	10	3	<10		
E599831	K-07-0072	107	109	QTZT	QTZT	Mineralized	P-AML	340	0.51	5	2			81	<20	0.1	<10	<10	25	<10		
E599832	K-07-0072	109	110.4	QTZT	QTZT	Mineralized	P-AML	230	0.33	5	1			21	<20	0.05	<10	<10	11	<10		
E599987	K-07-0074	115.85	117.85	QTZT	QTZT	Mineralized	P-AML	520	0.41	<5	4			261	<20	0.1	<10	<10	37	<10		
E599992	K-07-0074	122.85	124.85	QTZT	QTZT	Mineralized	P-AML	340	0.34	<5	3			40	<20	0.11	<10	<10	27	<10		
E600001	K-07-0074	133.85	134.85	QTZT	QTZT	Mineralized	P-AML	290	0.3	<5	1			55	<20	0.05	<10	<10	11	<10		
E600002	K-07-0074	134.85	135.4	QTZT	QTZT	Mineralized	P-AML	250	0.33	8	1			58	<20	0.04	<10	<10	11	<10		
E599995	K-07-0074	128.85	129.85	QTZT	QTZT	Mineralized	P-AML	410	0.77	<5	3			169	<20	0.12	<10	<10	33	<10		
E600033	K-07-0074	163.18	164.29	QTZT	QTZT	Mineralized	P-AML	190	1.61	41	9			18	<20	0.07	<10	<10	48	<10		
E600020	K-07-0074	154.65	155.8	QTZT	QTZT	Mineralized	P-AML	460	3.22	6	6			32	<20	0.14	<10	<10	65	<10		
E600021	K-07-0074	155.8	156.44	QTZT	QTZT	Mineralized	P-AML	10	2.32	16	3			3	<20	<0.01	20	10	7	70		
E600022	K-07-0074	156.44	157	QTZT	QTZT	Mineralized	P-AML	230	1.1	6	2			9	<20	0.08	<10	<10	25	<10		
E600023	K-07-0074	157	158	QTZT	QTZT	Mineralized	P-AML	150	2.01	14	1			3	<20	0.05	<10	<10	9	<10		
E600025	K-07-0074	158	158.85	QTZT	QTZT	Mineralized	P-AML	80	1.5	9	1			2	<20	0.03	<10	<10	4	<10		
E600027	K-07-0074	159.15	160.27	QTZT	QTZT	Mineralized	P-AML	170	0.93	14	3			2	<20	0.02	<10	<10	10	<10		
E600028	K-07-0074	160.27	161.14	QTZT	QTZT	Mineralized	P-AML	20	1.01	<5	4			<1	<20	<0.01	20	10	5	10		
E600029	K-07-0074	161.14	161.92	QTZT	QTZT	Mineralized	P-AML	110	0.35	12	5			3	<20	0.02	10	<10	15	<10		
E600015	K-07-0074	150.65	151.65	QTZT	QTZT	Mineralized	P-AML	530	0.41	<5	3			21	<20	0.09	<10	<10	30	<10		
E600035	K-07-0074	165.3	166.3	QTZT	QTZT	Mineralized	P-AML	400	0.91	39	6			17	<20	0.14	<10	<10	65	<10		
E600038	K-07-0074	167.5	168.5	QTZT	QTZT	Mineralized	P-AML	320	0.34	<5	1			3	<20	0.04	<10	<10	10	<10		
E600046	K-07-0074	180.5	182.5	QTZT	QTZT	Mineralized	P-AML	520	0.32	5	5			79	<20	0.16	<10	<10	51	<10		
E600012	K-07-0074	147.65	148.65	QTZT	QTZT	Mineralized	P-AML	210	0.51	<5	2			12	<20	0.06	<10	<10	15	<10		
E777297	K-08-0138	103.98	106.02	QTZT	QTZT	Mineralized	P-AML	450	0.24	<5	3			31	<20	0.13	<10	<10	36	<10		
E777307	K-08-0138	120.67	120.97	QTZT	QTZT	Mineralized	P-AML	230	0.29	<5	3			6	<20	0.05	10	<10	19	<10		
E601700	K-07-0116	232.67	233.48	QTZT	QTZT	Mineralized	P-AML	90	1.08	<5	<1			1	<20	0.04	<10	<10	5	<10		
E601701	K-07-0116	233.48	234.57	QTZT	QTZT	Mineralized	P-AML	300	0.6	<5	3			24	<20	0.11	<10	<10	35	<10		
E601687	K-07-0116	221.92	223.76	QTZT	QTZT	Mineralized	P-AML	190	3.6	39	3			7	<20	0.07	<10	<10	29	<10		
E601693	K-07-0116	227.38	227.76	QTZT	QTZT	Mineralized	P-AML	120	1.48	7	<1			2	<20	0.03	<10	<10	2	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E601695	K-07-0116	228.66	229.24	QTZT	QTZT	Mineralized	P-AML	180	0.68	5	1			2	<20	0.08	<10	<10	12	<10		
E601825	K-07-0118	151.33	151.72	QTZT	QTZT	Mineralized	P-AML	50	1.91	47	1			2	<20	0.01	<10	10	5	20		
E601811	K-07-0118	132.14	134.3	QTZT	QTZT	Mineralized	P-AML	590	0.51	5	7			143	<20	0.26	<10	<10	82	<10		
E601812	K-07-0118	134.3	136.3	QTZT	QTZT	Mineralized	P-AML	180	0.21	<5	1			26	<20	0.08	<10	<10	12	<10		
E601828	K-07-0118	152.08	153.43	QTZT	QTZT	Mineralized	P-AML	370	1.87	28	5			34	<20	0.13	<10	<10	52	<10		
E601827	K-07-0118	151.72	152.08	QTZT	QTZT	Mineralized	P-AML	40	4.9	92	1			3	<20	0.01	<10	10	9	20		
E601820	K-07-0118	146.49	148.02	QTZT	QTZT	Mineralized	P-AML	250	0.1	<5	1			28	<20	0.06	<10	<10	10	<10		
E601839	K-07-0118	164.55	165.55	QTZT	QTZT	Mineralized	P-AML	590	0.81	5	6			30	<20	0.15	<10	<10	64	<10		
E601845	K-07-0118	169.55	170.36	QTZT	QTZT	Mineralized	P-AML	380	0.45	<5	3			21	<20	0.09	<10	<10	30	<10		
E601846	K-07-0118	170.36	170.72	QTZT	QTZT	Mineralized	P-AML	100	6.09	27	1			4	<20	0.02	<10	<10	9	<10		
E601850	K-07-0118	172.14	172.64	QTZT	QTZT	Mineralized	P-AML	180	3.98	24	2			9	<20	0.04	<10	<10	20	10		
E601847	K-07-0118	170.72	171.42	QTZT	QTZT	Mineralized	P-AML	310	3.59	25	2			7	<20	0.03	<10	<10	15	<10		
E601859	K-07-0118	178.61	179.39	QTZT	QTZT	Mineralized	P-AML	200	0.88	<5	1			3	<20	0.06	<10	<10	8	<10		
E601851	K-07-0118	172.64	173.15	QTZT	QTZT	Mineralized	P-AML	50	3.75	37	2			3	<20	0.01	<10	<10	4	<10		
E601852	K-07-0118	173.15	174.04	QTZT	QTZT	Mineralized	P-AML	10	8.73	63	1			1	<20	<0.01	10	<10	<1	10		
E601853	K-07-0118	174.04	174.56	QTZT	QTZT	Mineralized	P-AML	10	10	103	<1			1	<20	<0.01	<10	<10	<1	<10		
E601854	K-07-0118	174.56	175.06	QTZT	QTZT	Mineralized	P-AML	30	8.9	143	3			4	<20	0.01	<10	<10	5	20		
E601856	K-07-0118	175.06	175.56	QTZT	QTZT	Mineralized	P-AML	520	1.58	6	5			23	<20	0.17	<10	<10	56	<10		
E601858	K-07-0118	177.56	178.61	QTZT	QTZT	Mineralized	P-AML	540	1.2	<5	4			22	<20	0.12	<10	<10	35	<10		
E601848	K-07-0118	171.42	172.14	QTZT	QTZT	Mineralized	P-AML	150	4.38	6	1			5	<20	0.02	<10	<10	8	10		
E601857	K-07-0118	175.56	177.56	QTZT	QTZT	Mineralized	P-AML	420	0.73	10	5			22	<20	0.18	<10	<10	55	<10		
E601870	K-07-0118	190.6	191.6	QTZT	QTZT	Mineralized	P-AML	300	0.25	<5	2			13	<20	0.08	<10	<10	18	<10		
E601868	K-07-0118	188.76	189.76	QTZT	QTZT	Mineralized	P-AML	340	0.21	<5	4			41	<20	0.16	<10	<10	68	<10		
E776790	K-07-0119	190.8	192.94	QTZT	QTZT	Mineralized	P-AML	920	1.54	10	10			51	<20	0.22	<10	<10	98	<10		
E776767	K-07-0119	171.25	171.6	QTZT	QTZT	Mineralized	P-AML	150	3.76	24	3			30	<20	0.05	<10	<10	24	<10		
E776771	K-07-0119	172.04	172.8	QTZT	QTZT	Mineralized	P-AML	500	0.88	14	3			13	<20	0.11	<10	<10	33	<10		
E753645	K-07-0120	174.35	174.65	QTZT	QTZT	Mineralized	P-AML	90	9.09	32	3			2	<20	0.04	<10	<10	12	<10		
E753646	K-07-0120	174.65	175.11	QTZT	QTZT	Mineralized	P-AML	90	1.05	9	1			<1	<20	0.03	<10	<10	6	<10		
E753649	K-07-0120	176	176.78	QTZT	QTZT	Mineralized	P-AML	240	1.39	5	3			4	<20	0.06	<10	<10	21	<10		
E753652	K-07-0120	177.3	178.31	QTZT	QTZT	Mineralized	P-AML	170	1.45	21	2			17	<20	0.1	<10	<10	23	20		
E753639	K-07-0120	167	168.86	QTZT	QTZT	Mineralized	P-AML	270	2.27	8	4			10	<20	0.11	<10	<10	37	<10		
E753650	K-07-0120	176.78	177.3	QTZT	QTZT	Mineralized	P-AML	40	9.06	54	1			1	<20	0.02	<10	<10	6	20		
E753638	K-07-0120	166.8	167	QTZT	QTZT	Mineralized	P-AML	60	0.4	<5	1			3	<20	0.01	<10	10	1	<10		
E776904	K-07-0121	139.5	140.5	QTZT	QTZT	Mineralized	P-AML	220	0.64	9	2			14	<20	0.08	<10	<10	17	<10		
E776921	K-07-0121	150.32	151.18	QTZT	QTZT	Mineralized	P-AML	110	1.15	<5	1			4	<20	0.03	<10	<10	8	20		
E776920	K-07-0121	149.7	150.32	QTZT	QTZT	Mineralized	P-AML	60	0.36	<5	1			1	<20	0.06	<10	<10	3	<10		
E776919	K-07-0121	149.1	149.7	QTZT	QTZT	Mineralized	P-AML	60	1.39	<5	1			2	<20	0.04	<10	<10	3	<10		
E776917	K-07-0121	147.32	148.28	QTZT	QTZT	Mineralized	P-AML	270	1.65	<5	4			24	<20	0.14	<10	<10	39	<10		
E776914	K-07-0121	146.47	146.97	QTZT	QTZT	Mineralized	P-AML	130	8.97	54	2			4	<20	0.04	<10	<10	11	10		
E776913	K-07-0121	145.6	146.47	QTZT	QTZT	Mineralized	P-AML	100	10	59	3			4	<20	0.03	<10	<10	12	<10		
E776912	K-07-0121	144.6	145.6	QTZT	QTZT	Mineralized	P-AML	60	5.33	5	2			2	<20	0.02	<10	<10	5	10		
E776909	K-07-0121	142.86	143.56	QTZT	QTZT	Mineralized	P-AML	160	3.99	169	5			18	<20	0.08	<10	<10	28	20		
E776907	K-07-0121	142.12	142.86	QTZT	QTZT	Mineralized	P-AML	150	4.64	28	3			11	<20	0.07	<10	<10	26	20		
E776902	K-07-0121	137.6	138.51	QTZT	QTZT	Mineralized	P-AML	390	0.78	5	4			35	<20	0.13	<10	<10	40	<10		
E776901	K-07-0121	136.6	137.6	QTZT	QTZT	Mineralized	P-AML	290	1.67	10	13			4	<20	0.34	<10	<10	117	<10		
E776900	K-07-0121	136.1	136.6	QTZT	QTZT	Mineralized	P-AML	410	1.21	17	11			10	<20	0.2	20	<10	97	20		
E776906	K-07-0121	141.5	142.12	QTZT	QTZT	Mineralized	P-AML	340	1.65	8	3			14	<20	0.09	<10	<10	30	<10		
E776922	K-07-0121	151.18	151.5	QTZT	QTZT	Mineralized	P-AML	20	5.05	25	4			2	<20	0.01	10	<10	4	10		
E776935	K-07-0121	164.46	166.42	QTZT	QTZT	Mineralized	P-AML	110	0.07	<5	1			5	<20	0.06	<10	<10	4	<10		
E602234	K-07-0122	158.62	159.68	QTZT	QTZT	Mineralized	P-AML	<10	5.52	147	2			3	<20	<0.01	<10	<10	3	10		
E602243	K-07-0122	164.88	165.71	QTZT	QTZT	Mineralized	P-AML	60	4.65	8	1			1	<20	0.03	<10	<10	4	<10		
E602241	K-07-0122	164.25	164.88	QTZT	QTZT	Mineralized	P-AML	60	7.46	36	1			1	<20	<0.01	<10	10	4	10		
E602240	K-07-0122	163.62	164.25	QTZT	QTZT	Mineralized	P-AML	10	1.35	8	3			4	<20	<0.01	<10	<10	6	<10		
E602239	K-07-0122	162.61	163.62	QTZT	QTZT	Mineralized	P-AML	20	8.18	35	1			2	<20	<0.01	<10	<10	5	<10		
E602238	K-07-0122	161.81	162.61	QTZT	QTZT	Mineralized	P-AML	160	3.28	30	2			5	<20	0.05	<10	<10	23	<10		
E602236	K-07-0122	159.68	160.93	QTZT	QTZT	Mineralized	P-AML	30	0.85	6	1			4	<20	0.01	<10	<10	8	<10		
E602233	K-07-0122	158.01	158.62	QTZT	QTZT	Mineralized	P-AML	<10	8.83	204	1			5	<20	<0.01	<10	<10	3	10		
E602232	K-07-0122	157.59	158.01	QTZT	QTZT	Mineralized	P-AML	<10	10	913	<1			5	<20	<0.01	<10	10	<1	10		
E602230	K-07-0122	156.93	157.59	QTZT	QTZT	Mineralized	P-AML	90	7.55	759	2			19	<20	0.03	<10	<10	14	20		
E602228	K-07-0122	153.46	154.53	QTZT	QTZT	Mineralized	P-AML	470	0.83	<5	6			43	<20	0.16	<10	<10	55	<10		
E602227	K-07-0122	152.64	153.46	QTZT	QTZT	Mineralized	P-AML	590	4.54	12	7			29	<20	0.13	<10	<10	68	10		
E602226	K-07-0122	151.74	152.64	QTZT	QTZT	Mineralized	P-AML	130	2.51	8	2			14	<20	0.02	<10	<10	7	<10		
E602224	K-07-0122	150.71	151.74	QTZT	QTZT	Mineralized	P-AML	310	2.9	6	3			11	<20	0.09	<10	<10	31	<10		
E602237	K-07-0122	160.93	161.81	QTZT	QTZT	Mineralized	P-AML	40	1.02	23	1			2	<20	0.01	<10	<10	4	<10		
E776976	K-07-0123	158.66	159.66	QTZT	QTZT	Mineralized	P-AML	120	8.25	21	2			4	<20	0.04	<10	10	13	<10		
E776973	K-07-0123	156.24	157.24	QTZT	QTZT	Mineralized	P-AML	480	1.01	74	4			9	<20	0.09	<10	<10	31	<10		
E776971	K-07-0123	154.24	155.21	QTZT	QTZT	Mineralized	P-AML	520	2.67	14	22			10	<20	0.49	10	<10	191	<10		
E602287	K-07-0124	179.22	180.4	QTZT	QTZT	Mineralized	P-AML	310	5.19	61	5			19	<20	0.1	<10	<10	49	10		
E602289	K-07-0124	181.7	182.45	QTZT	QTZT	Mineralized	P-AML	30	10	37	1			2	<20	0.01	<10	<10	4	<10		
E602292	K-07-0124	183.2	185.32	QTZT	QTZT	Mineralized	P-AML	40	10	131	2			6	<20	0.03	<10	<10	13	20		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E602288	K-07-0124	180.4	181.7	QTZT	QTZT	Mineralized	P-AML	170	3.55	16	1			4	<20	0.03	<10	<10	8	<10		
E602294	K-07-0124	186.2	187.15	QTZT	QTZT	Mineralized	P-AML	40	9.37	67	2			6	<20	0.02	<10	<10	9	10		
E602293	K-07-0124	185.32	186.2	QTZT	QTZT	Mineralized	P-AML	80	2.76	101	1			3	<20	0.04	10	<10	10	<10		
E602290	K-07-0124	182.45	183.2	QTZT	QTZT	Mineralized	P-AML	70	1.67	26	1			3	<20	0.04	<10	<10	11	<10		
E602361	K-07-0125	99.37	99.97	QTZT	QTZT	Mineralized	P-AML	150	3.92	164	4			12	<20	0.06	<10	<10	28	20		
E602366	K-07-0125	104.66	106.53	QTZT	QTZT	Mineralized	P-AML	640	0.17	6	2			13	<20	0.09	<10	<10	22	<10		
E602365	K-07-0125	103.02	104.66	QTZT	QTZT	Mineralized	P-AML	730	0.27	5	2			13	<20	0.04	<10	<10	15	<10		
E602351	K-07-0125	84.73	85.31	QTZT	QTZT	Mineralized	P-AML	70	6.75	3600	<1			5	<20	0.03	<10	<10	7	10		
E777099	K-07-0126	179.22	180.54	QTZT	QTZT	Mineralized	P-AML	60	0.57	24	1			6	<20	0.03	<10	<10	4	<10		
E754024	K-08-0134	111.17	114.17	QTZT	QTZT	Mineralized	P-AML	380	0.43	<5	2			89	<20	0.07	<10	<10	22	<10		
E754110	K-08-0134	212.75	213.16	QTZT	QTZT	Mineralized	P-AML	20	3.3	11	1			3	<20	0.01	10	10	3	10		
E754111	K-08-0134	213.16	213.44	QTZT	QTZT	Mineralized	P-AML	260	2.8	12	2			8	<20	0.05	<10	<10	18	<10		
E754113	K-08-0134	213.96	214.55	QTZT	QTZT	Mineralized	P-AML	720	3.24	6	7			37	<20	0.21	<10	<10	81	<10		
E754109	K-08-0134	211.66	212.75	QTZT	QTZT	Mineralized	P-AML	80	3.43	58	2			7	<20	0.07	10	10	25	<10		
E754117	K-08-0134	209.02	209.4	QTZT	QTZT	Mineralized	P-AML	<10	10	14	<1			5	<20	<0.01	<10	<10	<1	10		
E754108	K-08-0134	211.36	211.66	QTZT	QTZT	Mineralized	P-AML	30	4.82	92	1			14	<20	<0.01	20	10	1	<10		
E754105	K-08-0134	210.01	210.69	QTZT	QTZT	Mineralized	P-AML	160	2.09	119	1			4	<20	0.08	<10	<10	16	20		
E754103	K-08-0134	209.4	209.73	QTZT	QTZT	Mineralized	P-AML	<10	10	43	<1			2	<20	<0.01	<10	<10	<1	10		
E754100	K-08-0134	208.63	209.02	QTZT	QTZT	Mineralized	P-AML	<10	10	12	<1			3	<20	<0.01	10	<10	1	20		
E754099	K-08-0134	208.13	208.63	QTZT	QTZT	Mineralized	P-AML	<10	10	47	<1			3	<20	<0.01	<10	<10	1	20		
E754104	K-08-0134	209.73	210.01	QTZT	QTZT	Mineralized	P-AML	<10	9.13	15	1			4	<20	<0.01	20	10	1	<10		
E754098	K-08-0134	207.73	208.13	QTZT	QTZT	Mineralized	P-AML	70	10	77	1			5	<20	0.02	<10	<10	8	20		
E754119	K-08-0134	216.6	217.12	QTZT	QTZT	Mineralized	P-AML	130	2.38	<5	1			4	<20	0.04	<10	<10	8	<10		
E754097	K-08-0134	206.96	207.73	QTZT	QTZT	Mineralized	P-AML	120	7.12	19	4			9	<20	0.06	10	<10	25	<10		
E754064	K-08-0134	184.98	185.98	QTZT	QTZT	Mineralized	P-AML	630	2.52	10	7			49	<20	0.2	<10	<10	70	10		
E754073	K-08-0134	192	193.25	QTZT	QTZT	Mineralized	P-AML	1180	1.1	<5	3			10	<20	0.1	10	<10	27	20		
E754072	K-08-0134	190.98	192	QTZT	QTZT	Mineralized	P-AML	630	1.5	5	7			36	<20	0.2	<10	<10	68	10		
E754077	K-08-0134	195.58	196.28	QTZT	QTZT	Mineralized	P-AML	40	10	38	<1			4	<20	0.01	10	<10	<1	<10		
E754087	K-08-0134	201.77	202.43	QTZT	QTZT	Mineralized	P-AML	10	4.78	31	3			4	<20	0.01	20	10	7	<10		
E754096	K-08-0134	206.18	206.96	QTZT	QTZT	Mineralized	P-AML	60	0.96	<5	1			3	<20	0.05	<10	<10	5	<10		
E754095	K-08-0134	205.68	206.18	QTZT	QTZT	Mineralized	P-AML	70	3.67	10	1			5	<20	0.02	10	10	7	<10		
E754094	K-08-0134	205.08	205.68	QTZT	QTZT	Mineralized	P-AML	240	5.02	13	3			38	<20	0.07	10	<10	31	<10		
E754090	K-08-0134	203.68	204.24	QTZT	QTZT	Mineralized	P-AML	30	3.29	<5	1			7	<20	0.02	10	<10	4	<10		
E754076	K-08-0134	195	195.58	QTZT	QTZT	Mineralized	P-AML	100	1.21	<5	1			4	<20	0.04	<10	<10	5	20		
E754083	K-08-0134	200.75	201.34	QTZT	QTZT	Mineralized	P-AML	30	10	24	4			3	<20	0.02	20	10	16	<10		
E754080	K-08-0134	197.22	198.39	QTZT	QTZT	Mineralized	P-AML	290	1.16	<5	1			11	<20	0.06	<10	<10	10	20		
E754079	K-08-0134	196.28	197.22	QTZT	QTZT	Mineralized	P-AML	570	0.75	<5	2			16	<20	0.07	<10	<10	21	10		
E754058	K-08-0134	179.95	180.91	QTZT	QTZT	Mineralized	P-AML	200	0.58	<5	1			4	<20	0.04	<10	<10	10	<10		
E754089	K-08-0134	203.08	203.68	QTZT	QTZT	Mineralized	P-AML	20	10	<5	1			17	<20	<0.01	10	10	2	<10		
E770135	K-08-0135	175	176	QTZT	QTZT	Mineralized	P-AML	160	1	18	1			5	<20	0.07	<10	<10	12	<10		
E770134	K-08-0135	174	175	QTZT	QTZT	Mineralized	P-AML	110	1.22	11	1			5	<20	0.06	<10	<10	8	<10		
E602708	K-08-0136	155.48	157.42	QTZT	QTZT	Mineralized	P-AML	150	3.62	10	2			5	<20	0.11	<10	<10	29	<10		
E602710	K-08-0136	157.42	157.7	QTZT	QTZT	Mineralized	P-AML	30	9.01	1120	2			4	<20	0.05	20	10	17	60		
E602725	K-08-0136	179.22	180.22	QTZT	QTZT	Mineralized	P-AML	610	1.92	<5	2			7	<20	0.09	<10	<10	24	<10		
E602728	K-08-0136	181.22	182.27	QTZT	QTZT	Mineralized	P-AML	90	1.53	<5	<1			11	<20	0.03	<10	<10	3	<10		
E602726	K-08-0136	180.22	181.22	QTZT	QTZT	Mineralized	P-AML	90	1.33	9	<1			3	<20	0.03	<10	<10	3	<10		
E602730	K-08-0136	184	185.32	QTZT	QTZT	Mineralized	P-AML	180	1.79	32	2			8	<20	0.06	<10	<10	22	<10		
E602785	K-08-0137	124.36	124.75	QTZT	QTZT	Mineralized	P-AML	400	1.61	36	7			43	<20	0.24	<10	<10	73	<10		
E602784	K-08-0137	123.75	124.36	QTZT	QTZT	Mineralized	P-AML	210	2.72	69	3			9	<20	0.09	<10	<10	31	10		
E777315	K-08-0138	127.62	127.92	QTZT	QTZT	Mineralized	P-AML	120	1.48	6	1			5	<20	0.04	<10	<10	7	<10		
E777316	K-08-0138	127.92	128.92	QTZT	QTZT	Mineralized	P-AML	270	0.4	<5	1			9	<20	0.06	<10	<10	14	<10		
E777314	K-08-0138	126.34	127.62	QTZT	QTZT	Mineralized	P-AML	220	1.15	5	2			10	<20	0.08	10	<10	19	<10		
E777313	K-08-0138	125.2	126.34	QTZT	QTZT	Mineralized	P-AML	540	1.06	7	10			64	<20	0.27	<10	<10	98	<10		
E777318	K-08-0138	128.92	129.92	QTZT	QTZT	Mineralized	P-AML	270	2.05	8	2			12	<20	0.08	<10	<10	21	<10		
E777332	K-08-0138	151.5	152.5	QTZT	QTZT	Mineralized	P-AML	290	1.67	9	4			19	<20	0.14	10	<10	50	10		
E777334	K-08-0138	152.5	153.48	QTZT	QTZT	Mineralized	P-AML	530	1.48	7	5			29	<20	0.18	<10	<10	60	10		
E777335	K-08-0138	153.48	154.39	QTZT	QTZT	Mineralized	P-AML	70	2.12	14	3			9	<20	0.04	20	10	13	40		
E777337	K-08-0138	154.39	154.65	QTZT	QTZT	Mineralized	P-AML	470	0.83	14	6			22	<20	0.18	10	<10	63	<10		
E777338	K-08-0138	154.65	155.67	QTZT	QTZT	Mineralized	P-AML	20	4.08	81	2			2	<20	0.01	20	<10	3	<10		
E777340	K-08-0138	155.67	156	QTZT	QTZT	Mineralized	P-AML	<10	10	118	<1			<1	<20	<0.01	10	<10	<1	10		
E777341	K-08-0138	156	157.27	QTZT	QTZT	Mineralized	P-AML	10	4.37	152	2			1	<20	<0.01	20	10	<1	<10		
E777348	K-08-0138	161.9	163.3699	QTZT	QTZT	Mineralized	P-AML	380	0.36	<5	2			13	<20	0.11	<10	<10	26	<10		
E777347	K-08-0138	160.38	161.9	QTZT	QTZT	Mineralized	P-AML	370	0.3	5	2			19	<20	0.09	<10	<10	28	<10		
E770173	K-08-0139	139.6	140.6	QTZT	QTZT	Mineralized	P-AML	240	1.93	141	5			10	<20	0.14	<10	<10	53	10		
E754192	K-08-0140	188	189	QTZT	QTZT	Mineralized	P-AML	310	0.94	7	5			39	<20	0.17	<10	<10	53	<10		
E754199	K-08-0140	193	193.24	QTZT	QTZT	Mineralized	P-AML	610	0.72	5	4			17	<20	0.14	<10	<10	43	<10		
E754198	K-08-0140	192.5	193	QTZT	QTZT	Mineralized	P-AML	160	10	56	3			9	<20	0.05	20	<10	21	<10		
E770231	K-08-0141	86.54	88.46	QTZT	QTZT	Mineralized	P-AML	280	0.09	<5	2			45	<20	0.09	<10	<10	18	<10		
E770255	K-08-0141	110.41	110.91	QTZT	QTZT	Mineralized	P-AML	30	10	110	<1			<1	<20	<0.01	<10	<10	<1	30		
E770254	K-08-0141	109.97	110.41	QTZT	QTZT	Mineralized	P-AML	10	3.13	31	1			1	<20	<0.01	10	<10	<1	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E770256	K-08-0141	110.91	111.51	QTZT	QTZT	Mineralized	P-AML	40	10	254	4			3	<20	<0.01	<10	<10	<1	<10		
E770257	K-08-0141	111.51	111.84	QTZT	QTZT	Mineralized	P-AML	40	10	276	2			3	<20	0.01	<10	<10	6	<10		
E770260	K-08-0141	112.15	112.87	QTZT	QTZT	Mineralized	P-AML	220	4.29	5	5			5	<20	0.1	<10	<10	49	<10		
E770259	K-08-0141	111.84	112.15	QTZT	QTZT	Mineralized	P-AML	140	6.58	73	3			7	<20	0.07	<10	<10	29	<10		
E770252	K-08-0141	109.62	109.97	QTZT	QTZT	Mineralized	P-AML	10	7.07	16	2			1	<20	<0.01	<10	<10	<1	<10		
E770251	K-08-0141	109.15	109.62	QTZT	QTZT	Mineralized	P-AML	50	10	111	1			4	<20	<0.01	10	<10	1	<10		
E770250	K-08-0141	108.11	109.15	QTZT	QTZT	Mineralized	P-AML	300	0.03	91	3			18	<20	0.11	<10	<10	38	<10		
E770249	K-08-0141	107.63	108.11	QTZT	QTZT	Mineralized	P-AML	280	0.1	79	2			5	<20	0.05	<10	<10	17	10		
E770246	K-08-0141	105.16	106.07	QTZT	QTZT	Mineralized	P-AML	270	0.1	30	3			14	<20	0.12	<10	<10	40	<10		
E770240	K-08-0141	98.96	100.02	QTZT	QTZT	Mineralized	P-AML	480	0.09	<5	6			80	<20	0.21	<10	<10	66	<10		
E770248	K-08-0141	106.07	107.63	QTZT	QTZT	Mineralized	P-AML	250	0.05	24	2			5	<20	0.06	<10	<10	14	<10		
E770239	K-08-0141	97.98	98.96	QTZT	QTZT	Mineralized	P-AML	840	0.25	<5	10			135	<20	0.32	10	<10	114	10		
E770235	K-08-0141	93.23	95.92	QTZT	QTZT	Mineralized	P-AML	320	0.14	<5	2			56	<20	0.11	<10	<10	24	<10		
E770236	K-08-0141	95.92	96.97	QTZT	QTZT	Mineralized	P-AML	200	0.06	<5	1			9	<20	0.05	<10	<10	6	<10		
E770237	K-08-0141	96.97	97.98	QTZT	QTZT	Mineralized	P-AML	430	0.33	10	6			61	<20	0.16	<10	<10	58	<10		
E770275	K-08-0141	120.42	121.02	QTZT	QTZT	Mineralized	P-AML	340	0.95	16	3			8	<20	0.07	<10	<10	32	<10		
E770276	K-08-0141	121.02	122.06	QTZT	QTZT	Mineralized	P-AML	150	0.23	<5	1			6	<20	0.06	<10	<10	12	<10		
E770278	K-08-0141	122.06	123.09	QTZT	QTZT	Mineralized	P-AML	90	0.16	5	<1			4	<20	0.04	<10	<10	3	<10		
E770279	K-08-0141	123.09	124.11	QTZT	QTZT	Mineralized	P-AML	330	0.13	5	3			25	<20	0.15	<10	<10	39	<10		
E770280	K-08-0141	124.11	127.15	QTZT	QTZT	Mineralized	P-AML	310	0.16	<5	4			44	<20	0.15	<10	<10	43	<10		
E770273	K-08-0141	119.17	119.76	QTZT	QTZT	Mineralized	P-AML	160	4.25	94	2			5	<20	0.05	<10	<10	21	<10		
E770267	K-08-0141	115.91	116.54	QTZT	QTZT	Mineralized	P-AML	240	0.38	9	2			11	<20	0.14	<10	<10	30	<10		
E770281	K-08-0141	127.15	129.95	QTZT	QTZT	Mineralized	P-AML	250	0.21	<5	2			18	<20	0.1	<10	<10	20	<10		
E770282	K-08-0141	129.95	132.59	QTZT	QTZT	Mineralized	P-AML	470	0.37	6	4			55	<20	0.16	<10	<10	42	<10		
E770272	K-08-0141	118.63	119.17	QTZT	QTZT	Mineralized	P-AML	360	2.43	32	2			10	<20	0.08	<10	<10	33	<10		
E770271	K-08-0141	117.95	118.63	QTZT	QTZT	Mineralized	P-AML	500	1.5	14	1			5	<20	0.05	<10	<10	16	<10		
E770262	K-08-0141	113.54	114.01	QTZT	QTZT	Mineralized	P-AML	300	0.67	11	3			8	<20	0.11	<10	<10	44	<10		
E770268	K-08-0141	116.54	117.21	QTZT	QTZT	Mineralized	P-AML	250	2.12	10	1			4	<20	0.05	<10	<10	17	<10		
E770264	K-08-0141	114.57	115.01	QTZT	QTZT	Mineralized	P-AML	300	0.42	6	3			6	<20	0.07	10	<10	33	<10		
E770263	K-08-0141	114.01	114.57	QTZT	QTZT	Mineralized	P-AML	90	0.24	11	1			4	<20	0.05	<10	<10	14	<10		
E770269	K-08-0141	117.21	117.95	QTZT	QTZT	Mineralized	P-AML	190	0.92	13	1			5	<20	0.06	<10	<10	17	<10		
E777398	K-08-0142	101.6	103.19	QTZT	QTZT	Mineralized	P-AML	380	0.26	9	4			17	<20	0.13	<10	<10	41	<10		
E777399	K-08-0142	103.19	105.47	QTZT	QTZT	Mineralized	P-AML	590	0.43	7	6			33	<20	0.2	<10	<10	72	<10		
E777400	K-08-0142	105.47	107.43	QTZT	QTZT	Mineralized	P-AML	380	0.22	6	3			10	<20	0.11	<10	<10	40	<10		
E777403	K-08-0142	108.7	109.9	QTZT	QTZT	Mineralized	P-AML	170	0.07	12	3			12	<20	0.07	<10	<10	25	<10		
E777404	K-08-0142	109.9	111.34	QTZT	QTZT	Mineralized	P-AML	150	0.54	29	4			12	<20	0.11	<10	<10	27	<10		
E777406	K-08-0142	113.67	115.77	QTZT	QTZT	Mineralized	P-AML	450	0.28	<5	4			45	<20	0.16	<10	<10	40	<10		
E777405	K-08-0142	111.34	113.67	QTZT	QTZT	Mineralized	P-AML	290	0.21	<5	2			8	<20	0.12	10	<10	17	<10		
E777407	K-08-0142	115.77	117	QTZT	QTZT	Mineralized	P-AML	350	0.1	<5	1			31	<20	0.06	<10	<10	11	<10		
E777408	K-08-0142	117	117.97	QTZT	QTZT	Mineralized	P-AML	1200	0.94	8	14			177	<20	0.48	<10	<10	161	<10		
E754267	K-08-0143	208.85	210.01	QTZT	QTZT	Mineralized	P-AML	300	3.06	24	6			108	<20	0.13	10	<10	38	<10		
E754264	K-08-0143	207.66	208.3	QTZT	QTZT	Mineralized	P-AML	850	3.41	26	11			77	<20	0.26	10	<10	116	<10		
E754262	K-08-0143	207.23	207.66	QTZT	QTZT	Mineralized	P-AML	70	7.75	57	2			6	<20	0.02	10	<10	5	10		
E754269	K-08-0143	212.52	213.06	QTZT	QTZT	Mineralized	P-AML	270	2.46	18	4			35	<20	0.14	<10	<10	40	<10		
E770283	K-08-0145	60.35	62.35	QTZT	QTZT	Mineralized	P-AML	340	0.09	<5	2			41	<20	0.09	<10	<10	25	<10		
E770284	K-08-0145	62.35	64.08	QTZT	QTZT	Mineralized	P-AML	350	0.12	<5	3			66	<20	0.12	<10	<10	29	<10		
E770298	K-08-0145	83.19	85.17	QTZT	QTZT	Mineralized	P-AML	300	0.13	8	3			53	<20	0.12	<10	<10	29	<10		
E770303	K-08-0145	90.6	91.3	QTZT	QTZT	Mineralized	P-AML	170	0.19	<5	3			34	<20	0.17	<10	<10	32	<10		
E777418	K-08-0146	60	62.79	QTZT	QTZT	Mineralized	P-AML	250	0.08	<5	1			12	<20	0.07	10	<10	13	<10		
E777436	K-08-0146	96.32	96.57	QTZT	QTZT	Mineralized	P-AML	40	1.3	66	1			3	<20	<0.01	<10	20	3	60		
E777437	K-08-0146	96.57	98.05	QTZT	QTZT	Mineralized	P-AML	260	1.06	67	3			15	<20	0.11	<10	<10	37	10		
E777443	K-08-0146	103.16	105.46	QTZT	QTZT	Mineralized	P-AML	400	0.15	18	2			10	<20	0.08	<10	<10	24	<10		
E777455	K-08-0146	114.2	114.6	QTZT	QTZT	Mineralized	P-AML	40	6.33	152	<1			1	<20	0.01	<10	10	3	<10		
E777445	K-08-0146	106.91	107.18	QTZT	QTZT	Mineralized	P-AML	60	10	528	<1			<1	<20	<0.01	<10	<10	<1	50		
E777447	K-08-0146	107.18	108.61	QTZT	QTZT	Mineralized	P-AML	130	1.25	27	1			7	<20	0.09	<10	<10	21	10		
E777451	K-08-0146	111.71	112.9	QTZT	QTZT	Mineralized	P-AML	590	0.3	15	3			14	<20	0.1	<10	<10	29	<10		
E777452	K-08-0146	112.9	113.9	QTZT	QTZT	Mineralized	P-AML	170	0.34	26	1			5	<20	0.06	<10	<10	13	<10		
E777444	K-08-0146	105.46	106.91	QTZT	QTZT	Mineralized	P-AML	530	0.36	20	4			14	<20	0.12	<10	<10	43	<10		
E777456	K-08-0146	114.6	115.18	QTZT	QTZT	Mineralized	P-AML	80	10	518	<1			6	<20	0.05	<10	<10	20	<10		
E777438	K-08-0146	98.05	99.04	QTZT	QTZT	Mineralized	P-AML	160	1.15	28	3			20	<20	0.14	<10	<10	43	20		
E777454	K-08-0146	113.9	114.2	QTZT	QTZT	Mineralized	P-AML	50	10	187	<1			<1	<20	<0.01	<10	<10	<1	<10		
E777459	K-08-0146	116.84	118.9	QTZT	QTZT	Mineralized	P-AML	610	1.22	9	7			40	<20	0.16	<10	<10	70	10		
E777457	K-08-0146	115.18	116.84	QTZT	QTZT	Mineralized	P-AML	610	0.51	16	7			32	<20	0.19	<10	<10	77	10		
E602898	K-08-0147	100.14	101.21	QTZT	QTZT	Mineralized	P-AML	210	0.74	9	1			6	<20	0.06	<10	<10	16	<10		
E602902	K-08-0147	102.8	103.72	QTZT	QTZT	Mineralized	P-AML	360	0.66	11	5			17	<20	0.16	10	<10	53	<10		
E602901	K-08-0147	101.92	102.8	QTZT	QTZT	Mineralized	P-AML	190	1.39	<5	3			7	<20	0.06	<10	<10	26	<10		
E602899	K-08-0147	101.21	101.92	QTZT	QTZT	Mineralized	P-AML	40	10	428	1			2	<20	0.02	<10	<10	4	30		
E602897	K-08-0147	99.54	100.14	QTZT	QTZT	Mineralized	P-AML	430	0.87	6	6			35	<20	0.1	<10	<10	65	<10		
E602920	K-08-0147	116.92	117.52	QTZT	QTZT	Mineralized	P-AML	240	0.36	<5	1			6	<20	0.04	<10	<10	7	<10		
E602928	K-08-0147	124.97	125.95	QTZT	QTZT	Mineralized	P-AML	320	2.22	18	2			8	<20	0.06	<10	<10	14	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E602926	K-08-0147	124.51	124.97	QTZT	QTZT	Mineralized	P-AML	20	6.74	320	1			<1	<20	<0.01	10	20	<1	10		
E602925	K-08-0147	123.43	124.51	QTZT	QTZT	Mineralized	P-AML	10	2.41	27	3			2	<20	0.01	10	20	5	<10		
E602922	K-08-0147	121.92	122.71	QTZT	QTZT	Mineralized	P-AML	250	3.91	25	4			14	<20	0.06	10	10	28	<10		
E602923	K-08-0147	122.71	123.43	QTZT	QTZT	Mineralized	P-AML	20	5.86	82	3			2	<20	0.01	10	20	1	<10		
E602919	K-08-0147	115.92	116.92	QTZT	QTZT	Mineralized	P-AML	370	1.96	7	3			10	<20	0.08	<10	<10	24	20		
E602917	K-08-0147	115.21	115.92	QTZT	QTZT	Mineralized	P-AML	130	8.05	28	2			5	<20	0.03	<10	<10	10	10		
E602916	K-08-0147	114.62	115.21	QTZT	QTZT	Mineralized	P-AML	230	3.63	6	2			7	<20	0.06	<10	<10	17	10		
E602915	K-08-0147	113.72	114.62	QTZT	QTZT	Mineralized	P-AML	170	0.9	<5	2			9	<20	0.08	<10	<10	15	<10		
E602914	K-08-0147	112.72	113.72	QTZT	QTZT	Mineralized	P-AML	200	1.45	5	2			11	<20	0.1	<10	<10	16	<10		
E602913	K-08-0147	111.72	112.72	QTZT	QTZT	Mineralized	P-AML	370	0.72	<5	3			15	<20	0.1	<10	<10	27	<10		
E602921	K-08-0147	117.52	118.26	QTZT	QTZT	Mineralized	P-AML	210	0.47	<5	1			4	<20	0.03	<10	<10	6	<10		
E754296	K-08-0148	132.98	134.08	QTZT	QTZT	Mineralized	P-AML	190	3.22	154	1			10	<20	0.06	<10	<10	16	<10		
E754295	K-08-0148	132.55	132.98	QTZT	QTZT	Mineralized	P-AML	450	1.53	158	1			6	<20	0.05	<10	<10	9	<10		
E754299	K-08-0148	134.6	134.89	QTZT	QTZT	Mineralized	P-AML	520	2.47	329	6			36	<20	0.18	10	<10	66	<10		
E754323	K-08-0148	173.74	173.9	QTZT	QTZT	Mineralized	P-AML	310	0.91	8	9			10	<20	0.15	10	<10	62	<10		
E754348	K-08-0148	207.26	207.69	QTZT	QTZT	Mineralized	P-AML	50	0.84	<5	<1			1	<20	0.04	<10	<10	3	<10		
E754346	K-08-0148	205.6	206.51	QTZT	QTZT	Mineralized	P-AML	80	0.6	<5	<1			2	<20	0.04	<10	<10	4	<10		
E754343	K-08-0148	204.82	205.26	QTZT	QTZT	Mineralized	P-AML	1690	0.35	<5	3			20	<20	0.14	10	<10	36	<10		
E602977	K-08-0149	117.55	118.2	QTZT	QTZT	Mineralized	P-AML	510	0.63	17	8			59	<20	0.23	10	<10	71	<10		
E602975	K-08-0149	112.71	115.82	QTZT	QTZT	Mineralized	P-AML	280	1.05	8	3			14	<20	0.1	<10	<10	29	<10		
E602989	K-08-0149	124.58	125.35	QTZT	QTZT	Mineralized	P-AML	480	1.69	14	5			14	<20	0.14	<10	<10	54	20		
E602988	K-08-0149	124.05	124.58	QTZT	QTZT	Mineralized	P-AML	460	0.29	8	3			9	<20	0.1	<10	<10	33	<10		
E602987	K-08-0149	123.3	124.05	QTZT	QTZT	Mineralized	P-AML	90	10	224	<1			5	<20	0.02	<10	<10	7	10		
E602985	K-08-0149	122.9	123.3	QTZT	QTZT	Mineralized	P-AML	10	8.1	1075	1			1	<20	<0.01	<10	10	1	40		
E602984	K-08-0149	122.2	122.9	QTZT	QTZT	Mineralized	P-AML	10	2.63	125	2			2	<20	<0.01	<10	20	3	<10		
E602982	K-08-0149	121.55	122.2	QTZT	QTZT	Mineralized	P-AML	30	6.04	255	1			1	<20	0.01	<10	10	4	<10		
E602981	K-08-0149	120.3	121.55	QTZT	QTZT	Mineralized	P-AML	280	0.79	9	4			24	<20	0.13	<10	<10	42	<10		
E602980	K-08-0149	118.92	120.3	QTZT	QTZT	Mineralized	P-AML	40	5.26	92	1			3	<20	0.01	10	<10	4	10		
E602979	K-08-0149	118.2	118.92	QTZT	QTZT	Mineralized	P-AML	100	5.1	19	3			13	<20	0.06	10	<10	23	<10		
E602964	K-08-0149	102.11	103	QTZT	QTZT	Mineralized	P-AML	630	1.93	26	9			66	<20	0.26	<10	<10	92	<10		
E602962	K-08-0149	101.2	102.11	QTZT	QTZT	Mineralized	P-AML	170	4.04	29	4			8	<20	0.06	10	<10	42	<10		
E602965	K-08-0149	103	103.3	QTZT	QTZT	Mineralized	P-AML	90	6.33	<5	1			7	<20	0.03	10	<10	8	<10		
E602970	K-08-0149	107.45	108.2	QTZT	QTZT	Mineralized	P-AML	880	1.11	7	13			73	<20	0.25	<10	<10	122	<10		
E602971	K-08-0149	108.2	110.3	QTZT	QTZT	Mineralized	P-AML	690	1.28	10	10			92	<20	0.27	10	<10	102	<10		
E770367	K-08-0150	137.9	138.44	QTZT	QTZT	Mineralized	P-AML	220	2.45	32	3			19	<20	0.11	<10	<10	46	<10		
E770366	K-08-0150	137	137.9	QTZT	QTZT	Mineralized	P-AML	70	1.03	18	1			8	<20	0.02	<10	<10	8	<10		
E770376	K-08-0150	145.69	146.1	QTZT	QTZT	Mineralized	P-AML	360	2.89	611	5			41	<20	0.15	<10	<10	50	<10		
E770385	K-08-0150	154.3	155.45	QTZT	QTZT	Mineralized	P-AML	360	0.78	8	5			25	<20	0.17	10	<10	51	<10		
E770406	K-08-0150	177.6	179.22	QTZT	QTZT	Mineralized	P-AML	310	2.49	15	3			20	<20	0.09	<10	<10	25	<10		
E770404	K-08-0150	176.37	177.6	QTZT	QTZT	Mineralized	P-AML	<10	10	169	<1			8	<20	<0.01	<10	<10	<1	10		
E770403	K-08-0150	175.36	176.37	QTZT	QTZT	Mineralized	P-AML	240	3.87	67	3			8	<20	0.06	<10	<10	29	10		
E770399	K-08-0150	172.61	173.3	QTZT	QTZT	Mineralized	P-AML	100	8.43	89	<1			3	<20	0.01	<10	<10	1	<10		
E770401	K-08-0150	173.7	174.86	QTZT	QTZT	Mineralized	P-AML	80	4.96	31	2			5	<20	0.04	<10	<10	13	<10		
E770400	K-08-0150	173.3	173.7	QTZT	QTZT	Mineralized	P-AML	80	10	161	<1			7	<20	0.01	<10	<10	<1	<10		
E770402	K-08-0150	174.86	175.36	QTZT	QTZT	Mineralized	P-AML	40	9.6	73	1			4	<20	0.02	<10	<10	8	<10		
E770397	K-08-0150	171.7	172.61	QTZT	QTZT	Mineralized	P-AML	30	10	169	<1			3	<20	0.01	<10	<10	2	<10		
E770396	K-08-0150	170.75	171.7	QTZT	QTZT	Mineralized	P-AML	180	3.73	68	4			10	<20	0.07	<10	<10	35	<10		
E603057	K-08-0151	98.51	99.08	QTZT	QTZT	Mineralized	P-AML	60	7.49	52	2			9	<20	0.02	<10	<10	10	20		
E603059	K-08-0151	100.04	101.07	QTZT	QTZT	Mineralized	P-AML	130	1.88	39	2			5	<20	0.03	<10	<10	12	<10		
E603035	K-08-0151	80.45	81.75	QTZT	QTZT	Mineralized	P-AML	310	0.07	<5	3			17	<20	0.07	<10	<10	19	<10		
E603034	K-08-0151	78.45	80.45	QTZT	QTZT	Mineralized	P-AML	230	0.05	<5	3			30	<20	0.04	<10	<10	13	<10		
E603041	K-08-0151	85.94	86.97	QTZT	QTZT	Mineralized	P-AML	270	0.13	<5	2			64	<20	0.06	<10	<10	17	<10		
E603051	K-08-0151	94.8	96.83	QTZT	QTZT	Mineralized	P-AML	150	1.85	28	3			8	<20	0.04	<10	<10	21	10		
E603065	K-08-0151	104.82	105.82	QTZT	QTZT	Mineralized	P-AML	620	0.57	<5	2			3	<20	0.05	<10	<10	14	<10		
E603063	K-08-0151	104.26	104.82	QTZT	QTZT	Mineralized	P-AML	710	1.3	<5	2			3	<20	0.04	<10	<10	14	<10		
E603062	K-08-0151	103.52	104.26	QTZT	QTZT	Mineralized	P-AML	470	1.44	<5	3			4	<20	0.04	<10	<10	14	<10		
E603060	K-08-0151	101.07	102.11	QTZT	QTZT	Mineralized	P-AML	160	2.11	5	3			6	<20	0.04	<10	10	19	<10		
E603058	K-08-0151	99.08	100.04	QTZT	QTZT	Mineralized	P-AML	140	2.04	32	1			3	<20	0.02	<10	<10	7	<10		
E603055	K-08-0151	97.97	98.51	QTZT	QTZT	Mineralized	P-AML	10	10	2330	<1			1	<20	<0.01	<10	10	1	90		
E603052	K-08-0151	96.83	97.37	QTZT	QTZT	Mineralized	P-AML	90	5.47	55	<1			3	<20	0.02	<10	<10	5	20		
E603050	K-08-0151	93.69	94.8	QTZT	QTZT	Mineralized	P-AML	430	0.61	8	6			52	<20	0.21	<10	<10	61	<10		
E603049	K-08-0151	92.96	93.69	QTZT	QTZT	Mineralized	P-AML	520	1.03	8	6			42	<20	0.16	<10	<10	56	<10		
E603048	K-08-0151	91.36	92.96	QTZT	QTZT	Mineralized	P-AML	150	1.29	12	2			9	<20	0.08	<10	<10	22	<10		
E603047	K-08-0151	90.66	91.36	QTZT	QTZT	Mineralized	P-AML	100	1.1	16	3			11	<20	0.05	<10	<10	22	10		
E603045	K-08-0151	89.92	90.66	QTZT	QTZT	Mineralized	P-AML	30	10	84	<1			3	<20	0.01	<10	<10	6	20		
E603044	K-08-0151	88.97	89.92	QTZT	QTZT	Mineralized	P-AML	620	0.51	23	8			47	<20	0.21	<10	<10	84	<10		
E603054	K-08-0151	97.37	97.97	QTZT	QTZT	Mineralized	P-AML	80	1.8	92	1			4	<20	0.03	<10	<10	6	20		
E777507	K-08-0152	215.2	217.43	QTZT	QTZT	Mineralized	P-AML	110	0.37	<5	1			4	<20	0.06	<10	<10	7	<10		
E777515	K-08-0152	226.6	227.6	QTZT	QTZT	Mineralized	P-AML	<10	10	37	1			2	<20	<0.01	<10	10	1	10		
E777514	K-08-0152	225.55	226.6	QTZT	QTZT	Mineralized	P-AML	20	7.78	125	1			14	<20	0.01	<10	10	5	20		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E777517	K-08-0152	227.6	228.6	QTZT	QTZT	Mineralized	P-AML	<10	10	51	<1			3	<20	<0.01	<10	<10	1	20		
E777518	K-08-0152	228.6	229.7	QTZT	QTZT	Mineralized	P-AML	50	10	61	3			6	<20	0.03	<10	<10	13	20		
E777519	K-08-0152	229.7	230.46	QTZT	QTZT	Mineralized	P-AML	<10	2.92	10	3			3	<20	<0.01	<10	20	3	10		
E777521	K-08-0152	230.46	231.26	QTZT	QTZT	Mineralized	P-AML	20	10	84	<1			3	<20	0.01	<10	<10	2	20		
E754423	K-08-0153	98.88	99.42	QTZT	QTZT	Mineralized	P-AML	130	0.31	20	2			2	<20	0.03	<10	10	10	<10		
E754404	K-08-0153	88.62	89.04	QTZT	QTZT	Mineralized	P-AML	610	2.04	43	6			40	<20	0.13	<10	<10	66	<10		
E754405	K-08-0153	89.04	90.27	QTZT	QTZT	Mineralized	P-AML	430	2.44	57	6			49	<20	0.18	<10	<10	66	10		
E754406	K-08-0153	90.27	90.89	QTZT	QTZT	Mineralized	P-AML	280	0.18	10	2			12	<20	0.08	<10	<10	25	<10		
E754409	K-08-0153	92.84	94.14	QTZT	QTZT	Mineralized	P-AML	250	0.72	23	2			8	<20	0.09	<10	<10	23	<10		
E754410	K-08-0153	94.14	95.1	QTZT	QTZT	Mineralized	P-AML	310	5.12	33	4			17	<20	0.12	<10	<10	42	10		
E754412	K-08-0153	95.1	95.5	QTZT	QTZT	Mineralized	P-AML	170	2.52	70	3			11	<20	0.07	<10	<10	31	10		
E754413	K-08-0153	95.5	95.79	QTZT	QTZT	Mineralized	P-AML	10	8.07	1050	1			1	<20	<0.01	<10	<10	<1	40		
E754416	K-08-0153	96.29	96.62	QTZT	QTZT	Mineralized	P-AML	10	8.69	385	1			1	<20	<0.01	<10	<10	<1	40		
E754419	K-08-0153	97.02	97.53	QTZT	QTZT	Mineralized	P-AML	470	1.39	49	5			18	<20	0.15	<10	<10	54	10		
E754436	K-08-0153	111.53	113.26	QTZT	QTZT	Mineralized	P-AML	410	0.91	8	5			33	<20	0.16	<10	<10	57	10		
E754421	K-08-0153	97.89	98.88	QTZT	QTZT	Mineralized	P-AML	310	0.37	26	5			30	<20	0.17	<10	<10	52	<10		
E754401	K-08-0153	86.87	87.48	QTZT	QTZT	Mineralized	P-AML	190	2.7	100	1			5	<20	0.03	<10	<10	10	10		
E754424	K-08-0153	99.42	99.67	QTZT	QTZT	Mineralized	P-AML	250	0.38	42	4			14	<20	0.15	<10	<10	48	<10		
E754426	K-08-0153	100.66	101.52	QTZT	QTZT	Mineralized	P-AML	120	0.46	13	1			1	<20	0.08	<10	<10	16	<10		
E754427	K-08-0153	101.52	102.29	QTZT	QTZT	Mineralized	P-AML	750	0.71	16	26			11	<20	0.74	<10	<10	264	30		
E754432	K-08-0153	107.78	109.33	QTZT	QTZT	Mineralized	P-AML	430	0.4	7	3			20	<20	0.1	<10	<10	38	<10		
E754435	K-08-0153	110.33	111.53	QTZT	QTZT	Mineralized	P-AML	350	1.64	12	4			20	<20	0.11	<10	<10	45	10		
E754420	K-08-0153	97.53	97.89	QTZT	QTZT	Mineralized	P-AML	310	2.35	8	3			7	<20	0.06	<10	<10	26	10		
E754403	K-08-0153	88.24	88.62	QTZT	QTZT	Mineralized	P-AML	260	2.24	313	2			9	<20	0.04	<10	<10	14	10		
E754402	K-08-0153	87.48	88.24	QTZT	QTZT	Mineralized	P-AML	130	3.43	126	1			8	<20	0.02	<10	<10	11	10		
E754392	K-08-0153	75.54	78.54	QTZT	QTZT	Mineralized	P-AML	510	0.14	<5	6			88	<20	0.19	<10	<10	59	<10		
E754394	K-08-0153	81.53	84.49	QTZT	QTZT	Mineralized	P-AML	500	0.17	8	6			94	<20	0.18	<10	<10	60	<10		
E754397	K-08-0153	85.5	85.97	QTZT	QTZT	Mineralized	P-AML	280	1.13	210	2			18	<20	0.07	<10	<10	29	10		
E754398	K-08-0153	85.97	86.64	QTZT	QTZT	Mineralized	P-AML	280	1.48	61	3			15	<20	0.06	<10	<10	27	<10		
E754400	K-08-0153	86.64	86.87	QTZT	QTZT	Mineralized	P-AML	130	3.2	96	1			3	<20	0.02	<10	<10	6	<10		
E754418	K-08-0153	96.62	97.02	QTZT	QTZT	Mineralized	P-AML	390	2.25	168	3			6	<20	0.05	<10	<10	25	20		
E754414	K-08-0153	95.79	96.29	QTZT	QTZT	Mineralized	P-AML	10	10	2830	<1			1	<20	<0.01	<10	<10	<1	60		
E754463	K-08-0154	189.25	192.18	QTZT	QTZT	Mineralized	P-AML	360	1.88	11	5			31	<20	0.12	<10	<10	49	20		
E603098	K-08-0155	75.9	78.94	QTZT	QTZT	Mineralized	P-AML	230	0.09	<5	2			36	<20	0.07	<10	<10	15	<10		
E603099	K-08-0155	78.94	81.99	QTZT	QTZT	Mineralized	P-AML	350	0.2	<5	2			40	<20	0.09	<10	<10	21	<10		
E603142	K-08-0155	134.36	135.08	QTZT	QTZT	Mineralized	P-AML	380	4.74	243	7			15	<20	0.13	<10	<10	53	10		
E603107	K-08-0155	100.28	103.33	QTZT	QTZT	Mineralized	P-AML	470	0.34	<5	4			66	<20	0.14	<10	<10	40	<10		
E603140	K-08-0155	132.5	133.81	QTZT	QTZT	Mineralized	P-AML	250	2.47	23	3			7	<20	0.11	<10	<10	29	10		
E603132	K-08-0155	126.7	127.71	QTZT	QTZT	Mineralized	P-AML	<10	9.95	811	1			<1	<20	<0.01	<10	10	1	40		
E603133	K-08-0155	127.71	128.35	QTZT	QTZT	Mineralized	P-AML	<10	1.99	27	3			1	<20	<0.01	<10	10	5	10		
E603134	K-08-0155	128.35	128.8	QTZT	QTZT	Mineralized	P-AML	150	1.33	10	3			3	<20	0.04	<10	<10	15	<10		
E603135	K-08-0155	128.8	129.75	QTZT	QTZT	Mineralized	P-AML	10	3.44	17	3			1	<20	0.01	<10	20	5	20		
E603136	K-08-0155	129.75	130.76	QTZT	QTZT	Mineralized	P-AML	30	4.46	37	3			1	<20	0.02	<10	10	8	10		
E603129	K-08-0155	125.44	126.16	QTZT	QTZT	Mineralized	P-AML	<10	10	353	1			<1	<20	<0.01	<10	10	<1	10		
E603139	K-08-0155	131.54	132.5	QTZT	QTZT	Mineralized	P-AML	10	3.63	44	3			2	<20	<0.01	10	10	3	20		
E603128	K-08-0155	124.66	125.44	QTZT	QTZT	Mineralized	P-AML	<10	10	433	1			<1	<20	<0.01	<10	10	2	20		
E603141	K-08-0155	133.81	134.36	QTZT	QTZT	Mineralized	P-AML	170	6.48	63	5			11	<20	0.1	<10	<10	38	10		
E603143	K-08-0155	135.08	135.7	QTZT	QTZT	Mineralized	P-AML	260	0.47	<5	2			10	<20	0.12	<10	<10	25	<10		
E603144	K-08-0155	135.7	136.86	QTZT	QTZT	Mineralized	P-AML	300	0.83	8	2			7	<20	0.09	<10	<10	19	<10		
E603138	K-08-0155	130.76	131.54	QTZT	QTZT	Mineralized	P-AML	60	3.58	49	4			3	<20	0.03	<10	10	11	<10		
E603119	K-08-0155	119.27	119.62	QTZT	QTZT	Mineralized	P-AML	700	2.64	13	9			39	<20	0.19	<10	<10	90	<10		
E603112	K-08-0155	112.47	113.3	QTZT	QTZT	Mineralized	P-AML	220	2.04	6	1			5	<20	0.04	<10	<10	10	<10		
E603113	K-08-0155	113.3	115.64	QTZT	QTZT	Mineralized	P-AML	280	1.04	<5	1			6	<20	0.06	<10	<10	15	<10		
E603114	K-08-0155	115.64	116.24	QTZT	QTZT	Mineralized	P-AML	160	2.45	18	2			6	<20	0.03	<10	<10	13	<10		
E603115	K-08-0155	116.24	118.07	QTZT	QTZT	Mineralized	P-AML	330	0.94	6	5			41	<20	0.15	<10	<10	48	<10		
E603131	K-08-0155	126.16	126.7	QTZT	QTZT	Mineralized	P-AML	<10	10	462	<1			<1	<20	<0.01	<10	<10	<1	<10		
E603118	K-08-0155	118.57	119.27	QTZT	QTZT	Mineralized	P-AML	240	2.23	34	4			12	<20	0.06	<10	<10	32	<10		
E603108	K-08-0155	103.33	106.38	QTZT	QTZT	Mineralized	P-AML	280	0.2	<5	3			45	<20	0.14	<10	<10	32	<10		
E603120	K-08-0155	119.62	120.62	QTZT	QTZT	Mineralized	P-AML	60	5.56	33	1			4	<20	0.02	<10	<10	8	<10		
E603121	K-08-0155	120.62	121.62	QTZT	QTZT	Mineralized	P-AML	30	5.12	34	2			4	<20	0.01	<10	<10	3	10		
E603123	K-08-0155	121.62	122.06	QTZT	QTZT	Mineralized	P-AML	80	0.4	16	6			8	<20	0.05	<10	10	22	<10		
E603124	K-08-0155	122.06	122.86	QTZT	QTZT	Mineralized	P-AML	<10	9.82	60	2			<1	<20	<0.01	10	10	3	10		
E603125	K-08-0155	122.86	123.56	QTZT	QTZT	Mineralized	P-AML	<10	10	302	2			1	<20	<0.01	<10	10	3	10		
E603126	K-08-0155	123.56	124.1	QTZT	QTZT	Mineralized	P-AML	10	10	221	1			<1	<20	0.01	<10	10	3	20		
E603127	K-08-0155	124.1	124.66	QTZT	QTZT	Mineralized	P-AML	<10	10	229	1			<1	<20	<0.01	<10	10	2	20		
E603117	K-08-0155	118.07	118.57	QTZT	QTZT	Mineralized	P-AML	190	7.49	26	3			11	<20	0.05	<10	<10	28	<10		
E770451	K-08-0156	67.23	69.43	QTZT	QTZT	Mineralized	P-AML	190	0.08	<5	2			25	<20	0.07	<10	<10	17	<10		
E770473	K-08-0156	92.62	93.1	QTZT	QTZT	Mineralized	P-AML	50	10	1225	1			4	<20	0.02	10	10	6	70		
E770479	K-08-0156	95.8	96.26	QTZT	QTZT	Mineralized	P-AML	70	0.56	12	1			2	<20	0.02	<10	<10	5	<10		
E770475	K-08-0156	93.1	94.1	QTZT	QTZT	Mineralized	P-AML	150	0.51	19	1			10	<20	0.04	<10	<10	11	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E770465	K-08-0156	87.06	88.02	QTZT	QTZT	Mineralized	P-AML	440	1.03	11	4			25	<20	0.06	<10	<10	39	<10		
E770470	K-08-0156	90.53	91.25	QTZT	QTZT	Mineralized	P-AML	320	2.97	21	4			14	<20	0.07	<10	10	41	<10		
E770467	K-08-0156	88.88	89.63	QTZT	QTZT	Mineralized	P-AML	460	1.02	22	4			22	<20	0.1	<10	<10	43	<10		
E770469	K-08-0156	89.63	90.53	QTZT	QTZT	Mineralized	P-AML	190	0.99	8	2			6	<20	0.06	<10	<10	17	<10		
E770471	K-08-0156	91.25	92.06	QTZT	QTZT	Mineralized	P-AML	220	3.63	88	2			8	<20	0.06	<10	10	21	20		
E770472	K-08-0156	92.06	92.62	QTZT	QTZT	Mineralized	P-AML	80	8.83	134	2			6	<20	0.02	<10	20	13	40		
E770486	K-08-0156	101.9	102.4	QTZT	QTZT	Mineralized	P-AML	250	0.1	8	1			36	<20	0.07	<10	<10	13	<10		
E603221	K-08-0157	109	110	QTZT	QTZT	Mineralized	P-AML	120	0.19	<5	1			<1	<20	0.07	<10	<10	7	<10		
E603213	K-08-0157	102.5	103.5	QTZT	QTZT	Mineralized	P-AML	20	4.61	108	1			4	<20	<0.01	<10	<10	1	<10		
E603214	K-08-0157	103.5	104	QTZT	QTZT	Mineralized	P-AML	160	0.02	20	3			20	<20	0.09	<10	<10	30	<10		
E603217	K-08-0157	105	106	QTZT	QTZT	Mineralized	P-AML	90	0.02	8	1			6	<20	0.05	<10	<10	9	<10		
E603209	K-08-0157	100	101	QTZT	QTZT	Mineralized	P-AML	240	0.27	47	2			7	<20	0.07	<10	<10	20	<10		
E603220	K-08-0157	108	109	QTZT	QTZT	Mineralized	P-AML	260	0.13	<5	3			20	<20	0.13	<10	<10	34	<10		
E603222	K-08-0157	110	111	QTZT	QTZT	Mineralized	P-AML	180	0.29	<5	1			7	<20	0.11	10	<10	16	20		
E603219	K-08-0157	107	108	QTZT	QTZT	Mineralized	P-AML	430	0.35	<5	4			19	<20	0.12	<10	<10	36	<10		
E603207	K-08-0157	99	100	QTZT	QTZT	Mineralized	P-AML	80	0.05	10	1			4	<20	0.06	<10	<10	11	<10		
E603199	K-08-0157	92	93	QTZT	QTZT	Mineralized	P-AML	350	1.96	18	9			33	<20	0.16	10	10	82	10		
E603200	K-08-0157	93	94	QTZT	QTZT	Mineralized	P-AML	270	0.06	8	5			18	<20	0.15	<10	<10	47	<10		
E603201	K-08-0157	94	95	QTZT	QTZT	Mineralized	P-AML	430	0.09	5	5			45	<20	0.15	<10	<10	53	<10		
E603202	K-08-0157	95	96	QTZT	QTZT	Mineralized	P-AML	340	0.14	8	3			29	<20	0.06	<10	<10	27	<10		
E603203	K-08-0157	96	97	QTZT	QTZT	Mineralized	P-AML	330	0.41	22	6			36	<20	0.08	<10	<10	46	<10		
E603204	K-08-0157	97	97.75	QTZT	QTZT	Mineralized	P-AML	170	1.26	28	2			6	<20	0.04	<10	<10	14	<10		
E603205	K-08-0157	97.75	98.25	QTZT	QTZT	Mineralized	P-AML	50	4.62	70	1			4	<20	0.01	<10	<10	5	<10		
E770546	K-08-0158	105.4	108.33	QTZT	QTZT	Mineralized	P-AML	360	0.19	<5	2			34	<20	0.06	<10	<10	23	<10		
E770548	K-08-0158	111	113.67	QTZT	QTZT	Mineralized	P-AML	380	0.43	<5	3			31	<20	0.12	<10	<10	32	<10		
E770569	K-08-0158	135.72	136.88	QTZT	QTZT	Mineralized	P-AML	100	8.08	19	2			4	<20	0.03	<10	10	16	<10		
E770570	K-08-0158	136.88	137.78	QTZT	QTZT	Mineralized	P-AML	270	1.01	<5	4			23	<20	0.13	<10	<10	45	10		
E770571	K-08-0158	137.78	138.6	QTZT	QTZT	Mineralized	P-AML	460	1.12	9	6			46	<20	0.2	<10	<10	66	<10		
E770572	K-08-0158	138.6	139.58	QTZT	QTZT	Mineralized	P-AML	140	3.02	7	1			5	<20	0.04	<10	<10	12	10		
E770573	K-08-0158	139.58	140.37	QTZT	QTZT	Mineralized	P-AML	480	0.64	<5	8			61	<20	0.22	<10	<10	76	<10		
E770574	K-08-0158	140.37	140.47	QTZT	QTZT	Mineralized	P-AML	40	10	75	<1			2	<20	0.01	<10	<10	6	10		
E770576	K-08-0158	140.47	141.49	QTZT	QTZT	Mineralized	P-AML	230	0.78	11	4			27	<20	0.13	<10	<10	39	<10		
E770579	K-08-0158	143.4	144.4	QTZT	QTZT	Mineralized	P-AML	170	1.51	15	3			13	<20	0.06	<10	10	30	10		
E770578	K-08-0158	142.39	143.4	QTZT	QTZT	Mineralized	P-AML	300	0.72	<5	2			6	<20	0.06	<10	<10	17	10		
E770586	K-08-0158	148.1	149.05	QTZT	QTZT	Mineralized	P-AML	620	0.1	<5	1			65	<20	0.05	<10	<10	13	<10		
E770581	K-08-0158	144.4	144.95	QTZT	QTZT	Mineralized	P-AML	70	3.43	12	1			3	<20	0.03	<10	<10	5	<10		
E770566	K-08-0158	134.1	135.02	QTZT	QTZT	Mineralized	P-AML	80	3.02	20	1			2	<20	0.02	<10	10	9	<10		
E770565	K-08-0158	133.81	134.1	QTZT	QTZT	Mineralized	P-AML	60	4.84	85	2			7	<20	0.03	<10	<10	16	<10		
E770564	K-08-0158	131.83	133.81	QTZT	QTZT	Mineralized	P-AML	670	0.76	13	8			32	<20	0.2	<10	<10	78	10		
E770563	K-08-0158	130.76	131.83	QTZT	QTZT	Mineralized	P-AML	300	1.07	11	4			17	<20	0.13	<10	<10	41	10		
E756817	K-10-0240	33.53	34.88	QTZT	QTZT	Mineralized	P-AML	140	0.46	8	4			9	<20	0.04	<10	10	23	<10		
E756815	K-10-0240	32.09	33.53	QTZT	QTZT	Mineralized	P-AML	140	2.86	25	3			7	<20	0.03	<10	<10	18	20		
E778101	K-08-0175	76.5	77.95	QTZT	QTZT	Mineralized	P-AML	270	1.93	9	3			5	<20	0.02	<10	<10	11	<10		
E778131	K-08-0175	126.02	126.43	QTZT	QTZT	Mineralized	P-AML	440	0.79	11	4			6	<20	0.16	<10	<10	41	<10		
E778132	K-08-0175	126.43	127.43	QTZT	QTZT	Mineralized	P-AML	480	0.66	7	4			24	<20	0.16	<10	<10	49	<10		
E778133	K-08-0175	127.43	128.43	QTZT	QTZT	Mineralized	P-AML	470	0.92	5	3			15	<20	0.12	<10	<10	30	<10		
E778134	K-08-0175	128.43	128.8	QTZT	QTZT	Mineralized	P-AML	130	6.54	59	2			3	<20	0.04	<10	<10	18	10		
E778142	K-08-0175	135.06	136.06	QTZT	QTZT	Mineralized	P-AML	200	1.39	10	3			6	<20	0.1	<10	<10	32	<10		
E778141	K-08-0175	133.12	135.06	QTZT	QTZT	Mineralized	P-AML	190	1.1	8	3			7	<20	0.07	<10	<10	32	<10		
E778143	K-08-0175	136.06	137.06	QTZT	QTZT	Mineralized	P-AML	580	1.97	<5	10			31	<20	0.21	<10	<10	94	<10		
E778145	K-08-0175	137.06	137.57	QTZT	QTZT	Mineralized	P-AML	170	3.87	10	1			3	<20	0.03	<10	<10	7	10		
E778147	K-08-0175	137.57	138.57	QTZT	QTZT	Mineralized	P-AML	210	1.21	8	1			2	<20	0.05	<10	<10	10	<10		
E778148	K-08-0175	138.57	139.57	QTZT	QTZT	Mineralized	P-AML	220	1.09	<5	1			4	<20	0.05	<10	<10	11	<10		
E778150	K-08-0175	139.57	142.14	QTZT	QTZT	Mineralized	P-AML	300	0.45	6	2			17	<20	0.07	<10	<10	17	<10		
E778155	K-08-0175	151.05	152.95	QTZT	QTZT	Mineralized	P-AML	230	0.43	<5	1			53	<20	0.07	<10	<10	14	<10		
E778238	K-08-0177	143.55	145.02	QTZT	QTZT	Mineralized	P-AML	450	0.67	<5	3			59	<20	0.09	<10	<10	29	10		
E778240	K-08-0177	145.02	146	QTZT	QTZT	Mineralized	P-AML	280	1.51	<5	1			7	<20	0.05	<10	<10	13	10		
E778241	K-08-0177	146	148	QTZT	QTZT	Mineralized	P-AML	320	0.69	<5	2			35	<20	0.06	<10	<10	17	10		
E778231	K-08-0177	134	135.5	QTZT	QTZT	Mineralized	P-AML	260	0.52	<5	2			31	<20	0.08	<10	<10	18	10		
E756737	K-10-0237	29.57	31.55	QTZT	QTZT	Mineralized	P-AML	270	0.84	62	2			10	<20	0.09	<10	<10	22	<10		
E756740	K-10-0237	31.85	33.78	QTZT	QTZT	Mineralized	P-AML	220	0.18	5	1			8	<20	0.06	<10	<10	13	<10		
E756739	K-10-0237	31.55	31.85	QTZT	QTZT	Mineralized	P-AML	350	0.88	88	3			14	<20	0.1	<10	<10	29	<10		
E756881	K-10-0241	79.25	80.77	QTZT	QTZT	Mineralized	P-AML	220	0.05	5	1			6	<20	0.06	<10	<10	9	<10		
E756882	K-10-0241	80.77	82.14	QTZT	QTZT	Mineralized	P-AML	200	0.03	<5	1			5	<20	0.07	<10	<10	9	<10		
E756883	K-10-0241	82.14	84.12	QTZT	QTZT	Mineralized	P-AML	290	0.06	6	2			20	<20	0.07	<10	<10	22	<10		
E756896	K-10-0241	92.15	92.96	QTZT	QTZT	Mineralized	P-AML	640	0.1	26	5			14	<20	0.15	<10	<10	53	<10		
E756898	K-10-0241	92.96	93.68	QTZT	QTZT	Mineralized	P-AML	250	0.15	35	1			2	<20	0.04	<10	<10	16	<10		
E756899	K-10-0241	93.68	94.03	QTZT	QTZT	Mineralized	P-AML	170	0.06	9	1			2	<20	0.06	<10	<10	10	10		
E756923	K-10-0244	94.32	95.56	QTZT	QTZT	Mineralized	P-AML	180	0.56	8.38	2.1	1	17.8	10.8	2.6	0.066	0.43	0.5	19	1.4	3	16.2
E757044	K-10-0248	114.62	115.32	QTZT	QTZT	Mineralized	P-AML	340	0.345	2	<1	<10	10	3	<5	0.02	<5	<5	9.9	<1	2	11

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E757050	K-10-0248	120.36	121.19	QTZT	QTZT	Mineralized	P-AML	168	0.808	36	1	<10	155	4	<5	0.02	<5	<5	15.9	4	3	10
E757054	K-10-0248	125.6	126.76	QTZT	QTZT	Mineralized	P-AML	224	0.472	2	<1	<10	155	6	<5	0.02	<5	<5	12.7	2	2	14
E757056	K-10-0248	126.76	127.71	QTZT	QTZT	Mineralized	P-AML	477	0.493	1	1	<10	9	4	<5	0.03	<5	<5	13.1	<1	2	11
E773127	K-10-0249	134.26	134.94	QTZT	QTZT	Mineralized	P-AML	340	0.39	5	6			22	<20	0.17	<10	<10	52	<10		
E773126	K-10-0249	133.24	134.26	QTZT	QTZT	Mineralized	P-AML	860	0.79	12	6			21	<20	0.17	<10	<10	61	<10		
E757083a	K-10-0251	79.08	80.34	QTZT	QTZT	Mineralized	P-AML	80	1.46	65.9	2	4	114	6.8	1.4	0.039	0.14	0.7	13	1.6	2.8	12.4
E757081a	K-10-0251	77.08	78.35	QTZT	QTZT	Mineralized	P-AML	210	0.72	75.3	2.8	3	75.8	20.8	3.3	0.087	0.62	1.2	28	2.1	3.5	20.7
E757080a	K-10-0251	76.42	77.08	QTZT	QTZT	Mineralized	P-AML	260	0.62	96.6	3.4	3	85.4	13.4	3.7	0.099	0.75	1.6	37	3.2	3.9	26.9
E757082a	K-10-0251	78.35	79.08	QTZT	QTZT	Mineralized	P-AML	60	8.32	58.7	0.6	18	449	3.4	0.8	0.017	0.13	0.5	5	0.8	1.4	8
E757087a	K-10-0252	92.95	93.82	QTZT	QTZT	Mineralized	P-AML	360	4.3	917	5.8	9	332	30.3	4.4	0.095	0.25	1.2	45	3.5	7	27.8
E757088a	K-10-0252	93.82	94.81	QTZT	QTZT	Mineralized	P-AML	180	0.48	42.1	1.7	2	15.8	9.5	1.8	0.058	0.25	0.9	16	2	3.1	22.1
E757089a	K-10-0252	94.81	95.86	QTZT	QTZT	Mineralized	P-AML	120	1.99	12.25	1.2	3	13.6	2.9	1.1	0.02	0.12	0.7	6	1	4.2	10.9
E757090a	K-10-0252	95.86	97	QTZT	QTZT	Mineralized	P-AML	170	3.08	15.35	1.1	3	23.6	3.3	1.5	0.035	0.18	0.8	7	2	3.7	14.7
E757093a	K-10-0252	97.23	98	QTZT	QTZT	Mineralized	P-AML	540	0.72	8.77	9.9	3	36.2	48.5	7.9	0.247	1.74	1.9	89	4.5	6.2	52
E757095a	K-10-0252	99.32	100.14	QTZT	QTZT	Mineralized	P-AML	420	4.72	17.85	5	8	87.2	28.3	5	0.132	1.65	1.6	55	2.7	5.5	34.9
E757094a	K-10-0252	98	99.32	QTZT	QTZT	Mineralized	P-AML	470	1.31	14.15	6.8	3	75.6	29.8	6.4	0.127	1.56	1.5	63	3	7.2	35.4
E757166	K-10-0253	91.34	92.2	QTZT	QTZT	Mineralized	P-AML	190	4.58	100	4			15	<20	0.07	<10	<10	27	<10		
E757168	K-10-0253	92.2	92.95	QTZT	QTZT	Mineralized	P-AML	520	0.91	26	7			39	<20	0.16	<10	<10	61	<10		
E757169	K-10-0253	92.95	94.23	QTZT	QTZT	Mineralized	P-AML	220	2.96	83	2			5	<20	0.02	<10	<10	6	<10		
E757171	K-10-0253	94.98	95.6	QTZT	QTZT	Mineralized	P-AML	290	2.13	6	3			5	<20	0.05	<10	<10	14	<10		
E757226	K-10-0254	130.21	130.95	QTZT	QTZT	Mineralized	P-AML	140	6.07	47	2			6	<20	0.04	<10	<10	32	<10		
E757225	K-10-0254	129.61	130.21	QTZT	QTZT	Mineralized	P-AML	460	5.36	31	3			8	<20	0.07	<10	<10	41	10		
E757227	K-10-0254	130.95	131.67	QTZT	QTZT	Mineralized	P-AML	260	1.6	68	3			6	<20	0.04	<10	<10	33	<10		
E757223	K-10-0254	129.4	129.61	QTZT	QTZT	Mineralized	P-AML	630	2.3	10	5			17	<20	0.14	<10	<10	59	10		
E757228	K-10-0254	131.67	132.03	QTZT	QTZT	Mineralized	P-AML	690	1.97	28	7			22	<20	0.14	<10	<10	73	<10		
E773202	K-10-0255	90.36	91.5	QTZT	QTZT	Mineralized	P-AML	130	2	33	1			8	<20	0.06	<10	<10	12	<10		
E773203	K-10-0255	91.5	92.5	QTZT	QTZT	Mineralized	P-AML	70	4.83	77	<1			4	<20	0.03	<10	<10	2	<10		
E773204	K-10-0255	92.5	93.4	QTZT	QTZT	Mineralized	P-AML	70	0.37	32	1			6	<20	0.04	<10	<10	6	<10		
E773205	K-10-0255	93.4	94.57	QTZT	QTZT	Mineralized	P-AML	120	4.43	71	3			16	<20	0.06	<10	<10	26	<10		
E773215	K-10-0256	87.31	88.27	QTZT	QTZT	Mineralized	P-AML	80	0.06	84	1			3	<20	0.05	<10	<10	10	<10		
E775002	K-10-0265	52.27	53.79	QTZT	QTZT	Mineralized	P-AML	340	0.08	30	4			8	<20	0.12	<10	<10	34	<10		
E775001	K-10-0265	50.38	52.27	QTZT	QTZT	Mineralized	P-AML	420	0.09	16	5			29	<20	0.12	<10	<10	40	<10		
E004070	K-11-0330	86.5	87.7	QTZT	QTZT	Mineralized	P-AML	250	0.32	<5	3			10	<20	0.13	<10	<10	33	<10		
E004071	K-11-0330	87.7	88.64	QTZT	QTZT	Mineralized	P-AML	190	1.22	<5	3			19	<20	0.12	<10	<10	35	<10		
E004069	K-11-0330	85.39	86.5	QTZT	QTZT	Mineralized	P-AML	180	1.51	35	2			7	<20	0.07	<10	<10	15	10		
E004127	K-11-0331	62.64	63.46	QTZT	QTZT	Mineralized	P-AML	450	0.18	6	4			76	<20	0.1	<10	<10	31	<10		
E782255	K-10-0308	123.66	124.56	QTZT	QTZT	Mineralized	P-AML	200	0.51	4.82	1.5	1	17	5.3	2.1	0.065	0.19	0.5	14	2.9	2.9	13.1
E774674	K-10-0309	105.62	106.13	QTZT	QTZT	Mineralized	P-AML	160	5.09	769	1.6	8	244	7.1	2.2	0.061	0.57	1.1	17	3	3.5	19.8
E000019	K-11-0325	56.74	57.91	QTZT	QTZT	Mineralized	P-AML	210	2.27	7	2			13	<20	0.08	<10	<10	22	10		
E000020	K-11-0325	57.91	58.46	QTZT	QTZT	Mineralized	P-AML	220	1.36	12	5			11	<20	0.06	<10	<10	32	20		
E000037	K-11-0325	74.44	74.62	QTZT	QTZT	Mineralized	P-AML	470	3.43	29	4			6	<20	0.13	<10	<10	52	20		
E000038	K-11-0325	74.62	74.94	QTZT	QTZT	Mineralized	P-AML	40	10	77	2			2	<20	0.01	<10	<10	6	20		
E000039	K-11-0325	74.94	75.34	QTZT	QTZT	Mineralized	P-AML	230	0.19	17	2			6	<20	0.05	<10	<10	20	<10		
E000046	K-11-0325	79.37	80.3	QTZT	QTZT	Mineralized	P-AML	160	0.89	5	1			6	<20	0.08	<10	<10	16	<10		
E000045	K-11-0325	79.1	79.37	QTZT	QTZT	Mineralized	P-AML	160	6.11	18	3			6	<20	0.08	<10	<10	26	<10		
E004094	K-11-0326	87.84	88.64	QTZT	QTZT	Mineralized	P-AML	320	1.08	<5	1			10	<20	0.07	<10	<10	11	<10		
E004099	K-11-0326	91.47	93.02	QTZT	QTZT	Mineralized	P-AML	360	0.25	6	2			11	<20	0.09	<10	<10	19	<10		
E004097	K-11-0326	89.86	91.47	QTZT	QTZT	Mineralized	P-AML	320	0.48	<5	1			8	<20	0.07	<10	<10	15	<10		
E004117	K-11-0326	101.7	102.78	QTZT	QTZT	Mineralized	P-AML	510	1.34	18	27			7	<20	0.79	<10	<10	305	20		
E004120	K-11-0326	104.83	106.22	QTZT	QTZT	Mineralized	P-AML	200	0.63	5	3			7	<20	0.07	<10	<10	24	<10		
E004026	K-11-0327	109.73	110.92	QTZT	QTZT	Mineralized	P-AML	200	0.98	8	2			5	<20	0.06	<10	<10	17	20		
E004025	K-11-0327	108.3	109.73	QTZT	QTZT	Mineralized	P-AML	330	1.15	12	3			10	<20	0.08	<10	<10	35	10		
E004023	K-11-0327	106.68	108.3	QTZT	QTZT	Mineralized	P-AML	430	0.79	13	12			27	<20	0.19	10	<10	122	10		
E004022	K-11-0327	106.02	106.68	QTZT	QTZT	Mineralized	P-AML	310	1.35	16	5			10	<20	0.06	10	<10	50	20		
E000002	K-11-0328	7.62	8.74	QTZT	QTZT	Mineralized	P-AML	260	0.06	50	11			25	<20	0.28	<10	<10	113	20		
E004083	K-11-0329	74.95	76.37	QTZT	QTZT	Mineralized	P-AML	160	0.08	18	2			7	<20	0.07	<10	<10	18	<10		
E004088	K-11-0329	80.25	80.62	QTZT	QTZT	Mineralized	P-AML	240	0.48	15	2			5	<20	0.08	<10	<10	17	<10		
E004046	K-11-0332	66.15	66.98	QTZT	QTZT	Mineralized	P-AML	130	5.01	55	4			5	<20	0.03	<10	<10	16	20		
E000070	K-11-0333	92.22	92.959	QTZT	QTZT	Mineralized	P-AML	550	0.66	9	2			11	<20	0.07	<10	<10	24	<10		
E000064	K-11-0334	71.59	72.95	QTZT	QTZT	Mineralized	P-AML	330	0.05	16	2			7	<20	0.08	<10	<10	23	<10		
E000130	K-11-0339	94.85	95.73	QTZT	QTZT	Mineralized	P-AML	470	2.96	9	3			11	<20	0.05	<10	<10	29	<10		
E000134	K-11-0339	96.9	98	QTZT	QTZT	Mineralized	P-AML	480	0.53	<5	3			20	<20	0.05	<10	<10	27	10		
E000132	K-11-0339	96.05	96.9	QTZT	QTZT	Mineralized	P-AML	560	1.05	8	4			31	<20	0.07	<10	<10	36	<10		
E000137	K-11-0339	99.36	99.66	QTZT	QTZT	Mineralized	P-AML	330	0.66	7	3			19	<20	0.08	<10	<10	28	10		
E000140	K-11-0339	100	100.58	QTZT	QTZT	Mineralized	P-AML	170	0.73	<5	3			13	<20	0.07	<10	<10	20	10		
E599902	K-07-0072	199.12	201.2	SCH	SCH	Non-Mineralized	N-AML	590	0.08	5	15			130	<20	0.37	10	<10	185	<10		
E599774	K-07-0072	27	29	SCH	SCH	Non-Mineralized	N-AML	630	0.18	<5	9			134	<20	0.22	<10	<10	86	<10		
E751501	K-07-0069	40.18	41.33	SCH	SCH	Non-Mineralized	N-AML	940	0.22	5	16			226	20	0.28	<10	<10	137	<10		
E599783	K-07-0072	41.2	43.25	SCH	SCH	Non-Mineralized	N-AML	600	0.29	<5	7			132	<20	0.21	<10	<10	70	<10		
E751537	K-07-0069	93.34	95.34	SCH	SCH	Non-Mineralized	N-AML	1070	1.03	9	12			226	<20	0.38	<10	<10	137	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E751538	K-07-0069	95.34	96.65	SCH	SCH	Non-Mineralized	N-AML	850	1.07	8	13			274	20	0.45	<10	<10	161	<10		
E770076	K-08-0135	91.14	93.02	SCH	SCH	Non-Mineralized	N-AML	360	0.34	<5	4			74	<20	0.13	<10	<10	44	<10		
C467980	K-07-0069	7.32	8.51	SCH	SCH	Non-Mineralized	N-AML	680	0.09	<5	12			176	<20	0.28	<10	<10	111	<10		
C467979	K-07-0069	5	7.32	SCH	SCH	Non-Mineralized	N-AML	390	0.09	7	7			111	<20	0.18	<10	<10	60	<10		
C467978	K-07-0069	3.47	5	SCH	SCH	Non-Mineralized	N-AML	760	0.06	<5	14			229	<20	0.32	<10	<10	129	<10		
C467976	K-07-0069	1.5	3.47	SCH	SCH	Non-Mineralized	N-AML	800	0.05	<5	11			159	<20	0.21	<10	<10	108	<10		
C467981	K-07-0069	8.51	9.74	SCH	SCH	Non-Mineralized	N-AML	650	0.08	5	8			114	<20	0.18	<10	<10	70	<10		
E751502	K-07-0069	41.33	42.49	SCH	SCH	Non-Mineralized	N-AML	960	0.25	<5	16			222	20	0.31	<10	<10	142	<10		
C467999	K-07-0069	36.18	38.18	SCH	SCH	Non-Mineralized	N-AML	940	0.32	5	17			260	20	0.34	<10	<10	157	<10		
C468000	K-07-0069	38.18	40.18	SCH	SCH	Non-Mineralized	N-AML	1060	0.44	9	15			311	20	0.33	<10	<10	151	<10		
E751539	K-07-0069	96.65	97.61	SCH	SCH	Non-Mineralized	N-AML	780	0.52	<5	10			140	<20	0.3	<10	<10	96	<10		
E751535	K-07-0069	91.34	93.34	SCH	SCH	Non-Mineralized	N-AML	740	0.32	<5	9			185	<20	0.29	<10	<10	91	10		
E599787	K-07-0072	47.45	49.48	SCH	SCH	Non-Mineralized	N-AML	480	0.22	<5	7			122	<20	0.17	<10	<10	60	<10		
E599786	K-07-0072	45.42	47.45	SCH	SCH	Non-Mineralized	N-AML	300	0.14	<5	2			56	<20	0.08	<10	<10	22	<10		
E599775	K-07-0072	29	30.6	SCH	SCH	Non-Mineralized	N-AML	940	0.59	<5	15			195	<20	0.26	<10	<10	139	<10		
E599781	K-07-0072	39.2	41.2	SCH	SCH	Non-Mineralized	N-AML	1060	0.39	<5	15			186	<20	0.27	<10	<10	135	<10		
E599780	K-07-0072	37.2	39.2	SCH	SCH	Non-Mineralized	N-AML	890	0.33	<5	13			246	<20	0.28	<10	<10	120	<10		
E599779	K-07-0072	35.2	37.2	SCH	SCH	Non-Mineralized	N-AML	820	0.27	<5	9			198	<20	0.2	<10	<10	82	<10		
E599777	K-07-0072	31.2	33.22	SCH	SCH	Non-Mineralized	N-AML	750	0.38	<5	9			137	<20	0.22	<10	<10	87	<10		
E599788	K-07-0072	49.48	50.73	SCH	SCH	Non-Mineralized	N-AML	770	0.3	<5	6			132	<20	0.16	<10	<10	63	<10		
E599776	K-07-0072	30.6	31.2	SCH	SCH	Non-Mineralized	N-AML	190	0.12	<5	2			37	<20	0.06	<10	<10	16	<10		
E599778	K-07-0072	33.22	35.2	SCH	SCH	Non-Mineralized	N-AML	760	0.31	<5	4			189	<20	0.1	<10	<10	39	<10		
E599794	K-07-0072	56	56.86	SCH	SCH	Non-Mineralized	N-AML	350	0.11	6	4			49	<20	0.12	<10	<10	42	<10		
E599792	K-07-0072	54.86	55.7	SCH	SCH	Non-Mineralized	N-AML	360	0.07	5	2			41	<20	0.08	<10	<10	21	<10		
E599791	K-07-0072	53.5	54.86	SCH	SCH	Non-Mineralized	N-AML	940	0.13	<5	8			177	<20	0.24	<10	<10	82	<10		
E599790	K-07-0072	51.51	53.5	SCH	SCH	Non-Mineralized	N-AML	480	0.17	<5	3			57	<20	0.12	<10	<10	34	<10		
E599789	K-07-0072	50.73	51.51	SCH	SCH	Non-Mineralized	N-AML	140	0.02	<5	1			7	<20	0.02	<10	<10	6	<10		
E599785	K-07-0072	43.25	45.42	SCH	SCH	Non-Mineralized	N-AML	690	0.32	<5	4			52	<20	0.1	<10	<10	38	<10		
E599795	K-07-0072	56.86	57.84	SCH	SCH	Non-Mineralized	N-AML	200	0.06	<5	2			23	<20	0.05	<10	<10	25	<10		
E599765	K-07-0072	13	15	SCH	SCH	Non-Mineralized	N-AML	320	0.07	<5	2			43	<20	0.09	<10	<10	18	<10		
E599772	K-07-0072	25.05	27	SCH	SCH	Non-Mineralized	N-AML	500	0.19	5	7			124	<20	0.21	<10	<10	71	<10		
E599771	K-07-0072	23	25.05	SCH	SCH	Non-Mineralized	N-AML	440	0.16	<5	5			93	<20	0.16	<10	<10	46	<10		
E599770	K-07-0072	21.03	23	SCH	SCH	Non-Mineralized	N-AML	470	0.11	<5	6			104	<20	0.15	<10	<10	55	<10		
E599769	K-07-0072	19	21.03	SCH	SCH	Non-Mineralized	N-AML	720	0.09	<5	4			57	<20	0.13	10	<10	36	<10		
E599766	K-07-0072	15	17	SCH	SCH	Non-Mineralized	N-AML	390	0.14	<5	2			24	<20	0.1	<10	<10	20	<10		
E599768	K-07-0072	17	19	SCH	SCH	Non-Mineralized	N-AML	440	0.13	<5	1			45	<20	0.05	<10	<10	10	<10		
E599764	K-07-0072	11	13	SCH	SCH	Non-Mineralized	N-AML	410	0.11	<5	3			76	<20	0.07	<10	<10	31	<10		
E599763	K-07-0072	9	11	SCH	SCH	Non-Mineralized	N-AML	450	0.07	<5	7			100	<20	0.19	<10	<10	67	<10		
E599761	K-07-0072	7.08	9	SCH	SCH	Non-Mineralized	N-AML	650	0.12	<5	5			106	<20	0.14	<10	<10	51	<10		
E599760	K-07-0072	5.08	7.08	SCH	SCH	Non-Mineralized	N-AML	590	0.07	<5	8			112	<20	0.19	<10	<10	64	<10		
E599759	K-07-0072	3.55	5.08	SCH	SCH	Non-Mineralized	N-AML	910	0.06	<5	14			238	<20	0.27	<10	<10	123	<10		
E599758	K-07-0072	1.54	3.55	SCH	SCH	Non-Mineralized	N-AML	560	0.04	<5	9			126	<20	0.23	<10	<10	79	<10		
E599870	K-07-0072	160.6	162.5	SCH	SCH	Non-Mineralized	N-AML	740	0.46	<5	10			94	<20	0.3	<10	<10	94	<10		
E599861	K-07-0072	146.45	147.75	SCH	SCH	Non-Mineralized	N-AML	830	1.23	8	11			197	<20	0.33	10	<10	109	<10		
E599862	K-07-0072	147.75	149.75	SCH	SCH	Non-Mineralized	N-AML	180	0.2	<5	2			41	<20	0.09	<10	<10	21	<10		
E599863	K-07-0072	149.75	151.7	SCH	SCH	Non-Mineralized	N-AML	260	0.53	<5	4			50	<20	0.15	<10	<10	49	<10		
E599864	K-07-0072	151.7	153.1	SCH	SCH	Non-Mineralized	N-AML	500	0.65	<5	3			118	<20	0.1	<10	<10	30	<10		
E599865	K-07-0072	153.1	154.9	SCH	SCH	Non-Mineralized	N-AML	380	0.97	<5	6			128	<20	0.17	<10	<10	63	<10		
E599867	K-07-0072	154.9	156.5	SCH	SCH	Non-Mineralized	N-AML	250	0.36	<5	3			42	<20	0.09	<10	<10	29	<10		
E599869	K-07-0072	158.2	160.6	SCH	SCH	Non-Mineralized	N-AML	320	0.44	<5	1			8	<20	0.06	<10	<10	15	<10		
E599858	K-07-0072	142	143.5	SCH	SCH	Non-Mineralized	N-AML	560	0.22	5	3			86	<20	0.12	<10	<10	33	<10		
E599871	K-07-0072	162.5	164.5	SCH	SCH	Non-Mineralized	N-AML	490	0.56	<5	4			107	<20	0.14	<10	<10	44	<10		
E599872	K-07-0072	164.5	166.2	SCH	SCH	Non-Mineralized	N-AML	490	0.63	<5	5			40	<20	0.16	<10	<10	55	<10		
E599873	K-07-0072	166.2	168.5	SCH	SCH	Non-Mineralized	N-AML	280	0.38	<5	3			16	<20	0.13	<10	<10	27	<10		
E599875	K-07-0072	168.5	169.5	SCH	SCH	Non-Mineralized	N-AML	240	0.27	<5	2			10	<20	0.08	<10	<10	21	<10		
E599868	K-07-0072	156.5	158.2	SCH	SCH	Non-Mineralized	N-AML	380	0.33	<5	3			19	<20	0.09	<10	<10	32	<10		
E599860	K-07-0072	145.2	146.45	SCH	SCH	Non-Mineralized	N-AML	570	0.86	8	5			194	<20	0.18	<10	<10	51	<10		
E599859	K-07-0072	143.5	145.2	SCH	SCH	Non-Mineralized	N-AML	550	1.17	8	9			190	<20	0.28	<10	<10	96	<10		
E599851	K-07-0072	134.99	136.5	SCH	SCH	Non-Mineralized	N-AML	1050	1.13	8	8			135	<20	0.29	<10	<10	95	<10		
E599853	K-07-0072	136.5	138.05	SCH	SCH	Non-Mineralized	N-AML	420	0.62	<5	3			63	<20	0.12	10	<10	36	<10		
E599854	K-07-0072	138.05	139.65	SCH	SCH	Non-Mineralized	N-AML	740	0.6	6	7			98	<20	0.23	10	<10	79	<10		
E599855	K-07-0072	139.65	140.45	SCH	SCH	Non-Mineralized	N-AML	150	0.15	<5	1			30	<20	0.07	10	<10	11	<10		
E599856	K-07-0072	140.45	142	SCH	SCH	Non-Mineralized	N-AML	830	0.2	9	13			125	<20	0.37	<10	<10	123	<10		
E599879	K-07-0072	172.38	174.23	SCH	SCH	Non-Mineralized	N-AML	360	0.46	<5	5			23	<20	0.18	<10	<10	46	<10		
E599876	K-07-0072	169.5	170.3	SCH	SCH	Non-Mineralized	P-AML	670	1.25	16	12			14	<20	0.52	<10	<10	174	<10		
E599897	K-07-0072	192.1	193.6	SCH	SCH	Non-Mineralized	P-AML	470	0.12	8	7			68	<20	0.25	<10	<10	68	<10		
E599881	K-07-0072	175.8	177.56	SCH	SCH	Non-Mineralized	N-AML	260	1.69	5	6			6	<20	0.12	<10	<10	65	<10		
E599883	K-07-0072	177.56	179.35	SCH	SCH	Non-Mineralized	P-AML	490	0.35	<5	7			43	<20	0.27	10	<10	94	<10		
E599890	K-07-0072	183.95	186.16	SCH	SCH	Non-Mineralized	N-AML	150	0.3	<5	1			6	<20	0.09	<10	<10	15	<10		
E599892	K-07-0072	186.16	187.4	SCH	SCH	Non-Mineralized	N-AML	170	0.28	<5	1			5	<20	0.06	<10	<10	13	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E599894	K-07-0072	188.52	189.8	SCH	SCH	Non-Mineralized	N-AML	530	0.41	<5	8			42	<20	0.24	<10	<10	81	<10		
E599895	K-07-0072	189.8	191.23	SCH	SCH	Non-Mineralized	N-AML	310	0.29	<5	4			26	<20	0.12	10	<10	35	<10		
E599896	K-07-0072	191.23	192.1	SCH	SCH	Non-Mineralized	N-AML	170	0.23	<5	2			17	<20	0.09	<10	<10	18	<10		
E599878	K-07-0072	170.3	172.38	SCH	SCH	Non-Mineralized	N-AML	160	0.19	<5	2			8	<20	0.1	<10	<10	20	<10		
E599904	K-07-0072	201.2	203.2	SCH	SCH	Non-Mineralized	N-AML	710	0.01	6	17			94	<20	0.42	<10	<10	222	<10		
E601552	K-07-0116	1.22	2.7	SCH	SCH	Non-Mineralized	N-AML	640	0.06	6	9			137	<20	0.18	<10	<10	80	<10		
E601553	K-07-0116	2.7	4.56	SCH	SCH	Non-Mineralized	N-AML	920	0.12	<5	13			241	<20	0.25	30	<10	108	<10		
E601575	K-07-0116	37.45	39.46	SCH	SCH	Non-Mineralized	N-AML	980	0.66	<5	11			167	<20	0.18	<10	<10	90	<10		
E601576	K-07-0116	39.46	41.45	SCH	SCH	Non-Mineralized	N-AML	500	0.18	<5	4			135	<20	0.12	<10	<10	39	<10		
E601577	K-07-0116	41.45	43.5	SCH	SCH	Non-Mineralized	N-AML	510	0.22	<5	7			131	<20	0.21	<10	<10	68	<10		
E601578	K-07-0116	43.5	45.04	SCH	SCH	Non-Mineralized	N-AML	760	0.67	<5	16			282	<20	0.35	<10	<10	145	<10		
E601573	K-07-0116	33.42	35.49	SCH	SCH	Non-Mineralized	N-AML	410	0.12	<5	6			101	<20	0.16	<10	<10	56	<10		
E601572	K-07-0116	31.45	33.42	SCH	SCH	Non-Mineralized	N-AML	420	0.26	<5	3			72	<20	0.12	<10	<10	34	<10		
E601574	K-07-0116	35.49	37.45	SCH	SCH	Non-Mineralized	N-AML	870	0.28	6	11			147	<20	0.25	<10	<10	99	<10		
E601569	K-07-0116	28.5	29.26	SCH	SCH	Non-Mineralized	N-AML	1060	0.55	7	16			151	<20	0.3	<10	<10	140	<10		
E601571	K-07-0116	29.26	31.45	SCH	SCH	Non-Mineralized	N-AML	650	0.26	<5	8			130	<20	0.21	<10	<10	79	<10		
E601605	K-07-0116	82.87	84.17	SCH	SCH	Non-Mineralized	P-AML	670	0.62	8	11			100	<20	0.34	<10	<10	115	<10		
E601606	K-07-0116	84.17	85.92	SCH	SCH	Non-Mineralized	N-AML	430	0.97	<5	8			56	<20	0.28	<10	<10	85	<10		
E601607	K-07-0116	85.92	87.58	SCH	SCH	Non-Mineralized	P-AML	450	0.63	9	7			107	<20	0.25	<10	<10	80	<10		
E601608	K-07-0116	87.58	89.67	SCH	SCH	Non-Mineralized	N-AML	240	0.16	<5	3			27	<20	0.14	<10	<10	26	<10		
E776940	K-07-0121	174.2	175.93	SCH	SCH	Non-Mineralized	N-AML	970	0.91	<5	13			230	<20	0.43	<10	<10	145	<10		
E776941	K-07-0121	175.93	177.69	SCH	SCH	Non-Mineralized	N-AML	1060	1.39	<5	15			219	<20	0.41	<10	<10	169	<10		
E602213	K-07-0122	135.24	136.22	SCH	SCH	Non-Mineralized	P-AML	570	1.42	<5	16			97	<20	0.35	<10	<10	168	<10		
E602210	K-07-0122	129.77	131.34	SCH	SCH	Non-Mineralized	N-AML	490	0.77	8	16			63	<20	0.2	<10	<10	147	<10		
E602212	K-07-0122	133.4	135.24	SCH	SCH	Non-Mineralized	P-AML	500	1.16	<5	11			99	<20	0.25	<10	<10	110	<10		
E602211	K-07-0122	131.34	133.4	SCH	SCH	Non-Mineralized	P-AML	560	1.78	<5	12			71	<20	0.26	<10	<10	121	<10		
E602208	K-07-0122	127.7	129.77	SCH	SCH	Non-Mineralized	N-AML	450	0.75	<5	7			71	<20	0.17	<10	<10	78	<10		
E776980	K-07-0123	161.94	163.7	SCH	SCH	Non-Mineralized	N-AML	370	1.52	8	10			107	<20	0.29	<10	<10	108	<10		
E602375	K-07-0125	121.31	124.36	SCH	SCH	Non-Mineralized	N-AML	420	0.38	5	5			42	<20	0.18	<10	<10	57	<10		
E602374	K-07-0125	118.65	121.31	SCH	SCH	Non-Mineralized	P-AML	940	0.44	9	10			91	<20	0.33	<10	<10	116	<10		
E602373	K-07-0125	117.17	118.65	SCH	SCH	Non-Mineralized	P-AML	830	0.57	9	8			56	<20	0.26	<10	<10	88	<10		
E602372	K-07-0125	114.92	117.17	SCH	SCH	Non-Mineralized	P-AML	580	0.48	8	8			36	<20	0.27	<10	<10	93	<10		
E602370	K-07-0125	112.88	114.92	SCH	SCH	Non-Mineralized	P-AML	660	0.05	<5	21			17	<20	0.54	10	<10	248	<10		
E602376	K-07-0125	124.36	127.41	SCH	SCH	Non-Mineralized	P-AML	1460	1.15	16	15			149	<20	0.45	<10	<10	171	<10		
E602378	K-07-0125	127.41	129.99	SCH	SCH	Non-Mineralized	P-AML	1110	0.69	8	8			83	<20	0.25	<10	<10	78	<10		
E602379	K-07-0125	129.99	131.08	SCH	SCH	Non-Mineralized	P-AML	1140	0.79	11	12			147	<20	0.36	<10	<10	128	10		
E770039	K-08-0135	6.1	9	SCH	SCH	Non-Mineralized	N-AML	540	0.07	6	8			117	<20	0.21	<10	<10	78	<10		
E770040	K-08-0135	9	12	SCH	SCH	Non-Mineralized	N-AML	610	0.13	<5	10			145	<20	0.23	<10	<10	93	<10		
E770041	K-08-0135	12	14.43	SCH	SCH	Non-Mineralized	N-AML	400	0.06	<5	6			87	<20	0.17	<10	<10	53	<10		
E770168	K-08-0139	133.33	135.83	SCH	SCH	Non-Mineralized	N-AML	1300	0.83	53	7			96	<20	0.23	<10	<10	82	10		
E754240	K-08-0143	89.93	90.19	SCH	SCH	Non-Mineralized	N-AML	300	0.2	<5	1			11	<20	0.04	<10	<10	11	<10		
E754244	K-08-0143	90.58	91.13	SCH	SCH	Non-Mineralized	N-AML	50	0.17	<5	1			6	<20	0.01	<10	<10	3	<10		
E754276	K-08-0143	223.07	225.55	SCH	SCH	Non-Mineralized	N-AML	270	1.04	6	5			20	<20	0.18	<10	<10	61	<10		
E754357	K-08-0148	216.76	219.68	SCH	SCH	Non-Mineralized	P-AML	670	0.56	<5	8			93	<20	0.27	<10	<10	108	<10		
E770416	K-08-0150	199.53	202.38	SCH	SCH	Non-Mineralized	N-AML	750	0.02	<5	17			100	<20	0.43	<10	<10	221	<10		
E754442	K-08-0154	149.87	151.19	SCH	SCH	Non-Mineralized	N-AML	770	1.19	<5	15			263	<20	0.41	<10	<10	153	<10		
E754443	K-08-0154	151.19	153.09	SCH	SCH	Non-Mineralized	N-AML	770	0.39	<5	9			222	<20	0.23	<10	<10	87	<10		
E754454	K-08-0154	175.15	178.15	SCH	SCH	Non-Mineralized	N-AML	560	0.56	<5	10			114	<20	0.27	<10	<10	95	<10		
E754455	K-08-0154	178.15	179.83	SCH	SCH	Non-Mineralized	N-AML	300	0.27	<5	4			130	<20	0.15	<10	<10	39	<10		
E754456	K-08-0154	179.83	182.4	SCH	SCH	Non-Mineralized	N-AML	450	0.51	<5	6			141	<20	0.21	<10	<10	59	<10		
E774901	K-10-0322	43.4	44.93	SCH	SCH	Non-Mineralized	N-AML	670	0.01	19	2			12	<20	0.08	<10	<10	17	<10		
E599793	K-07-0072	55.7	56	SCH	SCH	Mineralized	P-AML	490	0.06	14	1			43	<20	0.03	<10	<10	10	<10		
E599880	K-07-0072	174.23	175.8	SCH	SCH	Mineralized	P-AML	330	1.21	26	4			14	<20	0.14	<10	<10	44	<10		
E599884	K-07-0072	179.35	179.98	SCH	SCH	Mineralized	P-AML	390	1.04	<5	4			29	<20	0.18	<10	<10	49	<10		
E599893	K-07-0072	187.4	188.52	SCH	SCH	Mineralized	P-AML	190	0.63	10	1			5	<20	0.03	10	<10	8	<10		
E599887	K-07-0072	180.45	181.6	SCH	SCH	Mineralized	P-AML	140	4.9	14	5			8	<20	0.06	10	10	26	<10		
E770144	K-08-0139	108.61	109.12	SCH	SCH	Mineralized	P-AML	330	3.78	175	4			37	<20	0.11	<10	<10	36	10		
E770146	K-08-0139	109.12	110.1	SCH	SCH	Mineralized	P-AML	110	3.14	152	2			16	<20	0.09	<10	<10	28	10		
E770171	K-08-0139	137	139.35	SCH	SCH	Mineralized	P-AML	680	1.7	69	7			69	<20	0.26	<10	<10	88	10		
E754241	K-08-0143	90.19	90.41	SCH	SCH	Mineralized	P-AML	230	0.39	<5	1			15	<20	0.03	<10	<10	11	<10		
E754242	K-08-0143	90.41	90.58	SCH	SCH	Mineralized	P-AML	60	0.54	<5	2			13	<20	0.02	10	<10	9	<10		
E751518	K-07-0069	64.01	66.01	SSCH	SSCH	Non-Mineralized	N-AML	420	0.04	<5	11			29	<20	0.18	<10	<10	101	<10		
E751522	K-07-0069	72.01	74.01	SSCH	SSCH	Non-Mineralized	N-AML	360	0.07	<5	11			21	<20	0.16	<10	<10	81	<10		
E751520	K-07-0069	68.01	70.01	SSCH	SSCH	Non-Mineralized	N-AML	340	0.07	<5	11			35	<20	0.21	<10	<10	107	<10		
E599961	K-07-0074	75.75	77.75	SSCH	SSCH	Non-Mineralized	N-AML	300	0.07	<5	12			41	<20	0.2	<10	<10	75	<10		
E599799	K-07-0072	61.5	62.91	SSCH	SSCH	Non-Mineralized	N-AML	390	0.07	<5	12			65	<20	0.22	<10	<10	108	<10		
E599802	K-07-0072	64.7	66	SSCH	SSCH	Non-Mineralized	N-AML	420	0.1	5	13			52	<20	0.21	<10	<10	107	<10		
E599957	K-07-0074	69.73	71.75	SSCH	SSCH	Non-Mineralized	N-AML	440	0.12	<5	14			76	<20	0.22	<10	<10	126	<10		
E599959	K-07-0074	71.75	73.75	SSCH	SSCH	Non-Mineralized	N-AML	380	0.13	6	12			49	<20	0.2	10	<10	104	<10		
E770077	K-08-0135	93.02	96	SSCH	SSCH	Non-Mineralized	N-AML	340	0.17	<5	12			33	<20	0.24	<10	<10	111	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E770079	K-08-0135	96	99	SSCH	SSCH	Non-Mineralized	N-AML	290	0.21	<5	13			129	<20	0.18	<10	<10	93	<10		
E770080	K-08-0135	99	102	SSCH	SSCH	Non-Mineralized	N-AML	400	0.1	<5	12			75	<20	0.2	<10	<10	111	<10		
E770081	K-08-0135	102	105	SSCH	SSCH	Non-Mineralized	N-AML	470	0.2	<5	12			81	<20	0.27	10	<10	108	<10		
E770082	K-08-0135	105	108	SSCH	SSCH	Non-Mineralized	N-AML	400	0.1	<5	12			66	<20	0.23	<10	<10	105	<10		
E770083	K-08-0135	108	110.35	SSCH	SSCH	Non-Mineralized	N-AML	400	0.43	<5	12			72	<20	0.19	<10	<10	99	<10		
E751517	K-07-0069	62.01	64.01	SSCH	SSCH	Non-Mineralized	N-AML	350	0.02	<5	12			26	<20	0.21	<10	<10	106	<10		
E751519	K-07-0069	66.01	68.01	SSCH	SSCH	Non-Mineralized	N-AML	480	0.07	<5	12			32	<20	0.23	<10	<10	111	<10		
E751521	K-07-0069	70.01	72.01	SSCH	SSCH	Non-Mineralized	N-AML	450	0.07	<5	12			29	<20	0.2	<10	<10	109	<10		
E751523	K-07-0069	74.01	74.98	SSCH	SSCH	Non-Mineralized	P-AML	500	0.07	6	14			11	<20	0.38	<10	<10	176	10		
E751515	K-07-0069	60.05	62.01	SSCH	SSCH	Non-Mineralized	N-AML	430	0.13	<5	11			44	<20	0.19	<10	<10	90	<10		
E599808	K-07-0072	71.3	73.1	SSCH	SSCH	Non-Mineralized	N-AML	630	0.35	<5	30			50	<20	0.62	<10	<10	277	<10		
E599801	K-07-0072	63.7	64.7	SSCH	SSCH	Non-Mineralized	N-AML	500	0.12	<5	13			78	<20	0.22	10	<10	113	<10		
E599796	K-07-0072	57.84	59.38	SSCH	SSCH	Non-Mineralized	N-AML	480	0.12	<5	13			62	<20	0.2	<10	<10	105	<10		
E599800	K-07-0072	62.91	63.7	SSCH	SSCH	Non-Mineralized	N-AML	430	0.09	<5	12			56	<20	0.22	<10	<10	108	<10		
E599797	K-07-0072	59.38	61.5	SSCH	SSCH	Non-Mineralized	N-AML	360	0.05	<5	11			36	<20	0.21	<10	<10	104	<10		
E599806	K-07-0072	69.9	71.3	SSCH	SSCH	Non-Mineralized	N-AML	460	0.59	6	13			54	<20	0.19	<10	<10	128	<10		
E599805	K-07-0072	68	69.9	SSCH	SSCH	Non-Mineralized	N-AML	560	0.51	5	10			63	<20	0.11	<10	<10	78	<10		
E599804	K-07-0072	66	68	SSCH	SSCH	Non-Mineralized	N-AML	320	0.17	<5	12			59	<20	0.18	10	<10	74	<10		
E599960	K-07-0074	73.75	75.75	SSCH	SSCH	Non-Mineralized	N-AML	420	0.12	11	12			36	<20	0.18	<10	<10	101	<10		
E599956	K-07-0074	67.73	69.73	SSCH	SSCH	Non-Mineralized	N-AML	490	0.34	7	14			53	<20	0.14	<10	<10	118	<10		
E599963	K-07-0074	79.75	80.78	SSCH	SSCH	Non-Mineralized	N-AML	530	0.48	<5	12			58	<20	0.16	10	<10	102	<10		
E599965	K-07-0074	80.78	81.45	SSCH	SSCH	Non-Mineralized	N-AML	440	1.51	<5	16			70	<20	0.23	10	<10	174	<10		
E599966	K-07-0074	81.45	82.5	SSCH	SSCH	Non-Mineralized	N-AML	300	0.24	<5	10			41	<20	0.2	<10	<10	78	10		
E599967	K-07-0074	82.5	83.83	SSCH	SSCH	Non-Mineralized	N-AML	450	0.1	6	29			344	20	0.67	<10	<10	256	<10		
E599962	K-07-0074	77.75	79.75	SSCH	SSCH	Non-Mineralized	N-AML	330	0.33	<5	11			64	<20	0.17	10	<10	82	10		
E777301	K-08-0138	112	113.72	SSCH	SSCH	Non-Mineralized	N-AML	320	0.18	5	13			53	<20	0.21	<10	<10	105	<10		
E777300	K-08-0138	110	112	SSCH	SSCH	Non-Mineralized	N-AML	350	0.2	6	11			68	<20	0.23	<10	<10	110	<10		
E777299	K-08-0138	107.7	110	SSCH	SSCH	Non-Mineralized	N-AML	230	0.32	<5	11			51	<20	0.2	10	<10	91	<10		
E601786	K-07-0118	92.76	94.82	SSCH	SSCH	Non-Mineralized	N-AML	320	0.35	6	13			70	<20	0.19	<10	<10	96	<10		
E601788	K-07-0118	94.82	96.82	SSCH	SSCH	Non-Mineralized	N-AML	410	0.76	10	14			52	<20	0.21	10	<10	125	<10		
E601789	K-07-0118	96.82	97.61	SSCH	SSCH	Non-Mineralized	N-AML	430	1.59	16	17			66	<20	0.19	<10	10	176	<10		
E601785	K-07-0118	90.79	92.76	SSCH	SSCH	Non-Mineralized	N-AML	340	0.28	<5	11			54	<20	0.21	<10	<10	96	<10		
E601784	K-07-0118	89.97	90.79	SSCH	SSCH	Non-Mineralized	N-AML	360	0.25	5	12			73	<20	0.2	10	10	106	<10		
E776828	K-07-0121	29.59	30.1	SSCH	SSCH	Non-Mineralized	N-AML	680	0.34	5	12			161	<20	0.26	<10	<10	132	<10		
E602220	K-07-0122	145.69	146.95	SSCH	SSCH	Non-Mineralized	N-AML	350	0.22	<5	13			70	<20	0.2	<10	<10	97	<10		
E602214	K-07-0122	136.22	138.19	SSCH	SSCH	Non-Mineralized	P-AML	400	0.16	<5	13			95	<20	0.25	<10	<10	114	<10		
E602215	K-07-0122	138.19	140.13	SSCH	SSCH	Non-Mineralized	N-AML	420	0.15	<5	12			91	<20	0.2	<10	<10	92	<10		
E602216	K-07-0122	140.13	142.3	SSCH	SSCH	Non-Mineralized	N-AML	360	0.17	<5	12			127	<20	0.21	<10	<10	94	<10		
E602218	K-07-0122	142.3	144.3	SSCH	SSCH	Non-Mineralized	N-AML	290	0.21	<5	12			61	<20	0.17	<10	<10	80	<10		
E602219	K-07-0122	144.3	145.69	SSCH	SSCH	Non-Mineralized	N-AML	330	0.21	<5	13			48	<20	0.17	<10	<10	80	<10		
E602249	K-07-0122	170.32	172.32	SSCH	SSCH	Non-Mineralized	N-AML	370	0.4	<5	12			74	<20	0.27	<10	<10	111	<10		
E602268	K-07-0122	202.21	202.96	SSCH	SSCH	Non-Mineralized	N-AML	880	0.18	<5	31			225	<20	0.72	<10	<10	324	<10		
E753954	K-08-0130	81.94	83.53	SSCH	SSCH	Non-Mineralized	N-AML	270	0.06	5	10			15	<20	0.16	10	<10	82	<10		
E754019	K-08-0134	100.19	101.91	SSCH	SSCH	Non-Mineralized	N-AML	430	0.12	<5	13			78	<20	0.24	<10	<10	116	<10		
E754020	K-08-0134	101.91	103.72	SSCH	SSCH	Non-Mineralized	N-AML	390	0.2	<5	14			82	<20	0.22	<10	<10	107	<10		
E754022	K-08-0134	105.72	108.17	SSCH	SSCH	Non-Mineralized	N-AML	380	0.47	<5	11			67	<20	0.18	<10	<10	92	<10		
E754021	K-08-0134	103.72	105.72	SSCH	SSCH	Non-Mineralized	N-AML	390	0.9	<5	11			97	<20	0.2	<10	<10	110	<10		
E602644	K-08-0136	28.95	31.45	SSCH	SSCH	Non-Mineralized	N-AML	480	0.03	<5	17			157	<20	0.47	<10	<10	174	<10		
E754179	K-08-0140	171.22	173	SSCH	SSCH	Non-Mineralized	N-AML	390	0.43	<5	5			70	<20	0.23	<10	<10	63	<10		
E754178	K-08-0140	170.75	171.22	SSCH	SSCH	Non-Mineralized	N-AML	520	0.28	7	18			66	<20	0.32	<10	<10	198	<10		
E777361	K-08-0142	28.47	30.05	SSCH	SSCH	Non-Mineralized	N-AML	410	0.04	<5	13			38	<20	0.22	<10	<10	108	<10		
E602892	K-08-0147	91.37	93.37	SSCH	SSCH	Non-Mineralized	N-AML	330	0.13	6	12			57	<20	0.24	<10	<10	109	<10		
E602886	K-08-0147	81.35	83.35	SSCH	SSCH	Non-Mineralized	N-AML	400	0.12	<5	12			51	<20	0.23	<10	<10	113	<10		
E602888	K-08-0147	85.35	87.35	SSCH	SSCH	Non-Mineralized	P-AML	350	0.13	<5	13			58	<20	0.27	<10	<10	123	<10		
E602893	K-08-0147	93.37	95.37	SSCH	SSCH	Non-Mineralized	P-AML	840	0.72	7	13			68	<20	0.26	<10	<10	147	<10		
E602891	K-08-0147	89.35	91.37	SSCH	SSCH	Non-Mineralized	N-AML	300	0.12	8	11			51	<20	0.21	<10	<10	85	<10		
E602889	K-08-0147	87.35	89.35	SSCH	SSCH	Non-Mineralized	N-AML	480	0.11	<5	11			60	<20	0.23	<10	<10	100	<10		
E602887	K-08-0147	83.35	85.35	SSCH	SSCH	Non-Mineralized	P-AML	410	0.17	<5	12			62	<20	0.26	<10	<10	113	<10		
E602884	K-08-0147	77.35	79.35	SSCH	SSCH	Non-Mineralized	N-AML	420	0.1	<5	12			113	<20	0.2	10	<10	95	<10		
E602882	K-08-0147	75.35	77.35	SSCH	SSCH	Non-Mineralized	N-AML	420	0.34	5	13			48	<20	0.24	10	<10	120	<10		
E602885	K-08-0147	79.35	81.35	SSCH	SSCH	Non-Mineralized	N-AML	420	0.19	<5	12			90	<20	0.21	10	<10	118	<10		
E602895	K-08-0147	97.27	98.56	SSCH	SSCH	Non-Mineralized	N-AML	230	0.32	10	11			55	<20	0.19	10	<10	89	<10		
E754313	K-08-0148	153.06	153.47	SSCH	SSCH	Non-Mineralized	N-AML	620	0.08	<5	27			114	<20	0.59	<10	<10	264	<10		
E602959	K-08-0149	93.57	96.01	SSCH	SSCH	Non-Mineralized	N-AML	370	0.13	<5	12			49	<20	0.18	<10	<10	107	<10		
E602958	K-08-0149	91.6	93.57	SSCH	SSCH	Non-Mineralized	N-AML	490	0.73	6	13			85	<20	0.24	<10	<10	133	<10		
E602960	K-08-0149	96.01	99.06	SSCH	SSCH	Non-Mineralized	N-AML	410	0.1	12	12			63	<20	0.23	<10	<10	113	<10		
E602961	K-08-0149	99.06	101.2	SSCH	SSCH	Non-Mineralized	N-AML	340	0.11	16	12			40	<20	0.22	10	<10	91	<10		
E770414	K-08-0150	195.11	197.51	SSCH	SSCH	Mineralized	P-AML	460	1.16	11	11			121	<20	0.23	<10	<10	160	<10		
E770415	K-08-0150	197.51	199.53	SSCH	SSCH	Non-Mineralized	N-AML	260	0.44	14	7			50	<20	0.21	10	<10	102	<10		
E754482	K-08-0154	224.09	225.43	SSCH	SSCH	Non-Mineralized	N-AML	420	0.3	<5	10			96	<20	0.24	<10	<10	97	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E603089	K-08-0155	54.9	57.61	SSCH	SSCH	Non-Mineralized	N-AML	380	0.08	<5	11			66	<20	0.2	<10	<10	91	<10		
E603094	K-08-0155	66.75	69.85	SSCH	SSCH	Non-Mineralized	N-AML	320	0.33	<5	11			57	<20	0.17	<10	<10	79	<10		
E603093	K-08-0155	63.7	66.75	SSCH	SSCH	Non-Mineralized	N-AML	330	0.14	<5	12			51	<20	0.23	<10	<10	101	<10		
E603092	K-08-0155	60.66	63.7	SSCH	SSCH	Non-Mineralized	N-AML	330	0.08	<5	11			60	<20	0.23	<10	<10	105	<10		
E603091	K-08-0155	57.61	60.66	SSCH	SSCH	Non-Mineralized	N-AML	330	0.08	<5	11			62	<20	0.23	<10	<10	101	<10		
E770554	K-08-0158	120.32	121.3	SSCH	SSCH	Non-Mineralized	P-AML	410	0.37	<5	12			30	<20	0.27	<10	<10	110	<10		
E770553	K-08-0158	119.33	120.32	SSCH	SSCH	Non-Mineralized	P-AML	620	1.08	5	13			79	<20	0.34	<10	<10	138	<10		
E770556	K-08-0158	121.3	122.34	SSCH	SSCH	Non-Mineralized	N-AML	350	0.24	<5	12			21	<20	0.24	<10	<10	107	<10		
E770558	K-08-0158	123.34	124.31	SSCH	SSCH	Non-Mineralized	N-AML	210	0.13	<5	13			19	<20	0.21	<10	<10	91	<10		
E770559	K-08-0158	124.31	125.6	SSCH	SSCH	Non-Mineralized	N-AML	240	0.15	<5	11			12	<20	0.18	<10	<10	79	<10		
E770560	K-08-0158	125.6	126.89	SSCH	SSCH	Non-Mineralized	N-AML	320	0.11	<5	6			10	<20	0.21	<10	<10	101	<10		
E770557	K-08-0158	122.34	123.34	SSCH	SSCH	Non-Mineralized	N-AML	260	0.1	<5	11			20	<20	0.2	<10	<10	88	<10		
E778187	K-08-0177	67.74	68.48	SSCH	SSCH	Non-Mineralized	N-AML	750	0.65	<5	10			169	<20	0.42	<10	<10	115	<10		
E773283	K-10-0262	73.16	74.39	SSCH	SSCH	Non-Mineralized	N-AML	270	0.28	11	14			18	<20	0.21	<10	<10	99	<10		
E773280	K-10-0262	70.34	71.63	SSCH	SSCH	Non-Mineralized	N-AML	360	0.44	11	9			12	<20	0.12	<10	10	79	<10		
E773303	K-10-0263	52.6	53.81	SSCH	SSCH	Non-Mineralized	N-AML	400	0.14	7	13			36	<20	0.23	10	<10	116	<10		
E756908	K-10-0244	81.92	82.74	SSCH	SSCH	Non-Mineralized	N-AML	360	0.07	11	10			27	<20	0.2	<10	<10	92	<10		
E773032	K-10-0247	33.61	34.86	SSCH	SSCH	Non-Mineralized	N-AML	517	0.043	<1	11	<10	<5	33	<5	0.16	<5	<5	122	<1	5	32
E773033	K-10-0247	34.86	36.11	SSCH	SSCH	Non-Mineralized	N-AML	605	0.053	2	9	<10	<5	49	<5	0.11	<5	<5	148	<1	3	46
E757010	K-10-0248	70.07	71.75	SSCH	SSCH	Non-Mineralized	N-AML	503	0.043	2	11	<10	<5	36	<5	0.09	<5	<5	117	<1	4	47
E757015	K-10-0248	77.08	78.92	SSCH	SSCH	Non-Mineralized	N-AML	307	0.097	2	9	<10	<5	88	<5	0.08	<5	<5	88.8	<1	4	28
E757013	K-10-0248	73.41	75.29	SSCH	SSCH	Non-Mineralized	N-AML	453	0.131	2	9	<10	<5	43	<5	0.14	<5	<5	99.3	<1	3	47
E757008	K-10-0248	66.14	68.13	SSCH	SSCH	Non-Mineralized	N-AML	409	0.114	4	11	<10	<5	42	<5	0.08	<5	<5	125	<1	3	31
E757007	K-10-0248	64.45	66.14	SSCH	SSCH	Non-Mineralized	N-AML	419	0.669	6	10	<10	<5	44	<5	0.1	<5	<5	137	1	4	56
E757014	K-10-0248	75.29	77.08	SSCH	SSCH	Non-Mineralized	N-AML	339	0.118	2	10	<10	<5	82	<5	0.1	<5	<5	76.5	<1	4	30
E757009	K-10-0248	68.13	70.07	SSCH	SSCH	Non-Mineralized	N-AML	482	0.073	2	11	<10	<5	44	<5	0.08	<5	<5	146	<1	4	41
E757012	K-10-0248	71.75	73.41	SSCH	SSCH	Non-Mineralized	N-AML	438	0.091	2	10	<10	<5	44	<5	0.12	<5	<5	107	1	4	48
E757074a	K-10-0251	71.21	72.53	SSCH	SSCH	Non-Mineralized	P-AML	590	0.03	22.8	12.2	1	36.1	28.7	6.7	0.251	2.18	1.9	93	3	10.2	64
E757073a	K-10-0251	70.47	71.21	SSCH	SSCH	Non-Mineralized	N-AML	310	0.11	6.46	11.7	1	1.9	32.5	6.6	0.217	1.8	1.6	97	1.1	6.4	57.5
E757139	K-10-0253	55.14	56.7	SSCH	SSCH	Non-Mineralized	N-AML	443	0.126	<1	11	<10	<5	47	<5	0.12	<5	<5	108	<1	4	42
E757140	K-10-0253	56.7	58.11	SSCH	SSCH	Non-Mineralized	N-AML	524	0.031	<1	10	<10	<5	45	<5	0.14	<5	<5	125	<1	4	49
E757142	K-10-0253	59.74	61.34	SSCH	SSCH	Non-Mineralized	N-AML	478	0.146	<1	12	<10	<5	62	<5	0.12	<5	<5	103	<1	4	30
E757143	K-10-0253	61.34	63.38	SSCH	SSCH	Non-Mineralized	N-AML	509	0.121	1	12	<10	<5	64	<5	0.14	<5	<5	134	<1	4	51
E757141	K-10-0253	58.11	59.74	SSCH	SSCH	Non-Mineralized	N-AML	492	0.121	<1	11	<10	<5	66	<5	0.11	<5	<5	100	<1	4	31
E757146	K-10-0253	65.71	67.84	SSCH	SSCH	Non-Mineralized	N-AML	534	0.096	1	13	<10	<5	56	<5	0.13	<5	<5	107	<1	4	26
E757138	K-10-0253	52.85	55.14	SSCH	SSCH	Non-Mineralized	N-AML	479	0.048	<1	12	<10	<5	61	7	0.08	<5	<5	102	<1	6	64
E757147	K-10-0253	67.84	69.25	SSCH	SSCH	Non-Mineralized	N-AML	619	0.112	<1	13	<10	<5	55	<5	0.18	<5	<5	112	<1	4	24
E757144	K-10-0253	63.38	65.71	SSCH	SSCH	Non-Mineralized	N-AML	547	0.088	<1	10	<10	<5	68	<5	0.12	<5	<5	103	<1	4	37
E773832	K-10-0306	101.2	102.2	SSCH	SSCH	Non-Mineralized	N-AML	320	0.07	6.95	12.5	1	12.5	21.6	6	0.226	2.44	1.4	96	2.4	8	60
E773833	K-10-0306	102.2	103.18	SSCH	SSCH	Non-Mineralized	N-AML	190	0.07	5.27	10.9	1	43.8	17.2	4.1	0.175	1.7	1.1	86	3.9	7	55.2
E773834	K-10-0306	103.18	104.18	SSCH	SSCH	Non-Mineralized	N-AML	200	0.23	10.75	13.2	1	8.6	24.5	4.2	0.186	1.59	1.2	92	2.2	6.1	47.3
E773835	K-10-0306	104.18	105.18	SSCH	SSCH	Non-Mineralized	N-AML	220	0.2	6.51	13.8	1	4.5	25.7	4.4	0.183	1.56	0.8	82	2.3	5.5	33.3
E773836	K-10-0306	105.18	105.77	SSCH	SSCH	Non-Mineralized	N-AML	230	0.09	7.35	10.8	1	16.9	20.8	4.5	0.168	1.56	1	82	2.1	6.5	51.3
E773837	K-10-0306	105.77	106.77	SSCH	SSCH	Non-Mineralized	N-AML	170	0.04	8.19	7.9	1	38.5	11	2.9	0.104	0.98	0.7	41	2.1	5.1	27.9
E773838	K-10-0306	106.77	107.5	SSCH	SSCH	Non-Mineralized	N-AML	340	0.08	4.25	12.9	1	4.6	31.8	5.8	0.223	1.4	1.3	92	1.8	7	55.1
E774692	K-10-0309	127.62	129.54	SSCH	SSCH	Non-Mineralized	N-AML	400	0.25	6.63	12.8	1	7.2	23.4	7.7	0.231	1.15	1.9	112	1.4	8.3	60.1
E774694	K-10-0309	129.54	130.55	SSCH	SSCH	Non-Mineralized	N-AML	400	0.17	1.98	11.5	1	5.9	23.7	5.2	0.222	0.74	1.6	96	1.2	7.1	49.5
E774755	K-10-0318	156.97	157.77	SSCH	SSCH	Non-Mineralized	P-AML	710	1.2	<5	14			14	<20	0.33	<10	<10	193	<10		
E004090	K-11-0329	82.2	82.73	SSCH	SSCH	Non-Mineralized	P-AML	410	0.3	6	12			44	<20	0.28	<10	<10	124	<10		
E770172	K-08-0139	139.35	139.6	SSCH	SSCH	Mineralized	P-AML	580	0.76	17	27			74	<20	0.35	10	<10	242	10		
E773279	K-10-0262	68.27	70.34	SSCH	SSCH	Mineralized	P-AML	280	1.48	73	10			19	<20	0.12	<10	<10	81	<10		
E773282	K-10-0262	71.63	73.16	SSCH	SSCH	Mineralized	P-AML	160	2.14	17	7			9	<20	0.11	<10	<10	58	<10		
E773284	K-10-0262	74.39	75.51	SSCH	SSCH	Mineralized	P-AML	180	1.86	5	8			8	<20	0.12	<10	<10	66	<10		
e756937	K-10-0245	83.99	85.18	SSCH	SSCH	Mineralized	P-AML	230	0.44	24.9	11.7	2	10.2	35.2	5.4	0.148	1.59	1.4	105	1.6	6.8	43.7
E757052	K-10-0248	121.66	123.47	SSCH	SSCH	Mineralized	P-AML	536	0.819	7	18	<10	86	17	<5	0.32	<5	<5	246	7	4	12
E004067	K-11-0330	82.16	83.82	SSCH	SSCH	Mineralized	P-AML	250	0.55	11	9			16	<20	0.16	<10	<10	81	<10		
E004068	K-11-0330	83.82	85.39	SSCH	SSCH	Mineralized	P-AML	250	1.35	35	11			14	<20	0.26	<10	<10	105	10		
E004084	K-11-0329	76.37	77.53	SSCH	SSCH	Mineralized	P-AML	440	0.04	13	10			21	<20	0.21	<10	<10	94	<10		
E000063	K-11-0334	70.51	71.59	SSCH	SSCH	Mineralized	P-AML	410	0.03	19	10			11	<20	0.32	<10	<10	140	20		
E756748	K-10-0237	44.89	46.39	TQTZT	TQTZT	Non-Mineralized	N-AML	670	0.31	<5	3			13	<20	0.09	<10	<10	28	<10		
E773292	K-10-0263	45.06	46.52	TQTZT	TQTZT	Non-Mineralized	N-AML	280	0.04	27	5			19	<20	0.12	<10	<10	46	<10		
E773301	K-10-0263	51.06	51.8	TQTZT	TQTZT	Non-Mineralized	N-AML	130	2.21	46	2			11	<20	0.06	<10	<10	20	10		
E773302	K-10-0263	51.8	52.6	TQTZT	TQTZT	Non-Mineralized	N-AML	180	0.25	12	1			5	<20	0.05	<10	<10	16	<10		
E773300	K-10-0263	50.13	51.06	TQTZT	TQTZT	Non-Mineralized	N-AML	290	1.54	20	3			10	<20	0.08	<10	<10	30	<10		
E756832	K-10-0241	12.95	15.11	TQTZT	TQTZT	Non-Mineralized	N-AML	359	0.008	5	3	<10	16	25	<5	0.05	<5	<5	40.3	2	4	23
E756831	K-10-0241	11.23	12.95	TQTZT	TQTZT	Non-Mineralized	N-AML	537	0.01	7	7	<10	24	85	6	0.1	<5	<5	121	2	3	39
E756830	K-10-0241	8.89	11.23	TQTZT	TQTZT	Non-Mineralized	N-AML	345	0.045	24	5	<10	<5	62	<5	0.12	<5	<5	73.6	<1	4	29
E756839	K-10-0241	22.61	23.47	TQTZT	TQTZT	Non-Mineralized	N-AML	361	0.066	2	5	<10	<5	83	<5	0.07	<5	<5	67	<1	3	37
E756838	K-10-0241	21.45	22.61	TQTZT	TQTZT	Non-Mineralized	N-AML	359	0.051	3	6	<10	<5	108	5	0.08	<5	<5	71.6	<1	4	36
E756837	K-10-0241	19.45	21.45	TQTZT	TQTZT	Non-Mineralized	N-AML	539	0.037	3	8	<10	<5	115	6	0.08	<5	<5	86.6	<1	4	46

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E756835	K-10-0241	17.37	19.45	TQTZT	TQTZT	Non-Mineralized	N-AML	377	0.051	2	4	<10	<5	60	<5	0.06	<5	<5	51.7	<1	3	28
E756853	K-10-0241	44.26	45.49	TQTZT	TQTZT	Non-Mineralized	N-AML	572	0.156	3	7	<10	<5	99	5	0.13	<5	<5	97.9	<1	3	55
E756852	K-10-0241	42.51	44.26	TQTZT	TQTZT	Non-Mineralized	N-AML	433	0.071	2	5	<10	<5	90	<5	0.1	<5	<5	60	<1	3	35
E756875	K-10-0241	73.45	75.08	TQTZT	TQTZT	Non-Mineralized	N-AML	397	0.082	8	4	<10	<5	91	<5	0.07	<5	<5	86.1	<1	4	34
E756874	K-10-0241	72.61	73.45	TQTZT	TQTZT	Non-Mineralized	N-AML	666	0.055	9	7	<10	<5	78	5	0.11	<5	<5	67.3	1	5	47
E756873	K-10-0241	71.01	72.61	TQTZT	TQTZT	Non-Mineralized	N-AML	405	0.024	7	5	<10	<5	126	<5	0.2	<5	<5	101	<1	4	31
E756901	K-10-0241	95.78	97.81	TQTZT	TQTZT	Non-Mineralized	N-AML	360	0.15	5	3			25	<20	0.14	<10	<10	35	<10		
E756902	K-10-0241	97.81	98.62	TQTZT	TQTZT	Non-Mineralized	N-AML	260	0.32	<5	2			13	<20	0.1	<10	<10	17	<10		
E756903	K-10-0241	98.62	99.54	TQTZT	TQTZT	Non-Mineralized	P-AML	910	0.43	5	9			68	<20	0.29	<10	<10	101	<10		
E756904	K-10-0241	99.54	101.8	TQTZT	TQTZT	Non-Mineralized	P-AML	810	0.31	5	9			76	<20	0.28	<10	<10	101	<10		
E756917	K-10-0244	88.09	89.3	TQTZT	TQTZT	Non-Mineralized	N-AML	330	1	9	4			32	<20	0.18	<10	<10	49	<10		
E756944	K-10-0245	92.78	94.17	TQTZT	TQTZT	Non-Mineralized	N-AML	450	0.67	6	5			41	<20	0.14	<10	<10	46	<10		
E756958	K-10-0245	105.46	107.59	TQTZT	TQTZT	Non-Mineralized	N-AML	330	0.58	<5	2			8	<20	0.08	<10	<10	18	<10		
E756956	K-10-0245	103.12	104.15	TQTZT	TQTZT	Non-Mineralized	N-AML	260	1.16	<5	1			8	<20	0.07	<10	<10	14	<10		
E756959	K-10-0245	107.59	109.6	TQTZT	TQTZT	Non-Mineralized	N-AML	400	0.87	5	3			19	<20	0.09	<10	<10	33	<10		
E756960	K-10-0245	109.6	111.85	TQTZT	TQTZT	Non-Mineralized	N-AML	590	1	<5	7			51	<20	0.21	<10	<10	61	<10		
E773015	K-10-0247	7.32	9.53	TQTZT	TQTZT	Non-Mineralized	N-AML	550	0.051	3	4	<10	<5	38	<5	0.08	<5	<5	45.4	<1	2	19
E773016	K-10-0247	9.53	11.28	TQTZT	TQTZT	Non-Mineralized	N-AML	474	0.137	2	5	<10	<5	54	<5	0.09	<5	<5	40.5	<1	3	21
E773017	K-10-0247	11.28	13.85	TQTZT	TQTZT	Non-Mineralized	N-AML	854	0.106	2	5	<10	<5	58	<5	0.09	<5	<5	47.9	1	4	31
E773021	K-10-0247	17.74	19.55	TQTZT	TQTZT	Non-Mineralized	N-AML	400	0.086	1	1	<10	<5	16	<5	0.05	<5	<5	15.1	<1	2	15
E773023	K-10-0247	21.66	22.87	TQTZT	TQTZT	Non-Mineralized	N-AML	335	0.083	<1	1	<10	<5	21	<5	0.02	<5	<5	10.4	<1	2	12
E773020	K-10-0247	16.46	17.74	TQTZT	TQTZT	Non-Mineralized	N-AML	656	0.133	1	2	<10	<5	78	<5	0.04	<5	<5	16.5	<1	4	20
E773022	K-10-0247	19.55	21.66	TQTZT	TQTZT	Non-Mineralized	N-AML	277	0.068	<1	<1	<10	<5	6	<5	0.03	<5	<5	8.4	<1	2	11
E773019	K-10-0247	14.61	16.46	TQTZT	TQTZT	Non-Mineralized	N-AML	454	0.114	1	1	<10	<5	29	<5	0.03	<5	<5	11.9	<1	2	13
E773024	K-10-0247	22.87	25.01	TQTZT	TQTZT	Non-Mineralized	N-AML	990	0.121	2	7	<10	<5	130	6	0.16	<5	<5	76	<1	6	44
E773026	K-10-0247	25.01	25.88	TQTZT	TQTZT	Non-Mineralized	N-AML	976	0.112	8	6	<10	<5	109	<5	0.15	<5	<5	71.1	<1	4	36
E773027	K-10-0247	25.88	26.51	TQTZT	TQTZT	Non-Mineralized	N-AML	578	0.143	2	5	<10	<5	107	<5	0.11	<5	<5	47.6	<1	5	29
E773028	K-10-0247	26.51	28.82	TQTZT	TQTZT	Non-Mineralized	N-AML	748	0.234	1	6	<10	<5	148	5	0.18	<5	<5	65.5	<1	13	44
E773031	K-10-0247	32.79	33.61	TQTZT	TQTZT	Non-Mineralized	N-AML	557	0.132	3	6	<10	<5	90	<5	0.15	<5	<5	65.2	<1	11	31
E773034	K-10-0247	36.11	37.78	TQTZT	TQTZT	Non-Mineralized	N-AML	378	0.14	3	4	<10	<5	32	<5	0.08	<5	<5	42	<1	6	25
E773037	K-10-0247	39.16	40.8	TQTZT	TQTZT	Non-Mineralized	N-AML	267	0.089	1	1	<10	<5	31	<5	0.06	<5	<5	15.6	<1	4	15
E773039	K-10-0247	40.8	41.12	TQTZT	TQTZT	Non-Mineralized	N-AML	613	0.253	2	7	<10	<5	138	<5	0.23	<5	<5	66.2	<1	13	23
E773040	K-10-0247	41.12	43.01	TQTZT	TQTZT	Non-Mineralized	N-AML	287	0.145	<1	2	<10	<5	25	<5	0.07	<5	<5	24.9	<1	4	17
E773045	K-10-0247	47.04	48.82	TQTZT	TQTZT	Non-Mineralized	N-AML	413	0.091	7	12	<10	<5	107	<5	0.31	<5	<5	132	<1	10	24
E773047	K-10-0247	49.99	51.35	TQTZT	TQTZT	Non-Mineralized	N-AML	492	0.066	2	9	<10	<5	101	<5	0.24	<5	<5	112	<1	11	22
E773048	K-10-0247	51.35	52.92	TQTZT	TQTZT	Non-Mineralized	N-AML	177	0.132	3	2	<10	<5	16	<5	0.04	<5	<5	23.5	<1	5	8
E773053	K-10-0247	57.85	59.16	TQTZT	TQTZT	Non-Mineralized	N-AML	281	0.33	1	3	<10	<5	131	<5	0.04	<5	<5	34.2	<1	5	17
E773054	K-10-0247	59.16	61.23	TQTZT	TQTZT	Non-Mineralized	N-AML	222	0.471	2	2	<10	<5	72	<5	0.04	<5	<5	27.9	<1	4	17
E773060	K-10-0247	65.96	68.01	TQTZT	TQTZT	Non-Mineralized	N-AML	247	0.224	2	2	<10	<5	37	<5	0.07	<5	<5	31	<1	4	18
E773061	K-10-0247	68.01	70.29	TQTZT	TQTZT	Non-Mineralized	N-AML	291	0.143	1	2	<10	<5	38	<5	0.05	<5	<5	22.3	<1	3	18
E773062	K-10-0247	70.29	72.17	TQTZT	TQTZT	Non-Mineralized	N-AML	280	0.277	1	1	<10	<5	34	<5	0.03	<5	<5	14.7	<1	3	14
E773064	K-10-0247	72.17	74.45	TQTZT	TQTZT	Non-Mineralized	N-AML	251	0.154	4	1	<10	<5	20	<5	0.05	<5	<5	19.6	2	3	21
E773058	K-10-0247	63.22	64.85	TQTZT	TQTZT	Non-Mineralized	N-AML	557	0.658	3	8	<10	<5	156	6	0.11	<5	<5	87	<1	6	36
E773059	K-10-0247	64.85	65.96	TQTZT	TQTZT	Non-Mineralized	N-AML	240	0.163	2	2	<10	<5	19	<5	0.05	<5	<5	22.8	<1	4	17
E773065	K-10-0247	74.45	76.15	TQTZT	TQTZT	Non-Mineralized	N-AML	125	0.051	2	<1	<10	<5	5	<5	0.02	<5	<5	9.1	<1	2	11
E773066	K-10-0247	76.15	78.16	TQTZT	TQTZT	Non-Mineralized	N-AML	160	0.061	1	<1	<10	<5	7	<5	0.03	<5	<5	13	<1	2	15
E773074	K-10-0247	85.47	87.15	TQTZT	TQTZT	Non-Mineralized	N-AML	595	0.121	3	6	<10	<5	150	6	0.08	<5	<5	56.6	<1	5	24
E773093	K-10-0247	102.2	103.32	TQTZT	TQTZT	Non-Mineralized	N-AML	160	0.03	<5	2			5	<20	0.1	<10	<10	13	<10		
E773094	K-10-0247	103.32	104.35	TQTZT	TQTZT	Non-Mineralized	N-AML	440	0.13	7	2			5	<20	0.07	<10	<10	15	<10		
E773095	K-10-0247	104.35	105.6	TQTZT	TQTZT	Non-Mineralized	N-AML	790	0.14	10	5			25	<20	0.16	<10	<10	52	<10		
E773096	K-10-0247	105.6	106.86	TQTZT	TQTZT	Non-Mineralized	N-AML	370	0.11	5	3			15	<20	0.13	<10	<10	32	<10		
E756973	K-10-0248	14.22	15.37	TQTZT	TQTZT	Non-Mineralized	N-AML	829	0.021	3	7	<10	<5	98	6	0.1	<5	<5	109	<1	4	46
E756972	K-10-0248	12.6	14.22	TQTZT	TQTZT	Non-Mineralized	N-AML	649	0.026	5	6	<10	8	76	5	0.09	<5	<5	77.5	1	4	36
E756978	K-10-0248	21.2	23.17	TQTZT	TQTZT	Non-Mineralized	N-AML	548	0.049	3	5	<10	<5	91	<5	0.11	<5	<5	76.5	<1	3	37
E756983	K-10-0248	29.48	31.52	TQTZT	TQTZT	Non-Mineralized	N-AML	387	0.048	2	5	<10	<5	81	<5	0.06	<5	<5	48.9	<1	3	31
E756982	K-10-0248	28.3	29.48	TQTZT	TQTZT	Non-Mineralized	N-AML	593	0.075	4	7	<10	<5	137	5	0.09	<5	<5	85.7	<1	3	48
E756988	K-10-0248	37.3	38.74	TQTZT	TQTZT	Non-Mineralized	N-AML	386	0.067	2	4	<10	<5	54	<5	0.06	<5	<5	37.3	<1	3	24
E756989	K-10-0248	38.74	40.54	TQTZT	TQTZT	Non-Mineralized	N-AML	522	0.183	3	5	<10	<5	73	<5	0.07	<5	<5	49.2	<1	4	32
E756990	K-10-0248	40.54	42.79	TQTZT	TQTZT	Non-Mineralized	N-AML	613	0.189	2	4	<10	<5	120	<5	0.09	<5	<5	41	<1	5	33
E757000	K-10-0248	54.52	56.08	TQTZT	TQTZT	Non-Mineralized	N-AML	676	0.26	4	8	<10	<5	108	<5	0.08	<5	<5	78.3	<1	4	43
E757004	K-10-0248	59.7	61.4	TQTZT	TQTZT	Non-Mineralized	N-AML	663	0.207	14	6	<10	<5	89	<5	0.08	<5	<5	62.6	<1	4	36
E757022	K-10-0248	88	90.08	TQTZT	TQTZT	Non-Mineralized	N-AML	440	0.3	<5	3			52	<20	0.14	<10	<10	37	<10		
E757021	K-10-0248	86.18	88	TQTZT	TQTZT	Non-Mineralized	N-AML	260	0.15	<5	2			35	<20	0.08	<10	<10	17	<10		
E757020	K-10-0248	84.36	86.18	TQTZT	TQTZT	Non-Mineralized	N-AML	638	0.215	2	5	<10	<5	61	<5	0.08	<5	<5	48.3	<1	5	32
E757019	K-10-0248	82.51	84.36	TQTZT	TQTZT	Non-Mineralized	N-AML	512	0.291	3	3	<10	<5	45	<5	0.03	<5	<5	31.4	<1	3	21
E757018	K-10-0248	80.54	82.51	TQTZT	TQTZT	Non-Mineralized	N-AML	599	0.66	3	10	<10	<5	83	<5	0.06	<5	<5	97.7	<1	4	47
E757016	K-10-0248	78.92	80.54	TQTZT	TQTZT	Non-Mineralized	N-AML	307	0.254	5	9	<10	<5	54	<5	0.1	<5	<5	126	<1	3	73
E757025	K-10-0248	92.2	94.24	TQTZT	TQTZT	Non-Mineralized	N-AML	350	0.28	<5	4			116	<20	0.15	<10	<10	40	<10		
E757026	K-10-0248	94.24	96.37	TQTZT	TQTZT	Non-Mineralized	N-AML	350	0.26	<5	3			116	<20	0.11	<10	<10	33	<10		
E757023	K-10-0248	90.08	92.2	TQTZT	TQTZT	Non-Mineralized	N-AML	450	0.44	<5	6			136	<20	0.19	<10	<10	55	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E757028	K-10-0248	97.28	98.64	TQTZT	TQTZT	Non-Mineralized	N-AML	580	0.41	<5	7			151	<20	0.23	<10	<10	67	<10		
E757027	K-10-0248	96.37	97.28	TQTZT	TQTZT	Non-Mineralized	N-AML	410	0.19	<5	6			109	<20	0.19	<10	<10	53	<10		
E757040	K-10-0248	110.79	111.86	TQTZT	TQTZT	Non-Mineralized	N-AML	340	0.47	6	5			39	<20	0.15	<10	<10	37	<10		
E757042	K-10-0248	113.29	114.62	TQTZT	TQTZT	Non-Mineralized	N-AML	1210	1.72	8	5	<10	30	46	<5	0.12	<5	<5	95.6	2	5	40
E757041	K-10-0248	111.86	113.29	TQTZT	TQTZT	Non-Mineralized	N-AML	500	2.33	4	4	<10	20	36	<5	0.1	<5	<5	67.1	1	3	26
E757059	K-10-0248	130.21	132.51	TQTZT	TQTZT	Non-Mineralized	N-AML	529	0.97	4	4	<10	10	31	<5	0.07	<5	<5	60.9	1	3	21
E757060	K-10-0248	132.51	133.2	TQTZT	TQTZT	Non-Mineralized	N-AML	177	0.483	3	1	<10	11	6	<5	0.03	<5	<5	14.4	<1	1	11
E773103	K-10-0249	7.62	8.74	TQTZT	TQTZT	Non-Mineralized	N-AML	310	0.02	<5	5			46	<20	0.17	<10	<10	45	<10		
E773102	K-10-0249	7.31	7.62	TQTZT	TQTZT	Non-Mineralized	N-AML	440	0.17	8	19			89	<20	0.21	<10	<10	153	<10		
E773104	K-10-0249	110.3	111.2	TQTZT	TQTZT	Non-Mineralized	N-AML	390	0.25	<5	3			42	<20	0.12	<10	<10	27	<10		
E773114	K-10-0249	119.92	120.68	TQTZT	TQTZT	Non-Mineralized	N-AML	120	0.58	<5	2			2	<20	0.06	<10	<10	6	<10		
E773112	K-10-0249	117.78	118.98	TQTZT	TQTZT	Non-Mineralized	N-AML	580	0.6	<5	6			75	<20	0.17	<10	<10	55	<10		
E773133	K-10-0249	139.22	141.22	TQTZT	TQTZT	Non-Mineralized	N-AML	420	0.42	6	4			25	<20	0.13	<10	<10	36	<10		
E773132	K-10-0249	138.49	139.22	TQTZT	TQTZT	Non-Mineralized	P-AML	670	0.37	26	8			75	<20	0.27	<10	<10	79	<10		
E773151	K-10-0250	120.93	122.07	TQTZT	TQTZT	Non-Mineralized	N-AML	930	0.61	12	8			72	<20	0.24	<10	<10	79	<10		
E773149	K-10-0250	119.96	120.93	TQTZT	TQTZT	Non-Mineralized	N-AML	290	0.35	7	4			29	<20	0.13	<10	<10	28	<10		
E773153	K-10-0250	123.07	123.98	TQTZT	TQTZT	Non-Mineralized	N-AML	180	0.25	8	2			8	<20	0.06	<10	<10	12	<10		
E773189	K-10-0250	144.35	144.64	TQTZT	TQTZT	Non-Mineralized	P-AML	1200	2.14	11	15			69	<20	0.32	10	<10	167	<10		
E773194	K-10-0250	148.98	150.1	TQTZT	TQTZT	Non-Mineralized	N-AML	330	0.4	<5	4			27	<20	0.14	<10	<10	45	<10		
E773196	K-10-0250	150.1	151.73	TQTZT	TQTZT	Non-Mineralized	N-AML	260	0.51	<5	2			8	<20	0.11	<10	<10	20	<10		
E773197	K-10-0250	151.73	152.91	TQTZT	TQTZT	Non-Mineralized	N-AML	370	0.22	<5	2			17	<20	0.09	<10	<10	28	<10		
E773198	K-10-0250	152.91	153.9199	TQTZT	TQTZT	Non-Mineralized	N-AML	540	1.37	6	6			42	<20	0.21	<10	<10	81	<10		
E757119	K-10-0253	23.76	25.67	TQTZT	TQTZT	Non-Mineralized	N-AML	668	0.18	2	5	<10	<5	95	<5	0.06	<5	<5	47.1	<1	4	25
E757121	K-10-0253	26.3	28.25	TQTZT	TQTZT	Non-Mineralized	N-AML	1020	0.119	8	9	<10	<5	154	6	0.14	<5	<5	108	<1	4	63
E757120	K-10-0253	25.67	26.3	TQTZT	TQTZT	Non-Mineralized	N-AML	1240	0.052	5	13	<10	<5	191	7	0.1	<5	<5	129	<1	6	54
E757122	K-10-0253	28.25	30.25	TQTZT	TQTZT	Non-Mineralized	N-AML	899	0.272	3	6	<10	<5	112	<5	0.08	<5	<5	54.7	<1	8	34
E757123	K-10-0253	30.25	32.38	TQTZT	TQTZT	Non-Mineralized	N-AML	575	0.171	1	4	<10	<5	95	<5	0.06	<5	<5	34.4	1	7	33
E757126	K-10-0253	35.12	36.38	TQTZT	TQTZT	Non-Mineralized	N-AML	441	0.088	1	4	<10	<5	91	<5	0.06	<5	<5	30.2	<1	5	27
E757127	K-10-0253	36.38	38.66	TQTZT	TQTZT	Non-Mineralized	N-AML	483	0.218	1	5	<10	<5	131	<5	0.05	<5	<5	41.4	<1	5	27
E757128	K-10-0253	38.66	40.68	TQTZT	TQTZT	Non-Mineralized	N-AML	378	0.147	<1	2	<10	<5	70	<5	0.04	<5	<5	18.4	<1	4	16
E757130	K-10-0253	40.68	42.82	TQTZT	TQTZT	Non-Mineralized	N-AML	258	0.256	<1	2	<10	<5	38	<5	0.02	<5	<5	15.3	<1	2	12
E757131	K-10-0253	42.82	44.9	TQTZT	TQTZT	Non-Mineralized	N-AML	372	0.17	1	3	<10	<5	85	<5	0.07	<5	<5	28.3	<1	6	20
E757137	K-10-0253	52.5	52.85	TQTZT	TQTZT	Non-Mineralized	N-AML	442	0.149	1	4	<10	<5	89	<5	0.1	<5	<5	41.6	<1	9	22
E757148	K-10-0253	69.25	69.72	TQTZT	TQTZT	Non-Mineralized	N-AML	459	0.247	<1	9	<10	<5	60	<5	0.08	<5	<5	95.8	<1	5	33
E757158	K-10-0253	80.73	83.64	TQTZT	TQTZT	Non-Mineralized	N-AML	998	0.24	2	11	<10	<5	128	6	0.14	<5	<5	105	<1	6	39
E757152	K-10-0253	73.29	74.98	TQTZT	TQTZT	Non-Mineralized	N-AML	1050	0.542	1	8	<10	<5	86	5	0.12	<5	<5	77.7	<1	6	42
E757155	K-10-0253	76.8	77.85	TQTZT	TQTZT	Non-Mineralized	N-AML	802	0.14	1	8	<10	<5	100	5	0.1	<5	<5	72.5	<1	4	33
E757157	K-10-0253	79.81	80.73	TQTZT	TQTZT	Non-Mineralized	N-AML	675	0.273	<1	5	<10	<5	73	<5	0.08	<5	<5	43.5	<1	4	34
E757196	K-10-0253	112.44	114.59	TQTZT	TQTZT	Non-Mineralized	N-AML	280	2.04	12.05	3.3	2	20.1	19	3.7	0.111	0.71	0.6	32	1.3	3.7	17.1
E757193	K-10-0253	107.87	108.51	TQTZT	TQTZT	Non-Mineralized	N-AML	110	0.18	1.94	0.5	1	4.9	2.3	1.7	0.071	0.14	0.4	5	0.5	1.6	12.4
E773617	K-10-0254	118.46	119.79	TQTZT	TQTZT	Non-Mineralized	N-AML	380	0.98	3.83	5.4	1	15.6	40.6	5.4	0.178	1.31	1.1	52	1.6	5	33.6
E773212	K-10-0256	84.22	85.11	TQTZT	TQTZT	Non-Mineralized	N-AML	310	0.22	<5	3			19	<20	0.12	<10	<10	28	<10		
E773211	K-10-0256	83.2	84.22	TQTZT	TQTZT	Non-Mineralized	N-AML	240	0.31	<5	2			11	<20	0.1	<10	<10	20	<10		
E773222	K-10-0256	93.46	96.37	TQTZT	TQTZT	Non-Mineralized	N-AML	371	0.272	32	4	<10	14	37	<5	0.05	<5	<5	54.1	1	2	17
E773239	K-10-0262	24.2	25.56	TQTZT	TQTZT	Non-Mineralized	N-AML	362	0.103	4	5	<10	6	94	<5	0.13	<5	<5	57.6	<1	4	31
E773238	K-10-0262	22.15	24.2	TQTZT	TQTZT	Non-Mineralized	N-AML	379	0.062	6	4	<10	12	37	<5	0.06	<5	<5	40.5	<1	5	17
E773242	K-10-0262	27.6	29.37	TQTZT	TQTZT	Non-Mineralized	N-AML	62	0.047	<1	<1	<10	<5	9	<5	0.03	<5	<5	10.5	<1	2	15
E773243	K-10-0262	29.37	31.09	TQTZT	TQTZT	Non-Mineralized	N-AML	409	0.082	1	5	<10	<5	95	<5	0.14	<5	<5	59.9	<1	4	22
E773244	K-10-0262	31.09	33.62	TQTZT	TQTZT	Non-Mineralized	N-AML	382	0.139	1	3	<10	<5	60	<5	0.09	<5	<5	35.8	<1	3	19
E773237	K-10-0262	19.51	22.15	TQTZT	TQTZT	Non-Mineralized	N-AML	598	0.068	8	9	<10	12	75	<5	0.24	<5	<5	91.3	2	11	17
E773249	K-10-0262	39.46	40.78	TQTZT	TQTZT	Non-Mineralized	N-AML	498	0.139	2	7	<10	<5	78	5	0.12	<5	<5	71.6	<1	4	36
E773248	K-10-0262	37.49	39.46	TQTZT	TQTZT	Non-Mineralized	N-AML	533	0.231	2	2	<10	<5	37	<5	0.03	<5	<5	21.1	<1	3	15
E773247	K-10-0262	35.43	37.49	TQTZT	TQTZT	Non-Mineralized	N-AML	613	0.059	1	5	<10	<5	55	<5	0.1	<5	<5	45.1	<1	3	22
E773260	K-10-0262	55.42	56.7	TQTZT	TQTZT	Non-Mineralized	N-AML	441	0.099	9	8	<10	20	78	6	0.08	<5	<5	71.6	1	4	35
E773259	K-10-0262	53.44	55.42	TQTZT	TQTZT	Non-Mineralized	N-AML	542	0.333	10	9	<10	16	94	7	0.1	<5	<5	90.9	1	4	41
E773258	K-10-0262	51.66	53.44	TQTZT	TQTZT	Non-Mineralized	N-AML	571	0.069	22	8	<10	9	91	7	0.1	<5	<5	78.7	1	4	41
E773256	K-10-0262	49.78	51.66	TQTZT	TQTZT	Non-Mineralized	N-AML	364	0.066	5	6	<10	8	55	<5	0.09	<5	<5	55.1	<1	3	27
E775019	K-10-0265	65.23	66.06	TQTZT	TQTZT	Non-Mineralized	N-AML	480	0.16	38	9			55	<20	0.19	<10	<10	96	<10		
E773850	K-10-0314	86.74	88.27	TQTZT	TQTZT	Non-Mineralized	N-AML	630	0.12	9.12	9.9	2	9.7	55.5	7.9	0.221	1.8	1.6	95	1.3	7.6	50.8
E773853	K-10-0314	90.49	91.49	TQTZT	TQTZT	Non-Mineralized	N-AML	560	0.08	24.4	8	1	15.6	54.7	6.5	0.221	1.67	1.6	82	1.5	6.3	46.5
E773852	K-10-0314	89.48	90.49	TQTZT	TQTZT	Non-Mineralized	N-AML	790	0.27	10.7	8.5	1	19.8	60.3	7.6	0.239	1.85	1.6	81	2	6	48.8
E773855	K-10-0314	92.22	92.96	TQTZT	TQTZT	Non-Mineralized	N-AML	190	0.02	38	1.9	1	19.4	4.2	2.2	0.07	0.41	0.8	25	2.7	2.5	20.9
E773857	K-10-0314	93.62	94.27	TQTZT	TQTZT	Non-Mineralized	N-AML	260	0.01	7.14	3.1	1	4	14.3	4.4	0.133	0.56	1	21	0.9	4	26.1
E756920	K-10-0244	90.51	91.21	FLT	FLT			420	0.22	9	5			28	<20	0.16	<10	<10	48	<10		
E773858	K-10-0314	94.27	94.57	TQTZT	TQTZT	Non-Mineralized	N-AML	240	0.01	4.18	2.6	1	2.9	13.5	3.8	0.127	0.43	0.9	20	0.9	3.6	21.5
E773859	K-10-0314	94.57	95.55	TQTZT	TQTZT	Non-Mineralized	N-AML	330	0.01	2.44	4.6	1	2.8	31.9	5.7	0.195	0.63	1.2	41	0.9	5	35.1
E773860	K-10-0314	95.55	96.39	TQTZT	TQTZT	Non-Mineralized	N-AML	520	0.02	4.16	6.9	1	6.7	43.2	6.4	0.201	0.9	1.4	62	2.1	5.5	38.6
E773915	K-10-0314	142.85	144.48	TQTZT	TQTZT	Non-Mineralized	P-AML	570	1.38	7	8			79	<20	0.3	<10	<10	100	<10		
E773916	K-10-0314	144.48	146.3	TQTZT	TQTZT	Non-Mineralized	P-AML	460	0.71	6	7			43	<20	0.28	<10	<10	90	<10		
E773923	K-10-0314	153.44	154.53	TQTZT	TQTZT	Non-Mineralized	N-AML	220	0.35	<5	2			15	<20	0.11	10	<10	24	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E773924	K-10-0314	154.53	155.63	TQTZT	TQTZT	Non-Mineralized	N-AML	290	0.42	<5	3			15	<20	0.14	<10	<10	28	880		
E004126	K-11-0331	61.37	62.64	TQTZT	TQTZT	Non-Mineralized	N-AML	340	0.13	<5	5			75	<20	0.17	<10	<10	49	<10		
E000073	K-11-0331	72.83	74.22	TQTZT	TQTZT	Non-Mineralized	N-AML	470	0.13	5	4			44	<20	0.14	<10	<10	44	<10		
E000071	K-11-0331	71.88	72.83	TQTZT	TQTZT	Non-Mineralized	N-AML	340	0.09	<5	3			25	<20	0.11	<10	<10	32	<10		
E000080	K-11-0331	79.33	80.38	TQTZT	TQTZT	Non-Mineralized	N-AML	560	0.11	<5	6			46	<20	0.17	<10	<10	66	<10		
E773788	K-10-0306	58.77	60.77	TQTZT	TQTZT	Non-Mineralized	N-AML	580	0.04	7.29	13.2	2	1.5	50.5	7.6	0.324	0.62	1.5	118	0.7	14	20
E773791	K-10-0306	62.77	64.77	TQTZT	TQTZT	Non-Mineralized	N-AML	510	0.23	4.32	2.6	2	2.8	71.9	2.6	0.064	0.17	0.8	23	0.3	6.8	17.9
E773792	K-10-0306	64.77	66.77	TQTZT	TQTZT	Non-Mineralized	N-AML	310	0.11	4.55	1.8	2	3.5	17.9	2.3	0.061	0.16	0.6	16	0.5	5.7	17.4
E773794	K-10-0306	66.77	67.51	TQTZT	TQTZT	Non-Mineralized	N-AML	580	0.31	3.47	9.6	2	1.9	104	6.1	0.28	0.45	1.2	92	0.3	8.5	32.4
E773790	K-10-0306	60.77	62.77	TQTZT	TQTZT	Non-Mineralized	N-AML	630	0.05	13.25	2.8	2	0.7	45.2	2.8	0.084	0.14	0.8	26	0.7	7.7	17.9
E773799	K-10-0306	70.44	72.44	TQTZT	TQTZT	Non-Mineralized	N-AML	200	0.03	1.71	4.2	2	2.4	35.2	4	0.152	0.35	0.8	35	0.5	4.2	24.9
E773811	K-10-0306	85.34	86.48	TQTZT	TQTZT	Non-Mineralized	N-AML	340	0.22	2.12	0.9	1	10.1	5.3	2	0.06	0.2	0.4	8	1.2	3.1	11.9
E756946	K-10-0245	94.17	94.9	FLT	FLT			340	0.64	16	5			37	<20	0.16	<10	<10	55	<10		
E773816	K-10-0306	90.26	91.92	TQTZT	TQTZT	Non-Mineralized	N-AML	640	2.46	6.28	8.8	1	30.4	46.5	7.5	0.202	1.46	1.4	82	3.5	5.7	42.1
E773815	K-10-0306	88.39	90.26	TQTZT	TQTZT	Non-Mineralized	N-AML	340	2.91	10.3	2.1	1	25.5	16.1	3.4	0.096	0.69	0.7	25	2.8	4.6	20.8
E773845	K-10-0306	114.43	116.4	TQTZT	TQTZT	Non-Mineralized	N-AML	270	0.21	5.24	2.2	1	4.7	6.5	2	0.078	0.2	0.7	22	1	4.6	19.9
E773849	K-10-0306	118.4	119.06	TQTZT	TQTZT	Non-Mineralized	N-AML	470	0.36	2.44	6.7	1	1.4	84.8	5.6	0.166	0.55	1.1	56	0.6	5.7	38.4
E782233	K-10-0308	77.69	78.64	TQTZT	TQTZT	Non-Mineralized	N-AML	100	0.11	1.35	1.3	1	3.7	7.9	1.9	0.068	0.2	0.5	9	0.5	3.1	12.1
E782257	K-10-0308	126.1	126.87	TQTZT	TQTZT	Non-Mineralized	N-AML	390	0.2	1.63	2.5	1	11.5	9.9	3.5	0.115	0.3	0.8	22	1.5	4.4	20.6
E774690	K-10-0309	124.97	126.33	TQTZT	TQTZT	Non-Mineralized	N-AML	330	0.16	4.58	1.9	1	3.4	8.5	2.2	0.092	0.29	0.8	21	1.5	5.4	11.8
E774687	K-10-0309	120.58	121.77	TQTZT	TQTZT	Non-Mineralized	N-AML	540	0.57	2.41	8.4	2	0.7	98.9	4.4	0.315	0.42	1.9	88	0.3	17.2	16.7
E774695	K-10-0309	130.55	131.77	TQTZT	TQTZT	Non-Mineralized	P-AML	830	1.45	3.44	14.6	3	2.2	87.7	9.1	0.32	1.1	3.6	159	1.5	11.4	75.4
E774696	K-10-0309	131.77	132.59	TQTZT	TQTZT	Non-Mineralized	N-AML	370	1.02	4.33	4.7	1	2.4	26.1	4	0.109	0.43	1.1	49	0.7	5.7	36.7
E774697	K-10-0309	132.59	133.74	TQTZT	TQTZT	Non-Mineralized	N-AML	430	0.9	7.71	8.5	1	7.7	45.3	6.6	0.138	0.84	2	87	0.8	5	56.1
E774704	K-10-0309	138.68	139.84	TQTZT	TQTZT	Non-Mineralized	N-AML	220	0.55	1.81	0.8	1	11.8	2.3	1.5	0.053	0.17	0.5	8	2.6	3.2	9.9
E774706	K-10-0309	141.73	143.26	TQTZT	TQTZT	Non-Mineralized	N-AML	290	0.38	1.91	2	2	4.4	18.6	2.7	0.082	0.31	0.7	18	0.6	4.2	18
E774767	K-10-0318	233.58	234.7	TQTZT	TQTZT	Non-Mineralized	N-AML	1630	0.64	6	3			18	<20	0.08	<10	<10	29	<10		
E774768	K-10-0318	234.7	235.75	TQTZT	TQTZT	Non-Mineralized	N-AML	330	0.26	<5	2			31	<20	0.09	<10	<10	26	<10		
E774912	K-10-0322	154.62	155.45	TQTZT	TQTZT	Non-Mineralized	N-AML	470	0.21	<5	3			25	<20	0.11	<10	<10	29	<10		
E774913	K-10-0322	155.45	156.62	TQTZT	TQTZT	Non-Mineralized	N-AML	770	0.29	<5	8			78	<20	0.23	<10	<10	76	<10		
E774921	K-10-0322	164.59	166.33	TQTZT	TQTZT	Non-Mineralized	N-AML	430	0.26	<5	7			135	<20	0.27	<10	<10	70	<10		
E774920	K-10-0322	162.51	164.59	TQTZT	TQTZT	Non-Mineralized	N-AML	210	0.11	<5	2			27	<20	0.11	<10	<10	18	<10		
E774926	K-10-0322	175.66	176.95	TQTZT	TQTZT	Non-Mineralized	N-AML	470	0.38	<5	4			166	<20	0.15	<10	<10	47	<10		
E774925	K-10-0322	174.38	175.66	TQTZT	TQTZT	Non-Mineralized	N-AML	530	0.16	<5	3			95	<20	0.1	<10	<10	27	<10		
E774924	K-10-0322	173.52	174.38	TQTZT	TQTZT	Non-Mineralized	N-AML	1660	0.28	<5	4			185	<20	0.13	<10	<10	38	<10		
E000101	K-11-0324	19.81	21.64	TQTZT	TQTZT	Non-Mineralized	N-AML	360	0.02	24	5			45	<20	0.12	<10	<10	45	<10		
E000100	K-11-0324	19.01	19.81	TQTZT	TQTZT	Non-Mineralized	N-AML	310	0.01	11	2			9	<20	0.06	<10	<10	23	10		
E000098	K-11-0324	17.41	18.29	TQTZT	TQTZT	Non-Mineralized	N-AML	430	0.01	10	3			14	<20	0.08	<10	<10	30	<10		
E000108	K-11-0324	26.96	28.29	TQTZT	TQTZT	Non-Mineralized	N-AML	760	0.07	5	4			43	<20	0.11	<10	<10	41	<10		
E000107	K-11-0324	25.87	26.96	TQTZT	TQTZT	Non-Mineralized	N-AML	830	0.05	6	6			49	<20	0.13	<10	<10	54	<10		
E000105	K-11-0324	24.08	25.87	TQTZT	TQTZT	Non-Mineralized	N-AML	310	0.08	30	3			22	<20	0.08	<10	<10	26	<10		
E000110	K-11-0324	29.99	32.25	TQTZT	TQTZT	Non-Mineralized	N-AML	450	0.02	6	5			76	<20	0.21	<10	<10	57	<10		
E000111	K-11-0324	32.25	34.65	TQTZT	TQTZT	Non-Mineralized	N-AML	370	0.02	<5	3			27	<20	0.08	<10	<10	26	<10		
E000117	K-11-0324	38.88	40.7	TQTZT	TQTZT	Non-Mineralized	N-AML	370	0.1	9	4			23	<20	0.17	<10	<10	54	10		
E000115	K-11-0324	37.74	38.88	TQTZT	TQTZT	Non-Mineralized	N-AML	380	0.22	59	2			20	<20	0.06	<10	<10	22	<10		
E000122	K-11-0324	44.25	45.63	TQTZT	TQTZT	Non-Mineralized	N-AML	230	0.05	40	2			10	<20	0.06	<10	<10	13	<10		
E000021	K-11-0325	58.46	60.53	TQTZT	TQTZT	Non-Mineralized	N-AML	490	0.05	8	8			24	<20	0.14	<10	<10	67	10		
E000041	K-11-0325	76.14	76.36	TQTZT	TQTZT	Non-Mineralized	N-AML	170	0.3	8	2			8	<20	0.06	<10	<10	18	<10		
E757051	K-10-0248	121.19	121.66	FLT	FLT			584	1.88	13	5	<10	41	25	<5	0.09	<5	<5	76.4	5	5	35
E004125	K-11-0326	113.86	115.91	TQTZT	TQTZT	Non-Mineralized	N-AML	280	0.23	<5	3			34	<20	0.11	<10	<10	28	<10		
E004124	K-11-0326	111.82	113.86	TQTZT	TQTZT	Non-Mineralized	N-AML	380	0.18	<5	2			19	<20	0.11	<10	<10	23	<10		
E004007	K-11-0327	94.54	96.5	TQTZT	TQTZT	Non-Mineralized	N-AML	570	0.67	<5	7			89	<20	0.2	<10	<10	70	<10		
E004006	K-11-0327	92.62	94.54	TQTZT	TQTZT	Non-Mineralized	N-AML	260	0.25	5	4			31	<20	0.14	<10	<10	36	<10		
E000010	K-11-0328	36.7	37.3	TQTZT	TQTZT	Non-Mineralized	N-AML	540	0.02	9	6			67	<20	0.18	<10	<10	63	<10		
E000096	K-11-0331	90.25	91.44	TQTZT	TQTZT	Non-Mineralized	N-AML	260	0.04	5	3			15	<20	0.11	<10	<10	34	<10		
E000095	K-11-0331	89.15	90.25	TQTZT	TQTZT	Non-Mineralized	N-AML	160	0.02	<5	2			8	<20	0.08	<10	<10	22	<10		
E004044	K-11-0332	64.01	64.36	TQTZT	TQTZT	Non-Mineralized	N-AML	440	1.83	65	4			17	<20	0.09	<10	<10	39	10		
E000153	K-11-0339	108.62	110.5	TQTZT	TQTZT	Non-Mineralized	N-AML	330	0.65	10	2			13	<20	0.08	<10	<10	19	<10		
E756749	K-10-0237	46.39	46.54	TQTZT	TQTZT	Mineralized	P-AML	440	0.14	<5	5			47	<20	0.17	<10	<10	45	<10		
E773277	K-10-0262	66.49	67.46	TQTZT	TQTZT	Mineralized	P-AML	320	9.65	47	14			3	<20	0.35	<10	10	163	30		
E773278	K-10-0262	67.46	68.27	TQTZT	TQTZT	Mineralized	P-AML	190	3.26	26	1			3	<20	0.06	<10	<10	16	<10		
E773285	K-10-0262	75.51	77.2	TQTZT	TQTZT	Mineralized	P-AML	450	1.67	11	3			19	<20	0.1	<10	<10	36	<10		
E773286	K-10-0262	77.2	78.85	TQTZT	TQTZT	Mineralized	P-AML	480	0.15	<5	4			49	<20	0.14	<10	<10	41	<10		
E773288	K-10-0262	78.85	80.61	TQTZT	TQTZT	Mineralized	P-AML	660	0.2	10	8			76	<20	0.24	<10	<10	77	<10		
E773289	K-10-0262	80.61	82.09	TQTZT	TQTZT	Mineralized	P-AML	400	0.15	5	3			23	<20	0.11	<10	<10	28	<10		
E773291	K-10-0262	83.8	84.93	TQTZT	TQTZT	Mineralized	P-AML	340	0.18	<5	3			51	<20	0.12	<10	<10	32	<10		
E773290	K-10-0262	82.09	83.8	TQTZT	TQTZT	Mineralized	P-AML	390	0.28	8	6			92	<20	0.2	<10	<10	59	<10		
E773295	K-10-0263	48.16	48.75	TQTZT	TQTZT	Mineralized	P-AML	260	1.64	59	3			15	<20	0.07	<10	<10	34	<10		
E773294	K-10-0263	47.24	48.16	TQTZT	TQTZT	Mineralized	P-AML	300	0.45	13	3			9	<20	0.06	<10	<10	27	<10		
E773293	K-10-0263	46.52	47.24	TQTZT	TQTZT	Mineralized	P-AML	520	0.03	51	11			43	<20	0.23	<10	<10	102	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E773299	K-10-0263	49.54	50.13	TQTZT	TQTZT	Mineralized	P-AML	100	3.83	73	2			4	<20	0.03	<10	10	10	<10		
E756900	K-10-0241	94.03	95.78	TQTZT	TQTZT	Mineralized	P-AML	670	0.25	11	10			68	<20	0.29	<10	<10	105	30		
E756911	K-10-0244	83.79	84.3	TQTZT	TQTZT	Mineralized	P-AML	240	0.35	12	3			19	<20	0.11	<10	<10	33	<10		
E756912	K-10-0244	84.3	85.5	TQTZT	TQTZT	Mineralized	P-AML	350	0.68	6	3			18	<20	0.1	<10	<10	27	<10		
E756914	K-10-0244	85.5	86.24	TQTZT	TQTZT	Mineralized	P-AML	260	2.73	13	3			10	<20	0.1	<10	<10	32	10		
E756915	K-10-0244	86.24	86.87	TQTZT	TQTZT	Mineralized	P-AML	300	1.22	12	1			9	<20	0.1	<10	<10	19	<10		
E756916	K-10-0244	86.87	88.09	TQTZT	TQTZT	Mineralized	P-AML	290	0.47	7	3			29	<20	0.15	<10	<10	41	<10		
E756919	K-10-0244	89.3	90.51	TQTZT	TQTZT	Mineralized	P-AML	200	0.33	14	3			9	<20	0.11	<10	<10	27	<10		
E756942	K-10-0245	88.7	91.04	TQTZT	TQTZT	Mineralized	P-AML	370	2.9	15	6			23	<20	0.15	<10	<10	62	<10		
E756940	K-10-0245	86.28	86.87	TQTZT	TQTZT	Mineralized	P-AML	380	1.05	7.9	5.4	2	28.6	46.5	7.2	0.187	1.85	1.5	66	1.6	4	33
E756941	K-10-0245	86.87	88.7	TQTZT	TQTZT	Mineralized	P-AML	500	1.29	7	4			28	<20	0.15	<10	<10	44	<10		
E756943	K-10-0245	91.04	92.78	TQTZT	TQTZT	Mineralized	P-AML	240	1.33	9	2			4	<20	0.04	<10	<10	13	<10		
E756947	K-10-0245	94.9	96.32	TQTZT	TQTZT	Mineralized	P-AML	150	1.54	33	2			8	<20	0.05	<10	<10	18	<10		
E756957	K-10-0245	104.15	105.46	TQTZT	TQTZT	Mineralized	P-AML	310	1.3	9	3			24	<20	0.11	<10	<10	33	<10		
E773036	K-10-0247	37.78	39.16	TQTZT	TQTZT	Mineralized	P-AML	567	0.058	3	6	<10	<5	75	<5	0.17	<5	<5	55.6	<1	9	21
E773068	K-10-0247	78.16	80.22	TQTZT	TQTZT	Mineralized	P-AML	366	0.165	2	2	<10	<5	28	<5	0.05	<5	<5	24.7	<1	3	18
E773072	K-10-0247	82.17	83.76	TQTZT	TQTZT	Mineralized	P-AML	333	0.146	2	3	<10	<5	58	<5	0.06	<5	<5	34.1	<1	5	19
E773070	K-10-0247	80.89	82.17	TQTZT	TQTZT	Mineralized	P-AML	228	0.128	2	1	<10	<5	37	<5	0.04	<5	<5	19.8	<1	3	10
E773073	K-10-0247	83.76	85.47	TQTZT	TQTZT	Mineralized	P-AML	152	0.131	2	1	<10	<5	21	<5	0.04	<5	<5	16.6	<1	2	12
E773078	K-10-0247	90.59	92.17	TQTZT	TQTZT	Mineralized	P-AML	730	0.485	4	9	<10	<5	154	6	0.1	<5	<5	113	<1	5	32
E773079	K-10-0247	92.17	92.75	TQTZT	TQTZT	Mineralized	P-AML	440	0.135	5	3	<10	10	38	<5	0.07	<5	<5	47.7	1	3	16
E773080	K-10-0247	92.75	93.75	TQTZT	TQTZT	Mineralized	P-AML	360	0.102	5	3	<10	7	52	<5	0.06	<5	<5	44.3	<1	3	17
E773098	K-10-0247	108.25	109.3	TQTZT	TQTZT	Mineralized	P-AML	410	0.34	6	7			76	<20	0.23	<10	<10	66	<10		
E773092	K-10-0247	101.29	102.2	TQTZT	TQTZT	Mineralized	P-AML	210	0.06	15	3			9	<20	0.1	<10	<10	23	<10		
E773097	K-10-0247	106.86	108.25	TQTZT	TQTZT	Mineralized	P-AML	400	0.19	7	4			29	<20	0.13	<10	<10	42	<10		
E757053	K-10-0248	123.47	125.6	TQTZT	TQTZT	Mineralized	P-AML	497	1	4	5	<10	7	34	<5	0.07	<5	<5	71.1	1	5	30
E773108	K-10-0249	113.63	114.95	TQTZT	TQTZT	Mineralized	P-AML	310	0.5	<5	3			25	<20	0.06	<10	<10	18	<10		
E773107	K-10-0249	112.31	113.63	TQTZT	TQTZT	Mineralized	P-AML	250	0.2	<5	2			43	<20	0.05	<10	<10	11	<10		
E773106	K-10-0249	111.2	112.31	TQTZT	TQTZT	Mineralized	P-AML	470	0.2	<5	2			30	<20	0.07	<10	<10	17	<10		
E773113	K-10-0249	118.98	119.92	TQTZT	TQTZT	Mineralized	P-AML	640	1.08	6	7			69	<20	0.18	<10	<10	60	<10		
E773142	K-10-0250	114.54	115.84	TQTZT	TQTZT	Mineralized	P-AML	240	0.43	<5	2			17	<20	0.06	<10	<10	15	<10		
E773152	K-10-0250	122.07	123.07	TQTZT	TQTZT	Mineralized	P-AML	160	0.27	<5	2			12	<20	0.04	<10	<10	9	<10		
E773182	K-10-0250	141.29	142.07	TQTZT	TQTZT	Mineralized	P-AML	630	1.34	7	12			61	<20	0.32	10	<10	108	<10		
E773181	K-10-0250	140.45	141.29	TQTZT	TQTZT	Mineralized	P-AML	480	1.18	26	4			13	<20	0.12	<10	<10	40	<10		
E773183	K-10-0250	142.07	143.1	TQTZT	TQTZT	Mineralized	P-AML	630	1.31	14	9			44	<20	0.27	<10	<10	94	<10		
E773184	K-10-0250	143.1	143.55	TQTZT	TQTZT	Mineralized	P-AML	310	3.03	10	3			9	<20	0.08	<10	<10	28	<10		
E773185	K-10-0250	143.55	144.04	TQTZT	TQTZT	Mineralized	P-AML	420	0.8	<5	1			5	<20	0.04	<10	<10	11	<10		
E773187	K-10-0250	144.04	144.35	TQTZT	TQTZT	Mineralized	P-AML	670	7.35	<5	8			32	<20	0.21	<10	<10	90	<10		
E773192	K-10-0250	146.18	147.32	TQTZT	TQTZT	Mineralized	P-AML	650	0.37	5	3			9	<20	0.06	<10	<10	25	<10		
E757071a	K-10-0251	69.21	70.47	TQTZT	TQTZT	Mineralized	P-AML	370	0.1	4.72	13.6	1	1.8	36.8	8.5	0.24	1.22	1.6	108	1.2	9.9	66.8
E757070a	K-10-0251	68.61	69.21	TQTZT	TQTZT	Mineralized	P-AML	370	0.02	1.76	6	3	1.7	15.7	4.8	0.169	0.68	1.4	60	0.8	8	31.4
E757153	K-10-0253	74.98	76.8	TQTZT	TQTZT	Mineralized	P-AML	551	0.214	1	5	<10	<5	64	<5	0.07	<5	<5	43.5	<1	3	24
E757079a	K-10-0251	74.98	76.42	FLT	FLT			260	0.28	120	4.8	3	153	28.2	5.2	0.15	1.16	2.6	52	3.3	4.7	32.5
E757078a	K-10-0251	73.89	74.98	FLT	FLT			100	0.23	39.9	1.5	3	82.9	6.4	2.9	0.077	0.37	1.3	14	1.5	2.8	17.6
E757159	K-10-0253	83.64	85.5	TQTZT	TQTZT	Mineralized	P-AML	603	0.237	1	5	<10	<5	80	<5	0.08	<5	<5	45.9	<1	4	19
E757160	K-10-0253	85.5	87.14	TQTZT	TQTZT	Mineralized	P-AML	670	0.16	2	5	<10	<5	52	<5	0.07	<5	<5	55.5	<1	3	20
E757161	K-10-0253	87.14	88.2	TQTZT	TQTZT	Mineralized	P-AML	130	0.06	<5	1			12	<20	0.04	<10	<10	16	<10		
E757156	K-10-0253	77.85	79.81	TQTZT	TQTZT	Mineralized	P-AML	412	0.15	<1	2	<10	<5	16	<5	0.04	<5	<5	14.2	<1	2	14
E757191	K-10-0253	106.08	107.87	TQTZT	TQTZT	Mineralized	P-AML	220	0.19	5.02	1.4	2	13.8	3.1	1.9	0.067	0.3	0.5	13	1.1	2.7	12.5
E757195	K-10-0253	110.73	112.44	TQTZT	TQTZT	Mineralized	P-AML	240	1.9	42	1.4	6	21.8	3.8	2	0.068	0.29	0.5	12	1.5	3.3	12.9
E757190	K-10-0253	105.05	106.08	TQTZT	TQTZT	Mineralized	P-AML	220	2.47	10.75	1.9	2	16.8	3	1.8	0.038	0.25	0.5	11	1.7	3.9	11.5
E757189	K-10-0253	104.41	105.05	TQTZT	TQTZT	Mineralized	P-AML	130	0.15	15.35	1.9	4	11.8	5.1	2.3	0.062	0.43	0.6	14	1.4	3.7	13.8
E757092a	K-10-0252	97	97.23	FLT	FLT			280	6.81	106.5	4.4	4	132	18.8	3.7	0.049	1.12	1.7	39	4.3	7.4	24.5
E757194	K-10-0253	108.51	110.73	TQTZT	TQTZT	Mineralized	P-AML	330	1.15	11.9	3.7	4	16.1	14.9	3.5	0.118	0.64	0.8	31	1.1	5.3	22.9
E773613	K-10-0254	112.92	114.29	TQTZT	TQTZT	Mineralized	P-AML	390	0.56	3.17	3.2	1	10.8	26.4	3.6	0.106	0.61	1	30	1.7	4.8	30.3
E757199	K-10-0254	121.21	122.1	TQTZT	TQTZT	Mineralized	P-AML	490	2.6	17.35	5.9	3	38.3	22.8	6.1	0.174	1.12	1.1	63	4.6	5.7	28.1
E757198	K-10-0254	120.6	121.21	TQTZT	TQTZT	Mineralized	P-AML	420	2.56	12.25	3.5	3	29.5	12.3	4	0.112	0.79	1.3	36	2.6	6.2	22
E757197	K-10-0254	119.79	120.6	TQTZT	TQTZT	Mineralized	P-AML	220	1.8	8.6	1.8	2	17.2	7.7	2.4	0.074	0.85	0.5	16	1.1	3.6	13.7
E757236	K-10-0254	133.74	134.1	TQTZT	TQTZT	Mineralized	P-AML	130	0.52	<5	1			4	<20	0.04	<10	<10	12	<10		
E757237	K-10-0254	134.1	134.4	TQTZT	TQTZT	Mineralized	P-AML	170	1.6	40	3			9	<20	0.05	<10	<10	28	<10		
E757238	K-10-0254	134.4	134.95	TQTZT	TQTZT	Mineralized	P-AML	380	1.65	<5	4			14	<20	0.13	<10	<10	43	30		
E757239	K-10-0254	134.95	135.85	TQTZT	TQTZT	Mineralized	P-AML	280	1.58	<5	3			10	<20	0.1	10	10	33	50		
E757240	K-10-0254	135.85	136.32	TQTZT	TQTZT	Mineralized	P-AML	370	1.26	<5	2			7	<20	0.08	<10	<10	28	70		
E757241	K-10-0254	136.32	137.07	TQTZT	TQTZT	Mineralized	P-AML	379	1.52	4	2	<10	18	12	<5	0.05	<5	<5	23	1	3	16
E773200	K-10-0255	86.28	89.6	TQTZT	TQTZT	Mineralized	P-AML	350	0.21	23	1			8	<20	0.05	<10	<10	13	<10		
E773208	K-10-0255	97.72	99.64	TQTZT	TQTZT	Mineralized	P-AML	740	0.15	32	7			83	<20	0.26	<10	<10	89	<10		
E773207	K-10-0255	95.71	97.72	TQTZT	TQTZT	Mineralized	P-AML	320	0.14	17	2			9	<20	0.1	<10	<10	29	<10		
E773209	K-10-0256	82.23	83.2	TQTZT	TQTZT	Mineralized	P-AML	390	0.51	8	3			28	<20	0.1	<10	<10	36	<10		
E773220	K-10-0256	91.27	92.56	TQTZT	TQTZT	Mineralized	P-AML	230	0.2	26	2			8	<20	0.06	<10	<10	22	<10		
E773221	K-10-0256	92.56	93.46	TQTZT	TQTZT	Mineralized	P-AML	465	0.146	14	2	<10	19	15	<5	0.03	<5	<5	22	1	3	15

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E757172	K-10-0253	95.6	96.74	FLT	FLT			730	0.89	24	8			36	<20	0.14	<10	<10	67	<10		
E757174	K-10-0253	96.74	98.3	FLT	FLT			350	0.84	26	4			12	<20	0.09	<10	<10	30	<10		
E773223	K-10-0256	96.37	97.25	TQTZT	TQTZT	Mineralized	P-AML	105	0.146	21	1	<10	9	4	<5	0.03	<5	<5	7.4	<1	1	10
E773224	K-10-0256	97.25	98.87	TQTZT	TQTZT	Mineralized	P-AML	139	0.311	22	2	<10	22	8	<5	0.02	<5	<5	11	<1	2	11
E773225	K-10-0256	98.87	102.44	TQTZT	TQTZT	Mineralized	P-AML	255	0.03	28	4	<10	37	9	<5	0.1	<5	<5	61.2	6	3	21
E773241	K-10-0262	25.56	27.6	TQTZT	TQTZT	Mineralized	P-AML	199	0.036	1	2	<10	<5	26	<5	0.06	<5	<5	27.9	<1	3	15
E773265	K-10-0262	59.94	60.51	TQTZT	TQTZT	Mineralized	P-AML	220	1.45	38	5			17	<20	0.07	<10	<10	35	<10		
E773263	K-10-0262	58.3	59.2	TQTZT	TQTZT	Mineralized	P-AML	230	0.55	56	4			11	<20	0.08	<10	<10	34	<10		
E773264	K-10-0262	59.2	59.94	TQTZT	TQTZT	Mineralized	P-AML	370	1.85	48	5			21	<20	0.11	<10	<10	54	<10		
E773274	K-10-0262	65.39	65.92	TQTZT	TQTZT	Mineralized	P-AML	180	0.83	35	2			3	<20	0.07	<10	10	26	30		
E773273	K-10-0262	64.6	65.39	TQTZT	TQTZT	Mineralized	P-AML	160	1.74	90	3			15	<20	0.05	<10	10	20	30		
E773272	K-10-0262	63.28	64.6	TQTZT	TQTZT	Mineralized	P-AML	80	0.75	105	2			3	<20	0.03	<10	10	10	<10		
E775021	K-10-0265	66.93	67.67	TQTZT	TQTZT	Mineralized	P-AML	90	9.4	552	2			12	<20	0.04	<10	<10	15	30		
E775020	K-10-0265	66.06	66.93	TQTZT	TQTZT	Mineralized	P-AML	560	0.24	105	11			72	<20	0.17	<10	<10	92	<10		
E775018	K-10-0265	64.21	65.23	TQTZT	TQTZT	Mineralized	P-AML	410	0.07	34	7			39	<20	0.13	<10	<10	64	<10		
E775017	K-10-0265	63.91	64.21	TQTZT	TQTZT	Mineralized	P-AML	210	1.31	566	4			20	<20	0.06	<10	<10	26	<10		
E775016	K-10-0265	63.45	63.91	TQTZT	TQTZT	Mineralized	P-AML	100	0.79	119	4			16	<20	0.05	<10	<10	22	<10		
E775022	K-10-0265	67.67	68.98	TQTZT	TQTZT	Mineralized	P-AML	210	4.23	101	4			22	<20	0.12	<10	<10	35	10		
E773851	K-10-0314	88.27	89.48	TQTZT	TQTZT	Mineralized	P-AML	750	0.43	167.5	6.4	2	74.8	22.3	4.7	0.118	1.12	2	60	6.5	4.7	31.7
E773856	K-10-0314	92.96	93.62	TQTZT	TQTZT	Mineralized	P-AML	700	0.17	310	6.4	1	64.4	25.4	6	0.148	1.37	1.7	64	3.5	5	38.6
E000082	K-11-0331	81.34	82.3	TQTZT	TQTZT	Mineralized	P-AML	250	1.82	17	2			10	<20	0.05	<10	<10	22	10		
E000081	K-11-0331	80.38	81.34	TQTZT	TQTZT	Mineralized	P-AML	660	0.81	<5	8			42	<20	0.18	<10	<10	81	<10		
E773800	K-10-0306	72.44	74.3	TQTZT	TQTZT	Mineralized	P-AML	230	0.21	2.43	3.4	2	7.5	35	3.6	0.126	0.54	0.8	31	0.9	5.5	24.6
E773801	K-10-0306	74.3	75.9	TQTZT	TQTZT	Mineralized	P-AML	650	0.16	4.6	9.8	2	3.1	167.5	9.7	0.3	0.99	1.7	105	1.2	8.2	56.3
E773802	K-10-0306	75.9	76.9	TQTZT	TQTZT	Mineralized	P-AML	510	0.12	1.98	3.1	1	1.6	25.4	3.6	0.095	0.19	0.9	28	1	4.6	20.7
E773826	K-10-0306	98.21	98.97	TQTZT	TQTZT	Mineralized	P-AML	280	0.69	27.7	5.1	3	49.9	9.8	3.5	0.112	1.13	1.7	57	4	4.9	32.9
E773847	K-10-0306	116.4	118.4	TQTZT	TQTZT	Mineralized	P-AML	530	0.41	4.34	8.1	1	8.8	62.5	6.6	0.215	0.97	1.4	72	1.8	6.6	47.5
E782258	K-10-0308	126.87	127.94	TQTZT	TQTZT	Mineralized	P-AML	470	0.61	2.32	3.5	1	16	14.1	4.4	0.119	0.38	0.9	33	3.8	5.1	25.2
E782256	K-10-0308	124.56	126.1	TQTZT	TQTZT	Mineralized	P-AML	640	0.9	4.59	6.1	2	28.2	20.9	5.9	0.187	0.9	1.3	60	2.9	6.6	34.8
E774689	K-10-0309	123.57	124.97	TQTZT	TQTZT	Mineralized	P-AML	520	0.12	7.38	4.1	2	4.3	28.2	4.3	0.169	0.46	2.2	46	1	10.7	35.4
E774688	K-10-0309	121.77	123.57	TQTZT	TQTZT	Mineralized	P-AML	530	0.13	3.31	4.3	1	0.8	87.9	3.8	0.177	0.4	1.8	48	0.4	12.6	25.7
E774691	K-10-0309	126.33	127.62	TQTZT	TQTZT	Mineralized	P-AML	270	0.71	4.41	3	1	6.5	14	3	0.093	0.49	0.9	33	1.6	4.4	20.5
E774703	K-10-0309	137.19	138.68	TQTZT	TQTZT	Mineralized	P-AML	660	1.04	3.75	4.9	4	4.8	56.8	5.1	0.172	0.43	2.1	48	0.9	14	34.1
E774705	K-10-0309	139.84	141.73	TQTZT	TQTZT	Mineralized	P-AML	280	0.48	3.54	1.8	2	5.7	12.2	2.7	0.089	0.25	0.8	16	1.4	4.9	19.6
E000099	K-11-0324	18.29	19.01	TQTZT	TQTZT	Mineralized	P-AML	510	0.15	83	9			25	<20	0.05	<10	<10	53	<10		
E000042	K-11-0325	76.36	76.51	TQTZT	TQTZT	Mineralized	P-AML	80	10	20	1			6	<20	0.03	<10	<10	17	<10		
E000043	K-11-0325	76.51	78	TQTZT	TQTZT	Mineralized	P-AML	200	0.7	26	4			16	<20	0.12	<10	<10	41	<10		
E004002	K-11-0327	90.53	91.44	TQTZT	TQTZT	Mineralized	P-AML	550	1.17	5	7			75	<20	0.2	<10	<10	71	10		
E004073	K-11-0329	69.22	70.6	TQTZT	TQTZT	Mineralized	P-AML	470	0.25	7	5			55	<20	0.17	<10	<10	53	<10		
E004082	K-11-0329	73.93	74.95	TQTZT	TQTZT	Mineralized	P-AML	400	0.09	25	9			9	<20	0.29	<10	<10	94	10		
E004086	K-11-0329	78.35	79.33	TQTZT	TQTZT	Mineralized	P-AML	500	0.2	10	5			20	<20	0.2	<10	<10	60	<10		
E004089	K-11-0329	80.62	82.2	TQTZT	TQTZT	Mineralized	P-AML	410	0.21	6	7			25	<20	0.23	<10	<10	79	<10		
E000092	K-11-0331	86.59	87.56	TQTZT	TQTZT	Mineralized	P-AML	290	0.02	42	3			12	<20	0.1	<10	<10	22	10		
E000093	K-11-0331	87.56	89.15	TQTZT	TQTZT	Mineralized	P-AML	350	0.03	5	3			12	<20	0.1	<10	<10	30	10		
E004043	K-11-0332	61.84	64.01	TQTZT	TQTZT	Mineralized	P-AML	210	2.6	93	3			9	<20	0.06	10	<10	25	20		
E004055	K-11-0332	71.62	72.8	TQTZT	TQTZT	Mineralized	P-AML	210	3.45	32	6			13	<20	0.08	<10	<10	51	<10		
E004060	K-11-0332	74.52	75.42	TQTZT	TQTZT	Mineralized	P-AML	240	1.1	6	2			7	<20	0.08	<10	<10	21	<10		
E004061	K-11-0332	75.42	77.11	TQTZT	TQTZT	Mineralized	P-AML	340	0.47	<5	2			12	<20	0.08	<10	<10	19	<10		
E000053	K-11-0334	59.41	60.96	TQTZT	TQTZT	Mineralized	P-AML	230	0.08	169	3			9	<20	0.04	<10	<10	22	10		
E000054	K-11-0334	60.96	64.01	TQTZT	TQTZT	Mineralized	P-AML	330	0.09	64	4			21	<20	0.09	<10	<10	40	<10		
E000055	K-11-0334	64.01	65.39	TQTZT	TQTZT	Mineralized	P-AML	140	0.04	32	2			13	<20	0.07	<10	<10	19	<10		
E000124	K-11-0339	81.45	81.91	TQTZT	TQTZT	Mineralized	P-AML	350	0.32	13	15			18	<20	0.17	<10	<10	136	<10		
E000141	K-11-0339	100.58	101.94	TQTZT	TQTZT	Mineralized	P-AML	290	3.38	36	9			13	<20	0.12	<10	<10	68	20		
E000149	K-11-0339	105.43	106.35	TQTZT	TQTZT	Mineralized	P-AML	30	0.48	16	4			4	<20	0.03	<10	<10	26	10		
E000147	K-11-0339	104.92	105.43	TQTZT	TQTZT	Mineralized	P-AML	40	0.83	29	5			3	<20	0.02	<10	<10	23	10		
E000145	K-11-0339	102.47	102.94	TQTZT	TQTZT	Mineralized	P-AML	320	3.66	28	10			25	<20	0.17	<10	<10	100	20		
E000146	K-11-0339	102.94	104.92	TQTZT	TQTZT	Mineralized	P-AML	190	2	26	4			10	<20	0.06	<10	<10	41	20		
E000151	K-11-0339	106.68	108.2	TQTZT	TQTZT	Mineralized	P-AML	110	1.55	23	3			13	<20	0.07	<10	<10	24	<10		
E000156	K-11-0339	111.78	113.36	TQTZT	TQTZT	Mineralized	P-AML	390	1.17	25	5			34	<20	0.13	<10	<10	48	10		
E000155	K-11-0339	110.5	111.78	TQTZT	TQTZT	Mineralized	P-AML	570	1.07	8	4			39	<20	0.13	<10	<10	42	10		
E601771	K-07-0118	75.42	76.11	VN	VN	Mineralized	P-AML	610	0.07	30	33			164	<20	0.89	<10	<10	309	<10		
E776910	K-07-0121	143.56	144.6	VN	VN	Mineralized	P-AML	<10	10	60	1			1	<20	<0.01	<10	<10	<1	20		
E599886	K-07-0072	179.98	180.45	VN	VN	Mineralized	P-AML	10	10	61	<1			1	<20	0.01	10	<10	2	<10		
E751598	K-07-0069	162.2	162.7	VN	VN	Mineralized	P-AML	<10	10	155	<1			1	<20	0.01	10	10	3	<10		
E599888	K-07-0072	181.6	182.7	VN	VN	Mineralized	P-AML	370	9.31	30	4			11	<20	0.08	<10	<10	39	<10		
E751601	K-07-0069	163.7	164.2	VN	VN	Mineralized	P-AML	60	10	100	1			1	<20	0.02	<10	<10	8	20		
E601824	K-07-0118	151.18	151.33	VN	VN	Mineralized	P-AML	130	4.36	71	2			9	<20	0.05	<10	<10	24	30		
E600032	K-07-0074	162.55	163.18	VN	VN	Mineralized	P-AML	20	10	302	<1			2	<20	<0.01	<10	<10	<1	10		
E751607	K-07-0069	166.2	166.7	VN	VN	Mineralized	P-AML	40	9.78	167	<1			2	<20	<0.01	<10	<10	<1	20		
E600030	K-07-0074	161.92	162.55	VN	VN	Mineralized	P-AML	10	8.02	69	3			3	<20	<0.01	10	<10	4	40		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E599889	K-07-0072	182.7	183.95	VN	VN	Mineralized	P-AML	70	5.19	29	3			5	<20	0.03	10	<10	14	<10		
E600026	K-07-0074	158.85	159.15	VN	VN	Mineralized	P-AML	30	2.55	14	2			<1	<20	<0.01	10	10	4	<10		
E776915	K-07-0121	146.97	147.32	VN	VN	Mineralized	P-AML	360	3.15	9	3			11	<20	0.12	<10	<10	37	<10		
E774760	K-10-0318	176.04	177.75	SM	VN	Non-Mineralized	N-AML	350	0.25	<5	3			18	<20	0.13	<10	<10	29	20		
E756758	K-10-0239	14.33	15.13	VM	VN	Non-Mineralized	N-AML	170	0.03	94	2			9	<20	0.08	<10	<10	20	<10		
E756759	K-10-0239	15.13	16.3	VM	VN	Non-Mineralized	N-AML	590	0.08	25	9			80	<20	0.2	<10	<10	81	<10		
E756735	K-10-0237	28.5	29.57	VM	VN	Non-Mineralized	N-AML	150	0.05	32	1			3	<20	0.06	<10	<10	8	<10		
E773261	K-10-0262	56.7	58.3	FLT	FLT			500	0.39	69	10			68	<20	0.22	<10	<10	92	20		
E756888	K-10-0241	87.58	88.08	VM	VN	Non-Mineralized	N-AML	1150	0.09	8	3			29	<20	0.09	<10	<10	34	<10		
E756890	K-10-0241	89	89.92	VM	VN	Non-Mineralized	N-AML	660	0.06	15	9			63	<20	0.17	<10	<10	86	<10		
E756895	K-10-0241	90.99	92.15	VM	VN	Non-Mineralized	N-AML	140	0.08	25	1			3	<20	0.05	<10	<10	10	<10		
E774765	K-10-0318	232.6	233.58	VM	VN	Non-Mineralized	N-AML	40	0.04	5	6			8	<20	0.01	<10	<10	10	<10		
E756770	K-10-0239	22.65	23.47	VM	VN	Mineralized	P-AML	260	0.46	90	11			1	<20	0.22	<10	<10	117	10		
E756767	K-10-0239	21.42	21.73	VM	VN	Mineralized	P-AML	10	1.02	52	1			2	<20	<0.01	<10	<10	2	60		
E756775	K-10-0239	25.37	26.2	VM	VN	Mineralized	P-AML	50	1.18	29	1			2	<20	0.02	<10	<10	9	20		
E756774	K-10-0239	24.79	25.37	VM	VN	Mineralized	P-AML	40	3.53	336	3			2	<20	0.01	<10	<10	7	30		
E756773	K-10-0239	23.91	24.79	VM	VN	Mineralized	P-AML	130	0.32	64	5			1	<20	0.02	<10	<10	17	<10		
E756771	K-10-0239	23.47	23.91	VM	VN	Mineralized	P-AML	100	0.2	153	7			2	<20	0.04	<10	<10	34	<10		
E756768	K-10-0239	21.73	22.65	VM	VN	Mineralized	P-AML	190	2.18	69	10			1	<20	0.18	<10	<10	109	20		
E756766	K-10-0239	21.12	21.42	VM	VN	Mineralized	P-AML	10	2.31	145	2			2	<20	<0.01	<10	<10	5	50		
E756757	K-10-0239	11.83	14.33	VM	VN	Mineralized	P-AML	230	0.82	59	10			37	<20	0.06	<10	<10	51	<10		
E756760	K-10-0239	16.3	17.37	VM	VN	Mineralized	P-AML	180	2.97	107	13			28	<20	0.03	<10	<10	22	<10		
E756761	K-10-0239	17.37	18.9	VM	VN	Mineralized	P-AML	410	3.91	58	9			41	<20	0.11	<10	<10	68	20		
E756762	K-10-0239	18.9	19.77	VM	VN	Mineralized	P-AML	600	0.34	49	13			35	<20	0.07	<10	<10	64	<10		
E756763	K-10-0239	19.77	20.15	VM	VN	Mineralized	P-AML	130	0.55	74	7			18	<20	0.04	<10	<10	22	30		
E756764	K-10-0239	20.15	20.9	VM	VN	Mineralized	P-AML	580	0.16	52	10			43	<20	0.13	<10	<10	85	<10		
E756765	K-10-0239	20.9	21.12	VM	VN	Mineralized	P-AML	40	10	374	<1			1	<20	0.01	<10	<10	4	30		
E756806	K-10-0240	23.47	24.99	VM	VN	Mineralized	P-AML	80	1.54	102	5			12	<20	0.06	<10	10	23	<10		
E756805	K-10-0240	22	23.47	VM	VN	Mineralized	P-AML	1410	0.17	18	11			69	<20	0.17	10	<10	107	<10		
E756807	K-10-0240	24.99	25.86	VM	VN	Mineralized	P-AML	150	10	386	2			11	<20	0.04	<10	<10	19	40		
E756808	K-10-0240	25.86	26.52	VM	VN	Mineralized	P-AML	10	8.21	262	2			4	<20	<0.01	<10	10	5	30		
E756809	K-10-0240	26.52	28.04	VM	VN	Mineralized	P-AML	<10	10	104	<1			2	<20	<0.01	<10	10	3	20		
E756810	K-10-0240	28.04	28.51	VM	VN	Mineralized	P-AML	<10	6.95	773	2			4	<20	<0.01	<10	10	4	50		
E756811	K-10-0240	28.51	29.57	VM	VN	Mineralized	P-AML	90	5.6	92	4			20	<20	0.08	<10	<10	35	20		
E756812	K-10-0240	29.57	30.23	VM	VN	Mineralized	P-AML	10	8.36	55	2			3	<20	0.01	<10	10	8	20		
E756814	K-10-0240	31.59	32.09	VM	VN	Mineralized	P-AML	30	6.16	28	3			8	<20	0.03	<10	10	20	10		
E756813	K-10-0240	30.23	31.59	VM	VN	Mineralized	P-AML	200	3.55	81	5			25	<20	0.07	<10	<10	46	<10		
E756820	K-10-0240	35.66	36.37	VM	VN	Mineralized	P-AML	10	5.34	83	2			2	<20	<0.01	<10	10	5	10		
E756822	K-10-0240	37.19	37.71	VM	VN	Mineralized	P-AML	119	1.97	83	3	<10	95	6	<5	0.03	<5	<5	34.8	2	11	13
E756821	K-10-0240	36.37	37.19	VM	VN	Mineralized	P-AML	272	0.054	6	4	<10	39	13	<5	0.03	<5	<5	48.6	<1	13	20
E756819	K-10-0240	34.88	35.66	VM	VN	Mineralized	P-AML	110	0.19	14	4			7	<20	0.03	<10	10	18	<10		
E756734	K-10-0237	28.25	28.5	VM	VN	Mineralized	P-AML	150	0.7	400	3			6	<20	0.02	<10	<10	9	<10		
E773276	K-10-0262	65.92	66.49	VM	VN	Mineralized	P-AML	50	10	1510	1			2	<20	0.03	<10	10	9	100		
E773298	K-10-0263	49.14	49.54	VM	VN	Mineralized	P-AML	20	10	348	<1			2	<20	0.01	<10	<10	2	<10		
E773297	K-10-0263	48.75	49.14	VM	VN	Mineralized	P-AML	40	10	1300	<1			3	<20	0.02	10	<10	5	70		
E756892	K-10-0241	90.06	90.63	VM	VN	Mineralized	P-AML	200	10	395	<1			4	<20	0.03	<10	<10	8	30		
E756889	K-10-0241	88.08	89	VM	VN	Mineralized	P-AML	900	0.04	9	3			21	<20	0.05	<10	<10	25	<10		
E756891	K-10-0241	89.92	90.06	VM	VN	Mineralized	P-AML	300	0.03	43	1			2	<20	0.06	<10	<10	13	<10		
E756893	K-10-0241	90.63	90.99	VM	VN	Mineralized	P-AML	120	6.68	373	1			2	<20	0.01	<10	10	5	40		
E756909	K-10-0244	82.74	83.79	VM	VN	Mineralized	P-AML	140	8.46	48	5			12	<20	0.08	<10	<10	59	10		
E756927	K-10-0244	97.31	97.73	VM	VN	Mineralized	P-AML	70	10	61.3	3.8	7	67.7	3.3	0.7	0.013	0.17	0.3	7	1	3.8	7
E756928	K-10-0244	97.73	98.32	VM	VN	Mineralized	P-AML	440	4.66	173	7.5	11	266	29.4	6.7	0.162	0.64	2.4	67	3.9	8.2	34.9
E756930	K-10-0244	98.32	99.06	VM	VN	Mineralized	P-AML	40	4.03	146.5	2	10	128	3.5	0.7	0.018	0.18	0.2	10	0.5	8.9	5.2
E756931	K-10-0244	99.06	99.83	VM	VN	Mineralized	P-AML	10	3.64	141.5	0.9	5	153	1.2	0.2	0.006	0.13	0.2	2	0.4	12.8	2
E756933	K-10-0244	100.24	101.21	VM	VN	Mineralized	P-AML	160	7.75	49.5	2.2	10	161.5	3.6	2.2	0.042	0.15	0.5	18	1.5	7.8	13.3
E756932	K-10-0244	99.83	100.24	VM	VN	Mineralized	P-AML	30	10	466	1	21	232	2.6	0.6	0.013	0.3	0.3	5	0.6	4.7	3.6
e756938	K-10-0245	85.18	85.83	VM	VN	Mineralized	P-AML	280	9.17	184	5.2	21	430	20.9	4.7	0.119	1.13	1.9	62	3	6.1	38
E756939	K-10-0245	85.83	86.28	VM	VN	Mineralized	P-AML	160	10	281	2.1	18	500	11.9	2.5	0.053	0.69	1	21	0.9	5.3	18.5
E756954	K-10-0245	102	103.12	VM	VN	Mineralized	P-AML	180	3.21	7	2			13	<20	0.08	<10	<10	26	<10		
E756953	K-10-0245	101.08	102	VM	VN	Mineralized	P-AML	340	1.56	7	4			25	<20	0.11	<10	<10	39	<10		
E756952	K-10-0245	100.3	101.08	VM	VN	Mineralized	P-AML	350	2.73	12	5			25	<20	0.11	<10	<10	55	<10		
E773889	K-10-0314	115.82	116.99	FLT	FLT			200	0.58	8	3			15	<20	0.07	<10	<10	21	<10		
E756949	K-10-0245	97.95	99.22	VM	VN	Mineralized	P-AML	530	0.47	10	5			15	<20	0.14	<10	<10	56	<10		
E004064	K-11-0330	80.77	81.12	FLT	FLT			430	3.8	14	5			17	<20	0.16	<10	<10	55	20		
E004063	K-11-0330	78.7	80.32	FLT	FLT			350	4.36	34	13			22	<20	0.33	<10	<10	117	20		
E756950	K-10-0245	99.22	100.3	VM	VN	Mineralized	P-AML	200	5.19	134	3			12	<20	0.06	<10	<10	27	<10		
E773084	K-10-0247	95.71	96.51	VM	VN	Mineralized	P-AML	130	6.73	102	2			9	<20	0.04	<10	<10	15	10		
E773085	K-10-0247	96.51	97.55	VM	VN	Mineralized	P-AML	140	9.73	111	1			7	<20	0.06	<10	<10	14	<10		
E773086	K-10-0247	97.55	98.58	VM	VN	Mineralized	P-AML	90	5.18	89	2			7	<20	0.04	<10	<10	14	<10		
E773087	K-10-0247	98.58	99.16	VM	VN	Mineralized	P-AML	110	3.32	82	1			7	<20	0.02	<10	<10	9	<10		

Onek ICP Metals Data

SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E773088	K-10-0247	99.16	99.76	VM	VN	Mineralized	P-AML	160	10	459	<1			12	<20	<0.01	<10	<10	5	20		
E773089	K-10-0247	99.76	100.56	VM	VN	Mineralized	P-AML	180	0.52	111	5			45	<20	0.04	<10	<10	31	<10		
E773083	K-10-0247	94.84	95.71	VM	VN	Mineralized	P-AML	230	0.29	63	4			21	<20	0.1	<10	<10	40	<10		
E773091	K-10-0247	100.56	101.29	VM	VN	Mineralized	P-AML	400	0.52	93	7			11	<20	0.18	<10	<10	86	<10		
E773082	K-10-0247	93.75	94.84	VM	VN	Mineralized	P-AML	190	0.02	30	3			18	<20	0.13	<10	<10	35	<10		
E757030	K-10-0248	99.4	100.1	VM	VN	Mineralized	P-AML	310	0.6	15	3			13	<20	0.09	<10	<10	29	<10		
E757029	K-10-0248	98.64	99.4	VM	VN	Mineralized	P-AML	190	4.43	327	3			19	<20	0.07	<10	<10	23	10		
E773121	K-10-0249	128.51	129.54	VM	VN	Mineralized	P-AML	10	10	143	2			<1	<20	<0.01	<10	10	1	10		
E773120	K-10-0249	127.44	128.51	VM	VN	Mineralized	P-AML	10	10	101	4			1	<20	<0.01	<10	10	3	<10		
E773118	K-10-0249	125.41	126.49	VM	VN	Mineralized	P-AML	30	10	115	3			3	<20	0.01	<10	<10	8	<10		
E773117	K-10-0249	124.46	125.41	VM	VN	Mineralized	P-AML	10	10	94	3			1	<20	<0.01	<10	<10	1	<10		
E773116	K-10-0249	123.28	124.46	VM	VN	Mineralized	P-AML	90	9.15	124	3			1	<20	0.02	<10	<10	7	10		
E773115	K-10-0249	120.68	123.28	VM	VN	Mineralized	P-AML	310	1.04	13	4			20	<20	0.11	<10	<10	29	<10		
E773119	K-10-0249	126.49	127.44	VM	VN	Mineralized	P-AML	40	10	147	4			3	<20	0.01	<10	<10	8	<10		
E773818	K-10-0306	92.02	92.75	FLT	FLT			390	0.22	12.65	7.7	1	57	18.1	5.5	0.096	0.46	1	56	4.2	5.9	27.6
E773122	K-10-0249	129.54	130.6	VM	VN	Mineralized	P-AML	40	8.58	149	3			2	<20	<0.01	<10	<10	3	10		
E773123	K-10-0249	130.6	131.55	VM	VN	Mineralized	P-AML	<10	10	339	<1			<1	<20	<0.01	<10	<10	<1	<10		
E773124	K-10-0249	131.55	132.44	VM	VN	Mineralized	P-AML	<10	1.59	41	3			1	<20	<0.01	<10	10	1	10		
E773125	K-10-0249	132.44	133.24	VM	VN	Mineralized	P-AML	<10	1.44	19	3			3	<20	0.01	<10	10	4	<10		
E773161a	K-10-0250	128.84	129.5	VM	VN	Mineralized	P-AML	<10	3.16	259	5.2	13	100.5	0.7	<0.2	<0.005	0.23	0.4	4	0.2	14.3	1.9
E773160	K-10-0250	128.28	128.84	VM	VN	Mineralized	P-AML	<10	0.54	29	4			<1	<20	<0.01	<10	20	5	<10		
E773159	K-10-0250	127.84	128.28	VM	VN	Mineralized	P-AML	<10	8.11	1430	2			<1	<20	<0.01	<10	10	2	90		
E773158	K-10-0250	127.34	127.84	VM	VN	Mineralized	P-AML	70	5.63	375	2			2	<20	0.02	<10	10	8	30		
E773157	K-10-0250	126.9	127.34	VM	VN	Mineralized	P-AML	320	1.34	19	4			17	<20	0.1	<10	<10	39	<10		
E773162a	K-10-0250	129.5	132.04	VM	VN	Mineralized	P-AML	<10	10	34.5	1.3	44	147.5	0.5	<0.2	<0.005	0.08	0.2	<1	0.1	3.6	0.6
E773164a	K-10-0250	132.04	132.59	VM	VN	Mineralized	P-AML	10	2.6	264	1.7	9	82.9	0.8	<0.2	<0.005	0.19	0.6	1	0.3	13.4	2.2
E773165a	K-10-0250	132.59	133.5	VM	VN	Mineralized	P-AML	20	5.07	320	2	13	160.5	2.5	0.6	0.016	0.24	0.3	5	1	13.3	4.3
E773171a	K-10-0250	135.82	136.2	VM	VN	Mineralized	P-AML	10	10	57.6	1.8	23	435	0.5	0.2	<0.005	0.05	0.2	1	0.4	6.9	1.4
E773170a	K-10-0250	135.4	135.82	VM	VN	Mineralized	P-AML	20	10	57.2	0.3	38	90.1	3.9	<0.2	<0.005	0.1	0.7	<1	0.1	4.2	<0.5
E773169a	K-10-0250	134.52	135.4	VM	VN	Mineralized	P-AML	10	10	161.5	0.6	33	138	1.6	<0.2	<0.005	0.07	0.4	<1	0.2	3.6	0.5
E773166a	K-10-0250	133.5	134.09	VM	VN	Mineralized	P-AML	<10	10	138	0.5	41	278	0.2	<0.2	<0.005	0.08	0.1	<1	0.1	2.7	<0.5
E773168a	K-10-0250	134.09	134.52	VM	VN	Mineralized	P-AML	10	10	52.5	0.5	38	337	0.4	<0.2	<0.005	0.06	0.6	<1	0.2	3.5	0.6
E773173a	K-10-0250	137.01	137.85	VM	VN	Mineralized	P-AML	10	10	30.6	0.8	8	23.2	1.5	0.3	0.005	0.13	0.2	4	0.5	5.2	1.3
E773174a	K-10-0250	137.85	138.34	VM	VN	Mineralized	P-AML	20	10	33.4	0.8	13	46.1	1.3	0.6	0.009	0.21	0.3	6	0.9	6.8	2.3
E773172a	K-10-0250	136.2	137.01	VM	VN	Mineralized	P-AML	150	10	79.2	1.3	4	47.1	5.1	1.8	0.046	0.32	0.4	20	4.3	5.4	10.4
E782247	K-10-0308	120	120.46	FLT	FLT			550	1.9	27.9	16.7	2	104	18.7	4	0.401	3.31	2.4	191	25.2	10.5	25.6
E782248	K-10-0308	120.46	121.14	FLT	FLT			510	0.78	21	22.6	1	116.5	2.6	0.8	0.451	4.95	1	255	34.2	9.8	6
E773175a	K-10-0250	138.34	138.88	VM	VN	Mineralized	P-AML	240	5.14	13.85	2.4	7	66.5	6.3	3.1	0.092	0.47	0.5	33	5.8	5.3	16.2
E773177a	K-10-0250	138.88	139.45	VM	VN	Mineralized	P-AML	90	10	53.7	1.5	11	107	4.1	1.5	0.036	0.32	0.3	21	4.8	12.7	6.7
E773180a	K-10-0250	140.2	140.45	VM	VN	Mineralized	P-AML	240	1.93	143	2.9	3	88.7	6	3.5	0.109	0.35	0.8	40	16.4	10	20.9
E773178a	K-10-0250	139.45	139.9	VM	VN	Mineralized	P-AML	<10	1.31	9.16	1.7	3	91	0.5	<0.2	<0.005	<0.02	0.1	<1	0.2	6.3	1.4
E773179a	K-10-0250	139.9	140.2	VM	VN	Mineralized	P-AML	60	10	177.5	1.7	7	162	3.6	1.2	0.021	0.27	0.4	15	2.9	11.8	5.5
E757075a	K-10-0251	72.53	73.15	VM	VN	Mineralized	P-AML	10	3.97	327	1.5	13	138.5	1.9	0.3	0.009	0.32	0.6	6	0.4	8	4.4
E757076a	K-10-0251	73.15	73.89	VM	VN	Mineralized	P-AML	50	4.05	136.5	2.5	13	291	4.8	0.6	0.016	0.17	1	8	0.7	4.1	5.8
E757096a	K-10-0252	100.14	100.76	VM	VN	Mineralized	P-AML	50	5.44	17.55	0.9	10	142.5	4	1	0.024	0.19	0.4	6	0.8	2.9	7.5
E757098a	K-10-0252	100.76	102.11	VM	VN	Mineralized	P-AML	100	4.05	24	1	4	27.4	3.3	1.3	0.027	0.17	0.6	8	1.4	2.7	9.7
E757163	K-10-0253	89.25	90.22	VM	VN	Mineralized	P-AML	120	5.8	289	2			5	<20	0.02	<10	10	7	<10		
E757164	K-10-0253	90.22	91	VM	VN	Mineralized	P-AML	140	4.47	206	2			4	<20	0.02	<10	10	7	<10		
E757165	K-10-0253	91	91.34	VM	VN	Mineralized	P-AML	80	9.28	211	1			3	<20	0.02	<10	<10	3	<10		
E757187	K-10-0253	103.79	104.41	VM	VN	Mineralized	P-AML	370	3.14	46.6	7.3	9	52.5	42.4	5.2	0.175	1.33	1.7	66	4.8	9.5	28.9
E757186	K-10-0253	103.46	103.79	VM	VN	Mineralized	P-AML	<10	10	173.5	1.4	62	95.2	0.8	<0.2	<0.005	0.54	0.1	2	0.1	3.7	0.7
E757177	K-10-0253	98.86	99.6	VM	VN	Mineralized	P-AML	10	9.12	461	2			3	<20	<0.01	<10	10	1	<10		
E757183	K-10-0253	102.31	102.8	VM	VN	Mineralized	P-AML	<10	10	296	0.3	40	297	0.2	<0.2	<0.005	0.57	0.1	1	0.1	1.6	<0.5
E757182	K-10-0253	101.83	102.31	VM	VN	Mineralized	P-AML	<10	10	178.5	1.6	44	203	0.3	<0.2	<0.005	0.78	0.1	2	0.1	8.9	0.6
E757181	K-10-0253	101.15	101.83	VM	VN	Mineralized	P-AML	10	9.77	846	1.3	36	500	0.5	<0.2	<0.005	0.93	0.9	2	0.4	8	1.1
E757180	K-10-0253	100.57	101.15	VM	VN	Mineralized	P-AML	10	6.26	182	2			3	<20	<0.01	<10	10	1	<10		
E757179	K-10-0253	100.07	100.57	VM	VN	Mineralized	P-AML	60	5.38	217	5			6	<20	0.02	<10	10	9	<10		
E757178	K-10-0253	99.6	100.07	VM	VN	Mineralized	P-AML	60	4.41	40	2			5	<20	0.01	<10	10	4	<10		
E757185	K-10-0253	102.8	103.46	VM	VN	Mineralized	P-AML	<10	10	738	0.2	41	182.5	0.3	<0.2	<0.005	0.51	0.1	1	<0.1	1.7	<0.5
E757176	K-10-0253	98.3	98.86	VM	VN	Mineralized	P-AML	100	5.51	152	3			9	<20	0.03	<10	<10	14	<10		
E000121	K-11-0324	43.19	44.25	FLT	FLT			210	0.23	218	6			23	<20	0.07	<10	<10	52	<10		
E757219	K-10-0254	127.94	128.27	VM	VN	Mineralized	P-AML	<10	10	115	<1			<1	<20	<0.01	<10	10	3	30		
E757220	K-10-0254	128.27	128.51	VM	VN	Mineralized	P-AML	<10	9.06	58	2			<1	<20	<0.01	<10	10	3	30		
E757221	K-10-0254	128.51	128.9	VM	VN	Mineralized	P-AML	<10	10	184	<1			<1	<20	<0.01	<10	<10	1	40		
E757222	K-10-0254	128.9	129.4	VM	VN	Mineralized	P-AML	80	10	79	3			2	<20	0.02	<10	10	9	30		
E757213	K-10-0254	126.14	126.48	VM	VN	Mineralized	P-AML	<10	9.18	63	3			2	<20	<0.01	<10	10	2	<10		
E757202	K-10-0254	122.93	123.22	VM	VN	Mineralized	P-AML	<10	8.51	1245	2			1	<20	<0.01	<10	10	2	10		
E757208	K-10-0254	124.61	125.03	VM	VN	Mineralized	P-AML	10	10	3470	1			2	<20	<0.01	<10	10	1	100		
E757207	K-10-0254	124.38	124.61	VM	VN	Mineralized	P-AML	10	5.73	1135	2			4	<20	<0.01	<10	10	2	30		
E757206	K-10-0254	123.88	124.38	VM	VN	Mineralized	P-AML	<10	10	2490	1			2	<20	<0.01	<10	10	1	70		

Onek ICP Metals Data

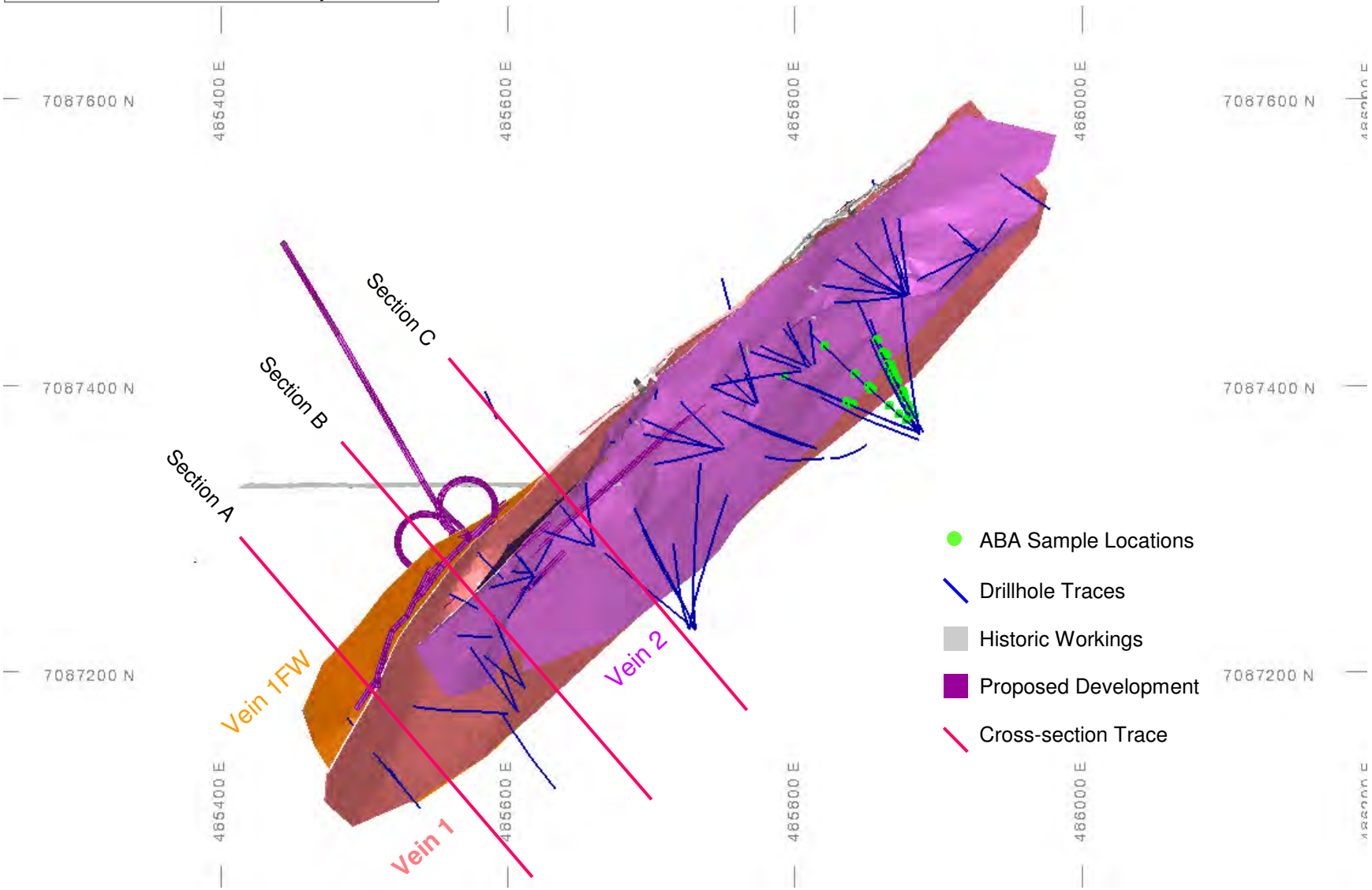
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E757216	K-10-0254	126.8	127.13	VM	VN	Mineralized	P-AML	<10	10	90	<1			1	<20	<0.01	<10	<10	<1	<10		
E757204	K-10-0254	123.22	123.61	VM	VN	Mineralized	P-AML	<10	10	1980	2			2	<20	<0.01	<10	10	2	80		
E757212	K-10-0254	125.77	126.14	VM	VN	Mineralized	P-AML	<10	3.23	45	4			2	<20	<0.01	<10	10	3	<10		
E757201	K-10-0254	122.58	122.93	VM	VN	Mineralized	P-AML	<10	10	1750	1			1	<20	<0.01	<10	10	1	70		
E757200	K-10-0254	122.1	122.58	VM	VN	Mineralized	P-AML	150	10	644	3.3	19	135	7.6	1.8	0.049	1.07	0.9	20	2.6	16.1	10.7
E757205	K-10-0254	123.61	123.88	VM	VN	Mineralized	P-AML	10	7.47	1480	4			1	<20	<0.01	<10	10	3	120		
E757214	K-10-0254	126.48	126.8	VM	VN	Mineralized	P-AML	<10	10	80	<1			1	<20	<0.01	<10	<10	<1	<10		
E757217	K-10-0254	127.13	127.53	VM	VN	Mineralized	P-AML	<10	10	405	<1			1	<20	<0.01	<10	<10	<1	10		
E757218	K-10-0254	127.53	127.94	VM	VN	Mineralized	P-AML	<10	10	162	<1			1	<20	<0.01	<10	<10	<1	<10		
E757211	K-10-0254	125.38	125.77	VM	VN	Mineralized	P-AML	<10	3.37	634	2			3	<20	<0.01	<10	10	2	<10		
E757210	K-10-0254	125.03	125.38	VM	VN	Mineralized	P-AML	<10	6.3	1930	2			1	<20	<0.01	<10	10	1	60		
E757235	K-10-0254	133.58	133.74	VM	VN	Mineralized	P-AML	20	10	44	3			4	<20	0.01	<10	<10	9	20		
E757233	K-10-0254	133.25	133.58	VM	VN	Mineralized	P-AML	<10	1.12	20	5			2	<20	<0.01	<10	10	5	40		
E757232	K-10-0254	132.77	133.25	VM	VN	Mineralized	P-AML	<10	4.23	15	3			1	<20	<0.01	<10	10	5	20		
E757231	K-10-0254	132.29	132.77	VM	VN	Mineralized	P-AML	380	3.95	51	5			14	<20	0.1	<10	<10	48	20		
E773206	K-10-0255	94.57	95.71	VM	VN	Mineralized	P-AML	140	10	399	2			12	<20	0.04	<10	<10	19	20		
E773214	K-10-0256	85.11	87.31	VM	VN	Mineralized	P-AML	320	1.62	112	3			24	<20	0.11	<10	<10	37	<10		
E773218	K-10-0256	90.67	91.27	VM	VN	Mineralized	P-AML	160	2.31	15	1			8	<20	0.05	<10	<10	13	<10		
E773271	K-10-0262	62.76	63.28	VM	VN	Mineralized	P-AML	120	8.47	981	2			4	<20	0.04	<10	10	13	80		
E773270	K-10-0262	62.09	62.76	VM	VN	Mineralized	P-AML	20	10	278	<1			<1	<20	<0.01	<10	20	4	50		
E773268	K-10-0262	61.62	62.09	VM	VN	Mineralized	P-AML	10	5.56	235	2			<1	<20	<0.01	<10	20	4	60		
E773267	K-10-0262	61.1	61.62	VM	VN	Mineralized	P-AML	<10	6.46	213	1			<1	<20	<0.01	<10	20	2	60		
E773266	K-10-0262	60.51	61.1	VM	VN	Mineralized	P-AML	20	10	845	1			<1	<20	<0.01	<10	10	2	90		
E775013	K-10-0265	61.67	62.65	VM	VN	Mineralized	P-AML	20	2.17	126	4			2	<20	0.01	<10	10	7	40		
E775012	K-10-0265	61.1	61.67	VM	VN	Mineralized	P-AML	30	3.59	808	3			<1	<20	<0.01	<10	10	3	40		
E775011	K-10-0265	60.35	61.1	VM	VN	Mineralized	P-AML	10	4.71	937	3			<1	<20	<0.01	<10	10	3	60		
E775010	K-10-0265	59.13	60.35	VM	VN	Mineralized	P-AML	20	7.93	3870	2			3	<20	<0.01	<10	<10	1	210		
E775009	K-10-0265	58.51	59.13	VM	VN	Mineralized	P-AML	40	1.37	1375	3			<1	<20	<0.01	<10	10	6	90		
E775008	K-10-0265	58.03	58.51	VM	VN	Mineralized	P-AML	20	0.13	171	3			5	<20	<0.01	<10	10	5	<10		
E775005	K-10-0265	54.86	56.08	VM	VN	Mineralized	P-AML	10	0.31	217	3			9	<20	<0.01	<10	10	5	<10		
E775003	K-10-0265	53.79	54.86	VM	VN	Mineralized	P-AML	140	0.12	349	4			29	<20	0.04	<10	10	19	<10		
E775007	K-10-0265	56.08	58.03	VM	VN	Mineralized	P-AML	40	4.22	3080	2			9	<20	<0.01	<10	10	2	<10		
E775015	K-10-0265	62.65	63.45	VM	VN	Mineralized	P-AML	10	2.68	441	2			6	<20	0.01	<10	<10	2	30		
E775028	K-10-0265	71.9	72.64	VM	VN	Mineralized	P-AML	250	1.7	49	5			7	<20	0.1	<10	<10	55	<10		
E775026	K-10-0265	71.32	71.9	VM	VN	Mineralized	P-AML	250	10	43	10			8	<20	0.33	<10	<10	109	20		
E775023	K-10-0265	68.98	70.18	VM	VN	Mineralized	P-AML	20	9.1	112	1			8	<20	0.01	<10	<10	3	20		
E775025	K-10-0265	70.18	71.32	VM	VN	Mineralized	P-AML	40	10	2290	1			8	<20	0.02	<10	<10	6	30		
E775034	K-10-0265	87.27	87.61	VM	VN	Mineralized	P-AML	130	1.92	409	7			20	<20	0.09	<10	<10	52	<10		
E004010	K-11-0327	99.58	100.17	FLT	FLT			790	1.47	30	12			91	<20	0.26	10	<10	115	20		
E773318	K-10-0267	110.59	111.17	VM	VN	Mineralized	P-AML	30	6.12	26	1			3	<20	0.01	<10	<10	5	<10		
E773307	K-10-0267	106.48	106.95	VM	VN	Mineralized	P-AML	20	10	48	1			3	<20	0.01	<10	<10	3	10		
E773308	K-10-0267	106.95	107.31	VM	VN	Mineralized	P-AML	<10	10	21	2			1	<20	<0.01	<10	<10	<1	<10		
E773309	K-10-0267	107.31	107.93	VM	VN	Mineralized	P-AML	<10	10	31	<1			1	<20	<0.01	<10	<10	<1	<10		
E773311	K-10-0267	107.93	108.39	VM	VN	Mineralized	P-AML	40	10	57	1			5	<20	0.01	10	<10	3	10		
E773312	K-10-0267	108.39	108.83	VM	VN	Mineralized	P-AML	10	10	653	<1			3	<20	<0.01	10	<10	1	80		
E773316	K-10-0267	109.79	110.16	VM	VN	Mineralized	P-AML	10	10	132	<1			2	<20	<0.01	<10	10	2	<10		
E773315	K-10-0267	109.3	109.79	VM	VN	Mineralized	P-AML	10	10	182	<1			<1	<20	<0.01	<10	10	1	<10		
E773319	K-10-0267	111.17	111.35	VM	VN	Mineralized	P-AML	10	10	21	<1			2	<20	<0.01	<10	<10	5	<10		
E773320	K-10-0267	111.35	111.75	VM	VN	Mineralized	P-AML	<10	10	42	<1			2	<20	<0.01	<10	<10	3	<10		
E004027	K-11-0327	110.92	111.46	FLT	FLT			350	0.57	10	4			13	<20	0.11	<10	<10	44	30		
E773321	K-10-0267	111.75	112.25	VM	VN	Mineralized	P-AML	10	4.66	30	4			<1	<20	<0.01	<10	<10	10	10		
E773314	K-10-0267	108.83	109.3	VM	VN	Mineralized	P-AML	10	10	48	<1			2	<20	<0.01	<10	<10	<1	10		
E773317	K-10-0267	110.16	110.59	VM	VN	Mineralized	P-AML	20	10	71	1			3	<20	0.02	<10	10	9	<10		
E000011	K-11-0328	37.3	38.1	FLT	FLT			470	0.01	17	7			28	<20	0.13	<10	<10	71	20		
E773819	K-10-0306	92.75	93.37	VM	VN	Mineralized	P-AML	20	7.95	116	2.2	11	449	1.7	0.2	<0.005	0.21	0.8	3	0.2	7.3	2.2
E773823	K-10-0306	96.01	96.9	VM	VN	Mineralized	P-AML	10	10	172	1.3	28	213	0.5	<0.2	<0.005	0.13	0.2	<1	0.2	2.7	0.7
E773821	K-10-0306	94.31	95.25	VM	VN	Mineralized	P-AML	<10	10	20.6	0.7	23	54.6	1.7	0.2	<0.005	0.06	0.2	<1	0.2	1.3	1.2
E773820	K-10-0306	93.37	94.31	VM	VN	Mineralized	P-AML	20	10	1315	0.8	29	500	1.3	0.2	<0.005	0.43	0.7	<1	0.2	2.3	1.4
E004076	K-11-0329	71.05	71.4	FLT	FLT			420	0.1	16	7			92	<20	0.2	<10	<10	76	<10		
E004079	K-11-0329	71.85	72.66	FLT	FLT			500	0.18	18	8			82	<20	0.24	<10	<10	84	10		
E773822	K-10-0306	95.25	96.01	VM	VN	Mineralized	P-AML	10	10	15.9	0.6	32	21.8	0.4	<0.2	<0.005	0.04	0.1	<1	0.2	1.6	0.7
E773824	K-10-0306	96.9	97.54	VM	VN	Mineralized	P-AML	10	10	359	1.1	26	247	0.5	<0.2	<0.005	0.11	0.3	<1	0.3	2.1	0.8
E773825	K-10-0306	97.54	98.21	VM	VN	Mineralized	P-AML	80	10	39.7	2.7	22	324	1.9	0.7	0.073	0.64	0.8	26	7.3	3.6	5.5
E782238	K-10-0308	114.85	116.09	SM	VN	Mineralized	P-AML	220	3.43	8.32	2.7	6	14.9	7.7	2.7	0.057	0.48	0.7	25	2.4	3.1	15.3
E782240	K-10-0308	116.09	117.03	SM	VN	Mineralized	P-AML	630	5.63	17.25	8.1	6	25	41	7.5	0.157	1.89	1.8	80	2.8	5.7	43
E782242	K-10-0308	117.35	117.68	SM	VN	Mineralized	P-AML	350	10	10.25	4.7	2	54.2	17.1	4.1	0.077	0.37	0.8	40	3.8	4.5	27.7
E782243	K-10-0308	117.68	118.02	SM	VN	Mineralized	P-AML	470	7.29	9.92	7.1	2	76.4	25.2	6.7	0.117	0.46	1.2	63	3.6	6.2	42.3
E782244	K-10-0308	118.02	118.94	SM	VN	Mineralized	P-AML	590	7.59	8.06	7.4	2	41.4	25	7.1	0.114	0.05	1	63	2.8	5	33.9
E000083	K-11-0331	82.3	83.3	FLT	FLT			1000	0.45	30	14			113	<20	0.29	<10	<10	132	<10		
E000086	K-11-0331	84	84.67	BX	BX			220	0.57	51	3			12	<20	0.05	<10	<10	26	10		

Onek ICP Metals Data

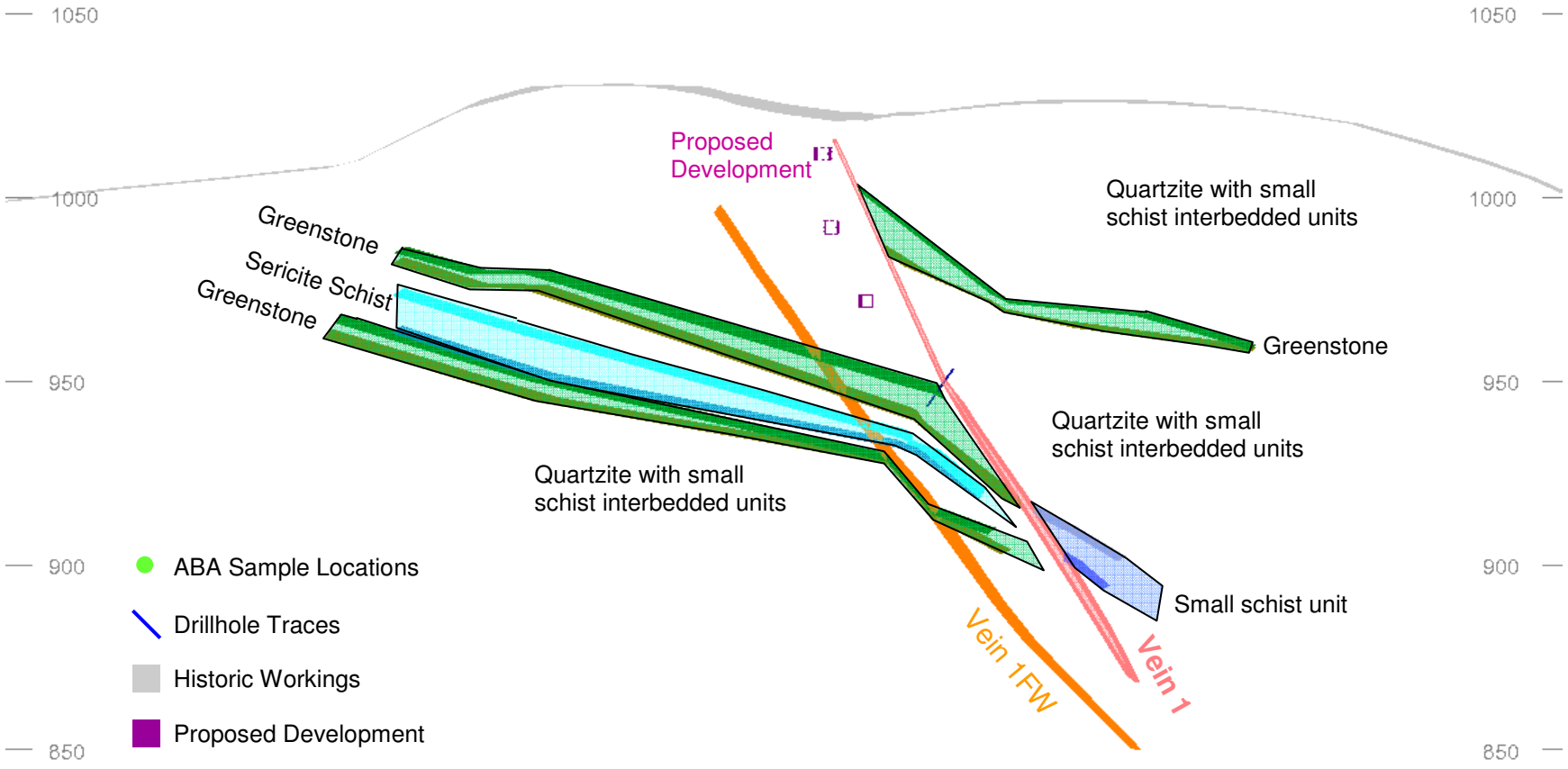
SampleID	Hole_ID	mFrom	_mTo	Lith1_Code	LITH	Min/NonMin	AML/N-AML	P_ppm	S (%)	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zr_ppm
E000084	K-11-0331	83.3	84	BX	BX			250	0.26	19	2			11	<20	0.08	<10	<10	27	<10		
E782241	K-10-0308	117.03	117.35	SM	VN	Mineralized	P-AML	420	5.34	12.2	5.1	3	33	22.6	4.5	0.107	1.15	1.1	52	3	3.3	36.8
E782246	K-10-0308	118.94	120	SM	VN	Mineralized	P-AML	150	9.27	925	7.4	27	382	28.3	4	0.135	1.56	1.3	59	3.7	3.9	35.3
E782250	K-10-0308	121.14	121.56	VM	VN	Mineralized	P-AML	140	0.21	8.12	12.4	1	148.5	1.8	0.8	0.203	1.26	0.5	96	16.3	8.7	3.3
E000091	K-11-0331	86.1	86.59	BX	BX			20	0.08	30	2			5	<20	0.02	<10	<10	15	<10		
E782252	K-10-0308	122.07	122.93	VM	VN	Mineralized	P-AML	50	0.58	8.81	7.4	2	32.4	3.4	0.6	0.02	0.09	0.5	14	1.3	9.8	8
E782253	K-10-0308	122.93	123.66	VM	VN	Mineralized	P-AML	210	0.94	12.85	6.4	2	42.2	16.8	3.1	0.088	0.38	0.6	41	3.3	5.2	18.4
E782251	K-10-0308	121.56	122.07	VM	VN	Mineralized	P-AML	30	4.84	95.9	3.7	10	178	3.5	0.6	0.059	0.43	0.7	26	3.6	4.3	6.1
E774675	K-10-0309	106.13	106.87	VM	VN	Mineralized	P-AML	20	10	2010	2.9	40	170	3.2	0.6	0.013	0.43	0.6	6	0.4	1.5	4.4
E774677	K-10-0309	106.87	107.22	SM	VN	Mineralized	P-AML	300	2.95	52.8	6.3	5	70.5	7.7	2.8	0.159	1.12	1.1	51	5.7	4.2	22.9
E774678	K-10-0309	107.22	108.6	SM	VN	Mineralized	P-AML	500	3.47	40.7	15.4	8	184	3.7	1.5	0.777	3.12	1.3	185	36.2	9.2	18
E774699	K-10-0309	135.17	135.8	SM	VN	Mineralized	P-AML	170	4.93	3.4	1.2	5	24.3	2.1	1.8	0.058	0.49	0.5	14	3.7	8.5	10.5
E774698	K-10-0309	133.74	135.17	SM	VN	Mineralized	P-AML	200	0.64	2.64	1.6	1	6	5.9	2.3	0.075	0.27	0.7	19	1.8	3.8	17.1
E774701	K-10-0309	135.8	136.72	SM	VN	Mineralized	P-AML	240	1.06	6.58	4.7	3	46.6	9.8	3.8	0.134	0.78	1.1	47	3.7	7.7	25.8
E000033	K-11-0325	70.1	71.63	VM	VN	Mineralized	P-AML	30	10	256	4			5	<20	0.01	<10	<10	10	20		
E000031	K-11-0325	68.45	69.25	VM	VN	Mineralized	P-AML	10	10	337	<1			1	<20	<0.01	<10	<10	1	30		
E000032	K-11-0325	69.25	70.1	VM	VN	Mineralized	P-AML	50	10	422	1			2	<20	<0.01	<10	<10	2	50		
E004045	K-11-0332	64.36	66.15	FLT	FLT			250	0.38	63	3			13	<20	0.09	<10	<10	25	20		
E000035	K-11-0325	71.63	73.46	VM	VN	Mineralized	P-AML	10	10	140	<1			2	<20	<0.01	<10	<10	<1	20		
E000036	K-11-0325	73.46	74.44	VM	VN	Mineralized	P-AML	20	10	44	<1			3	<20	0.01	<10	<10	6	30		
E000030	K-11-0325	67.66	68.45	VM	VN	Mineralized	P-AML	20	10	4270	<1			2	<20	<0.01	<10	<10	1	110		
E004108	K-11-0326	97.37	98.66	VM	VN	Mineralized	P-AML	20	10	56	<1			1	<20	0.01	<10	<10	3	10		
E004107	K-11-0326	96.8	97.37	VM	VN	Mineralized	P-AML	30	10	28	<1			1	<20	<0.01	10	<10	<1	10		
E004106	K-11-0326	96.01	96.8	VM	VN	Mineralized	P-AML	80	9.14	161	<1			5	<20	0.02	<10	<10	7	30		
E004105	K-11-0326	95.5	96.01	VM	VN	Mineralized	P-AML	30	9.73	862	6			7	<20	0.02	<10	<10	11	70		
E004110	K-11-0326	98.66	99.41	SM	VN	Mineralized	P-AML	130	6.52	50	9			4	<20	0.4	<10	<10	126	30		
E004111	K-11-0326	99.41	99.78	VM	VN	Mineralized	P-AML	40	2.54	69	4			5	<20	0.12	<10	<10	40	30		
E004112	K-11-0326	99.78	100.16	SM	VN	Mineralized	P-AML	190	0.85	32	10			17	<20	0.15	<10	<10	68	10		
E004115	K-11-0326	100.54	100.95	VM	VN	Mineralized	P-AML	60	6.85	270	2			5	<20	0.04	<10	<10	18	10		
E004114	K-11-0326	100.16	100.54	VM	VN	Mineralized	P-AML	60	7.39	216	2			5	<20	0.12	<10	<10	33	10		
E004116	K-11-0326	100.95	101.7	SM	VN	Mineralized	P-AML	250	0.3	13	12			17	<20	0.2	<10	<10	99	10		
E004119	K-11-0326	104.49	104.83	VM	VN	Mineralized	P-AML	200	0.47	8	17			7	<20	0.29	<10	<10	107	20		
E004004	K-11-0327	92.1	92.5	SM	VN	Mineralized	P-AML	140	4.16	6	1			8	<20	0.05	<10	<10	13	<10		
E004021	K-11-0327	105.56	106.02	VM	VN	Mineralized	P-AML	30	9.67	48	8			3	<20	0.02	10	20	25	40		
E004020	K-11-0327	104.56	105.56	VM	VN	Mineralized	P-AML	<10	4.04	45	3			4	<20	0.01	10	20	9	20		
E004017	K-11-0327	103.18	104.26	VM	VN	Mineralized	P-AML	30	10	20	<1			4	<20	0.02	20	<10	7	<10		
E004019	K-11-0327	104.26	104.56	VM	VN	Mineralized	P-AML	10	10	110	<1			2	<20	<0.01	20	10	1	<10		
E000003	K-11-0328	8.74	9.14	SM	VN	Mineralized	P-AML	90	0.21	265	4			56	<20	0.01	<10	<10	11	10		
E000057	K-11-0334	67.67	68.46	FLT	FLT			150	0.1	166	2			7	<20	0.02	<10	<10	13	10		
E004080	K-11-0329	72.66	73.38	SM	VN	Mineralized	P-AML	260	0.05	14	3			17	<20	0.08	<10	<10	32	10		
E000088	K-11-0331	84.89	85.34	VM	VN	Mineralized	P-AML	10	2.24	17	1			1	<20	<0.01	<10	<10	2	60		
E000089	K-11-0331	85.34	86.1	VM	VN	Mineralized	P-AML	20	6.62	39	<1			1	<20	<0.01	<10	<10	2	10		
E000087	K-11-0331	84.67	84.89	VM	VN	Mineralized	P-AML	10	1.91	199	1			2	<20	<0.01	<10	<10	2	60		
E004031	K-11-0332	52.84	53.44	VM	VN	Mineralized	P-AML	510	4.3	1575	4			6	<20	0.02	10	20	13	90		
E004032	K-11-0332	53.44	54	VM	VN	Mineralized	P-AML	290	7.43	2630	3			2	<20	<0.01	<10	20	2	100		
E004033	K-11-0332	54	54.41	VM	VN	Mineralized	P-AML	10	1.75	329	2			1	<20	<0.01	20	20	2	40		
E000128	K-11-0339	92.96	94.49	FLT	FLT			640	0.98	8	8			83	<20	0.22	<10	<10	82	<10		
E004035	K-11-0332	54.41	55.27	VM	VN	Mineralized	P-AML	80	8.45	174	1			2	<20	<0.01	20	20	3	30		
E004036	K-11-0332	55.27	56.2	VM	VN	Mineralized	P-AML	400	3.32	215	5			14	<20	0.09	<10	<10	43	20		
E000131	K-11-0339	95.73	96.05	FLT	FLT			660	1.79	9	8			53	<20	0.2	<10	<10	86	<10		
E004051	K-11-0332	67.73	68.95	VM	VN	Mineralized	P-AML	50	10	142	<1			2	<20	0.02	10	10	7	30		
E004049	K-11-0332	67.37	67.73	VM	VN	Mineralized	P-AML	50	10	961	2			9	<20	0.03	10	10	15	30		
E004048	K-11-0332	66.98	67.37	VM	VN	Mineralized	P-AML	90	9.65	176	3			4	<20	0.02	10	10	13	10		
E004053	K-11-0332	69.66	70.2	SM	VN	Mineralized	P-AML	200	1.64	22	4			2	<20	0.12	<10	10	43	20		
E004052	K-11-0332	68.95	69.66	SM	VN	Mineralized	P-AML	440	1.52	32	13			4	<20	0.45	<10	<10	148	40		
E004058	K-11-0332	73.4	73.77	VM	VN	Mineralized	P-AML	20	3.19	27	3			22	<20	<0.01	<10	<10	10	10		
E004059	K-11-0332	73.77	74.52	VM	VN	Mineralized	P-AML	20	0.46	14	2			7	<20	0.01	<10	<10	11	10		
E004056	K-11-0332	72.8	73.4	VM	VN	Mineralized	P-AML	80	10	40	<1			2	<20	<0.01	<10	<10	3	30		
E000061	K-11-0334	69.79	70.06	VM	VN	Mineralized	P-AML	30	8.61	35	<1			2	<20	<0.01	<10	<10	3	10		
E000060	K-11-0334	69.43	69.79	VM	VN	Mineralized	P-AML	80	8.58	86	1			11	<20	0.03	<10	<10	13	<10		
E000062	K-11-0334	70.06	70.31	VM	VN	Mineralized	P-AML	60	0.34	70	2			14	<20	0.02	<10	<10	21	20		
E000058	K-11-0334	68.46	69.43	VM	VN	Mineralized	P-AML	70	4.84	219	1			4	<20	0.01	<10	<10	6	30		
E000129	K-11-0339	94.49	94.85	VM	VN	Mineralized	P-AML	150	9.07	38	3			16	<20	0.06	<10	<10	27	<10		
E000135	K-11-0339	98	98.65	SM	VN	Mineralized	P-AML	310	2.94	13	4			9	<20	0.07	<10	<10	33	10		
E000142	K-11-0339	101.94	102.11	VM	VN	Mineralized	P-AML	340	1.31	19	25			4	<20	0.57	<10	<10	245	30		
E000143	K-11-0339	102.11	102.47	VM	VN	Mineralized	P-AML	20	4.81	48	3			3	<20	0.03	<10	10	15	30		

Appendix J

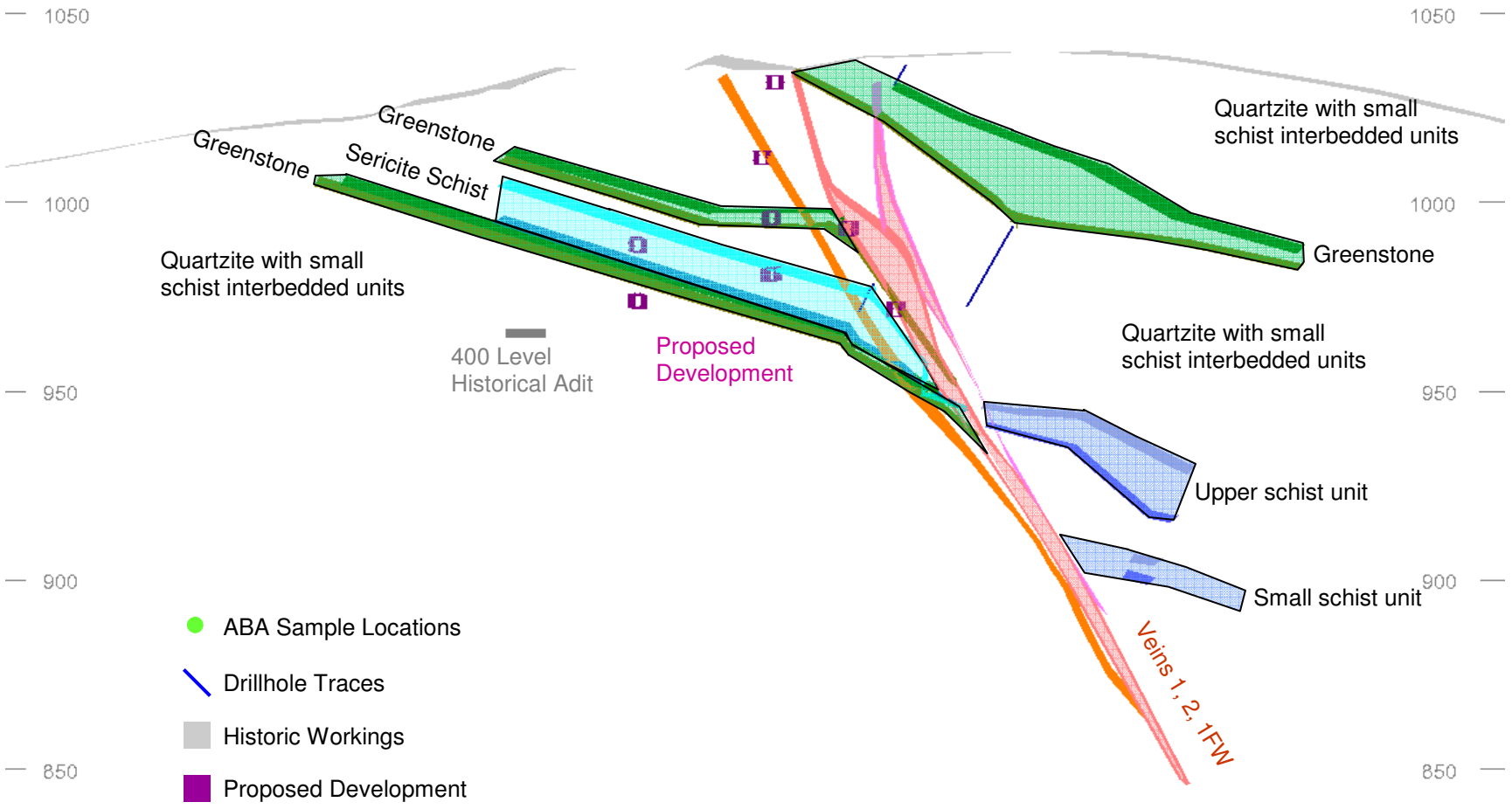
Onek Plan Map



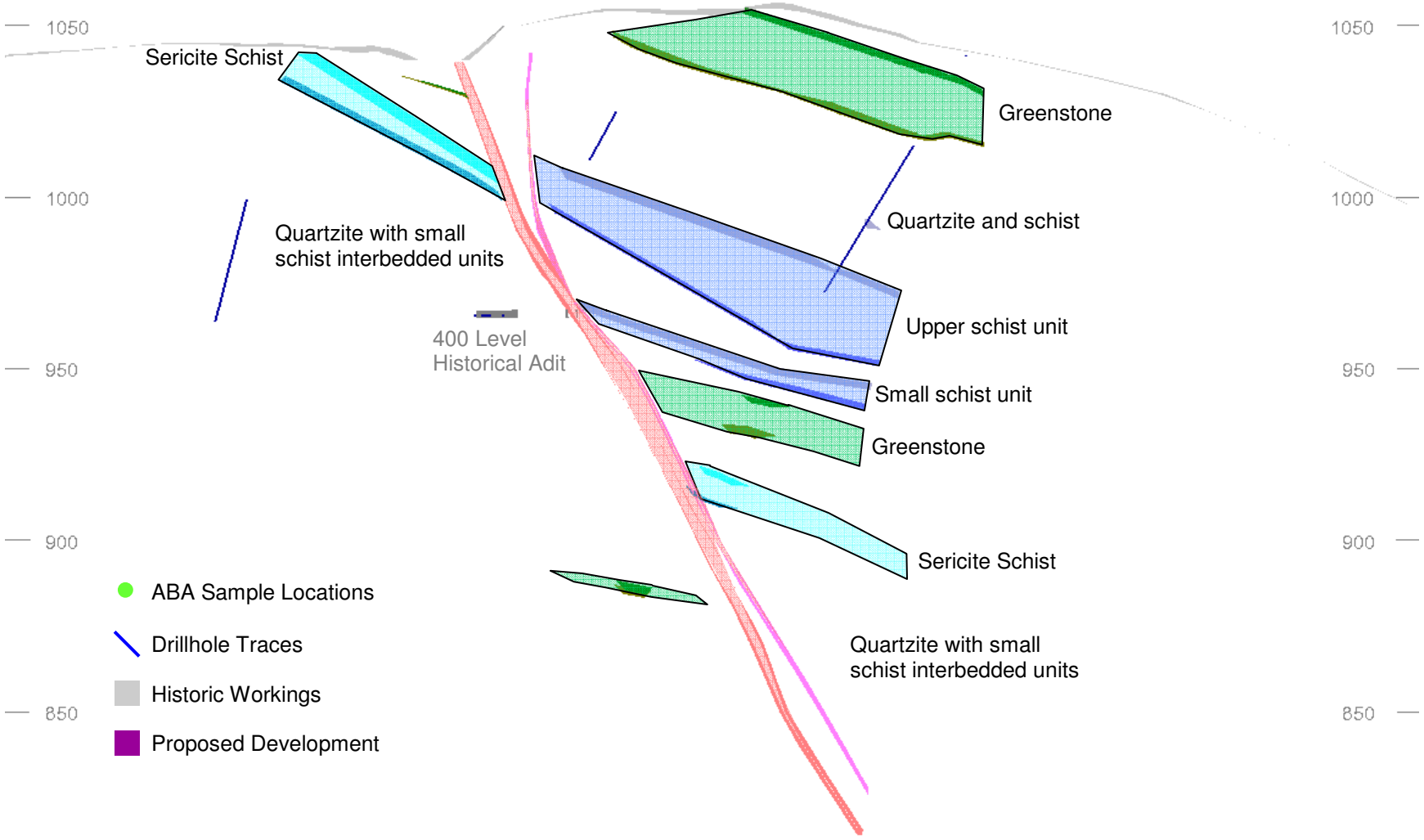
Onek Cross-Section A, looking north-east



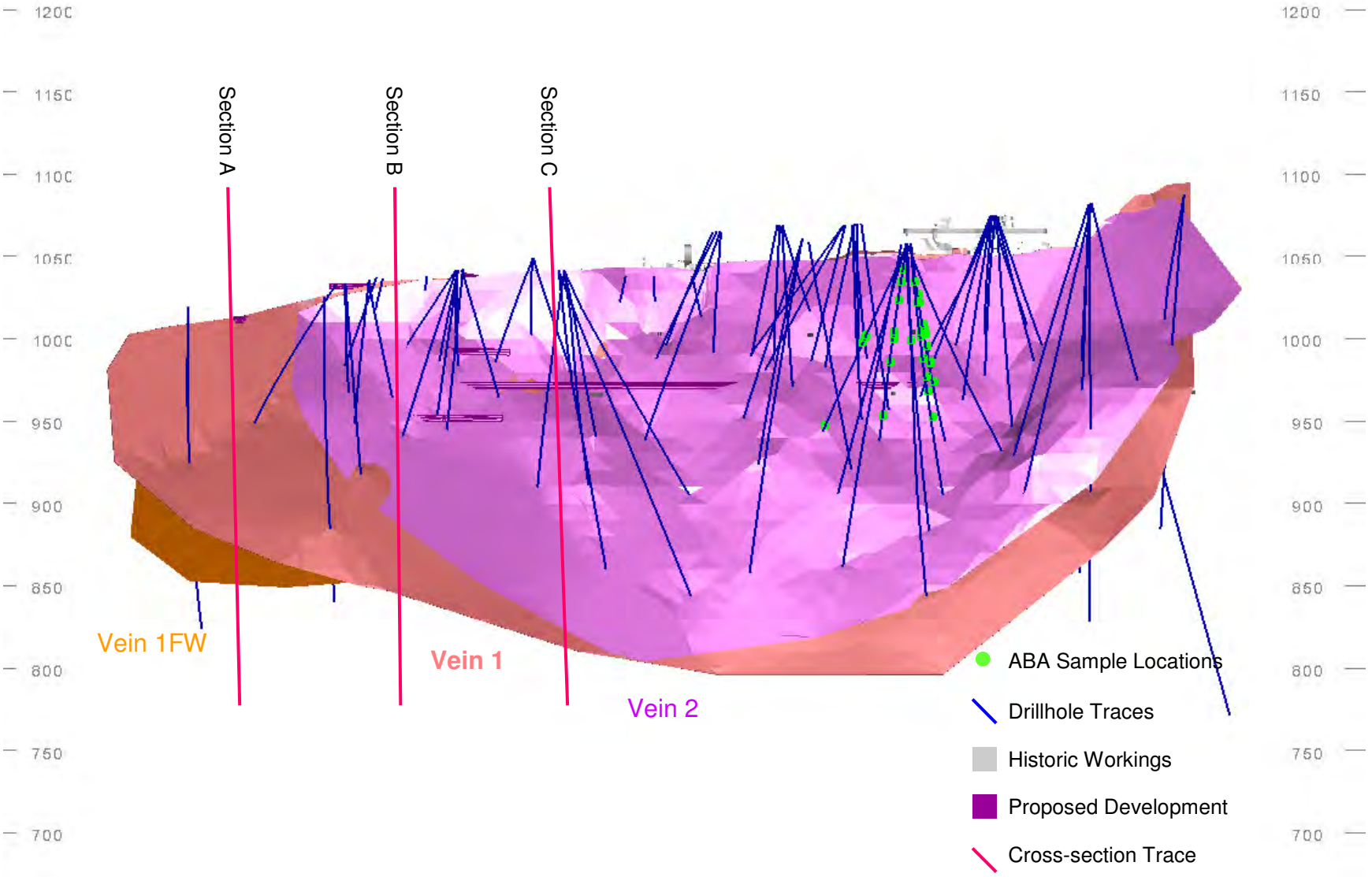
Onek Cross-Section B, looking north-east



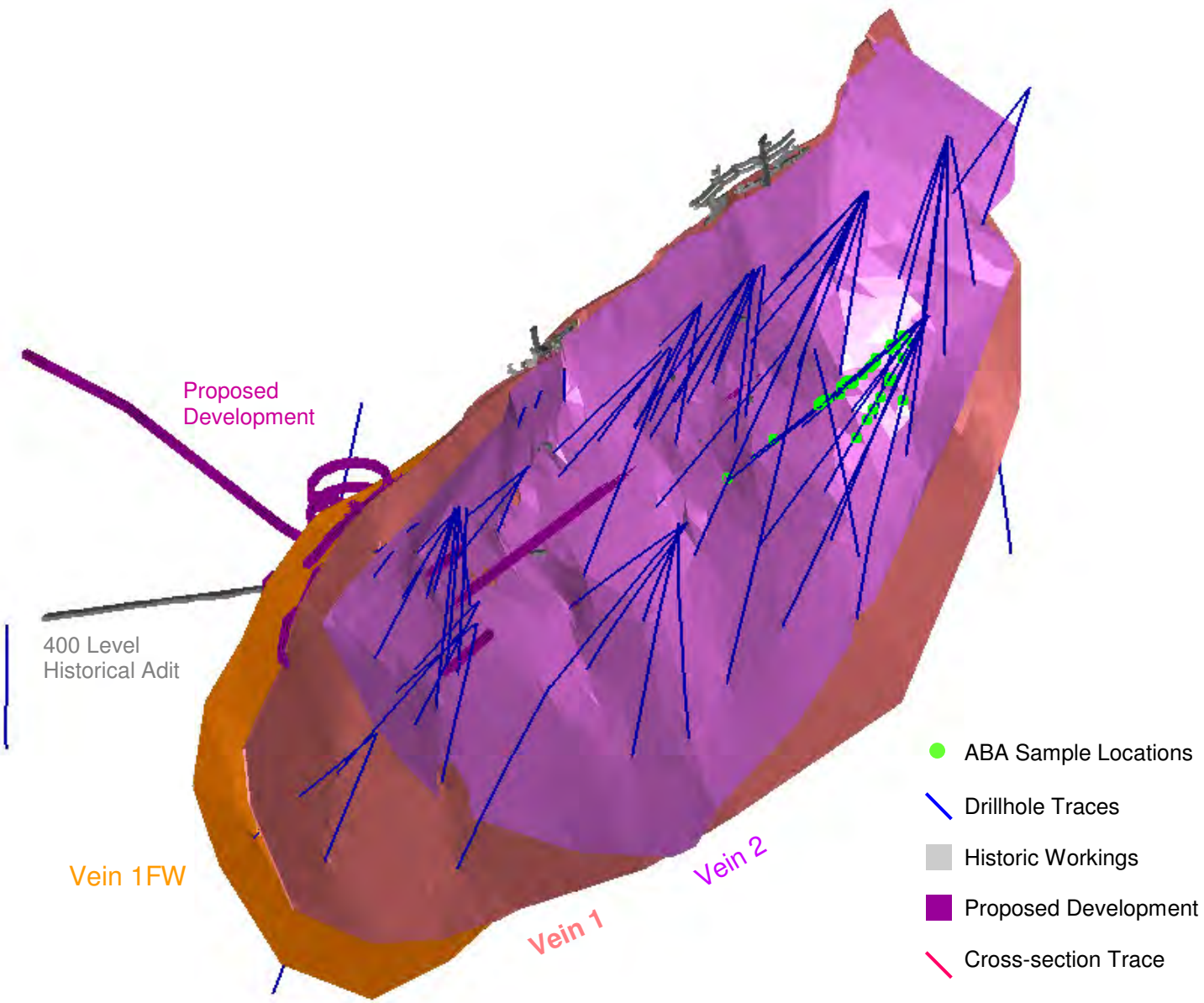
Onek Cross-Section C, looking north-east



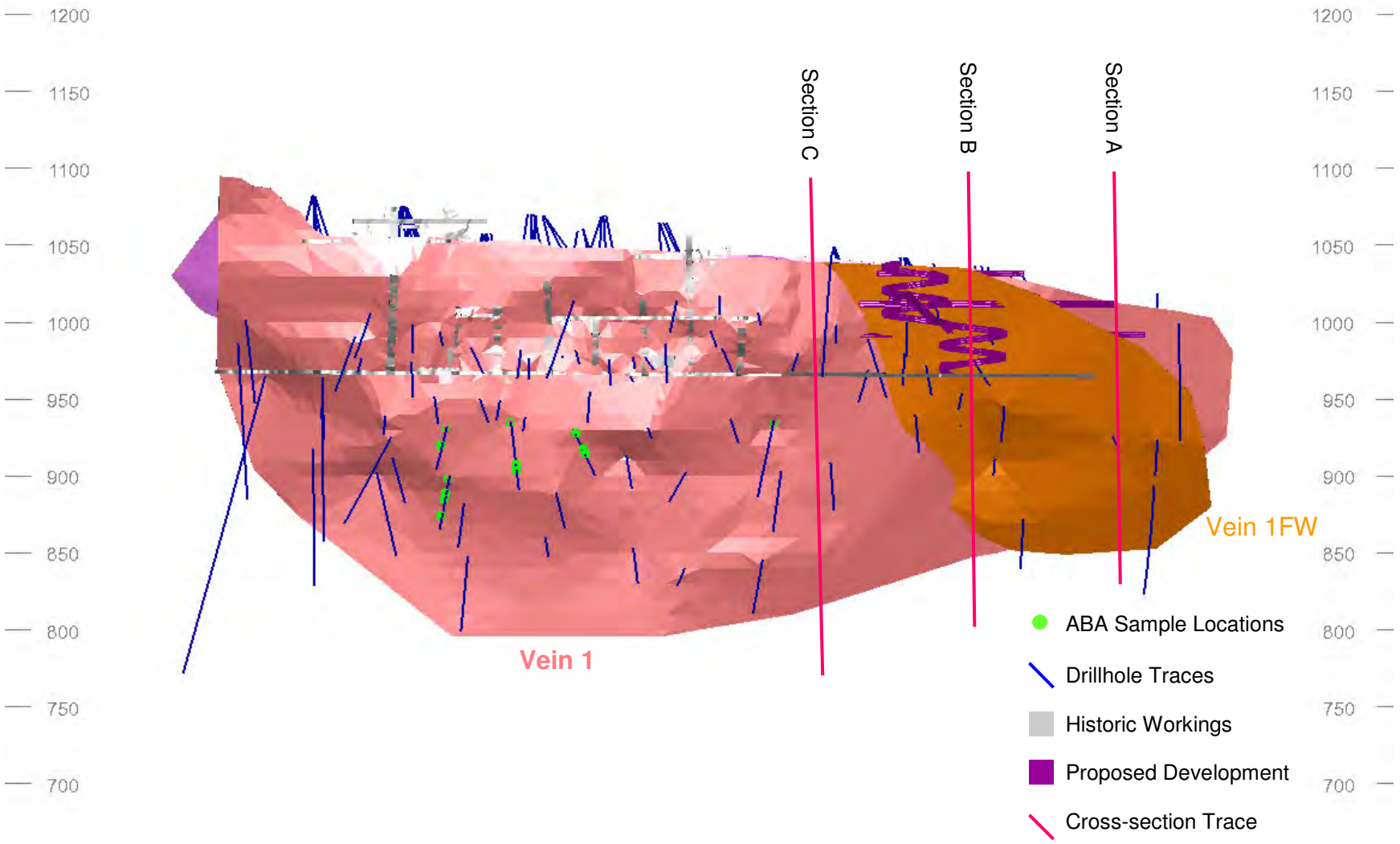
Onek Longitudinal View, looking north-west



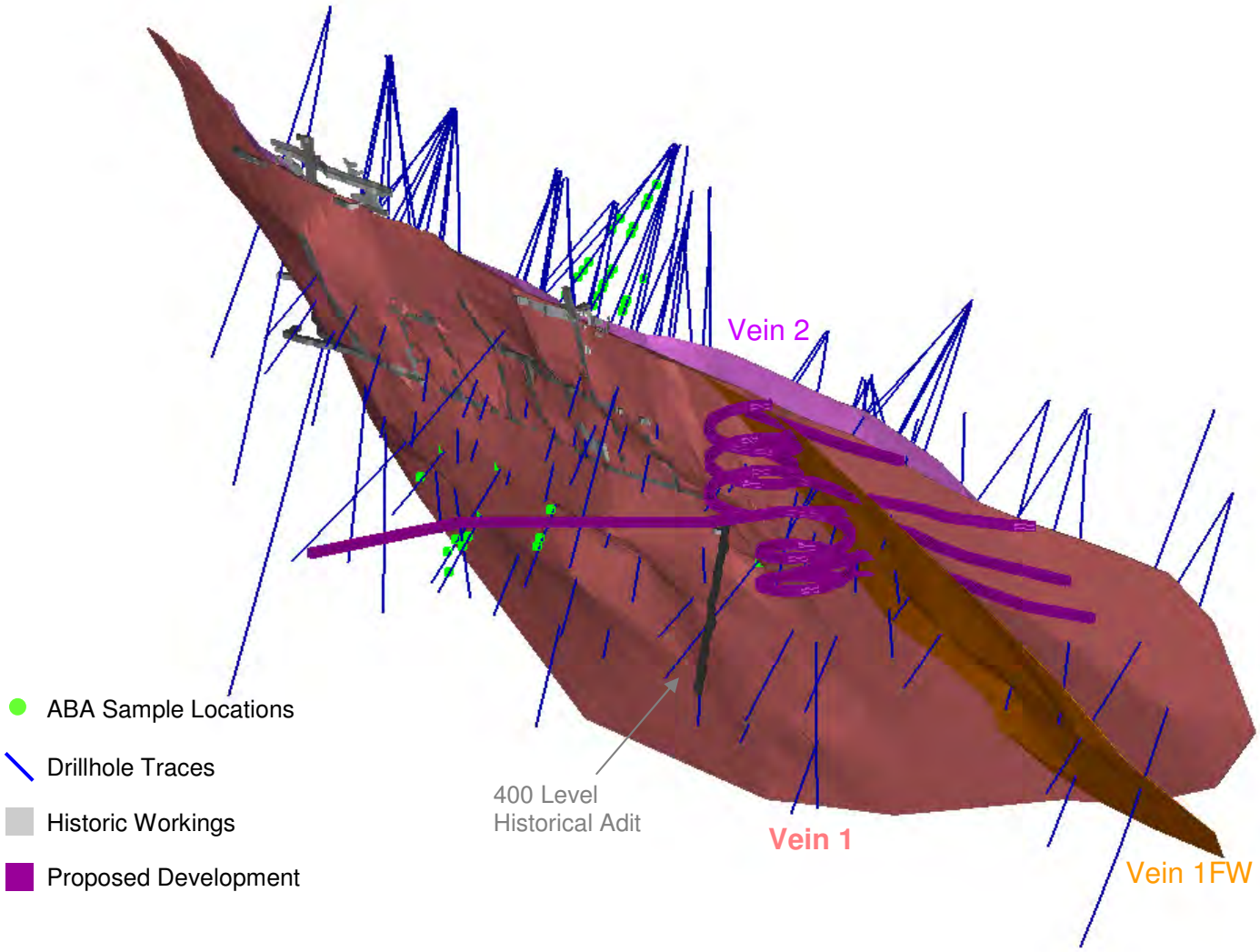
Onek Oblique View, looking north-northeast



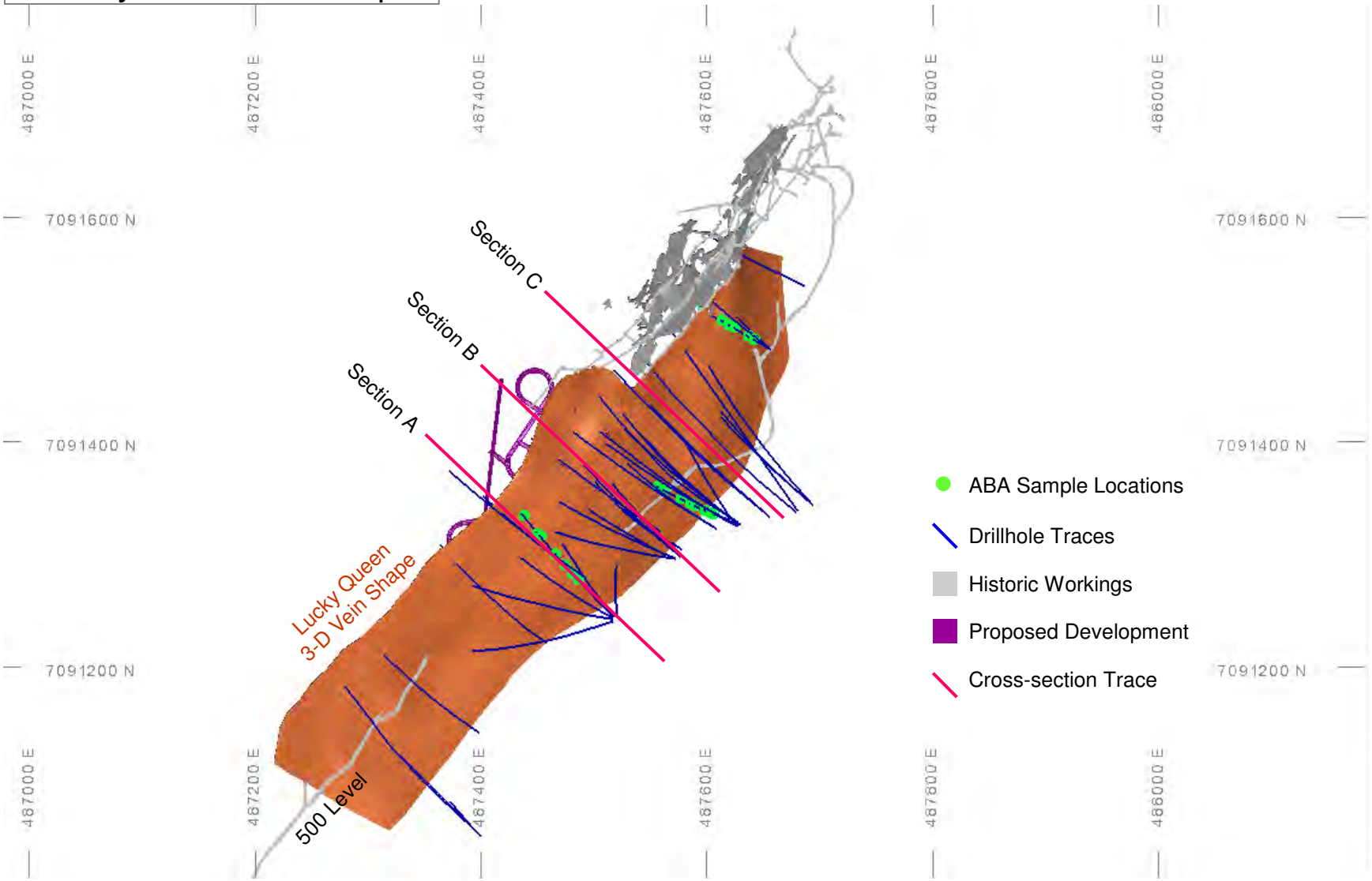
Onek Longitudinal View, looking from footwall to the south-east



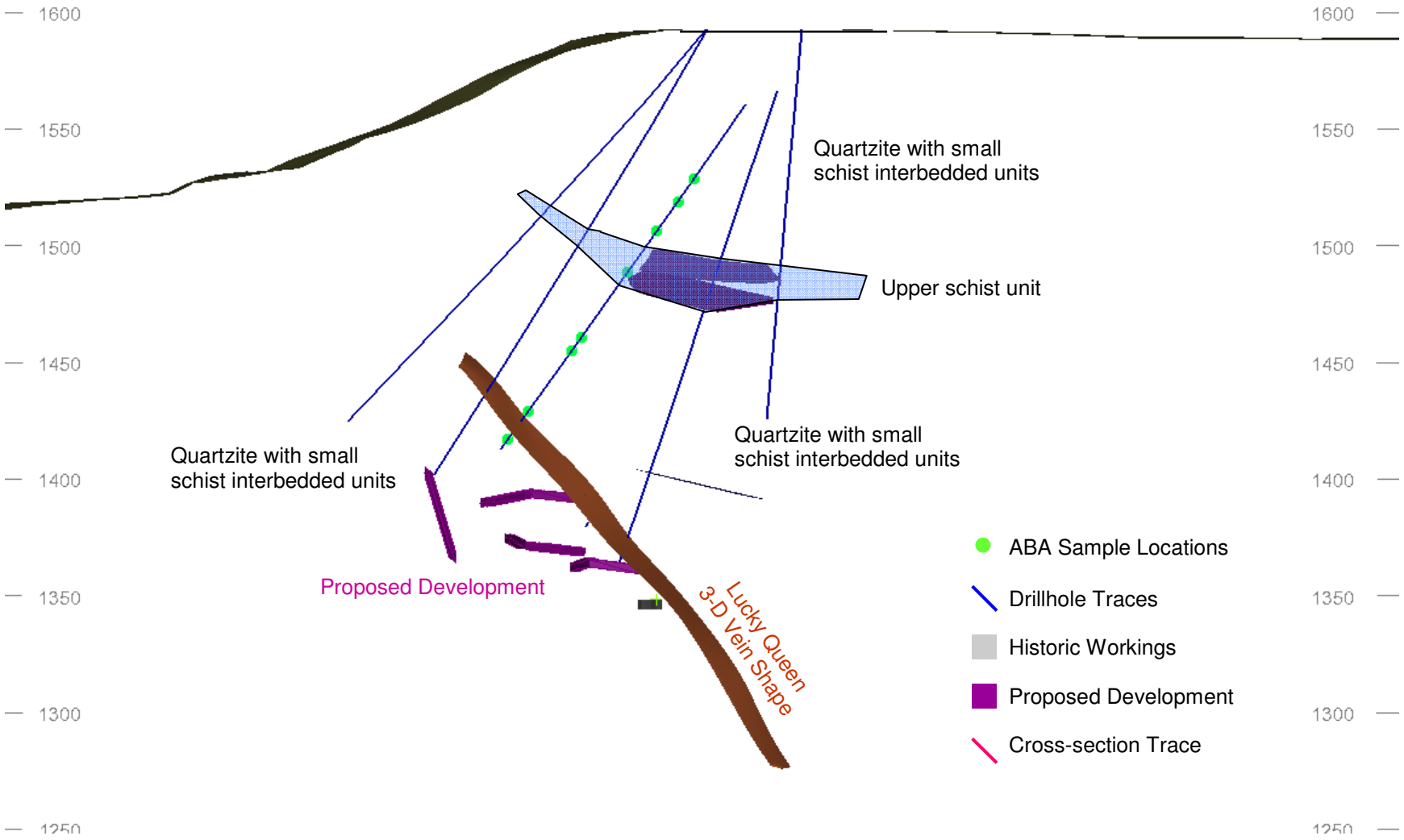
Onek Oblique View, looking south-southeast



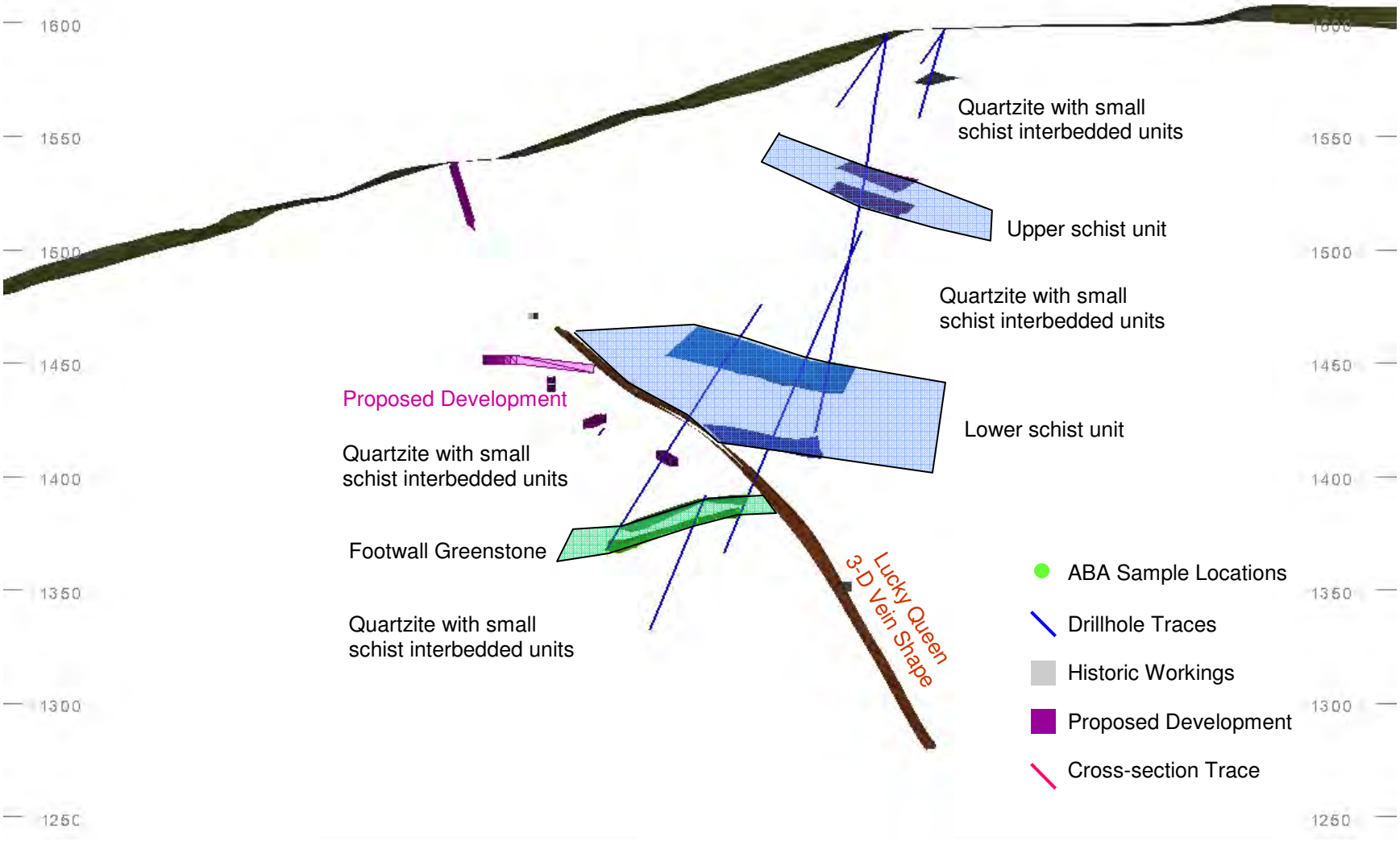
Lucky Queen Plan Map



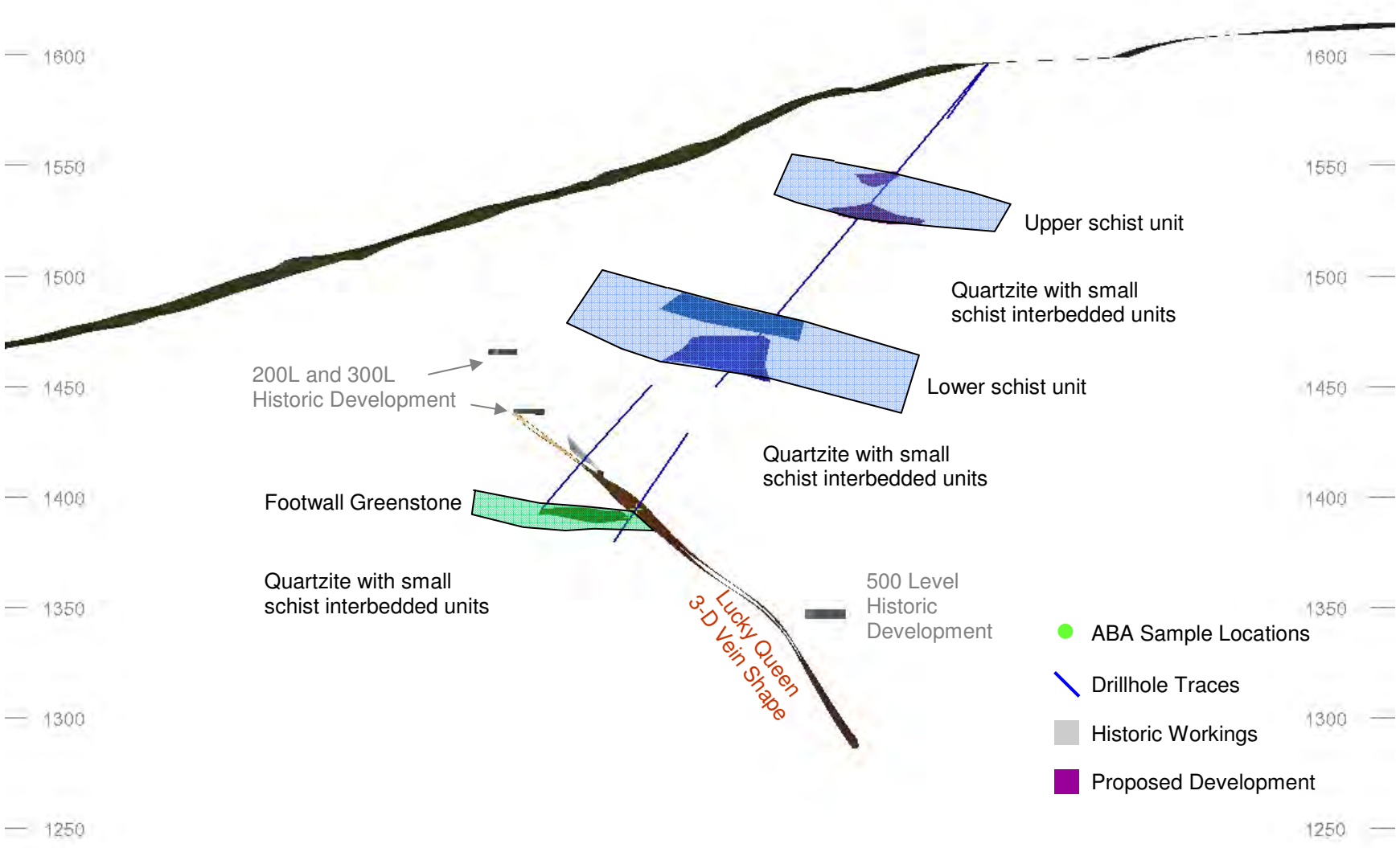
Lucky Queen Cross-Section A, looking north-east



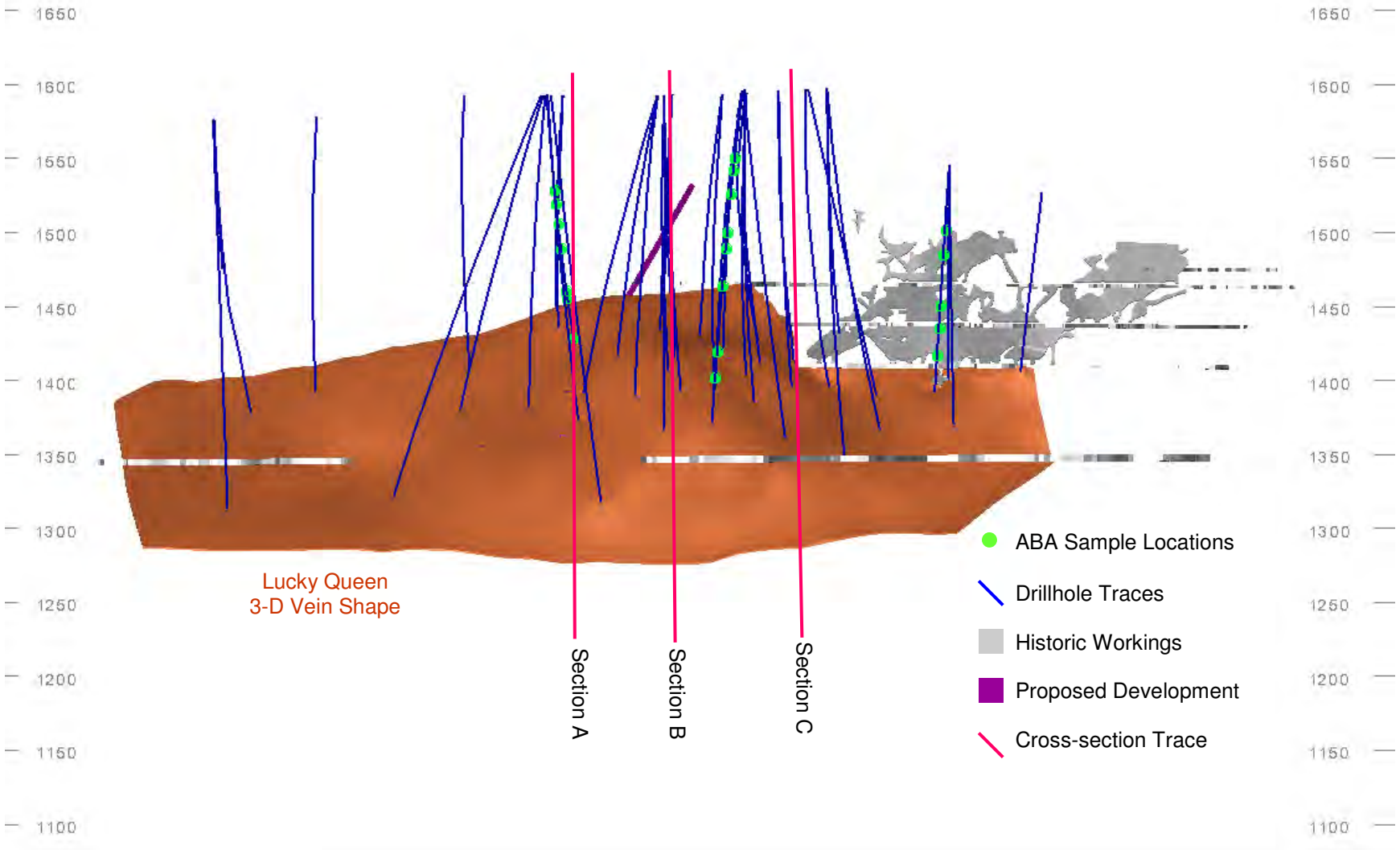
Lucky Queen Cross-Section B, looking north-east



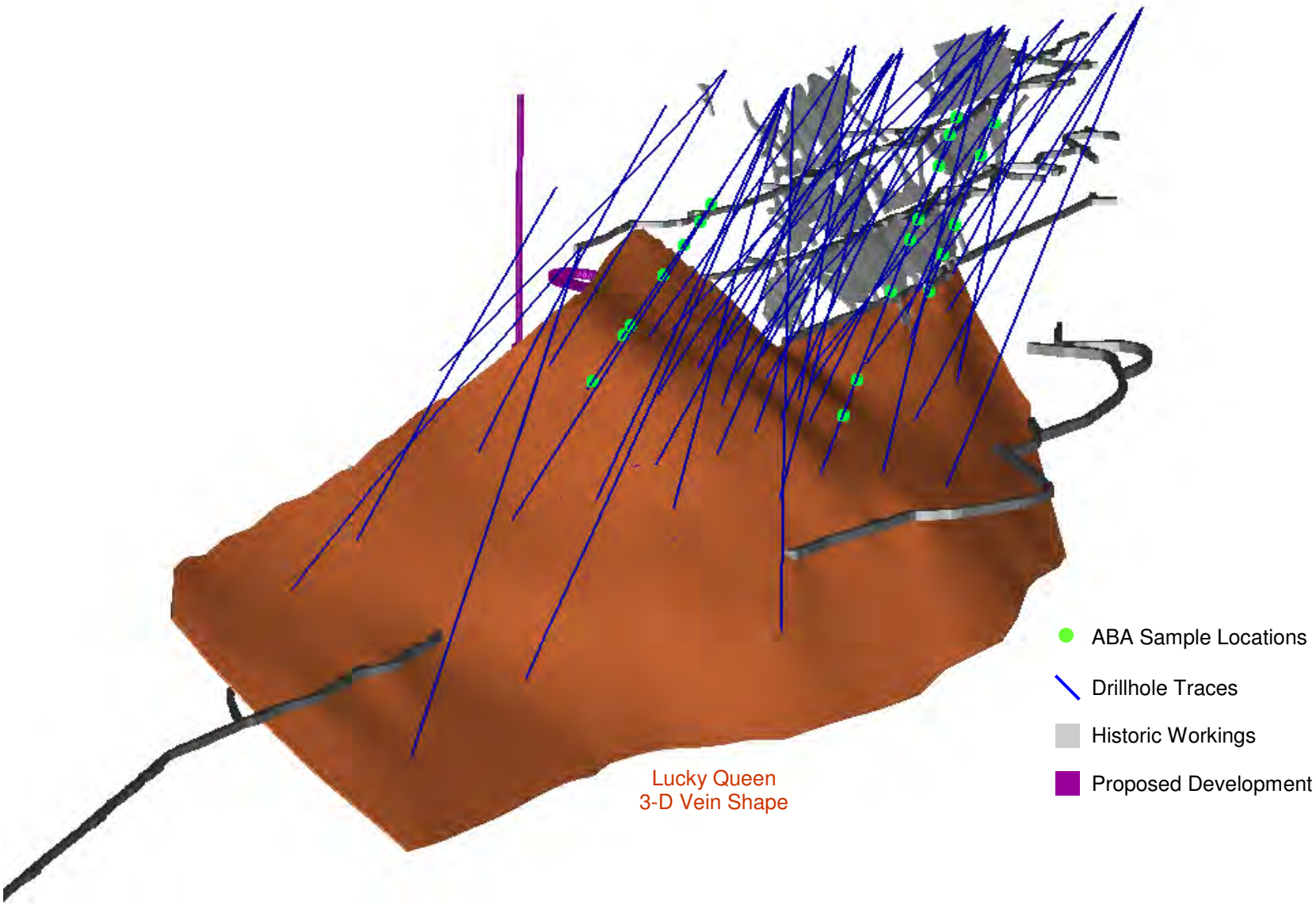
Lucky Queen Cross-Section C, looking north-east



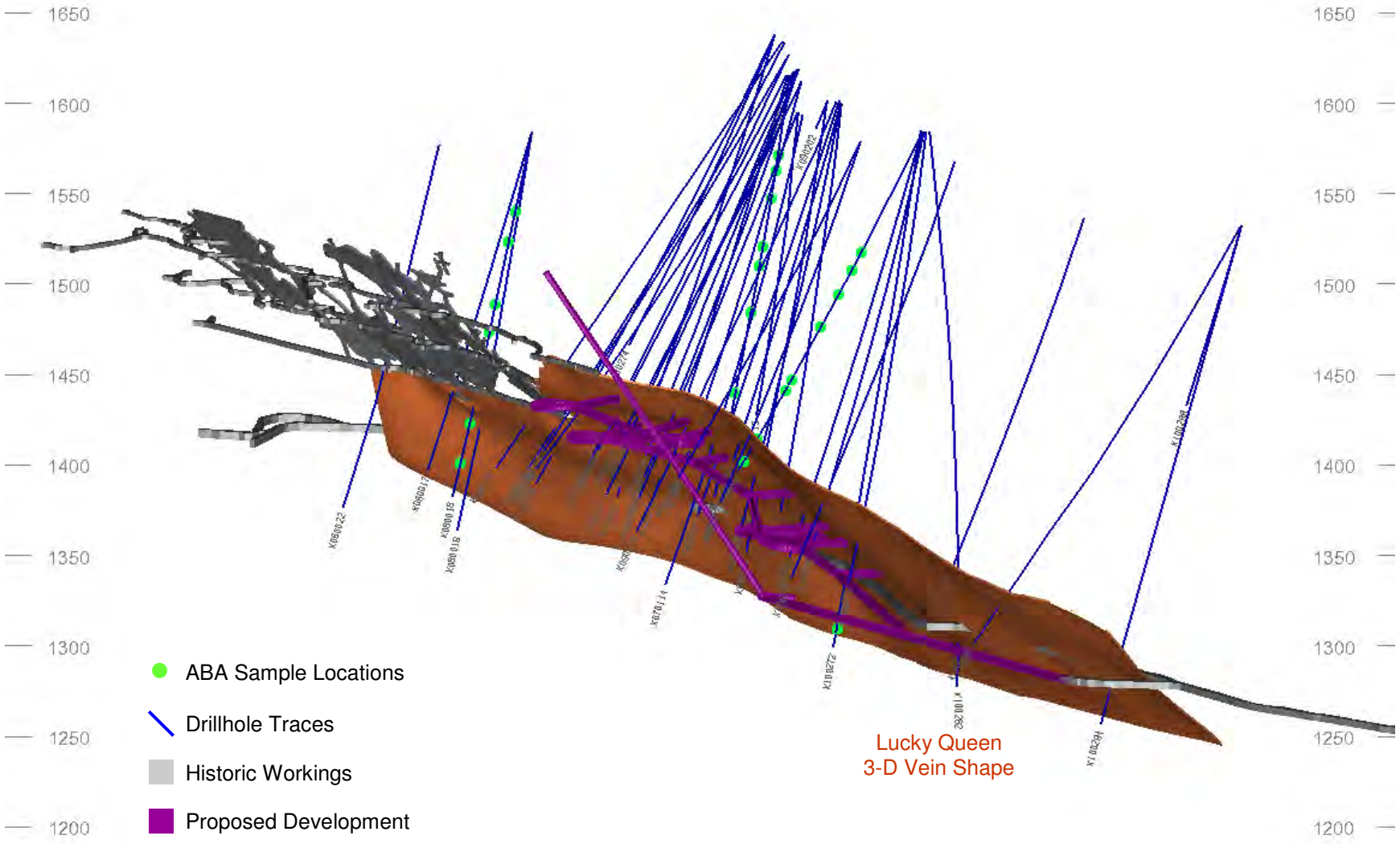
Lucky Queen Longitudinal View, looking north-west



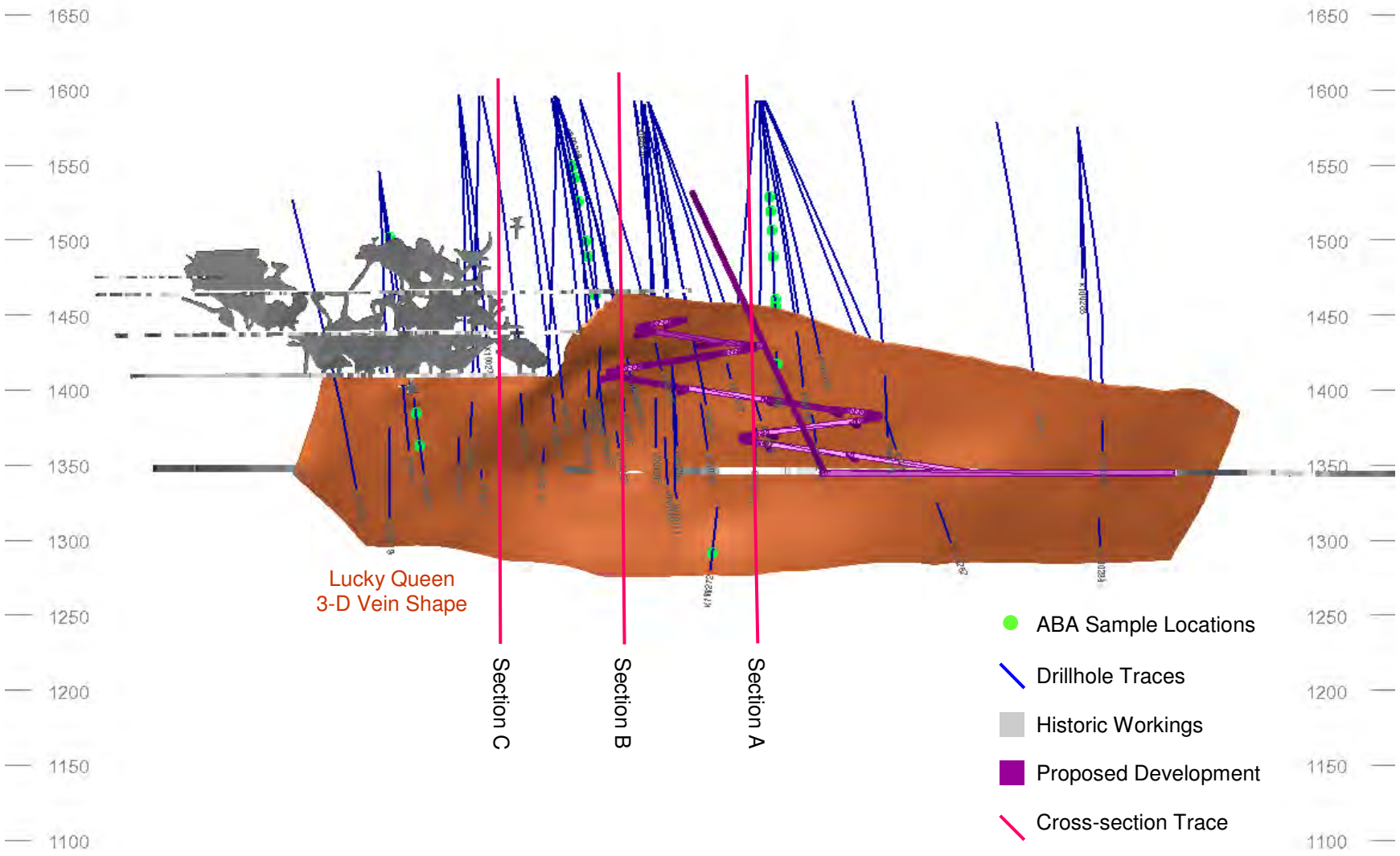
Lucky Queen Oblique View, looking north-northeast



Lucky Queen Oblique View, looking south-southeast



Lucky Queen Longitudinal View, looking from footwall to south-east



Appendix K

A TETRA TECH COMPANY

November 29, 2011

ISSUED FOR REVIEW
EBA FILE: W14101656
Via Email: lhaney@alexcoresource.com

Access Consulting Group
3-151 Industrial Road
Whitehorse, YT Y1A 2V3

Attention: Lauren Haney – Manager, Environmental Permitting

Subject: Lucky Queen Waste Rock Extension – Conceptual Design
Keno City, Yukon

This "Issued for Review" document is provided solely for the purpose of client review and presents our findings and recommendations to date. Our findings and recommendations are provided only through an "Issued for Use" document, which will be issued subsequent to this review. You should not rely on the interim recommendations made herein. Once our report is issued for use, the "Issued for Review" document should be either returned to EBA or destroyed.

1.0 INTRODUCTION

Alexco Resource Corporation (Alexco) retained EBA, A Tetra Tech Company (EBA), to complete a conceptual design of the proposed waste rock extension at their Lucky Queen property near Keno City, Yukon.

This report summarizes the subsurface conditions encountered during a site investigation, design assumptions, stability calculations and the conceptual design for the Lucky Queen waste rock extension. For additional conditions regarding this report, please refer to EBA's General Conditions included in Appendix A.

Authorization to proceed with this work was received from Ms. Lauren Haney in an email dated November 7, 2011.

1.1 Scope of Services

As per the email proposal sent to Ms. Lauren Haney on November 4, 2011, EBA's scope of services for this project is as follows:

- Review existing information and figures from Alexco;
- Excavate two (2) testpits on the subject site to determine the subsurface conditions;
- Prepare a preliminary model of the waste rock extension using estimated volumes provided by Alexco;
- Conduct preliminary slope stability modeling of the waste rock extension; and
- Prepare a conceptual engineering design report for permitting submission.

EBA, A Tetra Tech Company
Calcite Business Centre, Unit 6, 151 Industrial Road
Whitehorse, YT Y1A 2V3 CANADA
p. 867.668.3068 f. 867.668.4349

2.0 SITE INVESTIGATION

EBA conducted a site investigation to determine the subsurface soil conditions at the subject site. The approximate UTM (NAD 83 datum) coordinates of the site are 7,090,600 N and 486,500 E in Zone 8 on the mapsheet 105 M/14. The site location is shown on Figure 1, the proposed extension footprint, and testpit locations are shown on Figure 2.

Two testpits were excavated on September 30, 2011 using a CAT 325 excavator. EBA's representative on site was Mr. Justin Pigage, EIT. The testpits were excavated in the accessible southern portion of the proposed footprint and are assumed to be representative of conditions throughout the site. Disturbed grab samples from the testpit walls and excavator bucket were collected and returned to EBA's Whitehorse laboratory for moisture content testing. Test results are presented on the testpit logs in Appendix B.

3.0 SITE CONDITIONS

3.1 Subsurface Conditions

The subsurface conditions were determined from the two testpits excavated on the southern portion of the site. A summary of subsurface conditions is presented in Table 1.

Table 1: Subsurface Soil Conditions – Lucky Queen Waste Rock Extension

Soil Type	Strata Depth Range (m)	
	TP-01	TP-02
Organic Cover	0.0 – 0.1	0.0 – 0.1
Sand and Gravel – silty	0.1 – 4.5	0.1 – 2.0
Bedrock – fractured	–	2.0 – 3.0
End of Testpit	4.5	3.0

General subsurface conditions consist of a thin organic layer underlain by a silty sand and gravel layer underlain by bedrock. Bedrock was not encountered in TP-01 and the testpit was terminated at the extent of the excavator, approximately 4.5 m. Bedrock was encountered in TP-02 at a depth of 2.0 m. The bedrock was fractured near its surface but became competent forcing refusal at 3.0 m. Detailed testpit logs are presented in Appendix B.

3.2 Groundwater

Groundwater was not encountered during the investigation.

3.3 Permafrost

Permafrost was not encountered during the investigation.

3.4 Bedrock

Fractured bedrock was encountered in TP-02 at a depth of 2.0 m. The bedrock became competent forcing refusal at 3.0 m.

4.0 LUCKY QUEEN WASTE ROCK EXTENSION

Alexco is proposing to extend the existing waste rock pile at their Lucky Queen property. This section summarizes the design assumptions, stability calculations, and conceptual design of the waste rock extension.

4.1 Waste Rock Extension Design Assumptions

Alexco provided the following assumptions to EBA for use in the conceptual design of the waste rock extension:

- Total volume of waste rock to be stored is 30,000 m^3

EBA's conceptual design assumptions are as follows:

- Placed density of waste rock will be 1,800 kg/m^3;
- Internal friction angle of 36 degrees for waste rock;
- Waste rock is cohesionless;
- Foundation soils for the waste rock are 4.5 m of silty sand and gravel with a bulk unit weight of 2,150 kg/m^3 and an internal friction angle of 32 degrees underlain by bedrock;
- Shear failure will not occur through the bedrock; and
- Design seismic event is 1:500 year return period, as recommended in Mined Rock and Overburden Piles Investigation and Design Manual (BC Mine Waste Rock Pile Research Committee, 1991).

4.2 Waste Rock Extension Stability Calculations

The stability of the waste rock extension was checked using Geostudio 2007 – SlopeW. The factors of safety calculated for the waste rock extension and the guidelines set forth by the BC Mine Waste Rock Pile Research Committee (1991) are summarized in Table 2.

Table 2: Lucky Queen Waste Rock Extension – Slope Stability Factor of Safety Summary

Stability Condition	Factor of Safety	
	Suggested Minimum[1]	Calculated
Stability of Surface		
Short Term (during construction)	1.0	1.4
Long-Term (reclamation – abandonment)	1.1	1.4
Deep-Seated Stability		
Short Term (static)	1.1 – 1.3	1.4
Long-Term (static)	1.3	1.4
Pseudo-Static	1.0	1.0

1. Suggested minimum from the BC Mine Waste Rock Pile Research Committee (1991)

4.3 Waste Rock Extension Conceptual Design

The conceptual design footprint and a cross-section used for slope stability modeling are presented in Figure 2. The waste rock extension will be constructed as a benched dump; the lower bench will be constructed first with a crest elevation of 1320 m and a slope to existing ground surface of 2.5H:1V. The toe of the upper bench will be set back at least 14 m from the crest of the lower bench. The upper bench will have a maximum height of 10 m (crest elevation approximately matching existing structure at 1330 m). The upper bench will be constructed with a 1.4H:1V slope, similar to the natural angle of repose of the waste rock.

5.0 LIMITATIONS OF REPORT

This report and its contents are intended for the sole use of Alexco Resource Corporation and their agents. EBA, A Tetra Tech Company, does not accept any responsibility for the accuracy of any of the data, the analysis, or the recommendations contained or referenced in the report when the report is used or relied upon by any Party other than Alexco Resource Corporation, or for any Project other than the proposed development at the subject site. Any such unauthorized use of this report is at the sole risk of the user. Use of this report is subject to the terms and conditions stated in EBA's General Conditions provided in Appendix A of this report.

6.0 CLOSURE

We trust this report meets your present requirements. Should you have any questions or comments, please contact the undersigned.

Sincerely,
EBA, A Tetra Tech Company

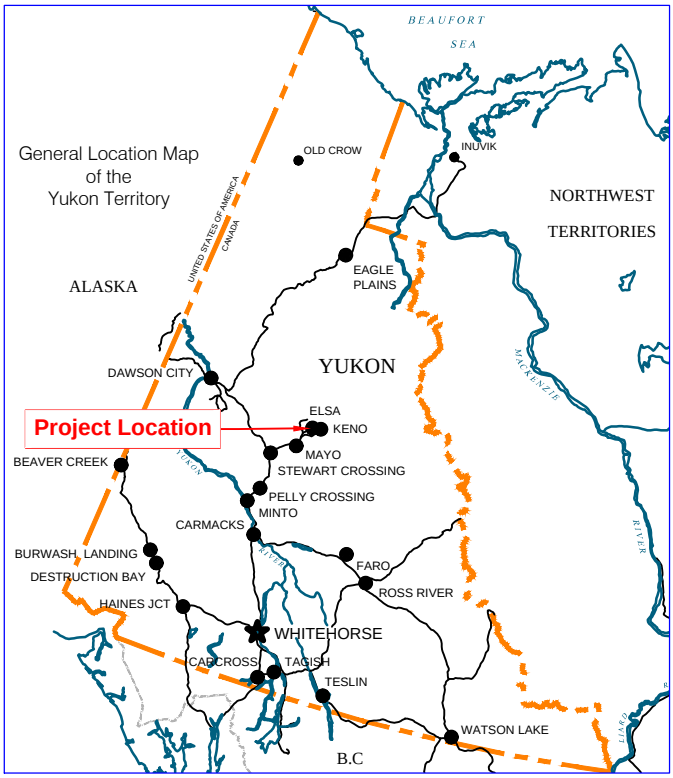
Justin Pigage, EIT
Geotechnical Engineer, Arctic Region
Direct Line: 867.668.2071 x244
jpigage@eba.ca

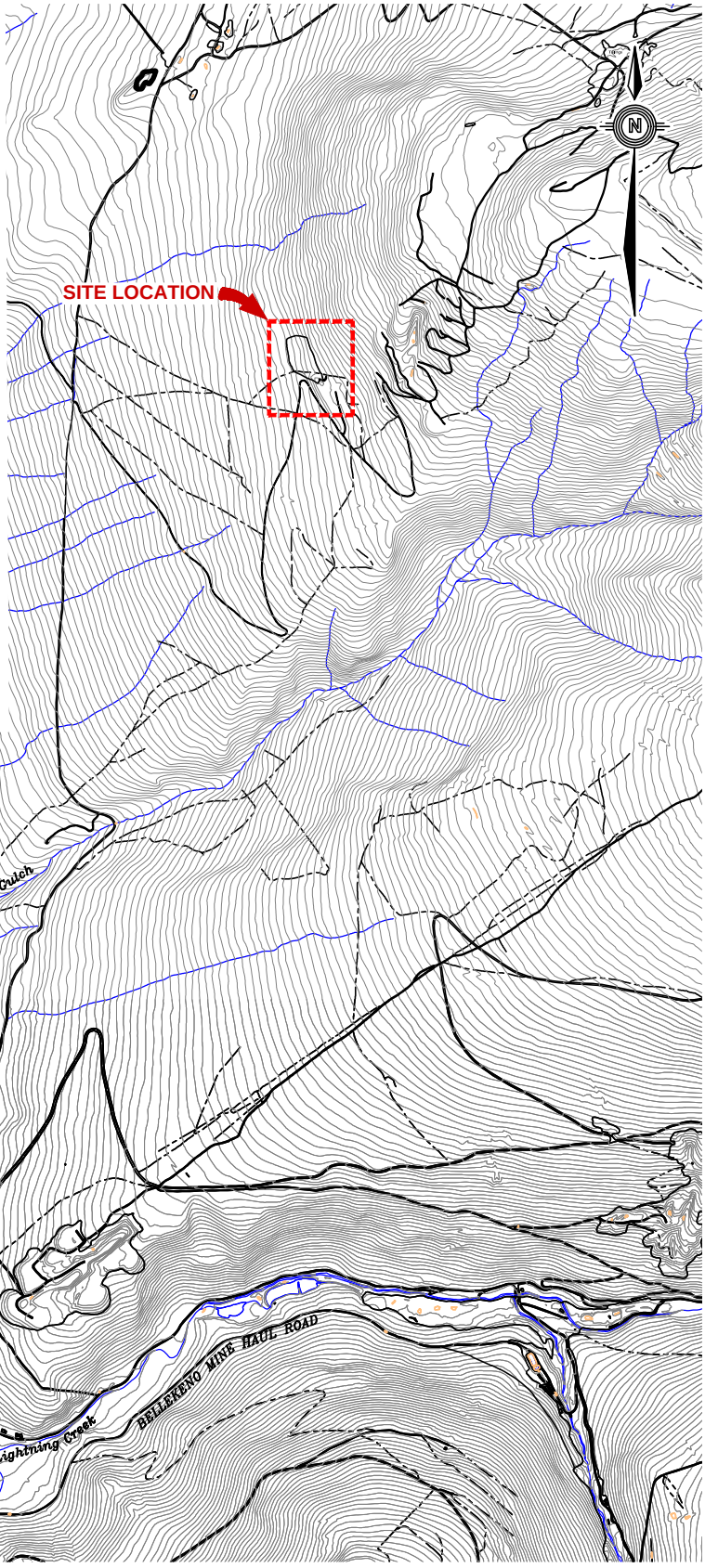
Chad Cowan, P.Eng.
Project Director – Yukon, Arctic Region
Direct Line: 867.668.2071 x229
ccowan@eba.ca

FIGURES

Figure 1 Location Plan

Figure 2 Site Plan Showing Design Footprint and Testpit Locations





0 1 000

Scale: 1: 25 000 (metres)

CLIENT

ALEXCO

WASTE ROCK EXTENSION - CONCEPTUAL DESIGN
LUCKY QUEEN - NEAR KENO CITY, YUKON

LOCATION PLAN

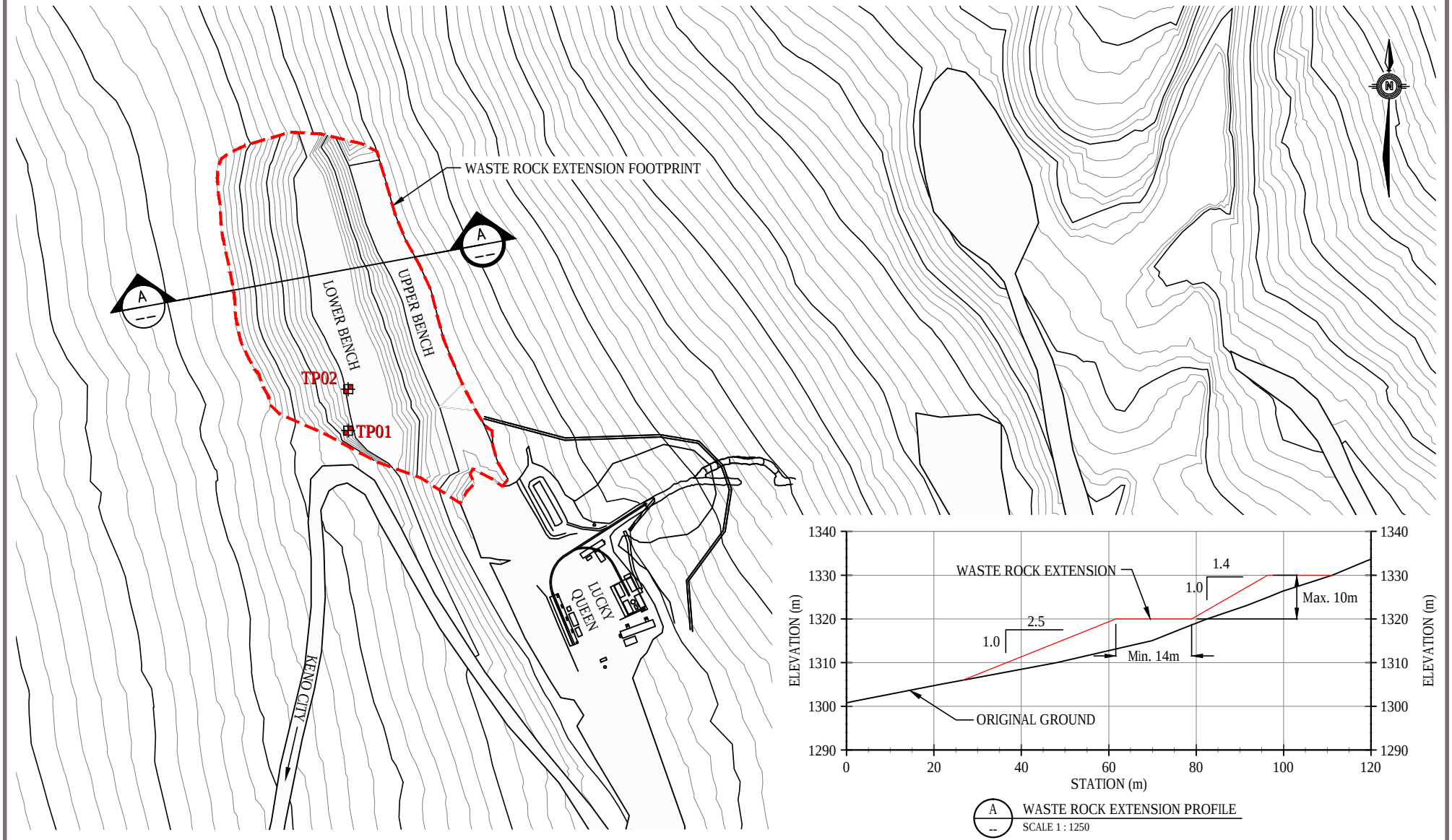
eba
A TETRA TECH COMPANY

PROJECT NO.	DWN	CKD	REV
W14101656	CB	JTP	0

OFFICE	DATE
EBA-WHSE	November 23, 2011

Figure 1

Q:\Whitehorse\Data\020tdrawings\Elsa\W14101656 Onek Portal Bench\W14101656 Fig_1_R1.dwg [FIGURE 1] November 29, 2011 - 12:02:21 pm (BY: BUCHAN, CAMERON)



A — WASTE ROCK EXTENSION PROFILE
SCALE 1 : 1250

LEGEND:

- DESIGN FOOTPRINT
- TESTPIT LOCATION

0 100

Scale: 1: 2 500 (metres)

CLIENT

ALEXCO

WASTE ROCK EXTENSION - CONCEPTUAL DESIGN
LUCKY QUEEN - NEAR KENO CITY, YUKON

SITE PLAN SHOWING
DESIGN FOOTPRINT AND TESTPIT LOCATIONS

eba
A TETRA TECH COMPANY

PROJECT NO.	DWN	CKD	REV
W14101656	CB	JTP	0

OFFICE	DATE
EBA-WHSE	November 23, 2011

Figure 2

APPENDIX A

APPENDIX A EBA'S GENERAL CONDITIONS

GENERAL CONDITIONS

GEOTECHNICAL REPORT

This report incorporates and is subject to these "General Conditions".

1.0 USE OF REPORT AND OWNERSHIP

This geotechnical report pertains to a specific site, a specific development and a specific scope of work. It is not applicable to any other sites nor should it be relied upon for types of development other than that to which it refers. Any variation from the site or development would necessitate a supplementary geotechnical assessment.

This report and the recommendations contained in it are intended for the sole use of EBA's Client. EBA does not accept any responsibility for the accuracy of any of the data, the analyses or the recommendations contained or referenced in the report when the report is used or relied upon by any party other than EBA's Client unless otherwise authorized in writing by EBA. Any unauthorized use of the report is at the sole risk of the user.

This report is subject to copyright and shall not be reproduced either wholly or in part without the prior, written permission of EBA. Additional copies of the report, if required, may be obtained upon request.

2.0 ALTERNATE REPORT FORMAT

Where EBA submits both electronic file and hard copy versions of reports, drawings and other project-related documents and deliverables (collectively termed EBA's instruments of professional service), only the signed and/or sealed versions shall be considered final and legally binding. The original signed and/or sealed version archived by EBA shall be deemed to be the original for the Project.

Both electronic file and hard copy versions of EBA's instruments of professional service shall not, under any circumstances, no matter who owns or uses them, be altered by any party except EBA. EBA's instruments of professional service will be used only and exactly as submitted by EBA.

Electronic files submitted by EBA have been prepared and submitted using specific software and hardware systems. EBA makes no representation about the compatibility of these files with the Client's current or future software and hardware systems.

3.0 ENVIRONMENTAL AND REGULATORY ISSUES

Unless stipulated in the report, EBA has not been retained to investigate, address or consider and has not investigated, addressed or considered any environmental or regulatory issues associated with development on the subject site.

4.0 NATURE AND EXACTNESS OF SOIL AND ROCK DESCRIPTIONS

Classification and identification of soils and rocks are based upon commonly accepted systems and methods employed in professional geotechnical practice. This report contains descriptions of the systems and methods used. Where deviations from the system or method prevail, they are specifically mentioned.

Classification and identification of geological units are judgmental in nature as to both type and condition. EBA does not warrant conditions represented herein as exact, but infers accuracy only to the extent that is common in practice.

Where subsurface conditions encountered during development are different from those described in this report, qualified geotechnical personnel should revisit the site and review recommendations in light of the actual conditions encountered.

5.0 LOGS OF TESTHOLES

The testhole logs are a compilation of conditions and classification of soils and rocks as obtained from field observations and laboratory testing of selected samples. Soil and rock zones have been interpreted. Change from one geological zone to the other, indicated on the logs as a distinct line, can be, in fact, transitional. The extent of transition is interpretive. Any circumstance which requires precise definition of soil or rock zone transition elevations may require further investigation and review.

6.0 STRATIGRAPHIC AND GEOLOGICAL INFORMATION

The stratigraphic and geological information indicated on drawings contained in this report are inferred from logs of test holes and/or soil/rock exposures. Stratigraphy is known only at the locations of the test hole or exposure. Actual geology and stratigraphy between test holes and/or exposures may vary from that shown on these drawings. Natural variations in geological conditions are inherent and are a function of the historic environment. EBA does not represent the conditions illustrated as exact but recognizes that variations will exist. Where knowledge of more precise locations of geological units is necessary, additional investigation and review may be necessary.

7.0 PROTECTION OF EXPOSED GROUND

Excavation and construction operations expose geological materials to climatic elements (freeze/thaw, wet/dry) and/or mechanical disturbance which can cause severe deterioration. Unless otherwise specifically indicated in this report, the walls and floors of excavations must be protected from the elements, particularly moisture, desiccation, frost action and construction traffic.

8.0 SUPPORT OF ADJACENT GROUND AND STRUCTURES

Unless otherwise specifically advised, support of ground and structures adjacent to the anticipated construction and preservation of adjacent ground and structures from the adverse impact of construction activity is required.

9.0 INFLUENCE OF CONSTRUCTION ACTIVITY

There is a direct correlation between construction activity and structural performance of adjacent buildings and other installations. The influence of all anticipated construction activities should be considered by the contractor, owner, architect and prime engineer in consultation with a geotechnical engineer when the final design and construction techniques are known.

10.0 OBSERVATIONS DURING CONSTRUCTION

Because of the nature of geological deposits, the judgmental nature of geotechnical engineering, as well as the potential of adverse circumstances arising from construction activity, observations during site preparation, excavation and construction should be carried out by a geotechnical engineer. These observations may then serve as the basis for confirmation and/or alteration of geotechnical recommendations or design guidelines presented herein.

11.0 DRAINAGE SYSTEMS

Where temporary or permanent drainage systems are installed within or around a structure, the systems which will be installed must protect the structure from loss of ground due to internal erosion and must be designed so as to assure continued performance of the drains. Specific design detail of such systems should be developed or reviewed by the geotechnical engineer. Unless otherwise specified, it is a condition of this report that effective temporary and permanent drainage systems are required and that they must be considered in relation to project purpose and function.

12.0 BEARING CAPACITY

Design bearing capacities, loads and allowable stresses quoted in this report relate to a specific soil or rock type and condition. Construction activity and environmental circumstances can materially change the condition of soil or rock. The elevation at which a soil or rock type occurs is variable. It is a requirement of this report that structural elements be founded in and/or upon geological materials of the type and in the condition assumed. Sufficient observations should be made by qualified geotechnical personnel during construction to assure that the soil and/or rock conditions assumed in this report in fact exist at the site.

13.0 SAMPLES

EBA will retain all soil and rock samples for 30 days after this report is issued. Further storage or transfer of samples can be made at the Client's expense upon written request, otherwise samples will be discarded.

14.0 INFORMATION PROVIDED TO EBA BY OTHERS

During the performance of the work and the preparation of the report, EBA may rely on information provided by persons other than the Client. While EBA endeavours to verify the accuracy of such information when instructed to do so by the Client, EBA accepts no responsibility for the accuracy or the reliability of such information which may affect the report.

APPENDIX B

APPENDIX B TESTPIT LOGS

Geotechnical Investigation	CLIENT: Alexco Resource Corporation	TESTPIT NO: W14101656-TP01
Lucky Queen Waste Rock Extension	EXCAVATOR: CAT 325 Excavator	PROJECT NO: W14101656
Keno City, YT	7090597N; 486509E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	GROUND ICE DESCRIPTION AND COMMENTS	SPT (N) 20 40 60 80 / PLASTIC M.C. LIQUID 20 40 60 80	CLAY (%) 20 40 60 80 / SILT (%) 20 40 60 80 / SAND (%) 20 40 60 80 / GRAVEL (%) 20 40 60 80	Depth (ft)
0	ORGANIC COVER			UNFROZEN			0
	SAND and GRAVEL - some silt, damp, loose (est.), brown, organics throughout		SA01		●		
1	- organics end, cobbles throughout						
	- hard digging, sub-angular cobbles, occasional boulders						5
2			SA02		●		
3	- becomes dry						10
4			SA03		●		
	END OF TESTPIT @ 4.5 m (Machine Extent)						15
5							16

eba A TETRA TECH COMPANY	LOGGED BY: JTP	COMPLETION DEPTH: 4.5m
	REVIEWED BY: JRT	COMPLETE: 9/30/2011
	DRAWING NO: Figure 1	Page 1 of 1

Geotechnical Investigation	CLIENT: Alexco Resource Corporation	TESTPIT NO: W14101656-TP02
Lucky Queen Waste Rock Extension	EXCAVATOR: CAT 325 Excavator	PROJECT NO: W14101656
Keno City, YT	7090616N; 486509E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	GROUND ICE DESCRIPTION AND COMMENTS	SPT (N) 20 40 60 80 / PLASTIC M.C. LIQUID 20 40 60 80	CLAY (%) 20 40 60 80 / SILT (%) 20 40 60 80 / SAND (%) 20 40 60 80 / GRAVEL (%) 20 40 60 80	Depth (ft)
0	ORGANIC COVER			UNFROZEN			0
	SAND and GRAVEL - silty, moist, loose (est.), brown, occasional cobble						
1			SA04		●		
	- becomes some silt, cobbles throughout						5
2	BEDROCK - fractured, dry, grey						
			SA05		●		
	- hard digging, becomes competent						
3	END OF TESTPIT @ 3.0 m (Refusal)						10
4							
							15
5							16

eba A TETRA TECH COMPANY	LOGGED BY: JTP	COMPLETION DEPTH: 3m
	REVIEWED BY: JRT	COMPLETE: 9/30/2011
	DRAWING NO: Figure 1	Page 1 of 1

Appendix L

Appendix L-1. Lucky Queen Adit
(KV-34) Discharge Water Quality

Sample Date	pH-Lab	Conductivity (lab)	Discharge	TSS	Total Hardness	Dissolved Hardness	Alk-T	N-NH3	N-NO2	N-NO3	C-DOC	P-PO4-T	SO4-D	Al-T	Sb-T	As-T	Ba-T	Be-T	Bi-T	B-T	Cd-T	Ca-T	Cr-T
	pH units	µS/cm	L/s	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Type A WUL QZ09-092 BK Mine	6.5-9.5			25				5								0.1					0.01		
26-May-11			0																				
30-Aug-11	7.87	464		12	207	199	160	0.16	0.2	0.32	0.8	0.012	81	0.14	0.0015	0.004	0.048	<0.0002	<0.001	<0.1	0.0012	57	0.004
6-Sep-11	8.2	400		10	162	186	140	0.33	0.72	0.42	4.3	0.055	69	0.17	0.0023	0.007	0.035	<0.0002	<0.001	<0.1	0.0004	46	0.008
13-Sep-11	7.82	433		2	223	190	120	0.017	0.007	0.48	0.9	0.008	100	0.09	0.0005	0.0023	0.019	<0.0002	<0.001	<0.1	0.0027	60	<0.002
23-Sep-11			0.65																				
11-Oct-11	8.12	545		59	270	261	170	0.018	<0.005	0.28	1	0.013	123	0.08	<0.0005	0.0022	0.023	<0.0002	<0.001	<0.1	0.0018	73	0.013
25-Oct-11	7.76	516		4	257	243	160	0.02	0.009	0.37	0.6	0.007	115	0.02	<0.0005	0.001	0.01	<0.0002	<0.001	<0.1	0.0008	69	<0.002
1-Nov-11	7.71	698		4	366	368	230	0.26	<0.05	<0.2	1	0.003	157	0.15	<0.0005	0.0016	0.021	<0.0002	<0.001	<0.1	0.0011	97	<0.002
8-Nov-11	8.13	688		18.2	403	357	239	0.22	<0.005	<0.020	1.3	0.028	157	0.88	0.0019	0.0065	0.037	<0.0002	<0.001	<0.1	0.0008	108	0.014
15-Nov-11	9.28	391		46.4	215	212	32.1	0.12	0.034	0.159	12.5	0.06	155	0.37	0.0027	0.0081	0.089	<0.0002	<0.001	<0.1	0.0011	74	0.034
6-Dec-11	7.72	701		36.5	410	412	235	0.0065	0.008	<0.020	2.38	0.022	137	0.09	0.0005	0.0015	0.014	<0.0002	<0.001	<0.1	0.0004	105	<0.002
14-Dec-11			0																				
10-Jan-12	8.11	829		214	392	422	206	0.36	0.324	0.7	3.27	0.192	182	1.46	0.0042	0.0137	0.042	<0.0002	<0.001	<0.1	0.0034	105	0.006
17-Jan-12			0.34																				
18-Jan-12			0.38																				
20-Jan-12			0.26																				
26-Jan-12			0.3																				
27-Jan-12			0.45																				
28-Jan-12			0.23																				
3-Feb-12			0.38																				
5-Feb-12			0.42																				
7-Feb-12			0.38																				
8-Feb-12			0.38																				
10-Feb-12			0.38																				

Appendix L-1. Lucky Queen Adit
(KV-34) Discharge Water Quality

Sample Date	Co-T	Cu-T	Fe-T	Pb-T	Li-T	Mg-T	Mn-T	Hg-T	Mo-T	Ni-T	P-T	K-T	Se-T	Si-T	Ag-T	Na-T	Sr-T	S-T	Tl-T	Sn-T	Ti-T	U-T	V-T
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Type A WUL QZ09-092 BK Mine		0.1		0.2						0.5					0.01								
26-May-11																							
30-Aug-11	0.0006	0.003	0.51	0.0037	<0.01	16	0.241	<0.0002	<0.001	0.004	0.05	1	<0.0008	6	0.001	7	0.203	<60	<0.00005	<0.005	<0.01	0.0047	<0.005
6-Sep-11	0.0007	0.005	0.58	0.0046	<0.01	11	0.167	<0.0002	0.003	0.002	0.05	3	<0.0008	7	0.0013	13	0.213	<60	<0.00005	<0.005	<0.01	0.0029	<0.005
13-Sep-11	0.0012	0.002	0.42	0.0158	<0.01	18	0.799	<0.0002	<0.001	0.017	<0.04	<1	<0.0008	4	0.0003	3	0.147	<60	<0.00005	<0.005	<0.01	0.0052	<0.005
23-Sep-11																							
11-Oct-11	0.0005	0.006	0.21	0.0084	<0.01	22	0.368	<0.0002	0.002	0.009	<0.04	<1	<0.0008	4	0.0002	5	0.22	<60	<0.00005	<0.005	<0.01	0.007	<0.005
25-Oct-11	0.0008	0.001	0.29	0.0016	<0.01	21	0.224	<0.0002	<0.001	0.009	<0.04	<1	<0.0008	3	<0.0001	1	0.127	<60	<0.00005	<0.005	<0.01	0.007	<0.005
1-Nov-11	0.0005	0.004	0.38	0.0237	<0.01	30	0.34	<0.0002	<0.001	0.009	<0.04	<1	<0.0008	3	0.0001	1	0.214	<60	<0.00005	<0.005	<0.01	0.0099	<0.005
8-Nov-11	0.0019	0.01	2.14	0.0154	<0.01	32	0.485	<0.0002	0.001	0.011	0.04	<1	<0.0008	8	0.0002	3	0.308	<60	<0.00005	<0.005	0.04	0.0101	<0.005
15-Nov-11	0.0018	0.008	1.96	0.0305	<0.01	7	0.328	<0.0002	0.009	0.008	0.07	3	0.0009	9	0.0005	12	0.7	<60	<0.00005	<0.005	0.01	0.0007	0.005
6-Dec-11	0.0006	0.002	0.99	0.0148	<0.01	36	0.314	<0.0002	<0.001	0.007	<0.04	<1	<0.0008	3	0.0001	2	0.221	<60	<0.00005	<0.005	<0.01	0.0116	<0.005
14-Dec-11																							
10-Jan-12	0.0077	0.011	7.44	0.0925	<0.01	31	3.09	<0.0002	0.003	0.034	0.14	2	<0.0008	5	0.0014	4	0.248	77	0.00013	<0.005	0.04	0.0093	<0.005
17-Jan-12																							
18-Jan-12																							
20-Jan-12																							
26-Jan-12																							
27-Jan-12																							
28-Jan-12																							
3-Feb-12																							
5-Feb-12																							
7-Feb-12																							
8-Feb-12																							
10-Feb-12																							

Appendix L-1. Lucky Queen Adit
(KV-34) Discharge Water Quality

Sample Date	Zn-T	Zr-T	Al-D	Sb-D	As-D	Ba-D	Be-D	Bi-D	B-D	Cd-D	Ca-D	Cr-D	Co-D	Cu-D	Fe-D	Pb-D	Li-D	Mg-D	Mn-D	Hg-D	Mo-D
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Type A WUL QZ09-092 BK Mine	0.5																				
26-May-11																					
30-Aug-11	0.21	<0.002	0.02	0.0015	0.0014	0.043	<0.0002	<0.001	<0.1	0.0011	56	<0.002	<0.0005	<0.001	<0.02	<0.0002	<0.01	15	0.22	<0.0002	0.001
6-Sep-11	0.04	<0.002	0.05	0.0023	0.0058	0.034	<0.0002	<0.001	<0.1	0.0001	55	0.007	0.0005	0.002	0.05	<0.0002	<0.01	12	0.142	<0.0002	0.003
13-Sep-11	0.22	<0.002	<0.01	<0.0005	0.0006	0.016	<0.0002	<0.001	<0.1	0.0019	52	<0.002	0.0011	<0.001	<0.02	0.0003	<0.01	14	0.665	<0.0002	<0.001
23-Sep-11																					
11-Oct-11	0.13	<0.002	<0.01	<0.0005	0.0013	0.021	<0.0002	<0.001	<0.1	0.0014	68	0.013	<0.0005	0.002	<0.02	0.0003	<0.01	22	0.338	<0.0002	0.002
25-Oct-11	0.16	<0.002	<0.01	<0.0005	<0.0004	0.011	<0.0002	<0.001	<0.1	0.0007	62	<0.002	0.0007	<0.001	<0.02	0.0003	<0.01	21	0.22	<0.0002	<0.001
1-Nov-11	0.1	<0.002	<0.01	<0.0005	<0.0004	0.019	<0.0002	<0.001	<0.1	0.0008	96	<0.002	<0.0005	0.001	0.03	0.0011	<0.01	31	0.307	<0.0002	<0.001
8-Nov-11	0.11	0.003	0.07	0.0006	0.0022	0.029	<0.0002	<0.001	<0.1	0.0003	93	0.012	<0.0005	0.001	0.09	0.0042	<0.01	30	0.094	<0.0002	0.001
15-Nov-11	0.1	<0.002	<0.01	0.0014	0.0015	0.085	<0.0002	<0.001	<0.1	<0.0001	77	0.035	<0.0005	0.004	0.02	0.001	<0.01	5	<0.001	<0.0002	0.009
6-Dec-11	0.05	<0.002	<0.01	<0.0005	<0.0004	0.015	<0.0002	<0.001	<0.1	0.0001	107	<0.002	<0.0005	<0.001	0.04	0.0004	<0.01	35	0.247	<0.0002	<0.001
14-Dec-11																					
10-Jan-12	0.3	0.002	0.02	0.0014	0.0007	0.021	<0.0002	<0.001	<0.1	<0.0001	112	<0.002	0.0046	<0.001	0.05	0.0007	<0.01	35	2.58	<0.0002	0.002
17-Jan-12																					
18-Jan-12																					
20-Jan-12																					
26-Jan-12																					
27-Jan-12																					
28-Jan-12																					
3-Feb-12																					
5-Feb-12																					
7-Feb-12																					
8-Feb-12																					
10-Feb-12																					

Appendix L-1. Lucky Queen Adit (KV-34) Discharge Water Quality

Sample Date	Ni-D	P-D	K-D	Se-D	Si-D	Ag-D	Na-D	Sr-D	S-D	Tl-D	Sn-D	Ti-D	U-D	V-D	Zn-D	Zr-D	R-226
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	Bq/L
Type A WUL QZ09-092 BK Mine																	0.37
26-May-11																	
30-Aug-11	0.003	<0.04	1	<0.0008	6	<0.0001	7	0.191	<60	<0.00005	<0.005	<0.01	0.0043	<0.005	0.19	<0.002	
6-Sep-11	0.002	0.04	3	<0.0008	9	0.0007	14	0.217	<60	<0.00005	<0.005	<0.01	0.0028	<0.005	<0.01	<0.002	<0.01
13-Sep-11	0.015	<0.04	<1	<0.0008	3	<0.0001	3	0.134	<60	<0.00005	<0.005	<0.01	0.0047	<0.005	0.17	<0.002	<0.01
23-Sep-11																	
11-Oct-11	0.009	<0.04	<1	<0.0008	4	<0.0001	5	0.201	<60	<0.00005	<0.005	<0.01	0.0067	<0.005	0.09	<0.002	<0.01
25-Oct-11	0.009	<0.04	<1	<0.0008	3	<0.0001	1	0.144	<60	<0.00005	<0.005	<0.01	0.0078	<0.005	0.17	<0.002	
1-Nov-11	0.008	<0.04	<1	<0.0008	3	<0.0001	1	0.22	<60	<0.00005	<0.005	<0.01	0.01	<0.005	0.08	<0.002	<0.01
8-Nov-11	0.006	<0.04	<1	<0.0008	7	<0.0001	3	0.281	<60	<0.00005	<0.005	<0.01	0.0101	<0.005	0.02	<0.002	<0.01
15-Nov-11	0.003	<0.04	3	0.001	8	<0.0001	13	0.761	<60	<0.00005	<0.005	<0.01	<0.0001	<0.005	<0.01	<0.002	<0.01
6-Dec-11	0.006	<0.04	<1	<0.0008	3	<0.0001	2	0.212	<60	<0.00005	<0.005	<0.01	0.0121	<0.005	0.03	<0.002	<0.01
14-Dec-11																	
10-Jan-12	0.021	<0.04	2	<0.0008	4	<0.0001	4	0.258	92	<0.00005	<0.005	<0.01	0.0093	<0.005	0.02	<0.002	
17-Jan-12																	
18-Jan-12																	
20-Jan-12																	
26-Jan-12																	
27-Jan-12																	
28-Jan-12																	
3-Feb-12																	
5-Feb-12																	
7-Feb-12																	
8-Feb-12																	
10-Feb-12																	

Appendix L-2. Onek 400 Level Adit
Discharge (KV-45) Water Quality

Station Name	Sample Date	pH Field	Conductivity (lab)	Temp (field)	Discharge	TSS	Hardness Total	Total Alkalinity	Ammonia (N)	Nitrite (N)	Nitrate (N)	C-DOC	Dissolved Hardness	P-PO4-T	SO4-D	Al-T	Sb-T	As-T	Ba-T	Be-T	Bi-T	B-T	Cd-T	Ca-T	Cr-T	Co-T	Cu-T	Fe-T	Pb-T
		pH units	µS/cm	C	L/s	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
KV-45	30/10/1996				0.1																								
KV-45	10/10/1997	6.3		0.5	0.4	9		190							537			0.05					1.21				0.01		0.05
KV-45	10/03/1999															0.01	0.02	0.04	0.007	0.0002			0.54	219	0.001	0.001	0.005	0.569	0.005
KV-45	07/11/2000	7.7		1.8	0.8	35		134							636	0.01	0.02	0.1	0.0069	0.0002			1.7	215	0.001	0.015	0.017	0.914	0.041
KV-45	08/02/2001	7.30	1300			9		170		<0.5	<0.05		681		560	<0.01	<0.05	0.07	0.0078	<0.0005	<0.02		0.682	240	<0.001	0.013	0.006	0.687	0.027
KV-45	07/03/2003															0.02	<0.02	0.12	0.0071	<0.0006	<0.02		0.408	254	<0.001	0.009	0.006	0.78	0.027
KV-45	11/04/2003															<0.01	<0.02	0.09	0.0066	<0.0006	<0.02		0.413	230	0.001	0.008	0.003	0.56	0.009
KV-45	02/08/2003	7.91		2.0		155		206	<0.05	<1	<0.10		634		542	0.89	<0.02	0.23	0.0071	<0.0006	<0.02		0.819	317	<0.001	0.012	0.022	5.27	<0.006
KV-45	12/09/2003															0.01	0.03	0.06	0.0041	<0.0006	<0.02		1.39	184	0.01	0.014	0.012	2.82	0.007
KV-45	31/10/2003															<0.01	0.08	0.23	0.005	<0.0006	<0.02		0.952	220	0.01	0.013	0.018	4.23	0.007
KV-45	27/05/2005															0.005	0.0024	0.0143	0.006	<0.0001	<0.0005	0.005	3.32	169	<0.0005	0.0189	0.004	<0.1	0.0012
KV-45	27/06/2006		1180			22	587	157	0.017	<0.002	0.008				603	<0.005	0.0028	0.0121	0.006	<0.0001	<0.0005	0.004	2.05	201	<0.0005	0.0128	0.003	<0.1	0.0011
KV-45	28/06/2006	6.93	1170	1.7	7.3											<0.01	0.003	0.0233	0.006	<0.0002	<0.001	0.006	2.03	213	<0.001	0.013	0.004	0.4	0.0022
KV-45	24/10/2006	6.7	1180		5.5											<0.01	0.0045	0.019	0.006	<0.0002	<0.001	0.005	0.756	216	<0.001	0.011	0.02	0.2	0.0007
KV-45	11/07/2007	7.39	1180	0.2	3.2											0.006	0.0035	0.0155	0.007	<0.0001	<0.0005	0.007	1.62	186	<0.0005	0.0174	0.004	0.1	0.002
KV-45	07/09/2007	7.08	1180	0.4	2.2											0.17	0.0064	0.312	0.009	<0.0001	<0.0005	0.003	1.2	204	0.001	0.0111	0.037	6.1	0.038
KV-45	14/03/2008	7.29	1080	0.2		12							596			0.006	0.004	0.0237	0.005	<0.0001	<0.0005	0.007	0.424	187	0.0007	0.0077	0.009	0.2	0.0005
KV-45	15/05/2008	7.47	856	2		12							398			0.028	0.0062	0.0681	0.015	<0.0001	<0.0005	0.005	1.88	133	<0.0005	0.0142	0.024	0.8	0.0171
KV-45	04/07/2008	7.21	831	3		22							409			0.006	0.007	0.0659	0.012	<0.0001	<0.0005	0.006	0.58	146	0.0006	0.0114	0.012	0.89	0.0036
KV-45	02/10/2008	7.12	933	1		30							486			0.078	0.0087	0.214	0.014	<0.00004	<0.0001	<0.005	0.918	171	0.0006	0.0107	0.024	5.12	0.0259
KV-45	02/02/2009		914			23							497			0.005	0.0076	0.0497	0.008	<0.00004	<0.0001	<0.005	0.37	184	0.0005	0.00776	0.003	0.5	0.0018
KV-45	07/05/2009	6.42	970	1.9	0.5	13	284						273			0.023	0.0033	0.0523	0.009	<0.0002	<0.0001	<0.1	5.73	94	<0.002	0.0235	0.072	2.27	0.0245
KV-45	05/07/2009	7.46	940	3.5	0.5	55	461						433			0.03	0.0095	0.137	0.008	<0.0002	<0.001	<0.1	1.03	156	<0.002	0.0124	0.036	2.54	0.0206
KV-45	06/10/2009	7.49	937	3.2	1	33	459						431		320	0.046	0.0071	0.0465	0.008	<0.0002	<0.001	<0.1	0.782	155	<0.002	0.0114	0.006	0.907	0.003
KV-45	10/02/2010	7.9	863	1.5		13	474						434		290	<0.01	0.008	0.0406	0.007	<0.0002	<0.001	<0.1	0.377	162	<0.002	0.0084	0.002	0.523	0.0009
KV-45	03/05/2010	7.55	870	2.8	0.75	19	363						402		370	0.018	0.0066	0.0349	0.008	<0.0002	<0.001	<0.1	3.6	122	<0.002	0.0138	0.04	0.659	0.0158
KV-45	06/07/2010	7.59	1150	3	1	41	462						434		520	0.025	0.0083	0.0758	0.01	<0.0002	<0.001	<0.1	3.29	155	<0.002	0.0257	0.072	1.79	0.0167
KV-45	05/10/2010	7.63	944	2	0.75	22	466	160				1.7	477	0.02	400	0.017	0.007	0.0506	0.0079	<0.0001	<0.00005	<0.5	0.684	157	<0.001	0.0112	0.0051	0.933	0.00243
KV-45	08/02/2011	7.84	854	0.3	0.5	8	472	150				<0.5	433	0.004	280	0.012	0.0079	0.0297	0.006	0.0003	<0.001	<0.1	0.377	161	<0.002	0.008	0.002	0.325	0.0027
KV-45	22/03/2011	7.88	819	0.7		5	399						394		270	<0.01	0.0069	0.026	0.006	<0.0002	<0.001	<0.1	0.308	136	<0.002	0.0071	0.001	0.268	0.0007
KV-45	19/04/2011		829	2		31	422						402		280	<0.01	0.0078	0.0273	0.007	<0.0002	<0.001	<0.1	0.345	143	<0.002	0.0078	0.001	0.291	0.0004
KV-45	26/05/2011	7.16	1060	2.7	1.5	23	386	66				1.1	350	<0.002	520	0.017	0.0044	0.0183	0.007	<0.0002	<0.001	<0.1	6.4	129	<0.002	0.0253	0.037	0.479	0.0054
KV-45	21/06/2011	8.05	946	3.2	0.5	12	401	110				<0.5	404	0.006	350	0.011	0.0065	0.0471	0.007	<0.0002	<0.001	<0.1	1.37	136	<0.002	0.0143	0.019	0.814	0.0083
KV-45	12/07/2011	7.92	824	3.9	0.5	16	405	120	0.033	<0.005	<0.02	1.1	432	0.005	350	0.013	0.0063	0.0276	0.006	<0.0002	<0.001	<0.1	0.943	137	<0.002	0.012	0.006	0.417	0.0031
KV-45	17/08/2011	7.4	1010	3.2	0.75	15	423						408		430	0.01	0.0054	0.0299	0.007	<0.0002	<0.001	<0.1	1.4	141	<0.002	0.014	0.009	0.51	0.0038
KV-45	25/10/2011	7.73	961	2.9		9	533	140				<0.5	473	0.006	343	0.014	0.0059	0.0325	0.007	<0.0001	<0.001	<0.05	0.782	183	<0.001	0.0114	0.0034	0.574	0.0016
KV-45	20/11/2011	7.23	934	0.9		12.4	507						511		340	0.008	0.0069	0.0347	0.008	<0.0001	<0.001	<0.05	0.591	173	<0.001	0.0107	0.0029	0.455	0.0014
KV-45	14/12/2011	7.49	925	1.5		21.5	483						504		283	<0.01	0.0066	0.0309	0.007	<0.0002	<0.001	<0.1	0.489	165	<0.002	0.0091	0.002	0.45	0.001
KV-45	15/01/2012	7.55	906	0.8		17.1	432						438		291	<0.01	0.0071	0.0468	0.006	<0.0002	<0.001	<0.1	0.384	147	<0.002	0.0081	0.003	0.56	0.0014

Appendix L-2. Onek 400 Level Adit
Discharge (KV-45) Water Quality

Station Name	Sample Date	Li-T	Mg-T	Mn-T	Hg-T	Mo-T	Ni-T	P-T	K-T	Se-T	Si-T	Ag-T	Na-T	Sr-T	S-T	Tl-T	Sn-T	Ti-T	U-T	V-T	Zn-T	Zr-T	Al-D	Sb-D	As-D	Ba-D	Be-D	Bi-D	B-D	Cd-D	Ca-D	Cr-D
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
KV-45	30/10/1996																															
KV-45	10/10/1997						0.01														68											
KV-45	10/03/1999		19.9	6.31		0.01	0.014	0.06	0.4	0.02	4.75	0.001		0.238	150		0.005			0.002	55.8											
KV-45	07/11/2000		18.8	11.5		0.005	0.036	0.06	0.4	0.02	4.68	0.001		0.234	191		0.012			0.006	98.4											
KV-45	08/02/2001	0.025	19.8	8.9		0.01	0.031	0.1	0.8	<0.02	4.72	<0.002	1.25	0.22	182	<0.005	<0.005	<0.001	<0.06	<0.001	65.9	<0.005										
KV-45	07/03/2003	0.022	18	6.16		<0.01	0.019	0.08	0.7	<0.02	4.9	<0.002	1.2	0.174	160		<0.006	<0.001	0.07	0.024	44.8	<0.006										
KV-45	11/04/2003	0.018	18	5.71		<0.01	0.017	<0.06	<0.3	1.22	5.4	<0.002	1.27	0.177	160		<0.006	0.032	0.08	0.029	43.2	<0.006										
KV-45	02/08/2003	0.019	20.1	13.2		0.02	0.051	<0.06	<0.3	<0.02	5.8	0.002	1.21	<0.006	244	<0.006	0.188	<0.001	<0.07	0.022	60.2	<0.006	<0.01	<0.02	0.04	0.0069	<0.0006	<0.02		0.8	219	<0.001
KV-45	12/09/2003	0.016	19.4	9.2		<0.01	0.022	<0.06	<0.3	0.17	5.5	<0.002	1.13	0.198	151		0.019	0.063	<0.07	<0.001	81.8	<0.006										
KV-45	31/10/2003	0.019	20.8	8.59		<0.01	0.022	<0.06	0.4	0.14	6.5	<0.002	1.23	0.223	158		0.021	<0.001	<0.07	<0.001	96.4	<0.006										
KV-45	27/05/2005	0.021	19.1	11.9		<0.001	0.0404		0.5	0.0005	5.04	0.0001	1.2	0.223	210	0.00011	<0.001	0.0079	<0.0005	<0.0001	154	<0.001										
KV-45	27/06/2006	0.025	20.6	8.86		<0.001	0.0363		0.5	0.0002	4.58	<0.0001	1.3	0.238	192		<0.001	0.0109	0.0006	<0.0001	116	<0.001										
KV-45	28/06/2006	0.023	21.4	9.12		<0.002	0.0326		<0.8	<0.0004	4.58	<0.0002	1	0.252	205		<0.002	0.012	<0.001	<0.0002	122	<0.002	<0.005	0.0014	0.0053	0.006	<0.0001	<0.0005	0.002	1.78	208	0.0007
KV-45	24/10/2006	0.029	20.3	5.82		<0.002	0.0251		<0.8	<0.0004	4.74	<0.0002	1	0.216	165		<0.002	0.01	0.001	<0.0002	55.2	<0.002	<0.005	0.0045	0.0132	0.006	<0.0001	<0.0005	0.004	0.727	216	0.0047
KV-45	11/07/2007	0.03	16.7	10.5		<0.001	0.0375		0.6	0.0007	4.56	0.0001	1.3	0.234	186	0.00008	<0.001	0.0613	0.0006	0.0001	123	<0.001	<0.005	0.0035	0.012	0.007	<0.0001	<0.0005	0.004	1.77	197	<0.0005
KV-45	07/09/2007	0.025	18.4	5.95		<0.001	0.0351		0.6	0.0052	5.59	0.0003	1.4	0.254	172	0.00006	<0.001	0.033	0.0021	0.0006	104	<0.001	<0.005	0.0046	0.0103	0.006	<0.0001	<0.0005	0.003	1.07	210	0.0008
KV-45	14/03/2008	0.036	16.3	3.15		<0.001	0.023		0.5	0.0008	4.18	0.00002	1.2	0.228	137	<0.00005	<0.001	0.0093	0.0011	0.0002	39	<0.001	<0.02	0.004	0.0056	0.005	<0.0005	<0.002	<0.01	0.429	208	<0.002
KV-45	15/05/2008	0.019	11.6	8.75		<0.001	0.0234		0.5	<0.0002	4.7	0.00012	1.3	0.16	118	0.00008	<0.001	0.0035	0.0013	<0.0001	78.9	<0.001	0.013	0.0074	0.0415	0.015	<0.0001	<0.0005	0.005	1.81	140	<0.0005
KV-45	04/07/2008	0.022	13	6		<0.001	0.0268		0.5	0.0003	4.62	0.00001	1.3	0.18	106	<0.00005	<0.001	0.0106	0.0015	<0.0001	53.7	<0.001	<0.005	0.0085	0.032	0.012	<0.0001	<0.0005	0.004	0.585	140	<0.0005
KV-45	02/10/2008	0.019	18.2			0.00052	0.022	0.042	0.5	<0.0006	5.78	0.0001	1.41	0.2		0.00007	0.0003	0.0015	0.0017	0.00014	72.7	0.0001	<0.005	0.0071	0.0196	0.01	<0.00004		<0.004	0.77	165	0.0009
KV-45	02/02/2009	0.019	18.1	4.65		0.00032	0.019	0.02	0.5	<0.0006	5.21	<0.00001	1.31	0.204	132	<0.00001	<0.0001	0.0006	0.0016	<0.00004	33.9	<0.0001	<0.005	0.0072	0.0215	0.008	<0.00004	<0.0001	<0.004	0.372	171	0.0004
KV-45	07/05/2009	0.011	12	14.1	<0.0002	<0.001	0.0267		<1	0.0015	3.72	0.0003	1	0.13	172	0.00017	<0.0002	<0.01	0.0006	<0.004	175	<0.002	<0.004	0.0023	0.0086	0.0084	<0.0002	<0.0001	<0.1	5.88	90	<0.002
KV-45	05/07/2009	0.018	18	7.44	<0.0002	<0.001	0.025		<1	<0.0008	5.61	<0.0001	1	0.192	131	0.00007	<0.005	<0.01	0.0027	<0.005	71.5	<0.002	<0.01	0.0072	0.0192	0.008	<0.0002	<0.001	<0.1	0.997	146	<0.002
KV-45	06/10/2009	0.02	18	6.55	<0.0002	<0.001	0.022		<1	<0.0008	5.66	<0.0001	1	0.191	137	0.00006	<0.005	<0.01	0.0013	<0.005	51.4	<0.002	<0.01	0.0069	0.0177	0.008	<0.0002	<0.001	<0.1	0.798	145	<0.002
KV-45	10/02/2010	0.019	17	4.78	<0.0002	<0.001	0.019		<1	<0.0008	5.9	<0.0001	1	0.169	114	<0.00005	<0.005	<0.01	0.0013	<0.005	33.1	<0.002	<0.01	0.007	0.0183	0.007	<0.0002	<0.001	<0.1	0.344	147	<0.002
KV-45	03/05/2010	0.016	14	11.7	<0.0002	<0.001	0.024		<1	<0.0008	4.76	<0.0001	1	0.152	126	0.0001	<0.005	<0.01	0.0011	<0.005	81.1	<0.002	<0.01	0.0068	0.0153	0.009	<0.0002	<0.001	<0.1	4.27	136	<0.002
KV-45	06/07/2010	0.018	18	19.3	<0.0002	<0.001	0.042		<1	<0.0008	5.9	0.0002	1	0.21	209	0.00013	<0.005	<0.01	0.0017	<0.005	165	<0.002	<0.01	0.0049	0.0227	0.009	<0.0002	<0.001	<0.1	2.98	145	<0.002
KV-45	05/10/2010	0.019	18.1	6.44	<0.0001	<0.0005	0.0229		<0.5	<0.0004	5.3	<0.00005	1.3	0.201	132	0.00006	<0.0001	<0.005	0.00156	<0.002	55	<0.001	0.0055	0.00587	0.0204	0.00772	<0.00001	<0.000005	<0.05	0.644	161	0.0005
KV-45	08/02/2011	0.014	17	4.33	0.0002	<0.001	0.02		<1	<0.0008	5.92	<0.0001	1	0.16	119	<0.00005	<0.005	<0.01	0.0012	<0.005	36.2	<0.002	<0.01	0.0072	0.0137	0.007	<0.0002	<0.001	<0.1	0.342	147	<0.002
KV-45	22/03/2011	0.016	14	3.85	<0.0002	<0.001	0.017		<1	<0.0008	4.75	<0.0001	1	0.153	98	<0.00005	<0.005	<0.01	0.0011	<0.005	27.4	<0.002	<0.01	0.0067	0.0155	0.006	<0.0002	<0.001	<0.1	0.313	134	<0.002
KV-45	19/04/2011	0.018	16	4.24	<0.0002	<0.001	0.019		<1	<0.0008	5.14	<0.0001	1	0.168	104	<0.00005	<0.005	<0.01	0.0012	<0.005	30.4	<0.002	<0.01	0.0074	0.017	0.007	<0.0002	<0.001	<0.1	0.34	137	<0.002
KV-45	26/05/2011	0.014	16	19.2	<0.0002	<0.001	0.035		<1	<0.0008	4.53	0.0001	1	0.167	207	0.00018	<0.005	<0.01	0.0006	<0.005	186	<0.002	<0.01	0.0037	0.0103	0.006	<0.0002	<0.001	<0.1	5.73	116	<0.002
KV-45	21/06/2011	0.017	15	9.28	<0.0002	<0.001	0.026		<1	<0.0008	4.91	<0.0001	1	0.169	130	0.00009	<0.005	<0.01	0.0012	<0.005	84.8	<0.002	0.033	0.0056	0.0142	0.007	<0.0002	<0.001	<0.1	1.38	137	<0.002
KV-45	12/07/2011	0.016	16	7.61	<0.0002	<0.001	0.024		<1	<0.0008	4.88	<0.0001	1	0.165	130	0.00006	<0.005	<0.01	0.0009	<0.005	64.5	<0.002	<0.01	0.0063	0.0134	0.007	<0.0002	<0.001	<0.1	1.01	146	<0.002
KV-45	17/08/2011	0.02	17	9.28	<0.0002	<0.001	0.027	<0.04	<1	<0.0008	5	<0.0001	1	0.201	143	0.00007	<0.005	<0.01	0.0012	<0.005	86.8	<0.002	<0.01	0.0049	0.0126	0.007	<0.0002	<0.001	<0.1	1.36	136	<0.002
KV-45	25/10/2011	0.019	18.5	7.35	<0.00002	<0.001	0.024	<0.01	0.44	<0.0001	6.1	0.00003	1.23	0.22	130	0.00006	<0.005	<0.005	0.0013	<0.005	54.9	<0.0005	<0.008	0.006	0.0165	0.007	<0.0003	<0.003	<0.1	0.725	160	<0.003
KV-45	20/11/2011	0.021	18.1	5.85	<0.00005	<0.001	0.023	<0.01	0.533	<0.0001	5.4	<0.00002	1.82	0.216	141	0.00005	<0.005	<0.005	0.0014	<0.005	42.4	<0.0005	<0.0030	0.00634	0.0176	0.0065	<0.00010	<0.0010	<0.050	0.58	176	<0.0010
KV-45	14/12/2011	0.02	17	5.55	<0.0002	<0.001	0.021	<0.04	<1	<0.0008	6	<0.0001	1	0.202	118	0.00005	<0.005	<0.01	0.0013	<0.005	39.2	<0.002	<0.01	0.0065	0.0175	0.006	<0.0002	<0.001	<0.1	0.483	173	<0.002
KV-45	15/01/2012	0.02	16	4.32	<0.0002	<0.001	0.02	<0.04	<1	<0.0008	5	<0.0001	1	0.169	109	<0.00005	<0.005	<0.01	0.0016	<0.005	32.4	<0.002	<0.01	0.0073	0.018	0.006	<0.0002	<0.001	<0.1	0.423	149	<0.002

Appendix L-2. Onek 400 Level Adit
Discharge (KV-45) Water Quality

Station Name	Sample Date	Co-D	Cu-D	Fe-D	Pb-D	Li-D	Mg-D	Mn-D	Hg-D	Mo-D	Ni-D	P-D	K-D	Se-D	Si-D	Ag-D	Na-D	Sr-D	S-D	Tl-D	Sn-D	Ti-D	U-D	V-D	Zn-D	Zr-D
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
KV-45	30/10/1996																									
KV-45	10/10/1997																									
KV-45	10/03/1999																									
KV-45	07/11/2000																									
KV-45	08/02/2001																									
KV-45	07/03/2003																									
KV-45	11/04/2003																									
KV-45	02/08/2003	0.012	0.01	<0.002	0.033	0.022	21.1	9.36		<0.01	0.024	<0.06	<0.3	0.08	5.9	<0.002	1.19	0.195	172	<0.005	<0.005	<0.001	<0.07	0.021	70.1	<0.005
KV-45	12/09/2003																									
KV-45	31/10/2003																									
KV-45	27/05/2005																									
KV-45	27/06/2006																									
KV-45	28/06/2006	0.0128	<0.001	<0.01	<0.0001	0.019	23.3	8.86		<0.001	0.0302		0.5	0.0005	5.08	<0.0001	1.3	0.245	198		<0.001	0.0099	<0.0005	0.001	66.3	
KV-45	24/10/2006	0.0108	0.017	0.02	0.0001	0.026	22.4	5.7		<0.001	0.0216		<0.4	0.0007	4.94	<0.0001	1.3	0.22	163		<0.001	0.0098	0.0011	0.0012	55.8	
KV-45	11/07/2007	0.0178	0.03	<0.01	0.0007	0.027	15.9	10.9		<0.001	0.0298		0.6	0.0004	4.52	<0.0001	1.3	0.254	187	0.00008	<0.001	0.0656	0.0006	0.0002	117	
KV-45	07/09/2007	0.0104	0.002	0.01	0.0003	0.024	18.5	5.99		<0.001	0.0308		0.5	0.0003	4.96	<0.0001	1.4	0.257	171	0.00006	<0.001	0.0107	0.0009	0.0009	82.3	
KV-45	14/03/2008	0.0063	0.01	0.01	<0.0005	0.02	18.8	3.35		<0.005	0.017		0.5	0.555	4.72	<0.00005	1.2	0.21	143	<0.0002	<0.005	0.007	<0.002	0.0005	33.9	
KV-45	15/05/2008	0.0141	0.012	0.04	0.008	0.019	11.9	9.13		<0.001	0.0224		0.5	<0.0002	4.92	0.00004	1.3	0.163	120	0.00008	<0.001	0.0025	0.0013	0.0002	72.6	
KV-45	04/07/2008	0.0107	0.012	<0.01	0.0002	0.02	14.6	5.78		<0.001	0.0211		0.4	<0.0002	4.75	<0.00001	1.2	0.17	102	0.00005	<0.001	0.0028	0.0014	<0.0001	57.8	
KV-45	02/10/2008	0.00988	0.002	<0.01	0.0004	0.018	17.7			0.00048	0.02	0.04	0.5	<0.0006	4.96	<0.00001	1.3	0.18		0.00005	<0.0001	0.0007	0.0012	0.00015	70	<0.0001
KV-45	02/02/2009	0.00708	0.002	<0.01	0.0003	0.02	17.2	4.74		0.00033	0.017	0.02	0.4	<0.0006	4.84	<0.00001	1.3	0.172	131	<0.00001	<0.0001	0.0004	0.0011	<0.00004	33.9	<0.0001
KV-45	07/05/2009	0.0218	0.017	0.041	0.0004	0.011	12	13.6	<0.0002	<0.001	0.0254		<1	0.0016	3.68	<0.0001	1	0.115	178	0.00012	<0.0002	0.017	0.00028	<0.004	194	<0.002
KV-45	05/07/2009	0.0122	0.003	<0.02	0.0012	0.019	17	7.11	<0.0002	<0.001	0.023		<1	<0.0008	4.57	<0.0001	1	0.192	127	0.00007	<0.005	<0.01	0.0013	<0.005	61.6	<0.002
KV-45	06/10/2009	0.01	0.001	<0.02	0.0002	0.019	17	6.38	<0.0002	<0.001	0.032		<1	<0.0008	4.81	0.0003	1	0.181	124	0.00007	<0.005	0.043	0.0012	0.008	59.9	<0.002
KV-45	10/02/2010	0.0076	<0.001	<0.02	<0.0002	0.018	16	4.23	<0.0002	<0.001	0.018		<1	<0.0008	5.25	<0.0001	1	0.157	117	<0.00005	<0.005	<0.01	0.0012	<0.005	31.3	<0.002
KV-45	03/05/2010	0.0149	0.024	0.023	0.0012	0.018	15	13.5	<0.0002	<0.001	0.029		<1	<0.0008	5.12	0.0001	1	0.156	141	0.00008	<0.005	<0.01	0.0009	<0.005	108	<0.002
KV-45	06/07/2010	0.0232	0.013	<0.02	0.0005	0.017	17	18.8	<0.0002	0.003	0.04		<1	<0.0008	5.03	0.0002	1	0.177	193	0.0001	<0.005	<0.01	0.0005	<0.005	175	<0.002
KV-45	05/10/2010	0.0115	0.00224	0.017	0.000455	0.0206	18.3	6.79		0.00066	0.0236		0.64	0.00008	5.31	0.000037	1.46	0.202	141	0.000049	0.00002	<0.0005	0.00139	<0.0002	48.3	<0.0001
KV-45	08/02/2011	0.0071	<0.001	<0.02	<0.0002	0.018	16	4	<0.0002	<0.001	0.017		<1	<0.0008	4.99	<0.0001	<1	0.158	110	<0.00005	<0.005	<0.01	0.0009	<0.005	29.4	<0.002
KV-45	22/03/2011	0.0067	<0.001	<0.02	0.0003	0.015	14	3.7	<0.0002	<0.001	0.016		<1	<0.0008	4.83	<0.0001	1	0.146	98	<0.00005	<0.005	<0.01	0.001	<0.005	30.3	<0.002
KV-45	19/04/2011	0.007	<0.001	<0.02	<0.0002	0.016	15	4.06	<0.0002	<0.001	0.016		<1	<0.0008	5	<0.0001	1	0.157	100	<0.00005	<0.005	<0.01	0.001	<0.005	29.9	<0.002
KV-45	26/05/2011	0.0237	0.023	<0.02	0.0005	0.014	15	17.4	<0.0002	<0.001	0.034		<1	<0.0008	4.42	0.0001	1	0.149	180	0.00017	<0.005	<0.01	0.0005	<0.005	172	<0.002
KV-45	21/06/2011	0.014	0.004	<0.02	0.0014	0.017	15	9.43	<0.0002	<0.001	0.025		<1	<0.0008	4.61	<0.0001	1	0.166	119	0.00008	<0.005	<0.01	0.0007	<0.005	87.2	<0.002
KV-45	12/07/2011	0.0126	0.004	0.024	0.0008	0.016	16	8.03	<0.0002	<0.001	0.024		<1	<0.0008	5.13	<0.0001	1	0.175	2260	0.00007	<0.005	<0.01	0.0009	<0.005	70.8	<0.002
KV-45	17/08/2011	0.0138	0.004	0.02	0.0002	0.02	17	9.3	<0.0002	<0.001	0.027	<0.04	<1	<0.0008	5	<0.0001	1	0.186	143	0.00007	<0.005	<0.01	0.0009	<0.005	88.3	<0.002
KV-45	25/10/2011	0.011	0.0014	0.02	<0.0005	0.02	17.9	7.32	<0.0001	<0.003	0.023	<0.03	0.5	<0.0003	5.5	<0.00005	1.2	0.214	132	<0.0001	<0.01	<0.01	0.0012	<0.01	52.7	<0.001
KV-45	20/11/2011	0.00981	0.00124	0.0082	<0.00020	0.0195	17.6	6.04	<0.000050	<0.0010	0.021	<0.010	0.502	0.00011	5.35	0.000046	1.49	0.191	131	<0.000050	<0.0050	<0.0050	0.00129	<0.0050	44.1	<0.00050
KV-45	14/12/2011	0.0093	<0.001	<0.02	<0.0002	0.02	17	5.52	<0.0002	<0.001	0.022	<0.04	<1	<0.0008	6	<0.0001	1	0.193	129	<0.00005	<0.005	<0.01	0.0012	<0.005	41.3	<0.002
KV-45	15/01/2012	0.0083	<0.001	<0.02	<0.0002	0.02	16	4.69	<0.0002	<0.001	0.019	<0.04	<1	<0.0008	5	<0.0001	1	0.171	130	<0.00005	<0.005	<0.01	0.0013	<0.005	35.3	<0.002

Appendix L-3. Water Quality Data for Christal Creek Catchment

Station Name	Sample Date	pH-Field	Conductivity	Discharge	TSS	Total Hardness	Dissolved Hardness	Ammonia (N)	Nitrite (N)	Nitrate (N)	SO4-D	DOC	Al-T	Sb-T	As-T	Ba-T	Be-T	Bi-T	B-T	Cd-T	Ca-T	Cr-T	Co-T	Cu-T	Fe-T	Pb-T	Li-T	Mg-T	Mn-T	Hg-T
		pH units	µS/cm	L/s	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
KV-6	12/01/2011	7.85	854		2	481	475	0.046	<0.005	0.24	300	0.7	0.0044	0.00021	0.00471	0.0602	<0.00001	<0.000005	<0.05	0.000802	150	0.0006	0.00124	0.00023	0.249	0.00663	0.0136	25.5	1.05	<0.00001
KV-6	08/02/2011	8.11	940		1	502	485	0.14	<0.005	0.23	350	1.5	0.0062	0.0002	0.00749	0.0603	<0.00001	<0.000005	<0.05	0.00073	161	0.0003	0.00165	0.00014	0.4	0.00795	0.0163	24.2	1.37	<0.00001
KV-6	22/03/2011	7.73	920		2	573	544	0.1	<0.005	0.22	390	1.3	0.0097	0.00019	0.00873	0.0632	<0.00001	<0.000005	<0.05	0.000651	183	0.0004	0.00166	0.00029	0.489	0.00378	0.0158	28	1.35	<0.00001
KV-6	19/04/2011		955		1	564	566	0.089	<0.005	0.26	380	1.2	0.0092	0.00021	0.00817	0.0578	<0.00001	<0.000005	<0.05	0.000735	180	0.0005	0.0016	0.00041	0.398	0.00488	0.0159	28.1	1.08	<0.00001
KV-6	25/05/2011	7.84	581	136	3	303	304				180	8.6	0.0247	0.0004	0.00583	0.0365	<0.00001	<0.000005	<0.05	0.00189	99.6	0.0003	0.000347	0.00108	0.362	0.00814	0.0078	13.2	0.404	<0.00001
KV-6	22/06/2011	8.23	829	80.0	1	470	464	0.018			290	<0.5	0.0078	0.00034	0.00421	0.0552	<0.00001	<0.000005	<0.05	0.00145	146	0.0002	0.000161	0.00037	0.143	0.00441	0.0118	25.5	0.288	<0.00001
KV-6	13/07/2011	7.88	748	91.0	2	407	418	0.043	<0.005	<0.2	270	4.5	0.0103	0.00038	0.00503	0.0442	<0.00001	<0.000005	<0.05	0.00147	127	0.0003	0.000208	0.00056	0.176	0.00604	0.0103	22.1	0.281	<0.00001
KV-6	17/08/2011	7.78	788	127	2	444	441				280	5	0.0185	0.00032	0.00492	0.0382	<0.00001	<0.000005	<0.05	0.00185	138	0.0003	0.000338	0.00065	0.249	0.00846	0.0121	24.3	0.344	<0.00001
KV-6	24/09/2011	7.52	848	127	1	447	451	0.009	<0.005	0.1	289	1.9	0.0106	0.00028	0.00527	0.0433	<0.00001	<0.000005	<0.05	0.00215	141	0.0003	0.000439	0.00039	0.544	0.00411	0.0135	23.1	0.441	<0.00001
KV-6	29/10/2011	7.66	929	88	1	511	527	0.063	<0.05	<0.2	356	0.8	0.0046	0.00025	0.00361	0.053	<0.00001	<0.000005	<0.05	0.00132	159	<0.0001	0.00243	0.00026	0.297	0.00243	0.0175	27.7	1.32	<0.00001
KV-6	21/11/2011	7.49	896	74.8	2.7	497	493	0.035	<0.005	0.177	342	1.7	0.0096	0.00032	0.00597	0.0585	<0.00001	<0.000005	<0.05	0.0014	153	0.0002	0.00242	0.00067	0.366	0.0155	0.0158	28.2	1.64	<0.00001
KV-6	14/12/2011	7.36	906	107.2	4.2	505	506	0.18	<0.005	0.234	346	2.1	0.011	0.00039	0.007	0.0643	<0.00001	<0.000005	<0.05	0.00123	159	0.0009	0.00234	0.00248	0.492	0.00752	0.0156	26.1	1.84	<0.00001
KV-7	13/01/2011	8.4	699		<1	383	396	0.24	<0.005	0.17	210	1.2	0.0042	0.00017	0.00174	0.0512	<0.00001	<0.000005	<0.05	0.000298	115	0.0006	0.000166	0.0003	0.075	0.00166	0.0076	23.5	0.181	<0.00001
KV-7	09/02/2011	8.21	763		<1	412	349	0.033	<0.005	0.18	250	1	0.0052	0.00033	0.00185	0.0608	<0.00001	<0.000005	<0.05	0.000646	129	0.0004	0.000138	0.00027	0.065	0.00545	0.0087	22.2	0.161	<0.00001
KV-7	22/03/2011	8.02	820		<1	495	487	0.016	<0.005	0.15	280	1.4	0.0054	0.00028	0.00166	0.0612	<0.00001	<0.000005	<0.05	0.000835	151	0.0005	0.000092	0.00117	0.027	0.00316	0.0095	29	0.122	<0.00001
KV-7	19/04/2011		813		2	489	465	0.026	<0.005	0.19	280	1.7	0.0052	0.00016	0.00169	0.0533	<0.00001	<0.000005	<0.05	0.000345	155	0.0003	0.00007	0.00023	0.036	0.00075	0.0096	25	0.0937	<0.00001
KV-7	13/05/2011	7.66	315	357	2	159	149	0.016	<0.005	0.03	100	19.4	0.0343	0.0002	0.00298	0.0274	<0.00001	<0.000005	<0.05	0.000793	48.3	0.0004	0.00016	0.0023	0.272	0.00448	0.0028	9.42	0.126	<0.00001
KV-7	22/06/2011	8.47	677	105	<1	385	380	0.037	0.006	0.04	200	3.1	0.0069	0.00034	0.00243	0.0527	<0.00001	<0.000005	<0.05	0.000584	117	0.0002	0.000052	0.00059	0.067	0.00103	0.0068	22.4	0.0336	<0.00001
KV-7	20/07/2011	8.4	304		72	152	155				88	12.7	0.946	0.00105	0.0179	0.08	0.00005	0.00004	<0.05	0.00411	44.5	0.0016	0.00214	0.0094	2.94	0.0648	0.0032	9.8	0.652	0.00001
KV-7	18/08/2011	7.3	463	259	15	250	243	0.026	<0.5	<2	130	6.8	0.0984	0.00028	0.00313	0.0472	<0.00001	<0.000005	<0.05	0.000898	75.1	0.0004	0.00026	0.0018	0.366	0.00566	0.0043	15.1	0.109	<0.00001
KV-7	23/09/2011	8.18	630	286	2	325	319	0.13	<0.005	0.08	179	2.5	0.0174	0.00025	0.00244	0.0491	<0.00001	<0.000005	<0.05	0.000791	99.6	0.0002	0.000153	0.00068	0.156	0.00123	0.0071	18.5	0.134	<0.00001
KV-7	24/10/2011	8.2	690	173	3	355	368	0.038	<0.005	0.12	195	1.7	0.0156	0.00023	0.00241	0.0524	<0.00001	<0.000005	<0.05	0.000858	110	0.0002	0.000417	0.00083	0.196	0.00206	0.0087	19.6	0.284	<0.00001
KV-7	26/11/2011	8.19	734	126	<1.0	417	409	0.037	<0.005	0.152	235	1.68	0.0069	0.00019	0.00177	0.0525	<0.00001	<0.000005	<0.05	0.000732	127	0.0002	0.000561	0.00035	0.078	0.000879	0.0097	24.1	0.549	<0.00001
KV-7	14/12/2011	8.14	724		3.2	396	389	0.088	<0.005	0.17	237	1.21	0.0109	0.0002	0.00335	0.0572	<0.00001	<0.000005	<0.05	0.000748	121	<0.0001	0.000597	0.00045	0.226	0.00265	0.009	23	0.564	<0.00001
KV-8	09/02/2011	7.83	835		67	457	398	0.021	<0.005	0.17	280	1.4	0.0839	0.00064	0.00779	0.0764	0.00001	<0.000005	<0.05	0.00228	140	0.0005	0.000394	0.00137	0.585	0.0602	0.0096	26.4	0.29	<0.00001
KV-8	22/03/2011	7.7	869		3	530	515	0.02	<0.005	0.18	290	1.9	0.0053	0.00043	0.00175	0.0697	<0.00001	<0.000005	<0.05	0.00142	161	0.0004	0.00008	0.001	0.068	0.00252	0.0092	30.9	0.145	<0.00002
KV-8	19/04/2011		807		<1	465	458	0.016	<0.005	0.19	290	1.6	0.0034	0.00028	0.00158	0.0547	<0.00001	<0.000005	<0.05	0.000619	145	0.0003	0.000037	0.00079	0.034	0.00116	0.0086	25.1	0.0739	<0.00001
KV-8	25/05/2011	8.1	194		12	94.1	92.1				48	9.1	0.15	0.00458	0.00371	0.0314	0.00001	0.000011	<0.05	0.00142	28.8	0.0004	0.00029	0.00339	0.351	0.121	0.0017	5.41	0.19	<0.00001
KV-8	22/06/2011	8.41	639	107	6	374	354				200	3.6	0.0874	0.00076	0.00822	0.0594	<0.00001	<0.000005	<0.05	0.00175	114	0.0004	0.000343	0.00195	0.551	0.0284	0.0063	21.8	0.328	<0.00001
KV-8	20/07/2011	7.76	295		17	140	151				82	14.2	0.26	0.00058	0.00424	0.0384	0.00001	<0.00002	<0.05	0.00292	41.6	0.0007	0.00044	0.0034	0.71	0.0142	0.0023	8.8	0.184	<0.00001
KV-8	19/08/2011	7.42	463		16	248	243	0.45	<0.5	<2	130	7.2	0.0975	0.00028	0.00313	0.046	<0.00001	<0.000005	<0.05	0.000903	74.3	0.0004	0.000261	0.00188	0.356	0.00382	0.004	15.1	0.103	<0.00001
KV-8	24/09/2011	7.52	603	290	1	314	311				183	3.3	0.0093	0.00027	0.00299	0.0456	<0.00001	<0.000005	<0.05	0.00106	95.5	0.0002	0.000089	0.00067	0.15	0.00149	0.0065	18.4	0.122	<0.00001
KV-8	24/10/2011	7.65	685	188	1	351	355				196	2	0.0037	0.00029	0.00238	0.0515	<0.00001	<0.000005	<0.05	0.000942	109	<0.0001	0.000122	0.00043	0.097	0.00101	0.0079	19.4	0.136	<0.00001
KV-8	24/11/2011	8.16	743	138	<1.0	397	434				242	2.84	0.0059	0.00025	0.00175	0.0532	<0.00001	<0.000005	<0.05	0.000974	119	0.0026	0.000178	0.00054	0.075	0.00231	0.0097	24.1	0.229	<0.00001
KV-8	15/12/2011	7.79	720	134	1.1	384	400				184	1.61	0.0033	0.00023	0.00212	0.0519	<0.00001	<0.000005	<0.05	0.000688	116	<0.0001	0.000158	0.00039	0.078	0.0013	0.0084	22.8	0.201	<0.00001
KV-48	12/07/2011	7.98	1240	7.0	5	674	696				660		0.032	<0.0005	<0.0004	0.012	<0.0002	<0.001	<0.1	0.0077	237	<0.002	<0.0005	0.011	0.049	0.0003	0.017	20	14.7	<0.0002
KV-48	25/10/2011	9.03	1630		<1	959	892						0.01	<0.0002	0.0006	0.0069	<0.0001	<0.00005	<0.5	0.0123	332	<0.001	0.00195	<0.0005	0.04	0.00015	0.026	31.3	45.5	<0.0001
KV-49	26/05/2011	7.71	375		<1	187	185				150	8.6	0.0416	0.00014	0.0002	0.0468	<0.00001	<0.000005	<0.05	0.000227	62.2	0.0004	0.000058	0.00104	0.033	0.000714	0.0019	7.76	0.00697	<0.00001
KV-49	16/08/2011			0																										
KV-49	22/09/2011	8.24	709		8	357	359				320	4.7	0.0313	0.00016	0.00066	0.0419	<0.00001	<0.000005	<0.05	0.000419	116	0.0004	0.000096	0.00093	0.917	0.00103	0.0012	16.5	0.0155	<0.00001
KV-49	31/10/2011			0																										
KV-49	20/12/2011			0																										
KV-50	26/05/2011	7.3	891		9	455	503				370	3.7	0.022	0.00017	0.0157	0.0267	<0.00001	<0.000005	<0.05	0.000237	145	0.0003	0.00473	0.00047	2.79	0.000573	0.0185	22.5	1.23	<0.00001
KV-50	22/06/2011	7.57	1090		20	665	636				460	2.3	0.145	0.00036	0.0272	0.0354	<0.00001	0.000006	<0.05	0.000413	211	0.0005	0.00702	0.00186	5.77	0.00198	0.0235	33.9	1.69	<0.00001
KV-50	17/08/2011	8.31	401	2.0	<1	192	208				120	7.9	0.742	0.00073	0.0159	0.0568	0.00003	<0.00002	<0.05	0.00119	59.7	0.0015	0.00291	0.0036	2.86	0.00208	0.0084	10.5	0.425	<0.00001
KV-50	22/09/2011	7.51	1090	31.4	1300	606	586				480	1.5	7.96	0.00171	0.0541	0.181	0.00023	0.00019	<0.05	0.00133	192	0.0135	0.0155	0.0331	23	0.0327	0.0363	30.4	2.15	0.00003
KV-50	31/10/2011	7.34	1160	34.0	97	657	645				509	1.8	0.72	0.00033	0.0347	0.0424	0.00004	<0.000005	<0.05	0.000503	208	0.0014	0.0107	0.00523	7.6	0.00758	0.0243	33.8	2.2	<0.00001
KV-50	26/11/2011	7.37	1160	34.6	29.8	703	671				518	0.89	0.245	0.0003	0.0309	0.0307	0.00001	0.000013	<0.05	0.000372	224	0.0006	0.00995	0.00227	6.25	0.00218	0.033	34.7	2.14	<0.000020
KV-50	20/12/2011	6.9	1140		15.3	663	647				487	0.9	0.083	0.00023	0.0312	0.0222	<0.00001	<0.000005	<0.05	0.000324	209	0.0001	0.00993	0.00094	4.82	0.00222	0.0339	34.3	2.46	<0.00001
KV-51	26/05/2011	7.87	528		5	271	265	0.017	<0.005	0.1	200	7	0.0412	0.00017	0.00513	0.0414	<0.00001	<0.000005	<0.05	0.000237	88.5	0.0004	0.00158	0.0009	0.961	0.000324	0.007	12.2	0.422	<0.00001
KV-51	31/10/2011	7.5	1160	35.3	83	665	651	0.067	0.05	0.7	515	1.2	0.641	0.00034	0.0343	0.0398	0.00003	<0.000005	<0.05	0.000494	209	0.0012	0.0106	0.00511	7.04	0.00595	0.0247	34.8	2.24	<0.00001
KV-52	13/01/2011	8.31	608		5	341	328				190	1	0.0085	0.0001	0.00085	0.0825	<0.00001	<0.000005	<0.05	0.00127	101	0.0006	0.000033	0.00049	0.062	0.00243	0.0041	21.4	0.00875	<0.00001
KV-52	19/04/2011		643		2	345	365				210	1	0.0099	0.00016	0.00097	0.0873	<0.00001	<0.000005	<0.05	0.00121	103	0.0004	0.000026	0.00095	0.048	0.0025	0.0041	21	0.0151	<0.00001
KV-52	26/05/2011	7.98	619		<1	339	326				190	1.6	0.0053	0.00011	0.00074	0.0849	<0.00001	<0.000005	<0.05	0.00275	101	0.0003	0.000027	0.00039	0.027	0.000146	0.0039	20.9	0.00447	0.00002
KV-52	22/06/2011	7.93	681		2	393	371				210	0.7	0.0072	0.00012	0.00079	0.0995	<0.00001	<0.000005	<0.05	0.00225	116	0.0003	0.00003	0.00047	0.041	0.000361	0.0042	24.9	0.00535	<0.00001
KV-52	19/07/2011	7.5	573		5	304	302				170	5.1	0.017	0.00016	0.00111	0.0741	<0.00001	<0.000005	<0.05	0.00198	89	0.0003	0.000063	0.0013	0.096	0.00131	0.0033	19.8	0.0113	<0.00001
KV-52	22/09/2011	7.51	641	48.6	1	330	317				202	0.9	0.0149	0.00019	0.00241	0.0823	<0.00001	<0.000005	<0.05	0.00244	97.4	0.0003	0.00004	0.00096	0.19	0.00843	0.0038	21	0.0761	<0.00001
KV-52	31/10/2011	7.54	579	41	1	319	320				198	1.1	0.0073	0.00028	0.00076	0.0826	<0.00001	<0.000005	<0.05	0.00205	94.4	0.0001	0.000015	0.00026	0.024	0.00508	0.0042	20.3	0.00539	<0.00001
KV-52	26/11/2011	7.52	613	49.1	<1.0	324	404				191	0.84	0.0067	0.00012	0.00066	0.0765	<0.00001	<0.000005	<0.05	0.00199	96	0.0003	0.000031	0.00043	0.03	0.00107	0.0043	20.4	0.00332	<0.00001
KV-52	20/12/2011	7.33	621		<1.0	331	331				199	0.84	0.0066	0.00012	0.00084	0.0809	<0.00001	<0.000005	<0.05	0.00221	97	<0.0001	0.000024	0.00036	0.037	0.000837	0.0039	21.5	0.00402	<0.00001
KV-54	26/05/2011	8.3	62		8	28.5	28.7						0.103	0.00121	0.00066	0.0376	<0.00001	<0.000005	<0.05	0.000389	8.78	0.0004	0.000157	0.00229	0.077	0.0964	0.0005	1.6	0.0201	<0.00001
KV-54	13/07/2011	8.12	189		<1	86.9	89.7						0.0118	0.00031	0.00038	0.0496	<0.00001	<0.000005	<0.05	0.000072	26.9	0.0003	0.000015	0.00052	0.007	0.00295	0.0011	4.79	0.0005	<0.00001
KV-54	30/10/2011	7.43	305	20.5	<1	147	139						0.0114	0.00023	0.00041	0.0643	<0.00001	<0.000005	<0.05	0.000077	46.5	<0.0001	0.000013	0.00029	0.016	0.00162	0.0017	7.49	0.00072	<0.00001
KV-79	26/05/2011	8.23	613		2	325	313				200	8.8	0.028	0.00019	0.00877	0.0406	<0.00001	<0.000005	<0.05	0.00459	107	0.0003	0.000891	0.00068	0.517	0.00099	0.0087	14.2	1.15	<0.00001
KV-79	19/07/2011	7.38	727		4	369	371				270	5.7	0.0218	0.00074	0.013	0.0321	<0.00001	<0.000005	<0.05	0.0981	113	0.0003	0.00179	0.00098	0.479	0.0263	0.0094	21.1	4.3	<0.00001
KV-79	31/10/2011	7.63	929		2	536	503				344	1.5	0.0075	0.00022	0.00622	0.0537	<0.00001	<0.000005	<0.05	0.00204	170	<0.0001	0.00281	0.00045	0.58	0.00189	0.0177	27	1.48	<0.00001
KV-80	26/05/2011	8.05	608		3	323	311				190	7.9	0.028	0.00023	0.00839	0.0441	<0.00001	<0.000005	<0.05	0.000894	105	0.0003	0.000762	0.00069	0.508	0.00214	0.0083	14.6	0.579	<0.00001
KV-80	19/07/2011	7.19	688		5	377	383				240	5.8	0.0165	0.00029	0.00703	0.0246	<0.00001	<0.000005	<0.05	0.000818	117	0.0003	0.000441	0.00066	0.197	0.00348	0.0101	20.9	0.365	<0.00001
KV-80	31/10/2011	7.4	805		14	421	425				255	1.6	0.0457	0.00088	0.0554	0.0703	<0.00001	<0.000005	<0.05	0.00416	130	0.0001	0.00205	0.00121	1.64	0.0482	0.01	23.5	2.36	<0.00001

Appendix L-3. Water Quality Data for Christal Creek Catchment

Station Name	Sample Date	Mo-T	Ni-T	P-T	K-T	Se-T	Si-T	Ag-T	Na-T	Sr-T	S-T	Te-T	Tl-T	Th-T	Sn-T	Ti-T	U-T	V-T	Zn-T	Zr-T	Al-D	Sb-D	As-D	Ba-D	Be-D	Bi-D	B-D	Cd-D	Ca-D	Cr-D	Co-D
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
KV-6	12/01/2011	0.00018	0.00419	0.007	0.42	0.00096	4.23	0.000016	1.61	0.245	125	<0.00002	0.000002	0.000034	0.00001	<0.0005	0.0046	<0.0002	0.123	0.0004	0.0015	0.00016	0.00174	0.0574	<0.00001	<0.000005	<0.05	0.000101	149	0.0007	0.0012
KV-6	08/02/2011	0.00017	0.00433	0.005	0.43	0.00082	3.75	<0.000005	1.48	0.265	122	<0.00002	0.000003	<0.000005	<0.00001	<0.0005	0.00449	<0.0002	0.101	<0.0001	0.0045	0.00016	0.00271	0.0581	<0.00001	<0.000005	<0.05	0.000101	151	0.0004	0.00168
KV-6	22/03/2011	0.00019	0.00474	0.01	0.48	0.00088	4.82	0.00001	1.69	0.268	139	0.00003	<0.000002	<0.000005	<0.00001	<0.0005	0.00485	<0.0002	0.103	<0.0001	0.003	0.00019	0.00366	0.064	<0.00001	<0.000005	<0.05	0.000215	173	0.0005	0.00161
KV-6	19/04/2011	0.00017	0.00471	0.01	0.51	0.00087	4.59	<0.000005	1.7	0.274	140	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.00494	<0.0002	0.104	<0.0001	0.0031	0.00017	0.00338	0.057	<0.00001	<0.000005	<0.05	0.000171	182	0.0004	0.00151
KV-6	25/05/2011	0.00037	0.00276	0.012	0.51	0.00066	2.92	0.00002	0.95	0.163	74	<0.00002	0.000003	0.00001	<0.00001	<0.0005	0.0021	<0.0002	0.19	<0.0001	0.0207	0.00041	0.00481	0.0373	<0.00001	<0.000005	<0.05	0.00176	98.5	0.0004	0.000431
KV-6	22/06/2011	0.00024	0.00213	0.005	0.21	0.00078	2.16	0.000013	1.57	0.254	135	<0.00002	0.000008	0.000007	<0.00001	<0.0005	0.00432	<0.0002	0.207	<0.0001	0.0096	0.00032	0.00313	0.0523	<0.00001	<0.000005	<0.05	0.00126	145	0.0003	0.000141
KV-6	13/07/2011	0.00031	0.00244	0.008	0.17	0.00066	2.32	0.000007	1.43	0.218	108	<0.00002	0.000002	<0.000005	<0.00001	<0.0005	0.00364	<0.0002	0.183	<0.0001	0.0062	0.00036	0.00375	0.0455	<0.00001	<0.000005	<0.05	0.00116	131	0.0003	0.00017
KV-6	17/08/2011	0.00024	0.00324	0.008	0.32	0.00074	3.2	0.000029	1.54	0.223	117		0.000003		<0.00001	<0.0005	0.00402	<0.0002	0.226	<0.0001	0.0087	0.00028	0.00322	0.0386	<0.00001	<0.000005	<0.05	0.0016	137	0.0003	0.000307
KV-6	24/09/2011	0.00035	0.00263	0.007	0.41	0.00077	3.4	0.000026	1.41	0.235	116	<0.00002	<0.000002	0.000011	0.00018	<0.0005	0.00454	<0.0002	0.275	<0.0001	0.0048	0.00025	0.00318	0.045	<0.00001	<0.000005	<0.05	0.00166	144	0.0003	0.00037
KV-6	29/10/2011	0.00023	0.0055	0.006	0.43	0.00082	4	0.00002	1.63	0.271	143	<0.00002	<0.000002	<0.000005	0.00013	<0.0005	0.00415	<0.0002	0.218	<0.0001	0.0031	0.00022	0.00201	0.0456	<0.00001	<0.000005	<0.05	0.00101	164	<0.0001	0.00261
KV-6	21/11/2011	0.0002	0.00606	0.008	0.47	0.00096	4.1	<0.000005	1.77	0.256	131	<0.00002	0.000003	<0.000005	0.00055	<0.0005	0.0046	<0.0002	0.219	<0.0001	0.0016	0.00023	0.00289	0.0559	<0.00001	<0.000005	<0.05	0.000769	153	0.0001	0.00236
KV-6	14/12/2011	0.0002	0.00643	0.007	0.61	0.00094	4.1	0.00001	1.87	0.26	122		0.00001		0.00013	<0.0005	0.0039	<0.0002	0.175	<0.0001	0.0013	0.00022	0.00363	0.0625	<0.00001	<0.000005	<0.05	0.000517	159	0.0002	0.00225
KV-7	13/01/2011	0.00039	0.00177	0.005	0.44	0.00088	3.55	0.000013	1.57	0.234	82	<0.00002	0.000002	0.00002	<0.00001	<0.0005	0.0028	<0.0002	0.0695	0.0002	0.002	0.00016	0.00121	0.051	<0.00001	<0.000005	<0.05	0.000131	119	0.0008	0.000149
KV-7	09/02/2011	0.00035	0.00147	<0.002	0.41	0.00082	3.27	<0.000005	1.4	0.246	82	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.00293	<0.0002	0.0772	<0.0001	0.0019	0.00023	0.00131	0.053	<0.00001	<0.000005	<0.05	0.000377	104	0.0003	0.000135
KV-7	22/03/2011	0.00036	0.00152	0.009	0.92	0.00092	4.49	0.000006	2.05	0.278	112	0.00002	<0.000002	<0.000005	0.00001	<0.0005	0.00306	<0.0002	0.142	<0.0001	0.0028	0.00022	0.00149	0.0628	<0.00001	<0.000005	<0.05	0.000735	149	0.0004	0.000082
KV-7	19/04/2011	0.00036	0.0014	0.004	0.49	0.00082	4.08	<0.000005	1.66	0.278	101	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.00302	<0.0002	0.0768	<0.0001	0.0036	0.00018	0.00141	0.0541	<0.00001	<0.000005	<0.05	0.000259	146	0.0004	0.000072
KV-7	13/05/2011	0.00021	0.00202	0.016	0.67	0.00027	2.14	0.000033	0.7	0.0984	34	<0.00002	0.000002	0.000012	0.00007	0.0007	0.000787	<0.0002	0.108	<0.0001	0.0226	0.00017	0.00179	0.028	<0.00001	<0.000005	<0.05	0.000536	45.8	0.0004	0.000109
KV-7	22/06/2011	0.00041	0.00104	0.002	0.38	0.00067	2.77	0.000007	1.47	0.239	90	<0.00002	0.000003	<0.000005	0.00003	<0.0005	0.0025	<0.0002	0.0813	<0.0001	0.0082	0.00034	0.00212	0.0537	<0.00001	<0.000005	<0.05	0.000562	117	0.0002	0.000043
KV-7	20/07/2011	0.00049	0.0068	0.181	<0.3	0.00034	3.12	0.000732	0.6	0.105	<50	<0.00002	0.000036	0.00021	<0.0002	0.024	0.000817	0.0026	0.37	0.0007	0.0308	0.00031	0.00166	0.0322	<0.00001	<0.000005	<0.05	0.00144	45.2	0.0003	0.00011
KV-7	18/08/2011	0.00034	0.00178	0.016	0.27	0.00053	2.9	0.000027	0.98	0.16	48		0.000005		<0.00001	0.0028	0.00122	<0.0002	0.104	<0.0001	0.0129	0.00024	0.00185	0.0408	<0.00001	<0.000005	<0.05	0.000615	72.8	0.0003	0.000089
KV-7	23/09/2011	0.00045	0.00136	0.006	0.38	0.00074	3.1	0.000011	1.25	0.208	68	<0.00002	0.000003	<0.000005	0.0001	0.0005	0.00236	<0.0002	0.107	<0.0001	0.0046	0.00023	0.00169	0.0502	<0.00001	<0.000005	<0.05	0.000556	98.9	0.0002	0.000132
KV-7	24/10/2011	0.00042	0.00169	0.017	0.45	0.00092	3.3	0.000016	1.34	0.232	82		0.000003		0.00006	0.0005	0.00247	<0.0002	0.141	<0.0001	0.0021	0.00024	0.00152	0.0506	<0.00001	<0.000005	<0.05	0.000716	112	<0.0001	0.000367
KV-7	26/11/2011	0.00037	0.00257	0.006	0.45	0.00093	3.9	0.000006	1.6	0.239	87		0.000002		0.00013	<0.0005	0.00272	<0.0002	0.131	<0.0001	0.0032	0.0002	0.00126	0.0528	<0.00001	<0.000005	<0.05	0.000591	125	0.0002	0.000554
KV-7	14/12/2011	0.00035	0.00256	0.002	0.41	0.00099	3.6	0.000009	1.52	0.241	86		0.000005		0.00003	<0.0005	0.00255	<0.0002	0.115	<0.0001	0.0011	0.00019	0.00165	0.0562	<0.00001	<0.000005	<0.05	0.000313	117	<0.0001	0.000541
KV-8	09/02/2011	0.00033	0.00198	0.031	0.62	0.00087	3.69	0.000011	1.71	0.296	101	<0.00002	0.000006	0.000011	0.00001	0.0025	0.0031	<0.0002	0.251	<0.0001	0.0023	0.00035	0.00149	0.0581	<0.00001	<0.000005	<0.05	0.000862	120	0.0004	0.000036
KV-8	22/03/2011	0.00037	0.00148	0.006	0.95	0.00089	4.9	<0.000005	2.04	0.301	117	<0.00002	0.000002	<0.000005	<0.00001	<0.0005	0.00318	<0.0002	0.212	<0.0001	0.0027	0.00042	0.00138	0.072	<0.00001	<0.000005	<0.05	0.00132	155	0.0004	0.000061
KV-8	19/04/2011	0.00032	0.00117	0.004	0.59	0.0008	4.01	0.000007	1.67	0.272	102	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.00281	<0.0002	0.117	<0.0001	0.0019	0.00028	0.00141	0.0551	<0.00001	<0.000005	<0.05	0.000553	143	0.0004	0.00003
KV-8	25/05/2011	0.00023	0.00179	0.021	0.31	0.00019	1.83	0.000609	0.43	0.0643	18	<0.00002	0.000027	0.000031	0.00007	0.0055	0.000379	0.0004	0.163	0.0003	0.0393	0.00109	0.0017	0.0245	<0.00001	<0.000005	<0.05	0.0006	27.9	0.0051	0.000096
KV-8	22/06/2011	0.00044	0.00175	0.02	0.46	0.0006	2.94	0.000208	1.44	0.238	82	<0.00002	0.000048	0.000009	0.00004	0.0026	0.00237	0.0003	0.18	<0.0001	0.0125	0.00054	0.00402	0.0541	<0.00001	<0.000005	<0.05	0.000736	108	0.0003	0.000074
KV-8	20/07/2011	0.00036	0.0028	0.026	<0.3	0.00023	2.46	0.00016	0.6	0.0913	<50	<0.00002	0.000009	0.00009	<0.0002	0.008	0.000458	0.0007	0.31	0.0003	0.0292	0.00033	0.00204	0.0303	<0.00001	<0.000005	<0.05	0.00244	44.4	0.0003	0.000091
KV-8	19/08/2011	0.00037	0.00181	0.017	0.27	0.00049	2.8	0.000028	1	0.156	49		0.000005		0.00001	0.0028	0.00122	<0.0002	0.105	<0.0001	0.0149	0.00025	0.00181	0.0418	<0.00001	<0.000005	<0.05	0.00059	73	0.0003	0.000083
KV-8	24/09/2011	0.00041	0.00128	0.004	0.38	0.0007	2.9	0.000014	1.21	0.2	65	<0.00002	<0.000002	<0.000005	0.00013	<0.0005	0.00229	<0.0002	0.139	<0.0001	0.0047	0.00027	0.00245	0.0471	<0.00001	<0.000005	<0.05	0.00086	97.1	0.0003	0.000086
KV-8	24/10/2011	0.00036	0.00124	0.005	0.43	0.00085	3.2	0.000007	1.27	0.233	78		0.000002		0.00004	<0.0005	0.00235	<0.0002	0.152	<0.0001	0.0033	0.00027	0.00183	0.0504	<0.00001	<0.000005	<0.05	0.000851	108	<0.0001	0.000116
KV-8	24/11/2011	0.0004	0.00325	0.004	0.46	0.00087	3.7	0.00001	1.58	0.245	88		<0.000002		0.00016	<0.0005	0.00264	<0.0002	0.182	<0.0001	0.0029	0.00026	0.00141	0.0524	<0.00001	<0.000005	<0.05	0.000924	132	0.0002	0.000147
KV-8	15/12/2011	0.00034	0.00185	<0.002	0.41	0.00088	3.4	0.000008	1.53	0.237	83		0.000004		0.00004	<0.0005	0.00244	<0.0002	0.129	<0.0001	0.0009	0.00022	0.00152	0.0546	<0.00001	<0.000005	<0.05	0.000505	122	<0.0001	0.000146
KV-48	12/07/2011	<0.001	0.004		<1	<0.0008	<2	<0.0001	1	0.387	229		0.00026		<0.005	<0.01	<0.0001	<0.005	0.065	<0.002	0.029	<0.0005	<0.0004	0.013	<0.0002	<0.001	<0.1	0.0079	245	<0.002	<0.0005
KV-48	25/10/2011	<0.0005	0.0059	<0.02	0.7	<0.0004	<1	<0.00005	1.7	0.538	311		0.00065		<0.0001	<0.005	0.0001	<0.002	0.104	<0.001	0.007	0.0002	0.0004	0.0066	<0.00005	<0.00003	<0.3	0.0119	311	<0.0005	0.00177
KV-49	26/05/2011	<0.00005	0.00105	0.007	0.22	0.00021	1.9	0.000014	0.65	0.111	63	<0.00002	<0.000002	0.000012	<0.00001	<0.0005	0.000011	<0.0002	0.0237	<0.0001	0.0423	0.00014	0.00025	0.0457	<0.00001	<0.000005	<0.05	0.000228	61.4	0.0004	0.000063
KV-49	16/08/2011																														
KV-49	22/09/2011	0.00013	0.00115	0.015	0.18	0.00011	3.2	0.000016	1.24	0.211	121	<0.00002	<0.000002	0.000008	0.00014	<0.0005	0.000008	0.0002	0.0281	<0.0001	0.011	0.00014	0.00015	0.0405	<0.00001	<0.000005	<0.05	0.000387	117	0.0002	0.000031
KV-49	31/10/2011																														
KV-49	20/12/2011																														
KV-50	26/05/2011	0.00017	0.00848	0.014	0.35	0.00017	4.03	0.000007	1.19	0.217	136	<0.00002	0.000007	0.000009	<0.00001	0.0007	0.00176	<0.0002	0.133	<0.0001	0.0075	0.00017	0.0148	0.0284	<0.00001	<0.000005	<0.05	0.000215	159	0.0003	0.00548
KV-50	22/06/2011	0.00018	0.0125	0.06	0.43	0.00035	5.27	0.000018	2.31	0.306	187	<0.00002	0.000018	0.00007	0.00001	0.0062	0.00301	0.0005	0.196	<0.0001	0.0015	0.00019	0.0131	0.0284	<0.00001	<0.000005	<0.05	0.000283	201	0.0002	0.00645
KV-50	17/08/2011	0.00036	0.0069	0.06	<0.3	0.00093	5.1	0.000039	1	0.148	<50		0.00005	0.0001	<0.0002	0.019	0.00042	0.0017	0.078	0.0002	0.0274	0.00064	0.0124	0.0385	<0.00001	<0.000005	<0.05	0.000806	65.2	0.0003	0.00223
KV-50	22/09/2011	0.00177	0.0313	0.44	1.2	0.00071	14.1	0.000484	1.7	0.295	152	0.00002	0.000116	0.00174	0.0003	0.192	0.00353	0.02	0.261	0.0012	0.0036	0.00038	0.0189	0.0254	<0.00001	<0.000005	<0.05	0.000016	190	0.0002	0.00623
KV-50	31/10/2011	0.0003	0.0178	0.09	0.47	0.00027	5.1	0.000006	1.71	0.308	194	<0.00002	0.000027	0.000042	0.00028	0.0201	0.00243	0.0022	0.205	<0.0001	0.0596	0.00024	0.0281	0.0205	<0.00001	<0.000005	<0.05	0.000108	204	0.0001	0.00915
KV-50	26/11/2011	0.00029	0.0169	0.045	0.47	0.00027	5	0.000033	1.71	0.299	187		0.00002		0.00006	0.0076	0.00244	0.0008	0.19	<0.0001	0.0016	0.00019	0.0251	0.021	<0.00001	<0.000005	<0.05	0.000154	211	0.0002	0.00941
KV-50	20/12/2011	0.00025	0.0173	0.017	0.4	0.00029	4.3	0.000016	1.72	0.31	189		0.000018		<0.00001	0.0024	0.00217	<0.0002	0.204	<0.0001	0.001	0.00019	0.0242	0.0223	<0.00001	<0.000005	<0.05	0.000196	209	<0.0001	0.00913
KV-51	26/05/2011	0.00007	0.00347	0.014	0.26	0.0002	2.6	0.000022	0.81	0.146	84	<0.00002	0.000003	0.00001	<0.00001	0.0006	0.000597	<0.0002	0.0599	<0.0001	0.0306	0.00015	0.00424	0.0404	<0.00001	<0.000005	<0.05	0.000231	85.3	0.0003	0.00165
KV-51	31/10/2011	0.00034	0.0176	0.079	0.46	0.00027	5.1	0.000008	1.75	0.312	200	0.00002	0.000024	0.000041	0.00009	0.0188	0.00249	0.0021	0.2	<0.0001	0.0034	0.00022	0.0263	0.0206	<0.00001	<0.000005	<0.05	0.000068	207	<0.0001	0.00884
KV-52	13/01/2011	0.00017	0.00109	0.007	0.29	0.00149	3.71	0.000009	1.48	0.18	70	<0.00002	<0.000002	0.000017	<0.00001	<0.0005	0.00547	<0.0002	0.0786	0.0001	0.0075	0.00009	0.00057	0.0792	<0.00001	<0.000005	<0.05	0.00112	97	0.0006	0.000021
KV-52	19/04/2011	0.00018	0.00114	0.005	0.37	0.00144	3.56	<0.000005	1.49	0.196	69	<0.00002	<0.000002	<0.000005	0.00001	<0.0005	0.00633	<0.0002	0.0731	<0.0001	0.0017	0.00013	0.00068	0.0838	<0.00001	<0.000005	<0.05	0.00118	110	0.0004	0.000019
KV-52	26/05/2011	0.00017	0.00118	0.006	0.37	0.00136	3.81	<0.000005	1.34	0.182	81	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.00579	<0.0002	0.2	<0.0001	0.0049	0.0002	0.00075	0.0828	<0.00001	<0.000005	<0.05	0.00275	95.8	0.0003	0.000031
KV-52	22/06/2011	0.00014	0.0012	0.005	0.32	0.0015	3.84	0.000005	1.55	0.22	93	<0.00002	<0.000002	<0.000005	0.00009	<0.0005	0.00642	<0.0002	0.153	<0.0001	0.0032	0.00012	0.00065	0.0963	<0.00001	<0.000005	<0.05	0.00214	109	0.0002	0.000021
KV-52	19/07/2011	0.0002	0.00132	0.01	0.27	0.00101	3.4	<0.000005	1.29	0.165	67	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.00379	<0.0002	0.128	<0.0001	0.0061	0.00013	0.00072	0.0728	<0.00001	<0.000005	<0.05	0.00183	88.5	0.0003	0.00002
KV-52	22/09/2011	0.00018	0.00102	0.009	0.31	0.00125	3.4	0.000032	1.34	0.184	75	<0.00002	<0.000002	<0.000005	0.00007	<0.0005	0.00588	<0.0002	0.158	<0.0001	0.0011	0.00012	0.00062	0.082	<0.00001	<0.000005	<0.05	0.00236	94.1	0.0003	0.000012
KV-52	31/10/2011	0.00016	0.00087	0.003	0.29	0.00142	3.5	0.00001	1.39	0.185	73	<0.00002	<0.000002	<0.000005	0.00008	<0.0005	0.00552	<0.0002	0.123	<0.0001	0.0021	0.00012	0.0006	0.0751	<0.00001	<0.000005	<0.05	0.00208	94.2	<0.0001	0.000009
KV-52	26/11/2011	0.00016	0.00092	0.006	0.29	0.0014	3.5	0.000005	1.45	0.173	67		<0.000002		0.00008	<0.0005	0.00537	<0.0002	0.125	<0.0001	0.0024	0.00012	0.00066	0.0849	<0.00001	<0.000005	<0.05	0.00226	119	0.0003	0.000016
KV-52	20/12/2011	0.00014	0.001	0.003	0.28	0.00139	3.4	0.000006	1.5	0.187	71		<0.000002		<0.00001	<0.0005	0.0051	<0.0002	0.151	<0.0001	0.0008	0.00013	0.00061	0.0881	<0.00001	<0.000005	<0.05	0.00213	102	<0.0001	0.000016
KV-54	26/05/2011	0.00009	0.0011	0.02	0.19	0.00019	1.56	0.000472	0.31	0.0321	<10	<0.00002	0.000017	0.000014	<0.00001	0.0012	0.000103	<0.0002	0.0149	<0.0001	0.0694	0.00052	0.00045	0.0349	<0.00001	<0.000005	<0.05	0.00032	8.81	0.0004	0.000111
KV-54	13/07/2011	0.00024	0.00032	0.002	0.11	0.00044	2.55	0.00001	0.72	0.0906	16	<0.00002	<0.000002	0.000008	<0.00001	<0.0005	0.000337	<0.0002	0.0022	<0.0001	0.0109	0.00031	0.00038	0.051	<0.00001	<0.000005	<0.05	0.000073	28.1	0.0003	0.000016
KV-54	30/10/2011	0.0003	0.00018	0.002	0.18	0.00106	3	0.000006	1	0.144	30	<0.00002	<0.000002	<0.000005	0.00006	<0.0005	0.00104	<0.0002	0.0022	<0.0001	0.0043	0.00023	0.00047	0.0584	<0.00001	<0.000005	<0.05	0.000078	42.9	<0.0001	0.000008
KV-79	26/05/2011	0.00022	0.00443	0.014	0.51	0.00038	2.92	0.000014	0.94	0.166	88	<0.00002	0.000002	0.00001	<0.00001	0.0017	0.00217	<0.0002	0.573	<0.0001	0.0158	0.00019	0.00591	0.0398	<0.00001	<0.000005	<0.05	0.00461	102	0.0003	0.000912
KV-79	19/07/2011	0.00029	0.00787	0.013	0.24	0.00046	2.58	0.00008	1.45	0.213	113	<0.00002	0.000029	0.000008	<0.00001	0.0005	0.0024	<0.0002	7.89	<0.0001	0.0103	0.00051	0.0056	0.0298	<0.00001	<0.000005	<0.05	0.102	115	0.0003	0.00169
KV-79	31/10/2011	0.00024	0.00574	0.006	0.43	0.00086	4.3	0.000015	1.57	0.26	142	<0.00002	<0.000002	<0.000005	0.00006	<0.0005	0.00408	<0.0002	0.307	<0.0001	0.0037	0.0002	0.0033	0.0484	<0.00001	<0.000005	<0.05	0.0016	156	<0.0001	0.003
KV-80	26/05/2011	0.00021	0.00381	0.016	0.48	0.00047	2.97	0.00001	0.97	0.164	86	<0.00002	<0.000002	0.000011	<0.00001	0.0006	0.00253	<0.0002	0.0824	<0.0001	0.0159	0.00019	0.00548	0.0408	<0.00001	<0.000005	<0.05	0.000624	100	0.0004	0.000729
KV-80	19/07/2011	0.00032	0.00348	0.009	0.11	0.0004	2.2	0.000005	1.43	0.191	109	<0.00002	<0.000002	0.000005	<0.00001	0.0005	0.00226	<0.0002	0.104	<0.0001	0.0095	0.00026	0.00518	0.0243	<0.00001	<0.000005	<0.05	0.000831	119	0.0003	0.000411
KV-80	31/10/2011	0.00044	0.00675	0.023	0.41	0.00066	4.2	0.000045	1.99	0.281	103	<0.00002	0.000007	<0.000005	0.00012	0.0011	0.00338	<0.0002	0.657	<0.0001	0.0045	0.00034	0.029	0.0632	<0.00001	<0.000005	<0.05	0.000445	132	<0.0001	0.00188

Appendix L-3. Water Quality Data for Christal Creek Catchment

Station Name	Sample Date	Cu-D	Fe-D	Pb-D	Li-D	Mg-D	Mn-D	Hg-D	Mo-D	Ni-D	P-D	K-D	Se-D	Si-D	Ag-D	Na-D	Sr-D	S-D	Te-D	Tl-D	Th-D	Sn-D	Ti-D	U-D	V-D	Zn-D	Zr-D
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
KV-6	12/01/2011	0.00009	0.016	0.000171	0.0137	25.1	1	0.00002	0.00016	0.00393	0.004	0.41	0.00093	4.03	0.000025	1.61	0.239	121	<0.00002	0.000002	0.000015	0.00001	<0.0005	0.0045	<0.0002	0.0982	0.0004
KV-6	08/02/2011	0.00018	0.029	0.000306	0.0156	26.1	1.48	<0.00001	0.00021	0.00451	0.008	0.5	0.00084	3.48	0.000011	1.6	0.252	134	<0.00002	0.000002	<0.000005	<0.00001	<0.0005	0.00421	<0.0002	0.0831	0.0001
KV-6	22/03/2011	0.00043	0.123	0.000517	0.0162	27.3	1.35	<0.00001	0.00018	0.00462	0.005	0.55	0.00089	4.34	<0.000005	1.71	0.271	139	0.00003	<0.000002	<0.000005	<0.00001	<0.0005	0.00486	<0.0002	0.0769	<0.0001
KV-6	19/04/2011	0.00032	0.095	0.000271	0.0163	27.1	1.01	<0.00001	0.00017	0.00462	0.012	0.53	0.00085	4.46	<0.000005	1.64	0.269	137	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.00501	<0.0002	0.0729	0.0002
KV-6	25/05/2011	0.00096	0.277	0.00465	0.0082	14.1	0.476	<0.00001	0.00021	0.00354	0.008	0.47	0.0004	2.61	0.000018	0.97	0.16	77	<0.00002	<0.000002	0.00001	0.00002	0.0005	0.00238	<0.0002	0.22	<0.0001
KV-6	22/06/2011	0.00108	0.059	0.00216	0.0115	25.1	0.258	<0.00001	0.00026	0.00239	0.006	0.25	0.00078	2.14	0.000012	1.63	0.245	122	<0.00002	0.000007	<0.000005	0.00011	<0.0005	0.00429	<0.0002	0.201	<0.0001
KV-6	13/07/2011	0.00058	0.056	0.00143	0.0098	21.9	0.257	<0.00001	0.00029	0.00236	0.004	0.19	0.00064	2.44	0.000006	1.41	0.212	110	<0.00002	<0.000002	0.000008	0.00001	<0.0005	0.00381	<0.0002	0.173	<0.0001
KV-6	17/08/2011	0.00068	0.081	0.00105	0.0118	23.9	0.303		0.00025	0.00304	0.006	0.34	0.00069	3.1	<0.000005	1.51	0.229	117		<0.000002		0.00001	<0.0005	0.00392	<0.0002	0.208	<0.0001
KV-6	24/09/2011	0.00032	0.072	0.000328	0.0139	22.1	0.428	<0.00001	0.0004	0.00259	0.007	0.41	0.0008	3.3	<0.000005	1.36	0.247	116	<0.00002	<0.000002	<0.000005	0.0001	<0.0005	0.0046	<0.0002	0.262	0.0002
KV-6	29/10/2011	0.00015	0.124	0.000755	0.0174	28.8	1.37	<0.00001	0.00022	0.00607	0.004	0.4	0.00092	4.1	<0.000005	1.77	0.259	141	<0.00002	<0.000002	<0.000005	0.00006	<0.0005	0.00436	<0.0002	0.23	<0.0001
KV-6	21/11/2011	0.0003	0.067	0.000474	0.0154	27.2	1.62	<0.00001	0.00018	0.00582	0.005	0.48	0.0009	3.9	<0.000005	1.71	0.25	129	<0.00002	<0.000002	<0.000005	0.00052	<0.0005	0.00459	<0.0002	0.201	<0.0001
KV-6	14/12/2011	0.00066	0.163	0.00064	0.0153	26.5	1.82	<0.00001	0.00018	0.00582	0.003	0.62	0.00096	4.3	<0.000005	1.8	0.259	129		<0.000002		0.00007	<0.0005	0.00386	<0.0002	0.145	<0.0001
KV-7	13/01/2011	0.0002	0.01	0.000071	0.0076	23.9	0.175	0.00001	0.00042	0.00164	<0.002	0.44	0.0009	3.61	0.000021	1.62	0.234	83	<0.00002	0.000002	0.000012	<0.00001	<0.0005	0.00281	<0.0002	0.067	0.0003
KV-7	09/02/2011	0.00018	0.006	0.000746	0.0075	21.6	0.151	<0.00001	0.00033	0.00141	<0.002	0.41	0.00084	2.54	<0.000005	1.36	0.211	80	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.0025	<0.0002	0.071	<0.0001
KV-7	22/03/2011	0.00033	0.01	0.000648	0.0097	28.2	0.117	<0.00002	0.00035	0.00131	0.003	0.69	0.0009	4.25	<0.000005	1.8	0.283	108	0.00003	<0.000002	<0.000005	<0.00001	<0.0005	0.00316	<0.0002	0.135	<0.0001
KV-7	19/04/2011	0.00127	0.014	0.000508	0.0093	24.5	0.0892	<0.00001	0.00037	0.00149	0.005	0.55	0.00074	3.91	<0.000005	1.62	0.273	104	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.00303	<0.0002	0.0768	<0.0001
KV-7	13/05/2011	0.00173	0.162	0.00143	0.0028	8.46	0.081	<0.00001	0.00023	0.00175	0.01	0.62	0.00026	1.86	0.000016	0.61	0.101	28	<0.00002	<0.000002	0.000012	<0.00001	<0.0005	0.000796	<0.0002	0.0846	<0.0001
KV-7	22/06/2011	0.00119	0.05	0.00122	0.007	21.4	0.0303	<0.00001	0.00046	0.0011	<0.002	0.36	0.00064	2.7	0.000019	1.44	0.237	80	<0.00002	0.000004	<0.000005	0.00002	<0.0005	0.00262	<0.0002	0.081	<0.0001
KV-7	20/07/2011	0.00219	0.091	0.00166	0.0024	10.1	0.0368	<0.00001	0.00031	0.00167	0.007	0.18	0.00024	2.2	0.000008	0.72	0.101	28	<0.00002	<0.000002	0.000012	<0.00001	<0.0005	0.000494	<0.0002	0.181	0.0001
KV-7	18/08/2011	0.0013	0.054	0.000549	0.004	15	0.0554		0.00037	0.00137	0.004	0.27	0.00046	2.7	<0.000005	1.12	0.157	46		<0.000002		<0.00001	<0.0005	0.00149	<0.0002	0.0801	<0.0001
KV-7	23/09/2011	0.00051	0.042	0.000289	0.0072	17.6	0.122	<0.00001	0.00045	0.00127	0.004	0.38	0.00075	2.9	<0.000005	1.18	0.216	65	<0.00002	<0.000002	<0.000005	0.00016	<0.0005	0.00241	<0.0002	0.0995	0.0002
KV-7	24/10/2011	0.0003	0.017	0.0001	0.0083	21.2	0.265		0.00038	0.00171	0.005	0.41	0.00087	3.3	<0.000005	1.43	0.224	82		<0.000002		0.00004	<0.0005	0.00226	<0.0002	0.13	<0.0001
KV-7	26/11/2011	0.00046	0.015	0.000151	0.0097	23.5	0.551	<0.000020	0.00037	0.00246	0.008	0.47	0.00094	3.8	<0.000005	1.54	0.239	89		<0.000002		0.00017	<0.0005	0.00264	<0.0002	0.126	<0.0001
KV-7	14/12/2011	0.00038	0.02	0.000273	0.0091	23.5	0.55	<0.00001	0.00036	0.0024	<0.002	0.5	0.00094	3.6	<0.000005	1.64	0.241	92		<0.000002		0.00006	<0.0005	0.0025	<0.0002	0.103	<0.0001
KV-8	09/02/2011	0.00029	0.011	0.000296	0.0084	24	0.0576	<0.00001	0.0003	0.00107	<0.002	0.56	0.00081	2.98	<0.000005	1.52	0.253	93	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.00273	<0.0002	0.141	<0.0001
KV-8	22/03/2011	0.00053	0.03	0.000509	0.0094	31	0.143	<0.00002	0.00035	0.00134	0.005	0.9	0.0009	4.35	<0.000005	1.98	0.304	116	0.00002	0.000003	<0.000005	<0.00001	<0.0005	0.0032	<0.0002	0.213	<0.0001
KV-8	19/04/2011	0.0003	0.014	0.00029	0.009	24.4	0.0691	<0.000002	0.00037	0.00116	0.006	0.51	0.00071	3.93	<0.000005	1.53	0.266	102	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.00293	<0.0002	0.113	<0.0001
KV-8	25/05/2011	0.00372	0.108	0.0146	0.0017	5.45	0.00711	<0.00001	0.00079	0.00529	0.007	0.3	0.00019	1.59	0.000275	0.46	0.0631	16	<0.00002	0.000003	0.000018	0.00004	0.0011	0.000363	<0.0002	0.109	0.0001
KV-8	22/06/2011	0.00109	0.115	0.00411	0.0065	20.6	0.0635	<0.00001	0.00045	0.00127	0.027	0.41	0.00056	2.7	0.000021	1.39	0.233	74	<0.00002	0.000008	<0.000005	0.00002	<0.0005	0.00243	<0.0002	0.106	<0.0001
KV-8	20/07/2011	0.00244	0.107	0.00205	0.0021	9.83	0.0528	<0.00001	0.00029	0.002	0.006	0.18	0.00024	2.33	0.000019	0.67	0.0944	26	<0.00002	<0.000002	0.000012	0.00002	<0.0005	0.000419	0.0003	0.325	0.0002
KV-8	19/08/2011	0.00121	0.059	0.000563	0.0039	14.7	0.0548		0.00036	0.00133	0.003	0.26	0.00046	2.7	0.000007	0.98	0.155	46		<0.000002		<0.00001	<0.0005	0.00143	<0.0002	0.0792	<0.0001
KV-8	24/09/2011	0.0006	0.078	0.000438	0.0068	16.6	0.112	<0.00001	0.00046	0.00121	0.004	0.38	0.00068	2.9	<0.000005	1.09	0.213	62	<0.00002	<0.000002	<0.000005	0.00014	<0.0005	0.00237	<0.0002	0.123	0.0001
KV-8	24/10/2011	0.00037	0.029	0.000173	0.0075	20.7	0.131		0.00035	0.00127	0.004	0.4	0.00083	3.2	<0.000005	1.36	0.227	77		<0.000002		0.00006	<0.0005	0.00225	<0.0002	0.145	<0.0001
KV-8	24/11/2011	0.00061	0.025	0.000269	0.01	25.4	0.233	<0.000020	0.00036	0.00202	0.005	0.5	0.00092	4	<0.000005	1.68	0.249	90		<0.000002		0.00028	<0.0005	0.00266	<0.0002	0.177	<0.0001
KV-8	15/12/2011	0.00015	0.02	0.000118	0.0087	23.4	0.196	<0.00001	0.00036	0.00167	<0.002	0.42	0.00097	3.7	<0.000005	1.6	0.245	89		<0.000002		0.00004	<0.0005	0.00254	<0.0002	0.123	<0.0001
KV-48	12/07/2011	<0.001	0.021	<0.0002	0.018	21	14.9	<0.0002	<0.001	0.002		<1	<0.0008	<2	<0.0001	1	0.414	233		0.00032		<0.005	<0.01	<0.0001	<0.005	0.049	<0.002
KV-48	25/10/2011	<0.0003	0.034	<0.00003	0.026	28	43.2		<0.0003	0.0056	0.01	0.6	<0.0002	<0.5	<0.00003	1.6	0.521	307		0.00061		<0.00005	<0.003	0.00009	<0.001	0.0745	<0.0005
KV-49	26/05/2011	0.00107	0.028	0.000313	0.0019	7.79	0.00674	<0.00001	0.00006	0.00103	0.007	0.19	0.0002	1.89	0.000006	0.66	0.108	59	<0.00002	<0.000002	0.000006	<0.00001	<0.0005	0.000006	<0.0002	0.0247	<0.0001
KV-49	16/08/2011																										
KV-49	22/09/2011	0.00062	0.018	0.000045	0.0014	15.9	0.00257	<0.00001	<0.00005	0.00102	0.007	0.16	0.0001	3.2	<0.000005	1.16	0.217	120	<0.00002	<0.000002	<0.000005	0.00005	<0.0005	0.000006	<0.0002	0.0275	0.0002
KV-49	31/10/2011																										
KV-49	20/12/2011																										
KV-50	26/05/2011	0.00031	2.58	0.000204	0.0203	25.6	1.36	<0.00001	0.00018	0.00982	0.009	0.36	0.00018	4.32	<0.000005	1.38	0.235	142	<0.00002	0.00001	0.000015	0.00001	<0.0005	0.00202	<0.0002	0.146	<0.0001
KV-50	22/06/2011	0.00021	2.49	0.000063	0.0246	32.7	1.55	<0.00001	0.00018	0.0115	0.003	0.38	0.00032	4.71	<0.000005	2.26	0.321	169	<0.00002	0.000011	<0.000005	<0.00001	<0.0005	0.00318	<0.0002	0.17	<0.0001
KV-50	17/08/2011	0.00114	1.14	0.000096	0.0084	11	0.401		0.00028	0.00518	0.01	0.25	0.00097	4.6	<0.000005	1.05	0.163	43		0.000034		<0.00001	<0.0005	0.00037	<0.0002	0.0726	0.0001
KV-50	22/09/2011	0.00005	2.29	0.000037	0.0287	26.8	1.67	<0.00001	0.00076	0.00854	0.007	0.4	0.00052	4.2	<0.000005	1.46	0.281	166	<0.00002	<0.000002	<0.000005	0.00001	<0.0005	0.0027	<0.0002	0.0809	0.0004
KV-50	31/10/2011	0.00056	4.72	0.000673	0.0324	32.9	2.07	<0.00001	0.00025	0.0136	0.016	0.4	0.00025	4.2	<0.000005	1.67	0.306	186	0.00002	0.000003	<0.000005	0.00006	0.0017	0.00229	<0.0002	0.152	<0.0001
KV-50	26/11/2011	0.00012	4.38	0.000052	0.034	35	2.14	<0.000020	0.00025	0.0158	0.012	0.42	0.00025	4.4	<0.000005	1.73	0.297	190		0.000002		0.00005	<0.0005	0.00235	<0.0002	0.173	<0.0001
KV-50	20/12/2011	0.00024	3.85	0.000106	0.0353	30.5	2.23	<0.000010	0.00025	0.0152	<0.002	0.4	0.00034	4	<0.000005	1.61	0.314	177		0.000004		<0.00001	<0.0005	0.00209	<0.0002	0.188	<0.0001
KV-51	26/05/2011	0.00093	0.724	0.00132	0.0071	12.6	0.415	<0.00001	0.00008	0.00379	0.007	0.25	0.00019	2.41	0.00001	0.85	0.146	80	<0.00002	0.000003	0.000008	<0.00001	<0.0005	0.000662	<0.0002	0.0616	<0.0001
KV-51	31/10/2011	<0.00005	4.06	0.000312	0.0317	32.7	2.05	<0.00001	0.00027	0.013	0.01	0.38	0.00027	4.2	<0.000005	1.63	0.304	186	0.00003	<0.000002	<0.000005	0.00006	<0.0005	0.00233	<0.0002	0.143	<0.0001
KV-52	13/01/2011	0.00023	0.012	0.000074	0.004	20.9	0.002	<0.00001	0.00016	0.001	0.004	0.28	0.00138	3.39	0.000012	1.46	0.178	69	<0.00002	<0.000002	0.000025	<0.00001	<0.0005	0.00536	<0.0002	0.0728	0.0001
KV-52	19/04/2011	0.00028	0.012	0.000303	0.0043	21.8	0.00473	<0.00001	0.00017	0.00109	0.006	0.32	0.00141	3.84	<0.000005	1.45	0.191	75	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.0063	<0.0002	0.069	<0.0001
KV-52	26/05/2011	0.00062	0.014	0.000812	0.0038	21	0.00492	<0.00001	0.00018	0.00131	0.004	0.35	0.00126	3.41	0.000008	1.41	0.179	72	<0.00002	<0.000002	<0.000005	0.00002	<0.0005	0.00634	<0.0002	0.208	<0.0001
KV-52	22/06/2011	0.00088	0.011	0.0016	0.0041	24.1	0.00523	<0.00001	0.00016	0.00131	0.004	0.36	0.00142	3.55	0.000008	1.58	0.209	84	<0.00002	<0.000002	<0.000005	0.00004	<0.0005	0.00649	<0.0002	0.153	<0.0001
KV-52	19/07/2011	0.00102	0.021	0.000182	0.0032	19.7	0.00304	<0.00001	0.0002	0.00119	0.005	0.27	0.001	3.4	<0.000005	1.29	0.165	68	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.00377	<0.0002	0.122	<0.0001
KV-52	22/09/2011	0.0004	0.009	0.000093	0.0042	19.8	0.00276	<0.00001	0.00017	0.00099	0.005	0.3	0.00137	3.3	<0.000005	1.3	0.19	71	<0.00002	<0.000002	<0.000005	0.00002	<0.0005	0.00614	<0.0002	0.149	<0.0001
KV-52	31/10/2011	0.00026	0.004	0.000142	0.0041	20.6	0.00211	<0.00001	0.00016	0.00083	0.003	0.28	0.00151	3.4	<0.000005	1.46	0.188	69	<0.00002	<0.000002	<0.000005	0.00006	<0.0005	0.00601	<0.0002	0.135	<0.0001
KV-52	26/11/2011	0.00039	0.007	0.000089	0.0049	26	0.00192	<0.00001	0.00019	0.00108	0.006	0.36	0.00167	4.3	<0.000005	1.87	0.209	82		<0.000002		0.00008	<0.0005	0.00631	<0.0002	0.15	<0.0001
KV-52	20/12/2011	0.00024	0.006	0.000194	0.0044	18.6	0.00233	<0.00001	0.00015	0.00081	<0.002	0.26	0.00158	3.4	<0.000005	1.35	0.194	65		<0.000002		0.00001	<0.0005	0.00494	<0.0002	0.133	<0.0001
KV-54	26/05/2011	0.0022	0.038	0.0509	0.0005	1.62	0.00765	<0.00001	0.00009	0.00113	0.008	0.18	0.00019	1.52	0.000247	0.34	0.0309	<10	<0.00002	0.000009	0.000017	<0.00001	0.0005	0.000102	<0.0002	0.0142	<0.0001
KV-54	13/07/2011	0.00055	0.004	0.00206	0.001	4.77	0.00029	<0.00001	0.00025	0.00031	<0.002	0.12	0.00046	2.68	0.000007	0.72	0.0894	17	<0.00002	<0.000002	0.000005	0.00001	<0.0005	0.000357	<0.0002	0.0028	<0.0001
KV-54	30/10/2011	0.00032	0.002	0.00129	0.0016	7.87	0.00026	<0.00001	0.00032	0.00019	0.003	0.17	0.00102	2.8	<0.000005	1.09	0.147	29	<0.00002	<0.000002	<0.000005	0.0001	<0.0005	0.00116	<0.0002	0.0026	<0.0001
KV-79	26/05/2011	0.00067	0.301	0.00134	0.0087	13.9	1.16	<0.00001	0.00022	0.00461	0.01	0.47	0.00035	2.7	0.000009	0.95	0.163	79	<0.00002	<0.000002	0.000008	<0.00001	<0.0005	0.00242	<0.0002	0.603	<0.0001
KV-79	19/07/2011	0.00067	0.169	0.00483	0.0093	20.5	4.44	<0.00001	0.00026	0.00784	0.007	0.24	0.00046	2.59	0.000022	1.39	0.21	109	<0.00002	0.000023	<0.000005	<0.00001	<0.0005	0.00239	<0.0002	8.04	<0.0001
KV-79	31/10/2011	0.00067	0.218	0.000639	0.0174	27.7	1.59	<0.00001	0.00024	0.00629	0.005	0.43	0.00088	3.9	<0.000005	1.71	0.261	135	<0.00002	<0.000002	<0.000005	0.00023	<0.0005	0.00436	<0.0002	0.291	<0.0001
KV-80	26/05/2011	0.00067	0.276	0.000658	0.0082	14.7	0.58	<0.00001	0.00022	0.00406	0.009	0.46	0.0004	2.59	0.000006	0.99	0.16	78	<0.00002	<0.000002	0.000008	<0.00001	<0.0005	0.0026	<0.0002	0.0662	<0.0001
KV-80	19/07/2011	0.00067	0.044	0.000178	0.0102	21	0.394	<0.00001	0.00031	0.00352	0.007	0.11	0.0004	2.22	<0.000005	1.43	0.195	108	<0.00002	<0.000002	<0.000005	<0.00001	<0.0005	0.00227	<0.0002	0.114	<0.0001
KV-80	31/10/2011	0.00067	0.711	0.000815	0.0105	23.5	2.31	<0.00001	0.00022	0.00595	0.004	0.4	0.00068	4.1	<0.000005	1.93	0.272	100	<0.00002	<0.000002	<0.000005	0.00009	<0.0005	0.00373	<0.0002	0.472	<0.0001

Appendix M

WATER QUALITY ASSESSMENT REPORT FOR UNITED KENO HILL MINES

Report Prepared for:

Elsa Reclamation and Development Company
Whitehorse, Yukon

Report Prepared by:

Minnow Environmental Inc.
2 Lamb Street
Georgetown, Ontario
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July 2008

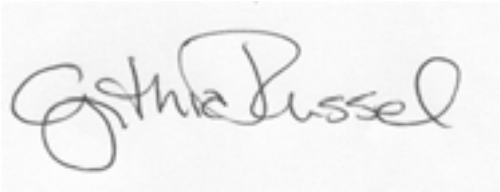
WATER QUALITY ASSESSMENT REPORT FOR UNITED KENO HILL MINES

Report Prepared for:

Elsa Reclamation and Development Company
Whitehorse, Yukon

Report Prepared by:

Minnow Environmental Inc.



Cynthia Russel, B.Sc.
Project Manager



Patti Orr, M.Sc.
Technical Reviewer

July 2008

EXECUTIVE SUMMARY

United Keno Hill Mines Limited and UKH Minerals Ltd. were the previous owners of the properties located on and around Galena Hill, Keno Hill, and Sourdough Hill collectively known as the United Keno Hill Mining Property (UKHM). The UKHM is located in north-central Yukon Territory and is comprised of approximately 827 mineral claims covering the three mountains ("hills" named above) over an area of approximately 15,000 ha (about 29 km long and 8 km wide). Associated with the site are abandoned adits, buildings/structures, and waste material which represent a source of contaminants to the downstream watersheds.

In June 2005, Alexco Resource Corp was selected as the preferred purchaser of the UKHM assets. Alexco's subsidiary Elsa Reclamation and Development Company (ERDC) is required to develop a Reclamation Plan for the Existing State of the Mine.

As part of the closure planning process, long-term water quality performance will need to be assessed relative to relevant water uses and closure plan options. It is expected that historical sources associated with the UKHM may not allow for generic water quality guidelines to be achieved at all downstream locations and that alternative targets may need to be developed, depending on water use goals. In order to identify the parameters and locations of concern at the UKHM site, ERDC retained Minnow Environmental Inc. to assess the water quality data available for creeks and rivers downstream of the various UKHM sources.

Water quality data were compiled, evaluated and interpreted to identify parameters and locations of concern within the downstream waters relative to established guidelines and background. This information, combined with toxicity data and watershed use objectives, may then be use to develop an approach for water quality management, goals and objectives relative to identified water uses.

All water quality data were downloaded from the water quality database developed and managed for the UKHM by Access Consulting Group. At the time the data were downloaded, sample results were available for the period up to June 2007. Water quality data for 20 stations were analyzed in detail, including stations located on permanent surface water courses located upstream (reference/background) and downstream (exposed) of mine-related disturbances or inputs (e.g., adits, roads, rock piles, buildings, etc.). Analytical data for most of the selected stations dated back to the mid-1980's, however, sporadic data and poor method detection limits prior to 1994 limited the value of the older data and restricted the period of assessment to 1994-2007. Within this period, older data for some parameters was still hampered by inadequate analytical method detection limits and some data sets

were further truncated to the period mid-2004 - 2007. In total, analytical results corresponding to more than 2,000 individual data points were examined.

The upper range of background concentrations of some parameters, including aluminum, cadmium, copper, iron, phosphorus, sulphate, and zinc, exceeded federal or alternative guidelines for protection of aquatic life. The concentrations of numerous parameters measured at stations within the various watersheds downstream of UKHM exceeded both the applicable guideline and background benchmark in at least 10% of samples. However, a much smaller set of parameters and locations showed elevations above both the guideline and background benchmark in 50% or more of samples (i.e., median value): aluminum, arsenic, cadmium, chromium, copper, iron, lead, manganese, nitrite, phosphorus, selenium, silver, sulphate, and zinc. These generally occurred in the tributaries located immediately downstream of mine sources (Christal Creek, Lightning Creek, Flat Creek and No Cash Creek). In no instance did the median concentration of any parameter exceed both the guideline and background benchmark at South McQuesten River stations.

Contaminants of concern (COCs) were identified based on elevated frequency and magnitude of exceedance relative to both guideline or background (i.e., whichever value was higher); COCs were identified as cadmium and zinc. Other substances identified as having a high frequency and/or magnitude of exceedance above benchmarks (i.e., potential contaminants of concern; PCOCs): aluminum, arsenic, chromium, copper, manganese, nitrite, phosphorus, selenium and silver, lacked sufficient data and/or adequate analytical method detection limits at some or all stations to make a definitive conclusion regarding current risks to aquatic biota. Additional data need to be collected to determine if these substances should be considered mine-related COCs. There was also insufficient data (data for too few samples within and/or among locations) to make any assessment of mercury and cyanide concentrations, so these parameters also cannot be ruled out as COCs at this time.

Statistically significant decreases in zinc over time were indicated at most stations, with the most substantial decrease occurring at Christal Creek station KV-29 and immediately downstream at KV-30 between 2004 and 2007. Since 2006, remediation and treatment of the Galena 300 adit (primary source captured at KV-29) has occurred, which will likely result in additional future improvements in zinc concentrations downstream of this source. While no trends in cadmium were detected, this is likely due to the short time frame assessed (mid-2004 to 2007) relative to zinc (1994 to 2007). However, cadmium concentrations strongly correlated with zinc concentrations among stations, suggesting that cadmium concentrations have likely also decreased in Christal Creek over the same time period (1994 to 2007).

Based on toxicity data available in the scientific literature, concentrations of the COCs are below effect thresholds within the South McQuesten River. However, it is likely that concentrations of cadmium and zinc in some tributary areas may periodically be high enough to cause toxicity to some species.

Canadian water quality guidelines (CWQG) are currently being updated for cadmium and zinc, and conclusions presented herein should be revisited once available. However, even if the guidelines are raised somewhat, it is considered unlikely that water quality in tributaries immediately downstream of the UKHM discharges/sources will achieve these levels due to historical sources within the watershed. It is also expected that the development of site-specific water quality objectives (SSWQO) would be unlikely to result in values that could be achieved in these same areas, so an alternative approach for setting water quality expectations should be considered for these historically affected areas.

It is expected that concentrations within the South McQuesten River downstream of the UKHM will continue to meet water quality guidelines or background benchmark.

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1.0 INTRODUCTION

1.1 Background

United Keno Hill Mines Limited and UKH Minerals Ltd. were the previous owners of the properties located on and around Galena Hill, Keno Hill and Sourdough Hill collectively know as the Keno Hill Mining Property. For the purposes of this report these mining areas are referred to as the United Keno Hill Mining Property (UKHM). The UKHM area is located in north-central Yukon Territory and is comprised of approximately 827 mineral claims spanning three mountains; Galena Hill, Keno Hill and Sourdough Hill and covering an area of approximately 15,000 ha (about 29 km long and 8 km wide; Figures 1.1 and 1.2). Associated with the site are abandon adits, buildings/structures, and waste material which represent a source of contaminants to the downstream watersheds.

In June 2005, Alexco Resource Corp was selected as the preferred purchaser of the UKHM assets. As required in the purchase agreement, Alexco formed a company – Elsa Reclamation and Development Company Ltd. (ERDC), to own and manage the site. ERDC is required to develop a Reclamation Plan for the Existing State of the Mine.

As part of the closure planning process, long-term water quality performance will need to be assessed relative to water uses and closure plan options. It is expected that due to historical sources and background geology associated with the UKHM, concentrations of some parameters may not achieve generic water quality guidelines in all locations and that alternative criteria may need to be developed. In order to identify the parameters and locations of concern at the UKHM site, ERDC retained Minnow Environmental Inc. to undertake a water quality assessment of the available data for the creeks and river downstream of the various UKHM sources.

1.2 Study Objectives

The objective of this assessment was to identify parameters and locations of concern within the downstream waters relative to established guidelines and background concentrations. This information, combined with toxicity data and watershed use objectives, may then be used to develop an approach for water quality goals and management relative to identified water uses.

In addition, this report will serve as a key supporting document for other ERDC initiatives, such as preparation of the Closure Plan and the development of a long-term monitoring program.



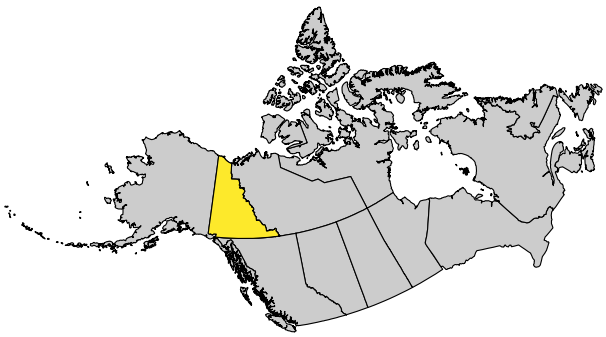
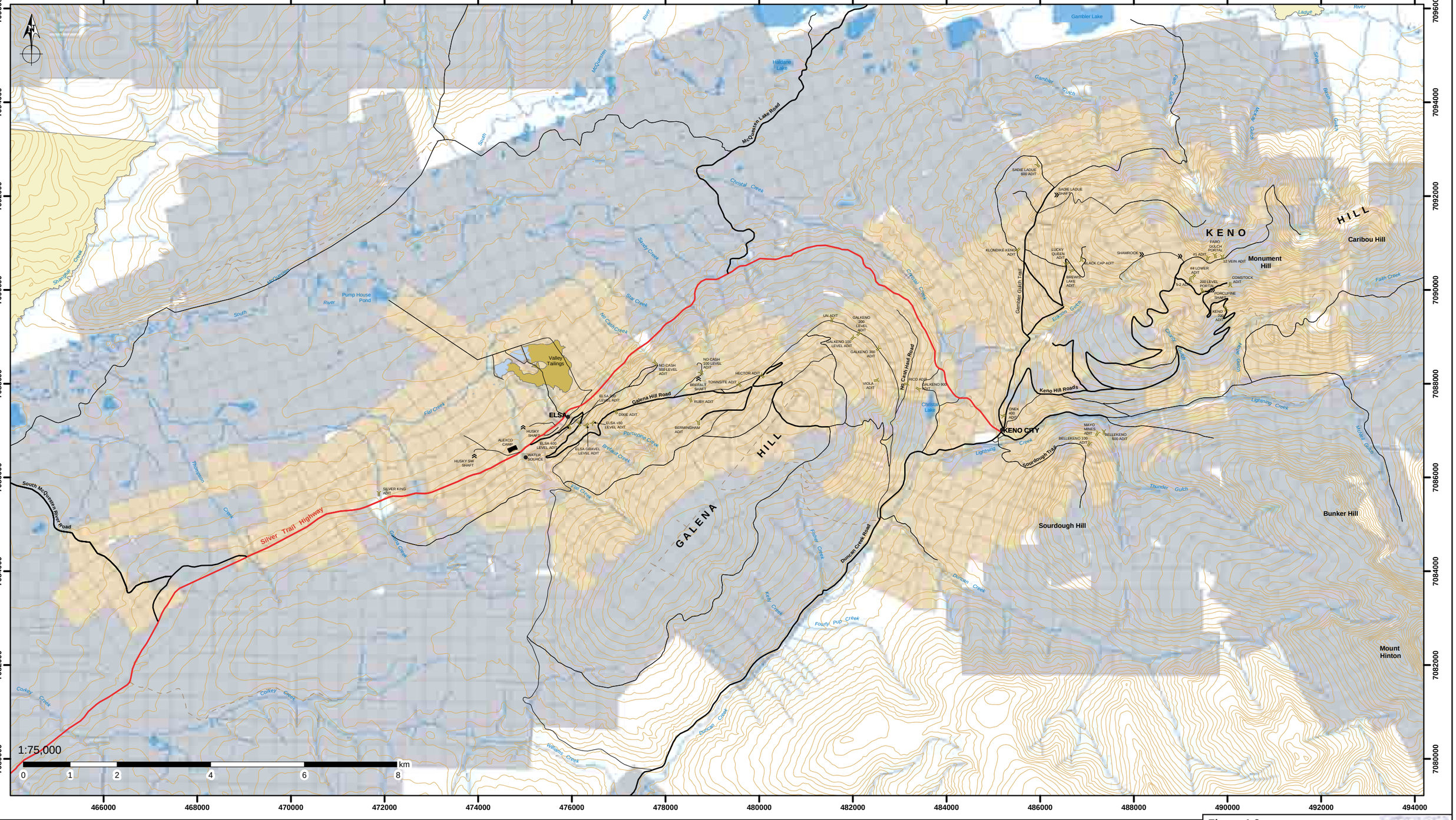


Figure 1.1

General location map of the Yukon Territory.

Ref: 2209
Date: July 2008

Source: Access Consulting Group



Legend

Topography

- Town
- Silver Trail
- Secondary Road
- Limited-use road
- Trail
- Watercourse
- Waterbody

Mine Workings

- Valley Tailings
- Adit
- Shaft (to surface - connection to underground not determined)

Quartz Claims

- United Keno Hill Mines Limited Quartz Claim
- Other Quartz Claim

First Nation Settlement Land

- First Nation Settlement Land

Notes:
This map is for illustrative purposes only.
This is not a legal document.
National Topographic Data Base (NTDB) compiled by Natural Resources Canada at a scale of 1:50,000. Cadastral data compiled by Natural Resources Canada. Reproduced under license from © Her Majesty the Queen in Right of Canada, Department of Natural Resources Canada. All rights reserved.
Quartz claim boundaries are current as of Sept. 15, 2006.
Data source: http://geomaticsyukon.ca.
Ownership is current as of Oct. 12, 2006. Digital claim status report obtained from the Mining Recorder website at http://www.yukonminingrecorder.ca/
Projection: UTM Zone 8 NAD83
NTS Sheet 105M/13 and 105M/14

Figure 1.2

minnow

Keno Hill Property Location Map

Ref: 2209
Date: July 2008

Source: Access Consulting Group

1.3 Approach

In order to meet the study objectives, a progressive assessment of the available water quality data was undertaken which included the following steps:

- Screen all data to identify and remove extreme outliers (i.e., those greater then 3 standard deviations from the mean and other clearly anomalous values) that could bias the assessment;
- Establish a background benchmark for each parameter based on the upper limit of background data distribution (mean + *t* * standard deviation) for the combined data from reference locations KV-1 and KV-37;
- Identify background benchmarks which exceed the appropriate provincial or federal guideline;
- Identify parameters with method detection limits above guidelines, cases which preclude conclusive determination of whether concentrations exceed the guideline;
- Determine the median, mean, standard deviation, minimum and maximum concentration for each parameter at each location;
- Determine which locations exceed background and/or guideline at measurable (10%) and substantial (50%) frequencies;
- Identify the parameters and locations where concentrations are highest (i.e., median value was two times greater than guideline or background, whichever was higher);
- Identify contaminants of concern (COCs) or potential contaminants of concern (PCOCs) based on elevated frequency and magnitude of concentrations relative to both background and guideline;
- Assess the proportion of total concentrations present in filtered (“dissolved”) form for COCs and PCOCs;
- Assess trends over time for COCs to anticipate if concentrations are increasing or decreasing;
- Consider modifying factors and toxicity literature (basis for guideline development) to assess the opportunity for SSWQO development following the Canadian Council of Ministers of the Environment (CCME) guidelines;
- Provide recommendations on the establishment of water quality assessment criteria for the downstream watershed and general recommendations with respect to the current monitoring program.

1.4 Canadian Water Quality Guideline (CWQG) Updates

Environment Canada is in the process of updating the Canadian Water Quality Guidelines (CWQG) for metals. It is generally expected that the guidelines will be revised over the coming two to three years. Since revision to these guidelines could alter any conclusions made with respect to the risks of future aquatic impacts, Minnow identified an opportunity to work with Environment Canada to expedite the development of the guidelines for cadmium and zinc based on common concerns at a number of mine sites across Canada. As part of the contract to undertake a water quality assessment for the UKHM, ERDC participated as a sponsor of the guideline revisions for cadmium and zinc. The development of the revised guidelines is still underway and an update of the process and status is provided in Section 4.0 of this report.

1.5 Report Organization

Section 2.0 describes the type and sources of historical data evaluated in this study, as well as the approaches used to identify and evaluate the PCOCs and COCs and the key locations with elevated concentrations of PCOCs and COCs. The results of the water quality data assessment and the identification of PCOCs and COCs are presented in Section 3.0. Section 4.0 provides an overview of the process and status of revisions to the CWQG for cadmium and zinc. A description of the procedures for the development of Site Specific Water Quality Objectives (SSWQO) and a review of the opportunity to develop SSWQO downstream of UKHM is provided in Section 5.0. The summary and recommendations are provided in Section 6.0. References cited throughout the report are listed in Section 7.0.

2.0 METHODS

2.1 Data Base Used in Water Quality Assessment

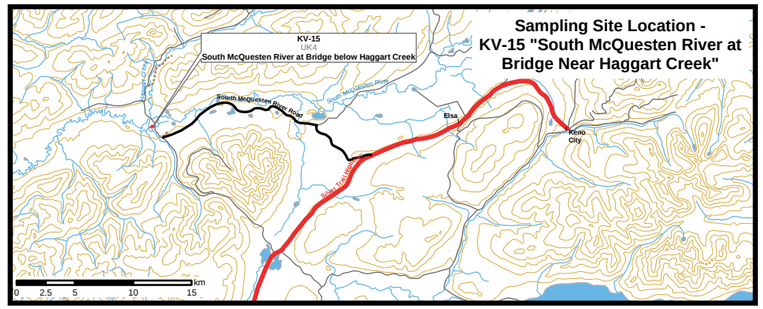
The water quality assessment was based on an electronic database, provided by Access Consulting Group, comprising water quality data for sites within and downstream of the UKHM project area. The primary sources of the water quality data were monitoring programs conducted by Labarge Environmental Services, Access Consulting Group, ERDC, Environmental Protection Services of Environment Canada, UKHM and the Department of Indian and Northern Development (DIAND). Based on station descriptions provided in the Water License and discussions with Access Consulting Group, stations were categorized as receiving environment, reference, source area, or other station types. Only data for receiving environment and reference stations were considered in this assessment. As a result, data from 18 stations located within the various downstream watersheds; Lightning Creek, Christal Creek, No Cash Creek, Flat Creek and the South McQuesten River (Figure 2.1) and two reference stations within the South McQuesten River and Lightning Creek watersheds (KV-1 and KV-37, respectively) were evaluated (Table 2.1).

While data prior to 1994 was available, they were very sporadic and would not readily allow for comparisons between stations. Therefore, the data base used for the water quality assessment spanned the years from 1994 to 2007 (hereafter called the "original database"). In some instances the data base was modified, as described in Sections 2.2.2 and 2.2.3, by the removal of outliers and results reported as being less than the analytical Method Detection Limit (MDL). In cases where the MDL was higher than the applicable water quality guideline such data confounded the interpretation of water quality relative to these guidelines. Samples were often collected on a monthly basis, however there were inconsistencies among stations and water quality parameters with respect to the frequency and timing of sampling within years. In total, analytical data for 50 water quality parameters collected from the 18 receiving environment stations and 2 reference stations (Appendix Tables A.1-A.20) were included in the water quality assessment.

2.2 Data screening

2.2.1 Guidelines

In most cases, water quality parameters were screened against Canadian Water Quality Guidelines (CWQG; CCME 1999) (Table 2.2). British Columbia Water Quality Guidelines (BCWQG; BCMOE 2006) were used in cases where a CWQG was lacking and Provincial



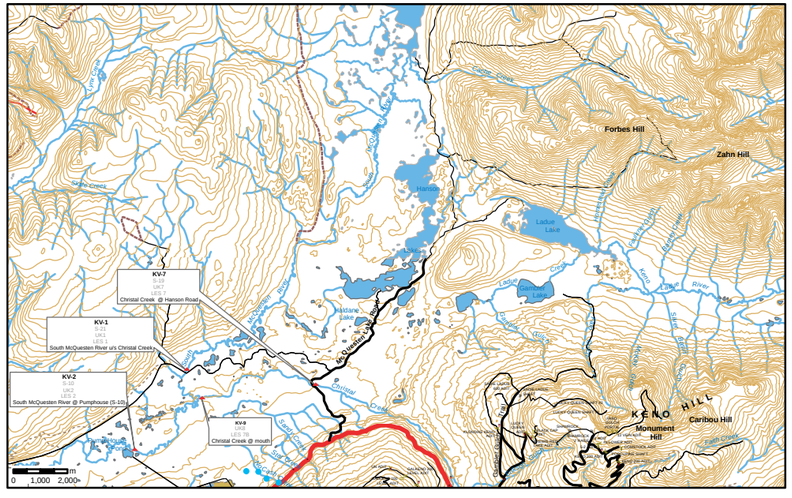


TABLE OF CONCORDANCE						
Old UKHM #	UKHM #	LES SITE #	ACG #	NPG #	KVV	SITE DESCRIPTION
S-01	UK1	LES 1			KV-1	South McQuesten River u/s Christal Creek
S-19	UK2	LES 2			KV-2	South McQuesten River at Pumphouse
S-03	UK5	LES 3			KV-3	South McQuesten River u/s Flat Creek
S-11	UK3	LES 4			KV-4	South McQuesten River d/s Flat Creek
		LES 5			KV-5	South McQuesten River 9 km downstream Flat Creek
S-18	UK6	LES 6	ACG-WQ-05	NPG-02	KV-6	Christal Creek @ Keno Highway
S-19	UK7	LES 7 & LES 51			KV-7	Christal Creek @ Hanson Road
	UK8	LES 8			KV-8	Christal Creek @ mouth
S-9	UK9	LES 9	ACG-WQ-09		KV-9	Flat Creek u/s South McQuesten River
			ACG-WQ-08b		KV-10	Valley Tailings Pond #1 Decant
			ACG-WQ-08b		KV-11	Valley Tailings Pond #2 Decant
S-1	UK12	LES 12	ACG-WQ-08c		KV-12	Valley Tailings Pond #3 Decant
S-13	UK14	LES 13	ACG-WQ-03b	NPG-03	KV-13	Silver King Adit
S-13a		LES 13A	ACG-WQ-03		KV-14	Silver King Treatment Pond #3 Decant
	UK4				KV-15	South McQuesten River at Bridge below Haggart Creek
			ACG-WQ-11 Site A		KV-16	Christal Creek 600 m d/s Silver Trail Highway
S-17	UK16	LES44			KV-17	Bobby South Wall Adit
S-2	UK24	LES 18			KV-18	Buckingham Adit
S-6	UK15	LES 19			KV-19	Bobby Adit
S-4	UK26	LES 20			KV-20	No Cash 500 Adit
		LES 21			KV-21	No Cash Creek @ Keno Highway
S-22	UK21	LES 31			KV-27	Galkeno 300 Adit
			ACG-WQ-12		KV-28	Galkeno 300 Treatment Pond Decant
	UK27a		ACG-WQ-10		KV-29	Silver Trail Culvert #4
			ACG-WQ-10 Site D		KV-30	Christal Creek 825m d/s Silver Trail Highway
S-5	UK25	LES 31 or 51E	ACG-WQ-04b	NPG-04	KV-31	Galkeno 600 Adit
S-22		LES 31B	ACG-WQ-04a		KV-32	Galkeno 600 Treatment Pond Decant
S-6	UK23	LES 35			KV-33	Keno 200 Adit
S-14	UK20				KV-34	Bonny Queen Adit
S-7	UK29	LES 30			KV-35	Sadie Ladue Adit
					KV-36	Sadie and Mabel
S-22	UK31	LES 37			KV-37	Lightning Creek u/s Hope Gulch
		LES 57/NOT			KV-38	Lightning Creek u/s Thunder Gulch
		LES 40			KV-39	Hope Gulch u/s Lightning Creek
		LES 57/NOT			KV-40	Charity Gulch u/s Lightning Creek
S-24	UK33	LES 41			KV-41	Lightning Creek u/s bridge @ Keno City
S-22	UK32	LES 33	ACG-WQ-07b		KV-42	Bellekeno 600 Adit
S-22a		LES 36A	ACG-WQ-07	NPG-07	KV-43	Bellekeno 600 Treatment Pond Decant
S-22b	UK38	LES 36B	ACG-WQ-07c		KV-44	Bellekeno 600 Road
S-8	UK35	LES 42	ACG-WQ-06	NPG-06	KV-45	Onek Adit
S-23	UK37	LES 47			KV-47	Porcupine Diversion Ditch
					KV-48	Hector-Creek u/s Calumet Drain
					KV-49	Hector-Creek u/s Christal Creek
					KV-50	Christal Creek u/s Hanson Creek
					KV-51	Christal Creek d/s Hector Creek
		LES 53			KV-52	Natural spring to Christal Lake at Old Mackinnis mama house
S-9		LES 30			KV-53	Rift Adit
		LES 34			KV-54	Brickson Gulch at Road to Lucky Queen
		LES 45			KV-55	Cindy Creek at Silver Trail Highway
		LES 76			KV-56	Star Creek at Silver Trail Highway
		LES 72			KV-57	Wolverine Creek at South McQuesten River
		LES 73			KV-58	Seepage at toe of #3 dam
		LES 52			KV-59	Galena Creek at mouth (u/s) upstream of Flat Creek
		LES51	ACG-WQ-01		KV-60	Galena Creek upstream of Silver King adit
		LES 48			KV-61	Porcupine Gulch at Calumet Road Crossing
		LES 46			KV-62	Bristol Creek upstream of Porcupine Diversion
		LES 49			KV-63	Trib Creek upstream to Porcupine Diversion
		LES 50			KV-64	Trib Creek at Silver Trail Highway
		LVA14			KV-65	Thunder Gulch upstream of Bellekeno
					KV-66	Dundee Keno Adit
					KV-67	Keno 200 Adit
					KV-68	Shaft Red Lake Adit
					KV-69	Valley Tailings Decant and Seepage u/s Flat Creek
					KV-70	Trib Creek 20m d/s KV-69
					KV-71	Trib Creek 20m d/s KV-69
					KV-72	South McQuesten River at McQuesten Lake
					KV-73	Keno Creek at access road d/s McQuesten Lake

ALEXCO ERDC

Surface Water Quality Stations

Legend

Water Quality
- Station Name
- Historic Station Number
- Site Description
- Water Quality Station

Mine Workings
- Adit
- Shaft (to surface - connection to underground not determined)
- Valley Tailings
- Pit

Topography
- Town
- Silver Trail
- Secondary Road
- Limited-use road
- Trail
- Watercourse
- Waterbody

Figure 2.1

minnow

Sampling Locations Assessed, United Keno

Ref: 2209
Date: May 2008

Source: Access Consulting Group

Table 2.1: Background and receiving environment stations used in water quality assessment

Watershed	Station	Station Descripton	Monitoring Frequency		UTM Coordinates	
			Monthly	Quarterly	Easting	Northing
Background Stations						
South McQuesten River	KV1	South McQuesten River u/s Christal Creek	X	X	474008	7092790
Lightning Creek	KV37	Lightning Creek u/s Hope Gulch		X	490315	7087776
Receiving Environment Stations						
Lightning Creek	KV39	Hope Gulch u/s Lightning Creek		X	490252	7087783
	KV40	Charity Gulch u/s Lightning Creek		X	488982	7087503
	KV38	Lightning Creek u/s Thunder Gulch		X	488193	7087341
	KV41	Lightning Creek u/s bridge @ Keno City		X	485429	7086764
Christal Creek	KV6	Christal Creek @ Keno Highway	X	X	483909	7088242
	KV16	Christal Creek 600 m d/s Silver Trail Highway		X	483887	7088863
	KV29	Silver Trail Culvert #4	X	X	483740	7088792
	KV30	Christal Creek 825m d/s Silver Trail Highway		X	483856	7089091
	KV7	Christal Creek @ Hanson Road	X	X	478657	7092413
	KV8	Christal Creek @ mouth	X	X	474585	7091944
No Cash Creek	KV21	No Cash Creek @ Keno Highway	X	X	477500	7088750
Flat Creek	KV9	Flat Creek u/s South McQuesten River		X	465836	7088410
	KV47	Porcupine Diversion Ditch		X	474516	7088026
South McQuesten River	KV2	South McQuesten River @ Pumphouse		X	472076	7090036
	KV3	South McQuesten River u/s Flat Creek		X	465846	7088534
	KV4	South McQuesten River d/s Flat Creek		X	465618	7088335
	KV5	South McQuesten River 9 km downstream Flat Creek		X	460691	7088873
	KV15	South McQuesten River at Bridge below Haggart Creek		X	449744	7085770

Table 2.2: Parameters and water quality guidelines.

Parameter	Units	CWQG [a]	BCWQG [b]	PWQO (Ontario) [c]
Alkalinity-T	mg/L			
Aluminum	mg/L	0.1[d]	0.05	0.015 - 0.075[e]
Ammonia-N	mg/L	0.24[f]		0.25[f]
Antimony	mg/L			0.02[e]
Arsenic	mg/L	0.005	0.005	0.005[e]
Barium	mg/L		1[g]	
Beryllium	mg/L		0.0053[g]	1.1[h]
Bicarbonate	mg/L			
Bismuth	mg/L			
Boron	mg/L		1.2	0.2[e]
Cadmium	mg/L	0.00005[h]		
Calcium	mg/L			
Carbonate	mg/L			
Chromium	mg/L	0.001[i]		0.0089[i]
Cobalt	mg/L		0.004[e]	0.0009
Conductivity	µS/cm			
Copper	mg/L	0.003[h]	0.006[h]	0.005[e,h]
Cyanide (total)	mg/L	0.005[j]		
Hardness	mg/L			
Hydroxide	mg/L			
Iron	mg/L	0.3		0.3
Lead	mg/L	0.004[h]	0.009[h]	0.005[e,h]
Lithium	mg/L		0.096[g]	
Magnesium	mg/L			
Manganese	mg/L		1.3[h]	
Mercury	mg/L	0.000026[k]	0.000004 - 0.00002[l]	0.0002
Molybdenum	mg/L	0.073	1	0.04[e]
Nickel	mg/L	0.11[h]		0.025
Nitrate Nitrogen	mg/L	13	40	narrative
Nitrite Nitrogen	mg/L	0.06	0.02	0.06
pH	pH units	6.5-9.0	6.5 - 9.0	6.5 - 8.5
Phosphorus	mg/L			0.03[e]
Potassium	mg/L		432[g]	
Selenium	mg/L	0.001	0.002	0.1
Silicon	mg/L			
Silver	mg/L	0.0001	0.0015[h]	0.0001
Sodium	mg/L			
Strontium	mg/L			
Sulphate	mg/L		50	
Sulphur	mg/L			
Thallium	mg/L	0.0008		0.0003[e]
Thorium	mg/L			
Tin	mg/L			
Titanium	mg/L		2[g]	
TDS	mg/L			
TSS	mg/L			
Uranium	mg/L			0.005[e]
Vanadium	mg/L			0.006[e]
Zinc	mg/L	0.03	0.06[h]	0.02[e]
Zirconium	mg/L			0.004[e]

guideline selected for screening

[a] Canadian Water Quality Guidelines (CCME 1999)

[b] British Columbia Water Quality Guidelines (BCMOE 2006)

[c] Provincial Water Quality Objectives (OMOE 1994)

[d] 0.005 mg/L at pH<6.5; 0.1 mg/L at pH ≥ 6.5

[e] interim objective or guideline

[f] based on conservative assumption of pH 8.5 and temperature of 15 ˚C to achieve un-ionized ammonia of <0.02 mg/L

[g] working water quality guideline for British Columbia

[h] hardness dependent; average background value of 162 mg/L used to determine criterion

[i] hexavalent form

[j] based on free cyanide

[k] inorganic mercury

[l] depending on proportion present as methyl mercury

Water Quality Objectives for Ontario (PWQO; OMOE 1994) were chosen in the absence of both CWQG and BCWQG (Table 2.2).

Some water quality guidelines vary on the basis of water hardness (e.g., cadmium, copper, lead, manganese, nickel; CCME 1999, BCMOE 2006). A water hardness of 162 mg/L (as $CaCO_3$) was used to select the appropriate guideline in such cases, as this represented the mean hardness of the pooled reference station data. This value can be considered conservative since median water hardnesses observed at receiving environment stations were often greater than 200 mg/L where toxicity may be somewhat less relative to water with hardness of 162 mg/L (Appendix Table A.41, Figure A.18).

The CWQG for aluminum are pH dependent with a guideline of 0.1 mg/L for waters equal to or greater than pH 6.5 whereas a more protective guideline of 0.005 mg/L applies to waters with a pH of less than 6.5 (CCME 1999). Since receiving environment stations waters were above pH 6.5 in all but one sample, 0.1 mg/L was used as the most relevant guideline for the water quality assessment (Appendix Table A.25, Figure A.2).

The CWQG for ammonia are expressed on the basis of un-ionized ammonia, which comprises an increasingly larger fraction of the total ammonia present in water as either water pH or temperature increase, or both (CCME 1999). Because the temperature and pH of surface waters near UKHM do not typically rise above 15°C or 8.5, respectively, it was considered conservative to use a value of 0.24 mg/L total ammonia as the benchmark, corresponding to the CWQG of 0.019 mg/L un-ionized ammonia under such conditions (Table 2.2).

Although separate CWQG exist for the two main valence states of chromium, laboratory speciation in water samples is not readily commercially available, so the lower value of 0.001 mg/L (for hexavalent chromium; CCME 1999) was used in water quality assessment (Table 2.2). This represents a conservative approach since reported water quality data corresponded to total chromium, whereas the hexavalent form would comprise only a fraction of the total.

The CWQG for cyanide and mercury are based on free or inorganic forms, respectively (CCME 1999); however available water quality data were for total concentrations of these parameters. Although this discrepancy would normally be addressed through interpretation of the data, cyanide and mercury were ultimately excluded from the water quality assessment based on inadequate sample sizes (Sections 2.2.2 and 2.2.3).

Except for total alkalinity (alkalinity-T) and pH, water concentrations of potential concern are those that are higher than selected benchmarks. In the case of total alkalinity and pH,

it is values below the benchmark that are of greatest interest in terms of potential effects to aquatic biota downstream of UKHM, and the data were evaluated accordingly.

2.2.2 Background Concentrations

Surface waters in mineralized areas often have metal concentrations that exceed generic water quality guidelines for the protection of aquatic life. In order to address this issue, data collected from two reference stations (KV-1 and KV-37) were summarized and used, in addition to applicable water quality guidelines, for evaluating water quality data at stations located downstream of the UKHM (Section 2.2.3). Background data also provided a basis for evaluating water quality parameters lacking an available guideline. However, since background data were available for only two stations, the full range of natural variability within the affected watersheds may not have been captured. The implications of this are discussed in Sections 3.0 and 5.0. Furthermore, there has been some concern recently that the water quality at KV-1 may be impacted by an unknown upstream source resulting in an observed increase in loading at KV-1 in 2007 (Dan Cornett, Access Consulting Group, pers. comm.). In order to address this issue, ERDC has added an additional reference location further upstream of KV-1 on the South McQuesten River (KV-72); however only two sets of sample data were available for this station, so its use as an appropriate reference area cannot be presently assessed. For the purpose of this assessment, it was assumed that the data used for KV-1 (up to 2007) was not yet affected by the suspected upstream source load. A comparative assessment of the two background stations on the South McQuesten River, and the background values presented herein, should be undertaken when more data for KV-72 are available.

Manipulation of Background Data Sets

Prior to using background data in water quality assessment, reference station data were evaluated and modified by the removal of data deemed to be problematic (Table 2.3; Appendix Tables A.1 and A.2). To this end, each water quality parameter underwent an initial screening process to remove outliers. Outliers were defined as values greater than ± 3 standard deviations from the mean and other clearly anomalous values and elevated MDLs (i.e., values reported as less than or equal to the MDL; Appendix A). In particular, antimony, bismuth, selenium and uranium had a relatively high proportion of outliers prior to 2005 attributable to high MDLs compared to more recent data and MDLs. In addition, approximately one third of the data for KV-37 on two dates (July 27, 1994 and July 12, 1995) consisted of outliers. As a result, all remaining water quality data for station KV-37 on these dates were considered suspect and were therefore removed (Appendix Table A.2).

Table 2.3: Data screening of background stations KV1 and KV37 for water quality assessment, United Keno Hill Mine, 1994 - 2007.

Parameter	Sample size (n)		Number of samples removed from original database			
	Original database	Water quality assessment database	Truncated by date[a]	Outliers[b]	<MDL[c]	Other[d]
Alkalinity -T	63	61	0	2	0	0
Aluminum	63	59	0	4	0	0
Ammonia-N	10	0	0	0	5	5
Antimony	76	29[e]	0	29	3	15
Arsenic	86	44	41	1	0	0
Barium	62	60	0	2	0	0
Beryllium	62	0	0	3	59	0
Bicarbonate	40	40	0	0	0	0
Bismuth	58	0	0	14	44	0
Boron	55	54	0	1	0	0
Cadmium	90	44	45	1	0	0
Calcium	60	56	0	4	0	0
Carbonate	39	0	0	0	38	1
Chromium	62	40	17	2	3	0
Cobalt	75	44	30	1	0	0
Conductivity	102	100	0	2	0	0
Copper	102	44	57	1	0	0
Cyanide[f]	1	0	0	0	0	0
Hardness	43	42	0	1	0	0
Hydroxide	38	0	0	0	38	0
Iron	90	84	0	6	0	0
Lead	91	44	46	1	0	0
Lithium	58	43	14	1	0	0
Magnesium	71	68	0	3	0	0
Manganese	78	74	0	4	0	0
Mercury[f]	1	0	0	0	0	0
Molybdenum	74	40[e]	0	2	31	1
Nickel	90	45	45	0	0	0
Nitrate Nitrogen	16	0	0	1	16	0
Nitrite Nitrogen	16	0	0	1	16	0
pH	81	79	0	2	0	0
Phosphorus	12	12	0	0	0	0
Potassium	60	49	0	3	8	0
Selenium	61	43	16	1	1	0
Silicon	61	59	0	2	0	0
Silver	62	35[e]	0	0	20	7
Sodium	59	56	0	3	0	0
Strontium	61	58	0	3	0	0
Sulphate	55	25	29	1	0	0
Sulphur	61	57	0	4	0	0
Thallium	46	40[e]	0	0	6	0
Thorium	4	0	0	0	4	0
Tin	61	39[e]	0	0	21	1
Titanium	60	57	0	3	0	0
Total Dissolved Solids	25	22	0	3	0	0
Total Suspended Solids	81	77	0	4	0	0
Uranium	53	41	8	1	3	0
Vanadium	75	43	31	1	0	0
Zinc	90	88	0	2	0	0
Zirconium	55	39[e]	0	0	16	0

[a] data from 1994 to July 19, 2004 removed

[b] values +/- 3 S.D. from the mean and values that could be considered outliers (i.e. noticeably greater or less than the mean). Includes <MDL values that were screened as outliers.

[c] elevated <MDLs relative to recent sample data and <MDL values removed since the dataset consisted almost entirely of <MDLs. Includes data reported as ≥MDL but assumed to be <MDL.

[d] values deleted since a large proportion of the original database consisted of outliers, <MDL values and/or values reported as ≥MDL but assumed to be <MDL.

[e] background set at <MDL value. Sample size (n) for the water quality assessment is the number of samples reported at the given <MDL value.

[f] original database had an inadequate sample size and was therefore excluded from the water quality assessment.

All outliers were reviewed to determine if the reported concentrations could be explained by a seasonal pattern that should be taken into account by the data, but in no case did outlier removal inappropriately alter the results of background data characterization. Furthermore, outliers in the background data set represented less than 5% of the original data set (Table 2.3), so their removal was not expected to influence the overall conclusions of the evaluation other than to eliminate problematic data and reduce bias.

Following outlier removal, data from the two background stations were pooled. A combined dataset was considered advantageous to increase the sample size for derivation of a background benchmark and to reflect spatial variation in background concentrations. While the two background stations represent different watersheds (South McQuesten River and Lightning Creek) they were considered similar enough to be pooled to form a single reference condition on which to compare downstream water quality.

The pooled reference (background) data set was again screened on a parameter by parameter basis for the presence of elevated and variable MDLs that may be skewing the data, particularly in earlier years, and for the adequacy of the sample sizes for establishing a reliable background benchmark (Table 2.4; Appendix Tables A.1 and A.2; Appendix Figures A.49 – A.98). The reference data set on which the background benchmark was based was either accepted without further modification (total alkalinity, aluminum, barium, bicarbonate, boron, calcium, conductivity, hardness, iron, magnesium, manganese, pH, phosphorus, silicon, sodium, strontium, sulphur, titanium, total dissolved solids, total suspended solids, zinc), modified by selectively removing elevated <MDL values (potassium, uranium), and/or truncated to exclude data prior to July 20, 2004 (arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, sulphate, vanadium). In addition, the data sets of a few parameters (antimony, molybdenum, silver, thallium, tin, zirconium) had high proportions of values at the MDL plus elevated MDLs in earlier years, in which cases the lowest recent MDL was assigned as the background benchmark (Table 2.4). Finally, some parameters had to be entirely excluded from background data assessment due to a high proportion of variable or elevated MDLs and/or a small sample size (ammonia, beryllium, bismuth, carbonate, cyanide, hydroxide, mercury, nitrate, nitrite, and thorium). Screening for outliers (±3 standard deviations) was repeated using all truncated data sets (July 20, 2004 to 2007).

Values reported as less than the MDL that were not removed from the data sets were assumed to be equal to the MDL in all subsequent calculations.

Summary Statistics for Background Data

Table 2.4: Water quality guidelines and background values used for water quality assessment.

Parameter	Units	Guideline		Background
		Source	Value	
Alkalinity-T	mg/L	-	-	31.3[a]
Aluminum	mg/L	CWQG[b]	0.1[c]	0.66[d]
Ammonia-N	mg/L	CWQG	0.24[e]	na
Antimony	mg/L	PWQO[f]	0.02[g]	< 0.0002[h]
Arsenic	mg/L	CWQG	0.005	0.0034[i]
Barium	mg/L	BCWQG[j]	1[k]	0.089[d]
Beryllium	mg/L	BCWQG	0.0053[k]	na
Bicarbonate	mg/L	-	-	222[d]
Bismuth	mg/L	-	-	na
Boron	mg/L	PWQO	0.2[g]	0.013[d]
Cadmium	mg/L	CWQG	0.00005[l]	0.0006[i]
Calcium	mg/L	-	-	69.9[d]
Carbonate	mg/L	-	-	na
Chromium	mg/L	CWQG	0.001[m]	0.00064[i]
Cobalt	mg/L	BCWQG	0.004[k]	0.0028[i]
Conductivity	µS/cm	-	-	494[d]
Copper	mg/L	CWQG	0.003[l]	0.0071[i]
Cyanide (total)	mg/L	CWQG	0.005[n]	na
Hardness	mg/L	-	-	279[d]
Hydroxide	mg/L	-	-	na
Iron	mg/L	CWQG	0.3	0.72[d]
Lead	mg/L	CWQG	0.004[l]	0.0021[i]
Lithium	mg/L	BCWQG	0.096[k]	0.0086[i]
Magnesium	mg/L	-	-	23.8[d]
Manganese	mg/L	BCWQG	1.3[l]	0.17[d]
Mercury	mg/L	CWQG	0.000026[o]	na
Molybdenum	mg/L	CWQG	0.073	< 0.001[h]
Nickel	mg/L	CWQG	0.11[l]	0.025[i]
Nitrate Nitrogen	mg/L	CWQG	13	na
Nitrite Nitrogen	mg/L	CWQG	0.06	na
pH	pH units	CWQG	6.5-9.0	7.14[a]
Phosphorus	mg/L	PWQO	0.03[g]	0.23[d]
Potassium	mg/L	BCWQG	432	1.05[p]
Selenium	mg/L	CWQG	0.001	0.0008[i]
Silicon	mg/L	-	-	3.9[d]
Silver	mg/L	CWQG	0.0001	< 0.0001[h]
Sodium	mg/L	-	-	3.3[d]
Strontium	mg/L	-	-	0.3[d]
Sulphate	mg/L	BCWQG	50	107[i]
Sulphur	mg/L	-	-	35.4[d]
Thallium	mg/L	CWQG	0.0008	< 0.00005[h]
Thorium	mg/L	-	-	na
Tin	mg/L	-	-	< 0.001[h]
Titanium	mg/L	BCWQG	2[k]	0.035[d]
TDS	mg/L	-	-	311[d]
TSS	mg/L	-	-	26.7[d]
Uranium	mg/L	PWQO	0.005[g]	0.0011[i]
Vanadium	mg/L	PWQO	0.006[g]	0.0013[i]
Zinc	mg/L	CWQG	0.03	0.15[d]
Zirconium	mg/L	PWQO	0.004[g]	< 0.001[h]

background exceeds selected guideline

[a] mean - t-value x standard deviation of pooled background stations (KV1 and KV37)

[b] Canadian Water Quality Guidelines (CCME 1999)

[c] 0.005 mg/L at pH<6.5, $[Ca^{2+}]$<4 mg/L and DOC<2 mg/L; 0.1 mg/L at pH ≥ 6.5; $[Ca^{2+}]$ ≥ 4 mg/L; DOC ≥ 2 mg/L

[d] mean + t-value x standard deviation of pooled background stations (KV1 and KV37)

[e] based on conservative assumption of pH 8.5 and temperature of 15 ˚C to achieve un-ionized ammonia of <0.02 mg/L

[f] Provincial Water Quality Objectives (OMOE 1994)

[g] interim objective or guideline

[h] <MDL set as background

[i] mean + t-value x standard deviation of pooled background stations (KV1 and KV37) using data from July 20, 2004-2007 (excluding elevated <MDL values as required)

[j] British Columbia Water Quality Guidelines (BCMOE 2006)

[k] working water quality guideline for British Columbia

[l] hardness dependent; average background hardness of 162 mg/L used to determine criterion

[m] hexavalent form

[n] as free cyanide

[o] inorganic mercury

[p] mean + t-value x standard deviation of pooled background stations (KV1 and KV37) following removal of elevated <MDL values.

na background value not selected due to a high proportion of samples <MDL, variable MDLs and/or a small sample size.

Summary statistics including sample size (n), mean, median, standard deviation, minimum and maximum values were calculated for each parameter (Appendix Tables A.21 – A.23).

With the exception of background benchmarks set at a MDL value, background benchmarks were developed based on the calculation mean + (t-value x standard deviation), a statistic that reflects the upper range of the background data distribution (Table 2.4). A one-tailed t-value was selected based on the degrees of freedom corresponding to the sample size (background data only) for each parameter. Individual sample values would be expected to exceed this benchmark by chance alone approximately 5% of the time (i.e., the benchmark approximates the 95th percentile of a normally distributed data set). For total alkalinity and pH, the benchmark was defined as mean – t-value x standard deviation, since these water quality parameters are generally of concern to biota at the lower limit of their range downstream of mine drainage.

The calculated background benchmark exceeded the applicable water quality guideline for 7 parameters: aluminum, cadmium, copper, iron, phosphorus, sulphate and zinc (Table 2.4). In the assessment of data for stations downstream of the mines for these parameters, it was relevant to identify downstream stations having concentrations exceeding the background benchmark, rather than a guideline, to indicate areas of mine-related influence on water quality (below).

2.2.3 Receiving Environment Data Evaluation

Similar to reference stations, the original data sets for each parameter (1994 – 2007) measured at receiving environment stations were screened for outliers (i.e., values greater than ± 3 standard deviations from the mean, other clearly anomalous values and elevated MDLs; Appendix A). The water quality evaluation for 29 of 50 parameters was based on this modified data set. For 16 parameters data sets were truncated either to parallel the corresponding background benchmark data set or due to MDL-related issues newly identified in the receiving environment (see below). Screening for outliers (±3 standard deviations) was repeated using all truncated data sets (July 20, 2004 to 2007).

Outliers represented only 2% of the original data set so their removal was not expected to influence the overall conclusions of the evaluation other than to eliminate problematic data and reduce bias.

The revised data sets for each parameter were plotted relative to background benchmarks and water quality guidelines to identify any additional data issues. Non-detectable values for which the MDL exceeded both guideline and background benchmark were removed for 11 parameters (arsenic, chromium, copper, lead, nitrite, phosphorus, selenium, silver, tin,

uranium, zirconium). At this time, data prior to July 20, 2004 were truncated for an additional four parameters (antimony, silver, thallium, tin, uranium) due to either a high proportion of values less than the MDLs, variable MDLs, and/or an obvious shift to lower MDLs in recent years. Two parameters, cyanide and mercury, were excluded from the remainder of the water quality assessment due to small sample sizes and a high proportion of values at or less than the MDL across stations (Table 2.5; Appendix Tables A.3 – A.20).

In total, 48 of 50 parameters were retained for subsequent analyses of the water quality assessment.

Summary statistics including sample size (n), mean, median, standard deviation, minimum and maximum values were calculated for each parameter and station downstream of the UKHM (Appendix Tables A.24 - A.71, Figures A.1 – A.48). In order to flag parameters and stations that may be of concern (Section 2.3), the percentage of data exceeding both the applicable background benchmark and guideline (sometimes just one or the other if both values were not available) was also summarized. The number of samples reported as <MDL, the percentage of <MDL samples where the MDL exceeded the guideline (or background benchmark if no guideline), and the percentage of samples > MDL and > guideline, were also summarized, serving as an indication of overall data quality with respect to reported MDLs (Appendix Tables A.24 - A.71).

2.3 Identification of COCs

Several steps were taken to identify COCs from among the 48 parameters for which adequate data were available for assessment, and to identify receiving environment stations where the COCs were found at elevated concentrations. As part of the process to determine COCs, a number of PCOCs were also identified.

At each station, the frequency and magnitude with which each parameter exceeded both the background benchmark and water quality guideline was evaluated (sometimes only background or guideline was used if the other was unavailable). In terms of frequency, parameters that exceeded the background benchmark and guideline[1] in at least 10% of samples at a given station were flagged as possible COCs. A 10% cut-off was chosen as a means of excluding parameters that may have exceeded background or guideline benchmarks simply by chance and therefore represent low potential for ecological consequence. The list of parameters was further refined by identifying those that had a guideline and exceeded this guideline (or background if available and higher than the

[1] Background or guideline in cases where only one or the other was available.

Table 2.5: Data screening of mine-exposed stations for water quality assessment, United Keno Hill Mine, 1994 - 2007.

Parameter	Sample size (n)		Number of samples removed from original database		
	Original database	Water quality assessment database	Truncated by date[a]	Outliers[b]	MDL >guideline, >background[c]
Alkalinity -T	393	389	0	4	0
Aluminum	431	412	0	19	0
Ammonia-N	81	81	0	0	0
Antimony	477	325	142	9	0
Arsenic	558	322	223	4	9
Barium	447	441	0	6	0
Beryllium	447	437	0	10	0
Bicarbonate	299	293	0	6	0
Bismuth	414	328	0	86	0
Boron	338	328	0	10	0
Cadmium	580	329	245	6	0
Calcium	432	421	0	11	0
Carbonate	313	307	0	6	0
Chromium	447	323	112	8	4
Cobalt	447	328	112	7	0
Conductivity	495	491	0	4	0
Copper	583	320	249	8	6
Cyanide	19	0	0	0	0
Hardness	349	347	0	2	0
Hydroxide	306	304	0	2	0
Iron	561	543	0	18	0
Lead	608	318	273	8	9
Lithium	418	325	89	4	0
Magnesium	431	427	0	4	0
Manganese	546	534	0	12	0
Mercury	12	0	0	0	0
Molybdenum	447	444	0	3	0
Nickel	559	332	224	3	0
Nitrate Nitrogen	114	113	0	1	0
Nitrite Nitrogen	116	80	0	6	30
pH	528	524	0	4	0
Phosphorus	117	107	0	2	8
Potassium	405	398	0	7	0
Selenium	447	319	112	10	6
Silicon	441	435	0	6	0
Silver	450	304	104	1	30
Sodium	428	424	0	4	0
Strontium	440	436	0	4	0
Sulphate	363	198	162	3	0
Sulphur	426	417	0	9	0
Thallium	352	320	25	6	0
Thorium	36	36	0	0	0
Tin	435	294	106	0	35
Titanium	435	422	0	13	0
Total Dissolved Solids	39	39	0	0	0
Total Suspended Solids	513	498	0	15	0
Uranium	405	325	70	3	7
Vanadium	439	320	110	9	0
Zinc	585	568	0	17	0
Zirconium	404	319	0	5	80

[a] data from 1994 to July 19, 2004 removed

[b] values +/- 3 S.D. from the mean and values that could be considered outliers (i.e. noticeably greater or less than the mean)

[c] includes data reported as ≥MDL but assumed to be <MDL

guideline) in 50% or more of samples (i.e., the median value exceeded benchmark(s)). Of the parameters that exceeded the benchmark at a relatively high frequency (≥ 50% of samples), those with median values more than two times the guideline (or background if available and higher than the guideline) were flagged.

While included in the original receiving environment data base, it was determined in consultation with ERDC and with the aid of a topographic map showing UKHM site development, that stations KV-29 and KV-47, located in Christal and Flat Creeks, respectively, should be more appropriately designated as source rather than receiving environment stations. These stations represent human-made structures, lack natural habitat, are in close proximity to mine structures such as abandoned adits and tailings piles and receive little or no dilution water and thus do not represent receiving environment conditions. The water quality assessment and recommendations that ensued with respect to stations KV-29 and KV-47 reflected this reclassification (Sections 3.0 and 6.0).

2.4 Total Versus Dissolved Concentrations

Plots of total versus dissolved concentrations of metals considered to be preliminary COCs were used to assess the proportion of total metal present in filterable ("dissolved") form. While dissolved metal concentrations do not necessarily correspond to the proportion of metal that is bioavailable (toxic), they are generally considered to be better predictors of bioavailability than total metal levels. A 1:1 line corresponding to equal concentrations of the total and dissolved forms was shown on each plot (Figure 2.2). Data points falling well above this line indicated that only a fraction of the total metal concentration present was in dissolved form, which implied that the metal was predominantly in particulate form. Values falling well below the 1:1 line indicated cases where reported "dissolved" concentrations exceeded total. This situation suggests problems with the dissolved measurements (e.g., improper filtration method or contamination associated with filtration or analytical precision) since dissolved cannot possibly exceed total concentrations. Such cases should be investigated and rectified for future analyses.

2.5 Temporal Trend Analysis for COCs

In order to set appropriate targets for water quality performance and to assess mitigation/closure options relative to these targets, temporal trend analyses of COCs were performed. The existence and strength of increasing or decreasing trends may affect the choice of mitigation/closure options and/or affect water quality goals and management.

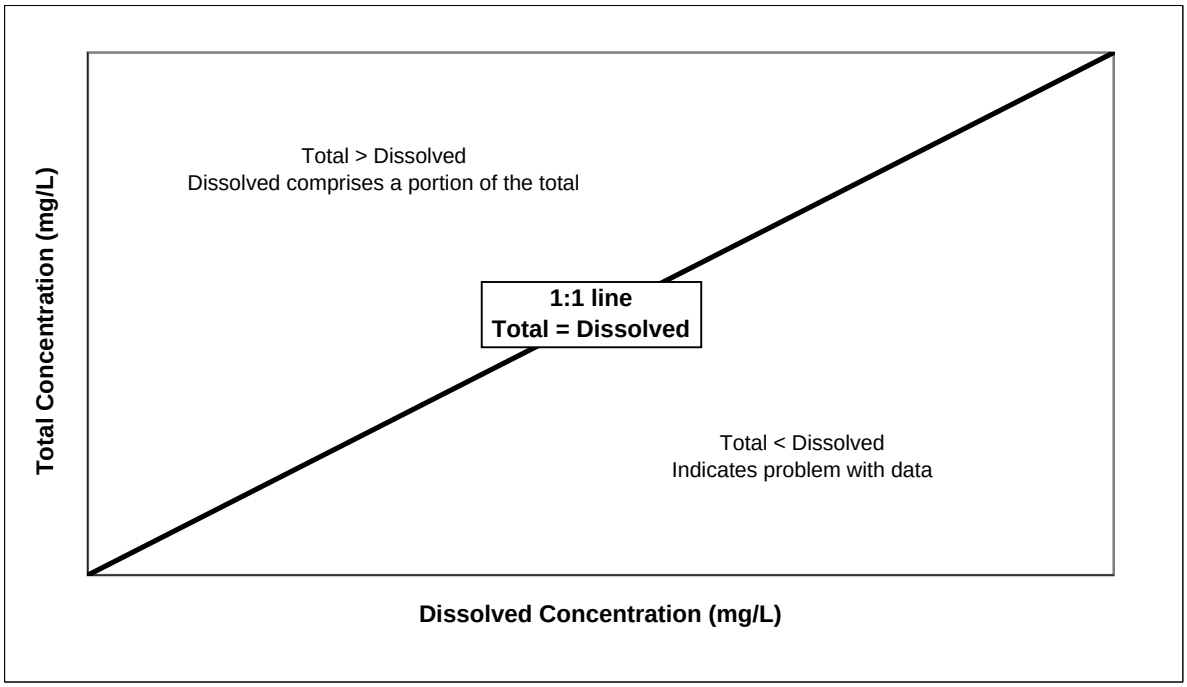


Figure 2.2: Comparison of total versus dissolved in water quality assessment, United Keno Hill Mines.

Temporal trend analysis involved statistical correlations of each COC and station of concern with the sample dates used for the water quality assessment (i.e., 1994 to 2007 or July 20, 2004 to 2007). Since most data were non-normal and/or non-linear, non-parametric Spearman Rank correlations were used to identify statistically-significant relationships (SPSS 2003). This test of correlation is appropriate since it does not require normally distributed data, nor does it necessarily imply a linear increasing or decreasing trend. The strength of a decreasing or increasing trend over time is indicated by Spearman's "rho" with values ranging from -1 (strong negative relationship) to +1 (strong positive relationship).

Non-parametric Spearman Rank correlations were also conducted between some pairs of COCs where the data set for one included a longer history (e.g., 1994-2007) than the data set for the other (e.g., mid-2004 - 2007). This was used to identify COCs that may be trending up or down but may not have been identified in the trend analysis because the data record was too short. This analysis could also indicate relationships relevant to management considerations. For example, if concentrations of certain COCs vary together (i.e., are correlated), then remedial action to decrease one could presumably lead to decreased concentrations of the other.

2.6 Review of Toxicity Data for COCs

Available toxicity data for the COCs were reviewed to identify and assess any possible toxicological implications of the observed concentrations downstream of the UKHM site. Information sources were USEPA (1985, 1987, 2001) water quality guideline documents, USEPA's EcoTox database (http://cfpub.epa.gov/ecotox) and scientific journal articles accessed through search engines such as the University of Guelph's Scholars Portal.

3.0 WATER QUALITY

3.1 Identifying Contaminants of Concern

Concentrations measured at stations downstream of the UKHM were compared to guidelines for the protection of aquatic life and background levels. The upper range of background concentrations exceeded applicable guidelines for some parameters, including aluminum, cadmium, copper, iron, phosphorus, sulphate and zinc (Table 2.4). Numerous contaminants measured at stations within the various watersheds downstream of UKHM exceeded both the applicable water quality guideline and/or background benchmark in at least 10% of samples (Table 3.1). However, a much smaller set of parameters and locations had concentrations exceeding the guideline benchmark (or background if available and higher than the guideline) at a frequency of 50% or more (i.e., median value; Table 3.2): aluminum, arsenic, cadmium, chromium, copper, iron, lead, manganese, nitrite, phosphorus, selenium, silver, sulphate and zinc. These cases pertained to tributaries located immediately downstream of mine sources (Christal Creek, Lightning Creek, Flat Creek and No Cash Creek). In no instance did median concentrations exceed guidelines and background in the South McQuesten River (Table 3.2).

Of the parameters with median concentrations above the guideline and/or background benchmark, the highest concentrations (i.e., median values twice the guideline or background if available and higher than the guideline) were associated with aluminum, cadmium, chromium, manganese, nitrite, phosphorus, silver, sulphate and zinc (Table 3.2). However, median concentrations of some of these parameters (i.e., aluminum, chromium, manganese, nitrite and silver) were based on a very small sample size (i.e., less than 3) at most stations where they were reported as being elevated and may not reflect the prevalent conditions at these locations (Table 3.2). Therefore, these parameters should not be considered COCs at this time. Total phosphorus concentration at KV-16 (median of 0.45 mg/L) was elevated by approximately two times the background benchmark (0.23 mg/L), both of which were considerably higher than the most relevant guideline (Ontario PWQO of 0.030 mg/L). These concentrations would typically be associated with a hyper-eutrophic system (Wetzel 2001) and are inconsistent with the observed conditions (e.g., no excessive plant, algal or periphyton growth) at this location. It is suspected that these phosphorus values may reflect anomalies associated with the analytical method employed (e.g., potential interference with another element in ICP scans). A more reliable method for total phosphorus measurement in water is

Table 3.1: Parameters exceeding both background concentrations and water quality guideline (if available) in more than 10% of samples collected at each location. Parameters in bold exceeded highest benchmark (background or guideline) in more than 50% of samples (i.e. median value exceeded both benchmarks) [1,2].

Watercourse	Station	Parameter
Lightning Creek	**KV39**	**As**, **Cd**, Pb, **NO_2**, **Zn**
	KV40	NO_2, **Se**, S
	KV38	Ag
	KV41	Al, As, Cr, Fe, Pb, NO_2, Si, Ag, TSS, Zn
Christal Creek	**KV6**	As, **Cd**, Ca, Conductivity, Hardness, Fe, **Pb**, Mg, Mn, NO_2, Se, Si, Ag, **SO_4**, S, TSS, U, **Zn**
	KV16	As, **Cd**, Ca, Cr, Conductivity, Hardness, Fe, Pb, Mg, Mn, **NO_2**, **P**, Se, Si, Ag, Sr, **SO_4**, S, U, **Zn**
	KV29	Alk-T, Al, As, **Cd**, Ca, Cr, Co, Conductivity, Cu, Hardness, Fe, Pb, Mg, **Mn**, **NO_2**, P, Si, Ag, Sr, **SO_4**, S, TDS, TSS, U, V, **Zn**
	KV30	Al, As, **Cd**, Ca, Cr, Conductivity, Hardness, Fe, Pb, Mg, Mn, **NO_2**, P, Si, Ag, Sr, **SO_4**, S, TDS, TSS, U, **Zn**
	KV7	As, **Cd**, Ca, Cr, Conductivity, Hardness, Fe, Pb, Mg, NO_2, Si, Ag, **SO_4**, S, TSS, **Zn**
	KV8	**Cd**, Ca, Conductivity, Hardness, Fe, Pb, Mg, NO_2, P, Si, Ag, Sr, **SO_4**, S, **Zn**
No Cash Creek	**KV21**	**Al**, **Cd**, Ca, **Cr**, **Cu**, Hardness, Fe, **Pb**, Mg, **Mn**, **NO_2**, S, **Zn**
Flat Creek	**KV47**	Al, As, HCO_3, **Cd**, Ca, Cr, Conductivity, Hardness, **Fe**, Pb, Mg, Mn, Si, **Ag**, Sr, S, TDS, TSS, **Zn**
	KV9	HCO_3, Ca, Cd, Conductivity, Hardness, Fe, Pb, Mg, Ag, **SO_4**, S, Zn
South McQuesten River	**KV2**	Conductivity, Fe, Ag
	KV3	Ag
	KV4	Conductivity, Fe, Pb, Ag, Zn
	KV5	Conductivity, P, Ag
	KV15	As, Conductivity, Fe, Ag, TSS

P parameters for which 50% or more of samples were below the method detection limit but above the guideline value

[1] 17 parameters were screened against only background or guideline since both were not available

[2] pH and total alkalinity (Alk-T) were screened for >10% of samples that were below benchmarks. CN and Hg were not included due to small sample sizes

Table 3.2: Locations where parameter concentrations exceeded both background levels and guideline (if available) in 50% or more of samples (i.e. median value exceeded). Highlight indicates median values exceeded benchmark(s) by a factor of two or more. Sample sizes (n) shown in parentheses for each parameter/location [1,2].

Watercourse	Station	Aluminum	Arsenic	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Nitrite	Phosphorus	Selenium	Silver	Sulphate	Zinc
Lightning Creek	KV39		√ (2)	√ (2)						√ (2)					√ (2)
	KV40											√ (1)			
	KV38														
	KV41														
Christal Creek	KV6			√ (36)				√ (35)						√ (21)	√ (81)
	KV16			√ (35)						√ (3)	√ (16)			√ (19)	√ (42)
	KV29			√ (35)					√ (40)	√ (4)				√ (22)	√ (42)
	KV30			√ (34)						√ (3)				√ (19)	√ (41)
	KV7			√ (37)										√ (20)	√ (79)
	KV8			√ (34)										√ (20)	√ (40)
No Cash Creek	KV21	√ (2)		√ (1)	√ (1)	√ (1)		√ (1)	√ (2)	√ (1)					√ (2)
Flat Creek	KV47			√ (3)			√ (14)						√ (2)		√ (16)
	KV9													√ (6)	
South McQuesten River	KV2														
	KV3														
	KV4														
	KV5														
	KV15														

√ median exceeded background and / or guideline

(#) sample size

[1] 6 parameters were screened only against guideline since a background benchmark was not available

[2] pH was screened for median values that were below guideline and background . CN and Hg were not included due to small sample sizes.

colourimetric determination (procedure 4500 PBE, APHA 1998). Therefore, future analyses for phosphorus should involve appropriate methods to determine if the total phosphorus concentrations previously reported are truly representative of current conditions, particularly at KV-16.

A number of additional parameters had median concentrations only slightly greater than (less than two times) the applicable guideline or background benchmark (whichever was higher): arsenic, copper, iron, lead, nitrite, and selenium (Table 3.2). Again, the median values were mostly based on small sample sizes and occurrences at few stations (arsenic, copper, nitrite and selenium). As a result, these parameters are not identified as COCs but are recommended for further data collection and evaluation (i.e., PCOCs). Furthermore, source areas KV-47 and KV-29 were the only locations showing substantially elevated iron or manganese concentrations. Since these parameters were not frequently elevated at receiving environment stations, they have not been classified as COCs.

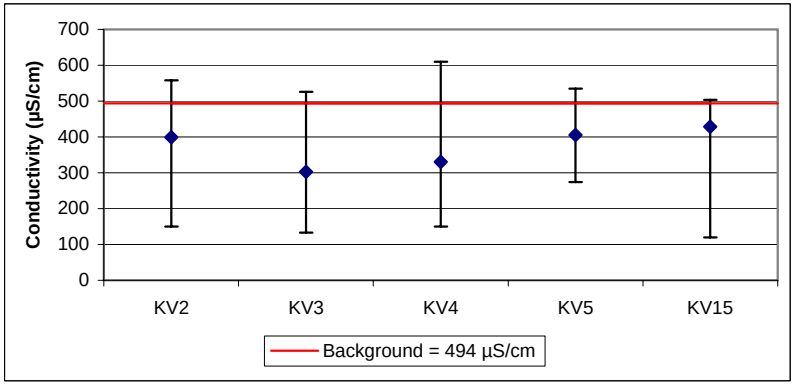
Overall, if the parameters with very limited sample sizes and phosphorus are excluded, the preliminary contaminants of concern at UKHM were identified as cadmium, sulphate, lead, and zinc. Additional data are required for aluminum, chromium, manganese, nitrite and silver at mine-exposed stations to determine if any should be included in the list of COCs at UKHM. Furthermore, there were insufficient data (one sample and not at all locations) to make any assessment of mercury and cyanide concentrations and these parameters also cannot be ruled out as COCs at this time.

It should be noted that the preliminary contaminants of concern are generally within acceptable levels in the South McQuesten River. Metals which were elevated in more than 10% of the samples were limited to arsenic, iron, lead, silver and zinc. However, maximum values of these parameters were close to the guideline or background whichever was higher (Figure 3.1) and the frequency of exceedance was typically less than 20% of samples (Appendix Tables A.28, A.43, A.44, A.57 and A.70). Furthermore, peak concentrations in the South McQuesten did not appear to be solely related to peaks at UKHM sources and may thus also reflect a combination of sources including natural background, potential upstream influences and previously disturbed areas of the UKHM.

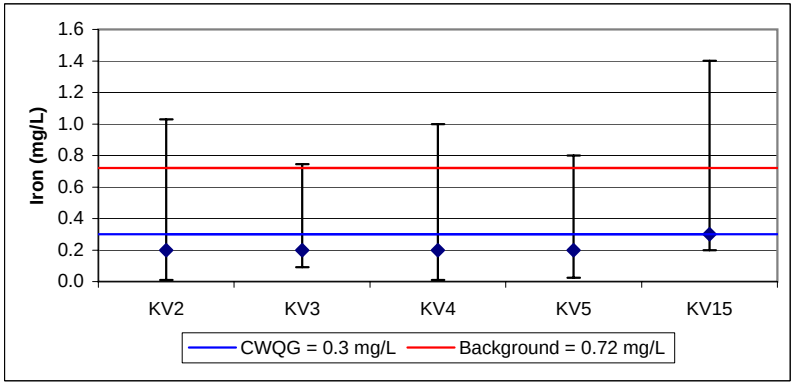
3.2 Relationship of Dissolved to Total Metal Concentrations

The relationship between total and dissolved metal concentrations was investigated for each preliminary COC (Figure 3.2). This was done only for the preliminary COCs because total concentrations of other metals were generally below levels of concern. As

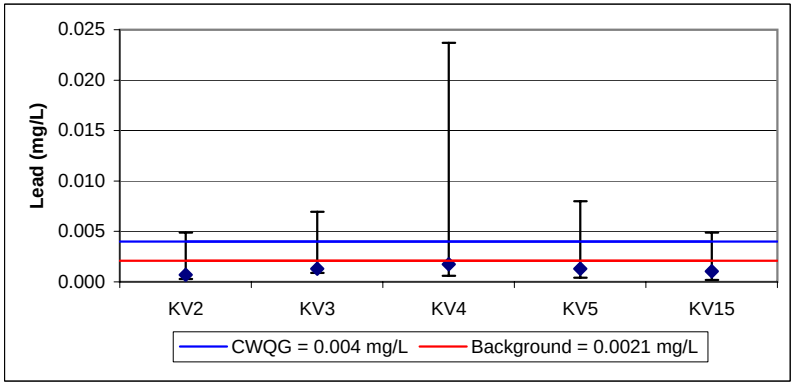
a)



b)



c)



d)

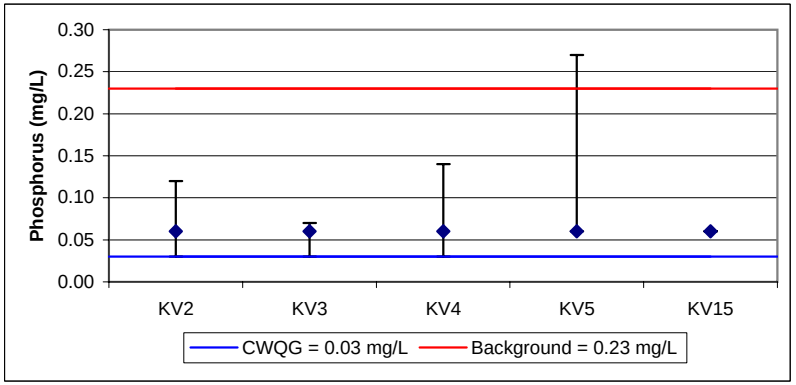
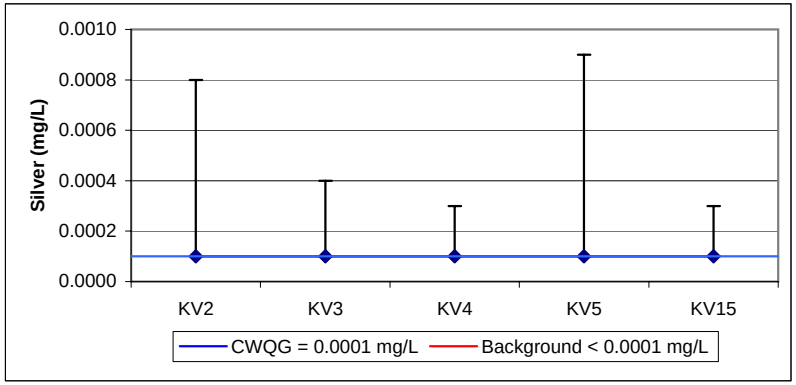
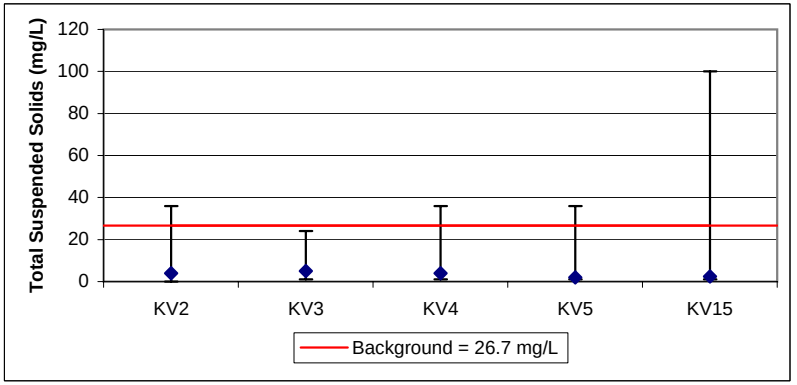


Figure 3.1: Parameters exceeding guideline and background or just guideline or background (if only one available) in over 10% of samples in the South McQuesten River, United Keno Hill Mine, 1994 - 2007. Data presented as medians with minimum and maximums.

e)



f)



g)

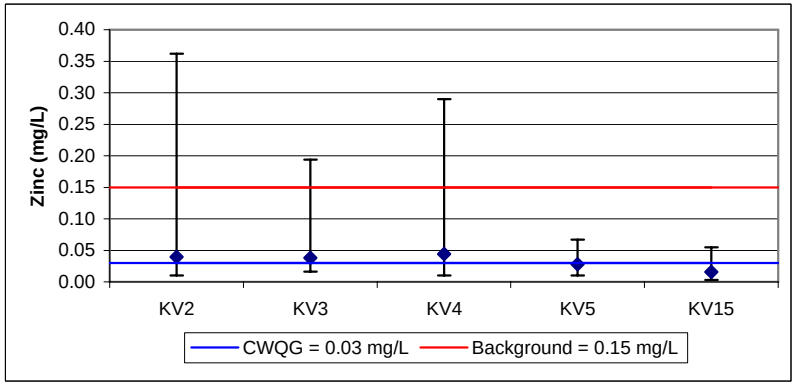
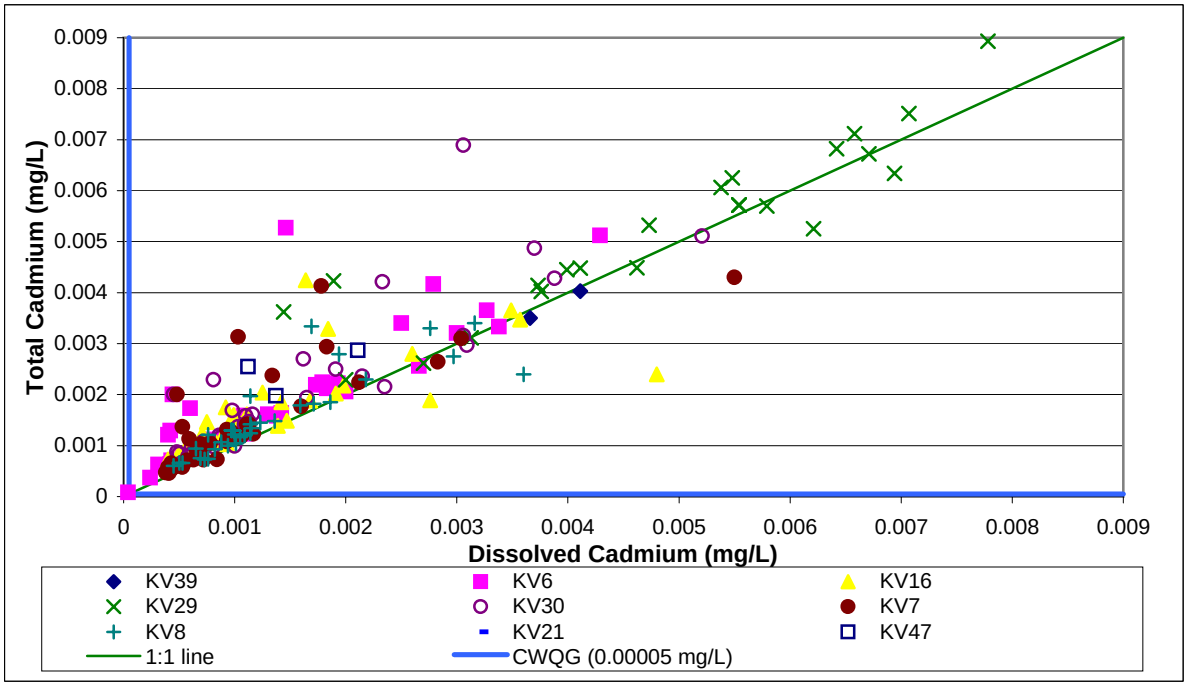


Figure 3.1: Parameters exceeding guideline and background or just guideline or background (if only one available) in over 10% of samples in the South McQuesten River, United Keno Hill Mine, 1994 - 2007. Data presented as medians with minimum and maximums.

a)



b)

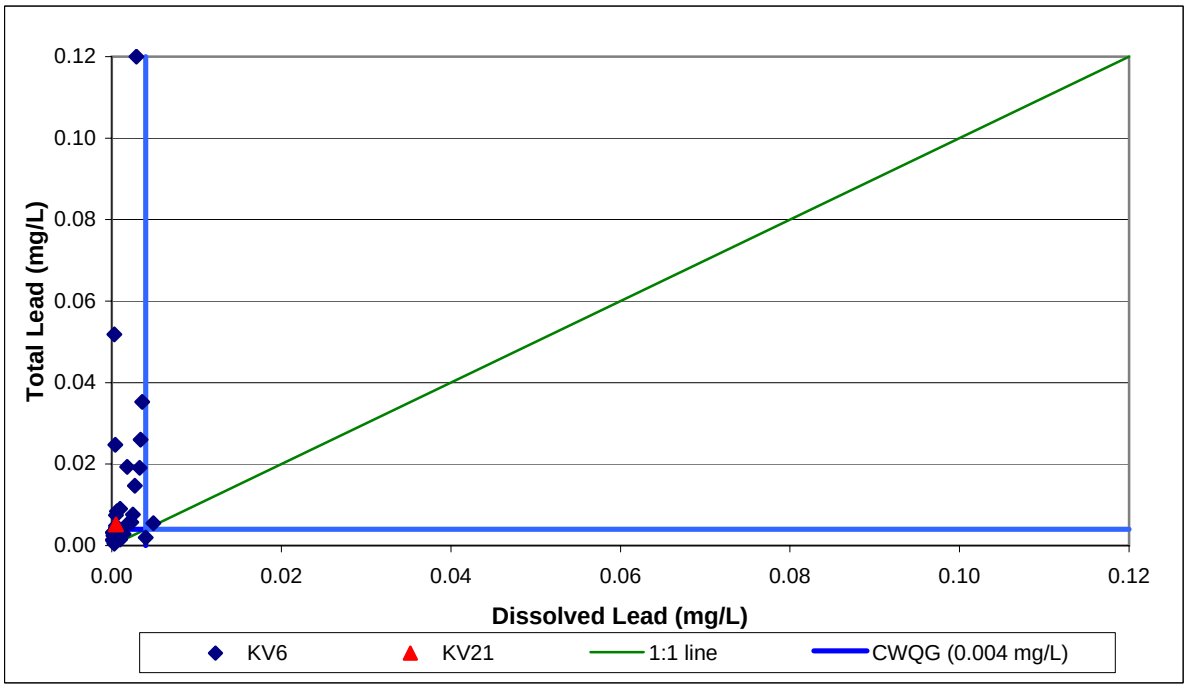
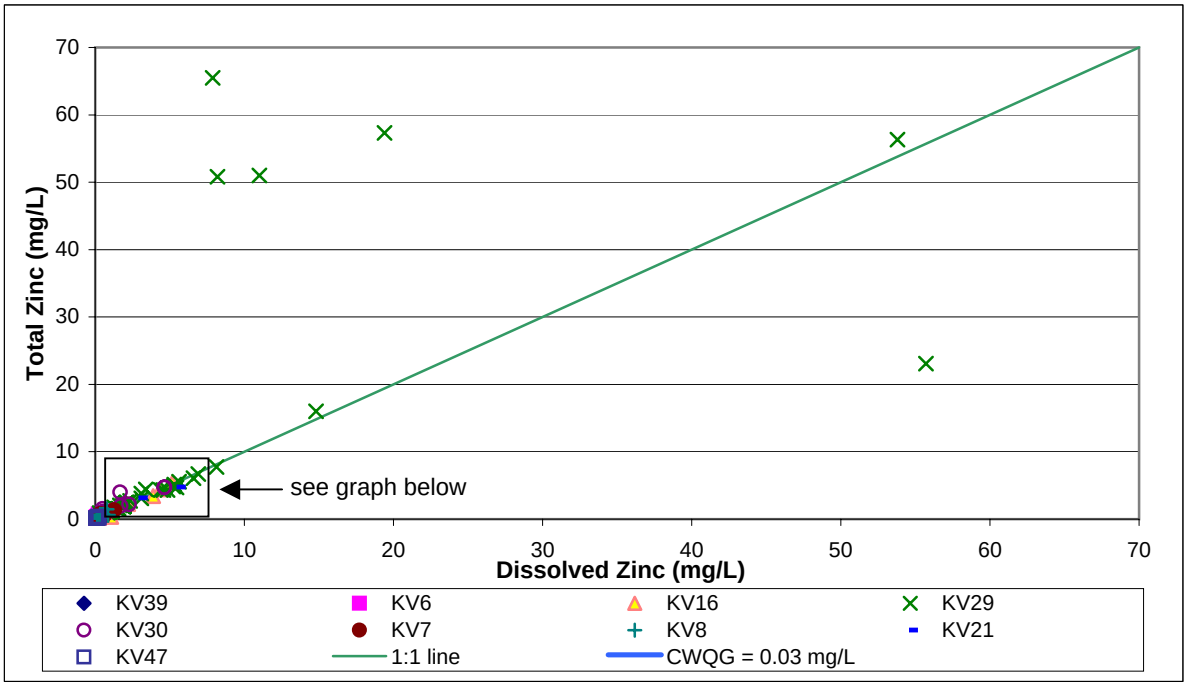


Figure 3.2: Total versus dissolved concentrations of contaminants of concern measured at stations where concentrations exceeded both background and guideline in 50% or more of samples.

c)



d)

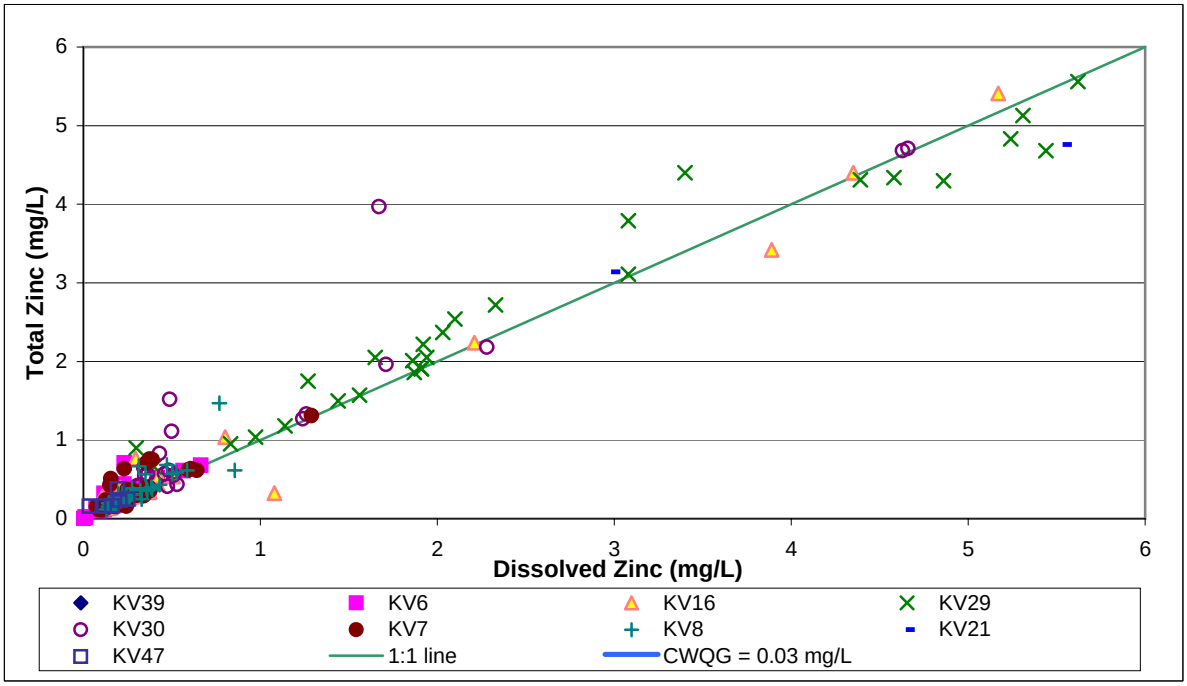


Figure 3.2: Total versus dissolved concentrations of contaminants of concern measured at stations where concentrations exceeded both background and guideline in 50% or more of samples.

noted in Section 2.4, values falling below the 1:1 line indicate cases where reported "dissolved " concentrations exceeded total (impossible), suggesting problems with the dissolved measurements (e.g., improper filtration method or contamination associated with filtration or analytical precision) that should be investigated and rectified.

At stations where total concentrations were frequently elevated (median > guideline and background), cadmium and zinc were predominantly present in dissolved form (Figure 3.2a,d) although the proportions varied at the highest zinc concentrations (Figure 3.2c). Although total lead concentrations exceeded the CWQG at KV-6 and KV-21, concentrations of dissolved lead were almost always less than the guideline (Figure 3.2b). Since lead appears to be present largely in particulate rather than a potentially more bioavailable dissolved form and because dissolved lead concentrations were less than the CWQG, it was eliminated as a contaminant of potential concern. Therefore the list of preliminary COCs was revised to include cadmium, sulphate and zinc (not lead).

3.3 Temporal Trends

Trend analysis was conducted for all three preliminary COCs: cadmium, sulphate and zinc. However, historically elevated MDLs prior to 2004 resulted in the need to truncate the data sets assessed for cadmium and sulphate to the period mid-2004 to 2007. Trend analysis was not conducted on data sets with less than 10 sample results and as such trends were not assessed for cadmium or sulphate at KV-47.

Adequate data were available for zinc, and the analysis showed statistically significant decreases at most stations (Table 3.3). Data plots (Appendix Figures A.99 to A.105) showed that the most substantial decrease occurred at KV-29 and immediately downstream at KV-30 between 2004 and 2007. Since 2007, remediation and treatment of the Galena 300 adit (primary source captured at KV-29) has occurred, which will likely result in additional future improvements in zinc concentrations downstream of this source.

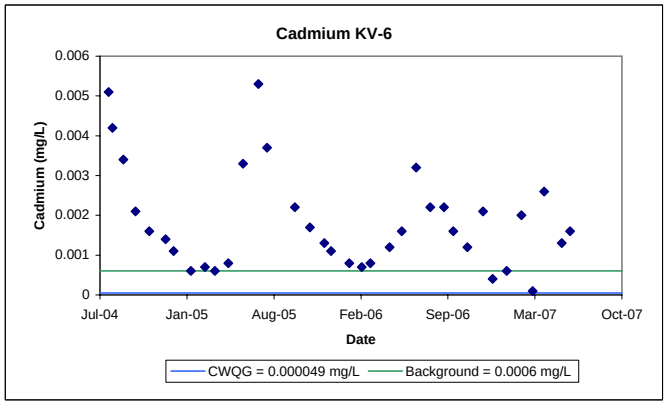
While no trends in cadmium were detected, this is likely due to the short time frame assessed (mid-2004 to 2007) relative to zinc (1994 to 2007). It is also possible that decreases in cadmium concentrations were masked by high annual variability due to a strong seasonal pattern observed at many of the downstream stations (Figure 3.3). Peak concentrations are observed in late June and early July following the freshet with concentrations falling to near background levels in the winter/early spring (Figure 3.3). This pattern is likely associated with runoff from upstream sources capturing dissolved cadmium in the drainage. However, cadmium concentrations also strongly correlated with

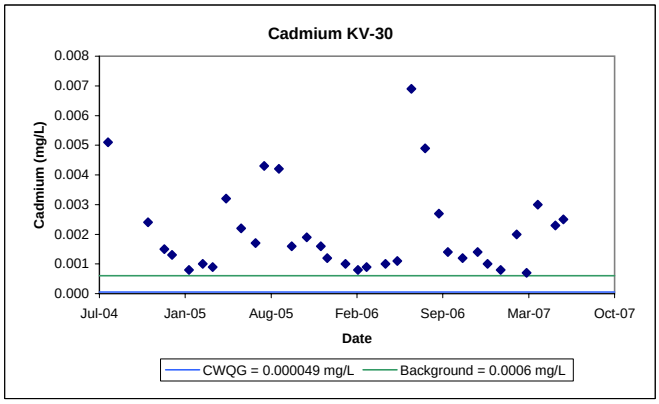
Table 3.3: Results of temporal trend analysis for preliminary contaminants of concern measured at stations near the United Keno Hill Mine. Data are presented for all stations having at least 10 measurements (i.e. samples) with adequate method detection limits.

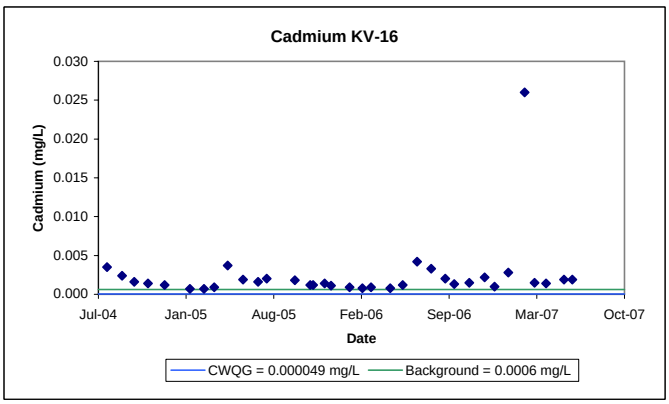
Watercourse	Station		Cadmium	Sulphate	Zinc
Christal Creek	KV6	Spearman 'rho'	-0.218	-0.392	-0.373
		p-value	0.201	0.079	0.001
		n	36	21	81
	KV16	Spearman 'rho'	0.154	-0.151	-0.020
		p-value	0.378	0.538	0.901
		n	35	19	42
	KV29	Spearman 'rho'	-0.084	0.228	-0.385
		p-value	0.633	0.308	0.012
		n	35	22	42
	KV30	Spearman 'rho'	-0.078	-0.414	-0.554
		p-value	0.662	0.0780	<0.001
		n	34	19	41
	KV7	Spearman 'rho'	-0.232	0.096	-0.268
		p-value	0.168	0.686	0.017
		n	37	20	79
	KV8	Spearman 'rho'	-0.159	-0.292	-0.572
		p-value	0.370	0.211	<0.001
		n	34	20	40
Flat Creek	KV47	Spearman 'rho'			-0.231
		p-value			0.389
		n			16

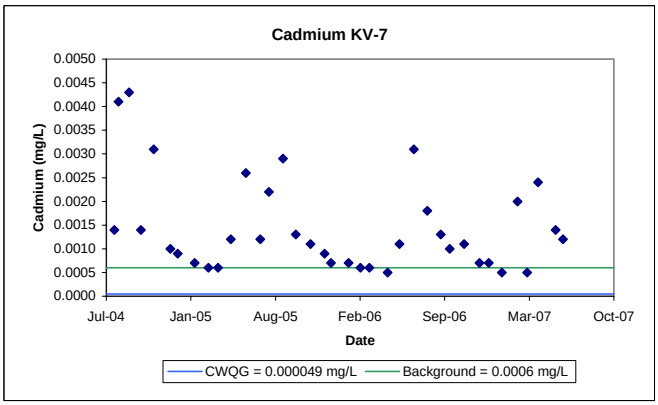
Significant increasing trend at $p < 0.05$

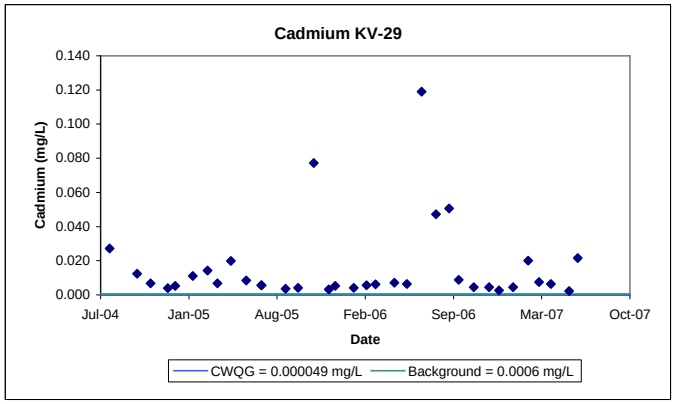
Significant decreasing trend at $p < 0.05$











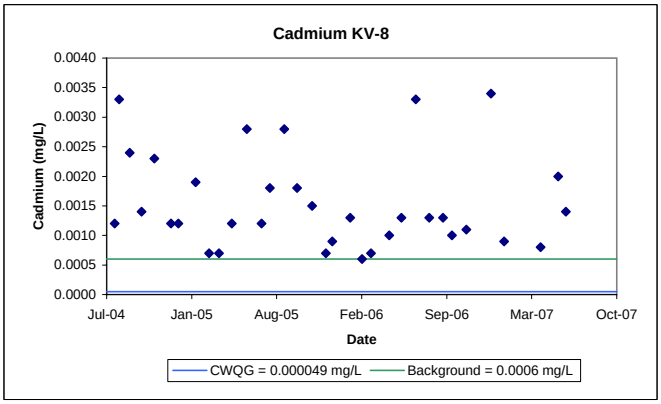


Figure 3.3: Cadmium concentrations measured in Christal Creek since 2004.

zinc suggesting that cadmium concentrations have likely also decreased over the same time period (1994 to 2006; Table 3.4).

3.4 Observed Concentrations Relative to Toxicity Data

Available toxicity literature for the preliminary COCs was reviewed to evaluate the ecological implications of the observed concentrations at UKHM.

3.4.1 Cadmium

Maximum cadmium concentrations in receiving waters near the UKHM (i.e., not including sources KV-47 and KV-29) ranged up to 0.026 mg/L at KV-16 (Christal Creek), but median concentrations were ≤ 0.003 mg/L at all stations (Appendix Table A.34, Figure A.11). This compares to Canadian Water Quality Guidelines (CWQG) for the protection of aquatic life (chronic exposure) of 0.00005 mg/L for waters with hardness of about 162 mg/L (mean background hardness for UKHM; Appendix Table A.23).

Acute cadmium toxicity to arctic grayling (*Thymallus arcticus*) has been reported at a concentration of 0.0049 mg/L (Buhl and Hamilton, 1991). However, this value relates to a water hardness of 50 mg/L and cadmium toxicity would be less at the higher water hardnesses (mean values ranging from 362 to 484 mg/L) typical of the stations (KV-6, KV-16, KV-30, KV-7, KV-8) where cadmium has been elevated. Nevertheless, concentrations as low as 0.00012 mg/L have been observed to cause toxicity to a wide range of biota (e.g., invertebrates and fish) over a range of water hardnesses, suggesting that cadmium toxicity may occur, on occasion at some stations near UKHM (e.g., KV-16). Maximum cadmium concentrations in the South McQuesten River were always ≤0.001 mg/L and usually <0.0003 mg/L, which are below the acute and chronic toxicity thresholds for most species, particularly in hard water (e.g., 184 to 214 mg/L; Appendix Table A.41, Figure A.18 and USEPA 2001).

The CWQG for cadmium is presently being updated by Environment Canada and a draft guideline will likely be released for public comment sometime in 2008; the chronic exposure guideline is expected to rise and there will also be provision for short-term exposure to even higher concentrations (see Section 4.0). Re-evaluation of water quality data against the new guidelines may further limit the concerns regarding potential cadmium effects downstream of UKHM.

3.4.2 Zinc

As noted previously from correlation analysis (Table 3.4), zinc concentrations tended to be elevated coincident with elevated cadmium levels (i.e., stations nearest UKHM sources).

Table 3.4: Correlations of zinc with cadmium and sulphate for stations having a significant temporal trend for zinc, United Keno Hill Mine.

Watercourse	Station		Zn vs Cd	Zn vs SO_4
Christal Creek	KV6	Spearman 'rho'	0.822	-0.210
		p-value	< 0.001	0.361
		n	36	21
	KV29	Spearman 'rho'	0.766	-0.155
		p-value	< 0.001	0.503
		n	35	21
	KV30	Spearman 'rho'	0.821	0.116
		p-value	< 0.001	0.636
		n	34	19
	KV7	Spearman 'rho'	0.786	-0.270
		p-value	< 0.001	0.249
		n	37	20
	KV8	Spearman 'rho'	0.752	0.070
		p-value	< 0.001	0.769
		n	34	20

Significant correlation at $p < 0.05$

Maximum concentrations ranged above 1 mg/L at stations on Christal Creek (KV-6, KV-16, KV-30, KV-7, and KV-8) although median concentrations were ≤0.42 mg/L at all stations (Appendix Table A.70, Figure A.47). The upper range of background concentrations near UKHM is 0.15 mg/L (Table 2.4), which is well above the current CWQG for zinc of 0.03 mg/L. As for cadmium, the federal guideline is presently under review with updated, draft values (for protection of aquatic life in short- and long-term exposures) expected to be released for public comment sometime in 2008. The new guideline, supported by more recent toxicity data from the scientific literature, will allow for better assessment of the potential effects of zinc on aquatic biota downstream of the mines. Concentrations in the South McQuesten River have typically been less than 0.04 mg/L (Appendix Table A.70, Figure A.47), which is only marginally above the current CWQG and well within the range of background concentrations.

3.4.3 Sulphate

Sulphate was identified as an issue based on comparison of concentrations measured downstream of the mines to a B.C. water quality guideline (Singleton 2000). This guideline is widely considered to be overly conservative. As for cadmium and zinc, concentrations of sulphate have been highest in Christal Creek but were generally less than 500 mg/L which, based on data presented in the literature, should not result in toxicity to aquatic biota (Mount and Gulley 1992; Singleton 2000; Davies 2007). Sulphate concentrations in the South McQuesten River have been less than half this value. On this basis, sulphate should be removed from the list of preliminary COCs at UKHM.

3.4.4 Summary

Concentrations of cadmium, zinc, and sulphate are below levels of concern within the South McQuesten River. However, it is likely that concentrations of cadmium and zinc in the various tributary stations located immediately downstream of the UKHM are sufficiently high to cause periodic and possibly chronic toxicity to some species. Based on available data, sulphate should be eliminated as a preliminary COC, resulting in a final list of COCs comprised of only cadmium and zinc.

4.0 CANADIAN WATER QUALITY GUIDELINE UPDATE

As noted previously, CWQG for cadmium and zinc are presently being updated. New, draft guidelines, with supporting data and rationales, are expected to be released for public review sometime in 2008. It is expected that the revised guidelines will provide both a short- and long-term exposure value which may allow for some seasonal fluctuations to be accommodated.

The guideline documents will also provide toxicological response curves for both the short- and long-term data set on which the guidelines will be based. These response curves may be used for developing water quality goals relative to the protection of specific species or conversely, for assessing the potential biological impacts of expected concentration ranges.

5.0 OPPORTUNITIES FOR THE DEVELOPMENT OF SITE SPECIFIC WATER QUALITY OBJECTIVES

The objective of the water quality assessment was to identify parameters and locations downstream of UKHM which do not achieve generic guidelines and to provide recommendations with respect to parameters and receiving environments that may be amenable to the development of Site Specific Water Quality Objectives (SSWQO). In assessing the opportunity for the development of SSWQO, the accepted procedures (described below) should be considered in light of the known concentration ranges of the COCs, factors that modify aquatic toxicity, and the expected changes to the CWQG for cadmium and zinc (see Section 4.0).

5.1 Optional Approaches for SSWQO Development

There are a number of accepted options for the development of SSWQOs (USEPA 1983, 1984; CCME 2003). These include the:

- Background Concentration Procedure (BCP);
- Recalculation Procedure (RCP);
- Water Effect Ratio Procedure (WERP); and
- Resident Species Procedure (RSP).

Two of the above procedures do not require toxicity testing (the BCP and RCP) and can be undertaken as a paper exercise if adequate data are available. Each procedure is briefly described below.

5.1.1 Background Concentration Procedure

The Background Concentration Procedure (BCP) recognizes that it is not possible to meet generic water quality guidelines in surface waters that have natural concentrations of substances that exceed the guidelines. Therefore, the concentration representing the upper limit of regional background concentrations can be established as a SSWQO. Statistical procedures for defining the upper limit of background have included the upper 95% confidence limit (mean + $t_{\alpha=0.05(2)}$*standard error), mean + $t_{\alpha=0.05(1)}$*standard deviation, and the 90th or 95th percentile, among others (BCMELP 1997; Hill et al. 2006, Roe et al. 2006).

5.1.2 Recalculation Procedure

The Recalculation Procedure (RCP) requires knowledge of the aquatic species that occur (or have historically occurred) in the watershed. The RCP involves the removal of data for species that are not resident to the watershed from the toxicity data set that was initially used to develop the guideline. A SSWQO is derived using the same methodology that was originally used to derive the generic objective, but only considers the reduced data set. If it can be demonstrated that the sensitive species that influenced the derivation of the generic water quality criterion do not occur locally, the recalculation will likely result in a new, higher SSWQO. Conversely, if the most sensitive species are resident in the watershed, then this method would not be expected to result in a change in the water quality criterion.

5.1.3 Water Effect Ratio Procedure

The Water Effect Ratio Procedure (WERP) can be beneficial under certain physical and chemical conditions. It is based on the fact that toxicity of metals in certain waters (e.g., those with high complexation capacity or hardness) may be less than was predicted by the laboratory toxicity tests which were used to derive the generic CWQG. Substances whose toxicity is greatly reduced in the presence of such materials, such as copper, are generally amenable to application of the WERP for SSWQO development.

In this method, a ratio is determined between the toxic concentration of a substance in site water versus the toxic concentration in laboratory water. If this ratio is > 1, the data indicate the substance is less toxic in site water. The SSWQO is established by applying this ratio to the generic SSWQO. For example, if toxicity in site water does not occur until three times the concentration in laboratory water, a WER of three is used and the SSWQO would be three times the generic guideline.

5.1.4 Resident Species Procedure

The Resident Species Procedure (RSP) involves the development of a new objective from scratch, or *de novo*, using site water and species that are found locally. Development of an SSWQO from scratch is expensive because toxicity tests must be conducted with enough organisms to meet minimum data set requirements (typically several fish species, several invertebrate species and one each of a plant and algae species). However, it also provides a highly site-specific water quality objective because both site water and site organisms are used. Due to the expense, it is typically only considered as a last option.

5.2 Opportunity for SSWQO at UKHM

COCs identified at the UKHM are cadmium and zinc. The CWQG for both cadmium and zinc are currently in the process of being revised by Environment Canada. Based on:

- the low frequency at which these parameters exceed guidelines and background benchmarks (in the South McQuesten River),
- the observed concentration range, and
- the expectation that the revised cadmium CWQG will increase over the current value,

it is expected that concentrations within the South McQuesten River downstream of the UKHM will either achieve these revised guidelines or background.

Concentrations of cadmium and zinc in the tributaries immediately downstream of UKHM are sufficiently high that they are not expected to consistently achieve the revised CWQG. The opportunity to develop achievable SSWQO for these substances in these tributaries is unlikely given the following:

- Concentrations of cadmium and zinc in the downstream tributaries also exceed the upper limit of background and as such the **Background Concentration Procedure** will not yield a value that can be achieved in these areas.
- The aquatic biota found or potentially present near UKHM include species that are among the most sensitive to cadmium and zinc, or that are closely related to sensitive species reported in the scientific literature. Therefore, it seems unlikely that the **Recalculation Procedure** will yield a substantially higher SSWQO value than the generic guideline.
- The **Resident Species Procedure**, is unlikely to result in a beneficial SSWQO because the data do not suggest that the resident species will be more tolerant of cadmium and zinc than sensitive species identified in the literature. Furthermore, the number of tests that would need to be conducted and the requirement to use resident species that may not be readily transported to or currently cultured in commercial laboratories makes this procedure very time consuming and expensive (i.e., last resort).
- The influence of water hardness on cadmium and zinc toxicity is taken into account in the existing CWQG for cadmium and is expected to be accounted for in the

updated guidelines for both cadmium and zinc. Therefore, the usefulness of the **Water Effect Ratio Procedure (WERP)** for developing a SSWQO for cadmium or zinc would be largely dependent on the presence of other water quality factors that might substantially ameliorate the toxicity of these substances. The scientific literature generally suggests that the effects of factors such as pH, and dissolved organic carbon (DOC) on cadmium or zinc toxicity are relatively modest compared to the influence of hardness. Also, ameliorating effects from pH and DOC would be expected at lower and higher levels, respectively, than those typically observed in the region.

Therefore, it is unlikely that the generic CWQG could be raised to a level that could be achieved in the tributaries downstream of the UKHM and thus an alternative approach to establishing water quality expectations for these historically affected areas should be considered. This approach should consider human and ecological risk benchmarks for establishing water quality goals that will ensure the protection of human health and identified valued water uses (e.g. fisheries).

6.0 SUMMARY AND RECOMMENDATIONS

6.1 Summary of Findings

Data were analyzed for 20 water quality stations located on permanent surface water courses upstream (reference/background) and downstream (receiving environment) of mine-related disturbances or inputs (e.g., roads, rock piles, adits, tailings area, etc.) as well as two stations later identified as source areas. Analytical data for most of the selected stations dated back to the mid-1980's, however, sporadic data and poor method detection limits prior to 1994 limited the value of the older data and as such, the original data base used in the assessment extended from 1994 to 2007. In total, analytical results for more than 2,000 individual data points were examined as part of the water quality assessment.

The upper range of background concentrations exceeded applicable water quality guidelines for protection of aquatic life for some parameters, including aluminum, cadmium, copper, iron, phosphorus, sulphate and zinc. Numerous contaminants measured at stations within the various watersheds downstream of UKHM exceeded both the guideline and background benchmark (or just one of these in cases where both were not available) in at least 10% of samples. However, a much smaller set of parameters and locations exceeded the guideline and background benchmark at a frequency of at least 50% of samples (i.e., median value): aluminum, arsenic, cadmium, chromium, copper, Iron, lead, manganese, nitrite, selenium, silver, sulphate and zinc. These generally occurred in the tributary stations located immediately downstream of mine sources (Christal Creek, Lightning Creek, Flat Creek and No Cash Creek). In no instance did median concentrations exceed guidelines and background in the South McQuesten River. The analysis of all data resulted in identification of cadmium and zinc as the key contaminants of concern (COCs) at UKHM.

Statistically significant temporal decreases in zinc concentrations were indicated at most stations with the most substantial decrease occurring at KV-29 and immediately downstream at KV-30 between 2004 and 2006. Since 2006, remediation and treatment of the Galena 300 adit (primary source captured at KV-29) has occurred, which will likely result in additional future improvements in zinc concentrations downstream of this source. While no temporal trends in cadmium were detected, this was likely due to the short time frame assessed (mid-2004 to 2006) relative to zinc (1994 to 2006). However, cadmium concentrations were strongly correlated with zinc, suggesting that cadmium concentrations have likely also decreased over the same time period (1994 to 2006).

Based on the toxicity literature, concentrations of cadmium and zinc are below levels of concern within the South McQuesten River. However, it is likely that concentrations of cadmium and zinc in the various tributaries downstream of the UKHM are sufficiently high to cause periodic and possibly chronic toxicity to some species

CWQG are currently being updated for cadmium and zinc. However, it is considered unlikely that concentrations in the tributaries immediately downstream of the UKHM discharges/sources will achieve the new guidelines due to historical sources within the watershed. It is also not expected that the development of SSWQO procedures would yield a sufficient increase in the generic CWQG to be consistently achieved in the tributaries downstream of UKHM. Therefore, an alternative approach to establishing water quality expectations for these historically affected areas should be considered. This approach should consider the various water uses (e.g. fisheries) within the affected watersheds as well as human and ecological risk benchmarks to establish water quality goals which will ensure the protection of human health and valued water uses.

It is expected that concentrations within the South McQuesten River downstream of the UKHM will either achieve the revised CWQG or the background benchmark.

6.2 Recommendations for Future Monitoring

Based on the assessment of the water quality data associated with UKHM, the following recommendations are provided with respect to future monitoring:

- The locations of routine monitoring stations should be re-evaluated in terms of the information contained in this report. It would be appropriate to add additional routine sampling stations within the tributaries to more clearly delineate and track the spatial extent of mine influence on water quality (i.e., concentration gradient downstream), particularly in Flat Creek, Lightning Creek and No Cash Creek which have a relatively small number of sampling stations;
- Monitoring at additional reference stations should be considered and the appropriateness of using KV-1 relative to the new reference station KV-72 should be evaluated;
- The laboratory responsible for water quality analyses should be instructed to conduct total phosphorus analysis using the standard colourimetric method and a reasonable number of samples should be split and sent to a second laboratory for confirmation of total phosphorus concentrations;

- Dissolved organic carbon (DOC) should be added to the routine monitoring parameter list as it is a known modifier of zinc toxicity and is currently not included in the monitoring program. Stations to be monitored for DOC should include KV1, KV37, KV39, KV41, KV6, KV16, KV29, KV30, KV7, KV8, KV21, KV47, KV9, KV-4 and KV5. In addition, DOC should be included in the parameter list at any new reference stations.

- Future monitoring of metals should focus on total concentrations and determination of dissolved concentrations should be excluded;

- Analytical methods and associated method detection limits should be reviewed for arsenic, chromium, copper, cyanide, lead, mercury, nitrite, total phosphorus, selenium, silver, tin, uranium and zirconium to ensure that the reported MDL is consistently below the applicable water quality guidelines;

- More frequent monitoring (5 to 8 samples/year) should be undertaken for analysis of aluminum, arsenic, chromium, copper, cyanide (WAD and total), manganese, mercury, nitrite, selenium and silver, particularly in the tributaries, Christal Creek (KV6, KV16, KV29, and KV30), Lightning Creek (KV39 and KV40), Flat Creek (KV47), and No Cash Creek (KV21). The increased monitoring frequency should span the duration of a year in order to evaluate these parameters as possible COCs;

- Background benchmarks should be re-developed for all substances having a guideline once an adequate reference database has been developed with consistently low MDLs and including data for a greater number of reference stations;

- A long-term monitoring program should be developed to support the approved closure plan as well as operations under the Water Licence. An effective design should be statistically based and allow for meaningful change to be detected and responded to (i.e., adaptable). The program should be rationalized such that only relevant parameters and locations are monitored at a frequency relevant to detecting meaningful change over time; and

- An approach should be developed to establish water use goals and expectations for tributaries downstream of the UKHM based on water uses and protection goals.

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APPENDIX A

WATER QUALITY ASSESSMENT DATA

- **Original database including data removed**
- **Summary statistics and bar graphs**
- **Ratio of median over screening criteria**
- **Scatterplots of background station data**
- **Scatterplots of long-term temporal trends**

Appendix Table A.1: Water quality parameters for reference station KV1, United Keno Hill, 1994 - 2007[1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium
	as $CaCO_3$	Total	Total	Total	Total	Total	Total	water	Total	Total	Total	Total	water	Total	Total		Total	Total	as $CaCO_3$	water	Total	Total	Total	Total	Total	Total	Total	Total				Total	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample date																																					
31-May-94																														7.9							
27-Jun-94																														8.4							
26-Jul-94	88	0.100		0.02	0.02	0.0503	0.0002		0.02		0.0005	38.8		0.001	0.001	246	0.009				0.135	0.001	0.002	11	0.036		0.005	0.005			8.10		0.3	0.001	1.52	0.0001	1.3
29-Jul-94																														8.2							
7-Aug-94	93	0.050		0.02	0.02	0.0469	0.0002		0.02		0.0005	38.6		0.001	0.001	262	0.005				0.173	0.01	0.002	12.5			0.005	0.005			8.00		0.4	0.02	1.72	0.001	1.55
27-Oct-94	111	0.030		0.02	0.02	0.0494	0.0002		0.02		0.0005	42.9		0.001	0.001	184	0.009				0.163	0.01	0.004	12.7	0.031		0.005	0.003			8.00		0.3	0.02	1.82	0.001	1.65
31-Oct-94																														8.4							
29-Nov-94																														7.35							
6-Jul-95																225	0.010				0.33	0.2			0.25											
11-Aug-95					0.003						0.001					195	0.002				0.2	0.01			0.044			0.12								
4-Sep-95					0.001						0.001					180	0.002				0.2	0.005			0.036			0.004								
11-Oct-95					0.001						0.001					390	0.002				0.2	0.005			0.49			0.008								
1-Jan-95																														7.6							
6-Feb-95																														7.1							
29-Mar-95																														7							
27-Apr-95																														7.48							
3-May-95																														7.31							
6-Jun-95																														7.2							
10-Jul-95	78	0.100		0.02	0.02	0.0466	0.0002		0.02		0.0005	36		0.001	0.001	295	0.013				0.206	0.01	0.003	11.2	0.042		0.005	0.007			8.10		0.2	0.02	1.59	0.001	1.49
11-Aug-95																														8.05							
3-Sep-95																														8.14							
6-Sep-95	82															243													0.50	1	7.90						
9-Feb-96					0.001						0.001					290	0.002				0.4	0.005			0.13			0.002									
5-Mar-96					0.001						0.001					340	0.008				0.8	0.02			0.14			0.004									
7-Apr-96					0.005						0.001					250	0.012				0.2	0.015			0.046			0.006									
28-Apr-96					0.004						0.001					190	0.010				0.2	0.005			0.068			0.006									
24-Jun-96					0.001						0.001					225	0.004				0.2	0.005			0.076			0.014									
3-Oct-96					0.01						0.01					197	0.010				0.01	0.01			0.05			0.01									
30-Oct-96											0.01					210	0.010				0.2	0.01			0.04			0.01									
30-Nov-96											0.01					210	0.010				0.2	0.01			0.05			0.01									
28-Jan-97											0.01					375	0.010				0.8	0.01			0.08			0.01									
26-Feb-97											0.01					400	0.010				1	0.05			0.05			0.01									
27-Mar-97	195				0.05						0.001					290	0.010					0.05						0.01									
21-Apr-97					0.05						0.001						0.010					0.05						0.01									
12-May-97	61				0.05						0.001					118	0.010					0.05						0.01									
30-Jun-97	106				0.05						0.001					260	0.010					0.05						0.01									
29-Jul-97	67	0.010		0.02	0.02	0.0193	0.0002				0.0007	88.9		0.001	0.001		0.015	0.012	363		0.175	0.012		34	0.38		0.005	0.003	0.02	1	7.9	0.06	0.4	0.02	0.25	0.001	
31-Jul-97	96				0.05						0.001					270	0.010					0.05						0.01									
20-Aug-97	98				0.05						0.001					273	0.010					0.05						0.03									
13-Sep-97	99				0.05						0.001					220	0.010					0.05						0.01									
10-Oct-97	120				0.05						0.001					350	0.010					0.05						0.01									
30-Nov-97	132				0.05						0.001					410	0.010					0.05						0.01									
15-Jan-98					0.05						0.001					400	0.010				1	0.05			0.14			0.01									
20-Jan-98	136				0.05						0.001					400	0.010					0.05						0.01									
1-Feb-98	158			0.05	0.05						0.001					410	0.010		210		1	0.05			0.06			0.01									
13-Mar-98	168			0.05	0.05						0.001					440	0.010		234		1	0.05			0.09			0.06									
12-Apr-98				0.05	0.05						0.003					450	0.010		225		1	0.05			0.05			0.01									
12-May-98	74			0.05	0.05						0.001					200	0.010		87		1	0.05			0.06			0.01									
11-Jul-01	87	0.240		0.02	0.02	0.0401	0.0006				0.0006	31.3	6	0.001	0.001	258	0.027				0.296	0.006		8.94	0.0902		0.01	0.009	0.023	0.002	7.89	0.06	0.4	0.02	1.5	0.002	
2-Aug-03	97	0.170	0.05	0.02	0.02	0.0458	0.0006	118	0.02		0.0006	39.2	6	0.001	0.001		0.017		140	5	0.097	0.006	0.006	14	0.046		0.01	0.007	0.01	0.1		0.06	0.3		0.002	1.6	0.002	1.38
17-Dec-03	130	0.030		0.02	0.02	0.0551	0.0006	158	0.02		0.0006	47.1	6	0.001	0.001		0.003		176	5	0.134	0.006	0.006	14.7	0.048		0.01	0.004			7.6	0.06	0.4	0.02	2.5	0.002	2.21
24-Jan-04																449																					
19-Feb-04	147	0.010		0.02	0.04	0.076	0.0006	180	0.02		0.0006	63.9	6	0.001	0.001	389	0.001		236	5	0.159	0.044	0.007	20.6	0.0351		0.01	0.006			7.3	0.06	1	0.1	3	0.002	3.3
23-Mar-04	158	0.080		0.02	0.04	0.0833	0.0006	193	0.09		0.0033	59.8	6	0.001	0.001	406	0.006		238	5	0.261	0.037	0.007	19.8	0.0411		0.01	0.007			7.72	0.12	1	0.1	3.4	0.002	3.19
24-Apr-04	152	0.010		0.02	0.04	0.0676	0.0006	185	0.02		0.0006	31.4	6	0.001	0.001	383	0.001		207	5	0.158	0.01	0.007	12.5	0.0144		0.01	0.003			7.81	0.06	1	0.1	3	0.002	1.48
19-May-04	64	0.840		0.02	0.06	0.0472	0.0006	78	0.02		0.001	25.3	6	0.002	0.001	162.1	0.016		88	5	1.89	0.011	0.007	7.48	0.147		0.01	0.012			7.7	0.06	1	0.1	2	0.002	0.82
15-Jun-04	89	0.190		0.02	0.04	0.0432	0.0006	109	0.02		0.0006	38.4	6	0.001	0.001		0.011		141	5	0.22	0.022	0.007	11.2	0.0474		0.01	0.008			7.8	0.06	1	0.1	1.6	0.002	1.08
20-Jul-04	97	0.180		0.0002	0.0014	0.053	0.0001	118	0.0005	0.004	0.00008	40.2	6	0.0005	0.0003	320	0.004		157	5	0.1	0.0005	0.006	13.6	0.036		0.001	0.0065			8.22		0.4	0.001	1.28	0.0009	1.5
30-Jul-04	91	0.969	0.05	0.0002	0.0022	0.056	0.0001	111	0.0005	0.034	0.00013	39.7	6	0.0005	0.0013	271	0.006		151	5	0.5	0.0009	0.006	12.9	0.09		0.001	0.0089	0.05	0.1	7.95		0.5	0.0004	2.42	0.0004	1.6
24-Aug-04	92	0.130		0.02	0.04	0.0467	0.0006	112	0.02		0.0008	44.5	6	0.001	0.001	320	0.004		202	5	0.122	0.01	0.186	12	0.151		0.01	0.006			7.83	0.18	1.5	0.1	1.5	0.002	1.45
21-Sep-04	113	0.072		0.0002	0.0013	0.048	0.0001	138	0.0005	0.002	0.00009	46.5	6	0.0005	0.0003	425	0.001		184	5	0.2	0.0001	0.005	15.8	0.046		0.001	0.0069			8.16		0.6	0.0005	1.59	0.0001	1.8
21-Oct-04	126	0.030		0.0002	0.0012	0.056	0.0001	153	0.0005	0.002	0.00004	50.6	6	0.0005	0.0002	390	0.015		204	5	0.2	0.0001	0.005	17.1	0.049		0.001	0.0063			8.04		0.6	0.0004	1.74	0.0001	1.9
29-Nov-04	133	0.031		0.0002	0.0013	0.066	0.0001	162	0.0005	0.002	0.00008	50.3	6	0.0005	0.0002	431	0.002		205	5	0.2	0.0003	0.004	17.2	0.061		0.001	0.0054			7.8		0.6	0.0004	2.09	0.0013	2.5
17-Dec-04	137			0.0002	0.0016	0.073	0.0001	167		0.003	0.00009		6	0.0005	0.0001	400	0.002		214	5		0.0003				0.0002	0.001	0.0007			7.85			0.0003		0.0001	
26-Jan-05	168	0.027		0.0002	0.0019	0.084	0.0001	205	0.0005	0.004	0.00006	63.4	6	0.0005	0.0002	512	0.009		255	5	0.3	0.0003	0.005	22	0.057		0.001	0.0068			7.66		1.2	0.0002	3.2	0.0001	3.7
27-Feb-05	152	0.018		0.0002	0.0017	0.08	0.0001	185	0.0005	0.003	0.00007		6	0.0005	0.0002	449	0.001		211	5	0.2	0.0001	0.005				0.001	0.0046			7.6			0.0004	3.11	0.0001	3
22-Mar-05	152	0.030		0.0002	0.002	0.074	0.0001	185	0.0005	0.004	0.00046	58.8	6	0.0005	0.0001	471	0.001		240	5	0.2	0.0002	0.005	19.7	0.053		0.001	0.0052			7.6		0.6	0.0003	3	0.0001	3
21-Apr-05	143	0.030		0.0002	0.001	0.063	0.0001	175	0.0005	0.003	0.00006	55	6	0.0005	0.0001	412	0.001		201	5	0.2	0.0006	0.004	18.2	0.04		0.001	0.004			7.67		1	0.0004	2.7	0.0001	5.2
27-May-05	68	0.417		0.0002	0.0015	0.047	0.0001	83	0.0005	0.003	0.00018	28.4	6	0.0009	0.0012	240	0.003		110	5	0.8	0.0008	0.003	9	0.088		0.001	0.0087			7.49		0.4	0.0005	2.43	0.0003	0.8
30-Jun-05	95	0.164		0.0002	0.0011	0.05	0.0001	116	0.0005	0.002	0.00012	37.7	6	0.0005	0.0005	281	0.002		140	5	0.2	0.0002	0.004	11.8	0.056		0.001	0.007			7.66		0.4	0.0005	1.84	0.0001	1.1
20-Jul-05	104	0.162	0.008	0.0002	0.0013	0.051	0.0001	126	0.0005	0.007	0.00012	40.9	6	0.0005	0.0005	279	0.002		156	5	0.2	0.0002	0.005	12.9	0.051		0.001	0.0079	0.03	0.03	7.94		0.4	0.0006	1.85	0.0001	1.6
23-Aug-05	107	0.138	0.003	0.0002	0.0015	0.051	0.0001	131	0.0005	0.002	0.00012	44.3	6	0.0005	0.0005	321	0.002		175	5	0.2	0.0003	0.005	14.2	0.196		0.001	0.006	0.03	0.03	7.99		0.4	0.0008	1.9	0.0001	1.4
22-Sep-05	115	0.165	0.05	0.0002	0.0011	0.053	0.0001	140	0.0005	0.002	0.00023	44.1	6	0.0005	0.0011	425	0.003		172	5	0.2	0.0003	0.004	13.1	0.063		0.001	0.0112			7.87		0.4	0.0006	1.87	0.0001	1.5
27-Oct-05	115	0.142	0.014	0.0002	0.0011	0.054	0.0001	140	0.0005	0.003	0.00019	50.1	6	0.0005	0.001	347	0.008			5	0.2	0.0001	0.006	15	0.069		0.001	0.0103	0.06	0.03	7.84		0.8	0.0007	2.13	0.0001	2
29-Nov-05	120	0.086		0.0002	0.0011	0.065	0.0001	146	0.0005	0.003	0.0001	54.6	6	0.0005	0.0004	366	0.002		208	5	0.2	0.0004	0.006	16.7	0.061		0.001	0.0082			7.28		0.4	0.0004	2.45	0.0001	2
14-Dec-05	134	0.069		0.0002	0.0014	0.062	0.0001	163	0.0005	0.004	0.00014	52.3	6	0.0005	0.0003	345	0.001		212	5	0.2	0.0004	0.008	16.4	0.064		0.001	0.0088			7.51		0.6	0.0004	2.42	0.0001	2.3
25-Jan-06	148	0.090		0.0002	0.0019	0.083	0.0001	180	0.0005	0.004	0.00019	60.6	6	0.0006	0.0006	374	0.002		233	5	0.4	0.0009	0.005	18.6	0.104		0.001	0.0085			7.68		0.8	0.0004	2.94	0.0001	3.1
22-Feb-06	150	0.026		0.0002	0.0015	0.075	0.0001	183	0.0005	0.003	0.00016	64.7	6	0.0005	0.0001	468	0.001		240	5	0.2	0.0003	0.006	18.6	0.154		0.001	0.0059			7.64		0.8	0.0006	3.21	0.0001	3.1
15-Mar-06	165	0.023		0.0002	0.0019	0.086	0.0001	201	0.0005	0.004	0.0001	64.8	6	0.0005	0.0001	470	0.001		243	5	0.2	0.0004	0.006	21.9	0.055		0.001	0.0059			7.48		1	0.0004	3.75	0.0001	3.6
27-Apr-06	156	0.005		0.0002	0.0012	0.069	0.0001	191	0.0005	0.004	0.00008	58.5	6	0.0005	0.0001	479	0.001		220	5	0.1	0.0001	0.004	17.7	0.052		0.001	0.0064			7.61		0.9	0.0006	3.02	0.0001	2.6
25-May-06	50	0.508		0.0003	0.0018	0.037	0.0001	61	0.0005	0.002	0.00024	20	6	0.0006	0.0012		0.004		72	5	1	0.0021	0.002	5.4	0.097		0.001	0.0088	0.03	0.03	7.29		0.6	0.0003	1.8	0.0001	0.9
28-Jun-06		0.435		0.0002	0.0012	0.046	0.0001		0.0005	0.003	0.00038	39.6		0.0005	0.0018	349	0.004				0.4	0.0005	0.004	11.7	0.095		0.001	0.0139			7.36		0.4	0.0004	2.06	0.0001	1.1
30-Jul-06		0.259		0.0002	0.0011	0.058	0.0001		0.0005	0.006	0.00027	44.1		0.0005	0.0016		0.004				0.2	0.0003	0.006	13.6	0.08		0.001	0.0136			8.22		0.4	0.0005	1.56	0.0001	1.5
31-Aug-06		0.467		0.0004	0.002	0.056	0.0002		0.001	0.004	0.00064	44		0.001	0.0045	380	0.006				0.3	0.0003	0.006	15	0.19		0.002	0.0286			8.17		0.8	0.0004	2.12	0.0002	1
21-Sep-06		0.652		0.0002	0.0012	0.05	0.0001		0.0005	0.002	0.00082	44.8		0.0005	0.0053	324	0.009				0.3	0.0006	0.006	14.1	0.164		0.001	0.0282			8.01		0.4	0.0004	2.04	0.0001	0.9
25-Oct-06		0.355		0.0004	0.0009	0.053	0.0002		0.001	0.004	0.00063	49.4		0.001	0.0036	410	0.005				0.2	0.0002	0.007	16	0.14		0.002	0.0244			7.98		0.8	0.0004	2.05	0.0002	2
30-Nov-06		0.111		0.0002	0.0014	0.074	0.0001		0.0005	0.003	0.00033	64.6		0.0005	0.001	133	0.002				0.3	0.0002	0.007	21.2	0.124		0.001	0.0215			7.62		0.7	0.0006	2.94	0.0001	2.3
22-Dec-06		0.153		0.0002	0.0013	0.074	0.0001		0.0005	0.003	0.00044	59.5		0.0005	0.0014	390	0.002				0.3	0.0003	0.006	19.8	0.136		0.001	0.0218			7.59		0.7	0.0003	3.03	0.0001	2.3
22-Jan-07		0.058		0.0002	0.0017	0.112	0.0001		0.0005	0.004	0.00044	98		0.0005	0.0014	590	0.002				0.2	0.0004	0.012	31.9	0.147		0.001	0.0294			7.68		1.1	0.0009	4.68	0.0001	3.8
28-Feb-07		65.7		0.082	0.0002	0.0019	0.086		0.0001	0.0005	0.004	0.00025		0.0005	0.0005	435	0.009				0.3	0.0005	0.006	22.7	0.099		0.001	0.0158			7.99		1	0.0003	3.42	0.0001	3.4
23-Mar-07																																					
18-Apr-07		1.080		0.0005	0.0033	0.122	0.0001		0.0005	0.004	0.0006	63.9		0.003	0.0028	429	0.005				1.9	0.0059	0.008	23.2	0.28		0.001	0.0316			7.97		1.2	0.0009	5.08	0.0001	2.4
29-May-07		1.270		0.0004	0.003	0.061	0.0002		0.001	0.02	0.00049	32.5		0.0021	0.0032	196	0.006				2	0.002	0.004	9.2	0.2		0.002	0.017			7.74		0.8	0.0004	3.16	0.0002	0.8
16-Jun-07		0.687		0.0002	0.0012	0.05	0.0001		0.0005	0.002	0.00063	37.7		0.0007	0.004	234	0.006				0.4	0.0004	0.005	12	0.157		0.001	0.025			7.84		0.5	0.0006	2.02	0.0001	1
Summary statistics																																					
n	50	48	6	53	36	49	49	31	46	35	36	47	32	36	36	73	36	1	35	31	67	36	35	47	65	1	49	36	9	9	62	10	47	36	48	49	46
mean	116	1.60	0.029	0.011	0.003	0.059	0.002	148	0.007	0.0046	0.0004	47	6.0	0.0007	0.001	330	0.004	-	193	5	0.40	0.0009	0.011	16	0.10	-	0.003	0.012	0.08	0.26	7.77	0.08	0.67	0.003	2.4	0.0006	2.0
standard deviation (S.D.)	33	9	0.023	0.018	0.006	0.020	0.012	38	0.015	0.0060	0.0007	16	0	0.0005	0.001	102	0.003	-	56	0	0.43	0.0019	0.031	6	0.08	-	0.004	0.008	0.16	0.42	0.31	0.04	0.30	0.017	0.9	0.0007	1.0
mean - 3 S.D.	16	-27	-0.040	-0.042	-0.017	-0.001	-0.035	34	-0.038	-0.0134	-0.0016	-2	6	-0.0008	-0.003	25	-0.006	-	23	5	-0.88	-0.0047	-0.081	-1	-0.15	-	-0.007	-0.013	-0.39	-1.01	6.84	-0.04	-0.24	-0.047	-0.3	-0.0017	-0.9
mean + 3 S.D.	217	30	0.098	0.064	0.022	0.120	0.039	263	0.052	0.0225	0.0024	97	6	0.0022	0.005	635	0.013	-	362	5	1.69	0.0065	0.102	32	0.35	-	0.014	0.037	0.55	1.52	8.70	0.20	1.57	0.053	5.0	0.0028	5.0

RED — Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Elevated <MDL values (Including≥MDL values that are assumed to be <MDL)

[1] summary statistics for arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, sulphate, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.1: Water quality parameters for background station KV1, United Keno Hill, 1994 - 2007[1].

Parameter	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample date													
31-May-94								210					
27-Jun-94								222					
26-Jul-94	0.17	45.5	16.2			0.01	0.001	179	5.00		0.002	0.013	0.001
29-Jul-94								185					
7-Aug-94	0.17		17.9			0.01	0.001	210	5.00		0.002	0.011	0.001
27-Oct-94	0.18		17.4			0.01	0.002	222	5.00		0.005	0.011	0.001
31-Oct-94								200					
29-Nov-94													
6-Jul-95									12			0.27	
11-Aug-95									8			0.04	
4-Sep-95									8			0.03	
11-Oct-95									8			0.29	
1-Jan-95													
6-Feb-95													
29-Mar-95													
27-Apr-95													
3-May-95													
6-Jun-95													
10-Jul-95	0.16	53.6	15.5			0.01	0.001	185	5.00		0.002	0.029	0.001
11-Aug-95													
3-Sep-95													
6-Sep-95		50.00						200	5.00				
9-Feb-96									4			0.016	
5-Mar-96									44			0.36	
7-Apr-96									44			0.058	
28-Apr-96									16			0.028	
24-Jun-96									2			0.062	
3-Oct-96												0.04	
30-Oct-96									12			0.03	
30-Nov-96									12			0.03	
28-Jan-97									184			0.04	
26-Feb-97									44			0.03	
27-Mar-97									4			0.01	
21-Apr-97		70							7			0.02	
12-May-97									32			0.06	
30-Jun-97		43.1							5			0.1	
29-Jul-97	0.281	318	102			0.005		608			0.004	0.084	
31-Jul-97		44.6							5			0.02	
20-Aug-97		47.3							5			0.07	
13-Sep-97		46										0.06	
10-Oct-97		48.8							5			0.01	
30-Nov-97		58.2							5			0.04	
15-Jan-98		72							5			0.001	
20-Jan-98		57							5			0.03	
1-Feb-98		73.7							26				
13-Mar-98		72							4			0.04	
12-Apr-98		83.9							5			0.01	
12-May-98		28.9							6			0.01	
11-Jul-01	0.129	46.5	12.8			0.006		127			0.004	0.065	
2-Aug-03	0.167	65.7	18.9	0.006		0.006	0.001		1	0.07	0.004	0.026	0.006
17-Dec-03	0.203	65.7	22.4		0.006	0.008	0.001		2	0.07	0.001	0.026	0.006
24-Jan-04								196					
19-Feb-04	0.244	75.9	26.7		0.006	0.01	0.004		2	0.07	0.001	0.013	0.006
23-Mar-04	0.254	83.2	32.2			0.01	0.013		3	0.07	0.001	0.027	0.006
24-Apr-04	0.26	80.6	27.8			0.01	0.004		3	0.07	0.001	0.016	0.006
19-May-04	0.083		7.8		0.006	0.01	0.044		54	0.07	0.002	0.058	0.006
15-Jun-04	0.16	49.2	14.4		0.006	0.01	0.004		9	0.07	0.001	0.029	0.006
20-Jul-04	0.19	58	18.6	0.00005		0.001	0.0018		1	0.0007	0.0002	0.03	0.001
30-Jul-04	0.152	59.6	19.3	0.00005		0.001	0.006		13	0.0008	0.0007	0.064	0.001
24-Aug-04	0.219	892	19.7			0.01	0.004		2	0.07	0.001	0.13	0.006
21-Sep-04	0.222	68.8	22.1	0.00005		0.001	0.0016		1	0.0008	0.0002	0.02	0.001
21-Oct-04	0.225	66.4	21.3	0.00005		0.001	0.0019		1	0.0009	0.0005	0.013	0.001
29-Nov-04	0.252	71.5	23.9	0.00005		0.001	0.0017		2	0.0009	0.0003	0.02	0.001
17-Dec-04		73.9	0.0265	0.00005			0.0019		1	0.0009		0.031	
26-Jan-05	0.238	92.3	28.4	0.00005		0.001	0.002	221	1	0.0008	0.0002	0.021	0.001
27-Feb-05	0.252	78.2	27.4	0.00005		0.001	0.0017		2	0.0008	0.0017	0.016	0.001
22-Mar-05	0.255	78	26	0.00005		0.001	0.002		2	0.0009	0.0002	0.02	0.001
21-Apr-05	0.238	71	24	0.00005		0.001	0.001	178	4	0.0008	0.0001	0.029	0.001
27-May-05	0.12	34	12.6	0.00005		0.001	0.0104		23	0.0005	0.0011	0.044	0.001
30-Jun-05	0.186	51	16.6	0.00005		0.001	0.0028	134	3	0.0006	0.0003	0.02	0.001
20-Jul-05	0.189		18.6	0.00005		0.001	0.0017		2	0.0006	0.0003	0.02	0.001
23-Aug-05	0.188		21	0.00005		0.001	0.0018		2	0.0008	0.0003	0.031	0.001
22-Sep-05	0.205	66	20.3	0.00005		0.001	0.0098		2	0.0007	0.0003	0.045	0.001
27-Oct-05	0.236		22.6	0.00005		0.001	0.0036	142	4	0.0007	0.0004	0.049	0.001
29-Nov-05	0.253	77	25.6	0.00005		0.001	0.0024		2	0.0009	0.0002	0.037	0.001
14-Dec-05	0.255	81	24.5	0.00005		0.001	0.0024		2	0.0008	0.0002	0.043	0.001
25-Jan-06	0.266	92	27	0.00005		0.001	0.0036	166	14	0.001	0.0002	0.047	0.001
22-Feb-06	0.239	103	29.1	0.00005		0.001	0.0018		2	0.0008	0.0001	0.038	0.001
15-Mar-06	0.258	96	30.7	0.00005		0.001	0.0022	225	2	0.0008	0.0003	0.03	0.001
27-Apr-06	0.248	82	25.9	0.00005		0.001	0.001	208	2	0.0007	0.0002	0.03	0.001
25-May-06	0.071	23.1	7.1	0.00005		0.001	0.0125		36	0.0005	0.0012	0.048	0.001
28-Jun-06	0.163		19.2	0.00005		0.001	0.0052	165		0.0007	0.0004	0.073	0.001
30-Jul-06	0.2		22.6	0.00005		0.001	0.0455			0.0005	0.0003	0.043	0.001
31-Aug-06	0.17		24.8	0.0001		0.002	0.0041			0.001	0.0003	0.12	0.002
21-Sep-06	0.181		23.5	0.00005		0.001	0.0059			0.0008	0.0005	0.153	0.001
25-Oct-06	0.212		23.6	0.0001		0.002	0.0025			0.001	0.0003	0.11	0.002
30-Nov-06	0.272		34.1	0.00005		0.001	0.0024			0.0009	0.0007	0.09	0.001
22-Dec-06	0.238		31.3	0.00005		0.001	0.0056			0.0007	0.0002	0.098	0.001
22-Jan-07	0.445		49.8	0.00005		0.001	0.0033			0.0014	0.0002	0.124	0.001
28-Feb-07	0.303		32.6	0.00005		0.001	0.0043			0.0007	0.0002	0.071	0.001
23-Mar-07													
18-Apr-07	0.223		38.4	0.00005		0.001	0.0556			0.0009	0.0035	0.154	0.001
29-May-07	0.14		13	0.0001		0.002	0.082			0.001	0.003	0.096	0.002
16-Jun-07	0.174		19.4	0.00005		0.001	0.0568			0.0006	0.0007	0.111	0.001
Summary statistics													
n	48	21	49	36	4	48	47	20	63	43	35	77	46
mean	0.21	110	24	0.0002	0.006	0.003	0.009	209	12	0.014	0.001	0.06	0.0019
standard deviation (S.D.)	0.06	180	14	0.0010	0.000	0.004	0.017	98	25	0.027	0.001	0.06	0.0019
mean - 3 S.D.	0.03	-430	-18	-0.0028	0.006	-0.008	-0.043	-86	-64	-0.068	-0.002	-0.13	-0.0038
mean + 3 S.D.	0.40	651	66	0.0032	0.006	0.015	0.061	504	87	0.095	0.003	0.24	0.0076

RED	Values that are less than the method detection limit
	Values that are greater than 3 standard deviations away from the mean (i.e. outliers)
	Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)
	Elevated <MDL values (Including≥MDL values that are assumed to be <MDL)

[1] summary statistics for arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, sulphate, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.2: Water quality parameters for reference station KV37, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total	water	Total	Total	Total	Total	water	Total	Total		Total	Total	as $CaCO_3$	water	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample date																									
31-May-94																320									
28-Jun-94																310									
27-Jul-94	161	0.02		0.05	0.0131	0.0002	0.02		0.0076		110	0.001		0.001	0.013	515	0.043				0.01	0.002	12.9	0.03	0.005
29-Jul-94																515									
31-Oct-94																400									
6-Jun-95																345									
12-Jul-95	173	0.02		0.06	0.0127	0.0002	0.02		0.0083		108	0.001		0.001	0.014	546	0.019				0.01	0.003	14.9	0.021	0.005
11-Aug-95																350									
5-Sep-95	103																								
9-Feb-96				0.001						0.001					0.002	100	0.200				0.005			0.008	
5-Mar-96															0.06	120	0.130							0.03	
7-Apr-96				0.005											0.014	230	0.800							0.036	
28-Apr-96				0.005						0.001					0.014	70	0.800				0.015			0.036	
24-Jun-96				0.001						0.001					0.002	89	0.600				0.005			0.014	
3-Oct-96				0.01						0.01					0.01	103	0.010				0.01			0.01	
30-Oct-96										0.01					0.01	158	2.2				0.03			0.08	
30-Nov-96										0.01					0.01	118	0.200							0.01	
30-Jun-97				0.05						0.001					0.01	140					0.05				
10-Oct-97				0.05						0.001					0.01	210					0.05				
15-Jan-98				0.05						0.001					0.01	210	1.000				0.05			0.01	
1-Feb-98																170									
13-Mar-98	64	0.050		0.05				44		0.001					0.01	120	1.000				0.05			0.01	
14-May-98	72	0.050		0.05				40		0.001					0.01	90	1.000				0.05			0.01	
9-Jun-98	26.7	0.060		0.06	0.06	0.044	0.001				0.006	14.1		0.009	0.006		0.006				0.096	0.06		2.7	0.015
2-Aug-03	31	0.010	0.05	0.02	0.02	0.0497	0.0006	38	0.02		0.0006	15.9	6	0.001	0.001		0.007		56	5	0.048	0.006	0.006	3.09	0.0122
24-Jan-04																129.9									
30-Jul-04	27	0.072	0.05	0.0002	0.0028	0.054	0.0001	33	0.0005	0.024	0.00001	16.4	6	0.0005	0.0001	105.3	0.001		52.1	5	0.2	0.0004	0.001	2.6	0.015
27-Feb-05	38	0.011		0.0002	0.0032	0.06	0.0001	47	0.0005	0.005	0.00001	17.6	6	0.0005	0.0001	130	0.001		53.4	5	0.1	0.0001	0.001	3.5	0.006
19-Jul-05	28	0.029	0.002	0.0002	0.0029	0.048	0.0001	6	0.0005	0.002	0.00001	15.7	34	0.0005	0.0001	106	0.001		52	5	0.1	0.0002	0.001	2.9	0.01
23-Aug-05	30	0.015	0.002	0.0002	0.0022	0.051	0.0001	37	0.0005	0.002	0.00001	17.9	6	0.0005	0.0001	129	0.001		53	5	0.1	0.0001	0.001	3.3	0.009
25-Jan-06	17	0.012		0.0002	0.003	0.067	0.0001	21	0.0005	0.002	0.00001	16.6	6	0.0005	0.0001		0.001		57	5	0.1	0.0004	0.001	2.9	0.005
16-Mar-06	32	0.013		0.0002	0.0033	0.064	0.0001	40	0.0005	0.002	0.00001	17.2	6	0.0005	0.0001	126.6	0.001		58	5	0.1	0.0004	0.001	3.3	0.005
26-May-06		0.277		0.00013	0.00498	0.0429	0.0005		0.0005	0.01	0.00005	10.6		0.0005	0.00024		0.002		35.8		0.463	0.000884	0.005	2.30	0.0205
30-Jul-06		0.014		0.0002	0.0023	0.054	0.0001		0.0005	0.005	0.00002	17.7		0.0005	0.0001		0.001				0.1	0.0001	0.001	3	0.006
28-Feb-07		0.064		0.0002	0.0038	0.068	0.0001		0.0005	0.002	0.00001	19		0.0005	0.0001	167	0.001				0.1	0.0004	0.001	3.7	0.01
Summary statistics																									
n	13	15	4	23	9	13	13	9	12	20	9	13	7	9	9	29	9	0	8	7	23	9	9	24	13
mean	62	0.05	0.03	0.020	0.0032	0.05	0.003	34	0.003	0.005	0.000016	14	10	0.00050	0.00012	211	0.0011	-	52	5	0.08	0.0003	0.0014	1.4	0.010
standard deviation (S.D.)	52	0.07	0.03	0.025	0.0008	0.02	0.007	13	0.006	0.006	0.000013	6	11	0.00000	0.00005	140	0.0004	-	7	0	0.10	0.0003	0.0013	1.6	0.005
mean - 3 S.D.	-96	-0.15	-0.06	-0.054	0.0006	-0.02	-0.019	-5	-0.015	-0.013	-0.000024	-6	-22	0.00050	-0.00002	-210	0.0000	-	31	5	-0.21	-0.0004	-0.0026	-3.3	-0.005
mean + 3 S.D.	219	0.25	0.11	0.094	0.0057	0.11	0.026	73	0.021	0.022	0.000056	33	42	0.00050	0.00026	632	0.0023	-	73	5	0.37	0.0011	0.0054	6.1	0.024

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Elevated <MDL values (Including ≥MDL values that are assumed to be <MDL)

[1] summary statistics for arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, sulphate, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.2: Water quality parameters for reference station KV37, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample date																									
31-May-94						6.9															4				
28-Jun-94						6.8															4				
27-Jul-94		0.004	0.06	0.4	2	8.1		0.02	3.54	0.001	2.1	0.25	44.1	150	0.01			0.001	0.01	387	5		0.89	0.001	
29-Jul-94						8.0															0				
31-Oct-94						8.2															0				
6-Jun-95						7.0															24				
12-Jul-95		0.006	0.06			8.1		0.02	4.3	0.001	2.27	0.27	51.6	147	0.01			0.001	0.01	397	5		0.868	0.001	
11-Aug-95						7.9															0				
5-Sep-95						8.1								197.0						428.00	5				
9-Feb-96		0.002																					0.014		
5-Mar-96																							0.02		
7-Apr-96		0.002																					0.056		
28-Apr-96		0.002																					0.056		
24-Jun-96		0.002																					0.018		
3-Oct-96		0.01																					0.01		
30-Oct-96		0.01																					0.12		
30-Nov-96		0.01																					0.01		
30-Jun-97		0.01																					0.05		
10-Oct-97		0.01																					0.01		
15-Jan-98		0.01																					0.001		
1-Feb-98																							0.08		
13-Mar-98		0.01																					0.11		
14-May-98		0.01																					0.01		
9-Jun-98		**0.01**	**0.02**	0.03	**0.01**	7.46		0.1	**0.06**	1.88	**0.01**	0.4	0.048	24.0	7.72			**0.06**	**0.002**		**5**		**0.01**	0.004	
2-Aug-03		**0.01**	**0.001**	**0.01**	**0.1**		**0.06**	**0.3**	0.06	2.5	**0.002**	0.54	0.052	26.6	7.3	**0.006**		**0.006**	**0.001**		**1**	**0.07**	0.002	0.004	**0.006**
24-Jan-04																				56					
30-Jul-04		**0.001**	0.0005	**0.05**	**0.1**	7.53		**0.4**	0.0004	2.14	0.0002	0.6	0.051	24.8	7.99	**0.00005**		**0.001**	0.0028		5	**0.0005**	0.0002	0.008	**0.001**
27-Feb-05		**0.001**	**0.0005**			7.8		**0.4**	0.0003	3.9	**0.0001**	1	0.068	18.1	6.6	**0.00005**		**0.001**	0.0007		**2**	**0.0005**	0.0005	0.001	**0.001**
19-Jul-05		**0.001**	**0.0005**	**0.03**	**0.03**	6.98		**0.4**	0.0005	2.42	**0.0001**	0.5	0.057		8	**0.00005**		**0.001**	0.001		3	**0.0005**	0.0002	0.001	**0.001**
23-Aug-05		**0.001**	**0.0005**	**0.03**	**0.03**	7.73		**0.4**	0.0005	2.5	**0.0001**	0.5	0.06		10	**0.00005**		**0.001**	0.001		**2**	**0.0005**	**0.0001**	0.002	**0.001**
25-Jan-06		**0.001**	**0.0005**			7.5		**0.4**	0.0004	3.48	**0.0001**	1	0.069	23.3	6.7	**0.00005**		**0.001**	0.0007		**2**	**0.0005**	**0.0001**	0.004	**0.001**
16-Mar-06		**0.001**	**0.0005**			7.2		**0.4**	0.0005	3.82	**0.0001**	0.9	0.066	22.7	7	**0.00005**		**0.001**	0.0006	60	**2**	**0.0005**	0.0002	0.003	**0.001**
26-May-06		0.000120	0.00117	**0.001**	0.0379	7.91	**0.3**	**2**	**0.001**	1.72	0.000028	**2**	0.0391	15.1		**0.0001**		**0.0001**	**0.01**		15.2	0.000078	**0.001**	**0.005**	
30-Jul-06		**0.001**	**0.0005**			7.74		**0.4**	0.0004	2.36	**0.0001**	0.6	0.058		9.4	**0.00005**		**0.001**	0.0474			**0.0005**	0.0001	0.01	**0.001**
28-Feb-07		**0.001**	**0.0005**			7.59		**0.4**	0.0003	3.94	**0.0001**	0.8	0.071		7.8	**0.00005**		**0.001**	0.0132			**0.0005**	0.0002	0.009	**0.001**
Summary statistics																									
n	0	25	9	7	7	19	2	13	9	13	13	13	13	5	12	10	0	13	13	5	18	10	9	13	9
mean	-	0.005	0.0006	0.08	0.3	7.6	0.18	0.4	0.0005	2.4	0.3	0.7	7	21	7	0.0007	-	0.006	0.008	266	5	0.00741	0.0003	0.004	0.0016
standard deviation (S.D.)	-	0.004	0.0002	0.14	0.7	0.4	0.17	0.5	0.0002	1.3	0.8	0.5	18	4	3	0.0019	-	0.016	0.013	190	6	0.02199	0.0003	0.003	0.0017
mean - 3 S.D.	-	-0.008	-0.0001	-0.35	-1.9	6.3	-0.33	-1.0	-0.0002	-1.5	-2.1	-0.7	-47	9	-3	-0.0050	-	-0.043	-0.031	-305	-13	-0.05857	-0.0006	-0.005	-0.0034
mean + 3 S.D.	-	0.018	0.0012	0.51	2.5	9.0	0.69	1.9	0.0011	6.2	2.8	2.1	61	33	16	0.0063	-	0.055	0.046	836	22	0.07339	0.0012	0.014	0.0066

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Elevated <MDL values (Including ≥MDL values that are assumed to be <MDL)

[1] summary statistics for arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, sulphate, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.3: Water quality parameters for station KV39, United Keno Hill, 1994 - 2007.

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total		Total	Total		Total	Total	as $CaCO_3$		Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
19-Jul-05	47	0.008	0.003	0.0019	0.0091	0.045	**0.0001**	**6**	**0.0005**	**0.002**	0.0035	32.3	58	**0.0005**	**0.0001**		**0.001**		110	**5**	**0.1**	0.0025	0.003	5.7	**0.005**
26-May-06		0.0189		0.00174	0.00925	0.0364	**0.0005**		**0.0005**	**0.01**	0.00403	30.4		**0.0005**	**0.0001**		0.00210		96.5		**0.03**	0.00454	**0.005**	5.32	0.00805
Summary statistics																									
n	1	2	1	2	2	2	2	1	2	2	2	2	1	2	2	0	2	0	2	1	2	2	2	2	2
mean	47	0.013	0.003	0.0018	0.0092	0.041	0.0003	6	0.0005	0.006	0.0038	31	58	0.0005	0.0001	-	0.0016	-	103	5	0.065	0.0035	0.004	5.5	0.0065
standard deviation (S.D.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mean - 3 S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mean + 3 S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

Appendix Table A.3: Water quality parameters for station KV39, United Keno Hill, 1994 - 2007.

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
19-Jul-05		**0.001**	0.001	**0.03**	0.05			**0.4**	0.0007	2.82	**0.0001**	0.9	0.108		20.3	**0.00005**		**0.001**	0.0014		**2**	**0.0005**	**0.0001**	0.271	**0.001**
26-May-06		0.000252	0.00121	**0.001**	0.226		**0.3**	**2**	**0.001**	1.80	0.000034	**2**	0.0777	56.8		**0.0001**		**0.0001**	**0.01**		**3**	0.000325	**0.001**	0.363	
Summary statistics																									
n	0	2	2	2	2	0	1	2	2	2	2	2	2	1	1	2	0	2	2	0	2	2	2	2	1
mean	-	0.00063	0.0011	0.016	0.14	-	0.3	1.2	0.00085	2.3	0.000067	1.5	0.093	57	20	0.000075	-	0.00055	0.0057	-	2.5	0.00041	0.00055	0.32	0.001
standard deviation (S.D.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mean - 3 S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mean + 3 S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

Appendix Table A.4: Water quality parameters for station KV40, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total	water	Total	Total	Total	Total	water	Total	Total		Total	Total	as $CaCO_3$	water	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
2-Aug-03	41	**0.01**	**0.05**	**0.02**	**0.02**	0.654	**0.0006**	50	**0.02**		**0.0006**	43.6	**6**	**0.001**	**0.001**		0.008		160	**5**	0.003	**0.006**	**0.006**	12.2	0.0026
19-Jul-05	34	0.008	**0.002**	**0.0002**	0.0009	0.064	**0.0001**	**6**	**0.0005**	**0.002**	0.00004	42.6	41	**0.0005**	**0.0001**		**0.001**		159	**5**	**0.1**	0.0001	0.002	11.7	0.006
Summary statistics																									
n	2	2	2	1	1	2	2	2	2	1	1	2	2	1	1	0	1	0	2	2	2	1	1	2	2
mean	38	0.009	0.026	0.0002	0.0009	0.36	0.0004	28	0.010	0.002	0.00004	43	24	0.0005	0.0001	-	0.001	-	160	5	0.052	0.0001	0.002	12	0.0043
standard deviation (S.D.)	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-
mean - 3 S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
mean + 3 S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.4: Water quality parameters for station KV40, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
2-Aug-03		**0.01**	**0.001**	**0.05**	**0.5**	8.22	**0.06**	**0.3**	**0.02**	2.9	**0.002**	0.83	0.143	137	38.2	**0.006**		**0.006**	**0.001**		**1**	**0.07**	0.006	0.008	**0.006**
19-Jul-05		**0.001**	0.0008	**0.03**	0.1			**0.4**	0.0014	2.91	**0.0001**	0.8	0.154		39.4	**0.00005**		**0.001**	0.0021		**2**	**0.0005**	**0.0001**	0.003	**0.001**
Summary statistics																									
n	0	2	1	2	2	1	1	2	1	2	1	2	2	0	2	1	0	1	2	0	2	1	1	2	2
mean	-	0.0055	0.0008	0.04	0.3	8.2	0.06	0.35	0.0014	2.9	0.0001	0.82	0.15	-	39	0.00005	-	0.001	0.0016	-	1.5	0.0005	0.0001	0.0055	0.0035
standard deviation (S.D.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mean - 3 S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mean + 3 S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.5: Water quality parameters for station KV38, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total		Total	Total	Total	Total	water	Total	Total	Total	Total	water	Total	Total		Total	Total	as $CaCO_3$	water	Total	Total	Total	Total	Total
Units	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
2-Aug-03	37	**0.01**	**0.05**	**0.02**	**0.02**	0.0518	**0.0006**	45	**0.02**		**0.0006**	21.4	**6**	**0.001**	**0.001**		0.008		69	**5**	0.028	**0.006**	**0.006**	4.08	0.008
30-Jul-04	36	0.044	**0.05**	0.0004	0.0032	0.056	**0.0001**	43	**0.0005**	0.004	0.00044	20.2	**6**	**0.0005**	0.0001	129.2	0.001		66.5	**5**	**0.1**	0.0019	0.002	3.2	0.012
27-Feb-05	49	**0.005**		0.0003	0.0027	0.054	**0.0001**	60	**0.0005**	0.041	0.00016	25.3	**6**	**0.0005**	**0.0001**	188	**0.001**		77.9	**5**	**0.1**	0.0003	0.001	4.8	**0.005**
20-Jul-05	35	0.016	0.003	0.0003	0.0032	0.048	**0.0001**	**6**	**0.0005**	0.003	0.00025	19.8	42	**0.0005**	**0.0001**	133	**0.001**		65	**5**	**0.1**	0.0005	0.001	3.7	0.007
23-Aug-05	34	**0.02**	**0.002**	**0.001**	0.002	0.054	**0.0005**	42	**0.002**	**0.01**	0.00028	23	**6**	**0.002**	**0.0005**	155	**0.005**		66	**5**	**0.5**	**0.0005**	**0.005**	4	**0.02**
25-Jan-06	44	**0.005**		0.0002	0.0024	0.06	**0.0001**	54	**0.0005**	**0.002**	0.0001	23.4	**6**	**0.0005**	**0.0001**	134	**0.001**		78	**5**	**0.1**	0.0005	0.001	4	**0.005**
15-Mar-06	36	0.007		0.0002	0.0029	0.059	**0.0001**	44	**0.0005**	**0.002**	0.00013	25.4	**6**	**0.0005**	**0.0001**	161	**0.001**		82	**5**	**0.1**	0.0006	0.001	4.7	**0.005**
26-May-06		0.0909		0.00034	0.00394	0.0389	**0.0005**		**0.0005**	**0.01**	0.000476	15.5		**0.0005**	0.00011		0.00161		52.0		0.156	0.00166	**0.005**	3.23	0.0133
30-Jul-06		0.01		0.0003	0.0026	0.059	**0.0001**		**0.0005**	0.004	0.0002	22.8		**0.0005**	**0.0001**		**0.001**				**0.1**	0.0003	0.001	3.9	**0.005**
28-Feb-07		0.011		0.0002	0.0029	0.06	**0.0001**		**0.0005**	**0.002**	0.00008	26		**0.0005**	**0.0001**	154	**0.001**				**0.1**	0.0005	0.001	4.9	**0.005**
Summary statistics																									
n	7	10	4	9	9	10	10	7	10	9	9	10	7	9	9	7	9	0	8	7	10	9	9	10	10
mean	39	0.02	0.03	0.0004	0.0029	0.054	0.0002	42	0.003	0.009	0.0002	22	11	0.0007	0.00015	151	0.0015	-	70	5	0.14	0.0008	0.0020	4.1	0.009
standard deviation (S.D.)	6	0.03	0.03	0.0002	0.0006	0.007	0.0002	17	0.006	0.013	0.0001	3	14	0.0005	0.00013	21	0.0013	-	10	0	0.13	0.0006	0.0017	0.6	0.005
mean - 3 S.D.	22	-0.06	-0.06	-0.0004	0.0012	0.034	-0.0004	-10	-0.016	-0.029	-0.0002	13	-30	-0.0008	-0.00025	89	-0.0025	-	41	5	-0.25	-0.0010	-0.0032	2.2	-0.007
mean + 3 S.D.	55	0.10	0.11	0.0011	0.0045	0.074	0.0009	94	0.021	0.046	0.0007	32	52	0.0022	0.00054	212	0.0055	-	98	5	0.53	0.0025	0.0072	5.9	0.024

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.5: Water quality parameters for station KV38, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
2-Aug-03		**0.01**	**0.001**	**0.01**	**0.1**	7.8	**0.06**	**0.3**	**0.02**	2.8	**0.002**	0.68	0.068	38.6	10.9	**0.006**		**0.006**	**0.001**		**1**	**0.07**	0.003	0.036	**0.006**
30-Jul-04		**0.001**	0.0007	**0.05**	**0.1**	7.19		**0.4**	0.0005	2.28	0.0002	0.6	0.065	31.8	10	**0.00005**		**0.001**	0.0013		5	**0.0005**	0.0001	0.051	**0.001**
27-Feb-05		**0.001**	**0.0005**			7.17		**0.4**	0.0007	3.54	**0.0001**	1	0.086	35.6	12.2	**0.00005**		**0.001**	0.0008		**2**	**0.0005**	0.0005	0.02	**0.001**
20-Jul-05		**0.001**	0.0005	**0.03**	**0.03**	7.62		**0.4**	0.0006	2.59	**0.0001**	0.6	0.072		11.2	**0.00005**		**0.001**	0.0007		**2**	**0.0005**	0.0001	0.03	**0.001**
23-Aug-05		**0.005**	**0.0025**	**0.03**	0.04	7.7		**2**	**0.001**	2.7	**0.0005**	**2**	0.078		13	**0.0002**		**0.005**	**0.002**		**2**	**0.002**	**0.0005**	0.03	**0.005**
25-Jan-06		**0.001**	**0.0005**			7.28		**0.4**	0.0005	3.17	**0.0001**	1.1	0.085	43	11.6	**0.00005**		**0.001**	0.0008	62	**2**	**0.0005**	**0.0001**	0.014	**0.001**
15-Mar-06		**0.001**	**0.0005**			7.74		**0.4**	0.0006	3.6	**0.0001**	1	0.085	36	12.1	**0.00005**		**0.001**	0.0009	76	**2**	**0.0005**	0.0002	0.017	**0.001**
26-May-06		0.000142	0.00082	**0.001**	0.0593		**0.3**	**2**	**0.001**	1.70	0.000022	**2**	0.0491	25.4		**0.0001**		**0.0001**	**0.01**		6.5	0.000116	**0.001**	0.0435	
30-Jul-06		**0.001**	**0.0005**					**0.4**	0.0006	2.62	**0.0001**	0.7	0.075		12.7	**0.00005**		**0.001**	0.0573			**0.0005**	0.0001	0.025	**0.001**
28-Feb-07		**0.001**	**0.0005**			7.63		**0.4**	0.0005	3.53	**0.0001**	0.9	0.09		12.8	**0.00005**		**0.001**	0.001			**0.0005**	**0.0001**	0.014	**0.001**
Summary statistics																									
n	0	10	9	5	5	8	2	10	9	10	8	10	10	5	9	9	0	8	10	2	8	9	9	10	9
mean	-	0.002	0.0008	0.024	0.07	7.5	0.180	0.71	0.0007	2.9	0.0001	1.1	0.08	34	12	0.00007	-	0.0013	0.008	69.000	2.81	0.0006	0.0003	0.028	0.0020
standard deviation (S.D.)	-	0.003	0.0007	0.019	0.03	0.3	-	0.68	0.0002	0.6	0.0001	0.5	0.01	6	1	0.00005	-	0.0014	0.018	-	1.89	0.0005	0.0003	0.013	0.0020
mean - 3 S.D.	-	-0.007	-0.0012	-0.033	-0.03	6.7	-	-1.33	0.0001	1.0	-0.0003	-0.5	0.04	15	9	-0.00008	-	-0.0029	-0.046	-	-2.85	-0.0010	-0.0006	-0.010	-0.0040
mean + 3 S.D.	-	0.011	0.0027	0.082	0.16	8.3	-	2.75	0.0013	4.7	0.0006	2.6	0.11	54	15	0.00022	-	0.0056	0.061	-	8.48	0.0022	0.0012	0.066	0.0080

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.6: Water quality parameters for station KV41, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total		Total	Total		Total	Total	as $CaCO_3$		Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
3-Oct-96																112									
30-Oct-96																170									
30-Nov-96																128									
30-Jun-97	40				0.05						0.001					140	0.01					0.05			
10-Oct-97	56				0.05						0.001					210	0.01					0.05			
15-Jan-98					0.05						0.004					220	0.01				1	0.05			0.01
1-Feb-98																230									
13-Mar-98	64			0.05	0.05						0.001					220	0.01		111		1	0.05			0.01
12-May-98	52			0.05	0.05						0.003					180	0.01		95		1	0.05			0.03
9-Jun-98	29.20	0.08		0.06	0.06	0.047	0.001				0.006	17.1		0.018	0.006		0.006				0.212	0.06		3.1	0.015
3-Feb-01	59	0.0445	**0.05**	0.0005	0.0019	0.0598	0.0000		0.0004	0.0022	0.0001	37.3	**6**	0.0008	0.0001		0.0014		114	**5**	0.1019	0.0006	0.0037	6.19	0.0095
8-Nov-01																									
2-Aug-03	43	0.82	**0.05**	**0.02**	**0.02**	0.065	**0.0006**	53	**0.02**		**0.0006**	24.4	**6**	0.002	0.004		0.013		83	**5**	3.78	0.017	**0.006**	4.67	0.216
24-Jan-04																251									
24-Apr-04	60	0.03		**0.02**	**0.04**	0.0584	**0.0006**	73	**0.02**		**0.0006**	18.5	**6**	**0.001**	**0.001**		**0.001**		112	**5**	0.068	**0.01**	**0.007**	4.61	0.0022
30-Jul-04	36	0.782	**0.05**	0.0004	0.0051	0.072	**0.0001**	44	**0.0005**	0.004	0.00042	22.4	**6**	0.0012	0.0007	136.4	0.004		71.2	**5**	0.9	0.005	0.003	3.7	0.044
27-Feb-05	62	0.02		0.0002	0.002	0.052	**0.0001**	76	**0.0005**	0.023	0.00013	36.3	**6**	**0.0005**	**0.0001**	251	**0.001**		112	**5**	**0.1**	0.0005	0.002	6.4	0.01
30-Jun-05																150									
19-Jul-05	42	1.12	0.021	0.0005	0.0267	0.065	**0.0001**	**6**	**0.0005**	0.003	0.00023	22.8	51	0.0021	0.002	148	0.006		74	**5**	2.6	0.0166	0.003	4.3	0.113
22-Aug-05	44	1.8	0.006	0.0007	0.029	0.091	**0.0001**	54	**0.0005**	**0.002**	0.00031	25.5	**6**	0.0038	0.0024	167	0.008		76	**5**	4.6	0.0316	0.004	5	0.173
27-Oct-05	48	0.077	**0.002**	0.0003	0.0027	0.053	**0.0001**	59	**0.0005**	**0.002**	0.00017	29.7	**6**	**0.0005**	0.0002		0.001			**5**	0.1	0.0007	0.002	4.9	0.019
25-Jan-06	54	0.028		0.0002	0.0022	0.059	**0.0001**	66	**0.0005**	**0.002**	0.0001	31.8	**6**	**0.0005**	**0.0001**	201	**0.001**		100	**5**	**0.1**	0.0009	0.002	5.1	0.005
14-Mar-06	57	0.019		0.0002	0.002	0.055	**0.0001**	70	**0.0005**	**0.002**	0.00012	32.2	**6**	**0.0005**	**0.0001**	233	**0.001**		110	**5**	**0.1**	0.0008	0.002	5.6	0.008
26-May-06		0.322		0.00054	0.00317	0.0399	**0.0005**		**0.0005**	**0.01**	0.000306	15.8		0.00058	0.00026		0.00242		52.5		0.485	0.00219	**0.005**	3.14	0.0193
30-Jul-06		0.094		0.0002	0.0027	0.057	**0.0001**		**0.0005**	0.004	0.00014	24.7		**0.0005**	0.0009		**0.001**				0.2	0.0012	0.002	4.1	0.065
28-Feb-07		0.23		0.0002	0.004	0.052	**0.0001**		**0.0005**	**0.002**	0.00004	36.8		0.0005	0.0004	201	0.001				0.5	0.003	0.002	6.7	0.033
Summary statistics																									
n	15	14	6	10	10	14	14	9	13	11	10	14	10	10	10	18	10	0	12	10	17	10	10	14	17
mean	50	0.4	0.030	0.0003	0.008	0.059	0.0003	56	0.003	0.005	0.00020	27	11	0.0011	0.0007	186	0.003	-	93	5	1.0	0.006	0.0027	4.8	0.05
standard deviation (S.D.)	10	0.5	0.023	0.0002	0.011	0.012	0.0003	21	0.007	0.006	0.00012	7	14	0.0011	0.0008	44	0.003	-	21	0	1.4	0.010	0.0011	1.1	0.06
mean - 3 S.D.	19	-1.2	-0.039	-0.0002	-0.024	0.022	-0.0006	-8	-0.018	-0.014	-0.00016	5	-32	-0.0022	-0.0018	54	-0.005	-	31	5	-3.1	-0.024	-0.0005	1.4	-0.14
mean + 3 S.D.	81	2.0	0.099	0.0009	0.040	0.096	0.0011	120	0.025	0.024	0.00055	49	53	0.0043	0.0032	318	0.010	-	155	5	5.1	0.037	0.0059	8.2	0.23

RED	Values that are less than the method detection limit
	Values that are greater than 3 standard deviations away from the mean (i.e. outliers)
	Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)
	Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available
	Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.6: Water quality parameters for station KV41, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
3-Oct-96						7.61															44				
30-Oct-96						7.28															16				
30-Nov-96						7.39															52				
30-Jun-97			0.01			7.7								32							9			0.18	
10-Oct-97			0.01			7.1								45.9							5			0.01	
15-Jan-98			0.01			7.3								51							5			0.004	
1-Feb-98						7.3															88			0.28	
13-Mar-98			0.01			7.4								54.9							42			0.11	
12-May-98			0.01			7.6								41							12			0.05	
9-Jun-98		0.01	0.02	0.05	0.01			0.1	0.06	2.12	0.01	0.5	0.057	32.00	9.97			0.06	0.002		5		0.01	0.058	
3-Feb-01	0.00011	0.0002	0.0008	0.177	**0.002**		0.0333	0.4444	0.0003	4.0	0.0001	1.0	0.0996	18.8	19.4	0.0011			0.0013		2		0.00003	0.0247	
8-Nov-01																									
2-Aug-03		**0.01**	0.006	**0.01**	**0.1**	7.88	0.07	**0.3**	**0.02**	4.1	**0.002**	0.67	0.071	40.9	11.9	**0.006**		**0.006**	0.027		52	**0.07**	0.006	0.582	**0.006**
24-Jan-04						7.16														108					
24-Apr-04		**0.01**	**0.002**				**0.06**	**1**	**0.1**	3.5	**0.002**	0.54	0.104	51.7	19.2			**0.01**	**0.004**		**3**	**0.07**	**0.001**	0.026	**0.006**
30-Jul-04		**0.001**	0.002	**0.05**	**0.1**	7.73		**0.4**	0.0004	3.16	0.0002	0.7	0.067	32.6	10.5	**0.00005**		**0.001**	0.0266		38	**0.0005**	0.0019	0.055	**0.001**
27-Feb-05		**0.001**	**0.0005**			7.16		**0.4**	0.001	3.39	**0.0001**	1.1	0.098	52.6	17.9	**0.00005**		**0.001**	0.0016		**2**	0.0009	0.0004	0.02	**0.001**
30-Jun-05						7.7																			
19-Jul-05		**0.001**	0.004	**0.03**	0.03	7.23		0.4	0.0006	4.48	0.0003	0.8	0.074		11.4	**0.00005**		**0.001**	0.0483		32	0.0005	0.0034	0.033	0.002
22-Aug-05		**0.001**	0.0044	**0.03**	0.04	7.89		**0.4**	0.0007	6.56	0.0009	0.7	0.075		13	**0.00005**		**0.001**	0.0899		62	0.0006	0.006	0.04	0.001
27-Oct-05		**0.001**	0.0008	0.1	0.1	7.81		**0.4**	0.0008	3	**0.0001**	2.4	0.099		15.4	**0.00005**		**0.001**	0.0152		5	**0.0005**	0.0004	0.027	**0.001**
25-Jan-06		**0.001**	**0.0005**			7.42		**0.4**	0.0007	3.01	**0.0001**	1	0.094	54	15.7	**0.00005**		**0.001**	0.0018	86	2	0.0006	0.0001	0.016	**0.001**
14-Mar-06		**0.001**	**0.0005**			8.76		**0.4**	0.0009	3.3	**0.0001**	1.4	0.092	50	15.7	**0.00005**		**0.001**	0.0016	110	4	0.0006	0.0003	0.019	**0.001**
26-May-06		0.000175	0.00136	**0.001**	0.0627		**0.3**	**2**	**0.001**	1.87	0.000059	**2**	0.0473	21.8		**0.0001**		**0.0001**	**0.01**		17.2	0.000183	**0.001**	0.0306	
30-Jul-06		**0.001**	0.0007					**0.4**	0.0006	2.71	**0.0001**	0.7	0.074		12.8	**0.00005**		**0.001**	0.0551			**0.0005**	0.0004	0.02	**0.001**
28-Feb-07		**0.001**	0.0017			7.81		**0.4**	0.001	3.58	**0.0001**	0.9	0.1		18.7	**0.00005**		**0.001**	0.0226			0.0007	0.0008	0.027	**0.001**
Summary statistics																									
n	1	14	10	8	8	20	4	14	10	14	10	14	14	5	13	10	0	10	14	3	21	10	10	20	11
mean	0.00011	0.003	0.0016	0.06	0.05	7.6	0.12	0.5	0.0008	3.5	0.00021	1.0	0.08	42	15	0.00006	-	0.0009	0.02	101	24	0.0006	0.0015	0.08	0.0020
standard deviation (S.D.)	-	0.004	0.0014	0.06	0.04	0.4	0.12	0.5	0.0002	1.1	0.00025	0.6	0.02	14	3	0.00002	-	0.0003	0.03	13	25	0.0002	0.0019	0.14	0.0020
mean - 3 S.D.	-	-0.009	-0.0027	-0.12	-0.07	6.4	-0.26	-0.9	0.0002	0.1	-0.00056	-0.6	0.03	-1	5	0.00001	-	0.0001	-0.06	61	-51	0.0000	-0.0042	-0.33	-0.0040
mean + 3 S.D.	-	0.015	0.0060	0.23	0.18	8.7	0.49	1.9	0.0014	6.9	0.00097	2.7	0.14	85	25	0.00010	-	0.0018	0.10	141	98	0.0011	0.0071	0.49	0.0080

RED	Values that are less than the method detection limit
	Values that are greater than 3 standard deviations away from the mean (i.e. outliers)
	Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)
	Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available
	Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.7: Water quality parameters for station KV6, United Keno Hill, 1994 - 2007[1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total		Total	Total		Total	Total	as $CaCO_3$		Total	Total	Total	Total	Total	Total	Total	Total				Total	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																																					
27-Jan-94																540		0.01				0.02									7.4						
24-Feb-94																780		0.01				0.02									7.5						
28-Mar-94																760		0.02				0.02									8.3						
23-Apr-94																210		0.01				0.01									7.6						
1-Jun-94																380		0.01				0.04									8.7						
29-Jul-94																800		0.01				0.1									7.8						
17-Aug-94																974		0.01				0.07									7.6						
29-Sep-94																550		0.01				0.06									7.7						
31-Oct-94											0.001					620	0.002				0.6	0.005			0.67						7.4						
29-Nov-94											0.001					700	0.002				0.4	0.015			1.12						7						
5-Jan-95											0.007					810	0.002				0.8	0.01			1.33						7.94						
29-Mar-95					0.003						0.001					1900	0.002				0.2	0.005			1.28						7.4						
27-Apr-95					0.004						0.017					520	0.002				0.8	0.04			1.91			0.02			7.2						
3-May-95					0.01						0.003					275	0.002				0.6	0.01			0.74			0.002			8.4						
6-Jul-95																530	0.01				0.49				0.73						7.63						
11-Jul-95					0.02						0.002						0.017				0.428	0.01			0.57			0.004									
11-Aug-95					0.008						0.001					460	0.002				0.4	0.01			0.42			0.002			7.74						
4-Sep-95					0.003						0.002					400	0.002				0.2	0.005			0.34			0.002			7.84						
11-Oct-95					0.003						0.001					300	0.002				0.2	0.005			0.11			0.006			8.24						
5-Nov-95					0.008						0.002					510	0.004				0.6	0.005			1.65			0.008			6.98						
12-Dec-95					0.005						0.001					355	0.002				0.4	0.01			2.6			0.008			7.67						
1-Jan-96					0.001						0.001					365	0.004				0.02	0.005			0.026			0.002			7.83						
9-Feb-96					0.001						0.001					530	0.002				0.2	0.005			0.098			0.002			7.72						
5-Mar-96					0.001						0.002					430	0.006				0.2	0.005			0.11			0.008			7.11						
7-Apr-96					0.005						0.001					450	0.014				0.2	0.015			0.064			0.002			7.73						
28-Apr-96					0.009						0.006					450	0.016				3.4	0.055			1.74			0.014			8.35						
24-Jun-96					0.003						0.001					500	0.002				0.2	0.015			0.014			0.004			7.67						
17-Jul-96	107										0.006					714	0.01		375		0.36	0.06			0.332				0.029	0.005	7.81						
18-Jul-96					0.03						0.004					340	0.002				0.2	0.02			0.25			0.006			7.28						
2-Aug-96					0.01						0.01					600	0.01				0.01	0.48			0.52			0.01			7.84						
16-Sep-96					0.01						0.01					360	0.01				0.01	0.01			0.34			0.01			7.44						
3-Oct-96					0.01						0.01					320	0.01				0.01	0.01			0.4			0.01			7.45						
30-Oct-96											0.01					440	0.01				0.2	0.01			0.39			0.01			7						
30-Nov-96											0.01					320	0.01				0.2	0.01			1.57			0.01			7.8						
21-May-97	32.3										0.006					242	0.006		119		1.01	0.06			0.498				0.021	0.005	7.32						
30-Jun-97	101				0.05						0.005					850	0.01					0.05						0.01			7.6						
10-Oct-97	142				0.05						0.001					800	0.01					0.05						0.01			7.4						
15-Jan-98					0.05						0.001					810	0.01				1	0.05			0.46			0.01			7.7						
1-Feb-98	144			0.05	0.05						0.001					880	0.01		506		1	0.05			2.3			0.01			7.2						
13-Mar-98	150			0.05	0.05						0.003					860	0.01		519		4	0.05			2.6			0.03			7						
12-Apr-98				0.05	0.05						0.005					990	0.01		559		2	0.05			1.25			0.16			6.9						
12-May-98	82			0.05	0.05						0.002					540	0.01		325		1	0.05			0.78			0.01			7.4						
24-May-01		2.24		0.02	0.02	0.149	0.0006				0.0031	72		0.003	0.003		0.036				6.44	0.013		13	1.11		0.01	0.013				0.3	1.3	0.02	4.5	0.002	
8-Feb-01	114	0.01	0.05	0.05	0.02	0.0702	0.0005		0.02		0.0015	163		0.001	0.001		0.002		503		0.246	0.005	0.013	23.4	1.06		0.01	0.004	0.25	0.5	7.70	0.05	0.6	0.02	3.96	0.002	1.61
11-Jul-01	87	0.23		0.02	0.02	0.0507	0.0006				0.0018	84.6	6	0.001	0.001	638	0.02				0.853	0.013		14.9	0.399		0.01	0.008	0.047	0.002	7.7	0.06	0.4	0.02	2	0.002	
7-Mar-03		0.01		0.02	0.02	0.071	0.0006		0.02		0.0013	173		0.001	0.001		0.001				0.379	0.006	0.012	24.4	1.34		0.01	0.006				0.06	0.4	0.02	0.4	0.002	1.58
2-Aug-03	132	1.09	0.05	0.02	0.02	0.0953	0.0006	160	0.02		0.0023	190	6	0.002	0.001		0.018		601	5	2.42	0.006	0.016	34.8	0.578		0.01	0.008	0.1	1	8.09	0.06	0.4	0.06	4.5	0.002	1.63
12-Sept-03		0.01		0.02	0.02	0.0514	0.0006		0.02		0.0012	109		0.001	0.001		0.004				0.151	0.006	0.006	21.1	0.51		0.01	0.002				0.06	0.3	0.02	3.1	0.002	1.28
31-Oct-03		0.01		0.02	0.02	0.0644	0.0006		0.02		0.0016	147		0.001	0.001		0.001				0.101	0.006	0.009	27.8	0.271		0.01	0.001			8.2	0.06	0.3	0.19	4.6	0.002	1.69
17-Dec-03	113	0.01		0.02	0.02	0.0762	0.0006	138	0.02		0.0006	50.2	6	0.001	0.001		0.001		165	5	0.036	0.006	0.006	10.1	0.0364		0.01	0.001			8	0.06	0.3	0.02	2.8	0.002	0.97
19-Feb-04	143	0.01		0.02	0.04	0.084	0.0006	175	0.02		0.0006	230	6	0.001	0.001	771	0.002		679	5	0.187	0.033	0.016	36.9	1.53		0.01	0.006				0.06	1	0.1	5.1	0.002	1.94
23-Mar-04	143	0.01		0.02	0.04	0.0522	0.0033	175	0.29		0.0011	147	6	0.001	0.001	786	0.01		497	5	0.293	0.01	0.014	25.3	1.18		0.01	0.004			7.94	0.06	1	0.1	4.4	0.002	1.38
24-Apr-04	144	0.01		0.02	0.04	0.0647	0.0006	175	0.02		0.0011	78.5	6	0.001	0.001	791	0.001		511	5	0.239	0.01	0.012	14.5	1.01		0.01	0.002			7.51	0.06	1	0.1	4.3	0.002	0.87
19-May-04	47	0.14		0.02	0.04	0.0301	0.0006	57	0.02		0.0013	37.3	6	0.001	0.001		0.007		117	5	0.538	0.033	0.007	6.12	0.36		0.01	0.002			8.1	0.06	1	0.1	1.5	0.002	0.52
17-Jun-04	120	0.02		0.02	0.04	0.0532	0.0006	147	0.02		0.0034	112	6	0.002	0.001		0.013		360	5	0.108	0.022	0.014	20.3	0.468		0.01	0.008			7.9	0.06	1	0.1	1.5	0.002	1.34
21-Jul-04	117	0.026		0.0007	0.0056	0.065	0.0001	143	0.0005	0.004	0.00512	129	6	0.001	0.0003	790	0.001		452	5	0.2	0.0075	0.015	25.4	0.666		0.001	0.0054			8		0.4	0.0008	2.5	0.0003	1.4
30-Jul-04	114	0.058	0.05	0.0008	0.0082	0.061	0.0001	139	0.0005	0.031	0.00417	129	6	0.0006	0.0006	711	0.002		419	5	0.3	0.0193	0.016	24.3	0.542		0.002	0.0058	0.05	0.1	7.61		0.4	0.0007	2.48	0.0003	1.4
24-Aug-04	126	0.01		0.02	0.04	0.0622	0.0006	153	0.02		0.0034	132	6	0.001	0.001	760	0.003		410	5	0.109	0.01	0.012	22.7	0.346		0.01	0.002			7.8	0.08	1.6	0.1	2.5	0.002	1.15
21-Sept-04	128	0.005		0.0003	0.0025	0.059	0.0001	157	0.0005	0.002	0.00206	129	6	0.0005	0.0001		0.001		426	5	0.1	0.0011	0.012	25	0.237		0.001	0.0024			8.1		0.4	0.001	2.66	0.0001	1.5
22-Oct-04	132	0.005		0.0002	0.0022	0.067	0.0001	161	0.0005	0.002	0.00161	141	6	0.0005	0.0002	887	0.001		477	5	0.1	0.0014	0.013	27.5	0.292		0.001	0.0083			8.12		0.4	0.001	3.42	0.0001	1.7
29-Nov-04	141	0.006		0.0006	0.0016	0.071	0.0001	172	0.0005	0.002	0.00138	138	6	0.0005	0.0004	887	0.001		451	5	0.1	0.0024	0.009	25.4	0.839		0.001	0.0036			8.12		0.4	0.001	3.43	0.0006	1.7
17-Dec-04	150			0.0002	0.002	0.073	0.0001	182		0.002	0.00114		6	0.0005	0.0006	800	0.001		469	5		0.0042				0.0002	0.001	0.0056			7.2			0.0006		0.0001	
26-Jan-05	162	0.005		0.0002	0.0027	0.078	0.0001	198	0.0005	0.002	0.00063	153	6	0.0005	0.0006	978	0.001		512	5	0.2	0.0032	0.013	27.8	2.04		0.001	0.0052			7.15		0.7	0.0006	4.18	0.0001	1.5
27-Feb-05	157	0.05		0.005	0.0038	0.075	0.001	192	0.0096	0.02	0.00071		6	0.005	0.001	954	0.01		496	5	0.2	0.009	0.013				0.01	0.0088			7.12			0.002	4.42	0.001	1.6
22-Mar-05	171	0.02		0.0002	0.0033	0.074	0.0001	209	0.0005	0.004	0.00064	154	6	0.002	0.0006	978	0.052		543	5	0.3	0.0035	0.014	26.1	1.77		0.001	0.0072			8.75		0.6	0.0009	4.6	0.0018	1
22-Apr-05	160	0.01		0.0002	0.0028	0.065	0.0001	196	0.0005	0.002	0.00078	146	6	0.0005	0.0003	918	0.001		482	5	0.2	0.0055	0.014	25.7	1.22		0.001	0.004			8.3		0.9	0.0008	4.2	0.0001	2
26-May-05	88	0.384		0.001	0.0118	0.06	0.0001	107	0.0005	0.003	0.00333	88.6	6	0.0009	0.0008	600	0.003		283	5	1.3	0.0552	0.007	15.2	0.673		0.001	0.006			8.4		0.4	0.0007	3.28	0.0004	1
30-Jun-05	105	0.452		0.0025	0.0261	0.076	0.0001	128	0.0005	0.002	0.00527	114	6	0.0009	0.0008		0.003		384	5	1.6	0.12	0.01	22.6	0.891		0.001	0.0053			8.4		0.4	0.0007	2.42	0.0013	1.2
20-Jul-05	130	0.179	0.01	0.0013	0.0153	0.065	0.0001	159	0.0005	0.005	0.00365	104	6	0.0007	0.0003	622	0.002		367	5	0.7	0.0586	0.01	21.5	0.428		0.001	0.0033	0.03	0.07	8.3		0.4	0.0008	2.6	0.0005	1.2
22-Aug-05	114	0.489	0.004	0.0032	0.0499	0.083	0.0001	139	0.0005	0.002	0.0106	98.5	6	0.0011	0.0016	602	0.007		351	5	3.5	0.406	0.008	19.7	1.95		0.001	0.0052	0.03	0.05	7.96		0.4	0.0013	3.45	0.0019	1.3
22-Sep-05	133	0.012	0.05	0.0003	0.0024	0.054	0.0001	162	0.0005	0.003	0.00219	108	6	0.0005	0.0002	800	0.001		352	5	0.1	0.0027	0.009	18.8	0.214		0.001	0.0024			8.18		0.4	0.0009	2.78	0.0001	1.4
27-Oct-05	125	0.063	0.013	0.0005	0.0076	0.058	0.0001	152	0.0005	0.003	0.00173	115	6	0.0005	0.0005	800	0.001			5	0.3	0.0247	0.012	19.9	0.326		0.001	0.0039	0.12	0.12			0.4	0.0011	3.5	0.0002	1.5
29-Nov-05	130	0.026		0.0005	0.0048	0.073	0.0001	158	0.0005	0.002	0.00129	134	6	0.0005	0.0004	736	0.001		416	5	0.1	0.0191	0.014	23.4	0.954		0.001	0.0038			7.47		0.4	0.0009	4.24	0.0001	1.6
14-Dec-05	133	0.025		0.0004	0.0028	0.067	0.0001	162	0.0005	0.004	0.00112	121	6	0.0005	0.0005	666	0.002		406	5	0.2	0.0084	0.014	21.4	1.07		0.001	0.0042			7.14		0.4	0.0012	3.88	0.0001	1.6
25-Jan-06	134	0.014		0.0002	0.003	0.078	0.0001	163	0.0005	0.003	0.00084	118	6	0.0005	0.0004	665	0.001		394	5	0.2	0.0049	0.01	19.8	1.02		0.001	0.0024			7.11		0.4	0.001	3.71	0.0001	1.7
23-Feb-06	128	0.011		0.0002	0.0027	0.067	0.0001	156	0.0005	0.003	0.00068	132	6	0.0005	0.0003	633	0.001		412	5	0.2	0.0025	0.012	20.4	1.06		0.001	0.0005			7.04		0.4	0.0009	4.11	0.0001	1.4
15-Mar-06	134	0.005		0.0002	0.0022	0.073	0.0001	163	0.0005	0.003	0.00081	132	6	0.0005	0.0005	682	0.001		419	5	0.2	0.0019	0.015	22.9	1.06		0.001	0.0032			7.55		0.4	0.0011	4.27	0.0001	1.4
28-Apr-06	138	0.017		0.0004	0.0146	0.066	0.0001	169	0.0005	0.002	0.00121	136	6	0.0005	0.0004		0.001		414	5	0.6	0.0518	0.008	21.1	1.2		0.001	0.0025			7.2		0.5	0.0011	3.92	0.0001	1.3
26-May-06	73	0.216		0.0007	0.0057	0.04	0.0001	89	0.0005	0.002	0.00159	54.6	6	0.0005	0.0006		0.002		169	5	0.7	0.026	0.004	9.2	0.455		0.001	0.0027	0.03	0.06	9.0		0.4	0.0007	2.29	0.0003	0.8
28-Jun-06		0.031		0.0005	0.0042	0.055	0.0001		0.0005	0.002	0.00321	99		0.0005	0.0004	659	0.001				0.2	0.0057	0.007	17.3	0.277		0.001	0.0024			7.62		0.4	0.0006	1.94	0.0001	1.1
30-Jul-06		0.059		0.0008	0.0065	0.061	0.0001		0.0005	0.005	0.00222	108		0.0006	0.0002		0.002				0.3	0.0147	0.01	19.8	0.28		0.001	0.0041					0.4	0.0009	2	0.0001	1.3
31-Aug-06		0.01		0.0005	0.004	0.064	0.0002		0.001	0.004	0.00224	111		0.001	0.0002	620	0.002				0.2	0.0076	0.007	21.3	0.18		0.002	0.005			7.4		0.8	0.0008	2.52	0.0002	1
21-Sep-06		0.008		0.0003	0.0027	0.058	0.0001		0.0005	0.002	0.00158	108		0.0005	0.0003	690	0.002				0.1	0.0028	0.01	20.4	0.156		0.001	0.0024			8.3		0.4	0.0006	2.51	0.0001	1.4
24-Oct-06		0.013		0.0003	0.0026	0.062	0.0001		0.0005	0.002	0.00123	115		0.0005	0.0001	720	0.001				0.2	0.0041	0.01	21.2	0.219		0.001	0.0011			8.3		0.4	0.0006	3.07	0.0001	1.5
29-Nov-06		0.024		0.0009	0.0038	0.146	0.0001		0.0005	0.004	0.00212	294		0.0007	0.0001	1145	0.002				0.2	0.0013	0.028	65.2	0.419		0.001	0.005			7.62		2	0.003	8.3	0.0001	4.1
21-Dec-06		0.348		0.0002	0.0022	0.057	0.0001		0.0005	0.002	0.00037	110		0.001	0.0014	463	0.003				0.8	0.003	0.012	8.8	0.736		0.001	0.0026			7.8		0.5	0.0003	4.04	0.0001	1.3
22-Jan-07		0.048		0.0002	0.0023	0.072	0.0001		0.0005	0.002	0.0006	133		0.0005	0.0003	580	0.001				0.2	0.0043	0.013	23	1.08		0.001	0.0027			7.22		0.5	0.0009	4.3	0.0001	1.4
25-Feb-07		127		0.017	0.0002	0.002	0.07		0.0001	0.0005	0.002	0.00056		0.0005	0.0003	620	0.001				0.1	0.002	0.01	22.6	0.814		0.001	0.0034			7.83		0.4	0.0011	3.92	0.0001	1.4
23-Mar-07		0.018		0.0002	0.0075	0.019	0.0001		0.0005	0.002	0.00008	147		0.0008	0.0002	702	0.001				0.1	0.0005	0.023	7.7	0.014		0.001	0.0007			7.88		0.4	0.0003	6.2	0.0001	1.7
18-Apr-07		0.131		0.0003	0.0024	0.037	0.0001		0.0005	0.004	0.00256	130		0.0007	0.0005	695	0.004				0.2	0.0015	0.014	16.4	0.212		0.001	0.0012			7.78		1.6	0.0008	5.19	0.0001	5.8
29-May-07		0.756		0.001	0.011	0.048	0.0002		0.001	0.01	0.00129	68.1		0.002	0.001	322	0.004				1	0.0353	0.007	9.3	0.456		0.002	0.0058			8.18		0.8	0.0004	3.12	0.0004	0.8
17-Jun-07		0.106		0.0004	0.004	0.061	0.0001		0.0005	0.002	0.00164	99.5		0.0005	0.0002	440	0.002				0.3	0.0056	0.008	18.6	0.328		0.001	0.0026			7.93		0.4	0.001	2.36	0.0001	1.7
Summary statistics																																					
n	40	49	7	37	37	50	50	31	47	36	37	48	32	37	37	77	37	8	37	31	81	37	36	48	80	1	50	37	10	10	85	14	48	37	49	37	47
mean	123	3	0.032	0.002	0.007	0.07	0.002	156	0.01	0.004	0.0021	121	6	0.0008	0.0005	653	0.003	0.011	415	5	0.6	0.03	0.012	21	0.8	0.0002	0.004	0.0039	0.07	0.2	7.7	0.08	0.6	0.004	3.5	0.0004	1.5
standard deviation (S.D.)	29	18	0.022	0.004	0.010	0.02	0.010	31	0.04	0.006	0.0019	46	0	0.0008	0.0003	252	0.008	0.004	124	0	1.0	0.07	0.004	9	0.6	#DIV/0!	0.004	0.0020	0.07	0.3	0.4	0.06	0.4	0.016	1.3	0.0005	0.8
mean - 3 S.D.	35	-52	-0.034	-0.011	-0.024	0.00	-0.028	63	-0.12	-0.013	-0.0037	-18	6	-0.0016	-0.0006	-103	-0.022	0.001	42	5	-2.4	-0.18	-0.002	-6	-1.1	#DIV/0!	-0.009	-0.0021	-0.14	-0.8	6.4	-0.11	-0.5	-0.045	-0.5	-0.0012	-0.9
mean + 3 S.D.	211	57	0.099	0.014	0.039	0.14	0.031	249	0.14	0.021	0.0078	260	6	0.0032	0.0015	1409	0.029	0.022	787	5	3.6	0.23	0.025	49	2.6	#DIV/0!	0.016	0.0098	0.28	1.2	9.1	0.27	1.7	0.052	7.4	0.0020	4.0

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.7: Water quality parameters for station KV6, United Keno Hill, 1994 - 2007[1].

Parameter	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Solids	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date													
27-Jan-94									4				
24-Feb-94									8				
28-Mar-94									8				
23-Apr-94									4				
1-Jun-94									8				
29-Jul-94									1				
17-Aug-94									8				
29-Sep-94									1				
31-Oct-94									1			0.68	
29-Nov-94									1			0.92	
5-Jan-95												0.87	
29-Mar-95									2			0.115	
27-Apr-95									12			1.75	
3-May-95									16			0.61	
6-Jul-95									4			0.54	
11-Jul-95									5			0.281	
11-Aug-95									16			0.25	
4-Sep-95									1			0.27	
11-Oct-95									16			0.27	
5-Nov-95									20			0.5	
12-Dec-95									4			0.36	
1-Jan-96									1			0.026	
9-Feb-96									4			0.022	
5-Mar-96									1			0.3	
7-Apr-96									1			0.008	
28-Apr-96									124			0.67	
24-Jun-96									5			0.67	
17-Jul-96		281							5				
18-Jul-96									19			0.31	
2-Aug-96									32			0.46	
16-Sep-96									96			0.29	
3-Oct-96									48			0.24	
30-Oct-96									48			0.25	
30-Nov-96									12			0.27	
21-May-97		80							19				
30-Jun-97		425							374			0.47	
10-Oct-97		307							5			0.1	
15-Jan-98		233							15			0.001	
1-Feb-98		385							30			0.33	
13-Mar-98		389							48			13.5	
12-Apr-98		165							24			0.25	
12-May-98		243							9			0.35	
24-May-01	0.126		53.8			0.006			512		0.01	1.05	
8-Feb-01	0.234	331	119	0.005		0.005	0.001		5	0.06	0.001	0.209	0.005
11-Jul-01	0.143	280	66.1			0.006			51		0.008	0.54	
7-Mar-03	0.213		120		0.006	0.006	0.001			0.07	0.019	0.168	0.006
2-Aug-03	0.279	467	149	0.006		0.006	0.029		98	0.07	0.022	0.9	0.006
12-Sept-03	0.177		73.3		0.006	0.012	0.004			0.07	0.001	0.292	0.006
31-Oct-03	0.232		86.7		0.006	0.013	0.001			0.07	0.001	0.259	0.006
17-Dec-03	0.141	63.4	21.3		0.006	0.006	0.001		2	0.07	0.001	0.001	0.006
19-Feb-04	0.272	429	144		0.006	0.01	0.004		2	0.07	0.001	0.164	0.006
23-Mar-04	0.252	343	126			0.01	0.004		2	0.07	0.001	0.177	0.006
24-Apr-04	0.255	349	116			0.01	0.006		3	0.07	0.001	0.171	0.006
19-May-04	0.054	62.7	21.1		0.006	0.01	0.028		5	0.07	0.002	0.164	0.006
17-Jun-04	0.183	281	88.9		0.007	0.01	0.004		2	0.09	0.001	0.35	0.006
21-Jul-04	0.237	317	116	0.00005		0.001	0.006		1	0.006	0.0001	0.678	0.001
30-Jul-04	0.23	281	95.3	0.00005		0.001	0.0078		5	0.0057	0.0002	0.52	0.001
24-Aug-04	0.273	72.5	91.4			0.01	0.093		2	0.07	0.001	0.396	0.006
21-Sept-04	0.238	271	87.2	0.00005		0.001	0.0051		1	0.0064	0.0001	0.291	0.001
22-Oct-04	0.248	287	97.4	0.00005		0.001	0.0067		1	0.0065	0.0006	0.27	0.001
29-Nov-04	0.248	315	95.2	0.00005		0.001	0.0065		2	0.0063	0.0002	0.255	0.001
17-Dec-04		307	0.105	0.00005			0.0063		1	0.007		0.237	
26-Jan-05	0.23	334	107	0.00005		0.001	0.0062		1	0.0068	0.0001	0.164	0.001
27-Feb-05	0.264	320	111	0.0005		0.01	0.0063		2	0.007	0.001	0.143	0.01
22-Mar-05	0.272	320	109	0.00005		0.001	0.005		2	0.0072	0.0001	0.185	0.001
22-Apr-05	0.254	300	105	0.00005		0.001	0.0062		2	0.0067	0.0001	0.149	0.001
26-May-05	0.157	170	60	0.00005		0.001	0.0155		17	0.0038	0.0015	0.38	0.001
30-Jun-05	0.229	250	85.2	0.00005		0.001	0.0172		36	0.0055	0.0014	0.438	0.001
20-Jul-05	0.212		78.2	0.00005		0.001	0.0081		80	0.0059	0.0006	0.389	0.001
22-Aug-05	0.176		71.3	0.00005		0.001	0.0192		8	0.0048	0.0017	0.709	0.001
22-Sep-05	0.192	248	71	0.00005		0.001	0.0049		2	0.0047	0.0002	0.275	0.001
27-Oct-05	0.229		77.7	0.00005		0.001	0.0089		2	0.0051	0.0004	0.322	0.001
29-Nov-05	0.229	250	91.6	0.00005		0.001	0.0056		2	0.0051	0.0002	0.228	0.001
14-Dec-05	0.224	293	84.2	0.00005		0.001	0.0043		2	0.0045	0.0001	0.166	0.001
25-Jan-06	0.228	297	82.1	0.00005		0.001	0.006		2	0.0054	0.0001	0.123	0.001
23-Feb-06	0.205	270	90	0.00005		0.001	0.0044		4	0.0047	0.0001	0.116	0.001
15-Mar-06	0.224	280	91.3	0.00005		0.001	0.006		2	0.0052	0.0002	0.13	0.001
28-Apr-06	0.229	87	94.8	0.00005		0.001	0.0038		2	0.0046	0.0002	0.147	0.001
26-May-06	0.095	106	35.2	0.00005		0.001	0.0081		12	0.0018	0.0007	0.218	0.001
28-Jun-06	0.179		73.2	0.00005		0.001	0.005			0.0044	0.0001	0.334	0.001
30-Jul-06	0.204		81	0.00005		0.001	0.0616			0.0044	0.0004	0.213	0.001
31-Aug-06	0.19		82.1	0.0001		0.002	0.005			0.0053	0.0002	0.249	0.002
21-Sep-06	0.186		79.4	0.00005		0.001	0.0046			0.0046	0.0001	0.223	0.001
24-Oct-06	0.185		78.2	0.00005		0.001	0.0054			0.0051	0.0001	0.182	0.001
29-Nov-06	0.581		221	0.00005		0.001	0.0116			0.0074	0.0002	0.611	0.001
21-Dec-06	0.148		48.6	0.00005		0.001	0.0184			0.0014	0.0011	0.022	0.001
22-Jan-07	0.218		91.8	0.00005		0.001	0.0068			0.0053	0.0002	0.106	0.001
25-Feb-07	0.234		85.7	0.00005		0.001	0.0058			0.0058	0.0001	0.101	0.001
23-Mar-07	0.196		66.6	0.00005		0.001	0.0005			0.0022	0.0001	0.015	0.001
18-Apr-07	0.232		81.7	0.00005		0.001	0.0005			0.0026	0.0004	0.169	0.001
29-May-07	0.11		42.5	0.0001		0.002	0.06			0.002	0.0023	0.14	0.002
17-Jun-07	0.179		71.4	0.00005		0.001	0.0025			0.0047	0.0005	0.244	0.001
Summary statistics													
n	49	21	50	36	7	36	48	-	75	37	36	82	47
mean	0.21	256	86	0.00007	0.0061	0.002	0.011	-	26	0.007	0.0005	0.5	0.0025
standard deviation (S.D.)	0.07	79	35	0.00008	0.0004	0.004	0.017	-	74	0.011	0.0005	1.5	0.0024
mean - 3 S.D.	0.00	20	-18	-0.00016	0.0050	-0.010	-0.041	-	-197	-0.026	-0.0012	-4.0	-0.0048
mean + 3 S.D.	0.43	492	191	0.00029	0.0073	0.013	0.063	-	249	0.039	0.0021	4.9	0.0098

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.8: Water quality parameters for station KV16, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total		Total	Total		Total	Total	as $CaCO_3$		Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
17-Dec-03	103	0.07		0.02	0.02	0.0631	0.0006	126	0.02		0.0011	141	6	0.001	0.001		0.006		438	5	0.163	0.007	0.007	22	0.83
22-Jan-04																986									
5-Jan-04	138	0.038		0.0005	0.0037	0.075	0.0001	169	0.0005	0.005	0.00533	150	6	0.0005	0.0011		0.001		484	5	0.3	0.0127	0.011	28	4.46
19-Feb-04	138	0.06		0.02	0.04	0.0712	0.0006	169	0.02		0.0029	233	6	0.001	0.001	862	0.111		695	5	0.303	0.044	0.017	37.3	9.27
23-Mar-04	134	0.01		0.02	0.04	0.0467	0.0011	163	0.12		0.0078	153	6	0.001	0.001	842	0.002		528	5	0.233	0.028	0.042	25.6	6.19
24-Apr-04	145	0.01		0.02	0.04	0.0602	0.0006	177	0.02		0.0045	102	6	0.001	0.001	863	0.001		534	5	0.262	0.01	0.015	18.8	4.33
19-May-04	42	1.04		0.02	0.04	0.0847	0.0006	52	0.02		0.006	0.002	6	38.2	0.002	220	0.002		114	5	0.019	2.67	0.033	0.007	6.14
17-Jun-04	129	0.08		0.02	0.04	0.0538	0.0006	157	0.02		0.002	136	6	0.002	0.001		0.009		424	5	0.294	0.01	0.009	21.8	0.468
21-Jul-04	132	0.28		0.0006	0.0058	0.068	0.0001	161	0.0005	0.004	0.00347	146	6	0.0005	0.0006	900	0.003		470	5	0.6	0.0056	0.017	27.6	0.724
24-Aug-04	143	0.01		0.02	0.04	0.0578	0.0006	174	0.02		0.0024	144	6	0.001	0.001	800	0.003		500	5	0.157	0.01	0.014	24	0.446
21-Sep-04	130	0.039		0.0002	0.0031	0.058	0.0001	158	0.0005	0.002	0.00161	139	6	0.0005	0.0003		0.001		437	5	0.3	0.0015	0.013	25.8	0.342
22-Oct-04	141	0.019		0.0002	0.0023	0.06	0.0001	172	0.0005	0.003	0.0014	152	6	0.0005	0.0004		0.001		535	5	0.2	0.0009	0.014	28.5	0.365
29-Nov-04	150	0.017		0.0002	0.002	0.064	0.0001	182	0.0005	0.002	0.00117	148	6	0.0005	0.0003		0.001		495	5	0.2	0.0014	0.014	25.9	0.747
26-Jan-05	164	0.043		0.0003	0.0033	0.072	0.0001	200	0.0005	0.002	0.00073	160	6	0.0005	0.0007	1028	0.001		531	5	0.4	0.0043	0.013	28.6	1.73
27-Feb-05	154	0.023		0.0003	0.0031	0.069	0.0001	188	0.0007	0.002	0.00071		6	0.0005	0.0005		0.001		514	5	0.3	0.0044	0.015		
22-Mar-05	167	0.02		0.0002	0.0028	0.065	0.0001	204	0.0005	0.002	0.0009	169	6	0.0005	0.0004	1068	0.001		586	5	0.3	0.0022	0.013	28.3	1.38
22-Apr-05	145	0.13		0.0002	0.0069	0.062	0.0001	177	0.0005	0.002	0.00365	173	6	0.0005	0.0028	1025	0.001		536	5	1.2	0.004	0.015	28.6	2.97
27-May-05	90	0.573		0.0005	0.0057	0.06	0.0001	110	0.0005	0.004	0.00189	100	6	0.0012	0.0008	870	0.003		315	5	1.3	0.0098	0.009	16.8	0.465
30-Jun-05	118	0.093		0.0005	0.0042	0.063	0.0001	144	0.0005	0.002	0.0016	131	6	0.0005	0.0012	755	0.001		418	5	0.4	0.0052	0.01	24.2	0.315
20-Jul-05	138	0.103	0.025	0.0005	0.0052	0.06	0.0001	168	0.0005	0.005	0.00202	124	6	0.0005	0.0003	710	0.001		425	5	0.4	0.0075	0.012	24	0.369
23-Aug-05	113	6.15		0.0009	0.0639	0.221	0.0002	138	0.0005	0.004	0.0877	321	6	0.0106	0.0301		0.018		1000	5	18.5	0.0388	0.025	51.2	23.8
22-Sep-05	128	0.302	0.05	0.0003	0.0039	0.06	0.0001	156	0.0005	0.003	0.00175	123	6	0.0007	0.0007	874	0.002		398	5	0.8	0.0032	0.011	21	0.418
27-Oct-05	129	0.034	0.019	0.0002	0.0027	0.055	0.0001	157	0.0005	0.003	0.00122	136	6	0.0005	0.0006		0.001			5	0.2	0.0011	0.014	23.2	0.362
3-Nov-05	129	0.034		0.0002	0.0027	0.055	0.0001	157	0.0005	0.003	0.00122	136	6	0.0005	0.0006		0.001			5	0.2	0.0011	0.014	23.2	0.362
29-Nov-05	144	0.037		0.0003	0.0031	0.065	0.0001	176	0.0005	0.002	0.00145	138	6	0.0005	0.0004		0.002		447	5	0.3	0.0115	0.014	24.2	0.948
14-Dec-05	137	0.075		0.0002	0.003	0.061	0.0001	167	0.0005	0.003	0.00107	140	6	0.0005	0.0005	876	0.001		458	5	0.3	0.0065	0.014	24.7	0.989
25-Jan-06	142	0.12		0.0002	0.0034	0.07	0.0001	173	0.0005	0.002	0.00086	127	6	0.0005	0.0005	789	0.004		457	5	0.5	0.0036	0.01	21.7	0.902
23-Feb-06	138	0.088		0.0002	0.0036	0.066	0.0001	168	0.0005	0.003	0.0008	150	6	0.0005	0.0004		0.001		504	5	0.5	0.003	0.014	23.9	0.977
15-Mar-06	140	0.022		0.0002	0.0033	0.071	0.0001	171	0.0005	0.002	0.00091	152	6	0.0005	0.0007	746	0.001		464	5	0.4	0.004	0.015	26.6	1.04
28-Apr-06	146	0.023		0.0002	0.0027	0.059	0.0001	178	0.0005	0.002	0.00076	151	6	0.0005	0.0003		0.002		472	5	0.2	0.0024	0.01	23.2	0.751
26-May-06	92	1.14		0.0005	0.0063	0.063	0.0001	112	0.0005	0.002	0.00123	70.4	6	0.002	0.0013		0.005		214	5	2.1	0.0107	0.007	11.8	0.477
28-Jun-06		1.55		0.0005	0.0198	0.124	0.0001		0.0005	0.003	0.00424	115		0.0024	0.0043	727	0.015				6	0.0268	0.009	19.4	0.979
30-Jul-06		1.06		0.0007	0.0159	0.085	0.0001		0.0005	0.005	0.00329	142		0.002	0.0019		0.006				2.6	0.0129	0.013	24.5	0.905
31-Aug-06		0.19		0.0004	0.0052	0.068	0.0002		0.001	0.004	0.00204	135		0.001	0.0004	740	0.002				0.6	0.0059	0.01	24.8	0.375
21-Sep-06		0.107		0.0003	0.0037	0.058	0.0001		0.0005	0.002	0.00129	133		0.0005	0.0006	760	0.001				0.3	0.0025	0.011	23.9	0.255
25-Oct-06		0.366		0.0005	0.0054	0.068	0.0001		0.0005	0.002	0.00146	142		0.0008	0.0005	790	0.002				1	0.0104	0.012	25.6	0.354
29-Nov-06		0.006		0.0007	0.004	0.115	0.0001		0.0005	0.004	0.00218	296		0.0005	0.0005	572	0.001				0.1	0.0014	0.021	61	0.974
22-Dec-06		0.12		0.0004	0.0031	0.07	0.0001		0.0005	0.002	0.00103	149		0.0005	0.0006		0.002				0.4	0.0049	0.012	27.1	0.928
22-Jan-07		0.006		0.0002	0.0015	0.056	0.0001		0.0005	0.002	0.0028	581		0.0005	0.0001	1645	0.001				0.1	0.0005	0.057	107	0.232
28-Feb-07		823		0.01	0.0004	0.002	0.13		0.0002	0.001	0.026	0.00948		0.001	0.0003	3104	0.002				0.2	0.0006	0.19	184	0.257
23-Mar-07		0.005		0.0002	0.0035	0.074	0.0001		0.0005	0.002	0.00149	531		0.0005	0.0009	1999	0.001				0.1	0.0003	0.053	96.6	0.318
18-Apr-07		0.027		0.0002	0.0023	0.052	0.0001		0.0005	0.002	0.00139	166		0.0005	0.0003	827	0.001				0.2	0.0037	0.015	28.2	0.623
29-May-07		0.478		0.0004	0.0042	0.062	0.0002		0.001	0.004	0.00188	315		0.002	0.001	1215	0.002				1	0.0022	0.01	26.7	0.414
17-Jun-07		0.496		0.0005	0.0054	0.065	0.0001		0.0005	0.002	0.00185	121		0.0012	0.0007	591	0.003				1	0.0067	0.01	21.4	0.523
Summary statistics																									
n	30	43	3	36	36	43	43	30	43	36	36	42	30	36	36	28	36	0	28	30	43	36	36	42	42
mean	131	19	0.031	0.001	0.007	0.07	0.003	160	0.006	0.0028	0.005	166	6	0.0011	0.002	971	0.003	-	478	5	1.0	0.006	0.02	33	2
standard deviation (S.D.)	24	125	0.016	0.004	0.012	0.03	0.020	30	0.019	0.0011	0.015	107	0	0.0017	0.005	528	0.004	-	149	0	2.9	0.008	0.03	30	4
mean - 3 S.D.	58	-357	-0.018	-0.010	-0.029	-0.02	-0.056	71	-0.051	-0.0004	-0.040	-155	6	-0.0041	-0.013	-612	-0.008	-	32	5	-7.6	-0.016	-0.07	-58	-10
mean + 3 S.D.	204	396	0.081	0.012	0.043	0.16	0.063	249	0.063	0.0059	0.049	487	6	0.0062	0.016	2554	0.014	-	925	5	9.7	0.029	0.11	124	14

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.8: Water quality parameters for station KV16, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
17-Dec-03		0.01	0.002				0.06	0.7	0.02	4.1	0.002	2.01	0.208	287	96.7		0.006	0.022	0.001		2	0.07	0.001	0.187	0.006
22-Jan-04						7.1																			
5-Jan-04		0.001	0.013					0.4	0.0009	3.36	0.0001	2	0.28	340	114	0.00005		0.001	0.007		3	0.0072	0.0002	2.9	0.001
19-Feb-04		0.01	0.022				0.06	1	0.1	5	0.002	2.02	0.303	462		156	0.006	0.01	0.006			0.07	0.001	5.41	0.006
23-Mar-04		0.01	0.023			7.48	0.22	1	0.1	4.5	0.002	1.4	0.283	395	148			0.01	0.004		5	0.07	0.001	4.400	0.006
24-Apr-04		0.01	0.008			7.39	0.15	1	0.1	4.4	0.002	1.2	0.31	382	134			0.01	0.009		4	0.07	0.001	2.240	0.006
19-May-04		0.464	0.01			7.77	0.008	0.16	1	0.1	0.002	0.51	0.062	62.7	21.1		0.006	0.01	0.051		146	0.07	0.003	0.284	0.006
17-Jun-04		0.01	0.007			8.3	0.06	1	0.1	2	0.002	1.62	0.231	259	100		0.006	0.011	0.006		9	0.07	0.001	0.279	0.006
21-Jul-04		0.001	0.0053			8.3		0.4	0.0005	2.56	0.0002	1.7	0.3	326	106	0.00005		0.001	0.0138		11	0.0053	0.0008	0.536	0.001
24-Aug-04		0.01	0.002			7.6	0.06	1	0.1	2.6	0.002	1.28	0.306	274	103			0.01	0.094		3	0.07	0.001	0.326	0.006
21-Sep-04		0.001	0.0026			8.3	0.5		0.0008	2.8	0.0001	1.6	0.26	282	92.3	0.00005		0.001	0.007		4	0.0052	0.0002	0.245	0.001
22-Oct-04		0.001	0.0094					0.4	0.001	3.38	0.0001	1.8	0.3	334	106	0.00005		0.001	0.0079		2	0.0059	0.0004	0.25	0.001
29-Nov-04		0.001	0.004			7.2		0.5	0.0008	3.59	0.0003	1.8	0.307	319	104	0.00005		0.001	0.0049		2	0.0056	0.0005	0.243	0.001
26-Jan-05		0.001	0.0053			7.4		0.7	0.0006	4.12	0.0002	1.7	0.283	355	116	0.00005		0.001	0.0082		4	0.0062	0.0002	0.18	0.001
27-Feb-05		0.001	0.0041			7.1			0.0007	4.33	0.0001	1.5	0.3	343	114	0.00005		0.001	0.0068		2	0.0061	0.0013	0.168	0.001
22-Mar-05		0.001	0.004			8.95		0.6	0.0007	4.5	0.0001	2	0.35	390	125	0.00005		0.001	0.0058		2	0.006	0.0002	0.298	0.001
22-Apr-05		0.001	0.014			8.3	1		0.0007	4.4	0.0001	2	0.322	360	127	0.00005		0.001	0.025		14	0.0058	0.0006	3.42	0.001
27-May-05		0.001	0.0057			8.5		0.4	0.0005	3.92	0.0003	1.1	0.192	200	73	0.00005		0.001	0.0254		30	0.0033	0.0021	0.288	0.001
30-Jun-05		0.001	0.0029			8.2		0.4	0.0006	2.25	0.0001	1.3	0.282	260	98.6	0.00005		0.001	0.0065		6	0.0051	0.0004	0.196	0.001
20-Jul-05		0.001	0.0029	0.03	0.08	8.2	0.5		0.0007	2.61	0.0001	1.5	0.272		96.9	0.00005		0.001	0.0066		4	0.0053	0.0004	0.284	0.001
23-Aug-05		0.001	0.129				1.2		0.001	11.7	0.0008	2.5	0.642	900	298	0.00016		0.001	0.202		332	0.0038	0.02	35.9	0.003
22-Sep-05		0.001	0.0037			8.27	0.4		0.0005	3.31	0.0001	1.6	0.23	292	84	0.00005		0.001	0.0231		18	0.0042	0.001	0.29	0.001
27-Oct-05		0.001	0.0039	0.11	0.11			0.4	0.0011	3.43	0.0001	1.8	0.314		97.5	0.00005		0.001	0.0103		3	0.0049	0.0004	0.353	0.001
3-Nov-05		0.001	0.0039			8.3	0.4		0.0011	3.43	0.0001	1.8	0.314		97.5	0.00005		0.001	0.0103		3	0.0049	0.0004	0.353	0.001
29-Nov-05		0.001	0.0067				0.4		0.0008	3.92	0.0001	1.6	0.272	250	100	0.00005		0.001	0.0067		4	0.0047	0.0003	0.248	0.001
14-Dec-05		0.001	0.0037			6.6	0.5		0.001	3.98	0.0001	1.8	0.28	310	101	0.00005		0.001	0.0076		4	0.0043	0.0002	0.190	0.001
25-Jan-06		0.001	0.0024			7.1	0.5		0.0006	3.7	0.0001	1.7	0.275	1200	92.5	0.00005		0.001	0.0102		9	0.005	0.0004	0.135	0.001
23-Feb-06		0.001	0.0005				0.5		0.0011	4.25	0.0001	1.6	0.282	320	109	0.00005		0.001	0.0075		6	0.0047	0.0003	0.144	0.001
15-Mar-06		0.001	0.0035			7.4	0.5		0.0012	4.42	0.0001	1.6	0.306	330	109	0.00005		0.001	0.0078		6	0.0053	0.0003	0.178	0.001
28-Apr-06		0.001	0.0024					0.6	0.0009	3.87	0.0001	1.8	0.29	340	111	0.00005		0.001	0.0051		6	0.0043	0.0002	0.164	0.001
26-May-06		0.001	0.0045	0.03	0.04			0.8	0.0004	4.14	0.0001	1	0.135	150	49.8	0.00005		0.001	0.0439		52	0.0016	0.0036	0.274	0.001
28-Jun-06		0.001	0.0126			7.16		0.4	0.0005	3.9	0.0001	1.3	0.215		85.2	0.00005		0.001	0.0533			0.0039	0.0061	0.766	0.001
30-Jul-06		0.001	0.0085					0.4	0.001	3.51	0.0001	1.7	0.285		107	0.00005		0.001	0.0841			0.0041	0.0036	0.393	0.001
31-Aug-06		0.002	0.0065			7.1		0.8	0.0006	2.97	0.0002	2	0.255		103	0.0001		0.002	0.011			0.005	0.0006	0.284	0.002
21-Sep-06		0.001	0.0029			7.7		0.4	0.0006	2.76	0.0001	1.7	0.248		101	0.00005		0.001	0.0099			0.0045	0.0005	0.234	0.001
25-Oct-06		0.001	0.0023			7.2		0.5	0.0006	3.73	0.0002	1.8	0.254		98.3	0.00005		0.001	0.0186			0.005	0.0011	0.211	0.001
29-Nov-06		0.001	0.0046			7.76		1.7	0.0019	6.31	0.0001	3.6	0.604		230	0.00005		0.001	0.0095			0.0087	0.0001	0.384	0.001
22-Dec-06		0.001	0.0041			7.87		0.7	0.0007	4.22	0.0001	1.8	0.26		108	0.00005		0.001	0.0096			0.0048	0.0004	0.183	0.001
22-Jan-07		0.001	0.0075			6.79		2.1	0.0004	5.96	0.0001	5.2	1.18		537	0.00005		0.001	0.0314			0.0086	0.0002	1.04	0.001
28-Feb-07		0.002	0.017			7.45		2.8	0.001	10.2	0.0002	7.5	1.81		791	0.0001		0.002	0.0541			0.0096	0.0002	4.35	0.002
23-Mar-07		0.001	0.0038			7.67		2.3	0.0007	8.01	0.0001	5.3	1.04		474	0.00005		0.001	0.0292			0.0066	0.0001	0.442	0.001
18-Apr-07		0.001	0.0025			7.24		0.6	0.0007	4.27	0.0001	1.8	0.31		120	0.00005		0.001	0.0005			0.005	0.0001	0.34	0.001
29-May-07		0.002	0.0039			8.29		1	0.0004	3.11	0.0002	1	0.593		260	0.0001		0.002	0.0759			0.001	0.002	0.541	0.002
17-Jun-07		0.001	0.0044			8.13		0.5	0.0009	3.25	0.0001	1.8	0.25		92.8	0.00005		0.001	0.021			0.0041	0.0017	0.391	0.001
Summary statistics																									
n	0	43	36	3	3	33	18	31	36	43	36	43	43	20	42	35	4	36	43	0	29	36	36	43	43
mean	-	0.01	0.009	0.06	0.08	7.7	0.4	0.8	0.004	4.1	0.0002	2.0	0.4	377	148	0.00006	0.0060	0.0013	0.02	-	24	0.007	0.001	2	0.0019
standard deviation (S.D.)	-	0.07	0.021	0.05	0.04	0.6	0.3	0.6	0.017	2.0	0.0003	1.2	0.3	242	140	0.00002	0.0000	0.0015	0.04	-	65	0.011	0.003	6	0.0019
mean - 3 S.D.	-	-0.20	-0.054	-0.08	-0.03	6.0	-0.6	-1.0	-0.046	-1.8	-0.0008	-1.7	-0.5	-349	-273	-0.00001	0.0060	-0.0032	-0.08	-	-172	-0.026	-0.009	-15	-0.0036
mean + 3 S.D.	-	0.22	0.071	0.20	0.18	9.4	1.4	2.7	0.053	10.0	0.0012	5.7	1.3	1102	570	0.00013	0.0060	0.0059	0.13	-	220	0.040	0.012	18	0.0075

RED	Values that are less than the method detection limit
	Values that are greater than 3 standard deviations away from the mean (i.e. outliers)
	Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)
	Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available
	Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.9: Water quality parameters for station KV29, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total		Total	Total	Total	Total	water	Total		Total	Total	water	Total	Total		Total	Total	as $CaCO_3$	water	Total	Total	Total	Total	Total
Units	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
31-Oct-03		0.01		0.07	0.02	0.0411	0.0006		0.02		0.028	321		0.003	0.003	3	0.001				0.002	0.006	0.017	56.4	46.6
17-Dec-03	14	0.01		0.06	0.02	0.0182	0.0006	18	0.02		0.0449	271	6	0.008	0.001		0.001		827	5	0.002	0.006	0.018	47.1	52.7
5-Jan-04																									
22-Jan-04																1970									
19-Feb-04	10	0.14		0.02	0.08	0.0204	0.0019	12	0.02		0.108	299	6	0.007	0.017	1521	0.004		943	5	0.316	0.167	0.033	58.1	121
23-Mar-04	12	0.13		0.03	0.1	0.0211	0.0178	15	0.03		0.118	225	6	0.001	0.011	1521	0.001		824	5	0.002	0.01	0.023	43.8	95
24-Apr-04	38	0.04		0.02	0.04	0.018	0.0006	46	0.02		0.11	146	6	0.001	0.02	1340	0.002		786	5	0.126	0.01	0.025	26.8	101
19-May-04		0.3		0.02	0.04	0.0324	0.0008		0.02		0.0197	133		0.003	0.002		0.017				0.778	0.044	0.016	19.3	17.3
17-Jun-04	106	15.3		0.02	0.18	0.697	0.0013	129	0.02		0.214	247	6	0.034	0.05		0.14		791	5	44.4	0.233	0.038	45.6	61.7
21-Jul-04		2.33		0.0003	0.0107	0.087	0.0001		0.0005	0.004	0.0271	268		0.0034	0.0055	1520	0.01				4.7	0.0116	0.014	50.7	12.9
24-Aug-04	383	9.69		0.02	0.13	0.353	0.0007	467	0.02		0.195	303	6	0.041	0.073	1380	0.103		938	5	41.8	0.082	0.029	55.5	45.7
22-Sep-04	65	1.3		0.0002	0.0051	0.059	0.0001	79	0.0005	0.002	0.0123	298	6	0.0019	0.0029	874	0.005		984	5	3.3	0.0055	0.011	57.3	3.76
22-Oct-04	73	0.111		0.0002	0.0009	0.017	0.0001	89	0.0005	0.002	0.00682	325	6	0.0005	0.0009	965	0.004		1100	5	0.2	0.0005	0.008	60.3	0.628
30-Nov-04	110	0.051		0.002	0.0004	0.015	0.0001	134	0.0005	0.002	0.00402	349	6	0.0005	0.0025	1735	0.002		1100	5	0.1	0.0018	0.007	61.5	0.982
17-Dec-04	103			0.0002	0.001	0.017	0.0001	126		0.002	0.00532		6	0.0005	0.0005	1440	0.004		1090	5		0.0018			
26-Jan-05	124	0.017		0.0002	0.0023	0.015	0.0001	152	0.0005	0.002	0.0111	365	6	0.0005	0.0023	1970	0.001		1210	5	0.3	0.0003	0.013	63.7	2.71
28-Feb-05	126	0.05		0.0053	0.002	0.032	0.001	154	0.0081	0.02	0.0142		6	0.005	0.0028		0.01		1190	5	0.3	0.0012	0.014		
23-Mar-05	103	0.02		0.0002	0.0006	0.022	0.0001	125	0.0005	0.002	0.00672	345	6	0.0005	0.0001	1864	0.003		1170	5	0.1	0.0001	0.011	54.9	0.12
22-Apr-05	143	0.623		0.0002	0.0206	0.038	0.0001	175	0.0005	0.002	0.0199	348	6	0.002	0.0105	1025	0.003		1090	5	3.9	0.0046	0.019	49.6	12.8
27-May-05	44	0.443		0.0002	0.0041	0.033	0.0001	54	0.0005	0.002	0.00854	286	6	0.0012	0.0017	1470	0.005		880	5	1.6	0.0046	0.011	43.8	1.38
30-Jun-05	84	0.164		0.0002	0.0009	0.021	0.0001	102	0.0005	0.002	0.00572	306	6	0.0005	0.0005		0.001		959	5	0.3	0.0006	0.009	51.9	0.332
1-Jul-05	84	0.164		0.0002	0.0009	0.021	0.0001	102	0.0005	0.002	0.00572	306	6	0.0005	0.0005	1478	0.001		959	5	0.3	0.0006	0.009	51.9	0.332
24-Aug-05	91	3.09		0.0004	0.0109	0.174	0.0001	111	0.0005	0.004	0.00362	305	6	0.0053	0.0056		0.011		972	5	5.1	0.0136	0.02	50.9	0.977
22-Sep-05	120	3.69	0.09	0.0005	0.0128	0.166	0.0001	147	0.0005	0.004	0.00423	309	6	0.0065	0.0059	1737	0.015		999	5	6.4	0.0203	0.017	52	0.853
27-Oct-05	176	0.79	0.025	0.0004	0.0668	0.033	0.0001	214	0.0005	0.003	0.0772	346	6	0.0014	0.0433	829	0.007			5	10	0.0131	0.019	51.6	28.4
30-Nov-05	98	0.017		0.0002	0.0006	0.018	0.0001	119	0.0005	0.002	0.00311	365	6	0.0005	0.0001		0.001		1170	5	0.1	0.0004	0.013	56.6	0.073
15-Dec-05	82	0.364		0.0002	0.0017	0.026	0.0001	100	0.0005	0.002	0.00525	335	6	0.0005	0.0006		0.002		1120	5	0.9	0.0032	0.014	47.2	0.194
26-Jan-06	126	0.01		0.0002	0.0004	0.019	0.0001	154	0.0005	0.002	0.00414	395	6	0.0005	0.0002	1566	0.001		1250	5	0.1	0.0001	0.015	54.9	0.005
24-Feb-06	136	0.007		0.0002	0.0002	0.016	0.0001	166	0.0005	0.002	0.0057	412	6	0.0005	0.0001	1385	0.001		1240	5	0.1	0.0003	0.02	52.1	0.027
16-Mar-06	140	0.066		0.0002	0.0006	0.034	0.0001	171	0.0005	0.002	0.00606	414	6	0.0005	0.0005	1411	0.002		1180	5	0.1	0.0011	0.02	60.6	0.016
28-Apr-06	101	0.05		0.002	0.002	0.03	0.001	123	0.005	0.02	0.00712	366	6	0.005	0.001	1773	0.01		1140	5	0.1	0.001	0.01	50.6	0.098
26-May-06	59	0.363		0.0002	0.0022	0.028	0.0001	72	0.0005	0.002	0.00625	202	6	0.0005	0.0016		0.003		601	5	0.7	0.0017	0.01	27.2	1.84
5-Jun-06																									
29-Jun-06		4.13		0.0011	0.104	0.135	0.0002		0.0005	0.005	0.119	314		0.0062	0.0254	1181	0.025				20.3	0.0672	0.024	42.9	25.7
13-Jul-06	89							109					6							5					
31-Jul-06		1.48		0.0002	0.0066	0.078	0.0001		0.0005	0.005	0.0472	325		0.0026	0.005		0.004				2.2	0.0097	0.017	43.7	18.3
2-Aug-06																									
30-Aug-06		0.91		0.0004	0.0051	0.045	0.0002		0.001	0.004	0.0506	333		0.001	0.0066	1700	0.006				1.3	0.0034	0.02	47.6	23.1
13-Sep-06																									
21-Sep-06		0.013		0.0002	0.0004	0.033	0.0001		0.0005	0.002	0.00893	334		0.0005	0.0018	1600	0.002				0.1	0.0006	0.015	46.9	3.06
25-Oct-06		0.026		0.0002	0.0007	0.023	0.0001		0.0005	0.002	0.00445	346		0.0005	0.0001	1710	0.002				0.1	0.0001	0.014	49.7	0.018
29-Nov-06		0.04		0.0002	0.0006	0.041	0.0001		0.0005	0.002	0.00449	409		0.0005	0.0001		0.002				0.1	0.0004	0.017	65.2	0.12
12-Dec-06																									
21-Dec-06		0.027		0.0002	0.0005	0.035	0.0001		0.0005	0.002	0.00262	398		0.0005	0.0001	1075	0.002				0.1	0.0003	0.02	57.4	0.027
22-Jan-07		0.017		0.0002	0.0005	0.041	0.0001		0.0005	0.002	0.00448	423		0.0005	0.0001	1842	0.001				0.3	0.0006	0.022	59.7	0.022
25-Feb-07		450		0.01	0.0004	0.0006	0.043		0.0002	0.001	0.02	0.00555		0.001	0.0002	1695	0.002				0.2	0.001	0.045	73.1	0.11
22-Mar-07		0.055		0.0002	0.0014	0.054	0.0001		0.0005	0.003	0.00751	511		0.0005	0.0008	1995	0.002				0.2	0.0015	0.027	84.2	0.424
18-Apr-07		0.009		0.0002	0.0006	0.033	0.0001		0.0005	0.003	0.00634	353		0.0005	0.0008	1558	0.002				0.1	0.0003	0.021	50.1	1.95
29-May-07		0.062		0.0004	0.001	0.043	0.0002		0.001	0.004	0.00229	304		0.001	0.002	1316	0.002				0.2	0.002	0.022	39.8	8.83
18-Jun-07		1.29		0.0002	0.0059	0.06	0.0001		0.0005	0.002	0.0216	270		0.0023	0.0023	1150	0.004				2	0.007	0.018	35.6	8.02
Summary statistics																									
n	28	42	2	36	36	43	43	28	42	35	36	41	28	36	36	33	36	0	26	28	42	36	35	41	41
mean	101	12	0.0575	0.001	0.011	0.06	0.002	124	0.005	0.004	0.02	315	6	0.003	0.006	1442	0.007	-	1020	5	4	0.007	0.017	51	17
standard deviation (S.D.)	69	69	-	0.004	0.029	0.12	0.007	84	0.008	0.004	0.04	87	0	0.007	0.014	405	0.017	-	166	0	10	0.017	0.007	12	30
mean - 3 S.D.	-105	-196	-	-0.010	-0.075	-0.28	-0.019	-128	-0.020	-0.009	-0.09	54	6	-0.018	-0.037	227	-0.044	-	523	5	-25	-0.045	-0.005	16	-73
mean + 3 S.D.	308	220	-	0.012	0.097	0.41	0.023	375	0.030	0.016	0.13	575	6	0.023	0.048	2658	0.059	-	1517	5	33	0.059	0.039	86	107

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.9: Water quality parameters for station KV29, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
31-Oct-03		0.01	0.046				0.06	0.3	0.11	5.5	0.002	1.86	0.434		363		0.006	0.03	0.001			0.07	0.001	27.7	0.006
17-Dec-03		0.01	0.146				0.06	0.4	0.02	5.8	0.002	1.71	0.404	960	330		0.006	0.028	0.001		2	0.07	0.001	56.3	0.006
5-Jan-04																									
22-Jan-04						7.18														860					
19-Feb-04		0.01	0.26				0.06	1	0.1	4.7	0.002	1.72	0.327	1060	411		0.006	0.01	0.009			0.07	0.001	22.8	0.006
23-Mar-04		0.11	0.287				0.23	1	0.1	4.7	0.002	1.27	0.39	1070	357			0.01	0.004			0.07	0.001	81.4	0.006
24-Apr-04		0.01	0.221			6.8	0.16	1	0.1	3.9	0.002	0.99	0.376	1000	314			0.01	0.019			0.07	0.001	23.1	0.006
19-May-04		0.01	0.046			7.5	0.06	1	0.1	2.2	0.002	0.98	0.184		111		0.008	0.01	0.034			0.07	0.001	12.7	0.01
17-Jun-04		0.02	0.218				1.13	1.1	0.1	20.4	0.002	2	0.448	775	222		0.027	0.022	0.464		2140	0.19	0.044	57.3	0.03
21-Jul-04		0.001	0.0564			7.5		0.6	0.0009	5.85	0.0003	2.3	0.483		263	0.00005		0.001	0.0922			0.0005	0.0062	11.3	0.002
24-Aug-04		0.01	0.286			7.8	1.34	1.8	0.1	15.2	0.002	2.05	0.615	895	287			0.01	0.344		1300	0.07	0.032	65.5	0.006
22-Sep-04		0.001	0.024			8.27		0.6	0.0006	5.56	0.0001	2.7		806	258	0.00005		0.001	0.059		84	0.0008	0.0035	4.31	0.001
22-Oct-04		0.001	0.0307			8.13		0.4	0.0004	3.51	0.0001	2.9	0.568	864	288	0.00005		0.001	0.0236		8	0.0011	0.0004	2.72	0.001
30-Nov-04		0.001	0.0121			7.37		0.4	0.0003	2.84	0.0005	2.8	0.646	989	291	0.00005		0.001	0.0185	770	9	0.0022	0.0004	2.22	0.001
17-Dec-04	0.0002	0.001	0.0124			7.4			0.0002		0.0001			899	0.33	0.00005			0.0205		37	0.002		2.37	
26-Jan-05		0.001	0.0212			7.18		0.4	0.0002	3.08	0.0001	2.2	0.568	1020	337	0.00005		0.001	0.0198	860	2	0.0018	0.0001	5.56	0.001
28-Feb-05		0.01	0.048						0.0023	3.21	0.001	2.2	0.673	1040	326	0.0005		0.01	0.021		6	0.005	0.001	6.1	0.01
23-Mar-05		0.001	0.017			7.9		0.4	0.0004	3	0.0001	2	0.713	970	306	0.00005		0.001	0.013		2	0.001	0.0002	3.11	0.001
22-Apr-05		0.001	0.049			8.3		0.7	0.0004	4.3	0.0001	2	0.664	910	306	0.0001		0.001	0.034	446	51	0.002	0.0028	16	0.001
27-May-05		0.001	0.0183			8.5		0.7	0.0004	3.78	0.0002	1.7	0.511	780	279	0.00005		0.001	0.0262		55	0.0005	0.0016	3.79	0.001
30-Jun-05		0.001	0.0095			8.1		0.6	0.0006	3.32	0.0001	1.9	0.571	810	280	0.00005		0.001	0.0177		11	0.0017	0.0005	1.91	0.001
1-Jul-05		0.001	0.0095			8.08		0.6	0.0006	3.32	0.0001	1.9	0.571	810	280	0.00005		0.001	0.0177	676	11	0.0017	0.0005	1.91	0.001
24-Aug-05		0.001	0.0175			8.2	0.8	0.0007	7.54	0.0003	2.7	0.647	271	850		0.00005		0.001	0.144		160	0.004	0.0097	0.658	0.002
22-Sep-05		0.001	0.0242		1.8	7.5		1.2	0.0012	10.2	0.0004	2.8	0.629	850	280	0.00005		0.001	0.157		234	0.0068	0.011	0.898	0.002
27-Oct-05		0.001	0.192	0.25	0.25	7.93		0.5	0.0016	4.94	0.0001	2.2	0.737		327	0.00011		0.001	0.0578	361	151	0.003	0.0045	50.8	0.001
30-Nov-05		0.001	0.0063			8.0		0.4	0.0002	2.72	0.0001	2	0.67	860	337	0.00005		0.001	0.0198		4	0.0047	0.0001	1.04	0.001
15-Dec-05		0.001	0.0092			8.0		0.4	0.0003	3.35	0.0001	1.8	0.554	1160	312	0.00005		0.001	0.0249		35	0.0016	0.0008	1.86	0.001
26-Jan-06		0.001	0.0066			7.21		0.4	0.0005	3.09	0.0001	2.1	0.773	1250	351	0.00005		0.001	0.0222	686	2	0.0057	0.0001	1.18	0.001
24-Feb-06		0.001	0.0005			6.79		0.5	0.0005	3.5	0.0001	1.8	0.701	1080	354	0.00005		0.001	0.0155		2	0.0042	0.0001	1.57	0.001
16-Mar-06		0.001	0.0116			8.3		0.4	0.0007	3.75	0.0001	2.1	0.769	1110	360	0.00005		0.001	0.0436	686	5	0.0045	0.0005	1.75	0.001
28-Apr-06		0.01	0.006			8.1		0.7	0.002	3.48	0.001	2.2	0.67	1060	329	0.0005		0.01	0.013	780	2	0.005	0.001	2.05	0.01
26-May-06		0.001	0.011	0.03	0.04			1	0.0002	2.72	0.0001	1.1	0.36	540	184	0.00005		0.001	0.0239		30	0.0009	0.001	4.4	0.001
5-Jun-06																									
29-Jun-06		0.001	0.136			7.81		1.2	0.0007	8.89	0.0007	2.1	0.615		297	0.0002		0.001	0.138	544		0.0024	0.0139	51	0.002
13-Jul-06					0.17									920							1480				
31-Jul-06		0.001	0.0323					0.6	0.0004	4.69	0.0002	2	0.564		298	0.00005		0.001	0.107			0.0022	0.005	4.68	0.001
2-Aug-06																									
30-Aug-06		0.002	0.0515			7.7		0.8	0.0005	4.64	0.0002	2.1	0.554		324	0.0001		0.002	0.0447			0.0028	0.0025	7.76	0.002
13-Sep-06																									
21-Sep-06		0.001	0.0155			8.2		0.4	0.0002	3.34	0.0001	1.8	0.58		305	0.00005		0.001	0.0184			0.0039	0.0002	2.05	0.001
25-Oct-06		0.001	0.0062			7.2		0.4	0.0002	3.25	0.0001	2.2	0.579		300	0.00005		0.001	0.0204			0.0034	0.0002	1.5	0.001
29-Nov-06		0.001	0.0082					0.5	0.0009	4.36	0.0001	2.5	0.839		389	0.00005		0.001	0.0174			0.0011	0.0002	2.01	0.001
12-Dec-06																									
21-Dec-06		0.001	0.0058			7.68		0.5	0.0006	4.06	0.0001	2.4	0.737		360	0.00005		0.001	0.0216			0.0047	0.0002	0.952	0.001
22-Jan-07		0.001	0.0125			5.1		0.5	0.0002	4.19	0.0001	2.6	0.785		378	0.00005		0.001	0.0224			0.0058	0.0002	2.54	0.001
25-Feb-07		0.002	0.0277			7.92		2	0.0004	4.38	0.0002	3.3	0.944		389	0.0001		0.002	0.0252			0.0063	0.0002	4.34	0.002
22-Mar-07		0.001	0.023			7.58		0.7	0.0007	5.2	0.0001	3.5	0.987		462	0.00005		0.001	0.0317			0.0075	0.0003	4.3	0.001
18-Apr-07		0.001	0.0252			7.6		0.6	0.0002	3.55	0.0001	2.1	0.583		320	0.00005		0.001	0.0242			0.0041	0.0002	5.13	0.001
29-May-07		0.002	0.014			7.91		1	0.0004	3.12	0.0002	2	0.572		294	0.0001		0.002	0.0656			0.001	0.0004	6.69	0.002
18-Jun-07		0.001	0.0269			7.96		0.8	0.0009	5.1	0.0002	2	0.507		254	0.00005		0.001	0.0567			0.0021	0.0043	4.83	0.001
Summary statistics																									
n	1	43	36	2	4	35	9	41	36	42	36	42	41	22	42	35	5	35	43	10	25	36	35	43	42
mean	0.0002	0.006	0.04	0.14	0.6	7.7	0.4	0.7	0.2	5	0.1	2.1	7	931	305	0.00009	0.011	0.0019	0.05	667	233	0.005	0.003	13	0.003
standard deviation (S.D.)	-	0.017	0.06	-	0.8	0.6	0.5	0.4	1.3	3	0.4	0.6	42	154	76	0.00011	0.009	0.0000	0.09	169	549	0.011	0.006	21	0.005
mean - 3 S.D.	-	-0.045	-0.13	-	-1.9	5.8	-1.1	-0.5	-3.6	-5	-1.3	0.4	-119	470	76	-0.00023	-0.017	0.0019	-0.21	161	-1413	-0.029	-0.015	-48	-0.012
mean + 3 S.D.	-	0.056	0.20	-	3.0	9.5	2.0	1.9	4.0	15	1.4	3.8	134	1392	534	0.00041	0.038	0.0019	0.32	1173	1879	0.039	0.021	75	0.018

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.10: Water quality parameters for station KV30, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total		Total	Total	Total	Total	water	Total	Total	Total	Total	water	Total	Total		Total	Total	as $CaCO_3$	water	Total	Total	Total	Total	Total
Units	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
17-Dec-03	132	0.02		0.02	0.02	0.06	0.0006	161	0.02		0.0018	141	6	0.001	0.001		0.001		388	5	0.241	0.006	0.006	21.8	2.11
24-Jan-04																1051									
5-Jan-04	136	0.027		0.0004	0.0029	0.072	0.0001	165	0.0005	0.002	0.00565	163	6	0.0005	0.001		0.001		508	5	0.2	0.0097	0.013	29	4.4
19-Feb-04	139	0.01		0.02	0.04	0.0592	0.0006	170	0.02		0.0027	202	6	0.001	0.001	864	0.003		608	5	0.106	0.044	0.014	32.6	7.29
23-Mar-04	135	0.01		0.02	0.05	0.0522	0.0022	164	0.05		0.0089	154	6	0.001	0.003	882	0.01		547	5	0.288	0.028	0.007	26.8	7.65
24-Apr-04	142	0.02		0.02	0.04	0.0549	0.0006	173	0.02		0.0088	98.2	6	0.001	0.001	903	0.001		572	5	0.322	0.01	0.015	17.5	8.08
19-May-04	41	1.6		0.02	0.04	0.0912	0.0006	50	0.02		0.0021	41	6	0.003	0.002	203.9	0.017		120	5	3.44	0.033	0.007	6.92	0.899
17-Jun-04	131	1.31		0.02	0.04	0.113	0.0006	159	0.02		0.0278	144	6	0.004	0.006		0.024		461	5	4.2	0.033	0.013	25.6	5.74
21-Jul-04	117	0.344		0.0005	0.0055	0.065	0.0001	143	0.0005	0.004	0.00511	169	6	0.0006	0.0008	960	0.004		532	5	0.7	0.006	0.016	31.4	1.52
24-Aug-04	51	0.16		0.02	0.04	0.05	0.0006	62	0.02		0.0116	155	6	0.001	0.003	850	0.004		486	5	1.29	0.01	0.014	24.8	2.42
22-Oct-04	134	0.008		0.0003	0.0018	0.059	0.0001	163	0.0005	0.002	0.00236	162	6	0.0005	0.0003	1039	0.001		585	5	0.1	0.0006	0.014	30.8	0.286
29-Nov-04	146	0.011		0.0002	0.0018	0.063	0.0001	178	0.0005	0.002	0.00147	154	6	0.0005	0.0004	950	0.001		490	5	0.2	0.0013	0.01	27.6	0.728
17-Dec-04	148			0.0002	0.002	0.065	0.0001	180		0.002	0.00126		6	0.0005	0.0006	880	0.001		512	5		0.0021			
26-Jan-05	164	0.043		0.0003	0.0031	0.07	0.0001	199	0.0005	0.002	0.00084	171	6	0.0005	0.0008	1056	0.001		561	5	0.3	0.0039	0.013	30.5	1.7
27-Feb-05	160	0.05		0.005	0.0026	0.065	0.001	196	0.01	0.02	0.00099		6	0.005	0.001		0.01		558	5	0.3	0.0034	0.014		
22-Mar-05	160	0.01		0.0002	0.0028	0.063	0.0001	196	0.0005	0.002	0.00087	175	6	0.0005	0.0004	1071	0.001		568	5	0.2	0.0018	0.014	29.3	1.38
22-Apr-05	152	0.13		0.0002	0.0064	0.061	0.0001	185	0.0005	0.002	0.00316	178	6	0.0005	0.0024	1011	0.001		541	5	1	0.0035	0.016	29.6	2.67
27-May-05	90	0.777		0.0005	0.0066	0.064	0.0001	110	0.0005	0.004	0.00215	109	6	0.0016	0.0011	710	0.004		346	5	1.8	0.0101	0.01	18.4	0.473
30-Jun-05	121	0.079		0.0004	0.0041	0.059	0.0001	148	0.0005	0.002	0.00169	135	6	0.0005	0.0003	763	0.001		428	5	0.4	0.0048	0.01	25	0.297
20-Jul-05	131	0.635	0.025	0.0005	0.007	0.072	0.0001	160	0.0005	0.002	0.00428	136	6	0.0011	0.001	768	0.004		459	5	1.3	0.0099	0.012	25.8	1.15
23-Aug-05	120	0.398		0.0004	0.0056	0.067	0.0001	146	0.0005	0.002	0.00421	128	6	0.0009	0.0016		0.002		432	5	1.1	0.0049	0.012	22.2	1.1
22-Sep-05	133	0.024	0.05	0.0002	0.0024	0.049	0.0001	162	0.0005	0.002	0.00161	123	6	0.0005	0.0004	899	0.001		424	5	0.2	0.0013	0.01	20.8	0.536
27-Oct-05	128	0.036	0.017	0.0002	0.003	0.052	0.0001	156	0.0005	0.003	0.00194	144	6	0.0005	0.001	870	0.001			5	0.3	0.0017	0.012	24.4	0.658
29-Nov-05	142	0.051		0.0003	0.0032	0.067	0.0001	173	0.0005	0.002	0.00158	147	6	0.0005	0.0005		0.001		461	5	0.3	0.012	0.015	25.8	0.924
14-Dec-05	140	0.07		0.0002	0.0032	0.063	0.0001	171	0.0005	0.004	0.0012	144	6	0.0005	0.0005	882	0.001		472	5	0.3	0.0064	0.015	25.6	0.952
25-Jan-06	140	0.04		0.0002	0.0033	0.071	0.0001	171	0.0005	0.003	0.00095	141	6	0.0005	0.0005	859	0.001		478	5	0.4	0.0036	0.011	24.1	0.916
23-Feb-06	138	0.104		0.0002	0.0035	0.067	0.0001	169	0.0005	0.002	0.00082	161	6	0.0005	0.0004	619	0.001		524	5	0.5	0.0026	0.014	25.4	0.973
15-Mar-06	143	0.024		0.0002	0.0034	0.07	0.0001	174	0.0005	0.003	0.00087	156	6	0.0005	0.0007	685	0.002		408	5	0.4	0.0034	0.016	27.4	1.03
28-Apr-06	148	0.022		0.0002	0.0028	0.059	0.0001	180	0.0005	0.002	0.00096	164	6	0.0005	0.0003		0.001		501	5	0.2	0.0025	0.01	25.2	0.737
26-May-06	67	0.664		0.0004	0.0047	0.048	0.0001	81	0.0005	0.002	0.00108	70.2	6	0.001	0.0009		0.004	0.57	222	5	1.3	0.0078	0.006	11.6	0.437
28-Jun-06		1.74		0.0006	0.0196	0.113	0.0001		0.0005	0.003	0.00689	127		0.0028	0.0046	762	0.014				5.8	0.0246	0.01	21	1.57
30-Jul-06		1.04		0.0007	0.0124	0.089	0.0001		0.0005	0.005	0.00487	148		0.0019	0.002		0.006				2.5	0.0126	0.013	25	1.67
31-Aug-06		0.319		0.0005	0.0061	0.07	0.0002		0.001	0.004	0.0027	140		0.001	0.0006	810	0.002				0.9	0.008	0.01	25.2	0.708
21-Sep-06		0.11		0.0003	0.0034	0.055	0.0001		0.0005	0.002	0.00141	136		0.0005	0.0006	870	0.002				0.4	0.0026	0.011	24.2	0.287
25-Oct-06		0.07		0.0003	0.0028	0.056	0.0001		0.0005	0.002	0.00116	155		0.0005	0.0002	950	0.001				0.3	0.0026	0.012	27.6	0.293
29-Nov-06		0.313		0.0007	0.0065	0.086	0.0002		0.001	0.004	0.00137	158		0.001	0.0008	253	0.003				1	0.012	0.01	31	0.921
22-Dec-06		0.114		0.0003	0.0023	0.069	0.0001		0.0005	0.003	0.00098	145		0.0005	0.0005	191	0.001				0.3	0.0042	0.011	26.6	0.907
22-Jan-07		0.047		0.0002	0.0022	0.067	0.0001		0.0005	0.002	0.00078	162		0.0005	0.0003	840	0.001				0.3	0.0026	0.013	27.3	0.901
28-Feb-07		141		0.042	0.0002	0.0026	0.068		0.0001	0.0005	0.002	0.00063		0.0005	0.0004	690	0.001				0.4	0.0031	0.012	25.6	0.987
23-Mar-07		0.039		0.0002	0.003	0.07	0.0001		0.0005	0.002	0.00065	159		0.0006	0.0005	810	0.001				0.3	0.0036	0.013	27.6	1.18
18-Apr-07		0.011		0.0002	0.0015	0.037	0.0001		0.0005	0.002	0.00297	353		0.0005	0.0006	1509	0.001				0.1	0.0004	0.026	60.8	0.801
29-May-07		2.15		0.001	0.016	0.092	0.0002		0.001	0.006	0.00229	85.9		0.0042	0.0021	396	0.008				3.7	0.0447	0.01	13	0.804
17-Jun-07		0.62		0.0005	0.0059	0.067	0.0001		0.0005	0.002	0.0025	128		0.0013	0.0008	626	0.003				1.2	0.0074	0.011	22.3	0.803
Summary statistics																									
n	29	41	3	35	35	42	42	29	41	35	35	40	29	35	35	34	35	1	28	29	41	35	34	40	40
mean	129	4	0.031	0.002	0.006	0.07	0.002	157	0.005	0.003	0.0023	144	6	0.0010	0.0009	808	0.003	0.57	471	5	0.9	0.007	0.013	26	1.7
standard deviation (S.D.)	30	22	0.017	0.008	0.007	0.02	0.010	37	0.010	0.003	0.0022	50	0	0.0010	0.0009	260	0.003	-	107	0	1.3	0.008	0.003	8	2.0
mean - 3 S.D.	38	-62	-0.021	-0.021	-0.016	0.01	-0.030	47	-0.025	-0.006	-0.0042	-6	6	-0.0021	-0.0018	29	-0.006	-	152	5	-2.8	-0.018	0.003	2	-4.3
mean + 3 S.D.	219	70	0.082	0.025	0.027	0.12	0.033	267	0.035	0.013	0.0088	295	6	0.0041	0.0037	1587	0.011	-	791	5	4.7	0.031	0.022	49	7.8

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.10: Water quality parameters for station KV30, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
17-Dec-03		0.01	0.001				0.06	0.9	0.02	3.9	0.002	1.59	0.23	270	100		0.006	0.017	0.001		4	0.07	0.001	1.27	0.006
24-Jan-04						7.18														457					
5-Jan-04		0.001	0.0132					0.4	0.0008	3.06	0.0001	1.7	0.308	365		0.00005		0.001	0.0077	17.7	3	0.007	0.0001	3.05	0.001
19-Feb-04		0.01	0.019				0.06	1	0.1	4.3	0.002	1.8	0.283	429	144		0.006	0.01	0.004		25	0.07	0.001	4.68	0.006
23-Mar-04		0.01	0.03			7.6	0.16	1	0.1	4.5	0.002	1.58	0.291	418	156			0.01	0.017		8	0.07	0.001	5.79	0.006
24-Apr-04		0.01	0.017			7.46	0.12	1	0.1	4.3	0.002	1.06	0.309	428	145			0.01	0.009		7	0.07	0.001	4.71	0.006
19-May-04		0.01	0.01			7.51	0.12	1	0.1	3.2	0.002	0.57	0.071	72.6	24.4		0.006	0.01	0.071		117	0.07	0.007	0.65	0.006
17-Jun-04		0.01	0.028			8.1	0.1	1	0.1	3.2	0.002	1.8	0.271	324	111		0.012	0.01	0.048		152	0.09	0.004	6.54	0.006
21-Jul-04		0.001	0.0099			8.3		0.4	0.0008	2.81	0.0002	1.9	0.338	386	129	0.00005		0.001	0.0186		14	0.0047	0.001	1.33	0.001
24-Aug-04		0.01	0.012			7.4	0.94	1	0.1	3	0.002	1.46	0.331	787	121			0.01	0.108		44	0.07	0.001	3.97	0.006
22-Oct-04		0.001	0.0105			8.11		0.4	0.0008	3.28	0.0001	1.9	0.33	361	119	0.00005		0.001	0.0086		1	0.0052	0.0005	0.553	0.001
29-Nov-04		0.001	0.0041			7.25		0.4	0.0009	3.18	0.0005	1.8	0.322	342	108	0.00005		0.001	0.0062		2	0.0058	0.0003	0.389	0.001
17-Dec-04	0.0002	0.001	0.005			7.1			0.0006		0.0001			357	0.13	0.00005			0.0078		2	0.0062		0.427	
26-Jan-05		0.001	0.0053			7.28		0.7	0.0007	4.12	0.0002	1.8	0.295	370	123	0.00005		0.001	0.0089	459	4	0.0061	0.0002	0.248	0.001
27-Feb-05		0.01	0.01			7.2			0.002	4.34	0.001	1.7	0.346	457	128	0.0005		0.01	0.0079		2	0.0061	0.001	0.412	0.01
22-Mar-05		0.001	0.005			9.24		0.6	0.0008	4.5	0.0001	2	0.369	380	126	0.00005		0.001	0.0056		2	0.0055	0.0002	0.304	0.001
22-Apr-05		0.001	0.012			8.3		1	0.0007	4.5	0.0001	2	0.344	400	132	0.00005		0.001	0.0085	443	8	0.0059	0.0006	2.18	0.001
27-May-05		0.001	0.0068			8.6		0.5	0.0005	4.35	0.0002	1.1	0.216	240	83.7	0.00005		0.001	0.0401		52	0.0031	0.0028	0.437	0.001
30-Jun-05		0.001	0.003			8.33		0.4	0.0006	2.19	0.0001	1.4	0.296	300	103	0.00005		0.001	0.0071	366	8	0.005	0.0004	0.246	0.001
20-Jul-05		0.001	0.0055	0.03	0.09			0.6	0.0006	3.4	0.0001	1.5	0.305		111	0.00005		0.001	0.0239		33	0.0052	0.0018	0.616	0.001
23-Aug-05		0.001	0.0068			8.3		0.4	0.0006	3.19	0.0001	1.6	0.272	290	95.3	0.00005		0.003	0.0351		22	0.0042	0.0013	1.11	0.001
22-Sep-05		0.001	0.0029			8.27		0.4	0.0005	2.72	0.0001	1.6	0.234	280	86.6	0.00005		0.001	0.0064		24	0.004	0.0002	0.305	0.001
27-Oct-05		0.001	0.0052	0.13	0.13	7.98		0.4	0.001	3.39	0.0001	1.7	0.321		106	0.00005		0.001	0.0103		2	0.0046	0.0004	0.83	0.001
29-Nov-05		0.001	0.0035					0.4	0.0006	3.94	0.0001	1.7	0.295	260	108	0.00005		0.001	0.0076		2	0.0047	0.0002	0.279	0.001
14-Dec-05		0.001	0.0046			6.62		0.5	0.0008	3.95	0.0001	1.8	0.309	340	109	0.00005		0.001	0.0084		3	0.0044	0.0002	0.222	0.001
25-Jan-06		0.001	0.0026			7.22		0.5	0.0008	3.68	0.0001	2	0.311	440	104	0.00005		0.001	0.0076	372	6	0.0053	0.0002	0.164	0.001
23-Feb-06		0.001	0.0005			7.21		0.6	0.001	4.41	0.0001	1.8	0.308	330	117	0.00005		0.001	0.0102		3	0.0047	0.0004	0.162	0.001
15-Mar-06		0.001	0.0038			7.63		0.4	0.0012	4.52	0.0001	1.7	0.324	340	112	0.00005		0.001	0.0092	328	3	0.0052	0.0003	0.187	0.001
28-Apr-06		0.001	0.0028					0.6	0.0008	4.01	0.0001	1.7	0.327	370	123	0.00005		0.001	0.0051		4	0.0044	0.0002	0.222	0.001
26-May-06		0.001	0.0032	0.03	0.04			0.6	0.0004	3.05	0.0001	0.9	0.134	159	52.7	0.00005		0.001	0.0242		49	0.0015	0.0021	0.268	0.001
28-Jun-06		0.001	0.015			7.55		0.5	0.0008	4.27	0.0002	1.3	0.246		96.4	0.00005		0.001	0.0537	360		0.0038	0.0065	1.52	0.001
30-Jul-06		0.001	0.0083					0.4	0.001	3.64	0.0002	1.7	0.299		117	0.00005		0.001	0.0885			0.004	0.0035	0.551	0.001
31-Aug-06		0.002	0.0074			7.4		0.8	0.0006	3.13	0.0002	2	0.266		107	0.0001		0.002	0.016			0.0048	0.001	0.418	0.002
21-Sep-06		0.001	0.0034			8.2		0.4	0.0007	2.68	0.0001	1.4	0.26		106	0.00005		0.001	0.011			0.0043	0.0005	0.273	0.001
25-Oct-06		0.001	0.0014			8.6		0.5	0.0009	3.3	0.0001	1.9	0.285		110	0.00005		0.001	0.01			0.005	0.0003	0.221	0.001
29-Nov-06		0.002	0.005			7.94		0.8	0.001	5.41	0.0002	2	0.318		113	0.0001		0.002	0.018			0.006	0.0009	0.249	0.002
22-Dec-06		0.001	0.0041			7.68		0.6	0.0012	4.3	0.0001	1.7	0.265		106	0.00005		0.001	0.0094			0.0049	0.0004	0.168	0.001
22-Jan-07		0.001	0.0029			6.89		0.4	0.0006	4.28	0.0001	1.8	0.302		115	0.00005		0.001	0.0082			0.0052	0.0002	0.186	0.001
28-Feb-07		0.001	0.0036			7.8		0.4	0.0009	4.1	0.0001	1.6	0.297		98.6	0.00005		0.001	0.008			0.0053	0.0002	0.118	0.001
23-Mar-07		0.001	0.0033			7.39		0.6	0.0011	4.44	0.0001	1.6	0.306		114	0.00005		0.001	0.0079			0.0051	0.0002	0.111	0.001
18-Apr-07		0.001	0.0076			7.6		1.7	0.0008	4.52	0.0001	3.4	0.709		318	0.00005		0.001	0.0005			0.004	0.0001	1.96	0.001
29-May-07		0.002	0.0091			8.15		0.9	0.0004	6.27	0.0005	0.9	0.16		61.6	0.0001		0.002	0.187			0.002	0.0064	0.56	0.002
17-Jun-07		0.001	0.0053			8.11		0.4	0.0008	3.38	0.0001	1.9	0.274		101	0.00005		0.001	0.0216			0.004	0.0022	0.57	0.001
Summary statistics																									
n	1	42	35	3	3	35	7	40	35	41	35	41	41	20	41	34	4	34	42	8	29	35	34	42	41
mean	0.0002	0.003	0.006	0.06	0.09	7.8	0.2	0.6	0.004	3.8	0.0002	1.7	0.29	359	111	0.00007	0.008	0.0017	0.02	350	21	0.007	0.0011	1.2	0.0021
standard deviation (S.D.)	-	0.004	0.003	0.06	0.05	0.6	0.3	0.3	0.017	0.8	0.0004	0.4	0.09	122	44	0.00008	0.003	0.0022	0.03	143	35	0.011	0.0016	1.6	0.0023
mean - 3 S.D.	-	-0.008	-0.004	-0.11	-0.05	6.1	-0.7	-0.2	-0.047	1.5	-0.0008	0.4	0.03	-7	-21	-0.00017	-0.001	-0.0048	-0.08	-80	-84	-0.027	-0.0036	-3.8	-0.0046
mean + 3 S.D.	-	0.013	0.016	0.24	0.22	9.4	1.2	1.5	0.054	6.2	0.0013	3.0	0.56	725	242	0.00030	0.017	0.0081	0.13	780	126	0.040	0.0059	6.1	0.0089

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.11: Water quality parameters for station KV7, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total		Total	Total		Total	Total	as $CaCO_3$		Total	Total	Total	Total	Total	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																																					
27-Jan-94																420		0.01				0.01									7.9							
24-Feb-94																470		0.01				0.01									7.9							
28-Mar-94																620		0.01				0.01									7.9							
23-Apr-94																270		0.01				0.02									7.7							
10-May-94																252			92.9						0.229						7.3							
1-Jun-94																280		0.01				0.08									8.2							
26-Jul-94	135															554												1	2	8.29							
29-Jul-94																500		0.01				0.01									8.3							
17-Aug-94																653		0.01				0.08									7.9							
7-Sep-94	145			0.02	0.02	0.0437	0.0002				0.0005	108		0.001	0.001	559	0.002				0.073	0.006		20	0.071		0.005	0.002			8.09			0.001	2.88	0.0002	1.43	0.22
29-Sep-94																420		0.01				0.01									8.1							
27-Oct-94	143			0.02	0.02	0.0389	0.0002				0.0006	104		0.001	0.001	638	0.002				0.11	0.01		19.5			0.005	0.002			8.09			0.02	2.95	0.001	2.16	0.19
31-Oct-94											0.001					410	0.002				0.4	0.005			0.22						7.4							
29-Nov-94											0.001					560	0.002				0.2	0.005			0.19						7.42							
5-Jan-95											0.001					670	0.002				0.2	0.005			0.28						8							
6-Feb-95																																					
29-Mar-95					0.001						0.002					1300	0.002				0.2	0.005			0.54						7.2							
12-Apr-95	162			0.02	0.02	0.0459	0.0003				0.001	112		0.001	0.001		0.006		502		0.075	0.01		21.8	0.072		0.005	0.003	0.168	0.005				0.02	3.45	0.001	1.68	0.21
26-Apr-95	57										0.0013						0.0019				0.019	0.06			0.524													
27-Apr-95					0.001						0.002					310	0.002				0.4	0.015			0.53			0.004			7.5							
3-May-95					0.006						0.001					190	0.002				0.2	0.01			0.24			0.004			8.2							
6-Jun-95																																					
6-Jul-95											0.02					480	0.01				0.22				0.11						7.86							
11-Jul-95	137			0.02	0.02	0.0393	0.0002				0.0035	49.1		0.001	0.001	669	0.016				0.932	0.05		8.74	0.92		0.005	0.008			8.05			0.02	2.49	0.001	0.86	0.1
5-Aug-95	127			0.02	0.02	0.0449	0.0002				0.0005	125		0.001	0.001	544	0.016				0.069	0.01		22.1	0.035		0.005	0.001			7.68			0.02	3.43	0.001	1.72	0.22
11-Aug-95					0.004						0.001					400	0.002				0.2	0.01			0.056			0.002			7.73							
4-Sep-95					0.001						0.001					340	0.002				0.2	0.005			0.072			0.002			7.83							
11-Oct-95					0.003						0.001					165	0.002				0.2	0.005			0.046			0.016			7.3							
5-Nov-95					0.009						0.005					700	0.012				0.4	0.005			0.3			0.008			7.08							
12-Dec-95					0.002						0.001					320	0.004				0.2	0.005			0.076			0.002			6.89							
1-Jan-96					0.001						0.007					600	0.002				0.2	0.005			0.054			0.004			7.23							
9-Feb-96					0.003						0.007					430	0.004				0.2	0.005			0.042			0.002			7.69							
5-Mar-96					0.001						0.001					300	0.006				0.2	0.005			0.008			0.006			6.96							
7-Apr-96					0.005						0.001					325	0.01				0.2	0.015			0.006			0.002			7.79							
28-Apr-96					0.004						0.003					250	0.012				0.2	0.015			0.26			0.006			8.21							
24-Jun-96					0.001						0.001					370	0.002				0.2	0.005			0.014			0.002			7.8							
18-Jul-96					0.006						0.004					180	0.006				3.2	0.05			0.63			0.008			7.34							
2-Aug-96					0.01						0.01					470	0.01				0.01	0.24			0.28			0.01			7.59							
16-Sep-96																270															7.49							
17-Sep-96					0.01						0.01						0.01				0.01	0.02			0.16			0.01										
3-Oct-96					0.01						0.01					260	0.01				0.01	0.01			0.1			0.01			7.6							
30-Oct-96											0.01					365	0.01				0.2	0.02			0.11			0.01			7.15							
30-Nov-96											0.01					280	0.01				0.2	0.01			0.17			0.01			7.28							
30-Jun-97	134				0.05						0.002					520	0.01					0.05						0.01			7.7							
10-Oct-97	152				0.05						0.002					640	0.01					0.05						0.01			7							
15-Jan-98					0.05						0.004					700	0.01				1	0.05			0.5			0.01			6.9							
1-Feb-98	146			0.05	0.05						0.001					740	0.01		408		1	0.05			0.44			0.1			7.5							
13-Mar-98	162			0.05	0.05						0.001					730	0.01		455		1	0.05			0.31			0.01			7.4							
12-Apr-98				0.05	0.05						0.005					780	0.01		427		1	0.05			0.2			0.08			6.9							
12-May-98	66			0.05	0.05						0.003					350	0.01		194		1	0.05			0.31			0.01			7.6							
3-Feb-01	143	0.0174	0.05	0.0003	0.0018	0.0564	0.00001		0.0004	0.003	0.00067	135	6	0.00073	0.00017		0.00256		463	5	0.084	0.0006	0.02	25.7	0.33	0.0001	0.00047	0.0026	0.176	0.002		0.03	0.4	0.0004	3.98	0.00006	1.6	0.254
11-Jul-01	89	0.18		0.02	0.03	0.042	0.0006				0.0022	54.4	6	0.002	0.001	403	0.043				0.511	0.02		11	0.154		0.01	0.006	0.043	0.002	7.9	0.08	0.6	0.02	2.1	0.002		0.112
2-Aug-03	146	0.04	0.05	0.02	0.02	0.0569	0.0006	178	0.02		0.0008	113	6	0.001	0.001		0.012		399	5	0.122	0.006	0.008	25.1	0.232		0.01	0.002	0.05	0.5	8.5	0.06	0.6	0.11	3	0.002	1.49	0.232
17-Dec-03	148	0.02		0.02	0.02	0.0521	0.0006	181	0.02		0.0014	111	6	0.001	0.001		0.001		355	5	0.07	0.006	0.006	21.9	0.858		0.01	0.001				0.06	0.4	0.02	3.8	0.002	1.51	0.224
24-Jan-04																880														7.95							
19-Feb-04	147	0.01		0.02	0.04	0.0587	0.0006	180	0.02		0.0006	164	6	0.001	0.001	714	0.001		434	5	0.034	0.033	0.009	26.7	2.91		0.01	0.01		0.06	1	0.1	3.9	0.002	1.71	0.251
23-Mar-04	152	0.03		0.02	0.06	0.0511	0.0022	186	0.07		0.0044	124	6	0.001	0.001	726	0.003		448	5	0.111	0.011	0.027	24.6	3.11		0.01	0.012			8.28	0.18	1	0.1	4	0.002	1.53	0.27
24-Apr-04	146	0.01		0.02	0.04	0.0529	0.0006	178	0.02		0.0045	85.7	6	0.001	0.001	719	0.001		419	5	0.17	0.01	0.009	18.7	3.02		0.01	0.007			7.61	0.08	1	0.1	4	0.002	1.23	0.273
29-May-04	36	0.73		0.02	0.04	0.051	0.0006	44	0.02		0.0077	24.6	6	0.001	0.001	133.2	0.012		72	5	2.34	0.044	0.007	5.18	0.637		0.01	0.003			7.45	0.08	1	0.1	1.9	0.002	0.44	0.049
15-Jun-04	120	0.13		0.02	0.04	0.0576	0.0006	147	0.02		0.0089	91.4	6	0.001	0.001		0.009		297	5	0.769	0.033	0.007	17.3	2.24		0.01	0.007			8.3	0.06	1	0.1	2.8	0.002	1.24	0.187
20-Jul-04	144	0.011		0.0003	0.0025	0.056	0.0001	176	0.0005	0.003	0.00141	111	6	0.0005	0.0002	710	0.002		381	5	0.1	0.0011	0.01	23.1	0.386		0.001	0.0034			8.2		0.4	0.0009	2.38	0.0004	1.5	0.258
30-Jul-04	114	1.15	0.05	0.0006	0.002	0.084	0.0001	139	0.0005	0.031	0.00413	87.5	6	0.0018	0.0016	506	0.007		291	5	2.1	0.0233	0.008	18.9	0.615		0.001	0.0075	0.05	0.2	7.12		0.5	0.0006	4.03	0.0004	1.2	0.188
24-Aug-04	126	0.01		0.02	0.04	0.0567	0.0006	153	0.02		0.0043	116	6	0.001	0.001	700	0.004		460	5	0.333	0.01	0.008	21.6	0.794		0.01	0.002			8.3	0.14	1	0.1	2.7	0.002	1.07	0.288
21-Sep-04	139	0.015		0.0002	0.0021	0.054	0.0001	170	0.0005	0.002	0.00142	110	6	0.0005	0.0002	754	0.001		370	5	0.2	0.0008	0.007	23.1	0.269		0.001	0.0022			7.78		0.6	0.0007	2.71	0.0002	1.4	0.24
21-Oct-04	152	0.01		0.0004	0.0019	0.057	0.0001	185	0.0005	0.002	0.0031	126	6	0.0005	0.0001	849	0.004		436	5	0.1	0.0005	0.008	27.8	0.127		0.001	0.0071			7.29		0.5	0.0008	3.26	0.0001	1.7	0.277
29-Nov-04	158	0.011		0.0002	0.0019	0.06	0.0001	193	0.0005	0.002	0.00103	122	6	0.0005	0.0002		0.002		406	5	0.1	0.0006	0.011	24.2	0.351		0.001	0.0026			7.3		0.6	0.0007	3.59	0.0003	1.7	0.292
17-Dec-04	146			0.0002	0.0015	0.059	0.0001	178		0.002	0.00085		6	0.0005	0.0002	720	0.001		433	5		0.0004				0.0002	0.001	0.0036			7.2			0.0007		0.0001		
26-Jan-05	166	0.009		0.0002	0.0017	0.061	0.0001	203	0.0005	0.002	0.00071	134	6	0.0005	0.0004	812	0.001		442	5	0.1	0.0008	0.009	26.9	0.633		0.001	0.0036			7.63		0.7	0.0005	3.66	0.0001	1.6	0.259
27-Feb-05	169	0.05		0.0048	0.002	0.061	0.001	206	0.009	0.02	0.00058		6	0.005	0.001		0.01		461	5	0.1	0.001	0.01				0.01	0.0066			8			0.002	3.88	0.001	1.6	0.3
22-Mar-05	165	0.009		0.0002	0.002	0.061	0.0001	201	0.0005	0.002	0.00058	137	6	0.002	0.0001	793	0.001		462	5	0.1	0.0006	0.009	26.7	0.3		0.001	0.003			9.63		0.6	0.0006	4	0.0001	1	0.316
21-Apr-05	163	0.058		0.0005	0.0033	0.054	0.0001	198	0.0005	0.002	0.00123	129	6	0.0005	0.0004		0.001		426	5	0.5	0.0023	0.01	25.2	0.581		0.001	0.004			8.4		0.9	0.0008	3.7	0.0001	2	0.281
27-May-05	72	0.414		0.0004	0.0034	0.051	0.0001	88	0.0005	0.002	0.00264	56.2	6	0.001	0.0005	390	0.003		187	5	0.9	0.0081	0.004	11.5	0.132		0.001	0.0031			8.7		0.4	0.0003	3.4	0.0002	0.9	0.131
30-Jun-05	125	0.008		0.0003	0.0019	0.055	0.0001	153	0.0005	0.002	0.00118	88.6	6	0.0005	0.0001		0.001		304	5	0.1	0.001	0.005	18.7	0.101		0.001	0.0015			8.2		0.4	0.0007	2.49	0.0001	1.2	0.226
20-Jul-05	144	0.042	0.002	0.0003	0.0024	0.063	0.0001	176	0.0005	0.011	0.00224	94.6	6	0.0005	0.0006	557	0.001		322	5	0.2	0.0018	0.009	19.8	0.354		0.001	0.0022	0.03	0.07	8.4		0.4	0.0008	2.7	0.0001	1.3	0.252
23-Aug-05	131	0.085	0.002	0.0002	0.0028	0.055	0.0001	159	0.0005	0.002	0.00294	88.2	6	0.0005	0.0007	565	0.001		320	5	0.4	0.0022	0.006	18.8	0.553		0.001	0.0019	0.03	0.06	7.86		0.4	0.0007	3	0.0001	1.2	0.204
22-Sep-05	136	0.103	0.05	0.0002	0.0022	0.054	0.0001	166	0.0005	0.003	0.00127	82.8	6	0.0005	0.0003	754	0.002		293	5	0.3	0.0016	0.005	16.3	0.201		0.001	0.0024			7.78		0.4	0.0006	2.83	0.0001	1.2	0.194
27-Oct-05	144	0.014	0.009	0.0002	0.002	0.054	0.0001	176	0.0005	0.003	0.00108	103	6	0.0005	0.0004	665	0.001			5	0.1	0.0004	0.008	20	0.213		0.001	0.0028	0.1	0.1	8.05		0.4	0.0012	3.11	0.0001	1.5	0.276
29-Nov-05	140	0.06		0.0002	0.0019	0.052	0.0001	171	0.0005	0.002	0.00091	101	6	0.0005	0.0001	625	0.001		343	5	0.2	0.0019	0.008	20	0.277		0.001	0.0018			7.7		0.4	0.0007	3.22	0.0001	1.5	0.226
14-Dec-05	148	0.039		0.0002	0.0018	0.05	0.0001	180	0.0005	0.003	0.00072	114	6	0.0005	0.0001	638	0.002		390	5	0.2	0.0019	0.009	22.4	0.376		0.001	0.0023			7.05		0.4	0.001	3.57	0.0001	1.6	0.236
25-Jan-06	153	0.014		0.0002	0.0023	0.066	0.0001	187	0.0005	0.002	0.00065	117	6	0.0005	0.0002	733	0.001		408	5	0.2	0.0017	0.008	22.2	0.324		0.001	0.0017			7.29		0.5	0.0009	3.43	0.0001	1.7	0.288
22-Feb-06	151	0.032		0.0002	0.002	0.056	0.0001	184	0.0005	0.002	0.00057	124	6	0.0005	0.0001	705	0.001		400	5	0.2	0.0012	0.009	22.2	0.353		0.001	0.0005			7.79		0.5	0.0011	3.74	0.0001	1.7	0.253
15-Mar-06	152	0.011		0.0002	0.002	0.063	0.0001	185	0.0005	0.003	0.0006	128	6	0.0005	0.0003	680	0.001		372	5	0.1	0.0014	0.011	26.2	0.314		0.001	0.0022			7.78		0.5	0.0013	4.1	0.0001	1.6	0.286
27-Apr-06	157	0.019		0.0002	0.002	0.052	0.0001	191	0.0005	0.002	0.00051	132	6	0.0005	0.0001		0.004		397	5	0.1	0.0013	0.007	23.7	0.184		0.001	0.0014			6.7		0.6	0.0006	3.67	0.0001	1.5	0.277
25-May-06	56	0.509		0.0005	0.0129	0.04	0.0001	69	0.0005	0.002	0.00113	35.7	6	0.0008	0.0006		0.004		120	5	1	0.0093	0.003	7.3	0.185		0.001	0.0024	0.03	0.04	7.6		0.4	0.0004	2.28	0.0003	0.6	0.085
28-Jun-06		1.48		0.0006	0.0115	0.088	0.0001		0.0005	0.003	0.00313	62.9		0.0026	0.0022	479	0.01				3.9	0.0225	0.005	12.9	0.509		0.001	0.0086			6.58		0.4	0.0006	4.1	0.0002	0.9	0.144
30-Jul-06		0.046		0.0003	0.0028	0.061	0.0001		0.0005	0.005	0.00177	103		0.0005	0.0003		0.001				0.2	0.0023	0.007	19.3	0.559		0.001	0.0025					0.4	0.0009	2.67	0.0001	1.4	0.237
31-Aug-06		0.062		0.0004	0.0029	0.059	0.0002		0.001	0.004	0.00131	102		0.001	0.0002	610	0.002				0.2	0.0024	0.006	20.8	0.257		0.002	0.0049			7.4		0.8	0.0005	2.79	0.0002	1	0.212
21-Sep-06		0.068		0.0003	0.0028	0.054	0.0001		0.0005	0.002	0.00104	59.6		0.0005	0.0004	600	0.001				0.2	0.0036	0.006	20	0.185		0.001	0.0023			7.9		0.4	0.0006	2.7	0.0001	1.2	0.213
25-Oct-06		0.014		0.0002	0.002	0.054	0.0001		0.0005	0.002	0.0011	109		0.0005	0.0001	770	0.001				0.1	0.0008	0.007	22.1	0.111		0.001	0.0008			8.4		0.4	0.0005	3.03	0.0001	1.6	0.23
30-Nov-06		0.014		0.0003	0.0015	0.069	0.0001		0.0005	0.002	0.00072	118		0.0005	0.0001	435	0.001				0.1	0.0015	0.007	24.4	0.11		0.001	0.0017			7.6		0.6	0.001	3.73	0.0001	1.5	0.245
22-Dec-06		0.024		0.0002	0.0016	0.061	0.0001		0.0005	0.002	0.00073	116		0.0005	0.0001	590	0.001				0.1	0.0014	0.007	24	0.166		0.001	0.002			6.31		0.5	0.001	3.81	0.0001	1.4	0.232
22-Jan-07		0.02		0.0002	0.0016	0.057	0.0001		0.0005	0.002	0.00046	122		0.0005	0.0001	650	0.001				0.1	0.0011	0.009	24.3	0.182		0.001	0.0016			7.84		0.5	0.0008	3.65	0.0001	1.5	0.261
28-Feb-07		119		0.006	0.0002	0.0012	0.06		0.0001	0.0005	0.002	0.0005		0.0005	0.0001	604	0.001				0.1	0.0009	0.008	25.3	0.132		0.001	0.0018			7.88		0.5	0.0009	3.77	0.0001	1.6	0.285
23-Mar-07		0.029		0.0002	0.0018	0.062	0.0001		0.0005	0.002	0.00047	126		0.0005	0.0002	686	0.001				0.2	0.0018	0.008	25.3	0.282		0.001	0.0019			7.66		0.4	0.0009	3.97	0.0001	1.5	0.279
18-Apr-07		1.39		0.001	0.015	0.092	0.0002		0.001	0.01	0.00237	71.1		0.0099	0.002	480	0.02				3.9	0.0449	0.006	15	0.836		0.002	0.0071			7.67		5.9	0.0004	4.98	0.0005	2.2	0.13
29-May-07		0.869		0.001	0.0089	0.052	0.0002		0.001	0.006	0.00137	46.3		0.002	0.0009	237	0.005				2	0.024	0.004	8	0.329		0.002	0.0043			8.23		0.8	0.0004	3.21	0.0002	0.8	0.096
16-Jun-07		0.101		0.0003	0.0026	0.048	0.0001		0.0005	0.002	0.00117	88.1		0.0008	0.0002	459	0.001				0.2	0.0026	0.006	17.5	0.227		0.001	0.0026			8.13		0.4	0.0009	2.56	0.0001	1.2	0.201
Summary statistics																																					
n	45	45	7	37	37	37	51	51	31	44	37	37	49	33	37	37	81	37	8	37	32	80	37	36	49	79	2	51	37	10	10	88	10	44	37	50	37	49	50
mean	134	2.8	0.03	0.001	0.004	0.055	0.001	167	0.005	0.004	0.0014	99	6	0.0011	0.0004	538	0.003	0.010	362	5	0.5	0.005	0.007	20	0.4	0.00015	0.003	0.0031	0.2	0.3	7.7	0.08	0.7	0.003	3.3	0.0002	1.4	0.22
standard deviation (S.D.)	31	18	0.02	0.003	0.007	0.013	0.008	37	0.012	0.006	0.0010	33	0	0.0017	0.0005	205	0.004	0.000	107	0	0.8	0.009	0.002	5	0.6	-	0.004	0.0020	0.3	0.6	0.5	0.04	0.8	0.016	0.6	0.0003	0.4	0.06
mean - 3 S.D.	40	-50	-0.04	-0.009	-0.016	0.017	-0.024	55	-0.032	-0.013	-0.0016	1	6	-0.0041	-0.0011	-77	-0.008	0.010	40	5	-1.9	-0.023	0.002	4	-1.4	-	-0.008	-0.0028	-0.7	-1.6	6.2	-0.05	-1.8	-0.045	1.4	-0.0008	0.3	0.04
mean + 3 S.D.	228	56	0.10	0.011	0.025	0.094	0.027	279	0.042	0.021	0.0045	197	6	0.0063	0.0020	1153	0.014	0.010	684	5	2.8	0.033	0.013	37	2.2	-	0.014	0.0090	1.1	2.1	9.2	0.22	3.2	0.052	5.2	0.0013	2.5	0.41

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.11: Water quality parameters for station KV7, United Keno Hill, 1994 - 2007 [1].

Parameter	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date												
27-Jan-94								4				
24-Feb-94								8				
28-Mar-94								4				
23-Apr-94								4				
10-May-94	68.9							6			0.334	
1-Jun-94								8				
26-Jul-94	197							5			0.507	
29-Jul-94								1				
17-Aug-94								8				
7-Sep-94					0.01	0.002		5		0.006	0.153	
29-Sep-94								1				
27-Oct-94					0.01	0.001		5		0.002	0.196	
31-Oct-94								1			0.43	
29-Nov-94								1			0.38	
5-Jan-95											0.67	
6-Feb-95												
29-Mar-95								2			0.56	
12-Apr-95	333				0.01	0.002		10		0.006	0.294	
26-Apr-95								53			0.359	
27-Apr-95								12			0.36	
3-May-95								16			0.23	
6-Jun-95								12				
6-Jul-95											0.38	
11-Jul-95	292		0.005		0.01	0.01		5			0.426	
5-Aug-95	216		0.002		0.01	0.002		5			0.157	
11-Aug-95								12			0.2	
4-Sep-95								1			0.24	
11-Oct-95								12			0.048	
5-Nov-95								20			1.05	
12-Dec-95								12			0.49	
1-Jan-96								29			1.08	
9-Feb-96								2			0.78	
5-Mar-96								1			0.11	
7-Apr-96								1			0.11	
28-Apr-96								16			0.36	
24-Jun-96								18			0.16	
18-Jul-96								3			0.54	
2-Aug-96								16			0.28	
16-Sep-96								36				
17-Sep-96											0.36	
3-Oct-96								56			0.28	
30-Oct-96											0.25	
30-Nov-96								36			0.22	
30-Jun-97	178							5			0.1	
10-Oct-97	186							5			0.3	
15-Jan-98	252							5			0.004	
1-Feb-98	277							37			0.2	
13-Mar-98	278							48			2.4	
12-Apr-98	318							10			0.12	
12-May-98	120							8			0.46	
3-Feb-01	104	98.7	**0.001**			0.00024		**1**		**0.00003**	0.15	
11-Jul-01	126	33.8			**0.006**			39		0.006	0.273	
2-Aug-03	292	84.3	**0.006**		**0.006**	**0.001**		**1**	**0.07**	0.014	0.312	**0.006**
17-Dec-03	227	81.2		**0.006**	0.009	**0.001**		**2**	**0.07**	**0.001**	0.618	**0.006**
24-Jan-04												
19-Feb-04	264	88.9		**0.006**	**0.01**	**0.004**		-	**0.07**	**0.001**	2.14	**0.006**
23-Mar-04	296	108			0.041	**0.004**		**3**	**0.07**	**0.001**	2.56	**0.006**
24-Apr-04	290	99.2			**0.01**	0.006		**3**	**0.07**	**0.001**	2.16	**0.006**
29-May-04	26	8.9		**0.006**	**0.01**	0.046		64	**0.07**	0.002	0.759	**0.006**
15-Jun-04	201	53.3		0.006	**0.01**	0.008		17	**0.07**	0.002	2.28	**0.006**
20-Jul-04	230	71.9	**0.00005**		**0.001**	0.0043		**1**	0.0026	**0.0001**	0.392	**0.001**
30-Jul-04	161	54.3	**0.00005**		**0.001**	0.0501		75	0.0021	0.0032	0.753	**0.001**
24-Aug-04	338	74.6			**0.01**	0.103		5	**0.07**	**0.001**	1.31	**0.006**
21-Sep-04	217	68.6	**0.00005**		0.001	0.0048		3	0.003	0.0001	0.387	**0.001**
21-Oct-04	254	84.6	**0.00005**		**0.001**	0.006		**1**	0.0027	0.0007	0.635	**0.001**
29-Nov-04	257	79	**0.00005**		**0.001**	0.004		**2**	0.0036	0.0005	0.291	**0.001**
17-Dec-04	260	0.0905	**0.00005**			0.0051		1	0.0041		0.275	
26-Jan-05	267	89.4	**0.00005**		**0.001**	0.0054		**1**	0.004	0.0004	0.216	**0.001**
27-Feb-05	269	94.6	**0.0005**		**0.01**	**0.005**		**2**	**0.005**	**0.001**	0.199	**0.01**
22-Mar-05	280	93.8	**0.00005**		**0.001**	0.004		**2**	0.005	**0.0001**	0.225	**0.001**
21-Apr-05	250	88.4	**0.00005**		**0.001**	0.0071		6	0.004	0.0004	0.613	**0.001**
27-May-05	105	35	**0.00005**		**0.001**	0.0139		22	0.0013	0.0014	0.297	**0.001**
30-Jun-05	186	56.1	**0.00005**		**0.001**	0.003		**2**	0.0024	0.0002	0.191	**0.001**
20-Jul-05		61	**0.00005**		**0.001**	0.0044		2	0.0024	0.0004	0.318	**0.001**
23-Aug-05		56	**0.00005**		**0.001**	0.0046		10	0.0022	0.0005	0.71	**0.001**
22-Sep-05	162	46.7	**0.00005**		**0.001**	0.0063		5	0.0021	0.0005	0.233	**0.001**
27-Oct-05		63.9	**0.00005**		**0.001**	0.0062		**2**	0.0027	0.0004	0.356	**0.001**
29-Nov-05	190	64.2	**0.00005**		**0.001**	0.0053		**2**	0.0026	0.0002	0.204	**0.001**
14-Dec-05	260	74.7	**0.00005**		**0.001**	0.0042		4	0.0025	0.0001	0.168	**0.001**
25-Jan-06	340	77.6	**0.00005**		**0.001**	0.0055		2	0.0037	0.0001	0.142	0.001
22-Feb-06	240	81.2	**0.00005**		**0.001**	0.0044		4	0.0032	0.0001	0.13	0.001
15-Mar-06	240	83.9	**0.00005**		**0.001**	0.0063		4	0.0036	0.0002	0.17	0.001
27-Apr-06	284	88.7	**0.00005**		**0.001**	0.0036		**2**	0.003	0.0002	0.124	**0.001**
25-May-06	56	19	0.00005		0.001	0.0166		28	0.0006	0.0015	0.166	0.001
28-Jun-06		36.1	**0.00005**		**0.001**	0.0413			0.0015	0.0047	0.634	**0.001**
30-Jul-06		70.4	**0.00005**		**0.001**	0.0521			0.0021	0.0003	0.242	**0.001**
31-Aug-06		64.1	**0.0001**		**0.002**	0.0067			0.0028	0.0002	0.238	**0.002**
21-Sep-06		66.9	**0.00005**		**0.001**	0.0057			0.0026	0.0003	0.229	**0.001**
25-Oct-06		67.8	**0.00005**		**0.001**	0.005			0.0029	0.0001	0.217	**0.001**
30-Nov-06		72.6	**0.00005**		**0.001**	0.0038			0.0027	0.0001	0.202	**0.001**
22-Dec-06		77.6	**0.00005**		**0.001**	0.0051			0.0028	0.0001	0.174	**0.001**
22-Jan-07		80.5	**0.00005**		**0.001**	0.005			0.0033	0.0002	0.138	**0.001**
28-Feb-07		75.7	**0.00005**		**0.001**	0.0048			0.0033	**0.0001**	0.129	**0.001**
23-Mar-07		82.5	**0.00005**		**0.001**	0.0014			0.0035	0.0002	0.112	**0.001**
18-Apr-07		46.4	**0.0001**		**0.002**	0.0501			0.002	0.0044	0.372	**0.002**
29-May-07		28	**0.0001**		**0.002**	0.0634			**0.001**	0.0026	0.238	**0.002**
16-Jun-07		59.5	**0.00005**		**0.001**	0.055			0.0021	0.0004	0.252	**0.001**
Summary statistics												
n	21	46	36	4	36	50	0	77	37	36	85	43
mean	231	67	0.00007	0.0060	0.0016	0.013	-	11	0.005	0.0008	0.5	0.0022
standard deviation (S.D.)	69	24	0.00008	0.0000	0.0021	0.021	-	16	0.011	0.0012	0.5	0.0023
mean - 3 S.D.	24	-5	-0.00016	0.0060	-0.0047	-0.050	-	-36	-0.029	-0.0027	-1.1	-0.0047
mean + 3 S.D.	437	139	0.00029	0.0060	0.0079	0.076	-	59	0.038	0.0042	2.0	0.0091

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.12: Water quality parameters for station KV8, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total	water	Total	Total		Total	Total	as $CaCO_3$	water	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
22-May-97	0.007										0.006						0.006			67.6	1.380	0.06			0.331
13-Mar-98	156			0.05	0.05						0.001					690	0.01		467		1	0.05			0.1
12-May-98	80			0.05	0.05						0.004					390	0.01		210		1	0.05			0.29
11-Jun-98	118										0.006						0.006		291		0.139	0.06			0.08
2-Aug-03	143	0.01	0.05	0.02	0.02	0.0556	0.0006	174	0.02		0.0011	113	6	0.001	0.001		0.011		407	5	0.082	0.006	0.009	24.9	0.144
24-Jan-04																697									
23-Mar-04	149	0.06		0.02	0.06	0.0567	0.0022	181	0.12		0.0056	126	6	0.002	0.001	851	0.008		440	5	0.056	0.027	0.007	25.5	1.86
24-Apr-04	109	0.01		0.02	0.04	0.0404	0.0006	133	0.02		0.0077	55.8	6	0.001	0.001		0.001		307	5	0.121	0.01	0.007	13.2	1.18
19-May-04	24	0.37		0.02	0.06	0.0307	0.0006	29	0.02		0.006	20.7	6	0.001	0.001	127.4	0.021		67	5	1.19	0.056	0.007	4.31	0.398
15-Jun-04	118	0.06		0.02	0.04	0.0497	0.0006	144	0.02		0.0056	88.2	6	0.001	0.001	565	0.007		286	5	0.416	0.022	0.007	16.7	1.28
20-Jul-04	133	0.006		0.0005	0.0028	0.054	0.0001	162	0.0005	0.003	0.00121	113	6	0.0009	0.0001	740	0.004		416	5	0.1	0.0017	0.01	23.6	0.176
30-Jul-04	102	0.306	0.05	0.0004	0.0043	0.055	0.0001	124	0.0005	0.033	0.0033	84.7	6	0.0005	0.0005	498	0.003		291	5	0.6	0.0068	0.007	18	0.264
24-Aug-04	149	0.01		0.02	0.04	0.0511	0.0006	182	0.02		0.0024	116	6	0.001	0.001	670	0.002		425	5	0.033	0.01	0.009	21	0.391
21-Sept-04	145	0.009		0.0003	0.0024	0.053	0.0001	176	0.0005	0.002	0.00145	113	6	0.0005	0.0002	759	0.002		375	5	0.2	0.0008	0.007	23.8	0.258
21-Oct-04	173	0.005		0.0004	0.0024	0.061	0.0001	211	0.0005	0.002	0.0023	131	6	0.0005	0.0002	884	0.001		436	5	0.1	0.0007	0.008	28.6	0.231
29-Nov-04	158	0.007		0.0005	0.0021	0.056	0.0001	193	0.0005	0.002	0.00122	122	6	0.0005	0.0001	789	0.001		406	5	0.1	0.0017	0.006	24.6	0.246
17-Dec-04	160			0.0004	0.0026	0.057	0.0001	195		0.003	0.00117		6	0.0008	0.0002	660	0.007		461	5		0.0058			
26-Jan-05	164	0.005		0.0004	0.0014	0.061	0.0001	199	0.0005	0.002	0.00185	138	6	0.0005	0.0002	888	0.001		474	5	0.1	0.0011	0.008	28.1	0.285
27-Feb-05	173	0.05		0.0054	0.002	0.064	0.001	211	0.0083	0.02	0.00074		6	0.005	0.001	697	0.01		480	5	0.1	0.0014	0.01		
22-Mar-05	171	0.02		0.0004	0.0022	0.058	0.0001	209	0.0005	0.002	0.00066	132	6	0.0005	0.0001	851	0.001		476	5	0.1	0.002	0.008	26.5	0.11
21-Apr-05	156	0.16		0.0008	0.0028	0.052	0.0001	190	0.0005	0.002	0.00124	126	6	0.0005	0.0002	824	0.002		418	5	0.4	0.0052	0.009	24.8	0.21
27-May-05	76	0.197		0.0005	0.0027	0.041	0.0001	93	0.0005	0.002	0.00275	54.8	6	0.0005	0.0002	430	0.002		188	5	0.5	0.0051	0.003	11.4	0.094
30-Jun-05	129	0.005		0.0004	0.0024	0.053	0.0001	158	0.0005	0.002	0.0012	89.9	6	0.0005	0.0001	565	0.001		301	5	0.1	0.0013	0.005	18.8	0.074
20-Jul-05	145	0.013	0.002	0.0004	0.0028	0.051	0.0001	176	0.0005	0.002	0.00182	94	6	0.0005	0.0001		0.001		321	5	0.1	0.0014	0.008	19.3	0.149
23-Aug-05	137	0.05	0.002	0.0003	0.0028	0.05	0.0001	168	0.0005	0.002	0.00279	87.6	6	0.0005	0.0004	566	0.001		317	5	0.3	0.0023	0.005	18.8	0.386
22-Sep-05	136	0.048	0.05	0.0003	0.0026	0.046	0.0001	166	0.0005	0.002	0.00179	83.6	6	0.0005	0.0002	759	0.001		285	5	0.2	0.0025	0.005	16.4	0.203
27-Oct-05	144	0.014	0.008	0.0002	0.0024	0.049	0.0001	175	0.0005	0.003	0.00148	99.7	6	0.0005	0.0003	654	0.001			5	0.1	0.0008	0.008	19.5	0.135
29-Nov-05	146	0.017		0.0002	0.0015	0.038	0.0001	178	0.0005	0.002	0.00073	80.3	6	0.0005	0.0001	824	0.001		299	5	0.1	0.0015	0.006	15.7	0.113
14-Dec-05	146	0.013		0.0002	0.0018	0.053	0.0001	178	0.0005	0.004	0.00094	116	6	0.0005	0.0001	548	0.001		400	5	0.1	0.0013	0.01	22.7	0.221
25-Jan-06	58	0.19		0.0004	0.0026	0.028	0.0001	71	0.0005	0.002	0.0013	110	6	0.0005	0.0002	734	0.003		100	5	0.4	0.0068	0.002	12.9	0.114
22-Feb-06	151	0.014		0.0003	0.002	0.054	0.0001	184	0.0005	0.002	0.0006	122	6	0.0005	0.0001	691	0.001		392	5	0.2	0.0019	0.008	21.9	0.239
15-Mar-06	156	0.008		0.0003	0.0018	0.064	0.0001	191	0.0005	0.002	0.00066	130	6	0.0009	0.0003	690	0.002		376	5	0.2	0.0033	0.01	26.8	0.132
27-Apr-06	150	0.026		0.0003	0.002	0.053	0.0001	182	0.0005	0.002	0.00104	125	6	0.0005	0.0001	726	0.001		392	5	0.1	0.0016	0.007	22.4	0.117
25-May-06	58	0.19		0.0004	0.0026	0.028	0.0001	71	0.0005	0.002	0.0013	31.7	6	0.0005	0.0002		0.003		100	5	0.4	0.0068	0.002	6.5	0.114
28-Jun-06		1.2		0.0006	0.0114	0.069	0.0001		0.0005	0.003	0.00334	61.5		0.0022	0.0015	479	0.007				3	0.0197	0.005	12.3	0.349
30-Jul-06		0.014		0.0004	0.003	0.059	0.0001		0.0005	0.005	0.00134	102		0.0005	0.0001		0.001				0.1	0.0014	0.007	19.2	0.202
31-Aug-06		0.02		0.0004	0.0031	0.054	0.0002		0.001	0.004	0.00129	102		0.001	0.0002	600	0.002				0.2	0.002	0.006	20.8	0.18
21-Sep-06		0.011		0.0003	0.0027	0.051	0.0001		0.0005	0.002	0.001	99.4		0.0005	0.0003	690	0.001				0.2	0.0014	0.006	19.9	0.148
25-Oct-06		0.01		0.0003	0.0022	0.05	0.0001		0.0005	0.002	0.00107	104		0.0005	0.0001	740	0.001				0.1	0.001	0.007	21.2	0.1
29-Nov-06																									
22-Dec-06		0.013		0.001	0.0036	0.09	0.0001		0.0005	0.003	0.0034	167		0.0005	0.0003		0.001				0.1	0.0021	0.01	36.4	0.426
22-Jan-07		0.006		0.0004	0.0018	0.062	0.0001		0.0005	0.002	0.00093	144		0.0005	0.0001	804	0.004				0.1	0.0006	0.01	27.9	0.278
27-Feb-07																									
28-Feb-07																									
23-Mar-07																									
18-Apr-07		0.059		0.0003	0.0016	0.023	0.0001		0.0005	0.002	0.00075	34		0.001	0.0001	259	0.002				0.1	0.002	0.003	13.7	0.079
29-May-07		0.611		0.001	0.0077	0.043	0.0002		0.001	0.005	0.00197	42.5		0.002	0.0007	226	0.005				1	0.0286	0.003	7.4	0.286
16-Jun-07		0.111		0.0005	0.0043	0.048	0.0001		0.0005	0.002	0.00142	80.8		0.0009	0.0002	449	0.002				0.3	0.005	0.006	16.2	0.16
Summary statistics																									
n	33	38	6	34	34	39	39	29	38	33	34	37	29	34	34	36	34	0	31	30	42	34	33	37	41
mean	128	0.10	0.03	0.001	0.004	0.052	0.0002	162	0.006	0.004	0.0015	98	6	0.0008	0.0003	639	0.0023	-	342	7	0.4	0.004	0.007	20	0.3
standard deviation (S.D.)	43	0.22	0.03	0.003	0.007	0.012	0.0004	45	0.020	0.006	0.0008	34	0	0.0008	0.0003	186	0.0021	-	114	11	0.5	0.006	0.002	7	0.3
mean - 3 S.D.	-1	-0.56	-0.05	-0.009	-0.016	0.015	-0.0009	27	-0.054	-0.014	-0.0009	-2	6	-0.0017	-0.0007	83	-0.0040	-	0	-27	-1.2	-0.013	0.000	0	-0.8
mean + 3 S.D.	256	0.77	0.10	0.011	0.024	0.088	0.0014	297	0.067	0.022	0.0039	199	6	0.0033	0.0012	1196	0.0087	-	685	41	2.0	0.021	0.014	40	1.3

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.12: Water quality parameters for station KV8, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
22-May-97														35.6											
13-Mar-98			0.01			7.4								267							60			0.9	
12-May-98			0.01			7.2								117							6			0.56	
11-Jun-98				0.064	0.005									180							5				
2-Aug-03		0.01	0.001	0.05	0.5	8.38	0.06	0.6	0.03	2.8	0.002	1.42	0.228	290	84	0.006		0.006	0.001		1	0.07	0.014	0.256	0.006
24-Jan-04						7.68																			
23-Mar-04		0.01	0.01			8.97	0.31	1	0.1	4	0.002	1.45	0.27	285	104			0.01	0.028		3	0.07	0.001	1.91	0.006
24-Apr-04		0.01	0.005				0.06	1	0.1	2.8	0.002	0.9	0.193	233	68.3			0.01	0.004		3	0.07	0.001	1.860	0.006
19-May-04		0.01	0.003			7.48	0.06	1	0.1	1.4	0.002	0.36	0.041	26	8.9		0.006	0.01	0.029			0.07	0.002	0.684	0.006
15-Jun-04		0.01	0.004			8.34	0.06	1	0.1	2.6	0.002	1.23	0.183	199	51.5		0.006	0.01	0.004			0.07	0.001	1.470	0.006
20-Jul-04		0.001	0.0026			8.3		0.4	0.0009	2.3	0.0003	1.4	0.256	256	77.7	0.00005		0.001	0.0049		1	0.0031	0.0001	0.322	0.001
30-Jul-04		0.001	0.004	0.05	0.1	7.15		0.4	0.0008	2.78	0.0003	1.1	0.183	160	52.4	0.00005		0.001	0.0119		14	0.0019	0.0009	0.569	0.001
24-Aug-04		0.01	0.002			8.4	0.13	1	0.1	2.5	0.002	1.17	0.277	273	74			0.01	0.007		2	0.07	0.001	0.614	0.006
21-Sept-04		0.001	0.0022			7.81		0.5	0.0006	2.71	0.0001	1.5	0.241	219	71	0.00005		0.001	0.0042		1	0.0029	0.0001	0.398	0.001
21-Oct-04		0.001	0.0081			7.72		0.6	0.0008	3.47	0.0001	1.7	0.293	249	82.6	0.00005		0.001	0.0058		1	0.003	0.003	0.614	0.001
29-Nov-04		0.001	0.0019			7.21		0.4	0.0009	3.1	0.0005	1.7	0.27	248	78.3	0.00005		0.001	0.004		2	0.0035	0.0003	0.385	0.001
17-Dec-04	0.0002	0.001	0.003			7.24			0.0007		0.0001			277	0.0881	0.00005			0.0064		1	0.0037		0.362	
26-Jan-05		0.001	0.0031			7.5		0.8	0.0006	3.75	0.0001	1.6	0.262	288	94	0.00005		0.001	0.0056		1	0.0039	0.0001	0.36	0.001
27-Feb-05		0.01	0.0061			7.68			0.002	4.3	0.001	2	0.319	274	100	0.0005		0.01	0.0061		2	0.005	0.001	0.291	0.01
22-Mar-05		0.001	0.002			8.97		0.6	0.0007	3.9	0.0001	2	0.305	310	91.7	0.00005		0.001	0.004		2	0.004	0.0001	0.2	0.001
21-Apr-05		0.001	0.011			8.4		0.9	0.0007	3.6	0.0002	2	0.273	230	85.2	0.00005		0.001	0.0068		5	0.004	0.0002	0.373	0.001
27-May-05		0.001	0.0022			8.7		0.4	0.0003	2.91	0.0002	0.8	0.13	103	34.2	0.00005		0.001	0.0065		4	0.0011	0.0007	0.43	0.001
30-Jun-05		0.001	0.0014			8.34		0.4	0.0006	2.3	0.0001	1.2	0.232	188	57	0.00005		0.001	0.0032		2	0.0023	0.0001	0.214	0.001
20-Jul-05		0.001	0.0017	0.03	0.05			0.6	0.0007	2.47	0.0001	1.3	0.229		62.8	0.00005		0.001	0.004		2	0.0023	0.0003	0.282	0.001
23-Aug-05		0.001	0.0012	0.03	0.06	8.13		0.4	0.0009	2.91	0.0001	1.1	0.197		54.6	0.00005		0.001	0.0038		3	0.0021	0.0002	0.564	0.001
22-Sep-05		0.001	0.0021			7.81		0.4	0.0007	2.74	0.0001	1.2	0.185	158	48	0.00005		0.001	0.0039		2	0.002	0.0003	0.301	0.001
27-Oct-05		0.001	0.0023	0.1	0.1	7.82		0.4	0.0011	3	0.0001	1.4	0.26		59.9	0.00005		0.001	0.006		2	0.0025	0.0003	0.388	0.001
29-Nov-05		0.001	0.0015			7.93		0.4	0.0007	2.47	0.0001	1.2	0.181	180	50.8	0.00005		0.001	0.0039		2	0.002	0.0001	0.182	0.001
14-Dec-05		0.001	0.0018			6.8		0.5	0.0006	3.54	0.0001	1.6	0.267		76.4	0.00005		0.001	0.0042		2	0.0027	0.0001	0.242	0.001
25-Jan-06		0.001	0.0016			7.16		0.4	0.0003	1.98	0.0001	0.7	0.074	50	66.4	0.00005		0.001	0.0066		9	0.0005	0.0006	0.196	0.001
22-Feb-06		0.001	0.0005			7.4		0.5	0.0009	3.67	0.0001	1.5	0.245	230	78.9	0.00013		0.001	0.0042		3	0.0041	0.0001	0.154	0.001
15-Mar-06		0.001	0.0021			7.16		0.5	0.0012	4.08	0.0001	1.6	0.288	267	83	0.00005		0.001	0.0061		2	0.0036	0.0002	0.198	0.001
27-Apr-06		0.001	0.0014					0.7	0.0008	3.45	0.0001	1.8	0.26	274	85.3	0.00005		0.001	0.0041		2	0.0027	0.0002	0.186	0.001
25-May-06		0.001	0.0016	0.03	0.03			0.4	0.0003	1.71	0.0001	0.7	0.074	50	16.5	0.00005		0.001	0.0066		9	0.0005	0.0006	0.196	0.001
28-Jun-06		0.001	0.0068			6.9		0.4	0.0005	3.72	0.0002	0.8	0.137		36.9	0.00005		0.001	0.031			0.0013	0.0036	0.669	0.001
30-Jul-06		0.001	0.0019					0.4	0.0008	2.63	0.0001	1.5	0.247		69.4	0.00005		0.001	0.044			0.0021	0.0002	0.197	0.001
31-Aug-06		0.002	0.0041			7.4		0.8	0.0005	2.88	0.0002	1	0.209		66.2	0.0001		0.002	0.0041			0.0027	0.0002	0.246	0.002
21-Sep-06		0.001	0.0017			7.9		0.4	0.0005	2.6	0.0001	1	0.211		66.2	0.00005		0.001	0.0041			0.0025	0.0001	0.227	0.001
25-Oct-06		0.001	0.0007			8.3		0.5	0.0007	3	0.0001	1.5	0.221		63	0.00005		0.001	0.0045			0.0027	0.0001	0.247	0.001
29-Nov-06																									
22-Dec-06		0.001	0.0029					1	0.0012	5.24	0.0001	2.3	0.338		112	0.00005		0.001	0.0068			0.0037	0.0002	0.586	0.001
22-Jan-07		0.001	0.0017			7.38		0.6	0.0008	4.4	0.0001	1.7	0.313		94.8	0.00005		0.001	0.0057			0.0034	0.0002	0.312	0.001
27-Feb-07																									
28-Feb-07																									
23-Mar-07																									
18-Apr-07		0.001	0.0011			7.5		1	0.0003	0.9	0.0001	0.9	0.073		33.1	0.00005		0.001	0.0392			0.0007	0.0003	0.118	0.001
29-May-07		0.002	0.0038			8.06		0.8	0.0004	2.55	0.0003	0.8	0.09		25.5	0.0001		0.002	0.0998			0.001	0.0022	0.318	0.002
16-Jun-07		0.001	0.0024			8.04		0.4	0.0006	2.56	0.0001	1.1	0.192		54.1	0.00005		0.001	0.0431			0.0018	0.0005	0.264	0.001
Summary statistics																									
n	1	39	34	7	7	36	6	37	34	38	34	38	38	20	39	33	2	33	39	0	30	34	33	41	38
mean	0.0002	0.003	0.0028	0.05	0.12	7.8	0.11	0.6	0.004	3.0	0.0002	1.3	0.22	214	65	0.0	0.006	0.0016	0.012	-	5	0.005	0.0006	0.5	0.0021
standard deviation (S.D.)	-	0.003	0.0022	0.03	0.17	0.6	0.10	0.2	0.017	0.9	0.0004	0.4	0.07	76	26	0.0	-	0.0022	0.018	-	11	0.012	0.0008	0.4	0.0023
mean - 3 S.D.	-	-0.008	-0.0038	-0.03	-0.39	6.1	-0.19	-0.1	-0.047	0.4	-0.0008	0.0	-0.01	-15	-13	0.0	-	-0.0049	-0.043	-	-27	-0.030	-0.0019	-0.8	-0.0047
mean + 3 S.D.	-	0.013	0.0094	0.13	0.63	9.5	0.41	1.3	0.055	5.5	0.0013	2.6	0.44	443	142	0.0	-	0.0081	0.068	-	37	0.039	0.0030	1.7	0.0089

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

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[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.13: Water quality parameters for station KV21, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total		Total	Total		Total	Total	as $CaCO_3$		Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
2-Aug-03	148	10	**0.05**	**0.02**	**0.02**	0.0188	**0.0006**	180	**0.02**		0.0248	176	**6**	**0.001**	0.001		0.01		572	**5**	0.322	**0.006**	0.016	24.9	2.38
19-Jul-05	119	0.184	0.007	0.0016	0.0048	0.037	**0.001**	**6**	**0.0005**	**0.02**	0.0478	144	145	0.0024	0.0029		0.008		451	**5**	0.8	0.0052	0.02	23	4.02
Summary statistics																									
n	2	2	2	1	1	2	2	2	2	1	1	2	2	1	1	0	1	0	2	2	2	1	1	2	2
mean	133.5	5.092	0.0285	0.0016	0.0048	0.0279	0.0008	93	0.01025	0.02	0.0478	160	75.5	0.0024	0.0029	-	0.008	-	511.5	5	0.561	0.0052	0.02	23.95	3.2
standard deviation (S.D.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mean - 3 S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mean + 3 S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

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Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.13: Water quality parameters for station KV21, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
2-Aug-03		**0.01**	0.014	**0.1**	**1**	6.62	**0.06**	0.6	**0.02**	3.1	**0.002**	1.16	0.219	377	118	**0.006**		**0.006**	**0.001**		**1**	**0.07**	0.018	3.14	**0.006**
19-Jul-05		**0.001**	0.0249	**0.03**	0.07			0.5	0.0009	3.51	**0.0001**	1.1	0.24		112	0.00022		**0.001**	0.0092		9	0.0045	0.0006	4.76	**0.001**
Summary statistics																									
n	0	2	1	2	2	1	1	2	1	2	1	2	2	0	2	1	0	1	2	0	2	1	1	2	2
mean	-	0.0055	0.0249	0.065	0.535	6.62	0.06	0.55	0.0009	3.305	0.0001	1.13	0.2295	-	115	0.00022	-	0.001	0.0051	-	5	0.0045	0.0006	3.95	0.0035
standard deviation (S.D.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mean - 3 S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
mean + 3 S.D.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

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Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.14: Water quality parameters for station KV47, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total		Total	Total		Total	Total	as $CaCO_3$		Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
3-Oct-96																490									
27-May-97	73	0.4		0.02	0.02	0.038	0.0002				0.0039	47.6		0.001	0.001	325	0.016		163		1.36	0.204		9.21	0.581
30-Jun-97	192				0.05						0.008					660	0.01					0.05			
10-Oct-97	220				0.05						0.001					960	0.01					0.05			
15-Jan-98					0.05						0.003					1100	0.01				1	0.05			2.3
1-Feb-98	254			0.05	0.05						0.001					980	0.01		556		1	0.05			1.6
13-Mar-98	268			0.05	0.05						0.001					980	0.01		625		2	0.05			2.5
12-Apr-98				0.05	0.05						0.007					1100	0.01		586		1	0.05			3
12-May-98	88			0.05	0.05						0.001					350	0.01		198		2	0.05			1.05
28-Apr-99	212	0.03		0.02	0.02	0.0551	0.0002				0.0017	157		0.001	0.001	969	0.005				0.594	0.005		38	1.35
10-Jul-01	122	0.49		0.02	0.02	0.0603	0.0006				0.0038	61.2	6	0.002	0.002	464	0.032				2.34	0.242		11.8	0.856
2-Aug-03	206	0.78	0.11	**0.02**	**0.02**	0.0426	**0.0006**	251	**0.02**		0.0021	176	**6**	**0.001**	**0.001**		0.01		707	**5**	0.137	**0.006**	0.01	38.8	1.17
20-May-04	43	1.28		**0.02**	0.06	0.05	**0.0006**	52	**0.02**		0.0031	27.7	**6**	0.002	**0.001**	226	0.027		79	**5**	3.33	0.189	**0.007**	5.28	0.563
17-Jun-04	183	**0.01**		**0.02**	**0.04**	0.046	**0.0006**	223	**0.02**		0.0014	116	**6**	**0.001**	**0.001**		0.008		382	**5**	0.2	0.022	**0.007**	23.6	0.871
19-Jul-05	208	0.009	0.059	0.0004	0.0022	0.046	**0.0001**	**6**	**0.0005**	0.003	0.00198	123	253	**0.0005**	0.0003		**0.001**		454	**5**	0.3	0.0017	0.011	25.7	0.855
25-May-06		0.572		0.00406	0.0135	0.0369	**0.0005**		**0.0005**	**0.01**	0.00255	36.2		0.00089	0.00072		0.00644		111		1.86	0.130	**0.005**	7.17	0.517
31-Jul-06		1.09		0.0006	0.0051	0.094	**0.0002**		**0.001**	0.01	0.00287	158		0.002	0.002		0.004				2.2	0.0037	0.01	30.6	1.6
Summary statistics																									
n	12	9	2	3	3	9	9	4	6	3	3	9	5	3	3	12	3	0	10	4	14	3	3	9	14
mean	172	0.5	0.0845	0.0017	0.007	0.05	0.0004	133	0.010	0.008	0.0025	100	55	0.0011	0.0010	717	0.00381333	-	386	5	1.4	0.05	0.009	21	1.3
standard deviation (S.D.)	73	0.5	-	0.0021	0.006	0.02	0.0002	122	0.011	0.004	0.0005	58	110	0.0008	0.0009	331	0.0027248	-	233	0	0.9	0.07	0.003	13	0.8
mean - 3 S.D.	-47	-0.9	-	-0.0045	-0.011	0.00	-0.0003	-233	-0.021	-0.004	0.0011	-73	-276	-0.0012	-0.0016	-275	-0.0043611	-	-313	5	-1.4	-0.18	-0.001	-18	-1.0
mean + 3 S.D.	392	1.9	-	0.0079	0.025	0.10	0.0011	499	0.042	0.020	0.0038	274	387	0.0035	0.0037	1709	0.01198773	-	1085	5	4.2	0.27	0.018	61	3.7

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[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.14: Water quality parameters for station KV47, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
3-Oct-96						7.15															60				
27-May-97		0.005	0.003	0.05	0.05	7.5	0.06	0.7	0.02	1.94	0.001		0.11	558	28.3			0.005		230	36		0.005	0.241	
30-Jun-97			0.01			7.5								294							64			0.4	
10-Oct-97			0.01			6.7								330							79			0.21	
15-Jan-98			0.01			7.6								399							5			0.003	
1-Feb-98			0.01			7.5								361							44			0.26	
13-Mar-98			0.01			7.3								375							36			0.44	
12-Apr-98			0.01			6.9								383							7			0.44	
12-May-98			0.01			7.3								106							70			0.24	
28-Apr-99		0.005	0.002	0.223	0.007	8	0.06	1.8	0.01	4.4	0.001		0.356	1240	113			0.006		745	5		0.008	0.206	
10-Jul-01		0.01	0.006	0.065	0.002	7.9	0.06	0.4	0.02	2.5	0.002		0.163	127	32.1			0.007		327	69		0.008	0.246	
2-Aug-03		**0.01**	0.002	**0.1**	**1**	8.26	**0.06**	0.3	0.03	3.5	**0.002**	2.46	0.317	408	124	**0.006**		**0.006**	**0.001**		2	**0.07**	0.02	0.248	**0.006**
20-May-04		**0.01**	0.002			7.85	0.09	1.1	**0.1**	2.4	0.004	0.4	0.054	36.3	12.2		**0.006**	**0.01**	0.054		82	**0.07**	0.003	0.157	**0.006**
17-Jun-04		0.01	**0.002**				**0.06**	**1**	**0.1**	2.9	**0.002**	1.79	0.274	247	62.2		**0.006**	**0.01**	**0.004**		**2**	**0.07**	**0.001**	0.164	**0.006**
19-Jul-05		**0.001**	0.0018	**0.03**	0.06			0.5	0.0003	3.06	**0.0001**	1.6	0.33		81.1	**0.00005**		**0.001**	0.0051		**2**	0.0013	0.0001	0.237	**0.001**
25-May-06		0.000159	0.00237	**0.001**	0.0294		**0.3**	**2**	**0.001**	1.87	0.00214	**2**	0.0751	58.8		**0.0001**		0.00011	0.015		43.2	0.000366	0.0016	0.160	
31-Jul-06		**0.002**	0.0036					**0.8**	0.0007	4.8	**0.0002**	2.2	0.359		102	**0.0001**		**0.002**	0.0876			**0.001**	0.0036	0.379	**0.002**
Summary statistics																									
n	0	9	3	6	6	13	7	9	3	9	3	6	9	1	8	3	2	3	6	3	16	3	3	16	5
mean	-	0.006	0.0026	0.08	0.2	7.5	0.10	1.0	0.0007	3.0	0.0008	1.7	0.23	58.8	69	0.00008	0.006	0.0010	0.03	434	38	0.0009	0.0018	0.25	0.004
standard deviation (S.D.)	-	0.004	0.0009	0.08	0.4	0.4	0.09	0.6	0.0004	1.0	0.0012	0.7	0.13	-	42	0.00003	0.000	0.0009	0.04	274	30	0.0005	0.0018	0.12	0.002
mean - 3 S.D.	-	-0.007	-0.0002	-0.16	-1.0	6.2	-0.17	-0.8	-0.0004	0.0	-0.0026	-0.4	-0.15	-	-57	0.00000	0.006	-0.0018	-0.08	-387	-53	-0.0005	-0.0035	-0.09	-0.003
mean + 3 S.D.	-	0.019	0.0053	0.31	1.4	8.8	0.37	2.7	0.0017	6.1	0.0043	3.9	0.60	-	196	0.00017	0.006	0.0039	0.13	1255	129	0.0023	0.0070	0.60	0.012

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.15: Water quality parameters for station KV9, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total		Total	Total		Total	Total	as $CaCO_3$		Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
27-Jan-94																									
24-Feb-94																									
28-Mar-94																									
23-Apr-94																	0.0015				0.26	0.06			
12-Apr-95	167		0.005																243						
16-May-95	69		0.050	0.02	0.02	0.0164	0.0002				0.0015	42.9		0.001	0.001	320	0.017		155		0.336	0.04		11.5	0.11
1-Jun-94																									
27-Jun-94																									
29-Jul-94																									
3-Aug-95	164		0.050	0.02	0.02	0.0251	0.0002				0.0005	70.5		0.001	0.001	626	0.015		258		0.141	0.01		19.8	0.053
27-May-97	67	0.03		0.02	0.02	0.0203	0.0002				0.0036	39.2		0.001	0.001	285	0.013		139		0.243	0.041		9.92	0.0956
30-Jun-97	164				0.05						0.006					550	0.01					0.05			
10-Oct-97	106				0.05						0.001					740	0.01					0.05			
15-Jan-98					0.05						0.003					600	0.01				1	0.05			0.05
1-Feb-98	220			0.05	0.05						0.001					650	0.01		349		1	0.05			0.01
13-Mar-98	234			0.05	0.05						0.001					620	0.01		392		1	0.05			0.04
12-Apr-98				0.05	0.05						0.007					660	0.01		338		2	0.05			0.04
13-May-98	78			0.05	0.05						0.001					220	0.01		135		1	0.05			0.1
3-Feb-01	203	0.0076	0.05	0.0004	0.0005	0.105	0.00001		0.0004	0.002	0.00026	114	6	0.00061	0.00003		0.00239		416	5	0.049	0.001	0.007	29.1	0.0263
10-Jul-01	103	0.02		0.02	0.02	0.0187	0.0006				0.0011	41.4	6	0.001	0.001	357	0.012				0.141	0.026		10.6	0.086
8-Nov-01																									
2-Aug-03	197	0.01	0.05	0.02	0.02	0.0704	0.0006	241	0.02		0.0006	97.2	6	0.001	0.001		0.012		384	5	0.077	0.006	0.006	29.2	0.0331
24-Jan-04																775									
17-Jun-04	145	0.01		0.02	0.04	0.0411	0.0006	177	0.02		0.0006	70.8	6	0.001	0.001		0.01		248	5	0.053	0.022	0.007	17.9	0.0207
30-Jul-04	202	0.021	0.05	0.0011	0.0035	0.079	0.0001	247	0.0005	0.006	0.00069	112	6	0.0005	0.0004	574	0.007		410	5	0.2	0.0116	0.011	30.1	0.065
25-Jan-05	173	0.01		0.0002	0.0024	0.092	0.0001	211	0.0005	0.003	0.00014	66.1	6	0.0006	0.0002	751	0.001		265	5	0.2	0.0009	0.005	21.5	0.081
26-Feb-05																775									
19-Jul-05	194	0.018	0.003	0.0012	0.0036	0.06	0.0001	6	0.0005	0.002	0.00056	87.7	237	0.0005	0.0001	543	0.003		307	5	0.2	0.0139	0.005	23.1	0.068
22-Aug-05	167	0.006	0.002	0.0009	0.0027	0.043	0.0001	203	0.0005	0.002	0.00039	78.4	6	0.0005	0.0001	527	0.002		303	5	0.1	0.0058	0.004	20.9	0.042
27-Oct-05	190	0.005	0.027	0.0006	0.0016	0.05	0.0001	231	0.0005	0.004	0.00036	97.1	6	0.0005	0.0001		0.001			5	0.1	0.0033	0.006	23.9	0.076
25-Jan-06	204	0.005		0.0005	0.0006	0.105	0.0001	249	0.0005	0.003	0.0002	95.8	6	0.0005	0.0001	648	0.001		300	5	0.1	0.0013	0.003	24.6	0.036
14-Mar-06	196	0.005		0.0004	0.0006	0.101	0.0001	239	0.0005	0.002	0.00018	94.2	6	0.0005	0.0001	618	0.002		285	5	0.1	0.0024	0.003	25.8	0.051
26-Apr-06	219	0.005		0.0005	0.0006	0.099	0.0001	267	0.0005	0.002	0.00015	94.7	6	0.0005	0.0001	615	0.001		332	5	0.1	0.0017	0.002	24.4	0.063
26-May-06		0.0307		0.00191	0.00370	0.0196	0.0005		0.0005	0.01	0.000655	36.4		0.0005	0.0001		0.00343		129		0.204	0.0333	0.005	9.91	0.0754
31-Jul-06		0.005		0.0009	0.002	0.079	0.0001		0.0005	0.005	0.00038	89.5		0.0005	0.0001		0.001				0.1	0.0045	0.005	21.6	0.039
26-Feb-07		0.012		0.0004	0.0008	0.11	0.0001		0.0005	0.002	0.00025	94.9		0.0005	0.0001	590	0.001				0.1	0.0031	0.003	26.2	0.152
Summary statistics																									
n	21	16	9	11	11	18	18	10	14	12	11	18	12	11	11	21	11	0	19	11	24	11	11	18	23
mean	165	0.013	0.03	0.0008	0.0020	0.06	0.00021722	207	0.003	0.004	0.00036	79	25	0.00051	0.00014	574	0.0021	-	284	5	0.4	0.007	0.005	21	0.06
standard deviation (S.D.)	51	0.009	0.02	0.0005	0.0013	0.03	0.00020303	75	0.007	0.002	0.00020	25	67	0.00003	0.00009	157	0.0018	-	92	0	0.5	0.010	0.002	7	0.03
mean - 3 S.D.	11	-0.014	-0.04	-0.0007	-0.0018	-0.04	-0.0003919	-19	-0.018	-0.004	-0.00024	4	-175	0.00042	-0.00014	103	-0.0034	-	7	5	-1.1	-0.021	-0.003	1	-0.04
mean + 3 S.D.	319	0.039	0.10	0.0023	0.0058	0.17	0.00082631	433	0.025	0.011	0.00096	154	225	0.00060	0.00041	1044	0.0077	-	561	5	1.8	0.036	0.012	41	0.16

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

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Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.15: Water quality parameters for station KV9, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
27-Jan-94																									
24-Feb-94																									
28-Mar-94																									
23-Apr-94											0.01													0.033	
12-Apr-95				0.106	0.005									85.9										0.241	
16-May-95		0.005	0.002	0.200	2	7.8	0.06		0.02	1.56	0.001	1.24	0.1	86				0.01	0.002				0.002	0.241	
1-Jun-94																									
27-Jun-94																									
29-Jul-94																									
3-Aug-95		0.005	0.002	0.500	5	8.2	0.05		0.03	2.06	0.001	2.15	0.14	133				0.01	0.001				0.002	0.069	
27-May-97		0.005	0.003	0.05	0.05	7.5	0.06	0.7	0.02	1.39	0.001		0.09	456	21.3			0.005					0.004	0.224	
30-Jun-97			0.01			7.6								160							5			0.09	
10-Oct-97			0.01			7.1								192							5			0.09	
15-Jan-98			0.01			7.4								182							5			0.25	
1-Feb-98			0.01			7.40								166							30			0.08	
13-Mar-98			0.01			7.40								160							12			0.3	
12-Apr-98			0.16			6.80								163							5			0.02	
13-May-98			0.01			7.60								47							5			0.12	
3-Feb-01	0.0001	0.00016	0.0007	0.138	0.002		0.03	0.4	0.0004	2.86	0.00006	2.4	0.21	63.2	61.3	0.001			0.00002		1		0.00003	0.0253	
10-Jul-01		0.01	0.003	0.004	0.002	7.9	0.06	0.3	0.02	1.7	0.002		0.096	81.6	20.7			0.006					0.004	0.099	
8-Nov-01																									
2-Aug-03		0.01	0.001	0.05	0.5	8.12	0.06	0.7	0.02	2.8	0.002	2.54	0.203	201	58.9	0.006		0.009	0.001		2	0.07	0.012	0.036	0.006
24-Jan-04						7.37																			
17-Jun-04		0.01	0.002				0.06	1	0.1	1.9	0.002	1.83	0.166	114	31.1		0.006	0.01	0.004		2	0.07	0.001	0.039	0.006
30-Jul-04		0.001	0.0105	0.05	0.1	7.2		0.5	0.0002	2.87	0.0002	2.8	0.274	190	63.5	0.00005		0.001	0.0045		8	0.0014	0.0001	0.085	0.001
25-Jan-05		0.001	0.0044			7.27		0.8	0.0002	3.14	0.0001	3.1	0.222	96.5	31.1	0.00005		0.001	0.0019		1	0.0009	0.0001	0.035	0.001
26-Feb-05						7.37																			
19-Jul-05		0.001	0.001	0.03	0.03	7.49		0.4	0.0002	2.9	0.0001	2.1	0.217		44.7	0.00005		0.001	0.005		2	0.001	0.0002	0.048	0.001
22-Aug-05		0.001	0.0005	0.03	0.03	8		0.4	0.0004	2.7	0.0001	1.7	0.184		36.7	0.00005		0.001	0.0019		2	0.0009	0.0001	0.043	0.001
27-Oct-05		0.001	0.001	0.06	0.06	7.79		0.6	0.0002	2.96	0.0001	2.5	0.214		49.3	0.00005		0.001	0.0032		2	0.0011	0.0001	0.048	0.001
25-Jan-06		0.001	0.0005			6.88		0.6	0.0004	2.44	0.0001	2.2	0.216	151	47	0.00005		0.001	0.0031		2	0.0014	0.0001	0.022	0.001
14-Mar-06		0.001	0.0005			7.4		0.5	0.0004	2.56	0.0001	1.9	0.198	138	42.4	0.00005		0.001	0.0026		2	0.0013	0.0002	0.02	0.001
26-Apr-06		0.001	0.0005			7.31		0.6	0.0003	2.32	0.0001	2	0.201	139	44	0.00005		0.001	0.0016		2	0.0012	0.0001	0.02	0.001
26-May-06		0.000136	0.00085	0.001	0.005		0.3	2	0.001	1.34	0.000188	2	0.0729	41.6		0.0001		0.0001	0.01		3.2	0.000197	0.001	0.0648	
31-Jul-06		0.001	0.0005					0.5	0.0002	2.65	0.0001	2.1	0.205		42	0.00005		0.001	0.0572			0.0008	0.0001	0.037	0.001
26-Feb-07		0.001	0.0008			7.76		0.6	0.0002	2.54	0.0001	2	0.217		44.6	0.00005		0.001	0.0031			0.001	0.0001	0.026	0.001
Summary statistics																									
n	1	18	11	12	12	23	8	16	11	18	11	16	18	6	15	11	1	11	16	0	19	11	11	27	12
mean	0.0001	0.003	0.002	0.10	0.6	7.5	0.09	0.7	0.0003	2.4	0.00012	2.2	0.18	126	43	0.00005	0.006	0.0009	0.006	-	5	0.0010	0.0002	0.09	0.0018
standard deviation (S.D.)	-	0.004	0.003	0.14	1.5	0.4	0.09	0.4	0.0002	0.6	0.00004	0.4	0.06	51	13	0.00002	-	0.0003	0.014	-	7	0.0003	0.0003	0.08	0.0019
mean - 3 S.D.	-	-0.008	-0.007	-0.31	-3.8	6.4	-0.18	-0.5	-0.0004	0.6	0.00000	0.8	0.01	-27	4	0.00001	-	0.0001	-0.035	-	-15	0.0000	-0.0006	-0.16	-0.0040
mean + 3 S.D.	-	0.014	0.011	0.52	5.1	8.6	0.35	1.9	0.0010	4.1	0.00023	3.5	0.35	279	82	0.00010	-	0.0017	0.048	-	25	0.0020	0.0010	0.34	0.0077

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.16: Water quality parameters for station KV2, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total		Total	Total		Total	Total	as $CaCO_3$		Total	Total	Total	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																												
27-Jan-94																												
24-Feb-94																												
28-Mar-94																												
23-Apr-94																												
10-May-94	75				0.0133											199	0.01		83.7		1.03	0.01			0.176			
28-Jul-94	109	0.06		0.02	0.02	0.0002	0.02			0.0569	0.0005	44.4		0.001	0.001	274	0.004	0.005			0.124	0.001	0.002	12.8	0.038		0.005	0.003
6-Sep-94	102	0.04		0.02	0.02	0.0002	0.02			0.0584	0.0005	44.8		0.001	0.001	299	0.003				0.157	0.01	0.002	13.4			0.005	0.005
28-Oct-94	119	0.02		0.02	0.02	0.0003	0.02			0.0562	0.0005	46		0.001	0.001	341	0.009				0.157	0.01	0.003	13.2	0.045		0.005	0.004
31-Oct-94																												
29-Nov-94																												
1-Jan-95																												
6-Feb-95																												
29-Mar-95																												
12-Apr-95	164				0.0004												0.0128		238		0.22	0.06			0.1			
27-Apr-95																												
3-May-95																												
6-Jun-95																												
14-Jul-95	96	0.06		0.02	0.02	0.0002	0.02			0.0529	0.0005	40.5		0.001	0.001	270	0.011				0.195	0.01	0.003	12.7	0.041		0.005	0.006
11-Aug-95																												
3-Sep-95																												
7-Sep-95	89															273												
3-Oct-96					0.01						0.01					205	0.01				0.01	0.01			0.05			0.01
30-Oct-96											0.01					240	0.01				0.2	0.01			0.05			0.01
30-Nov-96											0.01					200	0.01				0.2	0.01			0.05			0.01
30-Jun-97	100				0.05						0.001					260	0.01					0.05						0.01
10-Oct-97	120				0.05						0.001					330	0.01					0.05						0.01
15-Jan-98					0.05						0.001					440	0.01				1	0.05			0.1			0.01
1-Feb-98	160			0.05	0.05						0.001					460	0.01		215		1	0.05			0.08			0.01
13-Mar-98	188			0.05	0.05						0.001					500	0.01		265		1	0.05			0.11			0.01
12-Apr-98				0.05	0.05						0.004					500	0.01		229		1	0.05			0.07			0.01
12-May-98	80			0.05	0.05						0.001					210	0.01		111		1	0.05			0.1			0.01
3-Feb-01	149	0.0288	0.05	0.0003	0.0015	0.0801	0.00001		0.0004	0.005	0.00016	70.8	6	0.00096	0.00009		0.00414		250	5	0.153	0.0007	0.01	18.9	0.0529	0.0001	0.00071	0.0044
10-Jul-01	86	0.21		0.02	0.02	0.0393	0.0006				0.0006	29.9	6	0.001	0.001	271	0.023				0.328	0.006		7.99	0.0612		0.01	0.007
2-Aug-03	106	0.13	0.05	0.02	0.02	0.0511	0.0006	129	0.02		0.0006	42	6	0.001	0.001		0.013		169	5	0.084	0.006	0.006	14.4	0.0453		0.01	0.004
17-Dec-03	113	0.03		0.02	0.02	0.0619	0.0006	138	0.02		0.0006	52.6	6	0.001	0.001		0.004		193	5	0.134	0.006	0.006	15.6	0.0709		0.01	0.003
24-Jan-04																517												
19-Feb-04	168	0.01		0.02	0.04	0.096	0.0006	204	0.02		0.0006	79.8	6	0.001	0.001	421	0.001		281	5	0.107	0.044	0.007	24.2	0.186		0.01	0.004
23-Mar-04	156	0.01		0.02	0.04	0.0922	0.0067	190	0.02		0.0011	66.7	6	0.008	0.001	433	0.003		252	5	0.161	0.051	0.007	21	0.227		0.02	0.004
24-Apr-04	154	0.01		0.02	0.04	0.0795	0.0006	188	0.02		0.0006	35.6	6	0.001	0.001	410	0.001		238	5	0.147	0.01	0.007	11.8	0.118		0.01	0.003
19-May-04		0.73		0.02	0.04	0.042	0.0006	57	0.02		0.0016	20.7	6	0.001	0.001	129.7	0.01		71	5	1.77	0.022	0.007	5.61	0.201		0.01	0.007
15-Jun-04	95	0.2		0.02	0.04	0.048	0.0006	116	0.02		0.0006	37.4	6	0.001	0.001		0.007		136	5	0.316	0.022	0.007	10.7	0.0828		0.01	0.007
20-Jul-04	108	0.116		0.0002	0.0017	0.062	0.0001	132	0.0005	0.003	0.00014	44.5	6	0.0005	0.0002	330	0.003		184	5	0.1	0.0008	0.006	14.2	0.043		0.001	0.0055
30-Jul-04	99	0.686	0.05	0.0002	0.0023	0.061	0.0001	121	0.0005	0.032	0.00028	44.6	6	0.0005	0.0007	297	0.004		168	5	0.4	0.0018	0.006	13.6	0.084		0.001	0.0069
24-Aug-04	102	0.09		0.02	0.04	0.0511	0.0006	125	0.02		0.0006	44.6	6	0.001	0.001	350	0.002		242	5	0.082	0.01	0.007	12.5	0.0489		0.01	0.004
21-Sep-04	126	0.055		0.0002	0.0016	0.056	0.0001	153	0.0005	0.002	0.00016	52	6	0.0005	0.0003	411	0.001		199	5	0.2	0.0005	0.005	15.9	0.064		0.001	0.0057
21-Oct-04	137	0.033		0.0002	0.0016	0.064	0.0001	167	0.0005	0.002	0.00014	54.9	6	0.0005	0.0002	412	0.001		217	5	0.1	0.0022	0.005	18.1	0.074		0.001	0.0064
29-Nov-04	144	0.018		0.0002	0.0015	0.072	0.0001	175	0.0005	0.002	0.00013	56	6	0.0005	0.0001	463	0.001		218	5	0.2	0.0005	0.004	17.8	0.07		0.001	0.0043
17-Dec-04	150			0.0001	0.0016	0.081	0.0001	182		0.003	0.00028		6	0.0005	0.0001	460	0.001		238	5		0.0004				0.0002	0.001	0.0057
26-Jan-05	170	0.012		0.0002	0.002	0.093	0.0001	207	0.0005	0.003	0.00016	68.5	6	0.0005	0.0002	531	0.001		268	5	0.2	0.0049	0.005	22.1	0.075		0.001	0.0049
26-Feb-05	163	0.013		0.0002	0.0019	0.088	0.0001	198	0.0009	0.003	0.00014		6	0.0005	0.0001	517	0.001		248	5	0.2	0.0006	0.005				0.001	0.0035
22-Mar-05	165	0.02		0.0002	0.002	0.088	0.0001	201	0.0005	0.004	0.00009	62.8	6	0.002	0.0001	501	0.016		261	5	0.2	0.0003	0.005	20	0.057		0.001	0.0069
21-Apr-05	150	0.01		0.0002	0.001	0.072	0.0001	182	0.0005	0.002	0.0001	60.8	6	0.0005	0.0001	458	0.001		225	5	0.2	0.0003	0.005	19.1	0.052		0.001	0.003
27-May-05	70	0.388		0.0002	0.002	0.046	0.0001	85	0.0005	0.002	0.00034	28.9	6	0.0008	0.001	230	0.003		110	5	0.8	0.0044	0.003	9	0.098		0.001	0.0076
30-Jun-05	102	0.195		0.0002	0.0014	0.054	0.0001	124	0.0005	0.002	0.00018	39.7	6	0.0005	0.0006	298	0.002		150	5	0.3	0.0014	0.004	12.2	0.06		0.001	0.0062
18-Jul-05	119	0.15	0.006	0.0002	0.0018	0.057	0.0001	145	0.0005	0.004	0.0002	43	6	0.0005	0.0004	298	0.002		168	5	0.2	0.0012	0.005	13.1	0.058		0.001	0.0066
21-Aug-05	119	0.097	0.002	0.0002	0.0017	0.055	0.0001	145	0.0005	0.002	0.00027	48	6	0.0005	0.0004	344	0.002		188	5	0.2	0.0006	0.004	14.8	0.066		0.001	0.0054
22-Sep-05	119	0.217	0.05	0.0002	0.0018	0.06	0.0001	145	0.0005	0.002	0.0004	47.1	6	0.0005	0.001	411	0.002		182	5	0.3	0.0019	0.004	13.4	0.075		0.001	0.0104
27-Oct-05	130	0.13	0.015	0.0002	0.0016	0.059	0.0001	158	0.0005	0.003	0.00024	53.1	6	0.0005	0.0009	399	0.002			5	0.2	0.0007	0.006	15.4	0.079		0.001	0.0089
29-Nov-05	138	0.056		0.0002	0.0012	0.056	0.0001	168	0.0005	0.002	0.00014	44.9	6	0.0005	0.0002	4662	0.001		70	5	0.1	0.0008	0.005	13	0.056		0.001	0.0052
14-Dec-05	136	0.057		0.0002	0.0015	0.064	0.0001	166	0.0005	0.004	0.00023	55.4	6	0.0005	0.0002	359	0.001		203	5	0.2	0.0008	0.006	15.8	0.117		0.001	0.0064
24-Jan-06	152	0.022		0.0002	0.0015	0.083	0.0001	185	0.0005	0.004	0.00013	60.7	6	0.0005	0.0001	431	0.001		235	5	0.1	0.0007	0.005	17.5	0.068		0.001	0.005
22-Feb-06	159	0.022		0.0002	0.0017	0.083	0.0001	194	0.0005	0.003	0.00014	69.6	6	0.0005	0.0001	453	0.001		258	5	0.2	0.0005	0.005	18.7	0.07		0.001	0.0037
15-Mar-06	168	0.012		0.0002	0.0019	0.096	0.0001	205	0.0005	0.003	0.0002	70.5	6	0.0005	0.0001	538	0.001		214	5	0.2	0.0006	0.005	21.5	0.076		0.001	0.0036
27-Apr-06	158	0.011		0.0002	0.0018	0.077	0.0001	193	0.0005	0.003	0.00012	65.7	6	0.0005	0.0001	479	0.001		237	5	0.2	0.0004	0.004	18.3	0.064		0.001	0.0045
25-May-06	58	0.374		0.0002	0.0022	0.038	0.0001	70	0.0005	0.002	0.00038	22.4	6	0.0005	0.0009		0.003		81	5	0.8	0.004	0.002	6	0.103		0.001	0.0061
31-Jul-06		0.222		0.0002	0.0015	0.061	0.0001		0.0005	0.005	0.00024	46		0.0005	0.0008		0.003				0.1	0.0008	0.006	13.6	0.062		0.001	0.0094
28-Feb-07		0.028		0.0002	0.002	0.092	0.0001		0.0005	0.004	0.00019	68.7		0.0005	0.0001	423	0.001				0.2	0.0007	0.005	22.1	0.089		0.001	0.0094
Summary statistics																												
n	44	38	7	26	26	39	39	31	33	30	26	37	33	26	26	46	26	1	37	32	48	26	25	37	46	2	39	26
mean	127	0.12	0.03	0.001	0.003	0.06	0.002	156	0.005	0.011	0.00022	50	6	0.0006	0.0004	462	0.002	0.005	197	5	0.3	0.0016	0.0049	15	0.08	0.00015	0.004	0.006
standard deviation (S.D.)	32	0.17	0.02	0.004	0.008	0.03	0.006	40	0.008	0.019	0.00011	14	0	0.0003	0.0003	642	0.003	-	60	0	0.4	0.0021	0.0011	4	0.04	-	0.005	0.002
mean - 3 S.D.	31	-0.39	-0.04	-0.011	-0.019	-0.02	-0.016	36	-0.020	-0.045	-0.00013	8	6	-0.0003	-0.0007	-1464	-0.007	-	18	5	-0.8	-0.0048	0.0017	2	-0.04	-	-0.010	0.000
mean + 3 S.D.	222	0.63	0.10	0.013	0.026	0.14	0.021	276	0.031	0.067	0.00056	93	6	0.0015	0.0014	2387	0.011	-	376	5	1.4	0.0080	0.0080	28	0.21	-	0.017	0.012

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.16: Water quality parameters for station KV2, United Keno Hill, 1994 - 2007 [1].

Parameter	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																						
27-Jan-94																		4				
24-Feb-94																		4				
28-Mar-94																		4				
23-Apr-94																		8				
10-May-94	0.1	1									29							27			0.362	
28-Jul-94	**0.5**	**1**	7.99		0.4	**0.001**	1.67	**0.0001**	1.37	0.17	52.6	17.5			**0.01**	**0.001**	197	5		0.003	0.027	**0.001**
6-Sep-94			8.20		0.5	**0.02**	1.86	**0.001**	1.62	0.17		20.7			**0.01**	**0.001**	226	5		**0.002**	0.017	**0.001**
28-Oct-94			7.89		0.6	**0.02**	1.95	**0.001**	1.66	0.17		18.6			**0.01**	0.002	228	5		0.005	0.027	**0.001**
31-Oct-94																		0				
29-Nov-94																		4				
1-Jan-95																		0				
6-Feb-95																		16				
29-Mar-95																		0				
12-Apr-95	0.094	**0.005**									83.8							**10**			0.048	
27-Apr-95																		4				
3-May-95																		32				
6-Jun-95																		20				
14-Jul-95			8.32		**0.2**	**0.02**	1.64	**0.001**	1.44	0.17	58	17.9			**0.01**	**0.001**	214	5		**0.002**	0.021	**0.001**
11-Aug-95																		0				
3-Sep-95																		8				
7-Sep-95			7.51								59.6						233.00	5				
3-Oct-96			7.1															36			0.01	
30-Oct-96			8.04															60			0.05	
30-Nov-96			7.83															32			0.04	
30-Jun-97			8								44.5							5			0.02	
10-Oct-97			7.1								52.2							5			0.01	
15-Jan-98			6.9								84							5			0.06	
1-Feb-98			7.3								87.9							16			0.94	
13-Mar-98			7.2								89							36			0.06	
12-Apr-98			7								104							5			0.01	
12-May-98			7.4								34							10			0.07	
3-Feb-01	0.114	**0.002**		**0.03**	0.5	0.0006	3.45	**0.00006**	2.3	0.217	30	30.5	**0.001**			0.00016		**1**		**0.00003**	0.0308	
10-Jul-01	0.036	**0.002**	8	**0.06**	0.4	0.02	1.5	**0.002**		0.111	51.2	12.7			**0.006**		147	22		0.003	0.059	
2-Aug-03	**0.05**	**0.5**		**0.06**	0.6	0.08	1.6	**0.002**	1.38	0.16	67.8	20.4	**0.006**		**0.006**	**0.001**		1	**0.07**	0.006	0.025	**0.006**
17-Dec-03				**0.06**	0.7	**0.02**	2.6	**0.002**	2.44	0.189	73.9	24.9		**0.006**	0.02	**0.001**		**2**	**0.07**	**0.001**	0.056	**0.006**
24-Jan-04			7.52														223					
19-Feb-04				**0.06**	**1**	**0.1**	3.6	**0.002**	3.44	0.256	99	36.7		**0.006**	**0.01**	**0.004**		**2**	**0.07**	**0.001**	0.142	**0.006**
23-Mar-04			7.62	0.08	**1**	**0.1**	3.5	**0.002**	2.93	0.243	96.1	38			0.013	**0.004**		**3**	**0.07**	**0.001**	0.206	**0.006**
24-Apr-04			7.74	**0.06**	**1**	**0.1**	3.1	**0.002**	1.89	0.252	87.2	31.6			**0.01**	**0.004**		**3**	**0.07**	**0.001**	0.116	**0.006**
19-May-04			8.01	0.06	**1**	**0.1**	1.8	**0.002**	0.61	0.057	16	5.6		**0.006**	**0.01**	0.042		46	**0.07**	0.001	0.158	**0.006**
15-Jun-04				0.06	1	**0.1**	1.7	**0.002**	1.02	0.151	53	13.3	0.006		**0.01**	0.004		10	0.07	0.001	0.059	**0.006**
20-Jul-04			8.1		0.4	0.0005	1.54	0.0005	1.5	0.184	69	21.8	**0.00005**		**0.001**	0.0015		1	0.0007	0.0002	0.04	**0.001**
30-Jul-04	**0.05**	**0.1**	7.61		0.6	0.0005	2.42	0.0004	1.6	0.157	66.1	21.3	**0.00005**		**0.001**	0.0069		8	0.0009	0.0006	0.08	**0.001**
24-Aug-04			8.5	0.12	**1**	**0.1**	1.6	**0.002**	1.2	0.211	64.2	20.8			**0.01**	**0.004**		**2**	**0.07**	**0.001**	0.043	**0.006**
21-Sep-04			7.66		1	0.0005	1.71	0.0001	1.8	0.222	75.9	24	**0.00005**		0.001	0.0016		**2**	0.0009	0.0001	0.038	0.001
21-Oct-04			7.72		0.7	0.0005	1.94	**0.0001**	2	0.225	87.2	23.4	**0.00005**		**0.001**	0.0023		2	0.0009	0.0005	0.029	**0.001**
29-Nov-04			6.9		0.7	0.0005	2.36	0.0008	2.8	0.243	78.4	26.2	**0.00005**		**0.001**	0.0016		**2**	0.001	0.0003	0.038	**0.001**
17-Dec-04			7.7			0.0004		0.0001			86	0.0295	**0.00005**			0.0019		**2**	0.0011		0.046	
26-Jan-05			7.52		0.9	**0.0002**	3.2	0.0001	3.2	0.227	99.9	31.6	**0.00005**		**0.001**	0.002	231	**1**	0.0009	**0.0001**	0.038	**0.001**
26-Feb-05			7.18			0.0005	3.17	**0.0001**	2.7	0.238	89.8	30.4	**0.00005**		**0.001**	0.0021		**2**	0.001	0.0014	0.03	**0.001**
22-Mar-05			8.76		0.6	0.0003	3.2	**0.0001**	3	0.264	88	29	**0.00005**		**0.001**	0.002		**2**	0.001	**0.0001**	0.035	**0.001**
21-Apr-05			8.5		1	0.0004	2.8	**0.0001**	4	0.242	84	28	**0.00005**		**0.001**	0.002	199	**2**	0.001	**0.0001**	0.029	**0.001**
27-May-05					**0.4**	0.0003	2.47	0.0003	0.9	0.118	36	12.5	**0.00005**		**0.001**	0.0111		17	**0.0005**	0.0012	0.057	**0.001**
30-Jun-05			8.05		**0.4**	0.0003	1.97	**0.0001**	1.1	0.18	55	17	**0.00005**		**0.001**	0.0041		4	0.0006	0.0004	0.026	**0.001**
18-Jul-05	0.03	0.03			0.4	0.0004	2	0.0001	1.4	0.188		19.4	**0.00005**		**0.001**	0.002		2	0.0007	0.0003	0.028	**0.001**
21-Aug-05	**0.03**	**0.03**	7.59		**0.4**	0.0006	2.03	**0.0001**	1.4	0.178		22.7	**0.00005**		**0.001**	0.0015		**2**	0.0008	0.0002	0.04	**0.001**
22-Sep-05			7.66		0.4	0.0006	2.04	0.0001	1.6	0.203	68	21.5	**0.00005**		**0.001**	0.0102		3	0.0008	0.0004	0.068	**0.001**
27-Oct-05	0.04	0.04	7.8		0.7	0.0006	2.23	**0.0001**	1.8	0.234		24.2	**0.00005**		**0.001**	0.0036	173	4	0.0008	0.0004	0.058	**0.001**
29-Nov-05			7.8		**0.4**	**0.0002**	1.97	**0.0001**	1.4	0.183	82	20.4	**0.00005**		**0.001**	0.0019		**2**	0.0007	0.0001	0.038	**0.001**
14-Dec-05			7.36		0.5	0.0006	2.45	**0.0001**	2.2	0.224	89	25.1	**0.00005**		**0.001**	0.0026		**2**	0.0008	0.0002	0.081	**0.001**
24-Jan-06			6.81		0.7	0.0006	2.81	**0.0001**	2.5	0.235	103	28.5	**0.00005**		**0.001**	0.0019	205	2	0.001	0.0001	0.038	**0.001**
22-Feb-06			7.26		0.8	0.0006	3.24	**0.0001**	2.6	0.223	96	31	**0.00005**		**0.001**	0.0016		2	0.001	0.0001	0.037	**0.001**
15-Mar-06			7.62		0.8	0.0005	3.58	**0.0001**	2.8	0.234	104	32.1	**0.00005**		**0.001**	0.0022	257	2	0.001	0.0002	0.039	**0.001**
27-Apr-06			7.45		0.8	0.0006	2.99	**0.0001**	2.7	0.233	96	30.8	**0.00005**		**0.001**	0.0012	208	**2**	0.0008	0.0002	0.035	**0.001**
25-May-06	**0.03**	**0.03**			0.6	0.0005	1.76	**0.0001**	0.8	0.076	26.2	7.9	**0.00005**		**0.001**	0.0108		24	**0.0005**	0.001	0.054	**0.001**
31-Jul-06					**0.4**	0.0005	1.54	**0.0001**	1.4	0.186		21.9	**0.00005**		**0.001**	0.055			0.0005	0.0002	0.034	**0.001**
28-Feb-07			7.73		0.9	0.0005	3.37	**0.0001**	2.8	0.259		31.9	**0.00005**		**0.001**	0.0019			0.0008	**0.0001**	0.061	**0.001**
Summary statistics																						
n	11	11	42	10	37	26	38	26	37	38	21	39	25	3	25	38	13	64	26	25	51	36
mean	0.10	0.2	7.7	0.07	0.7	0.004	2.4	0.0002	2.0	0.20	78	23	0.00005	0.006	0.001	0.005	211	9	0.003	0.0004	0.07	0.0021
standard deviation (S.D.)	0.14	0.4	0.5	0.02	0.2	0.020	0.7	0.0004	0.8	0.05	21	8	0	0.000	0.005	0.011	28	12	0.014	0.0004	0.14	0.0021
mean - 3 S.D.	-0.31	-0.9	6.3	0.00	-0.1	-0.054	0.3	-0.0010	-0.5	0.05	16	-2	0.00005	0.006	-0.013	-0.027	126	-28	-0.037	-0.0007	-0.33	-0.0042
mean + 3 S.D.	0.51	1.4	9.0	0.13	1.4	0.063	4.5	0.0014	4.4	0.34	140	48	0.00005	0.006	0.016	0.038	296	45	0.044	0.0015	0.48	0.0084

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.17: Water quality parameters for station KV3, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total		Total	Total		Total	Total	as $CaCO_3$		Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
28-Jul-94	108	0.06		0.02	0.02	0.0668	0.0002		0.02		0.0005	49.1		0.001	0.001	278	0.008	0.005			0.199	0.001	0.002	13.9	0.047
6-Sep-94	105	0.04		0.02	0.02	0.063	0.0002		0.02		0.0005	45.6		0.001	0.001	303	0.003				0.213	0.01	0.002	13.7	
26-Oct-94	129	0.03		0.02	0.02	0.0612	0.0002		0.02		0.0005	49.7		0.001	0.001	320	0.005				0.234	0.01	0.002	14.3	0.072
12-Apr-95	166										0.0003						0.001		244		0.245	0.06			
26-Apr-95	94	0.03		0.02	0.02	0.0557	0.0002		0.02		0.0005	43.3		0.001	0.001	322	0.017				0.28	0.01	0.002	12.5	0.08
12-Jul-95	94	0.07		0.02	0.02	0.0556	0.0002		0.02		0.0005	39.8		0.001	0.001	272	0.016				0.16	0.01	0.003	12.2	0.051
6-Sep-95	96															275									
21-May-97	46.9										0.006					133	0.006		64.4		0.991	0.06			
20-Aug-97	112				0.05						0.001					306	0.01					0.05			
10-Oct-97																380						0.05			
3-Feb-01	145	0.0185	0.05	0.0003	0.0016	0.08	0.00001		0.0004	0.004	0.00016	70.5	6	0.00077	0.00011		0.00196		251	5	0.175	0.0007	0.01	18.7	0.0555
10-Jul-01	90	0.21		0.02	0.02	0.0398	0.0006				0.0006	30	6	0.001	0.001	274	0.012				0.369	0.006		8.07	0.0743
2-Aug-03	109	0.11	0.05	0.02	0.02	0.0538	0.0006	133	0.02		0.0006	42.9	6	0.001	0.001		0.013		176	5	0.092	0.006	0.006	14.7	0.0434
24-Jan-04																526									
17-Jun-04	98	0.16		0.02	0.04	0.0558	0.0006	119	0.02		0.0006	42.9	6	0.001	0.001		0.009		156	5	0.224	0.022	0.007	12.2	0.073
30-Jul-04	88	0.719	0.05	0.0002	0.0022	0.059	0.0001	107	0.0005	0.036	0.00028	41.3	6	0.0005	0.0007	264	0.005		155	5	0.3	0.0018	0.007	13.1	0.085
24-Aug-04	115	0.08		0.02	0.04	0.05	0.0006	140	0.02		0.001	51	6	0.001	0.001	300	0.004		263	5	0.145	0.01	0.007	12.8	0.222
25-Jan-05	173	0.01		0.0002	0.0024	0.092	0.0001	211	0.0005	0.003	0.00014	66.1	6	0.0006	0.0002	368	0.001		265	5	0.2	0.0009	0.005	21.5	0.081
27-Feb-05	169	0.014		0.0002	0.002	0.082	0.0001	206	0.0005	0.008	0.00013	67.8	6	0.0005	0.0001	526	0.001		253	5	0.2	0.0013	0.004	21.4	0.063
29-Jun-05																297									
19-Jul-05	112	0.114	0.01	0.0002	0.0021	0.058	0.0001	6	0.0005	0.002	0.00019	44.2	137	0.0005	0.0002	300	0.002		162	5	0.2	0.0014	0.004	13.6	0.057
22-Aug-05	118	0.08	0.003	0.0002	0.0019	0.058	0.0001	143	0.0005	0.002	0.00025	49	6	0.0005	0.0003	352	0.001		192	5	0.2	0.0013	0.004	15.1	0.072
27-Oct-05		0.125		0.0002	0.0021	0.062	0.0001		0.0005	0.003	0.00025	53.8		0.0005	0.0008		0.009				0.2	0.0012	0.007	15.5	0.116
25-Jan-06	153	0.02		0.0003	0.0017	0.088	0.0001	186	0.0005	0.004	0.00013	63.5	6	0.0005	0.0001	203	0.001		237	5	0.2	0.0012	0.005	18.2	0.075
14-Mar-06	175	0.015		0.0002	0.0021	0.099	0.0001	213	0.0005	0.004	0.00016	70.4	6	0.0005	0.0001	472	0.001		275	5	0.2	0.0011	0.005	21.5	0.08
26-May-06		0.319		0.00029	0.00269	0.0406	0.0005		0.0005	0.01	0.000396	26.0		0.0005	0.00072		0.00317		93.4		0.745	0.00694	0.005	7.51	0.0978
31-Jul-06		0.16		0.0004	0.002	0.066	0.0002		0.001	0.008	0.00024	46.5		0.001	0.0005		0.004				0.2	0.001	0.006	14	0.058
26-Feb-07		0.05		0.0002	0.0023	0.096	0.0001		0.0005	0.004	0.00028	68.9		0.0005	0.0002	482	0.001				0.3	0.0018	0.005	22.3	0.102
Summary statistics																									
n	21	21	5	12	12	21	21	10	20	12	12	21	12	12	12	21	12	1	14	11	23	12	12	21	20
mean	119	0.12	0.03	0.002	0.005	0.07	0.00024	146	0.008	0.007	0.0003	51	17	0.0006	0.0004	331	0.003	0.005	199	5.00	0.27	0.002	0.0053	15	0.08
standard deviation (S.D.)	33	0.16	0.02	0.006	0.011	0.02	0.00020	63	0.010	0.009	0.0002	13	38	0.0002	0.0003	100	0.002	-	67	0	0.20	0.003	0.0012	4	0.04
mean - 3 S.D.	18	-0.36	-0.04	-0.015	-0.028	0.01	-0.00037	-43	-0.021	-0.021	-0.0004	12	-97	0.0000	-0.0005	31	-0.005	-	-2	5	-0.33	-0.006	0.0019	3	-0.03
mean + 3 S.D.	219	0.59	0.10	0.019	0.038	0.12	0.00085	336	0.038	0.035	0.0010	89	130	0.0012	0.0014	631	0.010	-	400	5	0.87	0.011	0.0088	28	0.19

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[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.17: Water quality parameters for station KV3, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
28-Jul-94		**0.005**	0.003	**0.5**	**1**	8.26			**0.001**	1.88	**0.0001**	1.61	0.19	51.6	20.5			**0.01**	**0.001**		**5**		0.004	0.018	**0.001**
6-Sep-94		**0.005**	0.006			8.06			**0.02**	1.86	**0.001**	1.71	0.17		20.9			**0.01**	**0.001**		**5**		**0.002**	0.016	**0.001**
26-Oct-94		**0.005**	0.004			7.92			**0.02**	2.06	**0.001**	1.85	0.18		19.8			**0.01**	0.002		**5**		0.003	0.023	**0.001**
12-Apr-95				0.098	**0.005**						**0.01**			85.2							**10**			0.036	
26-Apr-95		**0.005**	0.004			7.89			**0.02**	2.58	**0.001**	1.8	0.15		19.7			**0.01**	**0.01**		**5**		0.003	0.075	**0.001**
12-Jul-95		**0.005**	0.004			8.10			**0.02**	1.68	**0.001**	1.75	0.16	56.8	17.3			**0.01**	0.001		**5**		**0.002**	0.019	**0.001**
6-Sep-95						7.63								61.6							**5**				
21-May-97				0.005	**0.005**	7.45					**0.01**			18							16			0.067	
20-Aug-97			0.01			8.07								53.7							5			0.05	
10-Oct-97						7.1															24			0.25	
3-Feb-01	**0.0001**	0.00072	0.0042	0.119	**0.002**		**0.03**	0.5	0.0004	3.42	**0.00006**	2.3	0.214	30.2	30.1	**0.001**			0.0001		**1**		**0.00003**	0.0314	
10-Jul-01		**0.01**	0.007	0.032	**0.002**	8	**0.06**	**0.3**	**0.02**	1.5	**0.002**		0.108	52.3	12.7			**0.006**					0.004	0.057	
2-Aug-03		**0.01**	0.003	**0.05**	**0.5**	8.41	**0.06**	0.7	**0.04**	1.6	**0.002**	1.46	0.168	69.6	**0.2**	**0.006**		**0.006**	20.7		**1**	**0.07**	0.006	0.022	**0.006**
24-Jan-04						7.05																			
17-Jun-04		**0.01**	0.006				**0.06**	**1**	**0.1**	1.9	**0.002**	1.19	0.171	52.3	16.7		**0.006**	0.011	**0.004**		11	**0.07**	**0.001**	0.049	**0.006**
30-Jul-04		**0.001**	0.0087	**0.05**	0.1	7.81		0.5	0.0005	2.46	0.0004	1.6	0.143	62.8	20.7	**0.00005**		**0.001**	0.0032		4	0.0007	0.0004	0.075	**0.001**
24-Aug-04		**0.01**	0.003			9.2	0.07	1.6	**0.1**	1.6	**0.002**	1.5	0.221	70.4	22			**0.01**	**0.004**		**2**	**0.07**	**0.001**	0.194	**0.006**
25-Jan-05		0.001	0.0044			7.15		0.8	0.0002	3.14	0.0001	3.1	0.222	96.5	31.1	**0.00005**		**0.001**	0.0019		**1**	0.0009	**0.0001**	0.035	**0.001**
27-Feb-05		0.001	0.0028			7.05		0.7	0.0003	3.3	0.0002	2.9	0.25	92.5	31.3	**0.00005**		**0.001**	0.0015		**2**	0.0011	0.0018	0.034	0.001
29-Jun-05						7.87																			
19-Jul-05		**0.001**	0.0058	**0.03**	**0.03**	7.72		**0.4**	0.0004	2.01	**0.0001**	1.3	0.185		19.6	**0.00005**		**0.001**	0.0014		**1**	0.0007	0.0003	0.024	**0.001**
22-Aug-05		**0.001**	0.005	**0.03**	**0.03**	8.04		**0.4**	0.0005	2.07	**0.0001**	1.4	0.181		22.7	**0.00005**		**0.001**	0.0013		**2**	0.0008	0.0002	0.038	**0.001**
27-Oct-05		**0.001**	0.0097					0.8	0.0006	2.21	**0.0001**	1.9	0.24		23.5	**0.00005**		**0.001**	0.0029			0.0008	0.0005	0.072	**0.001**
25-Jan-06		**0.001**	0.0049			7.27		0.7	0.0005	2.89	**0.0001**	2.6	0.243	93	29.2	**0.00005**		**0.001**	0.0021		**2**	0.0011	0.0001	0.04	**0.001**
14-Mar-06		0.001	0.0035			7.51		0.8	0.0005	3.56	**0.0001**	2.8	0.234	104	31.8	**0.00005**		**0.001**	0.0024		**2**	0.0011	0.0003	0.038	**0.001**
26-May-06		0.000467	0.00624	**0.001**	0.0166		**0.3**	**2**	**0.001**	1.55	0.000099	**2**	0.0820	27.3		**0.0001**		0.00018	**0.01**		33.2	0.000357	0.0010	0.0530	
31-Jul-06		**0.002**	0.0088					**0.8**	0.0005	1.5	**0.002**	1	0.19		23.1	**0.0001**		**0.002**	0.0405			**0.001**	0.0003	0.034	**0.002**
26-Feb-07		0.001	0.0096			7.78		0.8	0.0004	3.4	**0.0001**	2.8	0.268		32	**0.00005**		**0.001**	0.0024			0.0008	0.0001	0.063	**0.001**
Summary statistics																									
n	1	21	12	10	10	22	6	16	12	21	12	20	21	7	20	11	1	12	20	0	22	12	12	25	18
mean	0.0001	0.004	0.006	0.09	0.2	7.8	0.10	0.8	0.009	2.3	0.0004	1.9	0.19	78	22	0.00006	0.01	0.0018	1	-	7	0.007	0.0005	0.06	0.0019
standard deviation (S.D.)	-	0.004	0.003	0.15	0.3	0.5	0.10	0.4	0.029	0.7	0.0007	0.6	0.05	27	8	0.00002	-	0.0026	5	-	8	0.020	0.0005	0.05	0.0019
mean - 3 S.D.	-	-0.007	-0.002	-0.35	-0.8	6.3	-0.20	-0.5	-0.077	0.2	-0.0017	0.1	0.05	-2	-1	0.00000	-	-0.0061	-13	-	-18	-0.053	-0.0010	-0.10	-0.0038
mean + 3 S.D.	-	0.014	0.014	0.54	1.2	9.3	0.40	2.1	0.095	4.4	0.0026	3.8	0.33	159	45	0.00012	-	0.0096	15	-	31	0.067	0.0020	0.22	0.0076

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[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.18: Water quality parameters for station KV4, United Keno Hill, 1994 - 2007[1].

Paramer	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total		Total	Total		Total	Total	as $CaCO_3$		Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
27-Jan-94																320						0.02			
24-Feb-94																330						0.02			
28-Mar-94																360						0.02			
23-Apr-94																340						0.01			
1-Jun-94																200						0.03			
27-Jun-94																200						0.03			
29-Jul-94																460						0.01			
17-Aug-94																340						0.1			
29-Sep-94																380						0.18			
31-Oct-94											0.001					280	0.004				0.6	0.02			0.1
29-Nov-94											0.001					450	0.002				0.4	0.015			0.155
5-Jan-95											0.001					470	0.002				0.2	0.005			0.066
9-Feb-95																									
29-Mar-95					0.006						0.001					400	0.002				1	0.02			0.29
12-Apr-95	205			0.06	0.06	0.12	0.001			0.01	0.0003	107		0.006	0.006		0.0014		380		0.042	0.06		28.9	0.029
27-Apr-95					0.003						0.001					295	0.002				0.2	0.02			0.2
3-May-95					0.01						0.002					160	0.006				0.4	0.07			0.14
16-May-95	73			**0.02**	0.02	0.0252	0.0002				0.0013	42.2		0.001	0.001	313	0.051		154		0.4	0.03		11.4	0.095
6-Jul-95											0.01					350	0.01				0.16	0.17			0.12
11-Jul-95					0.02						0.001						0.011				0.194	0.01			0.057
3-Aug-95	115			**0.02**	0.02	0.0389	0.0002				0.0005	40.5		0.001	0.001	402	0.013		151		0.131	0.01		12.1	0.038
11-Aug-95					0.001						0.001					195	0.004				0.2	0.05			0.05
4-Sep-95					0.003						0.001					190	0.002				0.2	0.005			0.038
11-Oct-95					0.006						0.001					205	0.002				0.2	0.005			0.62
5-Nov-95					0.002						0.001					215	0.002				0.2	0.005			0.064
12-Dec-95					0.003						0.001					190	0.002				0.2	0.005			0.115
1-Jan-96					0.001						0.001					170	0.002				0.2	0.005			0.115
9-Feb-96					0.001						0.001					150	0.002				0.2	0.005			0.098
5-Mar-96					0.005						0.001					190	0.006				0.4	0.025			0.1
7-Apr-96					0.005						0.001					560	0.01				0.2	0.015			0.08
28-Apr-96					0.004						0.004					500	0.014				0.2	0.055			0.34
24-Jun-96					0.001						0.001					190	0.002				0.2	0.01			0.052
18-Jul-96					0.003						0.002					210	0.006				0.2	0.045			0.094
2-Aug-96					0.01						0.01					310	0.01				0.01	0.01			0.1
16-Sep-96					0.01						0.01					220	0.01				0.01	0.01			0.07
27-Mar-97	180				0.05						0.001					250	0.01					0.05			
30-Jun-97	111				0.05						0.004					270	0.01					0.05			
10-Oct-97	138				0.05						0.001					610	0.01					0.05			
15-Jan-98					0.05						0.001					480	0.01				1	0.05			0.11
1-Feb-98	170			0.05	0.05						0.001					470	0.01		253		1	0.05			0.08
13-Mar-98	180			0.05	0.05						0.003					470	0.01		255		1	0.05			0.09
12-Apr-98				0.05	0.05						0.004					500	0.01		264		1	0.05			0.06
13-May-98	74			0.05	0.05						0.001					210	0.01		127		1	0.05			0.1
8-Nov-01																									
3-Feb-01	148	0.0213	**0.05**	0.0003	0.0018	0.0789	**0.00001**		**0.0004**	0.003	0.00014	68.5	**6**	0.0007	0.00004		0.00199		251	**5**	0.175	0.0007	0.01	18.3	0.0537
10-Jul-01	91	0.18	**0.05**	**0.02**	**0.02**	0.0354	0.0006				0.0008	32.3	**6**	**0.001**	**0.001**	294	0.019				0.33	0.013		8.61	0.0789
2-Aug-03	113	0.11	**0.05**	**0.02**	**0.02**	0.0554	**0.0006**	138	**0.02**		**0.0006**	47.2	**6**	**0.001**	**0.001**		0.012		184	**5**	0.104	**0.006**	**0.006**	15.9	0.0453
24-Jan-04																527									
17-Jun-04	104	0.17		**0.02**	**0.04**	0.0543	**0.0006**	126	**0.02**		**0.0006**	45.4	**6**	**0.001**	**0.001**		0.009		164	**5**	0.291	0.011	**0.007**	12.7	0.0907
30-Jul-04	98	0.648	**0.05**	0.0003	0.0024	0.062	**0.0001**	119	**0.0005**	0.065	0.00038	48.2	**6**	**0.0005**	0.0009		0.005		174	**5**	0.4	0.0041	0.007	14.6	0.092
24-Aug-04	117	0.08		**0.02**	**0.04**	0.0544	**0.0006**	143	**0.02**		0.0008	54.6	**6**	**0.001**	**0.001**	330	0.003		216	**5**	0.147	**0.01**	**0.007**	13.6	0.168
27-Feb-05	160	0.006		**0.0002**	0.0018	0.082	**0.0001**	196	**0.0005**	0.008	0.00013	66.5	**6**	**0.0005**	**0.0001**	527	**0.001**		250	**5**	0.2	0.0006	0.004	20.9	0.057
19-Jul-05	120	0.098	0.009	0.0003	0.0022	0.057	**0.0001**	146	**0.0005**	**0.002**	0.00023	48.3	**6**	**0.0005**	0.0002		0.002		181	**5**	0.2	0.0025	0.004	14.5	0.056
22-Aug-05	130	0.064	**0.002**	0.0003	0.0022	0.055	**0.0001**	159	**0.0005**	0.002	0.00028	55.1	**6**	**0.0005**	0.0002	397	0.001		216	**5**	0.2	0.0024	0.005	16.3	0.063
27-Oct-05	133	0.104	0.014	0.0002	0.0021	0.064	**0.0001**	162	**0.0005**	0.003	0.00027	59.8	**6**	**0.0005**	0.0007		0.002			**5**	0.2	0.0022	0.006	16.6	0.102
25-Jan-06	147	0.019		**0.0002**	0.0017	0.092	**0.0001**	179	**0.0005**	0.003	0.00015	66.7	**6**	**0.0005**	0.0001	369	0.001		244	**5**	0.2	0.001	0.005	18.9	0.076
14-Mar-06	172	0.011		**0.0002**	0.002	0.097	**0.0001**	210	**0.0005**	0.003	0.00016	69.5	**6**	**0.0005**	0.0001	485	**0.001**		273	**5**	0.2	0.0011	0.005	21.2	0.078
26-May-06		0.0896		0.00155	0.00311	0.0249	**0.0005**		**0.0005**	**0.01**	0.000566	32.6		**0.0005**	0.00023		0.00343		122		0.276	0.0237	**0.005**	9.09	0.0730
31-Jul-06		0.143		**0.0002**	0.0018	0.068	**0.0001**		**0.0005**	0.005	0.00035	51.1		**0.0005**	0.0006		0.003				0.1	0.001	0.006	14.6	0.06
26-Feb-07		0.028		**0.0002**	0.002	0.094	**0.0001**		**0.0005**	0.003	0.00026	68.9		**0.0005**	0.0002	521	**0.001**				0.2	0.0013	0.005	22.1	0.099
Summary statistics																									
n	21	15	7	11	11	18	18	10	14	12	11	18	12	11	11	48	11	0	18	11	45	11	11	18	45
mean	132	0.12	0.032	0.002	0.006	0.06	0.0003	158	0.005	0.010	0.00033	56	6	0.00055	0.0004	339	0.0021	-	214	5	0.32	0.005	0.0054	16	0.11
standard deviation (S.D.)	36	0.16	0.023	0.006	0.011	0.03	0.0003	30	0.008	0.018	0.00020	18	0	0.00015	0.0003	127	0.0013	-	64	0	0.29	0.007	0.0010	5	0.10
mean - 3 S.D.	24	-0.35	-0.035	-0.016	-0.029	-0.01	-0.0006	69	-0.020	-0.043	-0.00028	3	6	0.00009	-0.0006	-43	-0.0019	-	22	5	-0.54	-0.016	0.0023	1	-0.19
mean + 3 S.D.	241	0.59	0.100	0.020	0.040	0.14	0.0011	247	0.030	0.063	0.00093	108	6	0.00100	0.0014	720	0.0061	-	407	5	1.19	0.025	0.0084	31	0.40

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.18: Water quality parameters for station KV4, United Keno Hill, 1994 - 2007[1].

Paramer	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
27-Jan-94						7.7															4				
24-Feb-94						7.6															8				
28-Mar-94						7.6															4				
23-Apr-94						7.9															8				
1-Jun-94						7.8															8				
27-Jun-94						7.9															4				
29-Jul-94						7.9															8				
17-Aug-94						8															1				
29-Sep-94						7.7															1				
31-Oct-94						7.7															1			0.062	
29-Nov-94						7.49															1			0.064	
5-Jan-95						7.83																		0.048	
9-Feb-95																									
29-Mar-95						7.2															12			0.058	
12-Apr-95		0.01	0.02	0.127	0.005				0.06	2.58	0.01	2.8	0.216	177.7				0.06	0.002		10		0.01	0.026	
27-Apr-95			0.002			8.5															4			0.23	
3-May-95			0.002			8.17															8			0.29	
16-May-95		0.005	0.003	0.2	2	7.9			0.02	1.69	0.001	1.24	0.1	77.3				0.01	0.003		11		0.003	0.198	
6-Jul-95						7.79																		0.5	
11-Jul-95			0.005																		5			0.028	
3-Aug-95		0.005	0.004	0.2	2	8.1			0.02	1.4	0.001	1.36	0.12	69.5				0.01	0.001		5		0.002	0.025	
11-Aug-95			0.02			7.72																		0.082	
4-Sep-95			0.004			8.1															1			0.028	
11-Oct-95			0.002			7.17															1			0.094	
5-Nov-95			0.004			7.39															1			0.04	
12-Dec-95			0.004			7.06															4			0.038	
1-Jan-96			0.002			7.76															1			0.03	
9-Feb-96			0.002			7.28															3			0.034	
5-Mar-96			0.008			7.17															1			0.03	
7-Apr-96			0.002			8.1															4			0.032	
28-Apr-96			0.002			7.16															4			0.04	
24-Jun-96			0.006			7.64															14			0.054	
18-Jul-96			0.004			7.66																		0.19	
2-Aug-96			0.01			7.63															1			0.6	
16-Sep-96			0.01			7.82															36			0.09	
27-Mar-97			0.01			6.92															16			0.01	
30-Jun-97			0.01			7.8								55.6							5			0.02	
10-Oct-97			0.01			7.2								63.1							5			0.01	
15-Jan-98			0.02			7.5								88							5			0.07	
1-Feb-98			0.01			7.3								91.8							18			0.23	
13-Mar-98			0.01			7.5								92.6							8			0.06	
12-Apr-98			0.04			6.9								109							5			0.02	
13-May-98			0.01			7.7								41							8			0.09	
8-Nov-01																									
3-Feb-01	0.0001	0.00063	0.004	0.119	0.002		0.03	0.5	0.0004	3.3	0.00006	2.2	0.209	30.4	29.3	0.001			0.00017		1		0.00003	0.034	
10-Jul-01		0.01	0.007	0.024	0.002	7.9	0.06	1	0.02	1.6	0.002		0.107	58.6	14.3			0.006						0.003	0.067	
2-Aug-03		0.01	0.003	0.05	0.5	8.08	0.06	0.4	0.02	1.7	0.002	1.5	0.172	70.2	23.4	0.006		0.006	0.001		1	0.07	0.006	0.025	0.006
24-Jan-04						7.14																			
17-Jun-04		0.01	0.007				0.06	1	0.1	1.9	0.002	1.24	0.162	58.9	14.4		0.006	0.01	0.004		8	0.07	0.001	0.066	0.006
30-Jul-04		0.001	0.0084	0.05	0.1	7.94		0.5	0.0005	2.54	0.0003	1.7	0.153	72.3	24.4	0.00005		0.001	0.0048		2	0.0008	0.0004	0.08	0.001
24-Aug-04		0.01	0.003			8.9	0.14	2	0.1	1.7	0.002	1.46	0.23	70.4	23.8			0.01	0.004		2	0.07	0.001	0.141	0.006
27-Feb-05		0.001	0.0022			7.14		0.5	0.0003	3.21	0.0001	2.8	0.234	94.7	30.8	0.00005		0.001	0.0015		2	0.001	0.001	0.031	0.001
19-Jul-05		0.001	0.0052	0.03	0.03	7.88		0.4	0.0004	2.11	0.0001	1.4	0.185		22.2	0.00005		0.001	0.0013		4	0.0008	0.0002	0.025	0.001
22-Aug-05		0.001	0.004	0.03	0.03	7.44		0.4	0.0007	2.24	0.0001	1.4	0.18		26	0.00005		0.001	0.0016		2	0.0008	0.0002	0.038	0.001
27-Oct-05		0.001	0.0081	0.04	0.04	7.89		0.6	0.0006	2.31	0.0001	1.9	0.238		27.1	0.00005		0.001	0.0034		2	0.0008	0.0004	0.064	0.001
25-Jan-06		0.001	0.005			7.16		0.7	0.0005	2.97	0.0001	2.7	0.244	94	30.4	0.00005		0.001	0.002		2	0.0011	0.0001	0.038	0.001
14-Mar-06		0.001	0.0035			7.27		0.8	0.0005	3.5	0.0001	2.8	0.228	104	31.9	0.00005		0.001	0.0021		2	0.001	0.0002	0.037	0.001
26-May-06		0.000250	0.00243	0.001	0.0075		0.3	2	0.001	1.34	0.000250	2	0.0777	37.7		0.0001		0.0001	0.01		93.2	0.000251	0.001	0.0623	
31-Jul-06		0.001	0.0087					0.4	0.0005	1.69	0.0001	1.6	0.201		25.3	0.00005		0.001	0.0619			0.0005	0.0002	0.031	0.001
26-Feb-07		0.001	0.0095			7.62		0.8	0.0003	3.35	0.0001	2.8	0.263		32.2	0.00005		0.001	0.002			0.0008	0.0001	0.058	0.001
Summary statistics																									
n	1	18	11	11	11	52	6	15	11	18	11	17	18	6	14	10	1	11	17	0	50	11	11	48	12
mean	0.0001	0.004	0.005	0.08	0.4	7.6	0.11	0.8	0.010	2.3	0.0003	1.9	0.18	79	25	0.00006	0.006	0.0017	0.006	-	7	0.007	0.0004	0.09	0.0023
standard deviation (S.D.)	-	0.004	0.003	0.07	0.8	0.4	0.10	0.5	0.030	0.7	0.0006	0.6	0.05	24	6	0.00002	-	0.0028	0.015	-	14	0.021	0.0004	0.12	0.0023
mean - 3 S.D.	-	-0.008	-0.003	-0.13	-1.9	6.5	-0.19	-0.8	-0.080	0.1	-0.0014	0.1	0.02	6	8	0.00001	-	-0.0065	-0.037	-	-34	-0.056	-0.0007	-0.26	-0.0045
mean + 3 S.D.	-	0.016	0.014	0.29	2.8	8.8	0.41	2.4	0.100	4.4	0.0020	3.8	0.35	151	43	0.00010	-	0.0100	0.050	-	49	0.070	0.0016	0.43	0.0090

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.19: Water quality parameters for station KV5, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total		Total	Total	Total	Total		Total	Total		Total	Total	as $CaCO_3$		Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
6-Jul-94	120	0.03		0.02	0.02	0.0671	0.0002		0.02		0.0005	49.9		0.001	0.001	331	0.003				0.237	0.01	0.002	14.8	
29-Jul-94	114	0.05		0.02	0.02	0.0638	0.0002		0.02		0.0005	47.7		0.001	0.001	292	0.002				0.16	0.001	0.004	13.6	0.04
26-Oct-94	135	0.02		0.02	0.02	0.0679	0.0002		0.02		0.0005	52.8		0.001	0.001	318	0.005		135		0.263	0.01	0.003	15	0.072
12-Jul-95	110	0.04		0.02	0.02	0.0601	0.0002		0.02		0.0005	44.7		0.001	0.001	295	0.011		110		0.074	0.01	0.002	13.5	0.041
10-Jul-01	90	0.21		0.02	0.02	0.0398	0.0006				0.0006	30	6	0.001	0.001	274	0.012				0.369	0.006		8.07	0.0743
2-Aug-03	115	0.08	0.05	0.02	0.02	0.0576	0.0006	140	0.02		0.0006	45.4	6	0.001	0.001		0.012		185	5	0.11	0.006	0.006	15.3	0.0396
24-Jan-04																522									
20-May-04	49	0.04		0.02	0.04	0.0275	0.0006	60	0.02		0.0006	19.7	6	0.001	0.001	408	0.004		71	5	0.167	0.011	0.007	5.21	0.0035
14-Jun-04	102	0.06		0.02	0.04	0.053	0.0006	124	0.02		0.0006	42.9	6	0.001	0.001		0.03		156	5	0.024	0.011	0.007	12	0.0573
30-Jul-04	98	0.616	0.05	0.0015	0.004	0.061	0.0001	119	0.0005	0.049	0.00026	44.5	6	0.0005	0.0004		0.004		170	5	0.3	0.0028	0.006	13.5	0.072
24-Aug-04	121	0.06		0.02	0.04	0.0567	0.0006	148	0.02		0.0006	47.5	6	0.001	0.001	300	0.002		212	5	0.195	0.01	0.007	13.3	0.133
22-Sep-04	134	0.017		0.0002	0.0032	0.067	0.0001	163	0.0005	0.002	0.00008	0.0005	6	0.0001	0.006	429			210	5		0.0004	0.004		
22-Oct-04	147	0.023		0.0005	0.0035	0.076	0.0001	179	0.0005	0.003	0.00014	58.6	6	0.0005	0.0002	449	0.003		203	5	0.2	0.002	0.005	19	0.076
30-Nov-04	154	0.014		0.0024	0.003	0.081	0.0001	188	0.0005	0.002	0.00013	57.1	6	0.0005	0.0001	474	0.002		197	5	0.2	0.0018	0.004	17.9	0.072
25-Jan-05	180	0.008		0.0002	0.003	0.101	0.0001	219	0.0005	0.005	0.00014	68.2	6	0.0005	0.0001	535	0.001		262	5	0.2	0.0006	0.004	21.9	0.066
26-Feb-05	173	0.01		0.0002	0.0027	0.094	0.0001	211	0.0005	0.009	0.00009		6	0.0005	0.0001	522	0.009		251	5	0.2	0.0008	0.004		
20-Apr-05	169	0.005		0.0002	0.0037	0.097	0.0001	206	0.0005	0.003	0.00003	63.9	6	0.0005	0.0001		0.001		237	5	0.3	0.0008	0.006	19.1	0.1
26-May-05	42	0.658		0.0006	0.0063	0.037	0.0001	51	0.0005	0.002	0.00004	19.6	6	0.0012	0.0006		0.003		72	5	1.4	0.0016	0.003	5.5	0.043
29-Jun-05	106	0.116		0.0002	0.0028	0.058	0.0001	129	0.0005	0.002	0.00015	41.8	6	0.0005	0.0002	304	0.002		161	5	0.2	0.0026	0.004	12.6	0.06
19-Jul-05	130	0.107	0.008	0.0002	0.0039	0.061	0.0001	159	0.0005	0.004	0.00017	44.9	6	0.0005	0.0002	307	0.002		176	5	0.2	0.0016	0.005	13.3	0.054
22-Aug-05	127	0.068	0.002	0.0002	0.0041	0.059	0.0001	154	0.0005	0.002	0.00018	51.2	6	0.0005	0.0002	359	0.002		196	5	0.2	0.0017	0.004	15.3	0.058
21-Sep-05																429									
27-Oct-05	134	0.097	0.018	0.0002	0.0039	0.062	0.0001	163	0.0005	0.003	0.0002	53.9	6	0.0005	0.0006	405	0.002			5	0.3	0.0013	0.005	15.1	0.078
28-Nov-05	140	0.035		0.0002	0.003	0.075	0.0001	171	0.0005	0.003	0.00013	59.6	6	0.0005	0.0001	435	0.001		223	5	0.2	0.0017	0.006	17	0.092
13-Dec-05	148	0.034		0.0002	0.0034	0.075	0.0001	180	0.0005	0.005	0.00018	63.2	6	0.0005	0.0001	445	0.003		223	5	0.2	0.0012	0.007	18.3	0.091
24-Jan-06	160	0.018		0.0002	0.004	0.098	0.0001	195	0.0005	0.004	0.00012	60.8	6	0.0005	0.0001	372	0.001		235	5	0.2	0.001	0.004	17.3	0.069
22-Feb-06	159	0.012		0.0002	0.003	0.086	0.0001	194	0.0005	0.003	0.00018	65.7	6	0.0005	0.0001	405	0.001		263	5	0.2	0.0009	0.004	17.5	0.166
14-Mar-06	172	0.027		0.0002	0.0039	0.103	0.0001	209	0.0005	0.005	0.00016	72.8	6	0.0005	0.0003	468	0.003		268	5	0.3	0.0043	0.005	22	0.09
26-Apr-06	165	0.009		0.0002	0.0035	0.086	0.0001	201	0.0005	0.003	0.00008	65.3	6	0.0005	0.0001	341	0.001		237	5	0.2	0.0008	0.004	18.3	0.053
26-May-06	66	0.397		0.0005	0.0046	0.04	0.0001	80	0.0005	0.002	0.00034	24.3	6	0.0006	0.0006		0.003		86	5	0.8	0.008	0.002	6.3	0.086
31-Jul-06		0.136		0.0002	0.003	0.069	0.0001		0.0005	0.006	0.00017	50.1		0.0005	0.0004		0.002				0.2	0.001	0.005	14.3	0.05
26-Feb-07		0.016		0.0002	0.0028	0.098	0.0001		0.0005	0.004	0.00016	68.7		0.0005	0.0001	471	0.001				0.2	0.0009	0.004	21.7	0.083
Summary statistics																									
n	28	30	5	22	22	30	30	23	29	21	22	29	24	22	22	25	21	0	24	23	29	22	22	28	27
mean	127	0.10	0.026	0.001	0.005	0.07	0.00020	158	0.006	0.006	0.00017	49	6	0.0005	0.0005	396	0.0023	-	189	5	0.3	0.0022	0.0046	15	0.07
standard deviation (S.D.)	36	0.17	0.023	0.004	0.008	0.02	0.00019	47	0.009	0.010	0.00012	17	0	0.0002	0.0012	80	0.0018	-	59	0	0.3	0.0024	0.0012	5	0.03
mean - 3 S.D.	19	-0.40	-0.043	-0.011	-0.018	0.01	-0.00036	17	-0.021	-0.024	-0.00018	-2	6	-0.0001	-0.0032	155	-0.0030	-	11	5	-0.5	-0.0050	0.0010	1	-0.02
mean + 3 S.D.	235	0.60	0.095	0.014	0.029	0.13	0.00076	300	0.032	0.036	0.00052	99	6	0.0012	0.0043	636	0.0076	-	367	5	1.0	0.0094	0.0083	29	0.16

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.19: Water quality parameters for station KV5, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
6-Jul-94		**0.005**	0.003			8.18		0.5	**0.02**	1.98	**0.001**	2.04	0.18		19.7			**0.01**	**0.001**		**5**		**0.002**	0.013	**0.001**
29-Jul-94		**0.005**	0.003	0.5	1	8.23		0.4	0.001	1.75	0.0001	1.64	0.18	53.8	21.9			**0.01**	**0.001**		5		0.004	0.01	**0.001**
26-Oct-94		**0.005**	0.004			7.4		0.4	**0.02**	2.4	**0.001**	2.09	0.19		18.4			**0.01**	0.002		**5**		0.004	0.022	**0.001**
12-Jul-95		**0.005**	0.003			8.34		0.5	**0.02**	1.82	**0.001**	1.87	0.18	60.4				**0.01**	**0.001**		**5**		**0.002**	0.01	**0.001**
10-Jul-01		0.01	0.007	0.032	0.002	8	0.06	0.3	**0.02**	1.5	0.002		0.108	52.3	12.7			0.006			17		0.004	0.057	
2-Aug-03		**0.01**	0.003	**0.05**	**0.5**	8.33	**0.06**	0.3	**0.02**	1.7	**0.002**	1.58	0.174	64.6	21.1	**0.006**		**0.006**	**0.001**		**1**	**0.07**	0.006	0.017	**0.006**
24-Jan-04						7.15																			
20-May-04		**0.01**	**0.002**			7.71	**0.06**	**1**	**0.1**	1.1	**0.002**	0.55	0.057	16	5.5		**0.005**	**0.01**	**0.004**		26	**0.06**	**0.001**	0.037	**0.005**
14-Jun-04		**0.01**	0.003				**0.06**	**1**	**0.1**	1.6	**0.002**	1.22	0.165	51.8	13.2		**0.005**	**0.01**	**0.004**		156	**0.06**	**0.001**	0.028	**0.005**
30-Jul-04		**0.001**	0.0066	**0.05**	**0.1**	8.22		0.5	0.0005	2.4	0.0003	1.6	0.159	67.1	20.5	**0.00005**		**0.001**	0.0036		4	0.0008	0.0004	0.067	**0.001**
24-Aug-04		**0.01**	0.002			8.9	0.27	1.3	**0.1**	1.6	**0.002**	1.3	0.223	78.5	21.1			**0.01**	**0.004**		**2**	**0.07**	**0.001**	0.104	**0.006**
22-Sep-04		**0.001**	0.0038			7.81			0.0005	1.91	**0.0001**		0.209	70.9	23.6	**0.00005**		**0.001**	0.0026		1	0.0008	0.0006	0.02	
22-Oct-04		**0.001**	0.006			8.45		0.7	0.0004	2.22	**0.0001**	2.2	0.231	72.4	23.9	**0.00005**		**0.001**	0.002		**1**	0.001	0.0006	0.025	**0.001**
30-Nov-04		**0.001**	0.0035			7.4		0.6	0.0003	2.3	0.0009	2.5	0.259	76.4	24.9	**0.00005**		**0.001**	0.0016		**2**	0.001	0.0005	0.036	**0.001**
25-Jan-05		0.001	0.0035			7.28		0.7	**0.0002**	3.39	0.0001	3.2	0.231	89.4	28.8	**0.00005**		**0.001**	0.0018		**1**	0.001	0.0002	0.026	**0.001**
26-Feb-05		0.001	0.0024			7.15			0.0003	3.44	**0.0001**	3	0.253	89.4	30	**0.00005**		**0.001**	0.0014		**2**	0.0011	0.001	0.026	**0.001**
20-Apr-05		**0.001**	0.002					0.7	0.0003	3.4	**0.0001**	3	0.245	75	25	**0.00005**		**0.001**	0.002		**2**	0.001	0.0001	0.03	**0.001**
26-May-05		**0.001**	0.0024					0.6	**0.0002**	4.29	0.0002	0.9	0.096	22	8.5	**0.00005**		**0.001**	0.0207		36	**0.0005**	0.0017	0.012	0.002
29-Jun-05		**0.001**	0.0051			7.99		**0.4**	0.0003	2.05	**0.0001**	1.2	0.189	50	17.4	**0.00005**		**0.001**	0.0021		**2**	0.0006	0.0003	0.019	**0.001**
19-Jul-05		**0.001**	0.0045	0.03	0.03			**0.4**	0.0004	2.18	**0.0001**	1.4	0.193		18.5	**0.00005**		**0.001**	0.002		4	0.0008	0.0004	0.019	**0.001**
22-Aug-05		**0.001**	0.0035	**0.03**	**0.03**	8.17		**0.4**	0.0005	2.25	**0.0001**	1.4	0.182		21.5	**0.00005**		**0.001**	0.0016		**3**	0.0009	0.0002	0.059	**0.001**
21-Sep-05						7.81																			
27-Oct-05		**0.001**	0.0069	0.05	0.05	7.91		0.6	0.0005	2.34	**0.0001**	1.8	0.234		22.4	**0.00005**		**0.001**	0.0026		4	0.0008	0.0004	0.049	**0.001**
28-Nov-05		**0.001**	0.0047			7.02		0.5	0.0003	2.76	**0.0001**	2.4	0.23	80	25	**0.00005**		**0.001**	0.002		**2**	0.001	0.0001	0.038	**0.001**
13-Dec-05		**0.001**	0.0054			7.54		0.7	0.0005	3.01	**0.0001**	2.5	0.25	87	26.7	**0.00005**		**0.001**	0.002		**2**	0.0009	0.0001	0.042	**0.001**
24-Jan-06		**0.001**	0.0037			7.81		0.7	0.0006	3.01	**0.0001**	2.7	0.253	110	25.7	**0.00005**		**0.001**	0.0019		**2**	0.0011	0.0001	0.032	**0.001**
22-Feb-06		**0.001**	0.0023			7.07		0.7	0.0007	3.21	**0.0001**	2.6	0.215	90	27.6	**0.00005**		**0.001**	0.0014		3	0.0009	0.0001	0.035	**0.001**
14-Mar-06		**0.001**	0.0034			7.69		0.8	0.0006	3.93	**0.0001**	3.1	0.262	95	30.9	**0.00005**		**0.001**	0.0026		**2**	0.0011	0.0003	0.039	**0.001**
26-Apr-06		0.001	0.0028			7.15		0.8	0.0007	3.25	**0.0001**	2.6	0.237	87	28.1	**0.00005**		**0.001**	0.0012		**2**	0.0008	0.0002	0.022	**0.001**
26-May-06		**0.001**	0.0046	**0.03**	0.04			0.6	0.0004	1.95	0.0001	1.1	0.086	27.5	8.4	**0.00005**		**0.001**	0.0117		20	**0.0005**	0.0011	0.046	**0.001**
31-Jul-06		**0.001**	0.0068					0.4	0.0005	1.8	**0.0001**	1.6	0.202		21.8	**0.00005**		**0.001**	0.0517			0.0006	0.0002	0.022	**0.001**
26-Feb-07		0.001	0.0073			7.71		0.8	0.0004	3.56	**0.0001**	2.9	0.273		29.6	**0.00005**		**0.001**	0.002			0.0008	**0.0001**	0.044	**0.001**
Summary statistics																									
n	0	30	22	8	8	26	5	28	22	30	22	28	30	17	29	21	2	22	29	0	28	22	22	30	28
mean	-	0.003	0.0042	0.10	0.2	7.8	0.10	0.6	0.005	2.5	0.0002	2.0	0.20	75	21	0.00005	0.005	0.0014	0.005	-	11	0.004	0.0004	0.034	0.0017
standard deviation (S.D.)	-	0.003	0.0017	0.16	0.4	0.5	0.09	0.2	0.021	0.8	0.0004	0.7	0.05	23	7	0.00	-	0.0019	0.010	-	30	0.015	0.0004	0.020	0.0016
mean - 3 S.D.	-	-0.007	-0.0008	-0.39	-0.8	6.3	-0.18	-0.1	-0.059	0.1	-0.0011	-0.2	0.03	6	2	0.00005	-	-0.0043	-0.025	-	-77	-0.040	-0.0008	-0.026	-0.0032
mean + 3 S.D.	-	0.013	0.0093	0.59	1.3	9.3	0.38	1.3	0.069	4.9	0.0015	4.2	0.36	143	41	0.00005	-	0.0072	0.034	-	100	0.048	0.0017	0.093	0.0065

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.20: Water quality parameters for station KV15, United Keno Hill, 1994 - 2007 [1].

Parameter	Alkalinity -T	Aluminum	Ammonia-N	Antimony	Arsenic	Barium	Beryllium	Bicarbonate	Bismuth	Boron	Cadmium	Calcium	Carbonate	Chromium	Cobalt	Conductivity	Copper	Cyanide	Hardness	Hydroxide	Iron	Lead	Lithium	Magnesium	Manganese
	as $CaCO_3$	Total	Total	Total	Total	Total	Total	water	Total	Total	Total	Total	water	Total	Total		Total	Total	as $CaCO_3$	water	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
13-Mar-98	194			0.05	0.05						0.002					450	0.01		241		1	0.05			0.15
12-May-98	46			0.05	0.05						0.001					120	0.01		63		4	0.05			0.11
24-Apr-04	170	**0.01**		**0.02**	**0.04**	0.104	**0.0006**	207	**0.02**		**0.0006**	33.3	**6**	**0.001**	**0.001**	408	**0.001**		241	**5**	0.54	**0.01**	**0.007**	11.5	0.103
15-Jun-04	81	0.09		**0.02**	**0.04**	0.0408	**0.0006**	99	**0.02**		**0.0006**	33	**6**	**0.001**	**0.001**		0.009		123	**5**	0.198	0.022	**0.007**	10.3	0.0113
30-Jul-04	92	0.184	**0.05**	0.0005	0.0041	0.056	**0.0001**	113	**0.0005**	0.029	0.00003	38.8	**6**	**0.0005**	0.0003		0.002		148	**5**	0.3	0.0011	0.006	11.5	0.03
26-Jan-05	170	0.012		0.0002	0.002	0.093	**0.0001**	207	**0.0005**	0.003	0.00016	68.5	**6**	**0.0005**	0.0002		**0.001**		268	**5**	0.2	0.0049	0.005	22.1	0.075
26-Feb-05	163	0.013		**0.0002**	0.0019	0.088	**0.0001**	198	0.0009	0.003	0.00014		**6**	**0.0005**	**0.0001**		**0.001**		248	**5**	0.2	0.0006	0.005		
21-Mar-05	178	0.01		**0.0002**	0.0044	0.11	**0.0001**	216	**0.0005**	0.004	0.00012	64.7	**6**	**0.0005**	**0.0001**	504	0.001		252	**5**	0.4	0.0008	0.005	20	0.086
20-Apr-05	169	0.005		**0.0002**	0.0037	0.097	**0.0001**	206	**0.0005**	0.003	0.00003	63.9	**6**	**0.0005**	**0.0001**	470	**0.001**		237	**5**	0.3	0.0008	0.006	19.1	0.1
26-May-05	42	0.658		0.0006	0.0063	0.037	**0.0001**	51	**0.0005**	0.002	0.00004	19.6	**6**	0.0012	0.0006		0.003		72	**5**	1.4	0.0016	0.003	5.5	0.043
29-Jun-05	109	0.051		0.0003	0.0037	0.06	**0.0001**	133	**0.0005**	**0.002**	0.0001	44.2	**6**	**0.0005**	0.0001	303	0.001		154	**5**	0.2	0.0015	0.004	13.1	0.111
19-Jul-05	130	0.062	0.009	0.0004	0.0045	0.058	**0.0001**	159	**0.0005**	0.006	0.00006	40.7	**6**	**0.0005**	**0.0001**	290	0.001		165	**5**	0.2	0.001	0.005	12.2	0.054
23-Aug-05	134	0.018		0.0003	0.0217	0.054	**0.0001**	164	**0.0005**	**0.002**	0.00003	48.2	**6**	**0.0005**	0.0001		0.001		182	**5**	0.3	0.0002	0.002	12.7	0.024
21-Sep-05	148	0.074	0.05	0.0003	0.0232	0.053	**0.0001**	**6**	**0.0005**	0.002	0.00002	48	**5**	**0.0005**	0.0001		0.001		178	40	0.4	0.0002	0.002	12.8	0.035
26-Oct-05																									
31-Jul-06		0.081		0.0002	0.0043	0.077	**0.0001**		**0.0005**	0.006	0.00011	49		**0.0005**	0.0001		0.002				0.3	0.0017	0.005	13.6	0.057
26-Feb-07		0.021		0.0002	0.0065	0.116	**0.0001**		**0.0005**	0.004	0.00023	66.8		**0.0005**	0.0002	485	0.002				0.6	0.0034	0.005	20.1	0.193
Summary statistics																									
n	14	14	3	12	12	14	14	12	14	12	12	13	12	12	12	8	12	0	14	12	16	12	12	13	15
mean	130	0.09	0.04	0.00030	0.007	0.07	0.00017	147	0.003	0.006	0.00009	48	5.9	0.0006	0.00018	379	0.0014	-	184	8	0.7	0.0015	0.0044	14	0.08
standard deviation (S.D.)	49	0.17	0.02	0.00013	0.007	0.03	0.00018	68	0.007	0.008	0.00007	15	0.3	0.0002	0.00015	132	0.0007	-	67	10	1.0	0.0014	0.0014	5	0.05
mean - 3 S.D.	-18	-0.42	-0.03	-0.00010	-0.015	0.00	-0.00037	-58	-0.018	-0.017	-0.00011	3	5.1	0.0000	-0.00027	-17	-0.0006	-	-18	-22	-2.2	-0.0026	0.0003	0	-0.07
mean + 3 S.D.	278	0.60	0.11	0.00070	0.029	0.15	0.00072	351	0.025	0.028	0.00029	93	6.8	0.0012	0.00062	774	0.0034	-	385	38	3.5	0.0056	0.0086	28	0.23

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Appendix Table A.20: Water quality parameters for station KV15, United Keno Hill, 1994 - 2007 [1].

Parameter	Mercury	Molybdenum	Nickel	Nitrate Nitrogen	Nitrite Nitrogen	pH	Phosphorus	Potassium	Selenium	Silicon	Silver	Sodium	Strontium	Sulphate	Sulphur	Thallium	Thorium	Tin	Titanium	Total Dissolved Soilds	Total Suspended Solids	Uranium	Vanadium	Zinc	Zirconium
	Total	Total	Total				Total	Total	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total	Dissolved	Total	Total	Total	Total	Total
Units	mg/L	mg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample Date																									
13-Mar-98			0.01			7.50								71.6							52			0.05	
12-May-98			0.02			7.10								18							77			0.01	
24-Apr-04		**0.01**	**0.002**			7.71	**0.06**	**1**	**0.1**	3.7	**0.002**	1.99	0.256	80.1	27.8			**0.01**	**0.004**		**3**	**0.07**	**0.001**	0.055	**0.006**
15-Jun-04		**0.01**	**0.002**				**0.06**	**1**	**0.1**	3.7	**0.002**	1.5	0.169	44	11.1	**0.006**		0.011	**0.004**		2	**0.07**	**0.001**	0.003	**0.006**
30-Jul-04		**0.001**	0.0022	**0.05**	**0.1**			0.8	0.0005	3.24	0.0003	1.6	0.176	51.4	16	**0.00005**		**0.001**	0.0049		100	0.0008	0.0004	0.018	**0.001**
26-Jan-05		0.001	0.0049					0.9	**0.0002**	3.2	0.0001	3.2	0.227	99.9	31.6	**0.00005**		**0.001**	0.002		**1**	0.0009	**0.0001**	0.038	**0.001**
26-Feb-05		**0.001**	0.0035						0.0005	3.17	**0.0001**	2.7	0.238	89.8	30.4	**0.00005**		**0.001**	0.0021		**2**	0.001	0.0014	0.03	**0.001**
21-Mar-05		0.001	0.002			9.07		0.6	0.0004	3.8	**0.0001**	3	0.273	76	25	**0.00005**		**0.001**	0.001		**2**	0.0009	0.0002	0.017	**0.001**
20-Apr-05		**0.001**	0.002			7.9		0.7	0.0003	3.4	**0.0001**	3	0.245	75	25	**0.00005**		**0.001**	0.002		**2**	0.001	0.0001	0.03	**0.001**
26-May-05		**0.001**	0.0024					0.6	**0.0002**	4.29	0.0002	0.9	0.096	22	8.5	**0.00005**		**0.001**	0.0207		36	**0.0005**	0.0017	0.012	0.002
29-Jun-05		**0.001**	0.0029			7.9		0.5	0.0003	2.67	**0.0001**	1.4	0.194	52	18.5	**0.00005**		**0.001**	0.0011		**2**	0.0007	0.0002	0.012	**0.001**
19-Jul-05		**0.001**	0.0025	0.03	0.03	7.91		0.6	0.0003	2.99	**0.0001**	1.4	0.2		17.6	**0.00005**		**0.001**	0.0015		**2**	0.0008	0.0003	0.009	**0.001**
23-Aug-05		**0.001**	0.0014					0.4	0.0002	2.24	**0.0001**	1.4	0.194	40	13.2	**0.00005**		**0.001**	0.0014		4	0.0006	0.0002	0.003	**0.001**
21-Sep-05		**0.001**	0.0014					**0.4**	**0.0002**	2.68	**0.0001**	1.4	0.178		12.6	**0.00005**		**0.001**	0.0035		8	0.0008	0.0004	0.003	**0.001**
26-Oct-05																									
31-Jul-06		**0.001**	0.0052					**0.4**	0.0005	1.84	**0.0001**	1.7	0.203		19.8	**0.00005**		**0.001**	0.0496			0.0005	0.0002	0.014	**0.001**
26-Feb-07		0.001	0.0054			7.66		0.8	0.0004	3.84	**0.0001**	2.8	0.272		25.4	**0.00005**		**0.001**	0.0018			0.0007	**0.0001**	0.035	**0.001**
Summary statistics																									
n	0	14	12	2	2	8	2	13	12	14	12	14	14	8	14	12	0	12	14	0	14	12	12	16	14
mean	-	0.002	0.0030	0.04	0.065	7.8	0.06	0.7	0.00033	3.2	0.00013	2.0	0.21	63	20	0.00005	-	0.001	0.007	-	21	0.0008	0.0004	0.021	0.0018
standard deviation (S.D.)	-	0.003	0.0014	-	-	0.6	-	0.2	0.00012	0.7	0.00006	0.8	0.05	26	7	0	-	0	0.013	-	33	0.0002	0.0005	0.017	0.0018
mean - 3 S.D.	-	-0.008	-0.0013	-	-	6.1	-	0.0	-0.00004	1.2	-0.00006	-0.3	0.07	-16	-2	0.00005	-	0.001	-0.033	-	-77	0.0002	-0.0012	-0.029	-0.0036
mean + 3 S.D.	-	0.012	0.0073	-	-	9.5	-	1.3	0.00070	5.2	0.00031	4.3	0.35	142	42	0.00005	-	0.001	0.047	-	119	0.0013	0.0020	0.071	0.0072

RED Values that are less than the method detection limit

Values that are greater than 3 standard deviations away from the mean (i.e. outliers)

Values that are not greater than 3 standard deviations away from the mean but could be considered outliers (e.g. 2 orders of magnitude or more away from the mean)

Values that are less than the method detection limit but above both guideline and background or above either guideline or background if only one available

Values that are assumed to be less than the method detection limit but are above both guideline and background or above either guideline or background if only one available

[1] summary statistics for antimony, arsenic, cadmium, chromium, cobalt, copper, lead, lithium, nickel, selenium, silver, sulphate, thallium, tin, uranium, and vanadium are for data from July 20, 2004 - 2007.

Table A.21: Summary Statistics for Reference Station KV1, 1994 - 2007.

Parameter	n	mean	median	stdev	min	max
Alkalinity -T	50	116	114	33	50	195
Aluminum	47	0.232	0.111	0.303	0.005	1.270
Ammonia-N	6	0.0292	0.0320	0.0231	0.0030	0.0500
Antimony	34	0.0002	0.0002	0.0001	0.0002	0.0005
Arsenic	36	0.0026	0.0014	0.0064	0.0002	0.0400
Barium	49	0.0594	0.0551	0.0200	0.0019	0.1220
Beryllium	48	0.0002	0.0001	0.0002	0.0001	0.0006
Bicarbonate	31	148	153	38	61	205
Bismuth	34	0.0005	0.0005	0.0002	0.0001	0.0010
Boron	35	0.0046	0.0030	0.0060	0.0005	0.0340
Cadmium	36	0.0004	0.0002	0.0007	0.0000	0.0040
Calcium	45	47	45	13	20	89
Carbonate	32	6	6	0	6	6
Chromium	36	0.0007	0.0005	0.0005	0.0005	0.0030
Cobalt	36	0.0012	0.0006	0.0014	0.0001	0.0053
Conductivity	73	330	345	102	118	590
Copper	36	0.0038	0.0025	0.0031	0.0010	0.0150
Cyanide	1	0.0120	0.0120	-	0.0120	0.0120
Hardness	34	188	205	49	72	255
Hydroxide	31	5	5	0	5	5
Iron	64	0.33	0.20	0.28	0.01	1.00
Lead	36	0.0009	0.0003	0.0019	0.0001	0.0100
Lithium	34	0.0055	0.0050	0.0017	0.0020	0.0120
Magnesium	46	15.4	14.5	4.9	5.4	31.9
Manganese	63	0.0880	0.0630	0.0562	0.0144	0.2800
Mercury	1	0.0002	0.0002	-	0.0002	0.0002
Molybdenum	49	0.0031	0.0010	0.0035	0.0010	0.0100
Nickel	36	0.0123	0.0086	0.0083	0.0040	0.0316
Nitrate Nitrogen	9	0.084	0.030	0.157	0.010	0.500
Nitrite Nitrogen	9	0.2580	0.0300	0.4220	0.0020	1.0
pH	62	7.8	7.8	0.3	7.0	8.4
Phosphorus	10	0.078	0.060	0.040	0.060	0.180
Potassium	39	0.6	0.5	0.3	0.2	1.5
Selenium	35	0.0005	0.0004	0.0002	0.0002	0.0010
Silicon	48	2.37	2.11	0.88	0.25	5.08
Silver	49	0.0006	0.0001	0.0007	0.0001	0.0020
Sodium	45	2.0	1.7	0.9	0.8	3.8
Strontium	47	0.2063	0.2120	0.0512	0.0710	0.3030
Sulphate	20	71	73	20	23	103
Sulphur	47	22.9	22.6	7.7	7.1	49.8
Thallium	36	0.0002	0.0001	0.0010	0.0001	0.0060
Thorium	4	0.006	0.006	0	0.006	0.006
Tin	48	0.0034	0.0010	0.0037	0.0010	0.0100
Titanium	47	0.0092	0.0025	0.0174	0.0010	0.0820
TDS	19	188	196	30	127	225
TSS	62	9.0	5.0	12.2	1.0	54.0
Uranium	32	0.0008	0.0008	0.0002	0.0005	0.0014
Vanadium	35	0.0006	0.0003	0.0008	0.0001	0.0035
Zinc	77	0.0563	0.0370	0.0619	0.0010	0.3600
Zirconium	46	0.0019	0.0010	0.0019	0.0010	0.0060

Table A.22: Summary Statistics for Reference Station KV37, 1994 - 2007.

Parameter	n	mean	median	stdev	min	max
Alkalinity -T	11	43	31	26	17	103
Aluminum	12	0.033	0.022	0.024	0.010	0.072
Ammonia-N	4	0.026	0.03	0.02771281	0.002	0.05
Antimony	13	0.0011	0.0002	0.0018	0.0001	0.0050
Arsenic	9	0.0032	0.0030	0.0008	0.0022	0.0050
Barium	11	0.0548	0.0540	0.0088	0.0429	0.0680
Beryllium	11	0.0003	0.0001	0.0003	0.0001	0.0010
Bicarbonate	9	34	38	13	6	47
Bismuth	9	0.0005	0.0005	0	0.0005	0.0005
Boron	19	0.0036	0	0.004	0.001	0.01
Cadmium	9	0.00002	0	0.00001	0.00001	0.00005
Calcium	11	16.2	16.6	2.3	10.6	19.0
Carbonate	7	10	6	11	6	34
Chromium	9	0.0005	0.0005	0	0.0005	0.0005
Cobalt	9	0.00012	0	0.00005	0.0001	0.00024
Conductivity	27	187	130	113	70	515
Copper	9	0.0011	0.0010	0.0004	0.0010	0.0022
Cyanide	0	-	-	-	-	-
Hardness	8	52	53	7	36	58
Hydroxide	7	5	5	0	5	5
Iron	20	0.068	0.050	0.048	0.005	0.200
Lead	9	0.0003	0.0004	0.0003	0.0001	0.0009
Lithium	9	0.0014	0.0010	0.0013	0.0010	0.0050
Magnesium	22	1.5	1.2	1.6	0.008	3.7
Manganese	11	0.010	0.010	0.005	0.005	0.021
Mercury	0	-	-	-	-	-
Molybdenum	23	0.0050	0.0020	0.0045	0.0001	0.0100
Nickel	9	0.0006	0.0005	0.0002	0.0005	0.0012
Nitrate Nitrogen	6	0.0253	0.0300	0.0174	0.0010	0.0500
Nitrite Nitrogen	6	0.0505	0.0340	0.0399	0.0050	0.1000
pH	17	7.6	7.6	0.4	6.8	8.2
Phosphorus	2	0.18	0.18	0.17	0.06	0.30
Potassium	10	0.36	0.40	0.10	0.10	0.40
Selenium	8	0.0004	0.0004	0.0001	0.0003	0.0005
Silicon	11	2.79	2.50	0.84	1.72	3.94
Silver	10	0.00029	0.00010	0.00060	0.00003	0.00200
Sodium	11	0.80	0.60	0.45	0.40	2.00
Strontium	11	0.06	0.06	0.01	0.04	0.07
Sulphate	5	20.8	22.7	4.1	15.1	24.8
Sulphur	10	7.9	7.8	1.1	6.6	10.0
Thallium	10	0.00065	0.00	0.00187986	0.00005	0.006
Thorium	0	-	-	-	-	-
Tin	10	0.0014	0.0010	0.0016	0.0001	0.0060
Titanium	10	0.0033	0.0010	0.0045	0.0006	0.0132
TDS	3	181	60	214	56	428
TSS	15	3.3	2.0	3.7	0	15.2
Uranium	9	0.0005	0.0005	0.0001	0.0001	0.0005
Vanadium	9	0.0003	0.0002	0.0003	0.0001	0.0010
Zinc	11	0.0046	0.0040	0.0031	0.0010	0.0100
Zirconium	9	0.0016	0.0010	0.0017	0.0010	0.0060

Table A.23: Summary Statistics for Reference Stations (KV1 & KV37) Pooled Data, 1994 - 2007.

Parameter	n	mean	median	stdev	min	max
Alkalinity -T	61	103	103	43	17	195
Aluminum	59	0.192	0.072	0.282	0.005	1.270
Ammonia-N	10	0.028	0.032	0.024	0.002	0.050
Antimony	47	0.0005	0.0002	0.0010	0.0001	0.0050
Arsenic	45	0.0027	0.0015	0.0058	0.0002	0.0400
Barium	60	0.0586	0.0540	0.0185	0.0019	0.1220
Beryllium	59	0.0002	0.0001	0.0002	0.0001	0.0010
Bicarbonate	40	122	135	59	6	205
Bismuth	43	0.00053	0.00050	0.00014	0.00010	0.00100
Boron	54	0.0042	0.0030	0.0053	0.0005	0.0340
Cadmium	45	0.00030	0.00012	0.00061	0.00001	0.00400
Calcium	56	41	42	17	11	89
Carbonate	39	6.7	6.0	4.5	6.0	34.0
Chromium	45	0.0006	0.0005	0.0004	0.0005	0.0030
Cobalt	45	0.0010	0.0004	0.0013	0.0001	0.0053
Conductivity	100	292	290	122	70	590
Copper	45	0.0033	0.0020	0.0030	0.0010	0.0150
Cyanide	1	0.0120	0.0120	-	0.0120	0.0120
Hardness	42	162	180	70	36	255
Hydroxide	38	5	5	0	5	5
Iron	84	0.270	0.200	0.268	0.005	1
Lead	45	0.0008	0.0003	0.0017	0.0001	0.01
Lithium	43	0.0046	0.0050	0.0023	0.0010	0.0120
Magnesium	68	10.9	12.3	7.7	0.008	31.9
Manganese	74	0.076	0.057	0.059	0.005	0.280
Mercury	1	0.0002	0.0002	-	0.0002	0.0002
Molybdenum	72	0.0037	0.0010	0.0039	0.0001	0.0100
Nickel	45	0.0099	0.0070	0.0088	0.0005	0.0316
Nitrate Nitrogen	15	0.060	0.030	0.123	0.001	0.500
Nitrite Nitrogen	15	0.175	0.030	0.337	0.002	1
pH	79	7.7	7.7	0.4	6.8	8.4
Phosphorus	12	0.10	0.06	0.07	0.06	0.30
Potassium	49	0.56	0.40	0.29	0.10	1.50
Selenium	43	0.0005	0.0004	0.0002	0.0002	0.0010
Silicon	59	2.45	2.36	0.88	0.25	5.08
Silver	59	0.0005	0.0001	0.0007	0.0000	0.0020
Sodium	56	1.7	1.5	0.9	0.4	3.8
Strontium	58	0.178	0.189	0.075	0.039	0.303
Sulphate	25	61	69	27	15	103
Sulphur	57	20	20	9	7	50
Thallium	46	0.0003	0.0001	0.0012	0.0001	0.0060
Thorium	4	0.006	0.006	0	0.006	0.006
Tin	58	0.0030	0.0010	0.0035	0.0001	0.0100
Titanium	57	0.0081	0.0024	0.0161	0.0006	0.0820
TDS	22	187	191	72	56	428
TSS	77	7.8987	4.0000	11.3079	0.0000	54.0000
Uranium	41	0.0007	0.0007	0.0002	0.0001	0.0014
Vanadium	44	0.0005	0.0003	0.0007	0.0001	0.0035
Zinc	88	0.050	0.030	0.060	0.001	0.360
Zirconium	55	0.0019	0.0010	0.0019	0.0010	0.0060

Table A.24: Total Alkalinity (mg/L $CaCO_3$) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, < Background	% > DL, < Background	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	1	47	47	-	47	47	0
KV40	0	0	2	38	38	5	34	41	0
KV38	0	0	7	39	36	6	34	49	0
KV41	0	7	15	50	52	10	29	64	0
KV6	0	0	39	125	130	26	47	171	0
KV16	0	0	29	134	138	18	90	167	0
KV29	0	11	28	101	100	69	10	383	0
KV30	0	0	29	129	136	30	41	164	0
KV7	0	0	44	137	145	28	56	169	0
KV8	0	0	32	132	145	37	24	173	0
KV21	0	0	2	134	134	21	119	148	0
KV47	0	0	12	172	199	73	43	268	0
KV9	0	0	21	165	173	51	67	234	0
KV2	0	0	44	127	123	32	58	188	0
KV3	0	0	21	119	112	33	47	175	0
KV4	0	0	21	132	130	36	73	205	0
KV5	0	0	28	127	132	36	42	180	0
KV15	0	0	14	130	141	49	42	194	0

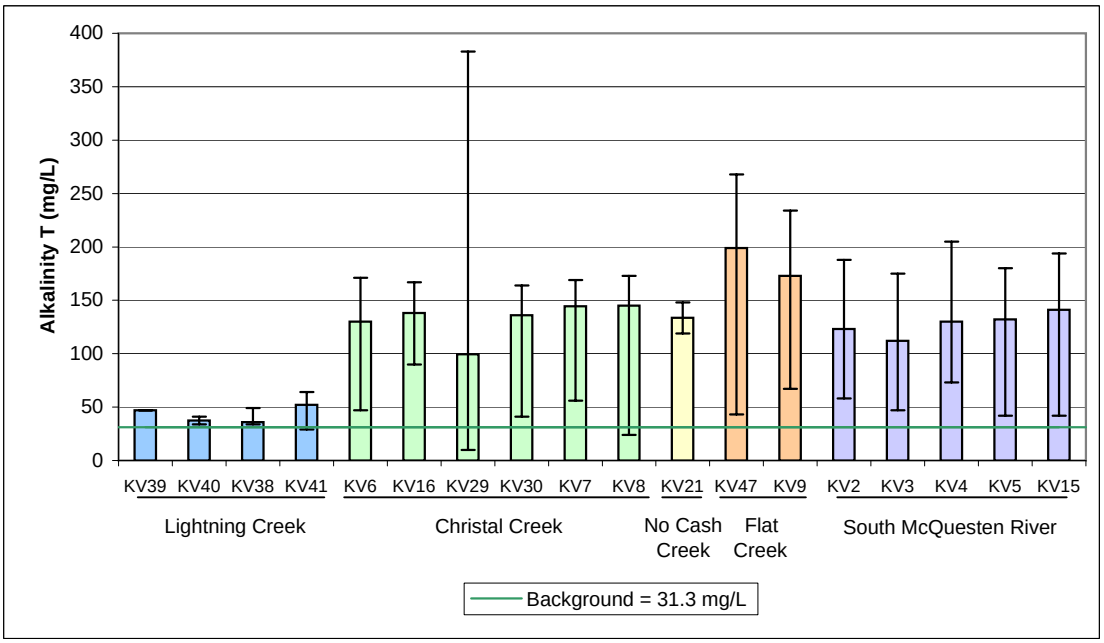


Figure A.1: Alkalinity (mg/L CaCO3) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.25: Aluminum (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > CWQG	% > DL, > CWQG	% >Background, >CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.013	0.013	0.008	0.008	0.02	0
KV40	0	0	0	2	0.009	0.009	0.001	0.008	0.01	1
KV38	0	0	0	10	0.022	0.011	0.027	0.005	0.09	4
KV41	0	43	29	14	0.390	0.087	0.543	0.019	1.80	0
KV6	0	24	2	46	0.089	0.019	0.158	0.005	0.76	12
KV16	0	39	10	41	0.218	0.070	0.361	0.005	1.55	4
KV29	0	51	27	41	1.156	0.111	2.859	0.007	15.3	3
KV30	0	45	18	40	0.331	0.070	0.532	0.008	2.15	1
KV7	0	20	5	41	0.096	0.029	0.190	0.008	0.87	4
KV8	0	22	0	37	0.074	0.014	0.126	0.005	0.61	7
KV21	0	100	50	2	5.092	5.092	6.941	0.184	10.0	0
KV47	0	67	33	9	0.518	0.490	0.468	0.009	1.28	1
KV9	0	0	0	16	0.013	0.010	0.009	0.005	0.03	7
KV2	0	31	0	36	0.088	0.048	0.099	0.010	0.39	3
KV3	0	35	0	20	0.086	0.065	0.079	0.010	0.32	0
KV4	0	36	0	14	0.080	0.085	0.058	0.006	0.18	0
KV5	0	18	0	28	0.062	0.035	0.081	0.005	0.40	0
KV15	0	8	0	13	0.049	0.021	0.051	0.005	0.18	1

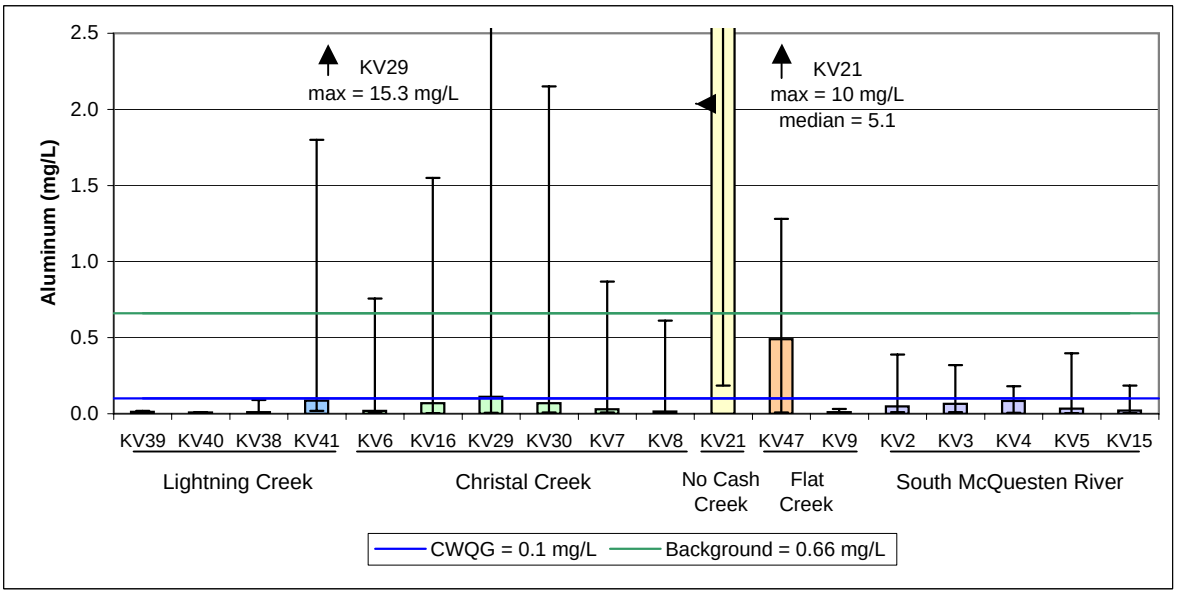


Figure A.2: Aluminum (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.26: Ammonia (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > CWQG	% > DL, > CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	1	0.003	0.003	-	0.003	0.003	0
KV40	0	0	2	0.026	0.026	0.034	0.002	0.050	2
KV38	0	0	4	0.026	0.027	0.027	0.002	0.050	3
KV41	0	0	6	0.030	0.036	0.023	0.002	0.050	4
KV6	0	0	7	0.032	0.050	0.022	0.004	0.050	3
KV16	0	0	3	0.031	0.025	0.016	0.019	0.050	0
KV29	0	0	2	0.058	0.058	0.046	0.025	0.090	0
KV30	0	0	3	0.031	0.025	0.017	0.017	0.050	0
KV7	0	0	7	0.030	0.050	0.025	0.002	0.050	5
KV8	0	0	6	0.027	0.029	0.025	0.002	0.050	4
KV21	0	0	2	0.029	0.029	0.030	0.007	0.050	1
KV47	0	0	2	0.085	0.085	0.036	0.059	0.110	0
KV9	0	0	9	0.032	0.050	0.023	0.002	0.050	6
KV2	0	0	7	0.032	0.050	0.023	0.002	0.050	4
KV3	0	0	5	0.033	0.050	0.024	0.003	0.050	3
KV4	0	0	7	0.032	0.050	0.023	0.002	0.050	5
KV5	0	0	5	0.026	0.018	0.023	0.002	0.050	2
KV15	0	0	3	0.036	0.050	0.024	0.009	0.050	1

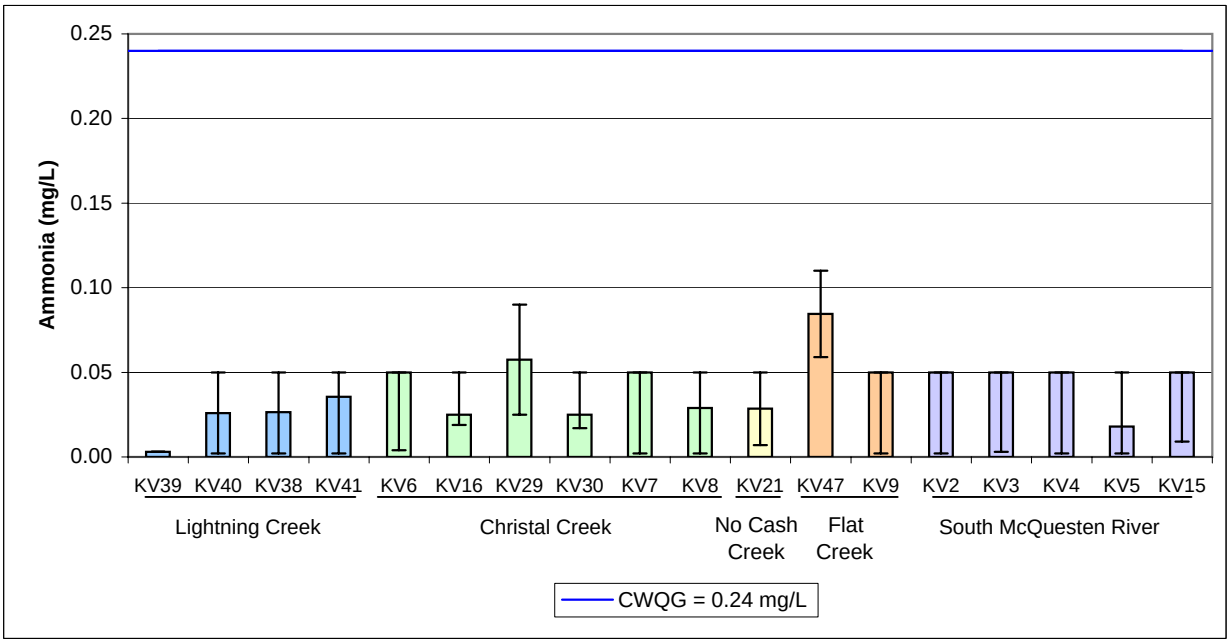


Figure A.3: Ammonia (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.27: Antimony (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004-2007.

Station	% < DL, > PWQO	% > DL, > PWQO	% >Background, >PWQO	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.00182	0.00182	0.00011	0.0017	0.0019	0
KV40	0	0	0	1	0.0002	0.0002	-	0.0002	0.0002	1
KV38	0	0	0	9	0.00036	0.0003	0.00025	0.0002	0.001	1
KV41	0	0	0	10	0.00034	0.00025	0.00018	0.0002	0.0007	0
KV6	0	0	0	35	0.00073	0.0004	0.00098	0.0002	0.005	6
KV16	0	0	0	35	0.00063	0.0003	0.00164	0.0002	0.01	8
KV29	0	0	0	35	0.00079	0.0002	0.00186	0.0002	0.01	23
KV30	0	0	0	34	0.00107	0.0003	0.00344	0.0002	0.02	6
KV7	0	0	0	36	0.00061	0.00025	0.0012	0.0002	0.006	11
KV8	0	0	0	33	0.00057	0.0004	0.00089	0.0002	0.0054	2
KV21	0	0	0	1	0.0016	0.0016	-	0.0016	0.0016	0
KV47	0	0	0	3	0.00169	0.0006	0.00206	0.0004	0.00406	0
KV9	0	0	0	11	0.00078	0.0006	0.00049	0.0002	0.00191	1
KV2	0	0	0	25	0.0002	0.0002	0.00002	0.0001	0.0002	23
KV3	0	0	0	11	0.00024	0.0002	0.0001	0.0002	0.0004	9
KV4	0	0	0	11	0.00215	0.0002	0.00593	0.0002	0.02	6
KV5	0	0	0	21	0.00041	0.0002	0.00054	0.0002	0.0024	15
KV15	0	0	0	12	0.0003	0.00025	0.00013	0.0002	0.0006	3

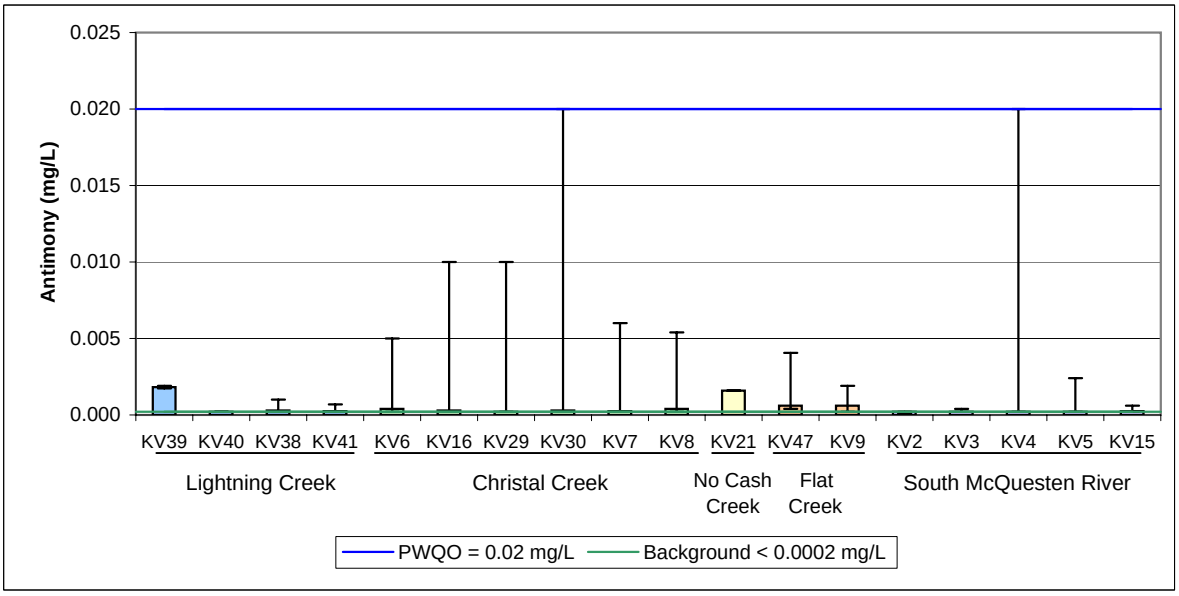


Figure A.4: Antimony (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004-2007.

Table A.28: Arsenic (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004-2007.

Station	% < DL, > CWQG	% > DL, > CWQG	% >Background, >CWQG	n	mean	median	stdev	min	max	n<MDL
KV39	0	100	100	2	0.00918	0.00918	0.0001	0.0091	0.0093	0
KV40	0	0	0	1	0.0009	0.0009	-	0.0009	0.0009	0
KV38	0	0	0	9	0.00287	0.0029	0.0006	0.002	0.0039	0
KV41	0	30	30	10	0.00796	0.00294	0.0105	0.002	0.029	0
KV6	0	31	31	35	0.00535	0.0033	0.0051	0.0002	0.0261	1
KV16	0	29	29	34	0.00451	0.00345	0.0037	0.0004	0.0198	1
KV29	0	26	26	34	0.00504	0.001	0.0118	0.0002	0.0668	2
KV30	0	32	32	34	0.00473	0.00325	0.004	0.0002	0.0196	1
KV7	0	14	14	36	0.00341	0.002	0.0035	0.0002	0.015	2
KV8	0	6	6	33	0.00292	0.0026	0.0019	0.0014	0.0114	1
KV21	0	0	0	1	0.0048	0.0048	-	0.0048	0.0048	0
KV47	0	67	67	3	0.00693	0.0051	0.0059	0.0022	0.0135	0
KV9	0	0	0	11	0.00201	0.002	0.0013	0.0006	0.0037	0
KV2	0	0	0	25	0.00171	0.0017	0.0003	0.001	0.0023	0
KV3	0	0	0	11	0.00214	0.0021	0.0003	0.0017	0.0027	0
KV4	0	0	0	10	0.00213	0.00205	0.0004	0.0017	0.0031	0
KV5	0	5	5	21	0.00359	0.0035	0.0008	0.0027	0.0063	0
KV15	0	33	33	12	0.00719	0.00435	0.0073	0.0019	0.0232	0

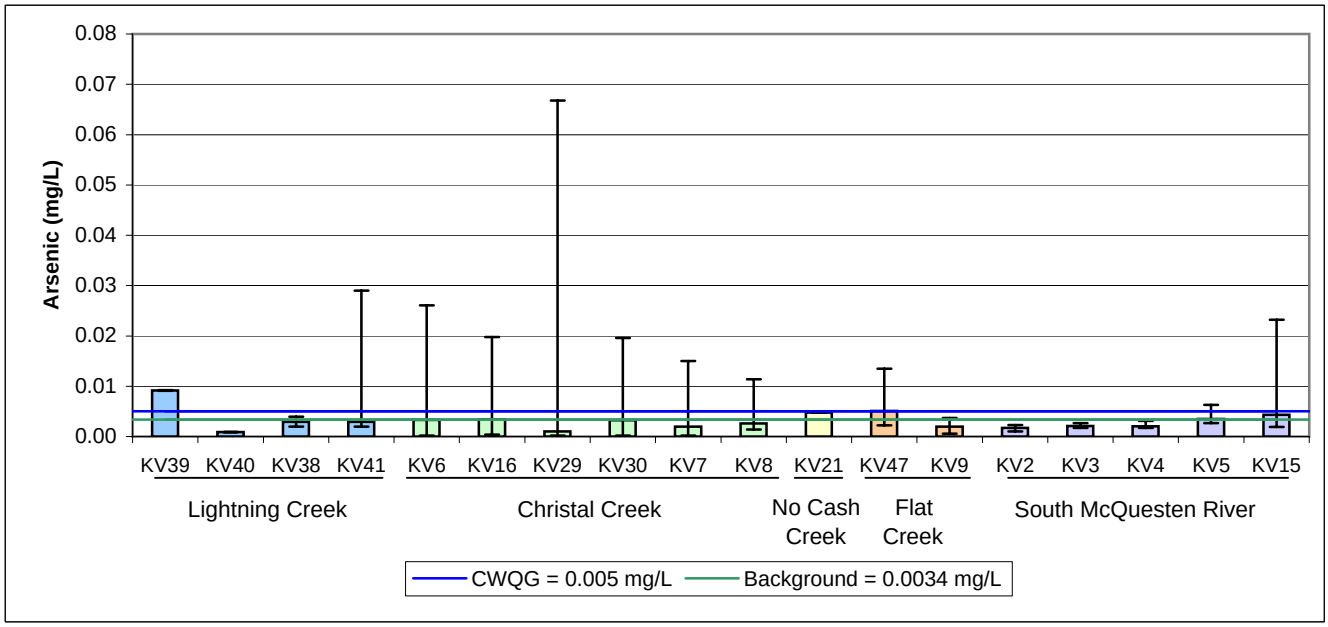


Figure A.5: Arsenic (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.29: Barium (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > BCWQG	% > DL, > BCWQG	% >Background, >BCWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.041	0.041	0.006	0.036	0.045	0
KV40	0	0	0	2	0.359	0.359	0.417	0.064	0.654	0
KV38	0	0	0	10	0.054	0.055	0.007	0.039	0.060	0
KV41	0	0	0	14	0.059	0.058	0.012	0.040	0.091	0
KV6	0	0	0	48	0.062	0.065	0.016	0.002	0.095	0
KV16	0	0	0	42	0.065	0.063	0.017	0.002	0.124	0
KV29	0	0	0	42	0.049	0.033	0.061	0.001	0.353	0
KV30	0	0	0	41	0.067	0.065	0.015	0.037	0.113	0
KV7	0	0	0	51	0.055	0.055	0.013	0.001	0.092	0
KV8	0	0	0	38	0.051	0.053	0.010	0.023	0.069	0
KV21	0	0	0	2	0.028	0.028	0.013	0.019	0.037	0
KV47	0	0	0	9	0.052	0.046	0.017	0.037	0.094	0
KV9	0	0	0	18	0.063	0.065	0.034	0.016	0.110	0
KV2	0	0	0	39	0.061	0.061	0.026	0.000	0.096	3
KV3	0	0	0	21	0.066	0.061	0.017	0.040	0.099	0
KV4	0	0	0	18	0.064	0.060	0.026	0.025	0.120	0
KV5	0	0	0	30	0.069	0.067	0.020	0.028	0.103	0
KV15	0	0	0	14	0.075	0.069	0.027	0.037	0.116	0

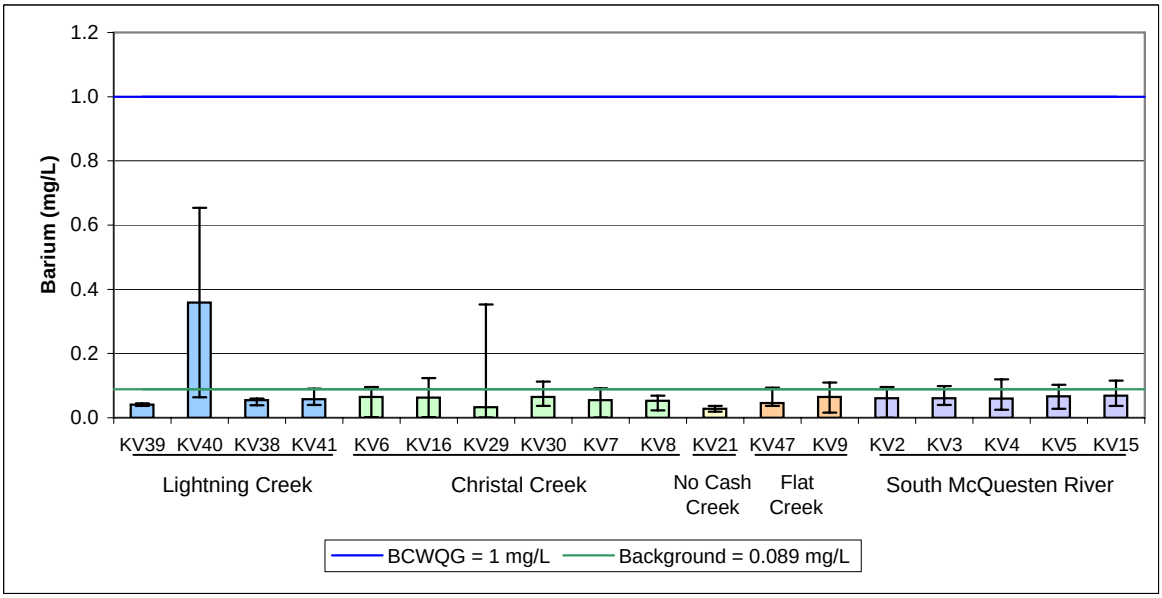


Figure A.6: Barium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.30: Beryllium (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > BCWQG	% > DL, > BCWQG	% >Background, >BCWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.0003	0.0003	0.0003	0.0001	0.0005	2
KV40	0	0	0	2	0.0004	0.0004	0.0004	0.0001	0.0006	2
KV38	0	0	0	10	0.0002	0.0001	0.0002	0.0001	0.0006	10
KV41	0	0	0	14	0.0003	0.0001	0.0003	0.0000	0.0010	12
KV6	0	0	0	49	0.0003	0.0001	0.0005	0.0001	0.0033	46
KV16	0	0	0	42	0.0002	0.0001	0.0002	0.0001	0.0011	39
KV29	0	2	2	42	0.0007	0.0001	0.0027	0.0001	0.0178	34
KV30	0	0	0	41	0.0003	0.0001	0.0004	0.0001	0.0022	40
KV7	0	0	0	50	0.0003	0.0001	0.0004	0.0000	0.0022	43
KV8	0	0	0	38	0.0002	0.0001	0.0002	0.0001	0.0010	38
KV21	0	0	0	2	0.0008	0.0008	0.0003	0.0006	0.0010	2
KV47	0	0	0	9	0.0004	0.0005	0.0002	0.0001	0.0006	6
KV9	0	0	0	18	0.0002	0.0001	0.0002	0.0000	0.0006	18
KV2	0	3	3	35	0.0004	0.0001	0.0011	0.0000	0.0067	34
KV3	0	0	0	21	0.0002	0.0002	0.0002	0.0000	0.0006	20
KV4	0	0	0	18	0.0003	0.0001	0.0003	0.0000	0.0010	14
KV5	0	0	0	30	0.0002	0.0001	0.0002	0.0001	0.0006	28
KV15	0	0	0	14	0.0002	0.0001	0.0002	0.0001	0.0006	14

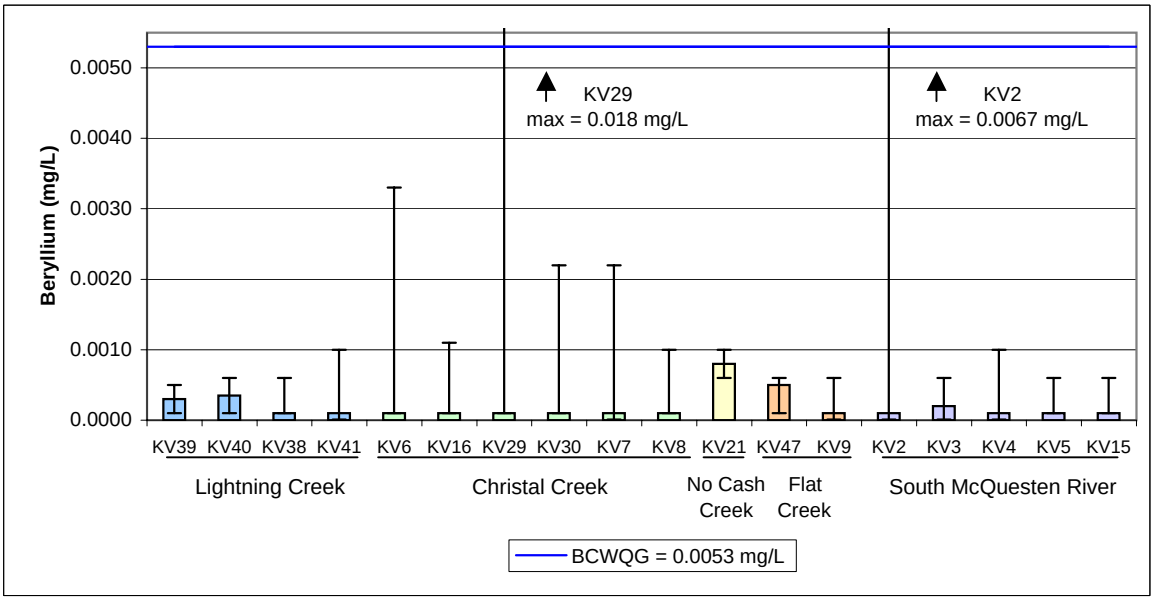


Figure A.7: Beryllium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.31: Bicarbonate (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	1	6	6	-	6	6	1
KV40	0	0	2	28	28	31	6	50	1
KV38	0	0	7	42	44	17	6	60	1
KV41	0	0	9	56	59	21	6	76	1
KV6	0	0	30	159	161	25	89	209	0
KV16	0	0	29	164	168	22	110	204	0
KV29	0	0	27	111	119	51	12	214	0
KV30	0	0	29	157	165	37	50	199	0
KV7	0	0	30	171	178	30	69	206	0
KV8	0	0	29	162	176	45	29	211	0
KV21	0	0	2	93	93	123	6	180	1
KV47	0	50	4	133	138	122	6	251	1
KV9	0	67	9	229	239	28	177	267	0
KV2	0	0	31	156	166	40	57	207	0
KV3	0	0	10	146	142	63	6	213	1
KV4	0	0	10	158	153	30	119	210	0
KV5	0	0	23	158	163	47	51	219	0
KV15	0	0	11	159	164	54	51	216	0

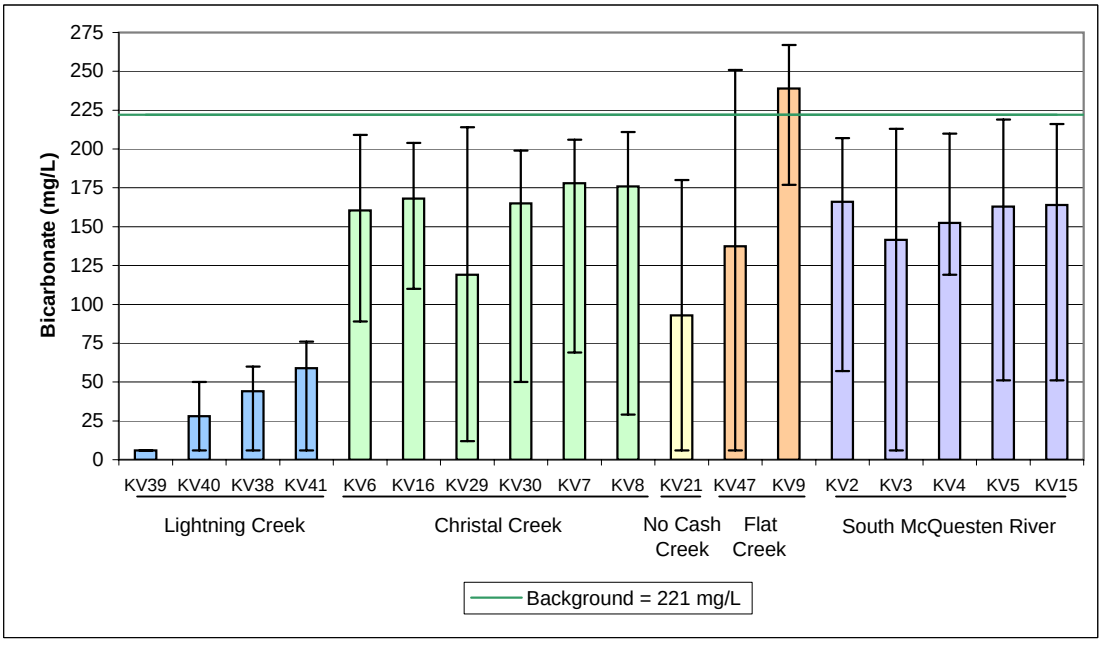


Figure A.8: Bicarbonate (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.32: Bismuth (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	na	na	2	0.0005	0.0005	0.00000	0.0005	0.0005	2
KV40	na	na	2	0.0103	0.0103	0.01379	0.0005	0.0200	2
KV38	na	na	9	0.0007	0.0005	0.00050	0.0005	0.0020	9
KV41	na	na	11	0.0005	0.0005	0.00002	0.0004	0.0005	10
KV6	na	na	35	0.0008	0.0005	0.00154	0.0001	0.0096	34
KV16	na	na	36	0.0005	0.0005	0.00013	0.0002	0.0010	35
KV29	na	na	34	0.0009	0.0005	0.00150	0.0002	0.0081	33
KV30	na	na	33	0.0005	0.0005	0.00017	0.0001	0.0010	33
KV7	na	na	36	0.0008	0.0005	0.00142	0.0001	0.0090	34
KV8	na	na	32	0.0008	0.0005	0.00138	0.0005	0.0083	31
KV21	na	na	2	0.0103	0.0103	0.01379	0.0005	0.0200	2
KV47	na	na	3	0.0007	0.0005	0.00029	0.0005	0.0010	3
KV9	na	na	12	0.0005	0.0005	0.00003	0.0004	0.0005	12
KV2	na	na	25	0.0005	0.0005	0.00008	0.0004	0.0009	23
KV3	na	na	12	0.0005	0.0005	0.00015	0.0004	0.0010	12
KV4	na	na	11	0.0005	0.0005	0.00003	0.0004	0.0005	11
KV5	na	na	21	0.0005	0.0005	0.00000	0.0005	0.0005	21
KV15	na	na	12	0.0005	0.0005	0.00012	0.0005	0.0009	11

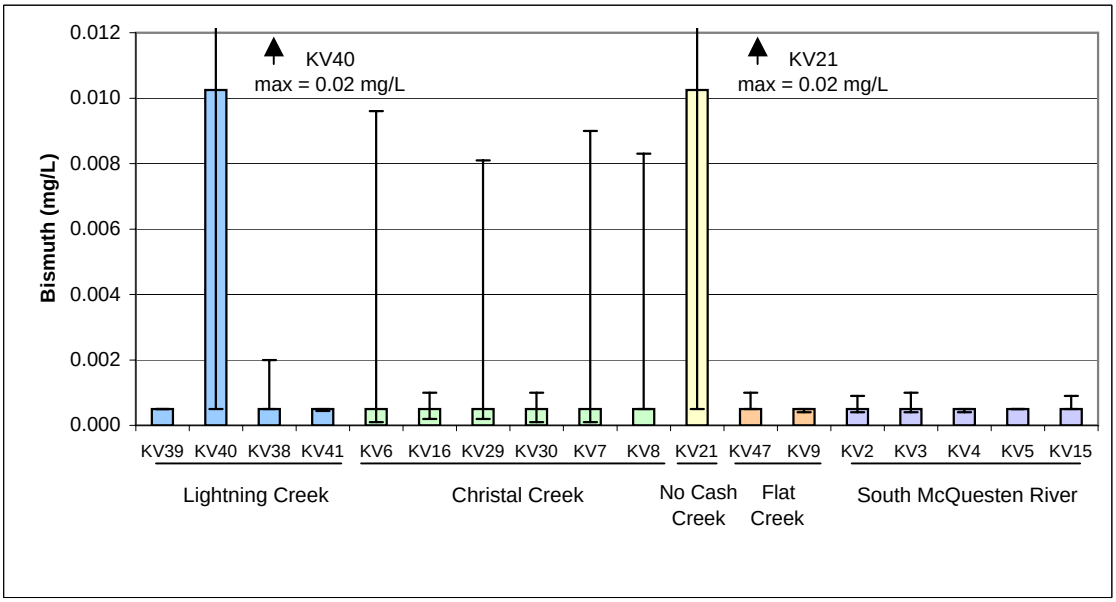


Figure A.9: Bismuth (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.33: Boron (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > PWQO	% > DL, > PWQO	% >Background, >PWQO	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.006	0.006	0.006	0.002	0.010	2
KV40	0	0	0	1	0.002	0.002	-	0.002	0.002	1
KV38	0	0	0	9	0.009	0.004	0.013	0.002	0.041	5
KV41	0	0	0	11	0.005	0.002	0.006	0.002	0.023	6
KV6	0	0	0	35	0.003	0.002	0.003	0.001	0.020	11
KV16	0	0	0	36	0.003	0.002	0.001	0.001	0.005	13
KV29	0	0	0	33	0.003	0.002	0.001	0.001	0.005	18
KV30	0	0	0	34	0.003	0.002	0.001	0.001	0.006	15
KV7	0	0	0	36	0.003	0.002	0.004	0.001	0.020	18
KV8	0	0	0	32	0.003	0.002	0.003	0.002	0.020	18
KV21	0	0	0	1	0.020	0.020	-	0.020	0.020	1
KV47	0	0	0	3	0.008	0.010	0.004	0.003	0.010	1
KV9	0	0	0	12	0.004	0.003	0.002	0.002	0.010	5
KV2	0	0	0	30	0.011	0.003	0.019	0.002	0.058	4
KV3	0	0	0	11	0.005	0.004	0.003	0.002	0.010	3
KV4	0	0	0	11	0.005	0.003	0.003	0.002	0.010	2
KV5	0	0	0	20	0.004	0.003	0.002	0.002	0.009	4
KV15	0	0	0	11	0.003	0.003	0.002	0.002	0.006	2

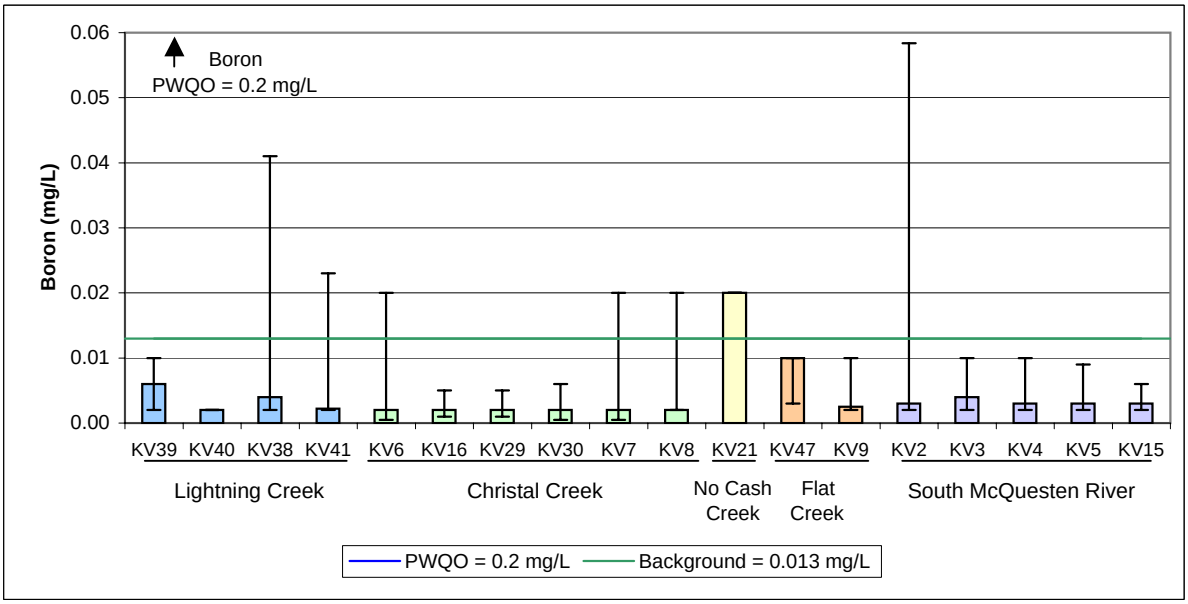


Figure A.10: Boron (mgL) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.34: Cadmium (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004-2007.

Station	% < DL, > CWGQ	% > DL, > CWGQ	% >Background, >CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	100	100	2	0.00377	0.00377	0.00037	0.00350	0.00403	0
KV40	0	0	0	1	0.00004	0.00004	0.00000	0.00004	0.00004	0
KV38	0	100	0	9	0.00024	0.00020	0.00014	0.00008	0.00048	0
KV41	0	90	0	10	0.00020	0.00016	0.00012	0.00004	0.00042	0
KV6	0	100	92	36	0.00185	0.00159	0.00128	0.00008	0.00527	0
KV16	0	100	100	35	0.00239	0.00146	0.00420	0.00071	0.02600	0
KV29	0	100	100	35	0.01570	0.00634	0.02396	0.00229	0.11900	0
KV30	0	100	100	34	0.00206	0.00153	0.00148	0.00065	0.00689	0
KV7	0	100	81	37	0.00144	0.00113	0.00101	0.00046	0.00430	0
KV8	0	100	97	34	0.00154	0.00130	0.00080	0.00060	0.00340	0
KV21	0	100	100	1	0.04780	0.04780	0.00000	0.04780	0.04780	0
KV47	0	100	100	3	0.00247	0.00255	0.00045	0.00198	0.00287	0
KV9	0	100	18	11	0.00036	0.00036	0.00020	0.00014	0.00069	0
KV2	4	96	0	25	0.00020	0.00018	0.00009	0.00009	0.00040	0
KV3	0	100	8	12	0.00029	0.00025	0.00024	0.00013	0.00100	0
KV4	0	100	9	11	0.00033	0.00027	0.00020	0.00013	0.00080	0
KV5	4	86	0	21	0.00015	0.00015	0.00007	0.00003	0.00034	0
KV15	0	58	0	12	0.00009	0.00008	0.00007	0.00002	0.00023	0

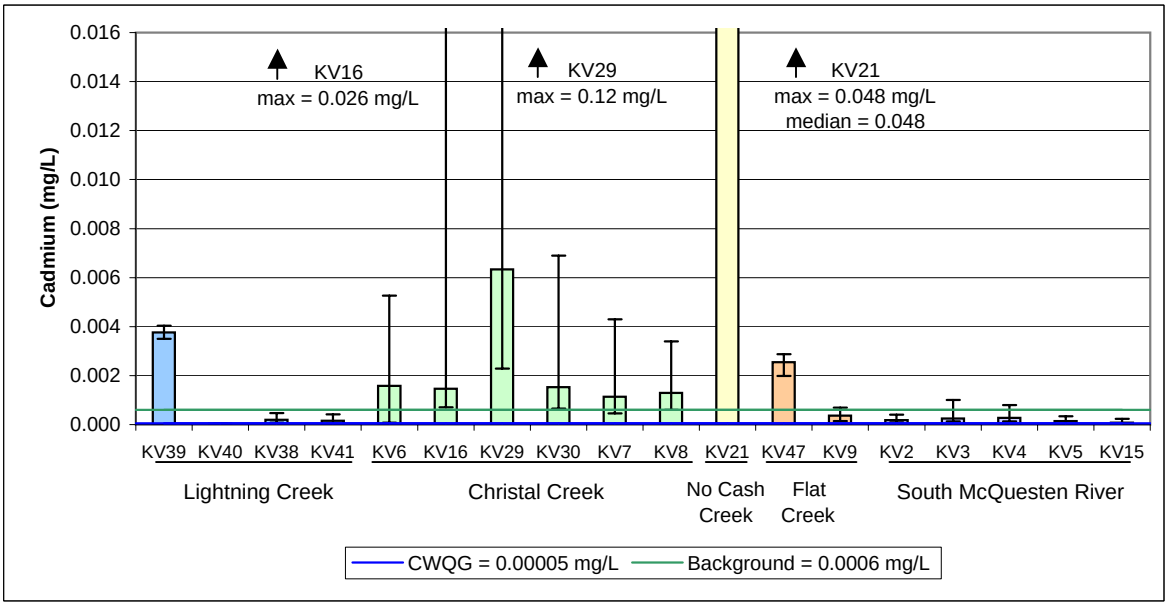


Figure A.11: Cadmium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.35: Calcium (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	2	31	31	1.3	30	32	0
KV40	0	0	2	43	43	0.7	43	44	0
KV38	0	0	10	22	23	3.2	16	26	0
KV41	0	0	14	27	25	7.3	16	37	0
KV6	0	91	46	120	120	35	37	230	0
KV16	0	100	38	154	142	53	70	321	0
KV29	0	100	40	323	325	72	133	511	0
KV30	0	97	38	142	146	30	41	202	0
KV7	0	83	48	101	110	30	25	164	0
KV8	0	81	37	98	102	34	21	167	0
KV21	0	100	2	160	160	23	144	176	0
KV47	0	56	9	100	116	58	28	176	0
KV9	0	72	18	79	89	25	36	114	0
KV2	0	8	37	50	47	14	21	80	0
KV3	0	10	21	51	49	13	26	71	0
KV4	0	6	18	56	53	18	32	107	0
KV5	0	4	28	51	51	14	20	73	0
KV15	0	0	13	48	48	15	20	69	0

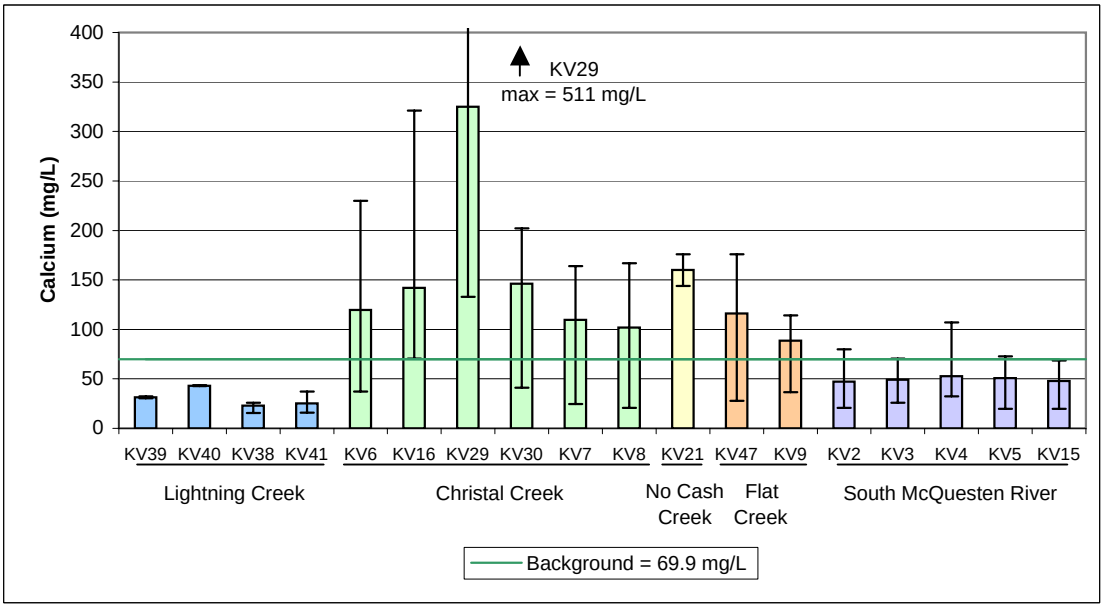


Figure A.12: Calcium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.36: Carbonate (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	na	na	1	58	58	-	58	58	0
KV40	na	na	2	24	24	25	6	41	1
KV38	na	na	6	6	6	0	6	6	6
KV41	na	na	9	6	6	0	6	6	9
KV6	na	na	32	6	6	0	6	6	31
KV16	na	na	30	6	6	0	6	6	30
KV29	na	na	28	6	6	0	6	6	27
KV30	na	na	29	6	6	0	6	6	29
KV7	na	na	33	6	6	0	6	6	31
KV8	na	na	29	6	6	0	6	6	29
KV21	na	na	2	76	76	98	6	145	1
KV47	na	na	4	6	6	0	6	6	3
KV9	na	na	11	6	6	0	6	6	11
KV2	na	na	33	6	6	0	6	6	32
KV3	na	na	11	6	6	0	6	6	11
KV4	na	na	12	6	6	0	6	6	12
KV5	na	na	24	6	6	0	6	6	23
KV15	na	na	11	6	6	0	6	6	11

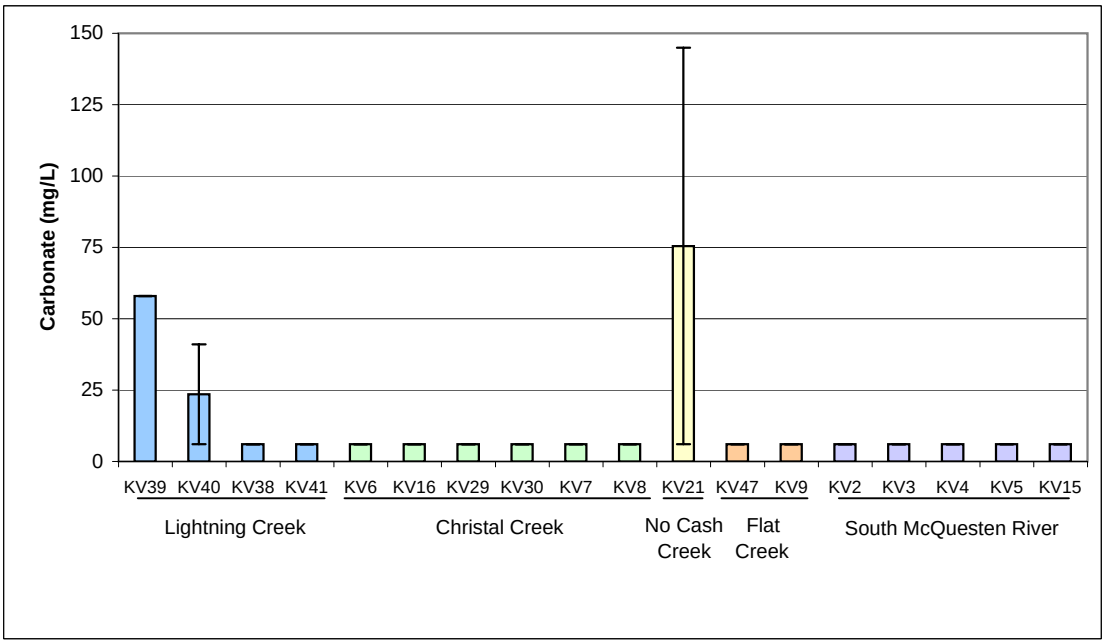


Figure A.13: Carbonate (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.37: Chromium (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004-2007.

Station	% < DL, > CWQG	% > DL, > CWQG	% >Background, >CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.0005	0.0005	0.00000	0.0005	0.0005	2
KV40	0	0	0	1	0.0005	0.0005	-	0.0005	0.0005	1
KV38	0	0	0	8	0.0005	0.0005	0	0.0005	0.0005	8
KV41	0	30	30	10	0.00107	0.0005	0.00109	0.0005	0.0038	5
KV6	0	8	8	36	0.00071	0.0005	0.00037	0.0005	0.002	22
KV16	0	19	19	36	0.00105	0.0005	0.00172	0.0005	0.0106	26
KV29	0	30	30	33	0.00139	0.0005	0.00166	0.0005	0.0065	20
KV30	0	15	15	33	0.00077	0.0005	0.00051	0.0005	0.0028	23
KV7	0	11	11	35	0.00074	0.0005	0.00053	0.0005	0.0026	27
KV8	0	6	6	33	0.00069	0.0005	0.00041	0.0005	0.0022	24
KV21	0	100	100	1	0.0024	0.0024	0.00000	0.0024	0.0024	0
KV47	0	33	33	3	0.00113	0.00089	0.00078	0.0005	0.002	1
KV9	0	0	0	11	0.00051	0.0005	3E-05	0.0005	0.0006	10
KV2	0	0	0	25	0.00053	0.0005	0.00011	0.0005	0.001	24
KV3	0	0	0	12	0.00059	0.0005	0.00019	0.0005	0.001	11
KV4	0	0	0	11	0.00055	0.0005	0.00015	0.0005	0.001	11
KV5	0	0	0	21	0.00051	0.0005	0.00014	0.0001	0.001	20
KV15	0	8	8	12	0.00056	0.0005	0.0002	0.0005	0.0012	11

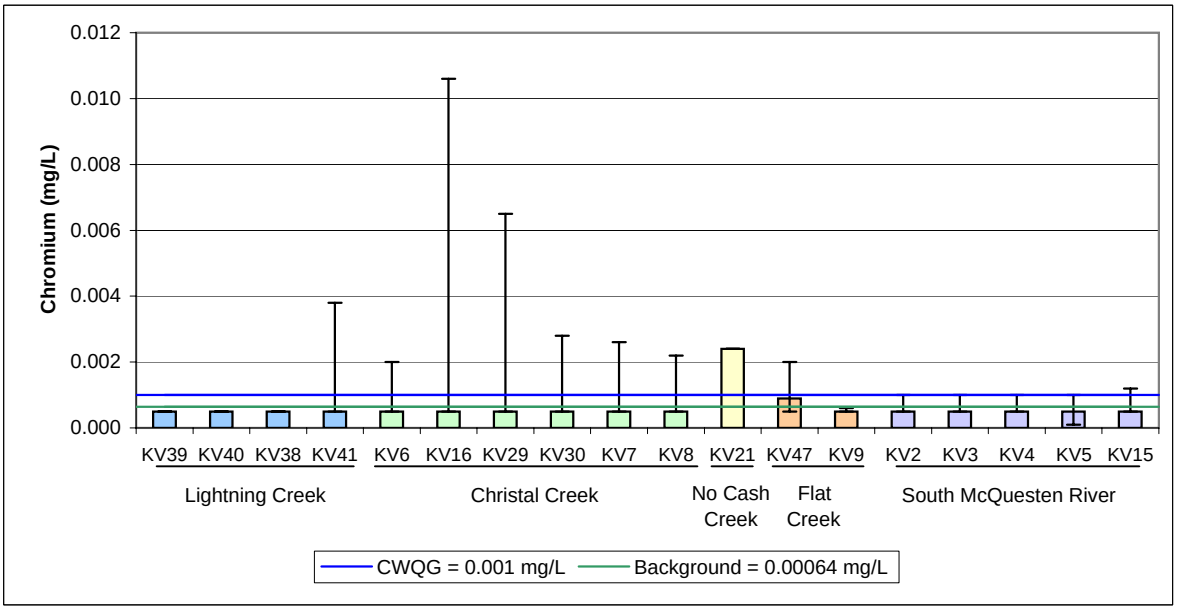


Figure A.14: Chromium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.38: Cobalt (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004-2007.

Station	% <DL, >BCWQG	% >DL, >BCWQG	% >Background, >BCWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.0001	0.0001	0.0000	0.0001	0.0001	2
KV40	0	0	0	1	0.0001	0.0001	0.0000	0.0001	0.0001	1
KV38	0	0	0	9	0.0001	0.0001	0.0001	0.0001	0.0005	7
KV41	0	0	0	10	0.0007	0.0003	0.0008	0.0001	0.0024	3
KV6	0	0	0	36	0.0005	0.0004	0.0003	0.0001	0.0014	4
KV16	0	3	3	35	0.0008	0.0006	0.0008	0.0001	0.0043	2
KV29	0	23	23	35	0.0039	0.0010	0.0083	0.0001	0.0433	9
KV30	0	0	0	34	0.0008	0.0006	0.0007	0.0002	0.0030	1
KV7	0	0	0	36	0.0004	0.0002	0.0004	0.0001	0.0020	10
KV8	0	0	0	33	0.0003	0.0002	0.0002	0.0001	0.0010	13
KV21	0	0	0	1	0.0029	0.0029	0.0000	0.0029	0.0029	0
KV47	0	0	0	3	0.0010	0.0007	0.0009	0.0003	0.0020	0
KV9	0	0	0	11	0.0001	0.0001	0.0001	0.0001	0.0004	8
KV2	0	0	0	26	0.0004	0.0002	0.0003	0.0001	0.0010	4
KV3	0	0	0	12	0.0004	0.0003	0.0003	0.0001	0.0010	2
KV4	0	0	0	11	0.0004	0.0002	0.0003	0.0001	0.0010	2
KV5	0	0	0	21	0.0003	0.0002	0.0002	0.0001	0.0010	5
KV15	0	0	0	12	0.0002	0.0001	0.0001	0.0001	0.0006	4

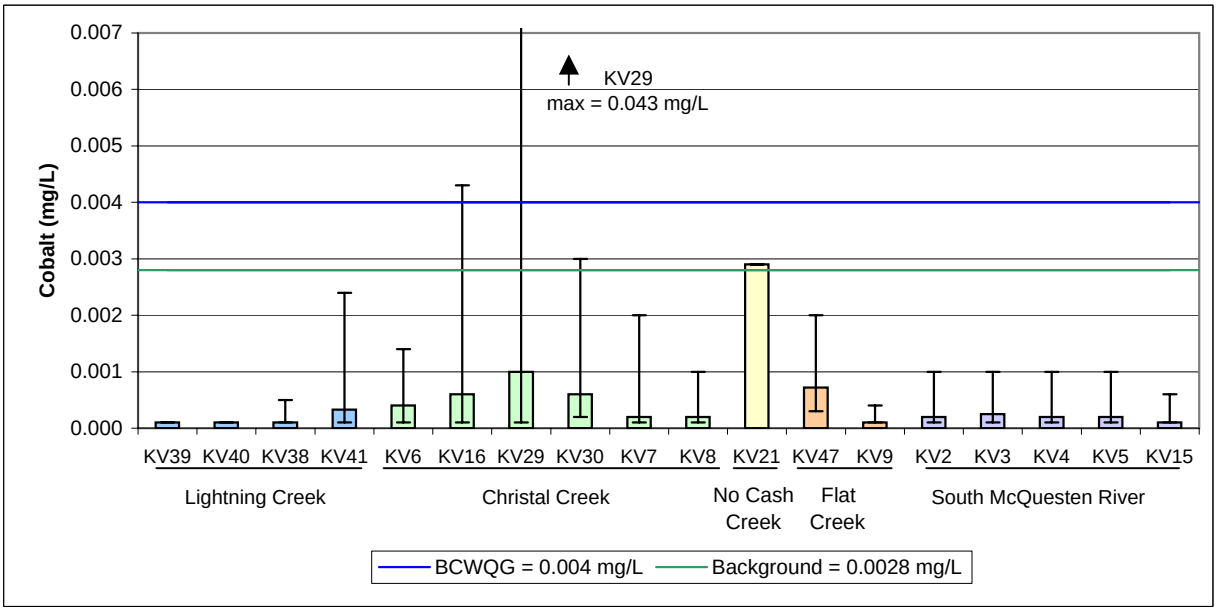


Figure A.15: Cobalt (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.39: Conductivity (uS/cm) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background*	% > Background	n	mean	median	stdev	min	max	n <MDL
KV39	-	-	-	-	-	-	-	-	-
KV40	-	-	-	-	-	-	-	-	-
KV38	0	0	7	151	154	21	129	188	0
KV41	0	0	18	186	191	44	112	251	0
KV6	0	74	76	637	649	208	210	1145	0
KV16	0	96	27	892	842	328	220	1999	0
KV29	0	97	33	1442	1520	405	3	1995	0
KV30	0	88	34	808	862	260	191	1509	0
KV7	0	58	80	529	558	187	133	880	0
KV8	0	81	36	639	690	186	127	888	0
KV21	-	-	-	-	-	-	-	-	-
KV47	0	58	12	717	810	331	226	1100	0
KV9	0	81	21	574	615	157	220	775	0
KV2	0	16	45	368	399	107	130	538	0
KV3	0	10	21	331	303	100	133	526	0
KV4	0	15	48	339	330	127	150	610	0
KV5	0	12	25	396	405	80	274	535	0
KV15	0	13	8	379	429	132	120	504	0

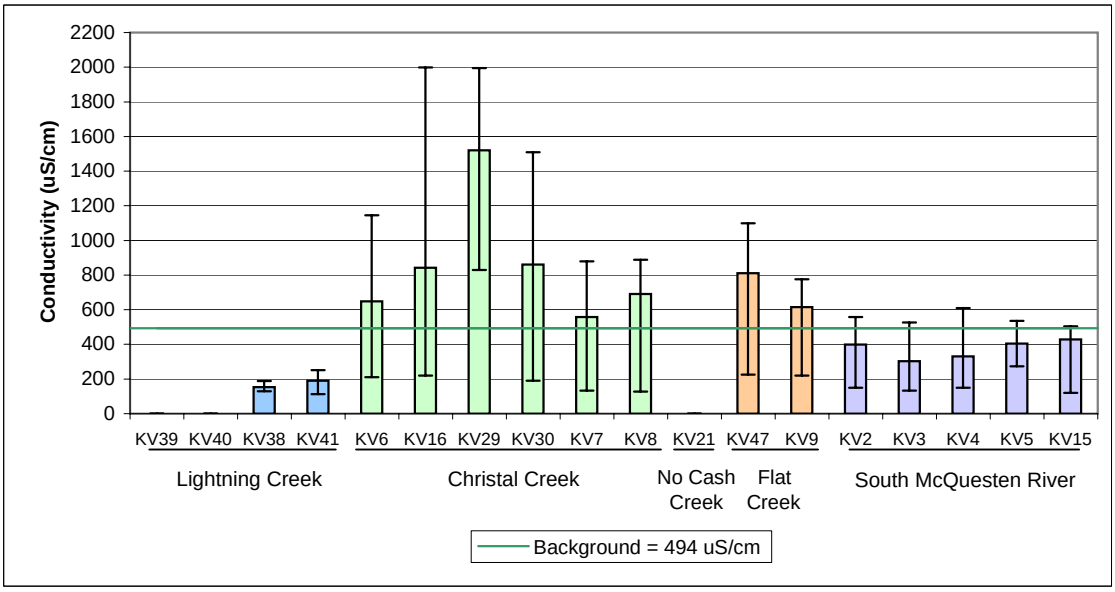


Figure A.16: Conductivity (uS/cm) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.40: Copper (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004-2007.

Station	% < DL, > CWQG	% > DL, > CWQG	% >Background, >CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.0016	0.0016	0.0008	0.0010	0.0021	1
KV40	0	0	0	1	0.0010	0.0010	-	0.0010	0.0010	1
KV38	11	0	0	9	0.0015	0.0010	0.0013	0.0010	0.0050	7
KV41	0	30	10	10	0.0026	0.0010	0.0025	0.0010	0.0080	4
KV6	0	9	0	35	0.0018	0.0010	0.0013	0.0010	0.0070	19
KV16	0	9	0	34	0.0018	0.0010	0.0012	0.0010	0.0060	16
KV29	0	36	12	33	0.0042	0.0020	0.0049	0.0010	0.0250	2
KV30	0	21	3	33	0.0021	0.0010	0.0017	0.0010	0.0080	15
KV7	0	20	3	35	0.0021	0.0010	0.0020	0.0010	0.0100	16
KV8	0	15	0	33	0.0021	0.0010	0.0016	0.0010	0.0070	12
KV21	0	100	100	1	0.0080	0.0080	-	0.0080	0.0080	0
KV47	0	67	0	3	0.0038	0.0040	0.0027	0.0010	0.0064	1
KV9	0	18	0	11	0.0021	0.0010	0.0018	0.0010	0.0070	1
KV2	0	4	0	25	0.0017	0.0010	0.0009	0.0010	0.0040	7
KV3	0	0	8	12	0.0028	0.0015	0.0025	0.0010	0.0090	5
KV4	0	18	0	11	0.0021	0.0020	0.0013	0.0010	0.0050	3
KV5	0	5	0	20	0.0020	0.0020	0.0009	0.0010	0.0040	5
KV15	0	0	0	12	0.0014	0.0010	0.0007	0.0010	0.0030	3

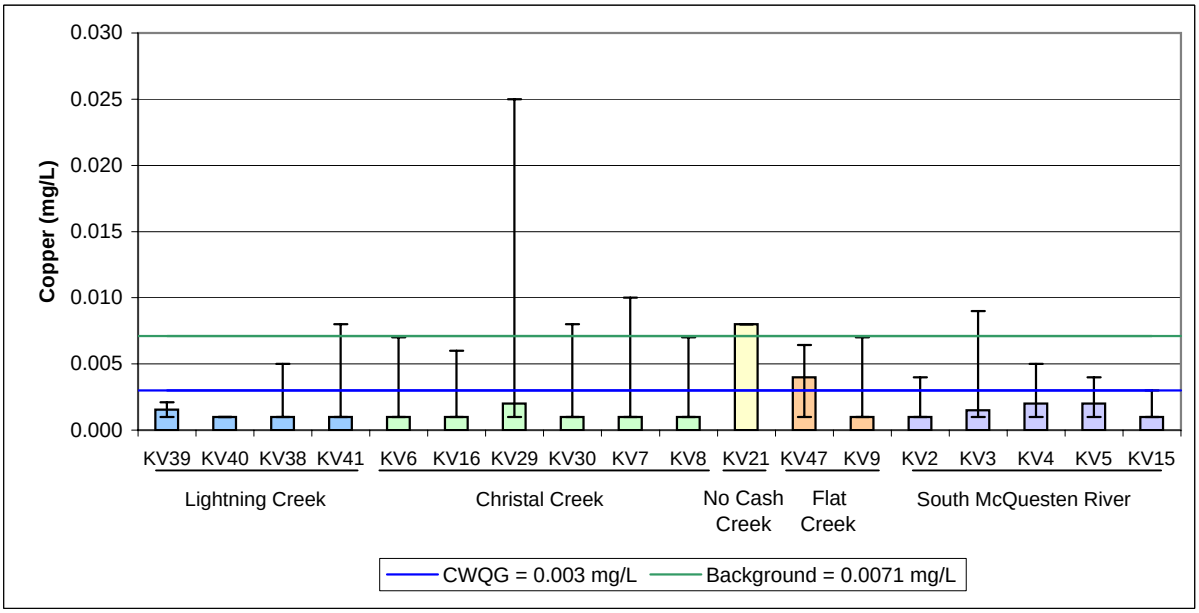


Figure A.17: Copper (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.41: Hardness (mg/L CaCO3) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	2	103	103	10	97	110	0
KV40	0	0	2	160	160	1	159	160	0
KV38	0	0	8	70	68	10	52	82	0
KV41	0	0	12	93	98	21	53	114	0
KV6	0	89	37	415	419	124	117	679	0
KV16	0	93	27	459	470	110	114	695	0
KV29	0	100	26	1020	1045	166	601	1250	0
KV30	0	96	27	484	490	83	222	608	0
KV7	0	86	37	362	399	107	72	502	0
KV8	0	84	31	342	376	114	67	480	0
KV21	0	100	2	512	512	86	451	572	0
KV47	0	60	10	386	418	233	79	707	0
KV9	0	58	19	284	300	92	129	416	0
KV2	0	3	37	197	215	60	70	281	0
KV3	0	0	14	199	215	67	64	275	0
KV4	0	6	18	214	216	64	122	380	0
KV5	0	0	24	189	200	59	71	268	0
KV15	0	0	14	184	180	67	63	268	0

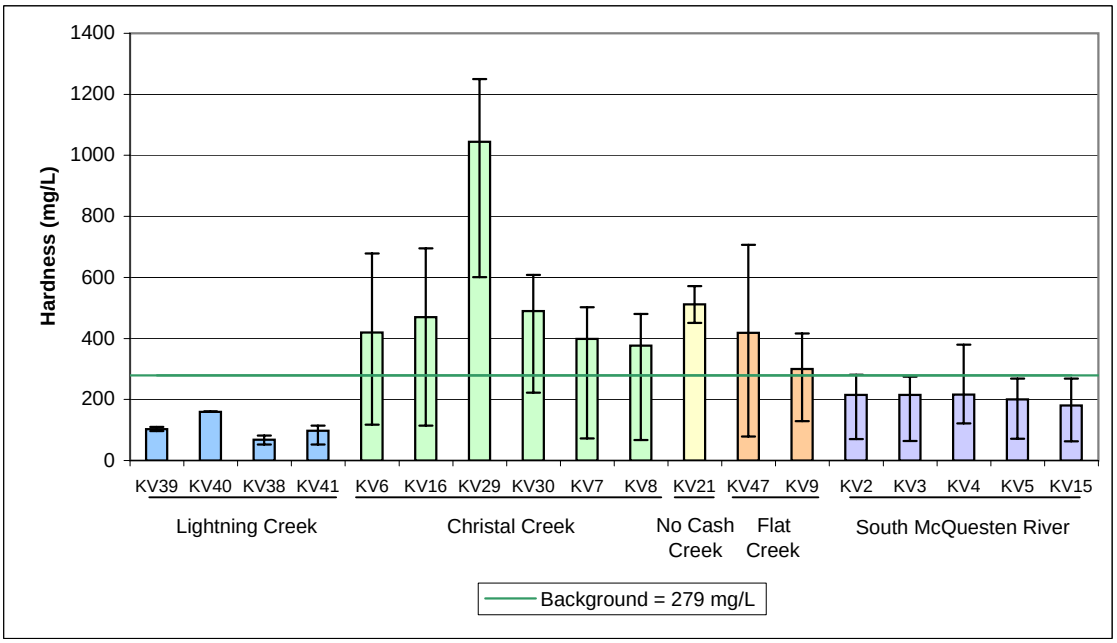


Figure A.18: Hardness (mg/L CaCO3) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.42: Hydroxide (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	na	na	1	5	5	-	5	5	1
KV40	na	na	2	5	5	0	5	5	2
KV38	na	na	7	5	5	0	5	5	7
KV41	na	na	10	5	5	0	5	5	10
KV6	na	na	31	5	5	0	5	5	31
KV16	na	na	30	5	5	0	5	5	30
KV29	na	na	28	5	5	0	5	5	27
KV30	na	na	29	5	5	0	5	5	29
KV7	na	na	32	5	5	0	5	5	30
KV8	na	na	29	5	5	0	5	5	29
KV21	na	na	2	5	5	0	5	5	2
KV47	na	na	4	5	5	0	5	5	4
KV9	na	na	11	5	5	0	5	5	11
KV2	na	na	32	5	5	0	5	5	32
KV3	na	na	11	5	5	0	5	5	11
KV4	na	na	11	5	5	0	5	5	11
KV5	na	na	23	5	5	0	5	5	23
KV15	na	na	11	5	5	0	5	5	11

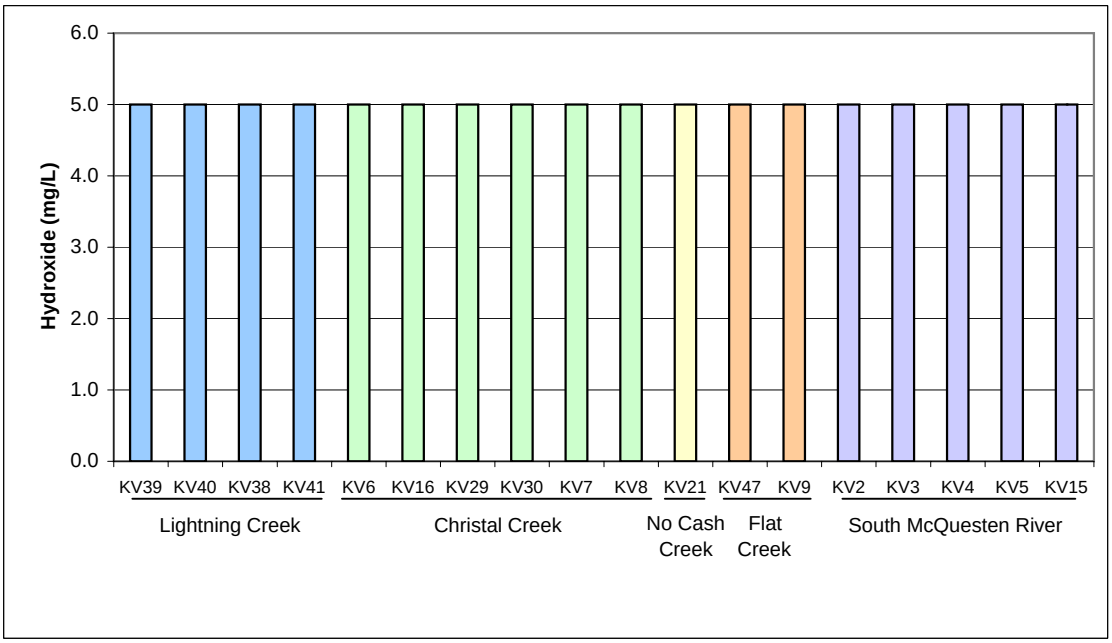


Figure A.19: Hydroxide (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.43: Iron (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > CWQG	% > DL, > CWQG	% >Background, >CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.07	0.07	0.05	0.030	0.10	2
KV40	0	0	0	2	0.05	0.05	0.07	0.003	0.10	1
KV38	10	0	0	10	0.14	0.10	0.13	0.028	0.50	8
KV41	0	53	41	17	0.99	0.49	1.37	0.068	4.60	3
KV6	0	37	19	79	0.48	0.20	0.65	0.010	3.50	4
KV16	0	45	21	42	0.63	0.30	1.00	0.019	6.00	4
KV29	0	41	35	37	1.81	0.30	3.81	0.100	20.3	10
KV30	0	53	33	40	0.82	0.36	1.00	0.100	4.20	2
KV7	0	25	16	77	0.34	0.20	0.46	0.010	2.34	8
KV8	0	27	12	41	0.30	0.12	0.34	0.033	1.38	7
KV21	0	100	50	2	0.56	0.56	0.34	0.322	0.80	0
KV47	0	79	71	14	1.38	1.18	0.94	0.137	3.33	0
KV9	0	22	17	23	0.30	0.14	0.34	0.049	1.00	7
KV2	0	23	17	47	0.31	0.20	0.30	0.010	1.03	0
KV3	0	9	5	22	0.24	0.20	0.13	0.092	0.75	1
KV4	0	29	13	45	0.32	0.20	0.29	0.010	1.00	0
KV5	0	7	4	28	0.23	0.20	0.13	0.024	0.80	0
KV15	0	40	13	15	0.44	0.30	0.34	0.198	1.40	0

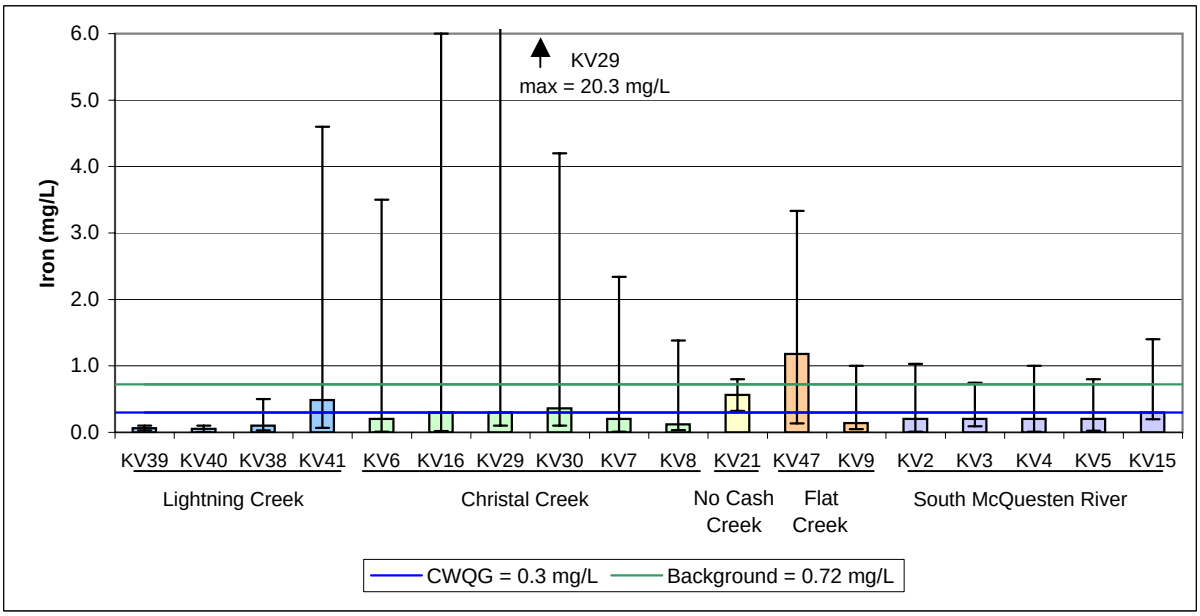


Figure A.20: Iron (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.44: Lead (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004-2007.

Station	% < DL, > CWQG	% > DL, > CWQG	% >Background, >CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	50	50	2	0.00352	0.00352	0.00144	0.0025	0.00454	0
KV40	0	0	0	1	0.0001	0.0001	-	0.0001	0.0001	0
KV38	0	0	0	9	0.0008	0.0005	0.0006	0.0003	0.0019	1
KV41	0	30	30	10	0.0062	0.0017	0.0101	0.0005	0.0316	0
KV6	0	60	60	35	0.01489	0.0049	0.02413	0.0005	0.12	0
KV16	0	44	44	34	0.00508	0.00385	0.00512	0.0003	0.0268	0
KV29	0	26	26	34	0.00338	0.00115	0.00485	0.0001	0.0203	2
KV30	0	42	42	33	0.00537	0.0036	0.00486	0.0004	0.0246	0
KV7	0	14	14	35	0.00372	0.0015	0.00635	0.0004	0.024	1
KV8	0	23	23	31	0.00256	0.0017	0.00197	0.0006	0.0068	0
KV21	0	100	100	1	0.0052	0.0052	-	0.0052	0.0052	0
KV47	0	33	33	3	0.0451	0.0037	0.0735	0.0017	0.1300	0
KV9	0	45	45	11	0.0074	0.0033	0.0096	0.0009	0.0333	0
KV2	0	8	8	25	0.00127	0.0007	0.0013	0.0003	0.0049	0
KV3	0	9	9	11	0.00181	0.0013	0.00172	0.0009	0.00694	0
KV4	0	20	20	10	0.00399	0.00175	0.007	0.0006	0.0237	0
KV5	0	10	10	21	0.0018	0.0013	0.00168	0.0004	0.008	0
KV15	0	8	8	12	0.00148	0.00105	0.00137	0.0002	0.0049	0

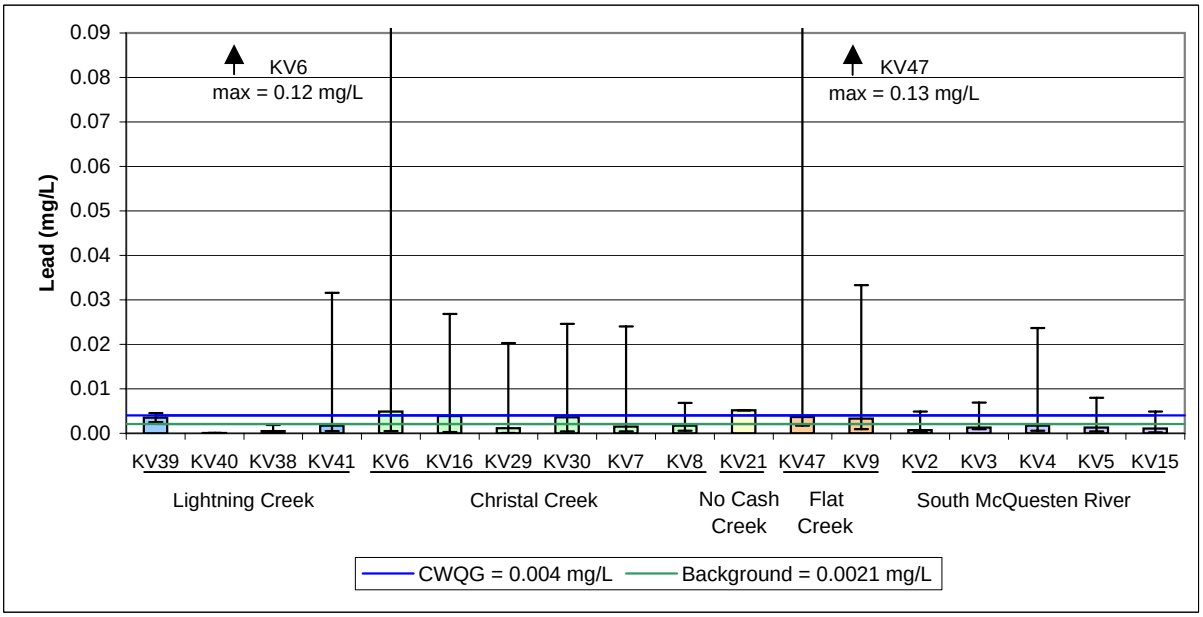


Figure A.21: Lead (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.45: Lithium (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004-2007.

Station	% < DL, > BCWQG	% > DL, > BCWQG	% >Background, >BCWQG	n	mean	median	stdev	min	max	n<MDL
KV39	0	0	0	2	0.004	0.004	0.001	0.003	0.005	1
KV40	0	0	0	1	0.002	0.002	0.000	0.002	0.002	0
KV38	0	0	0	9	0.002	0.001	0.002	0.001	0.005	2
KV41	0	0	0	10	0.003	0.002	0.001	0.002	0.005	1
KV6	0	0	0	35	0.011	0.012	0.004	0.004	0.023	0
KV16	0	0	0	35	0.015	0.013	0.010	0.007	0.057	0
KV29	0	0	0	34	0.016	0.016	0.005	0.007	0.029	0
KV30	0	0	0	33	0.012	0.012	0.002	0.006	0.016	0
KV7	0	0	0	36	0.007	0.008	0.002	0.003	0.011	0
KV8	0	0	0	33	0.007	0.007	0.002	0.002	0.010	1
KV21	0	0	0	1	0.020	0.020	0.000	0.020	0.020	0
KV47	0	0	0	3	0.009	0.010	0.003	0.005	0.011	1
KV9	0	0	0	11	0.005	0.005	0.002	0.002	0.011	1
KV2	0	0	0	25	0.005	0.005	0.001	0.002	0.007	1
KV3	0	0	0	12	0.005	0.005	0.001	0.004	0.007	2
KV4	0	0	0	11	0.005	0.005	0.001	0.004	0.007	2
KV5	0	0	0	22	0.005	0.004	0.001	0.002	0.007	1
KV15	0	0	0	12	0.004	0.005	0.001	0.002	0.006	0

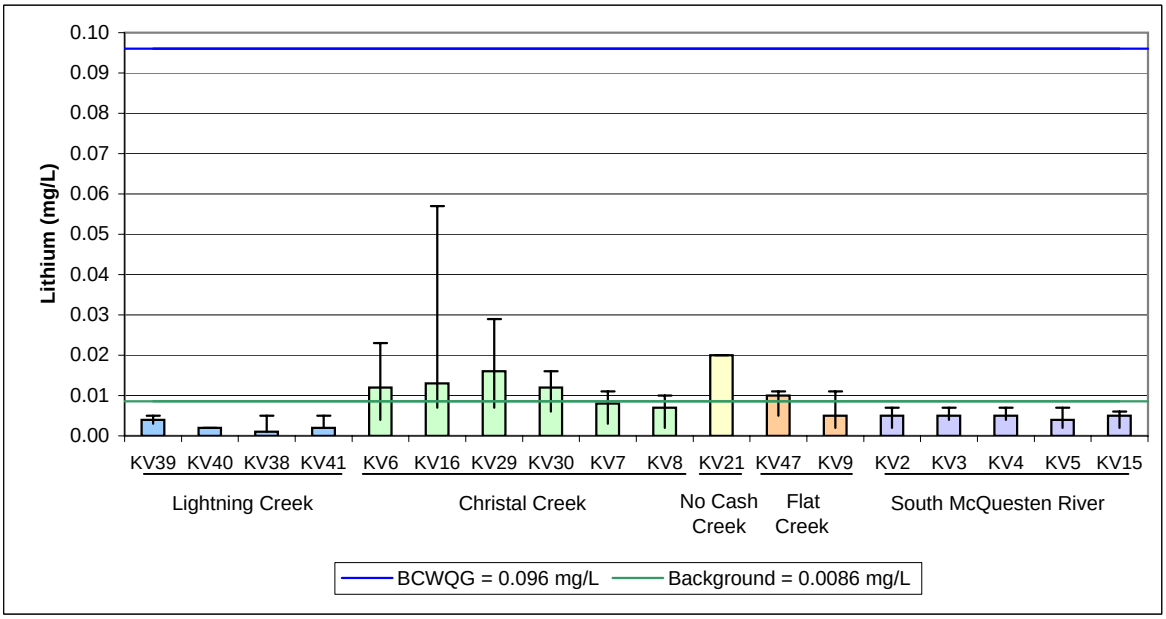


Figure A.22: Lithium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.46: Magnesium (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	2	5.5	5.5	0.3	5.3	5.7	0
KV40	0	0	2	12	12	0.4	12	12	0
KV38	0	0	10	4.1	4.0	0.6	3.2	4.9	0
KV41	0	0	14	4.8	4.8	1.1	3.1	6.7	0
KV6	0	28	47	21	21	6.4	6.1	37	0
KV16	0	70	40	30	25	19	12	107	0
KV29	0	98	41	51	52	12	19	84	0
KV30	0	74	39	25	26	5.4	6.9	33	0
KV7	0	31	49	20	22	5.5	5.2	28	0
KV8	0	27	37	20	20	6.7	4.3	36	0
KV21	0	50	2	24	24	1.3	23	25	0
KV47	0	44	9	21	24	13	5.3	39	0
KV9	0	44	18	21	22	6.7	10	30	0
KV2	0	3	37	15	14	4.4	5.6	24	0
KV3	0	0	21	15	14	4.1	7.5	22	0
KV4	0	6	18	16	15	5.0	8.6	29	0
KV5	0	0	28	15	15	4.5	5.2	22	0
KV15	0	0	13	14	13	4.7	5.5	22	0

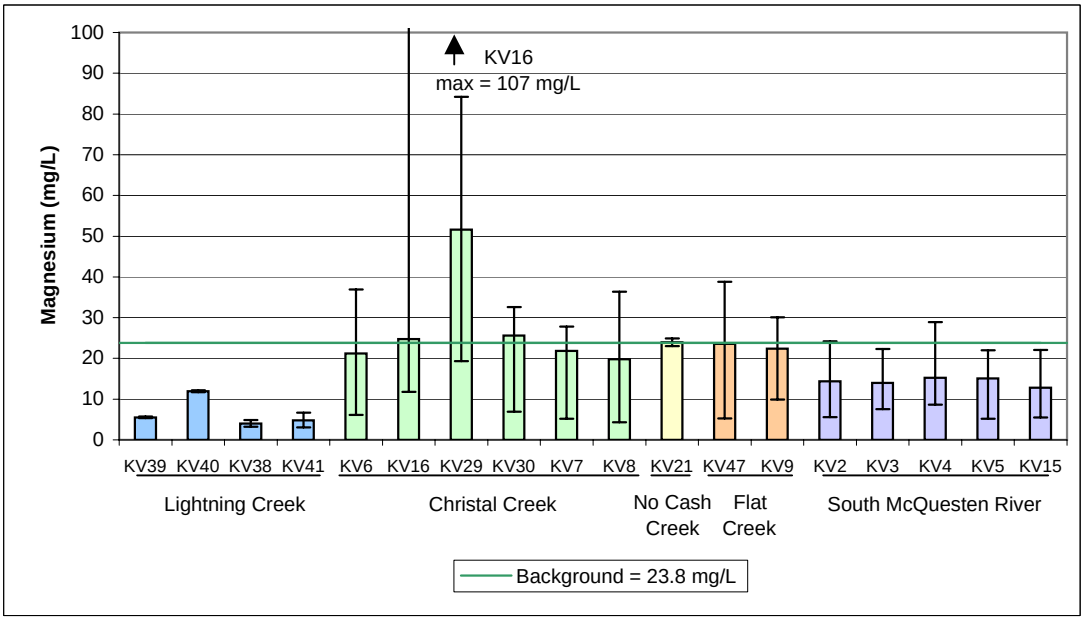


Figure A.23: Magnesium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.47: Manganese (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > BCWQG	% > DL, > BCWQG	% >Background, >BCWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.01	0.01	0.00	0.01	0.01	1
KV40	0	0	0	2	0.00	0.00	0.00	0.00	0.01	0
KV38	0	0	0	10	0.01	0.01	0.01	0.01	0.02	6
KV41	0	0	0	17	0.05	0.02	0.06	0.00	0.22	0
KV6	0	16	16	80	0.77	0.56	0.61	0.01	2.60	0
KV16	0	20	20	41	1.36	0.72	1.95	0.23	9.27	0
KV29	0	53	53	40	14	1.61	25	0.01	101	0
KV30	0	31	31	39	1.56	0.92	1.75	0.29	7.65	0
KV7	0	0	0	75	0.29	0.24	0.22	0.01	0.92	0
KV8	0	0	0	40	0.20	0.26	0.25	0.07	1.28	0
KV21	0	100	100	2	3.20	3.20	1.16	2.38	4.02	0
KV47	0	43	43	14	1.34	1.11	0.78	0.52	3.00	0
KV9	0	0	0	23	0.06	0.05	0.03	0.01	0.15	0
KV2	0	0	0	45	0.08	0.07	0.04	0.04	0.20	0
KV3	0	0	0	19	0.07	0.07	0.02	0.04	0.12	0
KV4	0	0	0	44	0.10	0.09	0.06	0.03	0.34	0
KV5	0	0	0	26	0.07	0.07	0.03	0.00	0.13	0
KV15	0	0	0	15	0.08	0.08	0.05	0.01	0.19	0

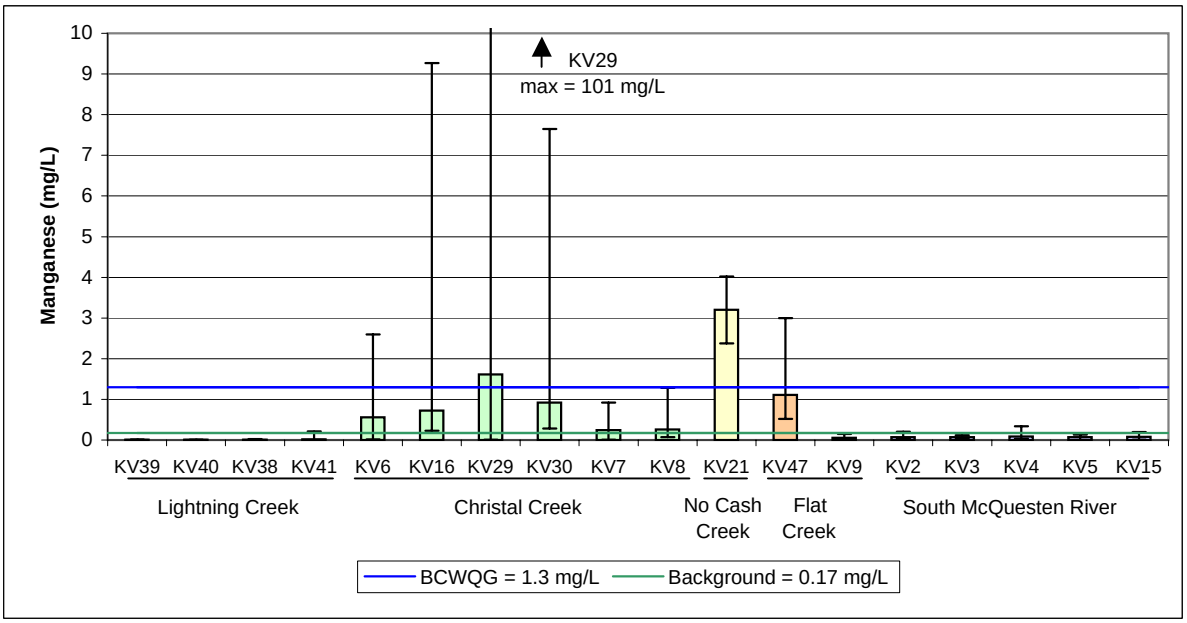


Figure A.24: Manganese (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.48: Molybdenum (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > CWQG	% > DL, > CWQG	% >Background, >CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.001	0.001	0.001	0.0003	0.001	1
KV40	0	0	0	2	0.006	0.006	0.006	0.0010	0.010	2
KV38	0	0	0	10	0.002	0.001	0.003	0.0001	0.010	9
KV41	0	0	0	14	0.003	0.001	0.004	0.0002	0.010	11
KV6	0	0	0	50	0.004	0.001	0.004	0.0010	0.010	46
KV16	0	0	0	42	0.002	0.001	0.003	0.0010	0.010	41
KV29	0	0	0	42	0.003	0.001	0.004	0.0010	0.020	38
KV30	0	0	0	42	0.003	0.001	0.004	0.0010	0.010	41
KV7	0	0	0	51	0.003	0.001	0.004	0.0005	0.010	44
KV8	0	0	0	39	0.003	0.001	0.003	0.0010	0.010	39
KV21	0	0	0	2	0.006	0.006	0.006	0.0010	0.010	2
KV47	0	0	0	9	0.006	0.005	0.004	0.0002	0.010	4
KV9	0	0	0	18	0.003	0.001	0.004	0.0001	0.010	15
KV2	0	0	0	38	0.003	0.001	0.004	0.0007	0.010	34
KV3	0	0	0	21	0.004	0.001	0.004	0.0005	0.010	15
KV4	0	0	0	18	0.004	0.001	0.004	0.0003	0.010	11
KV5	0	0	0	30	0.003	0.001	0.003	0.0010	0.010	25
KV15	0	0	0	14	0.002	0.001	0.003	0.0010	0.010	11

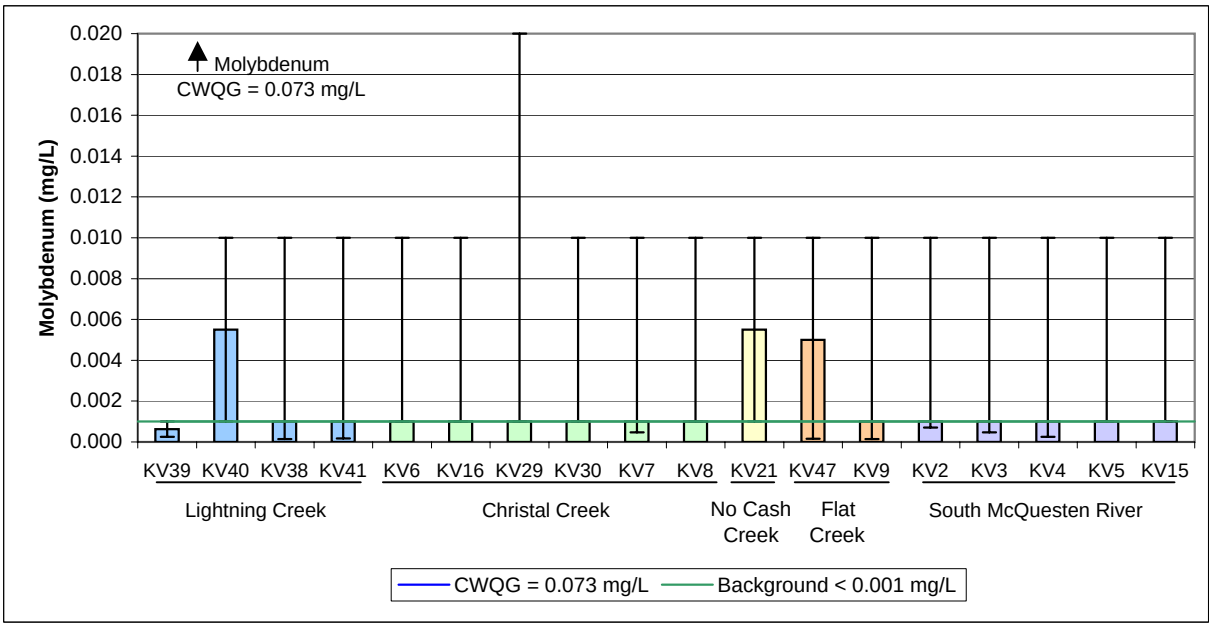


Figure A.25: Molybdenum (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.49: Nickel (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004-2007.

Station	% < DL, > CWQG	% > DL, > CWQG	% >Background, >CWQG	n	mean	median	stdev	min	max	n<MDL
KV39	0	0	0	2	0.001	0.001	0.000	0.001	0.001	0
KV40	0	0	0	1	0.001	0.001	0.000	0.001	0.001	0
KV38	0	0	0	9	0.001	0.001	0.001	0.001	0.003	6
KV41	0	0	0	10	0.002	0.001	0.001	0.001	0.004	3
KV6	0	0	0	37	0.004	0.004	0.002	0.001	0.009	2
KV16	0	0	0	35	0.005	0.004	0.004	0.001	0.017	2
KV29	0	6	6	35	0.028	0.017	0.037	0.001	0.192	0
KV30	0	0	0	35	0.006	0.005	0.003	0.001	0.015	0
KV7	0	0	0	37	0.003	0.002	0.002	0.001	0.009	1
KV8	0	0	0	33	0.003	0.002	0.002	0.001	0.008	2
KV21	0	0	0	1	0.025	0.025	0.000	0.025	0.025	0
KV47	0	0	0	3	0.003	0.002	0.001	0.002	0.004	0
KV9	0	0	0	11	0.002	0.001	0.003	0.001	0.011	3
KV2	0	0	0	26	0.006	0.006	0.002	0.003	0.010	0
KV3	0	0	0	12	0.006	0.005	0.003	0.003	0.010	0
KV4	0	0	0	11	0.005	0.005	0.003	0.002	0.010	0
KV5	0	0	0	22	0.004	0.004	0.002	0.002	0.007	0
KV15	0	0	0	12	0.003	0.002	0.001	0.001	0.005	0

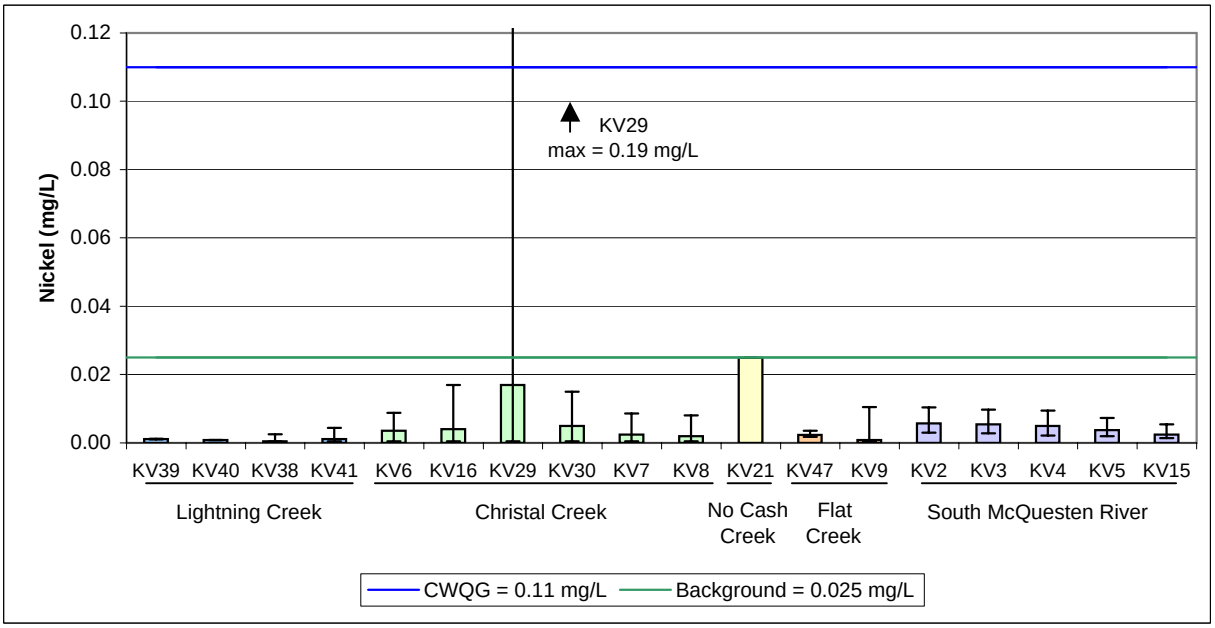


Figure A.26: Nickel (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.50: Nitrate (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > CWQG	% > DL, > CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	2	0.02	0.02	0.02	0.001	0.03	2
KV40	0	0	2	0.04	0.04	0.01	0.030	0.05	2
KV38	0	0	5	0.02	0.03	0.02	0.001	0.05	5
KV41	0	0	8	0.06	0.04	0.06	0.001	0.18	5
KV6	0	0	10	0.07	0.04	0.07	0.021	0.25	5
KV16	0	0	3	0.06	0.03	0.05	0.030	0.11	1
KV29	0	0	2	0.14	0.14	0.16	0.030	0.25	1
KV30	0	0	3	0.06	0.03	0.06	0.030	0.13	1
KV7	0	0	9	0.08	0.05	0.06	0.030	0.18	4
KV8	0	0	7	0.05	0.05	0.03	0.030	0.10	5
KV21	0	0	2	0.07	0.07	0.05	0.030	0.10	2
KV47	0	0	6	0.08	0.06	0.08	0.001	0.22	3
KV9	0	0	12	0.10	0.05	0.14	0.001	0.50	9
KV2	0	0	11	0.10	0.05	0.14	0.030	0.50	5
KV3	0	0	10	0.09	0.04	0.15	0.001	0.50	6
KV4	0	0	11	0.08	0.05	0.07	0.001	0.20	5
KV5	0	0	8	0.10	0.04	0.16	0.030	0.50	4
KV15	0	0	2	0.04	0.04	0.01	0.030	0.05	1

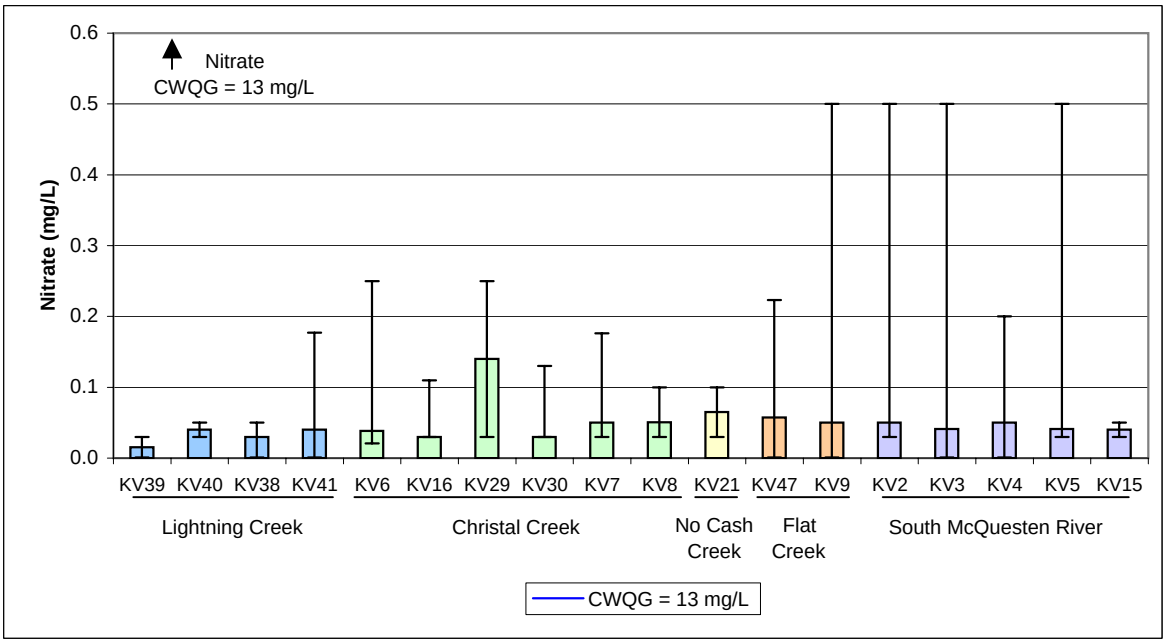


Figure A.27: Nitrate (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.51: Nitrite (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > CWQG	% > DL, > CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	50	2	0.138	0.138	0.124	0.050	0.226	0
KV40	-	-	0	-	-	-	-	-	-
KV38	0	0	3	0.043	0.040	0.015	0.030	0.059	1
KV41	0	20	5	0.028	0.030	0.025	0.002	0.063	1
KV6	0	29	7	0.045	0.050	0.044	0.002	0.120	0
KV16	0	67	3	0.077	0.080	0.035	0.040	0.110	0
KV29	0	75	4	0.565	0.210	0.828	0.040	1.800	0
KV30	0	67	3	0.087	0.090	0.045	0.040	0.130	0
KV7	0	38	8	0.060	0.050	0.067	0.002	0.200	2
KV8	0	0	4	0.040	0.036	0.024	0.005	0.060	0
KV21	0	100	1	0.070	0.070	-	0.070	0.070	0
KV47	0	0	5	0.030	0.029	0.026	0.002	0.060	0
KV9	0	0	8	0.023	0.018	0.023	0.002	0.060	7
KV2	0	0	7	0.020	0.030	0.016	0.002	0.040	5
KV3	0	0	7	0.013	0.005	0.013	0.002	0.030	6
KV4	0	0	7	0.017	0.008	0.016	0.002	0.040	4
KV5	0	0	5	0.030	0.030	0.018	0.002	0.050	1
KV15	0	0	1	0.030	0.030	-	0.030	0.030	0

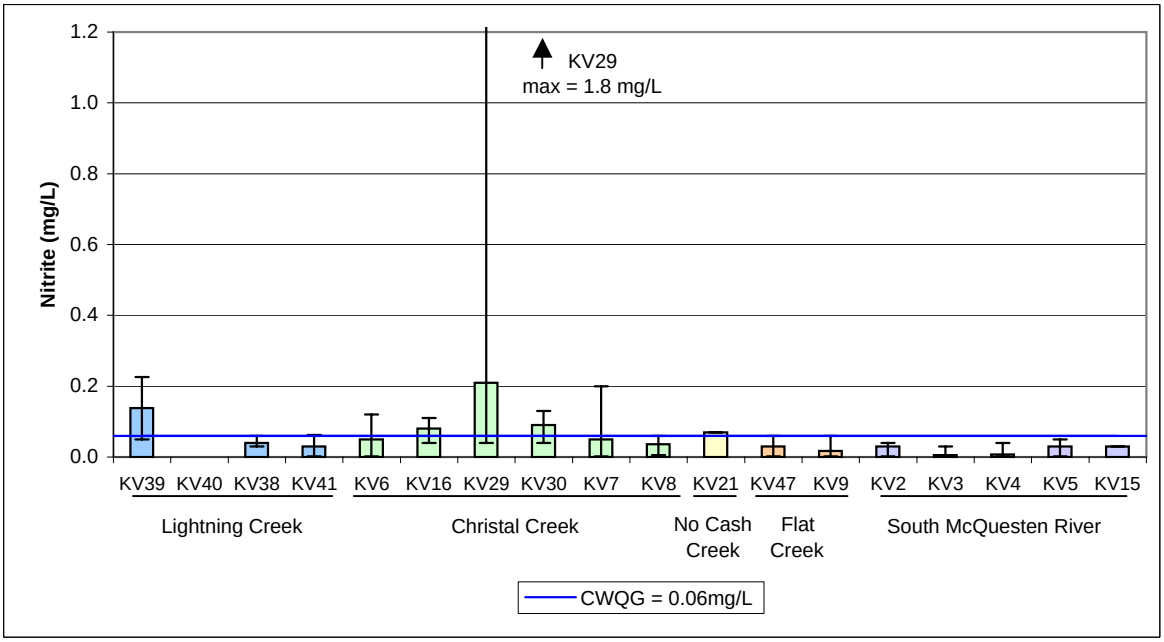


Figure A.28: Nitrite (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.52: pH Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% > CWQG	% < CWQG	% >Background, >CWQG	% <Background, <CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	-	-	-	-	-	-	-	-	-	-	-
KV40	0	0	0	0	1	8.22	8.22	-	8.22	8.22	0
KV38	0	0	0	0	8	7.52	7.63	0.26	7.17	7.80	0
KV41	0	0	0	0	19	7.50	7.42	0.27	7.10	7.89	0
KV6	0	0	0	0	85	7.72	7.70	0.45	6.90	8.95	0
KV16	0	0	0	0	33	7.70	7.67	0.57	6.58	8.95	0
KV29	0	0	0	0	34	7.75	7.86	0.43	6.79	8.50	0
KV30	3	0	3	0	35	7.76	7.63	0.56	6.62	9.24	0
KV7	0	1	0	1	87	7.69	7.70	0.47	6.31	8.70	0
KV8	0	0	0	0	36	7.79	7.77	0.56	6.84	8.97	0
KV21	0	0	0	0	1	6.62	6.62	-	6.62	6.62	0
KV47	0	0	0	0	13	7.50	7.50	0.44	6.70	8.26	0
KV9	0	0	0	0	23	7.51	7.40	0.36	6.80	8.20	0
KV2	0	0	0	0	42	7.67	7.66	0.45	6.81	8.76	0
KV3	5	0	5	0	22	7.79	7.84	0.51	7.05	9.20	0
KV4	0	0	0	0	51	7.62	7.70	0.36	6.90	8.50	0
KV5	0	0	0	0	26	7.79	7.81	0.49	7.02	8.90	0
KV15	13	0	13	0	8	7.85	7.81	0.57	7.10	9.07	0

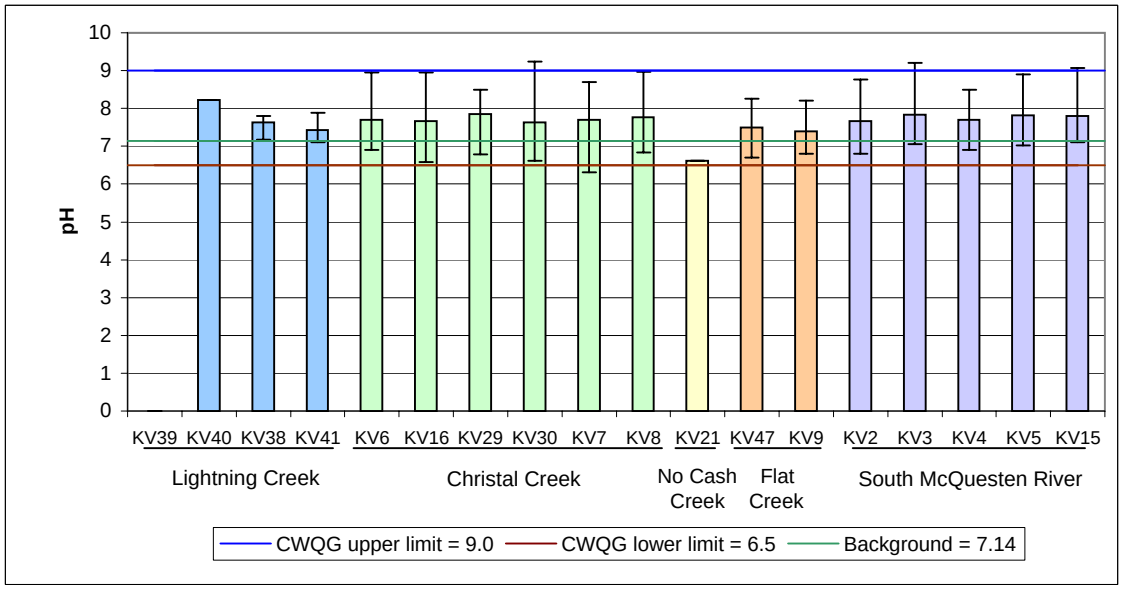


Figure A.29: pH Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.53: Phosphorus (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > PWQO	% > DL, > PWQO	% >Background, >PWQO	n	mean	median	stdev	min	max	N <MDL
KV39	-	-	-	0	-	-	-	-	-	0
KV40	100	0	0	1	0.06	0.06	-	0.06	0.06	1
KV38	100	0	0	1	0.06	0.06	-	0.06	0.06	1
KV41	33	67	0	3	0.05	0.06	0.02	0.03	0.07	1
KV6	77	15	0	13	0.06	0.06	0.01	0.05	0.08	10
KV16	25	75	63	16	0.41	0.45	0.33	0.06	1.20	4
KV29	44	56	44	9	0.43	0.16	0.51	0.06	1.34	4
KV30	29	71	14	7	0.22	0.12	0.32	0.06	0.94	2
KV7	30	60	0	10	0.08	0.07	0.04	0.03	0.18	4
KV8	67	33	17	6	0.11	0.06	0.10	0.06	0.31	4
KV21	100	0	0	1	0.06	0.06	-	0.06	0.06	2
KV47	33	67	0	6	0.07	0.06	0.01	0.06	0.09	2
KV9	86	0	0	7	0.05	0.06	0.01	0.03	0.06	7
KV2	50	40	0	10	0.07	0.06	0.02	0.03	0.12	6
KV3	60	20	0	5	0.06	0.06	0.02	0.03	0.07	4
KV4	40	40	0	5	0.07	0.06	0.04	0.03	0.14	3
KV5	60	40	20	5	0.10	0.06	0.09	0.06	0.27	3
KV15	100	100	0	2	0.06	0.06	0	0.06	0.06	2

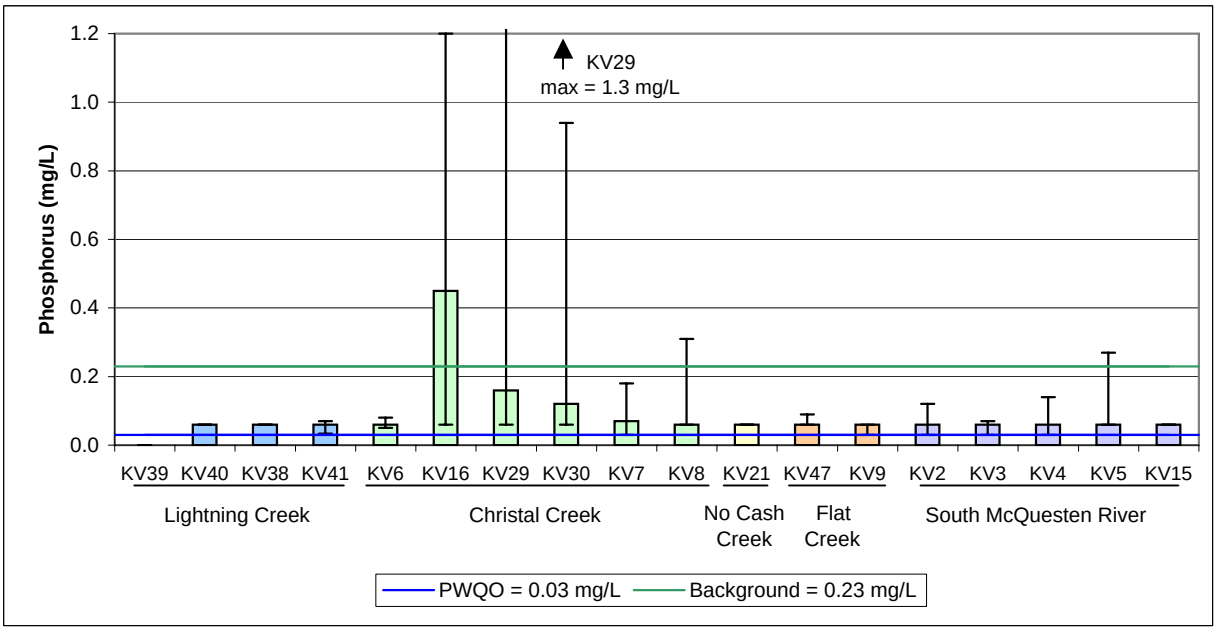


Figure A.30: Phosphorus (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.54: Potassium (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > BCWQG	% > DL, > BCWQG	% >Background, >BCWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	1.2	1.2	1.1	0.4	2.0	2
KV40	0	0	0	2	0.4	0.4	0.1	0.3	0.4	2
KV38	0	0	0	10	0.7	0.4	0.7	0.3	2.0	10
KV41	0	0	0	13	0.4	0.4	0.2	0.1	1.0	10
KV6	0	0	0	47	0.6	0.4	0.3	0.3	1.6	24
KV16	0	0	0	30	0.8	0.6	0.5	0.2	2.3	13
KV29	0	0	0	39	0.7	0.6	0.3	0.3	1.8	15
KV30	0	0	0	39	0.6	0.5	0.2	0.4	1.0	17
KV7	0	0	0	43	0.6	0.5	0.2	0.4	1.0	20
KV8	0	0	0	37	0.6	0.5	0.2	0.4	1.0	21
KV21	0	0	0	2	0.6	0.6	0.1	0.5	0.6	0
KV47	0	0	0	9	1.0	0.8	0.6	0.3	2.0	3
KV9	0	0	0	16	0.7	0.6	0.4	0.3	2.0	5
KV2	0	0	0	37	0.7	0.6	0.2	0.2	1.0	11
KV3	0	0	0	16	0.8	0.8	0.4	0.3	2.0	6
KV4	0	0	0	15	0.8	0.6	0.5	0.4	2.0	4
KV5	0	0	0	28	0.6	0.6	0.2	0.3	1.3	5
KV15	0	0	0	13	0.7	0.6	0.2	0.4	1.0	4

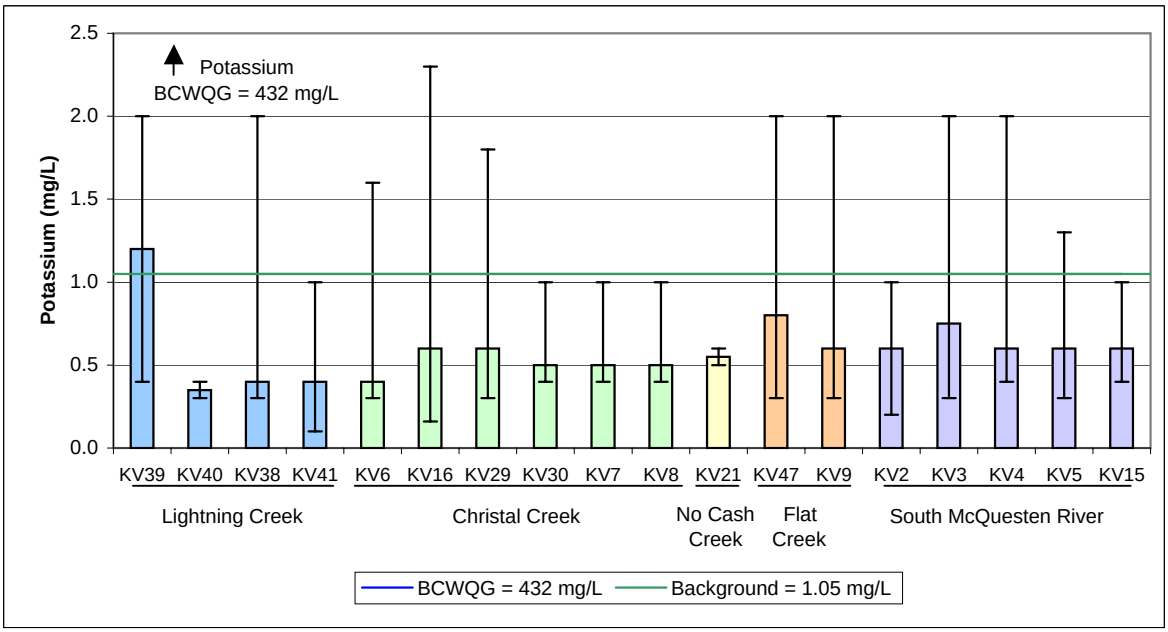


Figure A.31: Potassium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.55: Selenium (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004 - 2007.

Station	% < DL, > CWQG	% > DL, > CWQG	% >Background, >CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.0009	0.0009	0.0002	0.0007	0.0010	1
KV40	0	100	100	1	0.0014	0.0014	-	0.0014	0.0014	0
KV38	0	0	0	9	0.0007	0.0006	0.0002	0.0005	0.0010	2
KV41	0	0	0	10	0.0008	0.0008	0.0002	0.0004	0.0010	1
KV6	0	20	20	35	0.0009	0.0009	0.0004	0.0003	0.0030	1
KV16	0	14	14	35	0.0008	0.0007	0.0003	0.0004	0.0019	1
KV29	0	9	9	33	0.0006	0.0004	0.0004	0.0002	0.0023	8
KV30	0	9	9	33	0.0008	0.0008	0.0002	0.0004	0.0012	1
KV7	0	9	9	35	0.0007	0.0007	0.0002	0.0003	0.0013	2
KV8	0	9	9	32	0.0007	0.0007	0.0002	0.0003	0.0012	1
KV21	0	0	0	1	0.0009	0.0009	-	0.0009	0.0009	0
KV47	0	0	0	3	0.0007	0.0007	0.0004	0.0003	0.0010	1
KV9	0	0	0	11	0.0003	0.0002	0.0002	0.0002	0.0010	3
KV2	0	0	0	25	0.0005	0.0005	0.0001	0.0002	0.0006	2
KV3	0	0	0	11	0.0005	0.0005	0.0002	0.0002	0.0010	1
KV4	0	0	0	10	0.0005	0.0005	0.0002	0.0003	0.0010	1
KV5	0	0	0	21	0.0004	0.0004	0.0001	0.0002	0.0007	2
KV15	0	0	0	12	0.0003	0.0003	0.0001	0.0002	0.0005	3

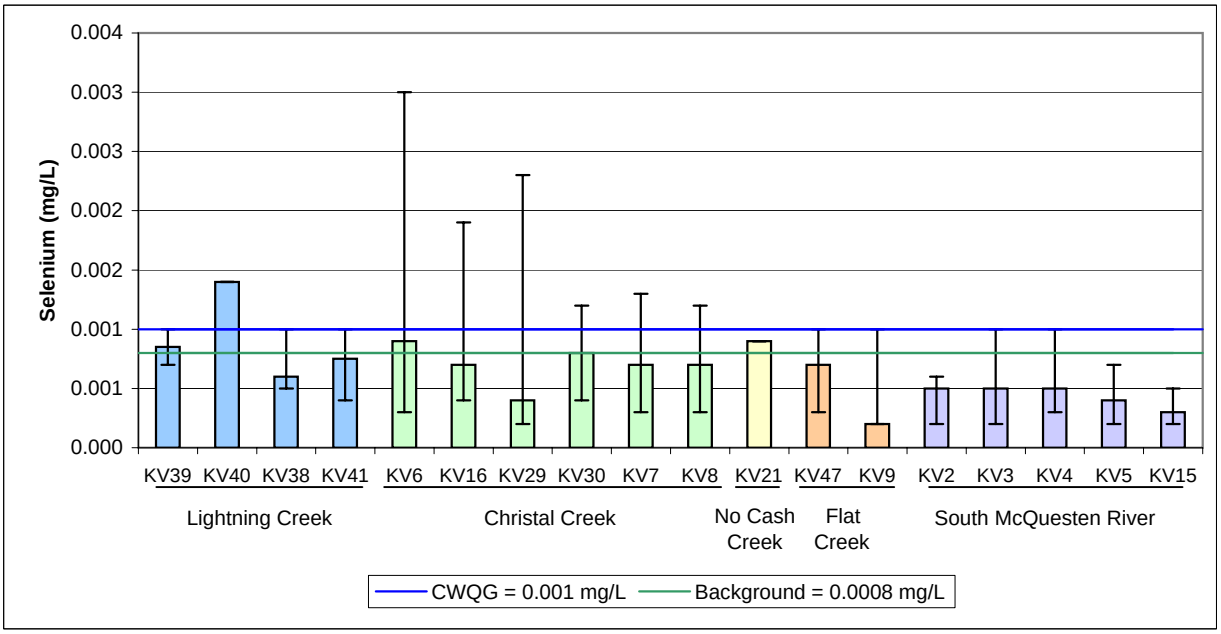


Figure A.32: Selenium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.56: Silicon (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	2	2.3	2.3	0.72	1.8	2.8	0
KV40	0	0	2	2.9	2.9	0.01	2.9	2.9	0
KV38	0	0	10	2.9	2.8	0.61	1.7	3.6	0
KV41	0	29	14	3.5	3.3	1.14	1.9	6.6	0
KV6	0	42	48	3.4	3.4	1.13	0.4	6.2	0
KV16	0	46	41	3.8	3.9	1.24	0.1	8.0	1
KV29	0	48	40	4.5	3.8	2.32	2.2	15	0
KV30	0	50	40	3.8	3.9	0.69	2.2	5.4	0
KV7	0	18	50	3.3	3.4	0.64	1.9	5.0	0
KV8	0	13	38	3.0	2.8	0.85	0.9	5.2	0
KV21	0	0	2	3.3	3.3	0.29	3.1	3.5	0
KV47	0	22	9	3.0	2.9	1.03	1.9	4.8	0
KV9	0	0	18	2.4	2.6	0.57	1.3	3.1	0
KV2	0	0	38	2.4	2.1	0.69	1.5	3.6	0
KV3	0	0	21	2.3	2.1	0.71	1.5	3.6	0
KV4	0	0	18	2.3	2.2	0.72	1.3	3.5	0
KV5	0	7	30	2.5	2.3	0.80	1.1	4.3	0
KV15	0	7	14	3.2	3.2	0.67	1.8	4.3	0

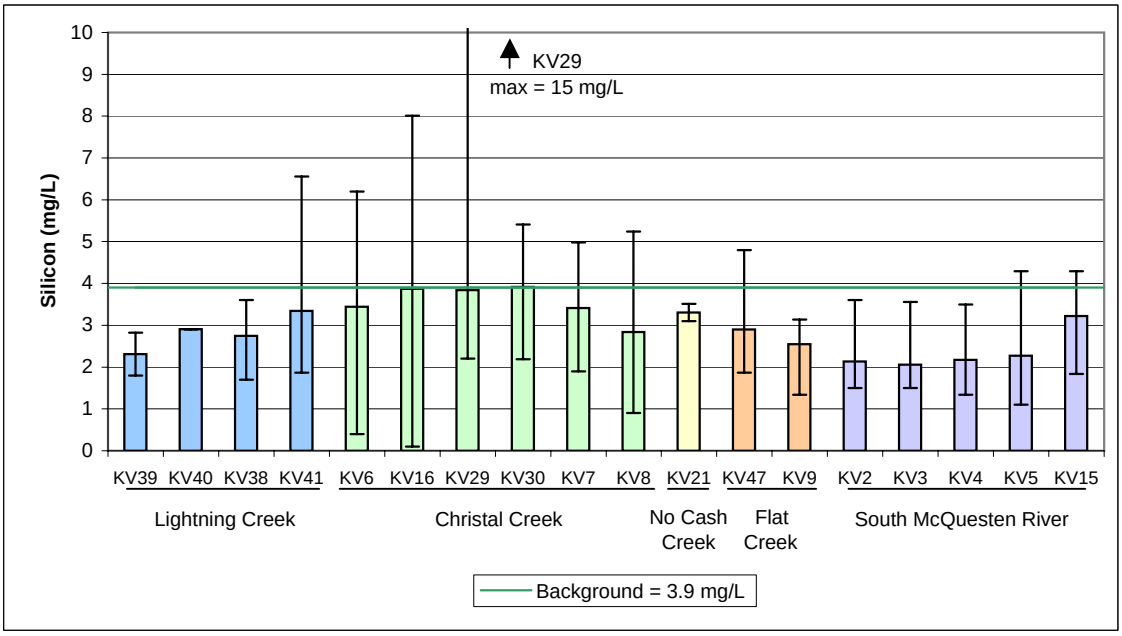


Figure A.33: Silicon (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.57: Silver (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004 - 2007.

Station	% < DL, > CWQG	% > DL, > CWQG	% >Background, >CWQG	n	mean	median	stdev	min	max	n<MDL
KV39	0	0	0	2	0.0001	0.0001	0.0000	0.0000	0.0001	1
KV40	0	0	0	1	0.0001	0.0001	-	0.0001	0.0001	1
KV38	0	13	13	8	0.0001	0.0001	4.8E-05	0.000022	0.0002	6
KV41	0	30	30	10	0.00021	0.0001	0.00025	0.000059	0.0009	6
KV6	0	32	32	34	0.0003	0.0001	0.00046	0.0001	0.0019	21
KV16	0	19	19	32	0.00014	0.0001	0.00013	0.0001	0.0008	24
KV29	0	24	24	29	0.00016	0.0001	0.00014	0.0001	0.0007	19
KV30	0	23	23	31	0.00014	0.0001	0.0001	0.0001	0.0005	21
KV7	0	26	26	34	0.00015	0.0001	0.00011	0.0001	0.0005	24
KV8	0	23	23	31	0.00014	0.0001	9.2E-05	0.0001	0.0005	19
KV21	0	0	0	1	0.0001	0.0001	-	0.0001	0.0001	1
KV47	0	50	50	2	0.00112	0.00112	0.00144	0.0001	0.00214	1
KV9	0	18	18	11	0.00012	0.0001	3.8E-05	0.0001	0.0002	7
KV2	0	16	16	25	0.00016	0.0001	0.00017	0.0001	0.0008	16
KV3	0	20	20	10	0.00014	0.0001	9.7E-05	0.000099	0.0004	6
KV4	0	20	20	10	0.00014	0.0001	7.5E-05	0.0001	0.0003	7
KV5	0	14	14	21	0.00015	0.0001	0.00018	0.0001	0.0009	16
KV15	0	17	17	12	0.00013	0.0001	6.2E-05	0.0001	0.0003	9

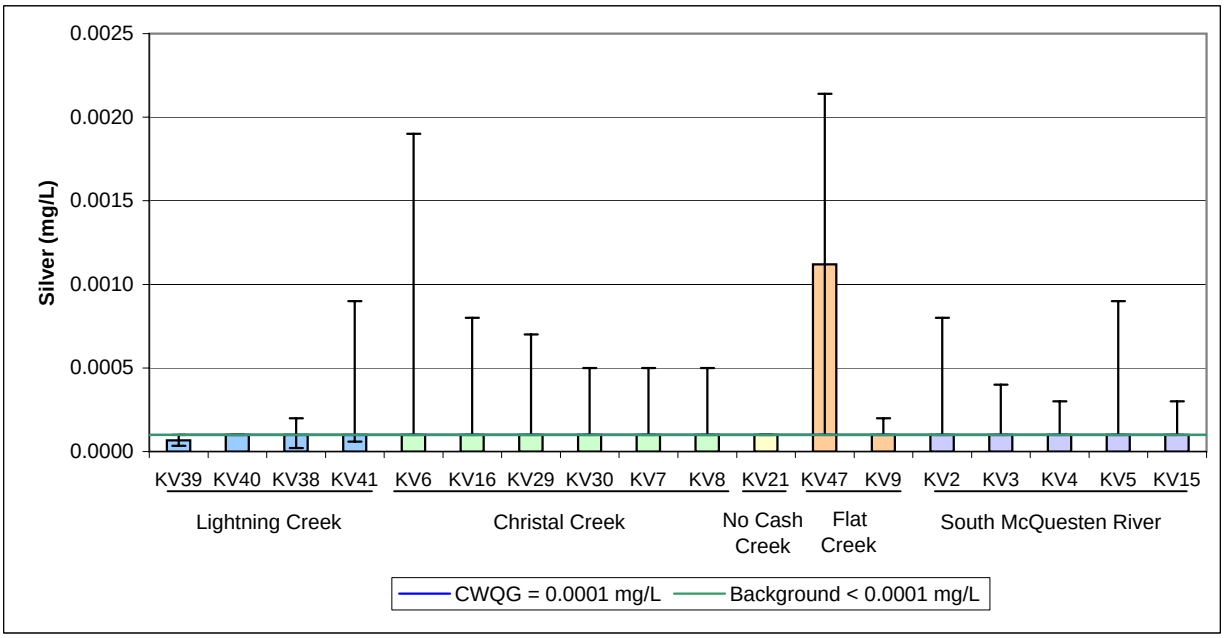


Figure A.34: Silver (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.58: Sodium (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	2	1.5	1.5	0.8	0.9	2.0	1
KV40	0	0	2	0.8	0.8	0.0	0.8	0.8	0
KV38	0	0	10	1.1	1.0	0.5	0.6	2.0	2
KV41	0	0	14	1.0	0.9	0.6	0.5	2.4	1
KV6	0	0	45	1.4	1.4	0.3	0.5	2.0	1
KV16	0	7	42	1.9	1.7	0.9	0.5	5.3	0
KV29	0	5	42	2.1	2.0	0.6	0.6	3.5	0
KV30	0	0	40	1.6	1.7	0.3	0.6	2.0	0
KV7	0	0	49	1.4	1.5	0.4	0.4	2.2	1
KV8	0	0	38	1.3	1.4	0.4	0.4	2.3	1
KV21	0	0	2	1.1	1.1	0.0	1.1	1.2	0
KV47	0	0	6	1.7	1.9	0.7	0.4	2.5	1
KV9	0	0	16	2.2	2.1	0.4	1.2	3.1	1
KV2	0	5	37	2.0	1.8	0.8	0.6	4.0	0
KV3	0	0	20	1.9	1.8	0.6	1.0	3.1	1
KV4	0	0	17	1.9	1.7	0.6	1.2	2.8	1
KV5	0	0	28	2.0	2.0	0.7	0.6	3.2	0
KV15	0	0	14	2.0	1.7	0.8	0.9	3.2	0

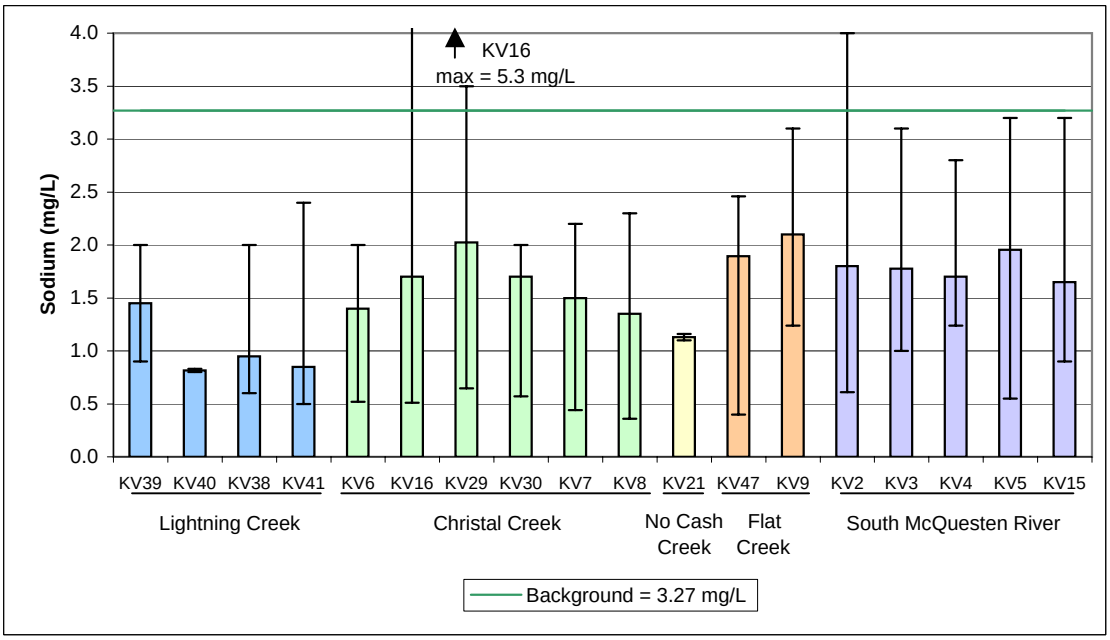


Figure A.35: Sodium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.59: Strontium (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	2	0.09	0.09	0.02	0.08	0.11	0
KV40	0	0	2	0.15	0.15	0.01	0.14	0.15	0
KV38	0	0	10	0.08	0.08	0.01	0.05	0.09	0
KV41	0	0	14	0.08	0.08	0.02	0.05	0.10	0
KV6	0	0	48	0.21	0.22	0.05	0.05	0.28	0
KV16	0	36	42	0.33	0.28	0.20	0.06	1.18	0
KV29	0	98	40	0.60	0.58	0.16	0.18	0.99	0
KV30	0	48	40	0.28	0.30	0.06	0.07	0.37	0
KV7	0	2	50	0.22	0.23	0.06	0.05	0.32	0
KV8	0	11	38	0.22	0.23	0.07	0.04	0.34	0
KV21	0	0	2	0.23	0.23	0.01	0.22	0.24	0
KV47	0	44	9	0.23	0.27	0.13	0.05	0.36	0
KV9	0	0	18	0.18	0.20	0.06	0.07	0.27	0
KV2	0	0	38	0.20	0.21	0.05	0.06	0.26	0
KV3	0	0	21	0.19	0.19	0.05	0.08	0.27	0
KV4	0	0	18	0.18	0.19	0.05	0.08	0.26	0
KV5	0	0	30	0.20	0.21	0.05	0.06	0.27	0
KV15	0	0	14	0.21	0.20	0.05	0.10	0.27	0

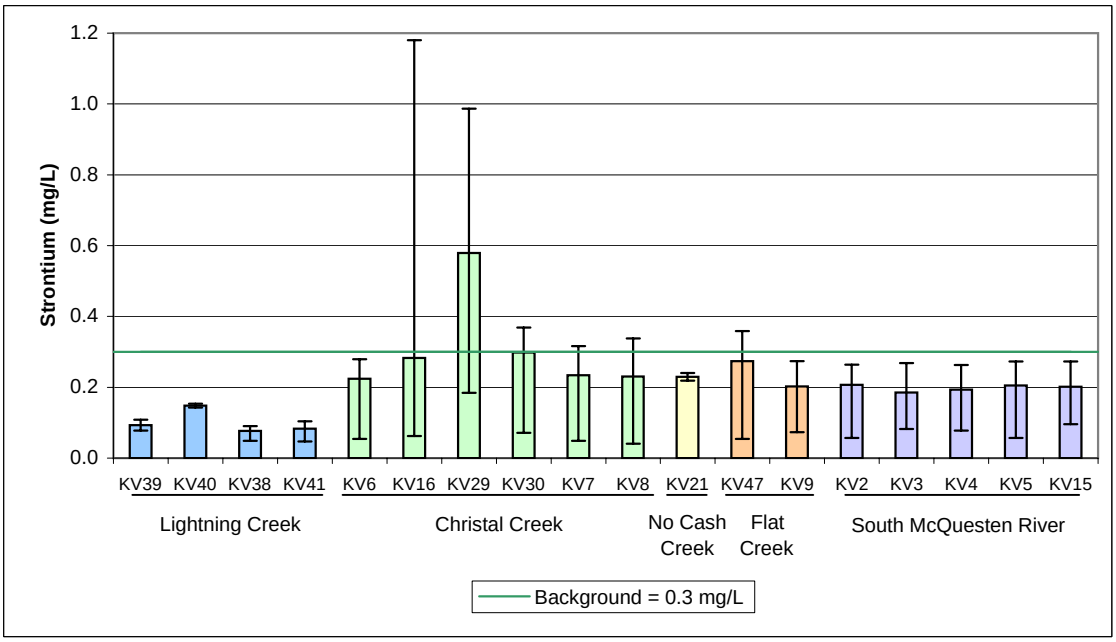


Figure A.36: Strontium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.60: Sulphate (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004-2007.

Station	% < DL, > BCWQG	% > DL, > BCWQG	% >Background, >BCWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	100	0	1	57	57	-	57	57	0
KV40	-	-	-	-	-	-	-	-	-	-
KV38	0	0	0	5	34	36	6	25	43	0
KV41	0	40	0	5	42	50	14	22	54	0
KV6	0	100	86	21	256	281	79	73	334	0
KV16	0	100	100	19	333	320	149	150	900	0
KV29	0	100	100	22	931	905	154	540	1250	0
KV30	0	100	100	19	337	342	71	159	457	0
KV7	0	100	95	20	240	252	57	105	340	0
KV8	0	90	85	20	214	239	76	50	310	1
KV21	-	-	-	-	-	-	-	-	-	-
KV47	0	100	0	1	59	59	-	59	59	0
KV9	0	83	67	6	126	139	51	42	190	0
KV2	0	90	0	21	78	84	21	26	104	0
KV3	0	86	0	7	78	93	27	27	104	0
KV4	0	83	0	6	79	83	24	38	104	0
KV5	0	82	6	17	75	79	23	22	110	0
KV15	0	75	0	8	63	64	26	22	100	0

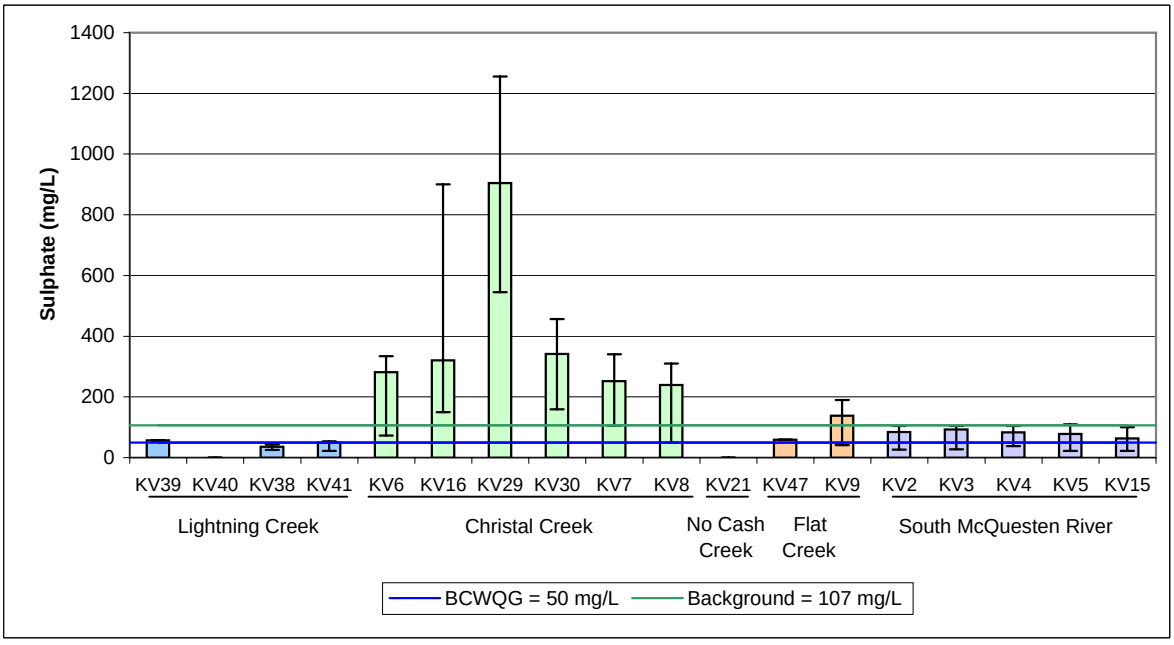


Figure A.37: Sulphate (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.61: Sulphur (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	1	20	20	-	20	20	0
KV40	0	100	2	39	39	0.8	38	39	0
KV38	0	0	9	12	12	1.0	10	13	0
KV41	0	0	13	15	15	3	10	19	0
KV6	0	94	48	85	85	27	21	149	0
KV16	0	98	41	133	104	98	21	537	0
KV29	0	100	41	313	312	60	111	462	0
KV30	0	97	39	108	110	24	24	156	0
KV7	0	89	45	69	73	22	9	108	0
KV8	0	87	38	66	67	24	9	112	0
KV21	0	100	2	115	115	4	112	118	0
KV47	0	63	8	69	72	42	12	124	0
KV9	0	73	15	43	44	13	21	64	0
KV2	0	5	38	23	23	7	6	38	0
KV3	0	0	20	22	21	8	0	32	1
KV4	0	0	14	25	26	6	14	32	0
KV5	0	0	29	21	22	7	6	31	0
KV15	0	0	14	20	19	7	9	32	0

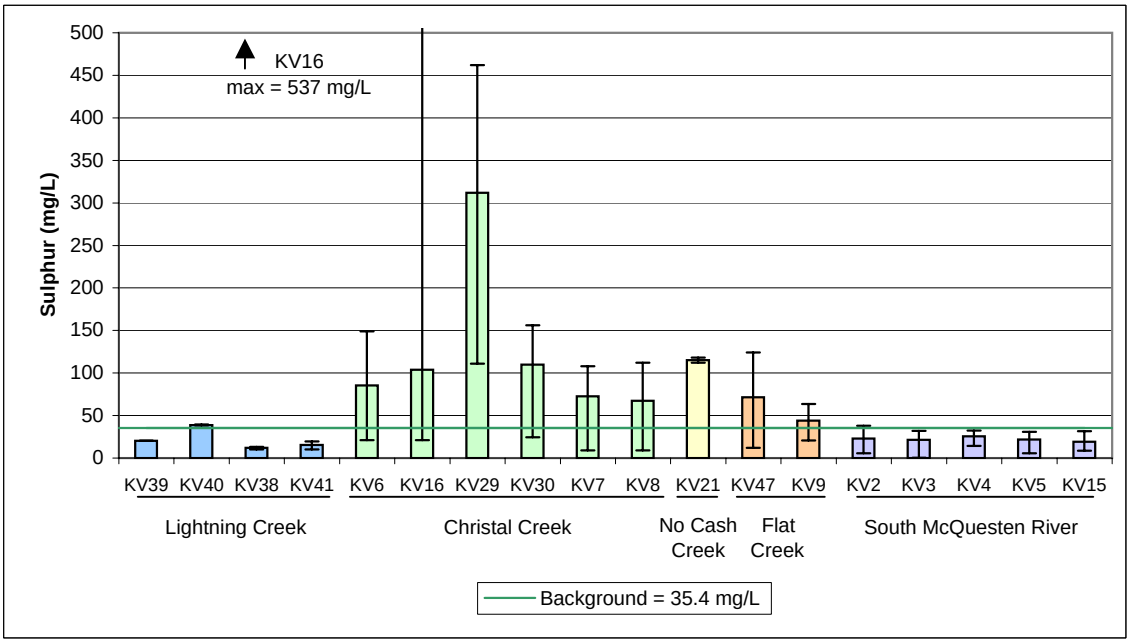


Figure A.38: Sulphur (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.62: Thallium (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004 - 2007.

Station	% < DL, > CWQG	% > DL, > CWQG	% >Background, >CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.00008	0.00008	0.0000	0.00005	0.00010	2
KV40	0	0	0	1	0.00005	0.00005	-	0.00005	0.00005	1
KV38	0	0	0	9	0.00007	0.00005	0.00005	0.00005	0.00020	9
KV41	0	0	0	10	0.0001	0.00005	0.0000	0.00005	0.00010	10
KV6	0	0	0	35	0.00005	0.00005	0.0000	0.00005	0.00010	35
KV16	0	0	0	35	0.00006	0.00005	0.0000	0.00005	0.00016	34
KV29	0	0	0	33	0.00006	0.00005	0.0000	0.00005	0.00020	29
KV30	0	0	0	33	0.00005	0.00005	0.0000	0.00005	0.00010	33
KV7	0	0	0	36	0.00007	0.00005	0.0001	0.00005	0.00050	35
KV8	0	0	0	32	0.00006	0.00005	0.0000	0.00005	0.00013	32
KV21	0	0	0	1	0.00022	0.00022	-	0.00022	0.00022	0
KV47	0	0	0	3	0.00008	0.00010	0.0000	0.00005	0.00010	3
KV9	0	0	0	11	0.00005	0.00005	0.0000	0.00005	0.00010	11
KV2	0	0	0	25	0.00005	0.00005	0.0000	0.00005	0.00005	25
KV3	0	0	0	11	0.00006	0.00005	0.0000	0.00005	0.00010	11
KV4	0	0	0	10	0.00006	0.00005	0.0000	0.00005	0.00010	10
KV5	0	0	0	21	0.00005	0.00005	0.0000	0.00005	0.00005	21
KV15	0	0	0	12	0.00005	0.00005	0.0000	0.00005	0.00005	12

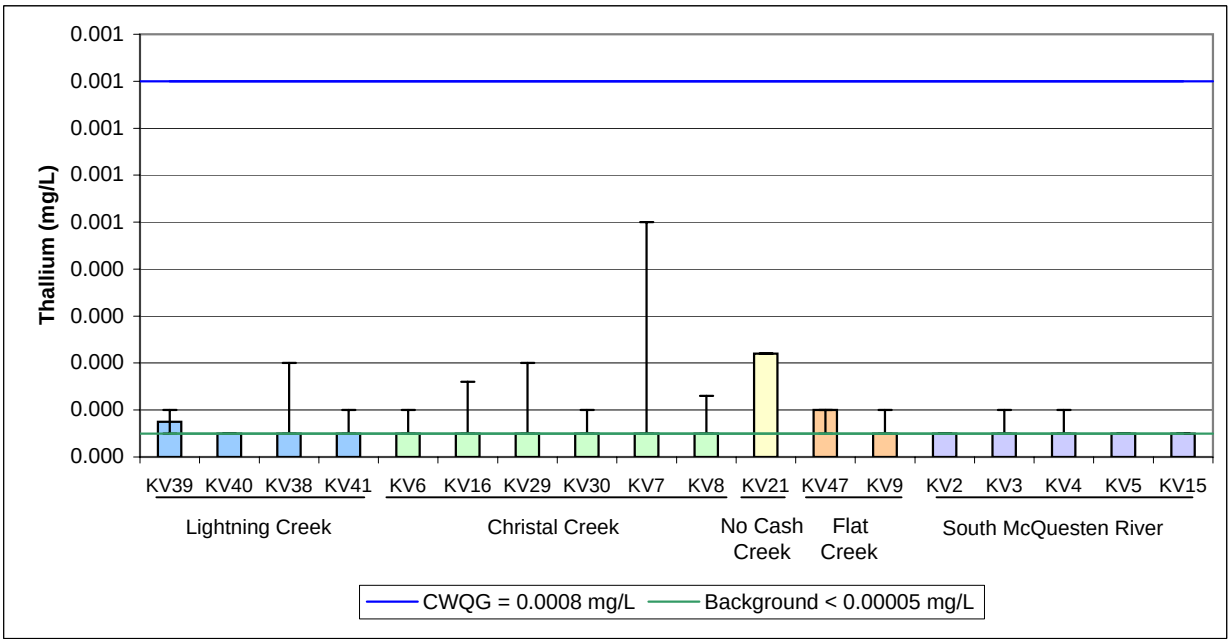


Figure A.39: Thallium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.63: Thorium (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2006.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	na	na	-	-	-	-	-	-	-
KV40	na	na	-	-	-	-	-	-	-
KV38	na	na	-	-	-	-	-	-	-
KV41	na	na	-	-	-	-	-	-	-
KV6	na	na	7	0.006	0.006	0.0004	0.006	0.007	6
KV16	na	na	4	0.006	0.006	0.0000	0.006	0.006	4
KV29	na	na	5	0.011	0.006	0.0092	0.006	0.027	3
KV30	na	na	4	0.008	0.006	0.0030	0.006	0.012	3
KV7	na	na	4	0.006	0.006	0.0000	0.006	0.006	3
KV8	na	na	2	0.006	0.006	0.0000	0.006	0.006	2
KV21	na	na	-	-	-	-	-	-	-
KV47	na	na	2	0.006	0.006	0.0000	0.006	0.006	2
KV9	na	na	1	0.006	0.006	-	0.006	0.006	1
KV2	na	na	3	0.006	0.006	0.0000	0.006	0.006	3
KV3	na	na	1	0.006	0.006	-	0.006	0.006	1
KV4	na	na	1	0.006	0.006	-	0.006	0.006	1
KV5	na	na	2	0.005	0.005	0.0000	0.005	0.005	2
KV15	na	na	-	-	-	-	-	-	-

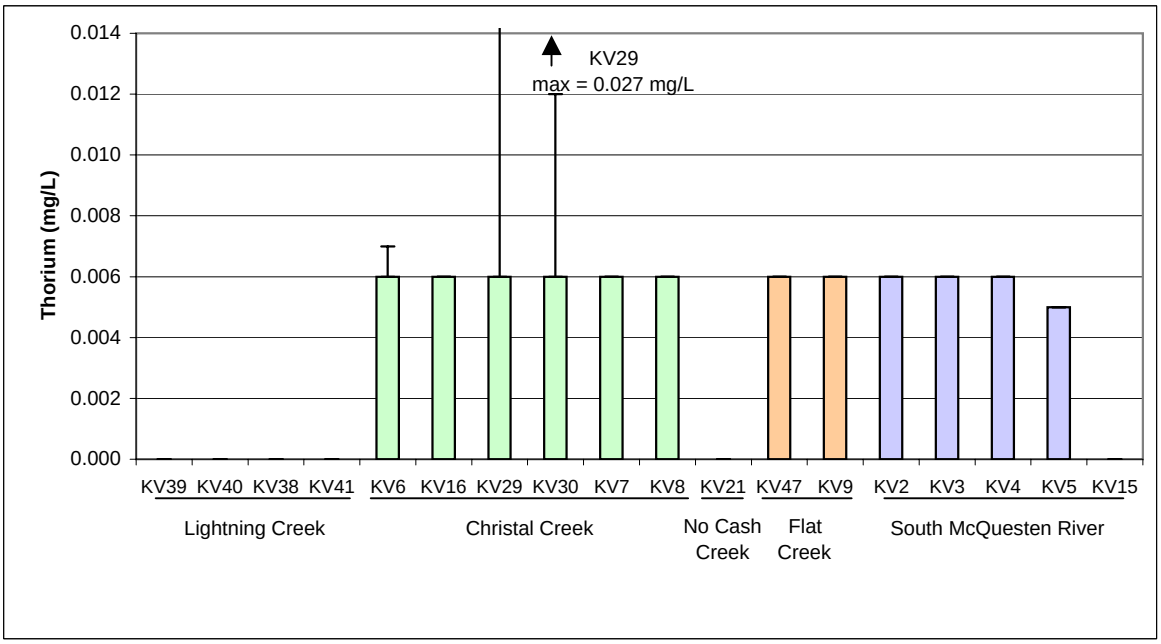


Figure A.40: Thorium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.64: Tin (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004 - 2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	2	0.0006	0.0006	0.0006	0.0001	0.0010	2
KV40	0	0	1	0.0010	0.0010	-	0.0010	0.0010	1
KV38	0	0	8	0.0009	0.0010	0.0003	0.0001	0.0010	8
KV41	0	0	10	0.0009	0.0010	0.0003	0.0001	0.0010	10
KV6	0	0	32	0.0010	0.0010	0.0037	0.0010	0.0010	31
KV16	0	0	32	0.0010	0.0010	0.0000	0.0010	0.0010	32
KV29	0	0	29	0.0010	0.0010	0.0000	0.0010	0.0010	29
KV30	0	3	29	0.0011	0.0010	0.0004	0.0010	0.0030	25
KV7	0	0	31	0.0010	0.0010	0.0000	0.0010	0.0010	29
KV8	0	0	29	0.0010	0.0010	0.0000	0.0010	0.0010	29
KV21	0	0	1	0.0010	0.0010	-	0.0010	0.0010	1
KV47	0	0	2	0.0006	0.0006	0.0006	0.0001	0.0010	1
KV9	0	0	11	0.0009	0.0010	0.0003	0.0001	0.0010	11
KV2	0	0	24	0.0010	0.0010	0.0042	0.0010	0.0010	23
KV3	0	0	10	0.0009	0.0010	0.0003	0.0002	0.0010	9
KV4	0	0	10	0.0009	0.0010	0.0003	0.0001	0.0010	10
KV5	0	0	21	0.0010	0.0010	0.0000	0.0010	0.0010	21
KV15	0	0	12	0.0010	0.0010	0.0000	0.0010	0.0010	12

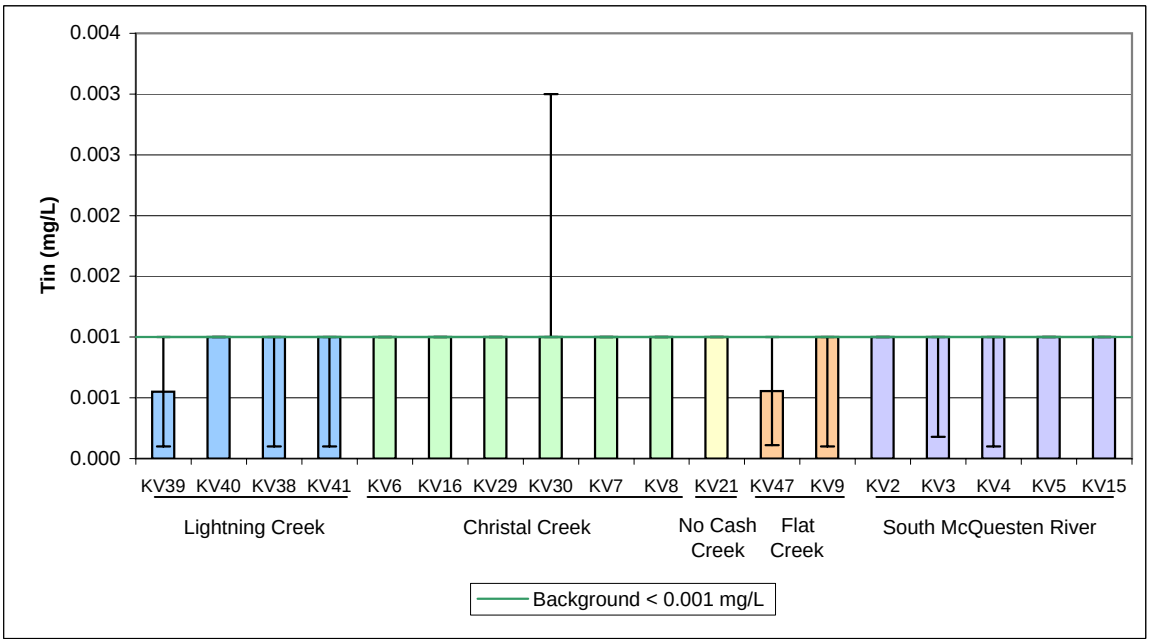


Figure A.41: Tin (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.65: Titanium (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > BCWQG	% > DL, > BCWQG	% >Background, >BCWQG	n	mean	median	stdev	min	max	N <MDL
KV39	0	0	0	2	0.006	0.006	0.006	0.0014	0.010	1
KV40	0	0	0	2	0.002	0.002	0.001	0.0010	0.002	1
KV38	0	0	0	10	0.008	0.001	0.018	0.0007	0.057	3
KV41	0	0	0	14	0.022	0.013	0.026	0.0013	0.090	2
KV6	0	0	0	47	0.009	0.006	0.013	0.0005	0.062	9
KV16	0	0	0	42	0.020	0.010	0.023	0.0005	0.094	3
KV29	0	0	0	42	0.045	0.023	0.060	0.0010	0.344	3
KV30	0	0	0	41	0.019	0.009	0.023	0.0005	0.108	3
KV7	0	0	0	49	0.012	0.005	0.017	0.0002	0.063	5
KV8	0	0	0	38	0.010	0.006	0.012	0.0010	0.044	3
KV21	0	0	0	2	0.005	0.005	0.006	0.0010	0.009	1
KV47	0	0	0	6	0.028	0.010	0.035	0.0010	0.088	2
KV9	0	0	0	15	0.003	0.003	0.002	0.0000	0.010	5
KV2	0	0	0	36	0.003	0.002	0.003	0.0002	0.011	9
KV3	0	0	0	19	0.005	0.002	0.009	0.0001	0.041	6
KV4	0	0	0	16	0.003	0.002	0.002	0.0002	0.010	4
KV5	0	0	0	28	0.003	0.002	0.004	0.0010	0.021	7
KV15	0	0	0	13	0.004	0.002	0.005	0.0010	0.021	2

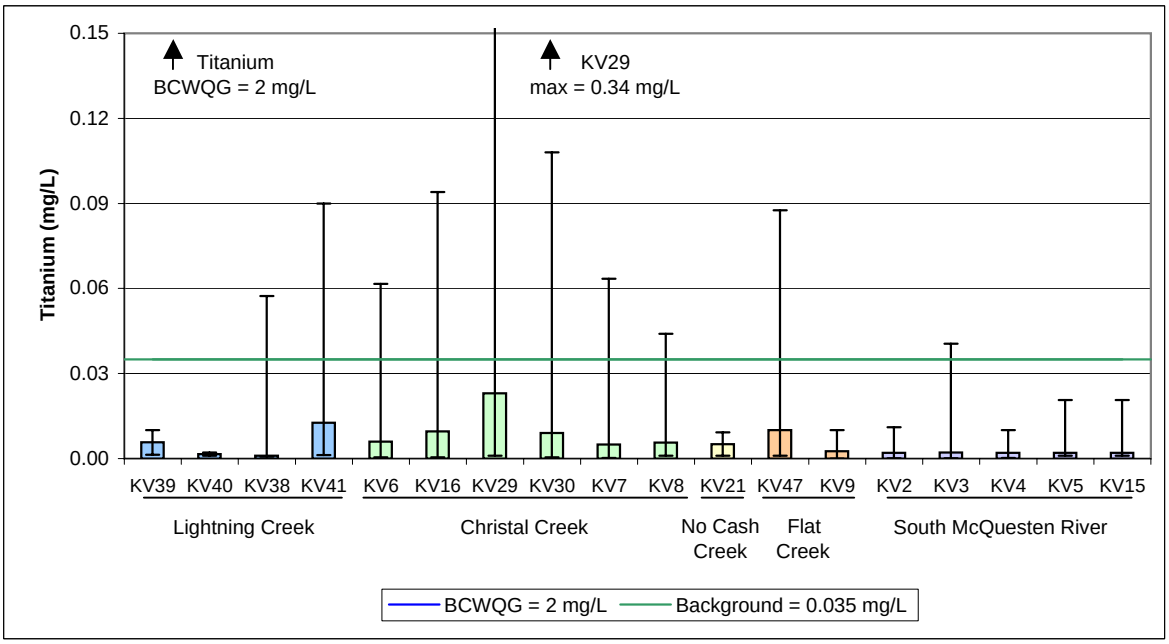


Figure A.42: Titanium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.66: Total Dissolved Solids (mg/l) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	-	-	-	-	-	-	-	-	-
KV40	-	-	-	-	-	-	-	-	-
KV38	0	0	2	69	69	9.9	62	76	0
KV41	0	0	3	101	108	13	86	110	0
KV6	-	-	-	-	-	-	-	-	-
KV16	-	-	-	-	-	-	-	-	-
KV29	0	100	10	667	686	169	361	860	0
KV30	0	88	8	350	369	143	18	459	0
KV7	-	-	-	-	-	-	-	-	-
KV8	-	-	-	-	-	-	-	-	-
KV21	-	-	-	-	-	-	-	-	-
KV47	0	67	3	434	327	274	230	745	0
KV9	-	-	-	-	-	-	-	-	-
KV2	0	0	13	211	214	28	147	257	0
KV3	-	-	-	-	-	-	-	-	-
KV4	-	-	-	-	-	-	-	-	-
KV5	-	-	-	-	-	-	-	-	-
KV15	-	-	-	-	-	-	-	-	-

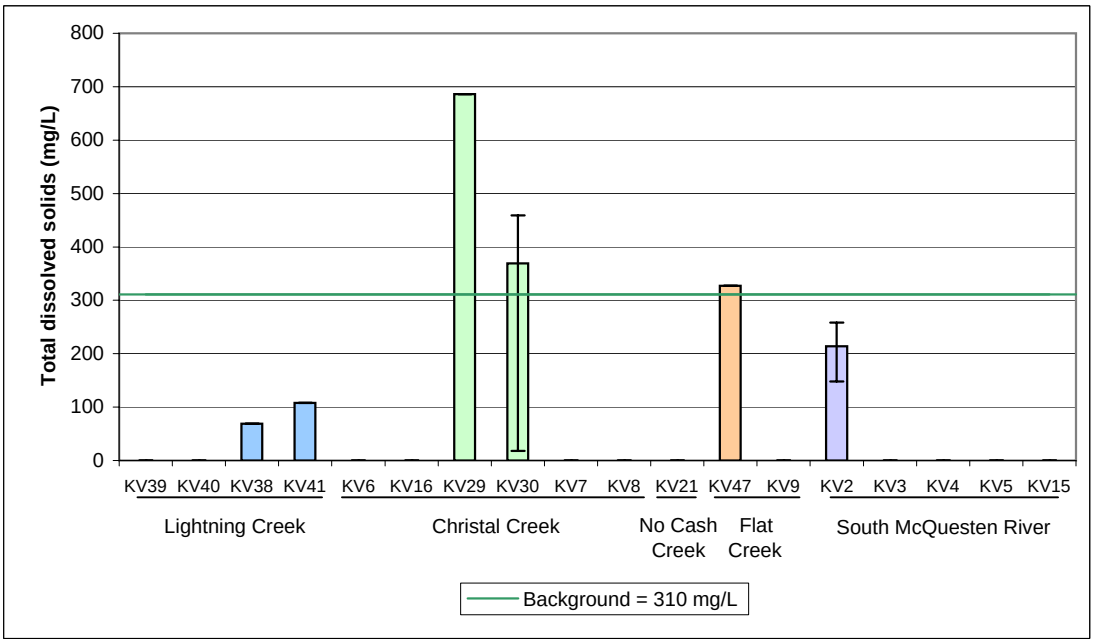


Figure A.43: Total Dissolved Solids (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.67: Total Suspended Solids (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > Background	% > DL, > Background	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	2	3	3	0.7	2.0	3.0	2
KV40	0	0	2	2	2	0.7	1.0	2.0	2
KV38	0	0	8	3	2	1.9	1.0	6.5	6
KV41	0	38	21	24	12	25	2.0	88	2
KV6	0	15	73	14	4	24	1.0	124	20
KV16	0	7	27	8	4	11	2.0	52	4
KV29	0	46	24	153	11	386	2.0	1480	3
KV30	0	18	28	16	5	25	1.0	117	7
KV7	0	12	75	10	5	13	1.0	56	15
KV8	0	0	29	3	2	3	1.0	14	18
KV21	0	0	2	5	5	6	1.0	9	1
KV47	0	63	16	38	40	30	2.0	82	2
KV9	0	0	18	4	2	3	1.0	12	9
KV2	0	8	62	7	4	9	0.0	36	18
KV3	0	0	21	5	5	6	1.0	24	16
KV4	0	2	49	6	4	6	1.0	36	6
KV5	0	4	27	6	2	9	1.0	36	17
KV15	0	29	14	21	3	33	1.0	100	7

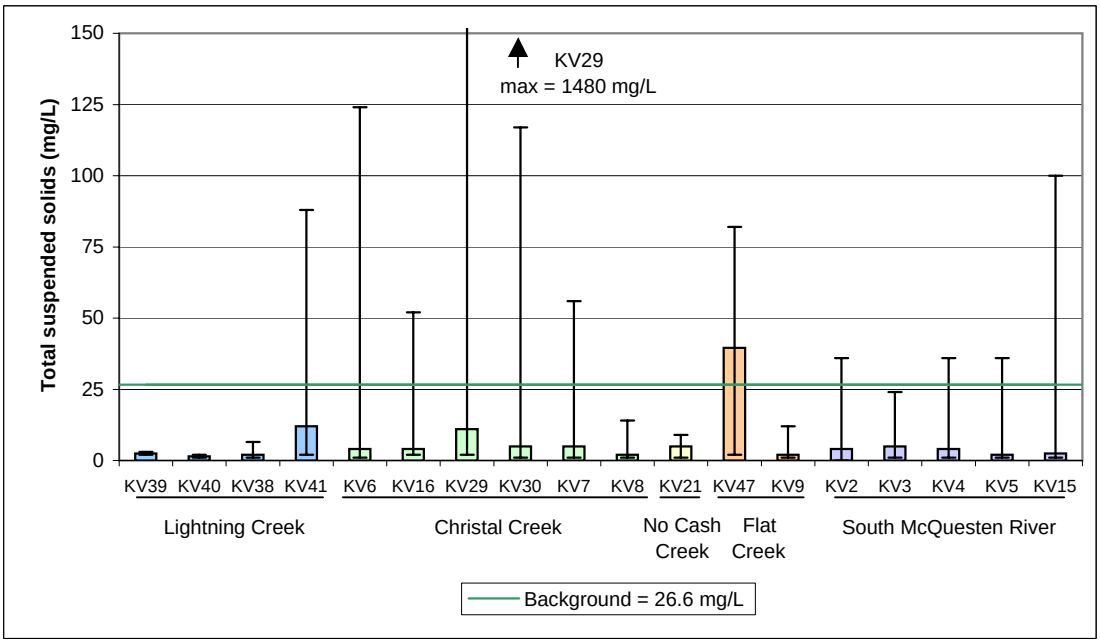


Figure A.44: Total Suspended Solids (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.68: Uranium (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004 - 2007.

Station	% < DL, > PWQO	% > DL, > PWQO	% >Background, >PWQO	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.0004	0.0004	0.0001	0.0003	0.001	1
KV40	0	0	0	1	0.0005	0.0005	-	0.0005	0.0005	1
KV38	0	0	0	9	0.0006	0.0005	0.0005	0.0001	0.002	8
KV41	0	0	0	10	0.0006	0.0006	0.0002	0.0002	0.001	3
KV6	0	58	58	36	0.0051	0.0052	0.0015	0.0014	0.007	0
KV16	0	43	43	35	0.0051	0.0050	0.0017	0.0010	0.010	0
KV29	0	14	14	35	0.0031	0.0024	0.0020	0.0005	0.008	5
KV30	0	41	41	34	0.0047	0.0049	0.0011	0.0015	0.006	0
KV7	0	0	0	36	0.0028	0.0027	0.0010	0.0006	0.005	2
KV8	0	0	0	33	0.0026	0.0027	0.0011	0.0005	0.005	2
KV21	0	0	0	1	0.0045	0.0045	-	0.0045	0.005	0
KV47	0	0	0	3	0.0009	0.0010	0.0005	0.0004	0.001	1
KV9	0	0	0	11	0.0010	0.0010	0.0003	0.0002	0.001	0
KV2	0	0	0	25	0.0008	0.0008	0.0002	0.0005	0.001	2
KV3	0	0	0	11	0.0009	0.0008	0.0002	0.0004	0.001	1
KV4	0	0	0	10	0.0008	0.0008	0.0002	0.0003	0.001	0
KV5	0	0	0	21	0.0009	0.0009	0.0002	0.0005	0.001	2
KV15	0	0	0	12	0.0008	0.0008	0.0002	0.0005	0.001	1

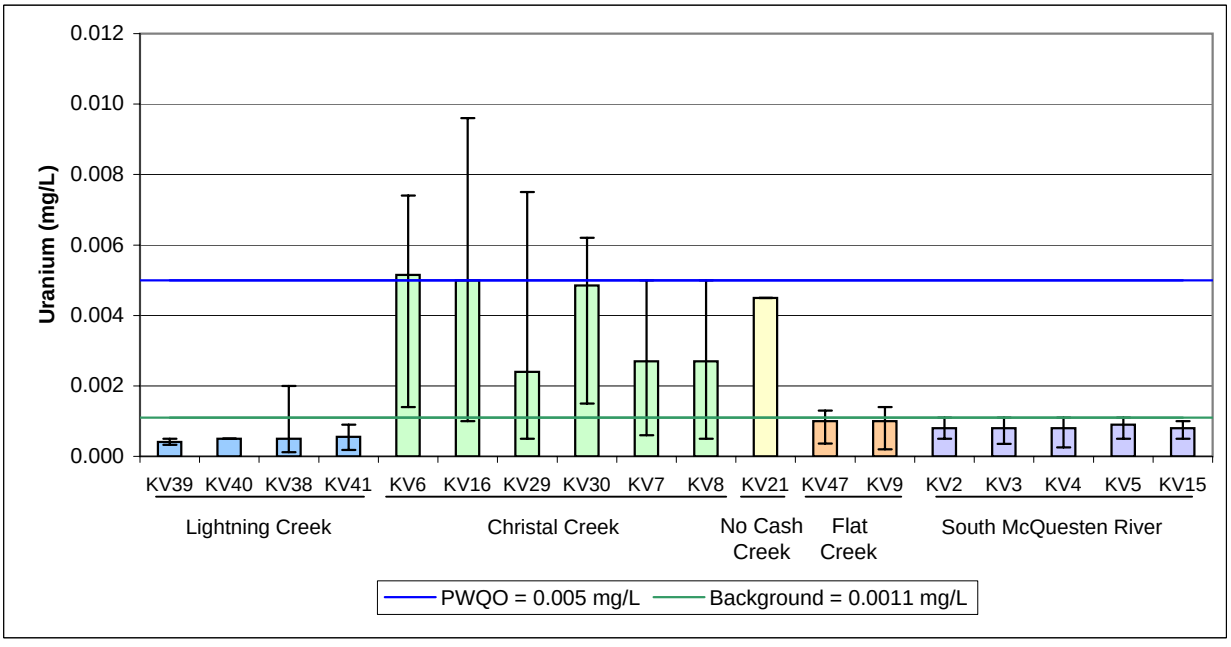


Figure A.45: Uranium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 2004 - 2007.

Table A.69: Vanadium (mg/L) Summary Statistics for Receiving Environment Stations, July 20, 2004-2007.

Station	% < DL, > PWQO	% > DL, > PWQO	% >Background, >PWQO	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	2	0.0006	0.0006	0.0006	0.0001	0.0010	2
KV40	0	0	0	1	0.0001	0.0001	0.0000	0.0001	0.0001	1
KV38	0	0	0	9	0.0003	0.0001	0.0003	0.0001	0.0010	4
KV41	0	0	0	10	0.0015	0.0006	0.0019	0.0001	0.0060	1
KV6	0	0	0	35	0.0004	0.0002	0.0004	0.0001	0.0017	9
KV16	0	3	2	35	0.0009	0.0004	0.0013	0.0001	0.0061	2
KV29	0	12	12	34	0.0022	0.0005	0.0034	0.0001	0.0139	2
KV30	0	0	0	32	0.0008	0.0004	0.0008	0.0001	0.0035	3
KV7	0	0	0	34	0.0005	0.0003	0.0007	0.0001	0.0032	5
KV8	0	0	0	31	0.0004	0.0002	0.0004	0.0001	0.0022	7
KV21	0	0	0	1	0.0006	0.0006	0.0000	0.0006	0.0006	0
KV47	0	0	0	3	0.0018	0.0016	0.0018	0.0001	0.0036	0
KV9	0	0	0	11	0.0002	0.0001	0.0003	0.0001	0.0010	5
KV2	0	0	0	25	0.0004	0.0002	0.0004	0.0001	0.0014	5
KV3	0	0	0	12	0.0005	0.0003	0.0005	0.0001	0.0018	2
KV4	0	0	0	11	0.0004	0.0002	0.0004	0.0001	0.0010	3
KV5	0	0	0	22	0.0004	0.0003	0.0004	0.0001	0.0017	2
KV15	0	0	0	12	0.0004	0.0002	0.0005	0.0001	0.0017	2

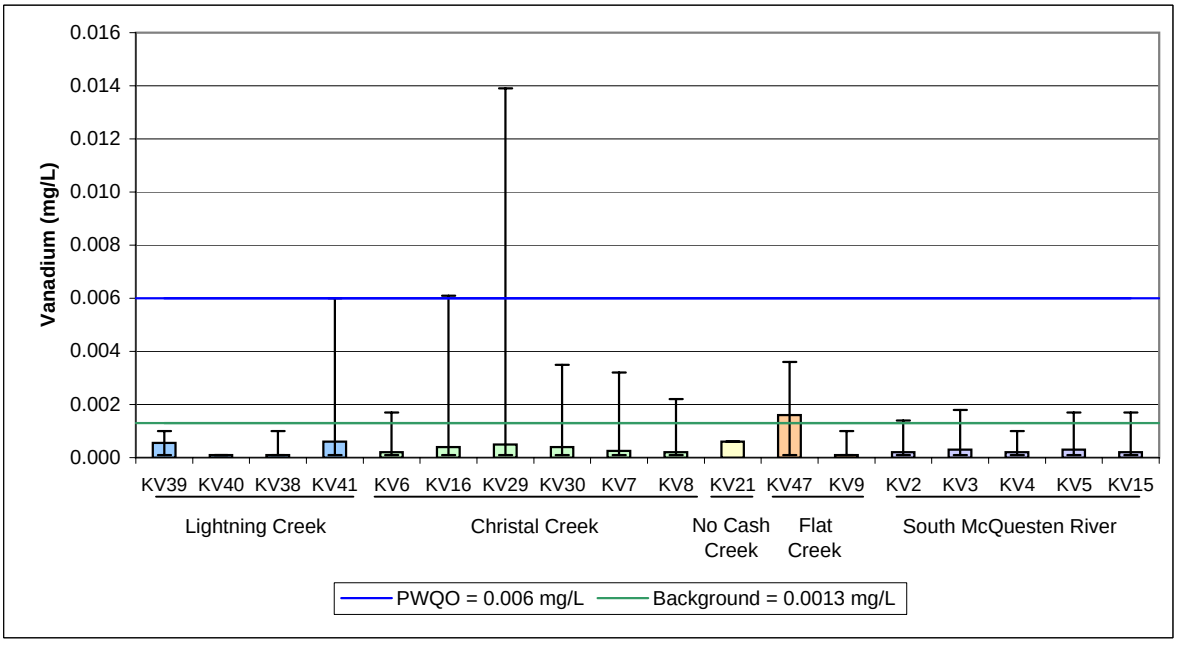


Figure A.46: Vanadium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, July 20, 1004 - 2007.

Table A.70: Zinc (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > CWQG	% > DL, > CWQG	% >Background, >CWQG	n	mean	median	stdev	min	max	n <MDL
KV39	0	100	100	2	0.32	0.32	0.065	0.271	0.36	0
KV40	0	0	0	2	0.01	0.01	0.004	0.003	0.01	0
KV38	0	30	0	10	0.03	0.03	0.013	0.014	0.05	0
KV41	0	47	11	19	0.05	0.03	0.068	0.004	0.28	0
KV6	0	91	78	81	0.33	0.26	0.275	0.001	1.75	0
KV16	0	100	95	42	0.81	0.29	1.305	0.135	5.41	0
KV29	0	100	100	42	11.7	4.31	17.78	0.658	65.5	0
KV30	0	100	95	41	1.02	0.42	1.413	0.111	5.79	0
KV7	0	100	85	79	0.34	0.27	0.238	0.048	1.31	0
KV8	0	100	98	40	0.42	0.32	0.341	0.118	1.86	0
KV21	0	100	100	2	3.95	3.95	1.146	3.140	4.76	0
KV47	0	94	94	16	0.25	0.24	0.116	0.003	0.44	0
KV9	0	78	19	27	0.09	0.05	0.084	0.020	0.30	0
KV2	0	72	6	50	0.06	0.04	0.057	0.010	0.36	0
KV3	0	75	4	24	0.05	0.04	0.036	0.016	0.19	0
KV4	0	74	11	46	0.07	0.04	0.063	0.010	0.29	0
KV5	0	45	0	29	0.03	0.03	0.015	0.010	0.07	0
KV15	0	25	0	16	0.02	0.02	0.017	0.003	0.06	0

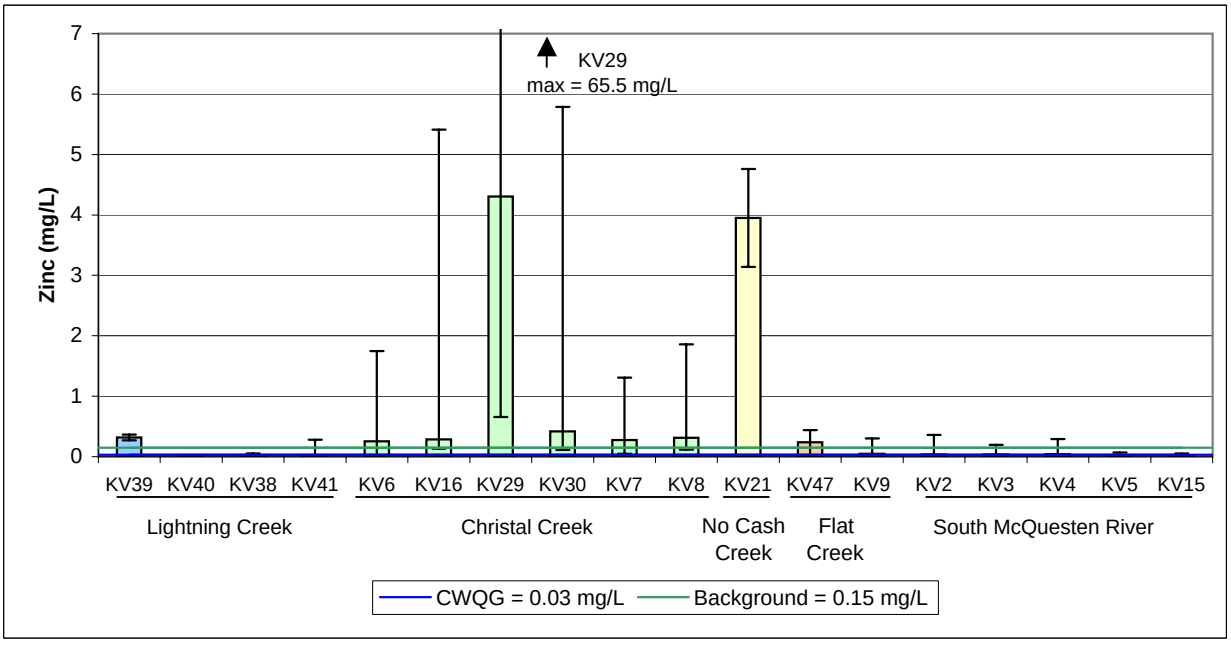


Figure A.47: Zinc (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.71: Zirconium (mg/L) Summary Statistics for Receiving Environment Stations, 1994-2007.

Station	% < DL, > PWQO	% > DL, > PWQO	% >Background, >PWQO	n	mean	median	stdev	min	max	n <MDL
KV39	0	0	0	1	0.001	0.001	-	0.001	0.001	1
KV40	0	0	0	1	0.001	0.001	-	0.001	0.001	1
KV38	0	0	0	7	0.001	0.001	0.000	0.001	0.001	7
KV41	0	0	0	9	0.001	0.001	0.000	0.001	0.002	7
KV6	0	0	0	34	0.001	0.001	0.000	0.001	0.002	34
KV16	0	0	0	36	0.001	0.001	0.000	0.001	0.003	35
KV29	0	0	0	32	0.001	0.001	0.000	0.001	0.002	27
KV30	0	0	0	33	0.001	0.001	0.000	0.001	0.002	32
KV7	0	0	0	34	0.001	0.001	0.000	0.001	0.002	30
KV8	0	0	0	31	0.001	0.001	0.000	0.001	0.002	30
KV21	0	0	0	1	0.001	0.001	-	0.001	0.001	1
KV47	0	0	0	2	0.002	0.002	0.001	0.001	0.002	2
KV9	0	0	0	10	0.001	0.001	0.000	0.001	0.001	10
KV2	0	0	0	28	0.001	0.001	0.000	0.001	0.001	27
KV3	0	0	0	15	0.001	0.001	0.000	0.001	0.002	14
KV4	0	0	0	9	0.001	0.001	0.000	0.001	0.001	9
KV5	0	0	0	24	0.001	0.001	0.000	0.001	0.002	23
KV15	0	0	0	12	0.001	0.001	0.000	0.001	0.002	11

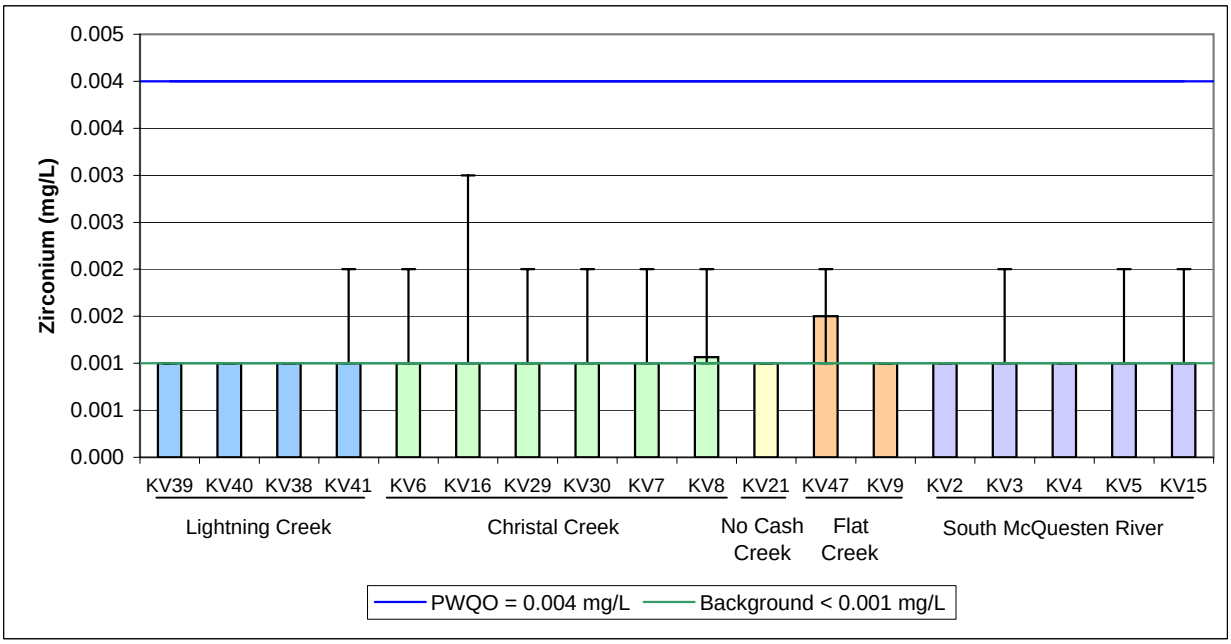


Figure A.48: Zirconium (mg/L) Median Values with Minimum and Maximum for Receiving Environment Stations, 1994 - 2007.

Table A.72: Ratio of median over guideline and/or background for receiving environment parameters. Bolded if ratio > 1 for both guideline and background[1] and highlighted if ratio ≥ 2.

		Aluminum		Ammonia		Antimony		Arsenic		Barium	
	Unit	mg/L		mg/L		mg/L		mg/L		mg/L	
	Criteria	CWQG[a,b]	Background[c]	CWQG[a,d]	na	PWQO[e,f]	Background[g]	CWQG[a]	Background[h]	BCWQG[i,j]	Background[c]
Watercourse	**Station**	0.1	0.66	0.24	na	0.02	< 0.0002	0.005	0.0034	1	0.089
Lightning Creek	**KV39**	0.1	0.0	0.0	-	0.1	9.1	**1.8**	**2.7**	0.0	0.5
	KV40	0.1	0.0	0.1	-	0.0	1.0	0.2	0.3	0.4	4.0
	KV38	0.1	0.0	0.1	-	0.0	1.5	0.6	0.9	0.1	0.6
	KV41	0.9	0.1	0.1	-	0.0	1.3	0.6	0.9	0.1	0.6
Christal Creek	**KV6**	0.2	0.0	0.2	-	0.0	2.0	0.7	1.0	0.1	0.7
	KV16	0.7	0.1	0.1	-	0.0	1.5	0.7	1.0	0.1	0.7
	KV29	1.1	0.2	0.2	-	0.0	1.0	0.2	0.3	0.0	0.4
	KV30	0.7	0.1	0.1	-	0.0	1.5	0.7	1.0	0.1	0.7
	KV7	0.3	0.0	0.2	-	0.0	1.3	0.4	0.6	0.1	0.6
	KV8	0.1	0.0	0.1	-	0.0	2.0	0.5	0.8	0.1	0.6
No Cash Creek	**KV21**	**50.9**	**7.7**	0.1	-	0.1	8.0	1.0	1.4	0.0	0.3
Flat Creek	**KV47**	4.9	0.7	0.4	-	0.0	3.0	1.0	1.5	0.0	0.5
	KV9	0.1	0.0	0.2	-	0.0	3.0	0.4	0.6	0.1	0.7
South McQuesten River	**KV2**	0.5	0.1	0.2	-	0.0	1.0	0.3	0.5	0.1	0.7
	KV3	0.7	0.1	0.2	-	0.0	1.0	0.4	0.6	0.1	0.7
	KV4	0.8	0.1	0.2	-	0.0	1.0	0.4	0.6	0.1	0.7
	KV5	0.3	0.1	0.1	-	0.0	1.0	0.7	1.0	0.1	0.8
	KV15	0.2	0.0	0.2	-	0.0	1.3	0.9	1.3	0.1	0.8

Table A.72: Ratio of median over guideline and/or background for receiving environment parameters. Bolded if ratio > 1 for both guideline and background[1] and highlighted if ratio ≥ 2.

		Beryllium		Bicarbonate		Bismuth		Boron		Cadmium	
	Unit	mg/L		mg/L		mg/L		mg/L		mg/L	
	Criteria	BCWQG[i,j]	na	na	Background[c]	na	na	PWQO[e,f]	Background[c]	CWQG[a,k]	Background[h]
Watercourse	**Station**	0.0053	na	na	222	na	na	0.2	0.013	0.00005	0.0006
Lightning Creek	**KV39**	0.1	-	-	0.0	-	-	0.0	0.5	**76.8**	**6.3**
	KV40	0.1	**-**	**-**	0.1	**-**	**-**	0.0	0.2	0.8	0.1
	KV38	0.0	-	-	0.2	-	-	0.0	0.3	4.1	0.3
	KV41	0.0	-	-	0.3	-	-	0.0	0.2	3.2	0.3
Christal Creek	**KV6**	0.0	-	-	0.7	-	-	0.0	0.2	**32.3**	**2.6**
	KV16	0.0	-	-	0.8	-	-	0.0	0.2	**29.8**	**2.4**
	KV29	0.0	-	-	0.5	-	-	0.0	0.2	**129.4**	**10.6**
	KV30	0.0	-	-	0.7	-	-	0.0	0.2	**32.2**	**2.6**
	KV7	0.0	-	-	0.8	-	-	0.0	0.2	**23.1**	**1.9**
	KV8	0.0	-	-	0.8	-	-	0.0	0.2	**26.4**	**2.2**
No Cash Creek	**KV21**	0.2	**-**	**-**	0.4	**-**	**-**	0.1	1.5	**975.5**	**79.7**
Flat Creek	**KV47**	0.1	-	-	0.6	-	-	0.1	0.8	**52.0**	**4.3**
	KV9	0.0	-	-	1.1	-	-	0.0	0.2	7.3	0.6
South McQuesten River	**KV2**	0.0	-	-	0.7	-	-	0.0	0.2	3.7	0.3
	KV3	0.0	-	-	0.6	-	-	0.0	0.3	5.0	0.4
	KV4	0.0	-	-	0.7	-	-	0.0	0.2	5.5	0.5
	KV5	0.0	-	-	0.7	-	-	0.0	0.2	3.1	0.3
	KV15	0.0	-	-	0.7	-	-	0.0	0.2	1.6	0.1

Table A.72: Ratio of median over guideline and/or background for receiving environment parameters. Bolded if ratio > 1 for both guideline and background[1] and highlighted if ratio ≥ 2.

		Calcium		Carbonate		Chromium		Cobalt		Conductivity	
	Unit	mg/L		mg/L		mg/L		mg/L		uS/cm	
	Criteria	na	Background[c]	na	na	CWQG[a,l]	Background[h]	BCWQG[i,j]	Background[h]	na	Background[c]
Watercourse	**Station**	na	69.9	na	na	0.001	0.0006	0.004	0.0028	na	494
Lightning Creek	**KV39**	-	0.4	-	-	0.5	0.8	0.0	0.0	-	-
	KV40	-	0.6	-	-	0.5	0.8	0.0	0.0	-	-
	KV38	-	0.3	-	-	0.5	0.8	0.0	0.0	-	0.3
	KV41	-	0.4	-	-	0.5	0.8	0.1	0.1	-	0.4
Christal Creek	**KV6**	-	1.7	-	-	0.5	0.8	0.1	0.1	-	1.3
	KV16	-	2.0	-	-	0.5	0.8	0.2	0.2	-	1.7
	KV29	-	4.6	-	-	0.5	0.8	0.3	0.4	-	3.1
	KV30	-	2.1	-	-	0.5	0.8	0.2	0.2	-	1.7
	KV7	-	1.6	-	-	0.5	0.8	0.1	0.1	-	1.1
	KV8	-	1.5	-	-	0.5	0.8	0.1	0.1	-	1.4
No Cash Creek	**KV21**	-	2.3	-	-	**2.4**	**3.8**	0.7	1.0	-	-
Flat Creek	**KV47**	-	1.7	-	-	0.9	1.4	0.2	0.3	-	1.6
	KV9	-	1.3	-	-	0.5	0.8	0.0	0.0	-	1.2
South McQuesten River	**KV2**	-	0.7	-	-	0.5	0.8	0.1	0.1	-	0.8
	KV3	-	0.7	-	-	0.5	0.8	0.1	0.1	-	0.6
	KV4	-	0.8	-	-	0.5	0.8	0.1	0.1	-	0.7
	KV5	-	0.7	-	-	0.5	0.8	0.1	0.1	-	0.8
	KV15	-	0.7	-	-	0.5	0.8	0.0	0.0	-	0.9

Table A.72: Ratio of median over guideline and/or background for receiving environment parameters. Bolded if ratio > 1 for both guideline and background[1] and highlighted if ratio ≥ 2.

		Copper		Hardness		Hydroxide		Iron		Lead	
	Unit	mg/L		mg/L		mg/L		mg/L		mg/L	
	Criteria	CWQG[a,k]	Background[h]	na	Background[c]	na	na	CWQG[a]	Background[c]	CWQG[a,k]	Background[h]
Watercourse	**Station**	0.003	0.0071	na	279	na	na	0.3	0.72	0.004	0.0021
Lightning Creek	**KV39**	0.5	0.2	-	0.4	-	-	0.2	0.1	0.9	1.7
	KV40	0.3	0.1	-	0.6	-	-	0.2	0.1	0.0	0.0
	KV38	0.3	0.1	-	0.2	-	-	0.3	0.1	0.1	0.2
	KV41	0.3	0.1	-	0.3	-	-	1.6	0.7	0.4	0.8
Christal Creek	**KV6**	0.3	0.1	-	1.5	-	-	0.7	0.3	**1.2**	**2.3**
	KV16	0.3	0.1	-	1.7	-	-	1.0	0.4	1.0	1.8
	KV29	0.7	0.3	-	3.7	-	-	1.0	0.4	0.3	0.6
	KV30	0.3	0.1	-	1.8	-	-	1.2	0.5	0.9	1.7
	KV7	0.3	0.1	-	1.4	-	-	0.7	0.3	0.4	0.7
	KV8	0.3	0.1	-	1.3	-	-	0.4	0.2	0.4	0.8
No Cash Creek	**KV21**	**2.7**	**1.1**	-	1.8	-	-	1.9	0.8	**1.3**	**2.5**
Flat Creek	**KV47**	1.3	0.6	-	1.5	-	-	**3.9**	**1.6**	0.9	1.8
	KV9	0.3	0.1	-	1.1	-	-	0.5	0.2	0.8	1.6
South McQuesten River	**KV2**	0.3	0.1	-	0.8	-	-	0.7	0.3	0.2	0.3
	KV3	0.5	0.2	-	0.8	-	-	0.7	0.3	0.3	0.6
	KV4	0.7	0.3	-	0.8	-	-	0.7	0.3	0.4	0.8
	KV5	0.7	0.3	-	0.7	-	-	0.7	0.3	0.3	0.6
	KV15	0.3	0.1	-	0.6	-	-	1.0	0.4	0.3	0.5

Table A.72: Ratio of median over guideline and/or background for receiving environment parameters. Bolded if ratio > 1 for both guideline and background[1] and highlighted if ratio ≥ 2.

		Lithium		Magnesium		Manganese		Molybdenum		Nickel	
	Unit	mg/L		mg/L		mg/L		mg/L		mg/L	
	Criteria	BCWQG[i,j]	Background[h]	na	Background[c]	BCWQG[i,k]	Background[c]	CWQG[a]	Background[g]	CWQG[a,k]	Background[h]
Watercourse	**Station**	0.096	0.0086	na	24	1.3	0.17	0.073	< 0.001	0.11	0.025
Lightning Creek	**KV39**	0.0	0.5	-	0.2	0.0	0.0	0.0	0.6	0.0	0.0
	KV40	0.0	0.2	-	0.5	0.0	0.0	0.1	5.5	0.0	0.0
	KV38	0.0	0.1	-	0.2	0.0	0.0	0.0	1.0	0.0	0.0
	KV41	0.0	0.2	-	0.2	0.0	0.1	0.0	1.0	0.0	0.0
Christal Creek	**KV6**	0.1	1.4	-	0.9	0.4	3.3	0.0	1.0	0.0	0.1
	KV16	0.1	1.5	-	1.0	0.6	4.3	0.0	1.0	0.0	0.2
	KV29	0.2	1.9	-	2.2	**1.2**	**9.5**	0.0	1.0	0.2	0.7
	KV30	0.1	1.4	-	1.1	0.7	5.4	0.0	1.0	0.0	0.2
	KV7	0.1	0.9	-	0.9	0.2	1.4	0.0	1.0	0.0	0.1
	KV8	0.1	0.8	-	0.8	0.2	1.5	0.0	1.0	0.0	0.1
No Cash Creek	**KV21**	0.2	2.3	-	1.0	**2.5**	**18.8**	0.1	5.5	0.2	1.0
Flat Creek	**KV47**	0.1	1.2	-	1.0	0.9	6.5	0.1	5.0	0.0	0.1
	KV9	0.1	0.6	-	0.9	0.0	0.3	0.0	1.0	0.0	0.0
South McQuesten River	**KV2**	0.1	0.6	-	0.6	0.1	0.4	0.0	1.0	0.1	0.2
	KV3	0.1	0.6	-	0.6	0.1	0.4	0.0	1.0	0.0	0.2
	KV4	0.1	0.6	-	0.6	0.1	0.5	0.0	1.0	0.0	0.2
	KV5	0.0	0.5	-	0.6	0.1	0.4	0.0	1.0	0.0	0.1
	KV15	0.1	0.6	-	0.5	0.1	0.4	0.0	1.0	0.0	0.1

Table A.72: Ratio of median over guideline and/or background for receiving environment parameters. Bolded if ratio > 1 for both guideline and background[1] and highlighted if ratio ≥ 2.

		Nitrate		Nitrite		Phosphorus[m]		Potassium		Selenium	
	Unit	mg/L		mg/L		mg/L		mg/L		mg/L	
	Criteria	CWQG[a]	na	CWQG[a]	na	PWQO[e,f]	Background[c]	BCWQG[i]	Background[n]	CWQG[a]	Background[h]
Watercourse	**Station**	13	na	0.06	na	0.03	0.23	432	1.05	0.001	0.0008
Lightning Creek	**KV39**	0.0	-	**2.3**	-	**-**	-	0.0	1.1	0.9	1.1
	KV40	0.0	-	-	-	2.0	0.3	0.0	0.3	**1.4**	**1.8**
	KV38	0.0	-	0.7	-	2.0	0.3	0.0	0.4	0.6	0.8
	KV41	0.0	-	0.5	-	2.0	0.3	0.0	0.4	0.8	0.9
Christal Creek	**KV6**	0.0	-	0.8	-	2.0	0.3	0.0	0.4	0.9	1.1
	KV16	0.0	-	**1.3**	-	**15.0**	**2.0**	0.0	0.6	0.7	0.9
	KV29	0.0	-	**3.5**	-	5.3	0.7	0.0	0.6	0.4	0.5
	KV30	0.0	-	**1.5**	-	4.0	0.5	0.0	0.5	0.8	1.0
	KV7	0.0	-	0.8	-	2.3	0.3	0.0	0.5	0.7	0.9
	KV8	0.0	-	0.6	-	2.0	0.3	0.0	0.5	0.7	0.9
No Cash Creek	**KV21**	0.0	-	**1.2**	-	2.0	0.3	0.0	0.5	0.9	1.1
Flat Creek	**KV47**	0.0	-	0.5	-	2.0	0.3	0.0	0.8	0.7	0.9
	KV9	0.0	-	0.3	-	2.0	0.3	0.0	0.6	0.2	0.3
South McQuesten River	**KV2**	0.0	-	0.5	-	2.0	0.3	0.0	0.6	0.5	0.6
	KV3	0.0	-	0.1	-	2.0	0.3	0.0	0.7	0.5	0.6
	KV4	0.0	-	0.1	-	2.0	0.3	0.0	0.6	0.5	0.6
	KV5	0.0	-	0.5	-	2.0	0.3	0.0	0.6	0.4	0.5
	KV15	0.0	-	0.5	-	2.0	0.3	0.0	0.6	0.3	0.4

Table A.72: Ratio of median over guideline and/or background for receiving environment parameters. Bolded if ratio > 1 for both guideline and background[1] and highlighted if ratio ≥ 2.

		Silicon		Silver		Sodium		Strontium		Sulphate	
	Unit	mg/L		mg/L		mg/L		mg/L		mg/L	
	Criteria	na	Background[c]	CWQG[a]	Background[g]	na	Background[c]	na	Background[c]	BCWQG[i]	Background[h]
Watercourse	**Station**	na	3.9	0.0001	< 0.0001	na	3.3	na	0.3	50	107
Lightning Creek	**KV39**	-	0.6	0.7	0.7	-	0.4	-	0.3	1.1	0.5
	KV40	-	0.7	1.0	1.0	-	0.2	-	0.5	0.0	0.0
	KV38	-	0.7	1.0	1.0	-	0.3	-	0.3	0.7	0.3
	KV41	-	0.9	1.0	1.0	-	0.3	-	0.3	1.0	0.5
Christal Creek	**KV6**	-	0.9	1.0	1.0	-	0.4	-	0.7	**5.6**	**2.6**
	KV16	-	1.0	1.0	1.0	-	0.5	-	0.9	**6.4**	**3.0**
	KV29	-	1.0	1.0	1.0	-	0.6	-	1.9	**18.0**	**8.4**
	KV30	-	1.0	1.0	1.0	-	0.5	-	1.0	**6.8**	**3.2**
	KV7	-	0.9	1.0	1.0	-	0.5	-	0.8	**5.0**	**2.4**
	KV8	-	0.7	1.0	1.0	-	0.4	-	0.8	**4.8**	**2.2**
No Cash Creek	**KV21**	-	0.8	1.0	1.0	-	0.3	-	0.8	0.0	0.0
Flat Creek	**KV47**	-	0.7	**11.2**	**11.2**	-	0.6	-	0.9	1.2	0.5
	KV9	-	0.7	1.0	1.0	-	0.6	-	0.7	**2.8**	**1.3**
South McQuesten River	**KV2**	-	0.5	1.0	1.0	-	0.6	-	0.7	1.7	0.8
	KV3	-	0.5	1.0	1.0	-	0.5	-	0.6	1.9	0.9
	KV4	-	0.6	1.0	1.0	-	0.5	-	0.6	1.7	0.8
	KV5	-	0.6	1.0	1.0	-	0.6	-	0.7	1.6	0.7
	KV15	-	0.8	1.0	1.0	-	0.5	-	0.7	1.3	0.6

Table A.72: Ratio of median over guideline and/or background for receiving environment parameters. Bolded if ratio > 1 for both guideline and background[1] and highlighted if ratio ≥ 2.

		Sulphur		Thallium		Thorium		Tin		Titanium	
	Unit	mg/L		mg/L		mg/L		mg/L		mg/L	
	Criteria	na	Background[c]	CWQG[a]	Background[g]	na	na	na	Background[g]	BCWQG[i,j]	Background[c]
Watercourse	**Station**	na	35	0.0008	< 0.00005	na	na	na	< 0.001	2	0.035
Lightning Creek	**KV39**	-	0.6	0.1	1.5	-	-	-	0.6	0.0	0.2
	KV40	-	1.1	0.1	1.0	-	-	-	1.0	0.0	0.0
	KV38	-	0.3	0.1	1.0	-	-	-	1.0	0.0	0.0
	KV41	-	0.4	0.1	1.0	-	-	-	1.0	0.0	0.4
Christal Creek	**KV6**	-	2.4	0.1	1.0	-	-	-	1.0	0.0	0.2
	KV16	-	2.9	0.1	1.0	-	-	-	1.0	0.0	0.3
	KV29	-	8.8	0.1	1.0	-	-	-	1.0	0.0	0.7
	KV30	-	3.1	0.1	1.0	-	-	-	1.0	0.0	0.3
	KV7	-	2.1	0.1	1.0	-	-	-	1.0	0.0	0.1
	KV8	-	1.9	0.1	1.0	-	-	-	1.0	0.0	0.2
No Cash Creek	**KV21**	-	3.3	0.3	4.4	-	-	-	1.0	0.0	0.1
Flat Creek	**KV47**	-	2.0	0.1	2.0	-	-	-	0.6	0.0	0.3
	KV9	-	1.2	0.1	1.0	-	-	-	1.0	0.0	0.1
South McQuesten River	**KV2**	-	0.7	0.1	1.0	-	-	-	1.0	0.0	0.1
	KV3	-	0.6	0.1	1.0	-	-	-	1.0	0.0	0.1
	KV4	-	0.7	0.1	1.0	-	-	-	1.0	0.0	0.1
	KV5	-	0.6	0.1	1.0	-	-	-	1.0	0.0	0.1
	KV15	-	0.5	0.1	1.0	-	-	-	1.0	0.0	0.1

Table A.72: Ratio of median over guideline and/or background for receiving environment parameters. Bolded if ratio > 1 for both guideline and background[1] and highlighted if ratio ≥ 2.

		TDS		TSS		Uranium		Vanadium		Zinc	
	Unit	mg/L		mg/L		mg/L		mg/L		mg/L	
	Criteria	na	Background[c]	na	Background[c]	PWQO[e,f]	Background[h]	PWQO[e,f]	Background[h]	CWQG[a]	Background[c]
Watercourse	**Station**	na	311	na	27	0.005	0.0011	0.006	0.0013	0.03	0.15
Lightning Creek	**KV39**	-	-	-	0.1	0.1	0.4	0.1	0.4	**10.6**	**2.1**
	KV40	-	-	-	0.1	0.1	0.5	0.0	0.1	0.2	0.0
	KV38	-	-	-	0.1	0.1	0.5	0.0	0.1	0.9	0.2
	KV41	-	0.4	-	0.5	0.1	0.5	0.1	0.5	0.9	0.2
Christal Creek	**KV6**	-	-	-	0.2	1.0	4.7	0.0	0.2	**8.5**	**1.7**
	KV16	-	-	-	0.2	1.0	4.5	0.1	0.3	**9.5**	**1.9**
	KV29	-	2.2	-	0.4	0.5	2.2	0.1	0.4	**143.5**	**28.7**
	KV30	-	1.2	-	0.2	1.0	4.4	0.1	0.3	**13.9**	**2.8**
	KV7	-	-	-	0.2	0.5	2.5	0.1	0.2	**9.1**	**1.8**
	KV8	-	-	-	0.1	0.5	2.5	0.0	0.2	**10.5**	**2.1**
No Cash Creek	**KV21**	-	-	-	0.2	0.9	4.1	0.1	0.5	**131.7**	**26.3**
Flat Creek	**KV47**	-	1.1	-	1.5	0.2	0.9	0.3	1.2	**8.0**	**1.6**
	KV9	-	-	-	0.1	0.2	0.9	0.0	0.1	1.6	0.3
South McQuesten River	**KV2**	-	0.7	-	0.2	0.2	0.7	0.0	0.2	1.3	0.3
	KV3	-	-	-	0.2	0.2	0.7	0.1	0.2	1.3	0.3
	KV4	-	-	-	0.2	0.2	0.7	0.0	0.2	1.5	0.3
	KV5	-	-	-	0.1	0.2	0.8	0.1	0.2	0.9	0.2
	KV15	-	-	-	0.1	0.2	0.7	0.0	0.2	0.5	0.1

Table A.72: Ratio of median over guideline and/or background for receiving environment parameters. Bolded if ratio > 1 for both guideline and background[1] and highlighted if ratio ≥ 2.

		Zirconium	
	Unit	mg/L	
	Criteria	PWQO[e]	Background[g]
Watercourse	**Station**	0.004	< 0.001
Lightning Creek	**KV39**	0.3	1.0
	KV40	0.3	1.0
	KV38	0.3	1.0
	KV41	0.3	1.0
Christal Creek	**KV6**	0.3	1.0
	KV16	0.3	1.0
	KV29	0.3	1.0
	KV30	0.3	1.0
	KV7	0.3	1.0
	KV8	0.3	1.1
No Cash Creek	**KV21**	0.3	1.0
Flat Creek	**KV47**	0.4	1.5
	KV9	0.3	1.0
South McQuesten River	**KV2**	0.3	1.0
	KV3	0.3	1.0
	KV4	0.3	1.0
	KV5	0.3	1.0
	KV15	0.3	1.0

[1] If no background available than only ratio with guideline considered.

[a] Canadian Water Quality Guidelines (CCME 1999)

[b] 0.005 mg/L at pH<6.5; 0.1 mg/L at pH ≥ 6.5

[c] 95th percentile of pooled background stations (KV1 & KV37)

[d] based on conservative assumption of pH 8.5 and temperature of 15˚C to achieve un-ionized ammonia of <0.02 mg/L

[e] Provincial Water Quality Objectives (OMOE 1994)

[f] interim objective

[g] <MDL set as background

[h] 95th percentile of pooled background stations (KV1 & KV37) using data from July 20, 2004 - 2007 (excluding elevated <MDL values as required)

[i] British Columbia Water Quality Guidelines (BCMOE 2006)

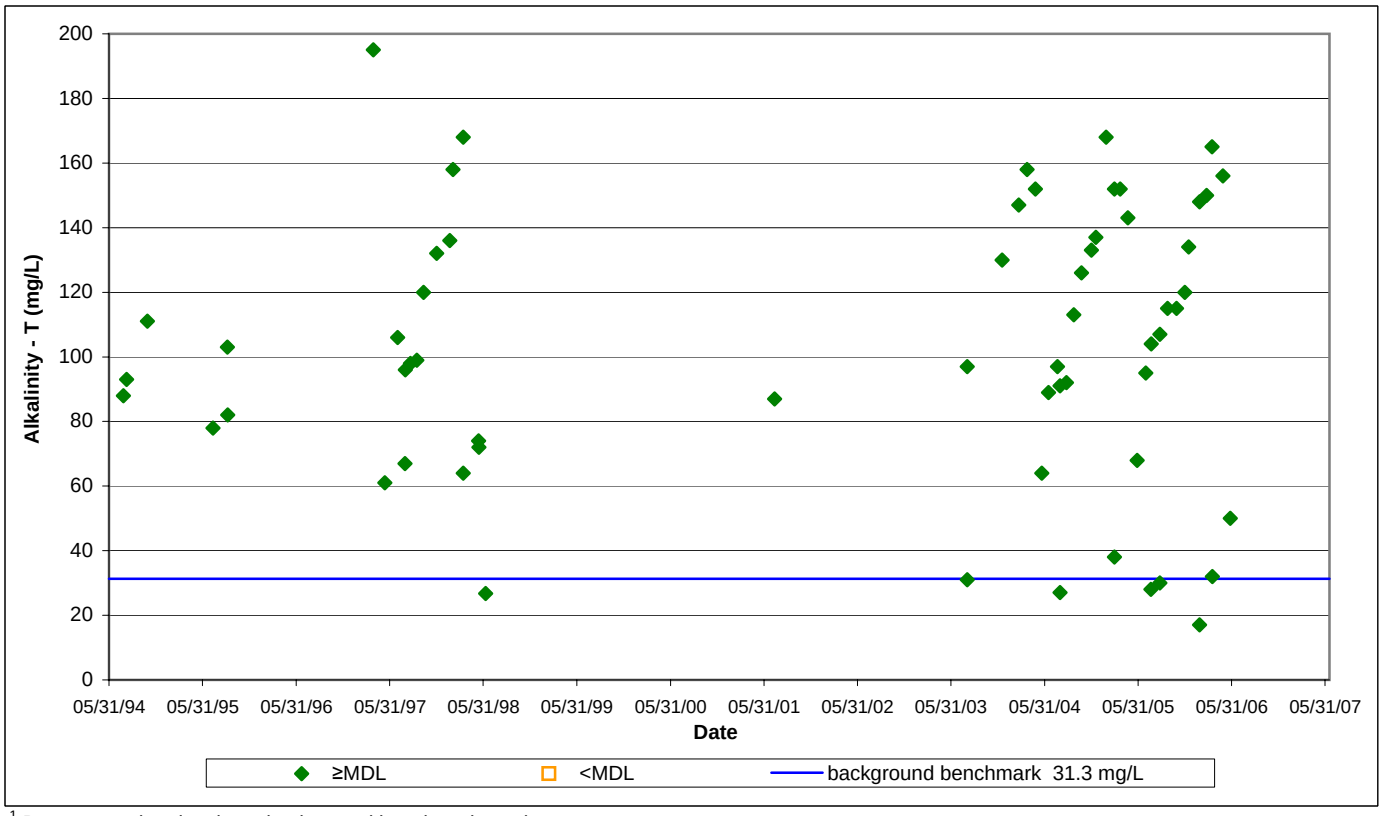
[j] Working water quality guideline for British Columbia

[k] hardness dependent; value of 162 mg/L as $CaCO_3$ used to determine criterion

[l] hexavalent form

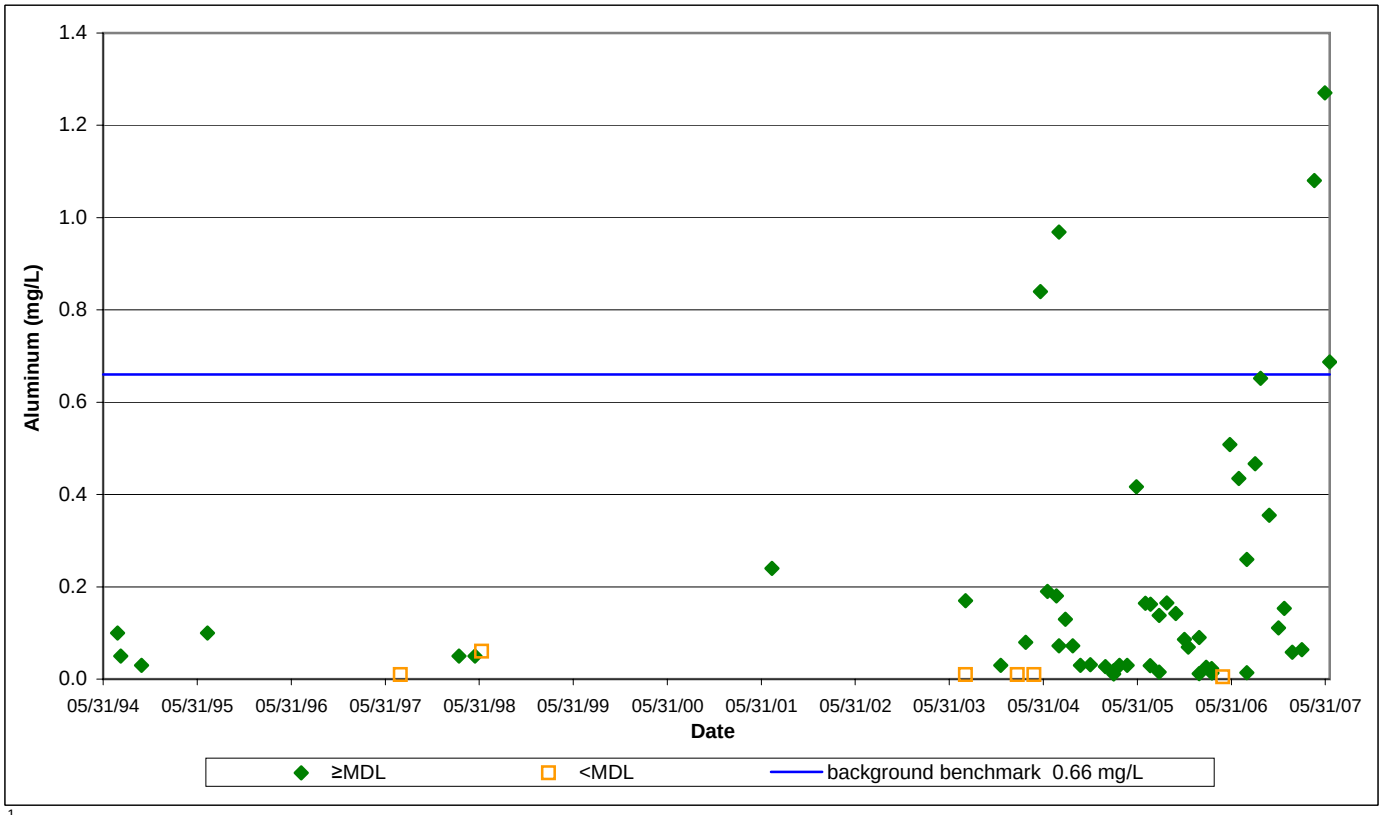
[m] ≥ 50% of samples from KV40, KV38, KV6, KV8, KV21, KV9, KV2, KV3, KV5 and KV15 were <DL, >guideline

[n] 95th percentile of pooled background stations (KV1 & KV37) following removal of elevated <MDL values



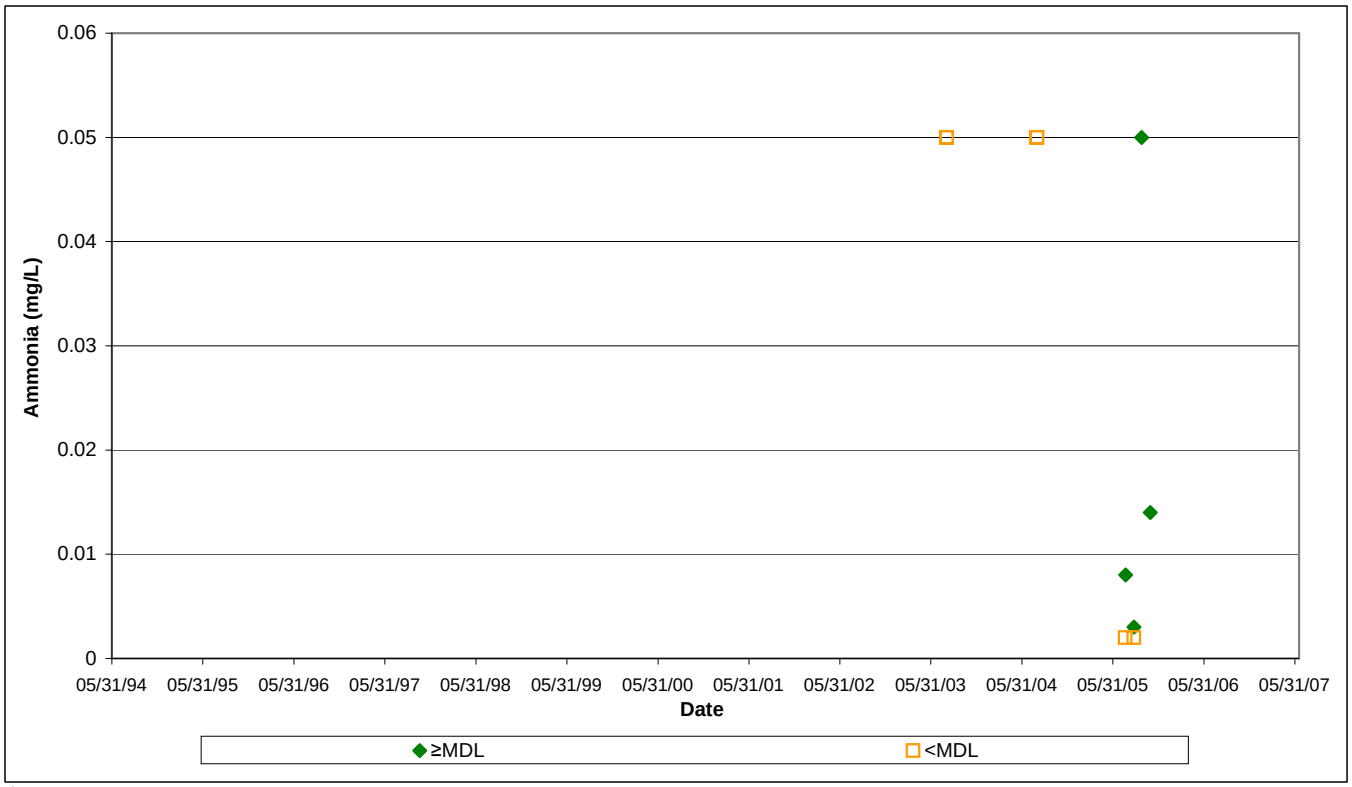
[1] Dataset used to develop a background benchmark as shown

Figure A.49: Scatterplot of alkalinity-T concentrations over time for background stations KV1 & KV37[1].



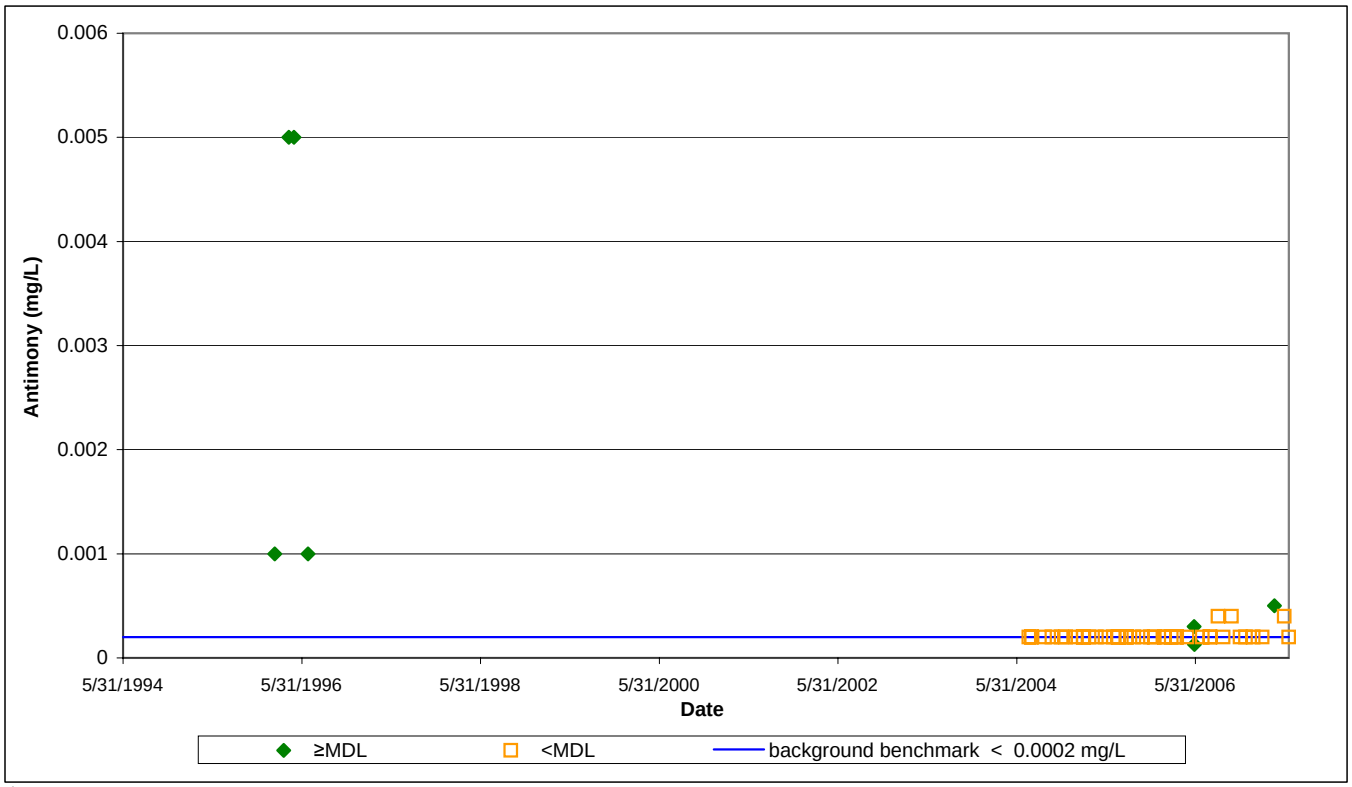
[1] Dataset used to develop a background benchmark as shown

Figure A.50: Scatterplot of aluminum concentrations over time for background stations KV1 & KV37[1].



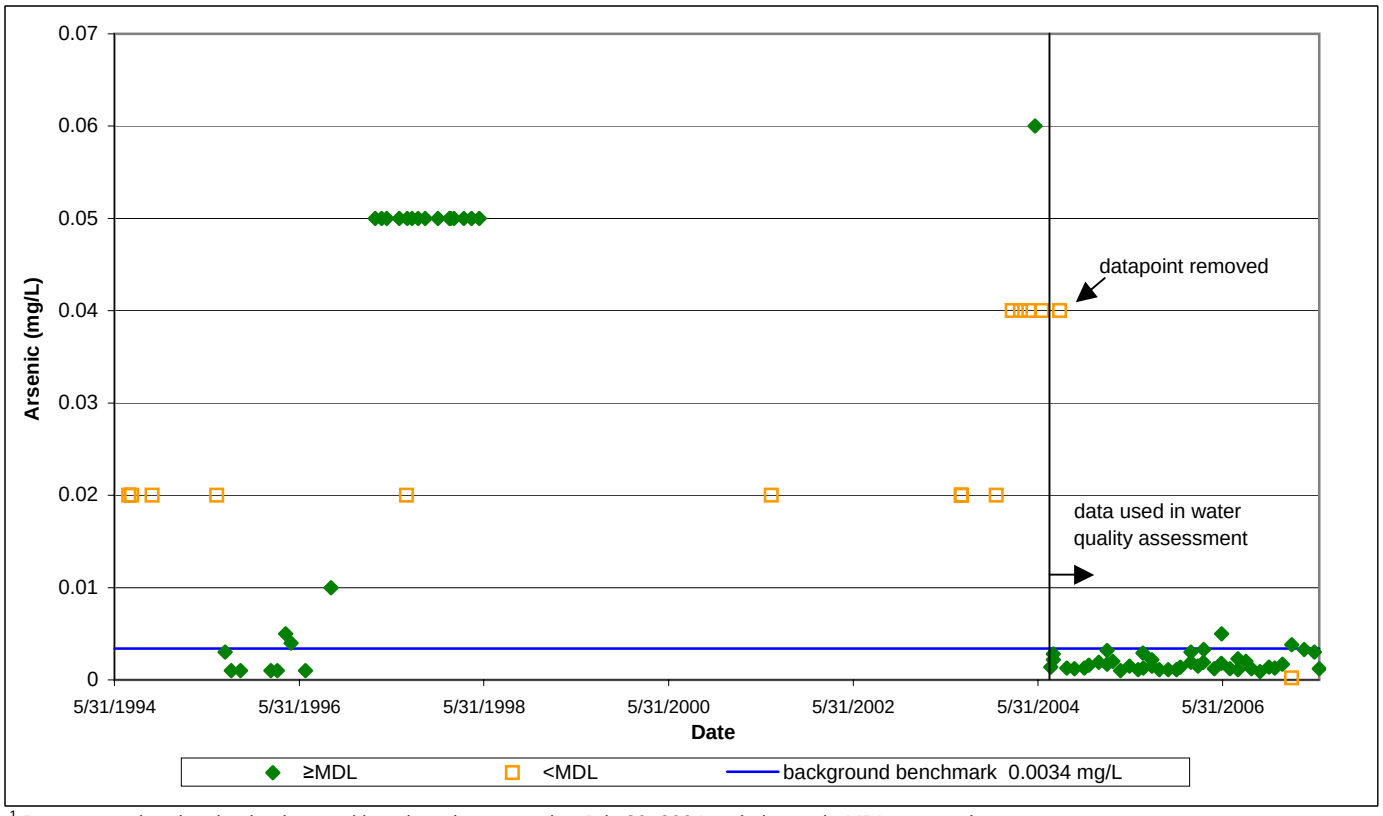
[1] Dataset not used to develop a backgroud benchmark due to the small sample size and variable < MDLs

Figure A.51: Scatterplot of ammonia concentrations over time for background stations KV1 & KV37 [1].



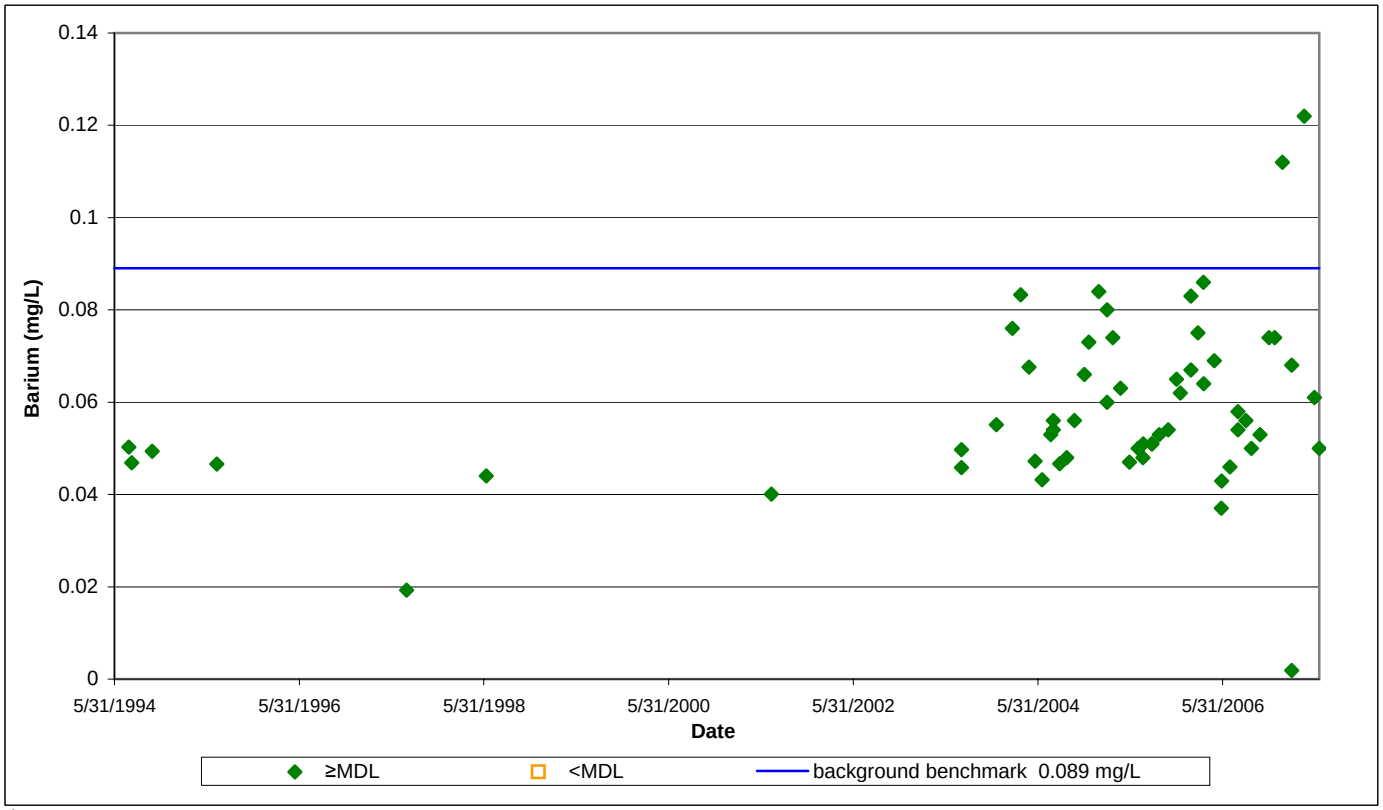
[1] Lowest most recent < MDL value set as background benchmark

Figure A.52: Scatterplot of antimony concentrations over time for background stations KV1 & KV37 [1].



[1] Dataset used to develop background benchmark truncated to July 20, 2004 and elevated <MDL removed

Figure A.53: Scatterplot of arsenic concentrations over time for background stations KV1 & KV37 [1].



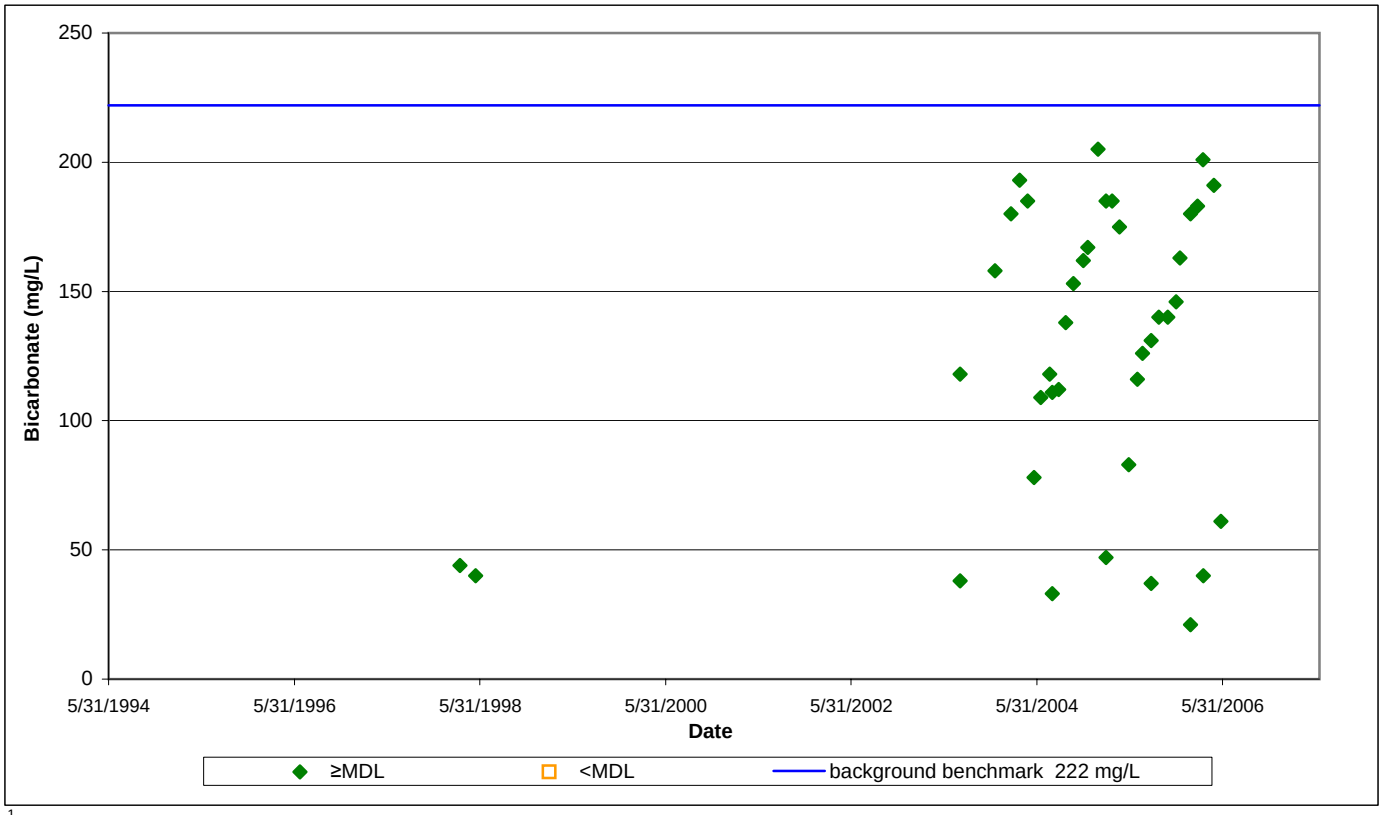
[1] Dataset used to develop a background benchmark as shown

Figure A.54: Scatterplot of barium concentrations over time for background stations KV1 & KV37.



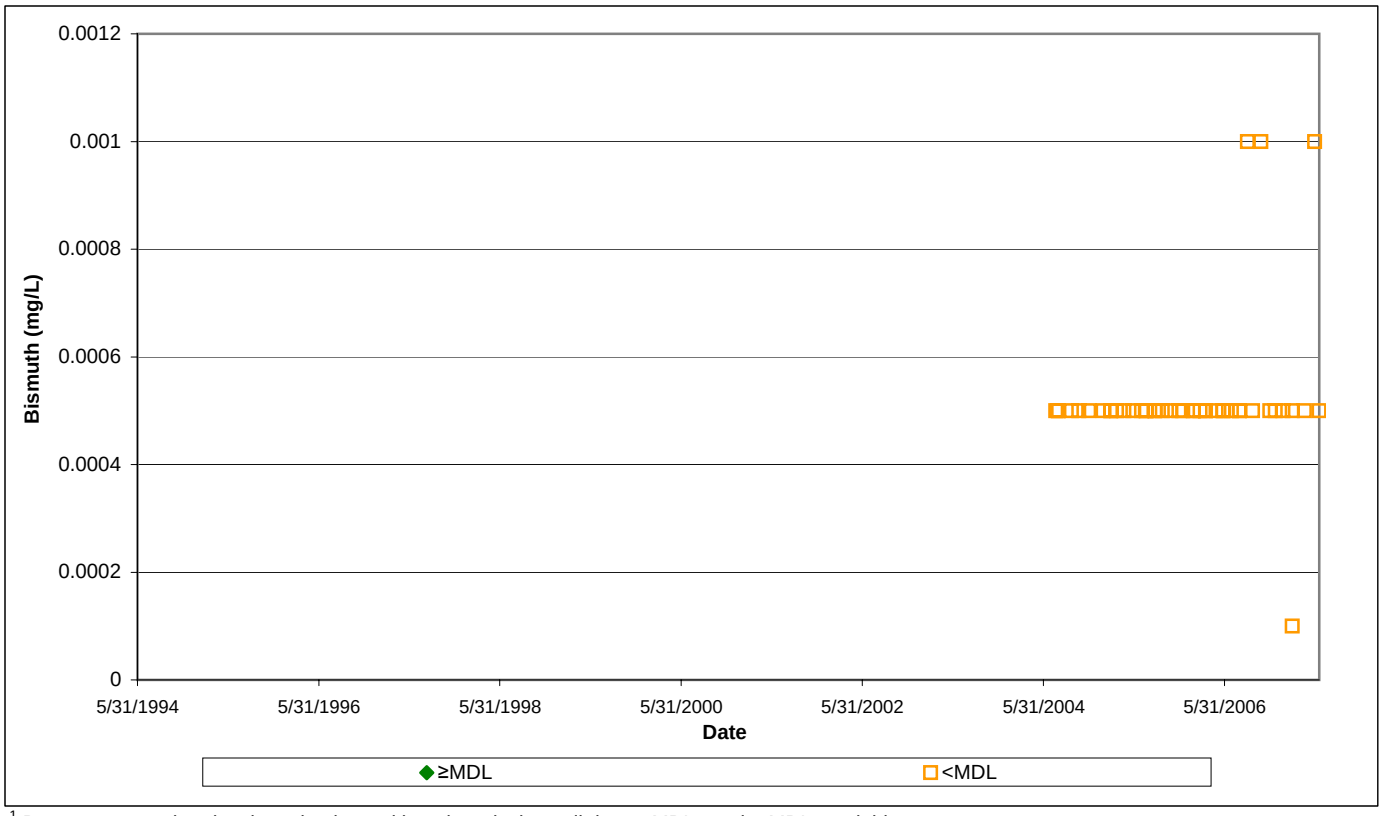
[1] Dataset not used to develop a backgroud benchmark since all data < MDLs and < MDLs variable

Figure A.55: Scatterplot of beryllium concentrations over time for background stations KV1 & KV37[1].



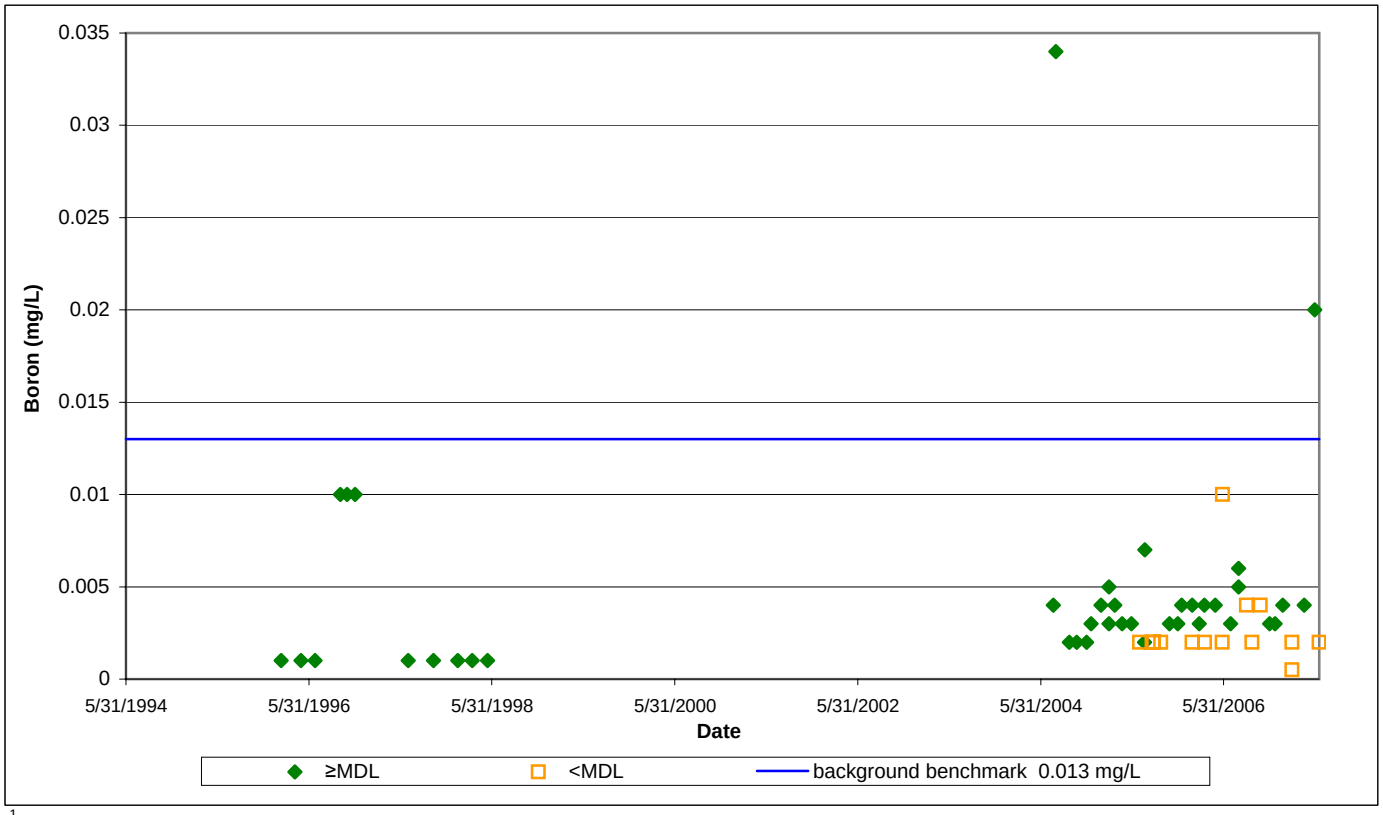
[1] Dataset used to develop a background benchmark as shown

Figure A.56: Scatterplot of bicarbonate concentrations over time for background stations KV1 & KV37[1].



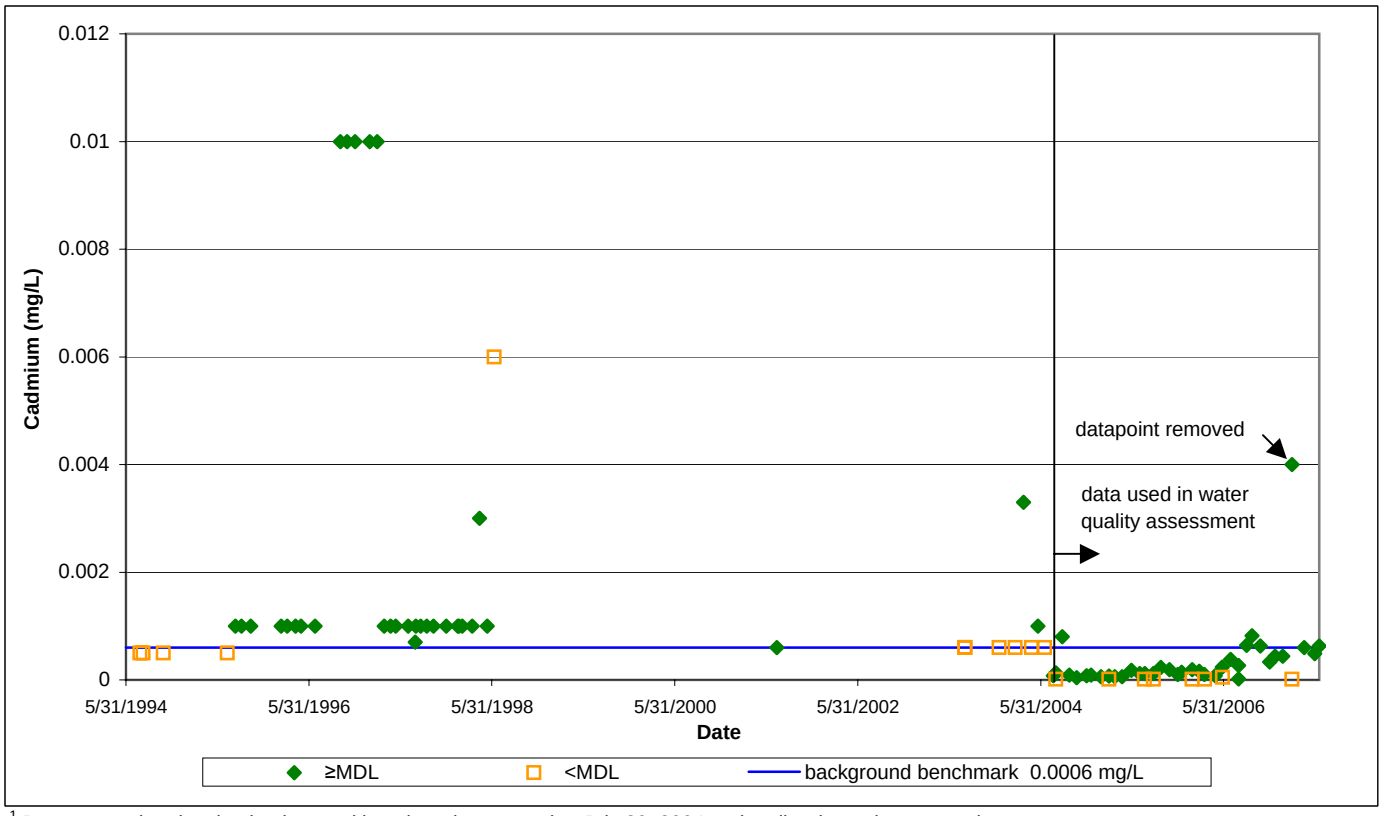
[1] Dataset not used to develop a backgroud benchmark since all data < MDLs and < MDLs variable

Figure A.57: Scatterplot of bismuth concentrations over time for background stations KV1 & KV37 [1].



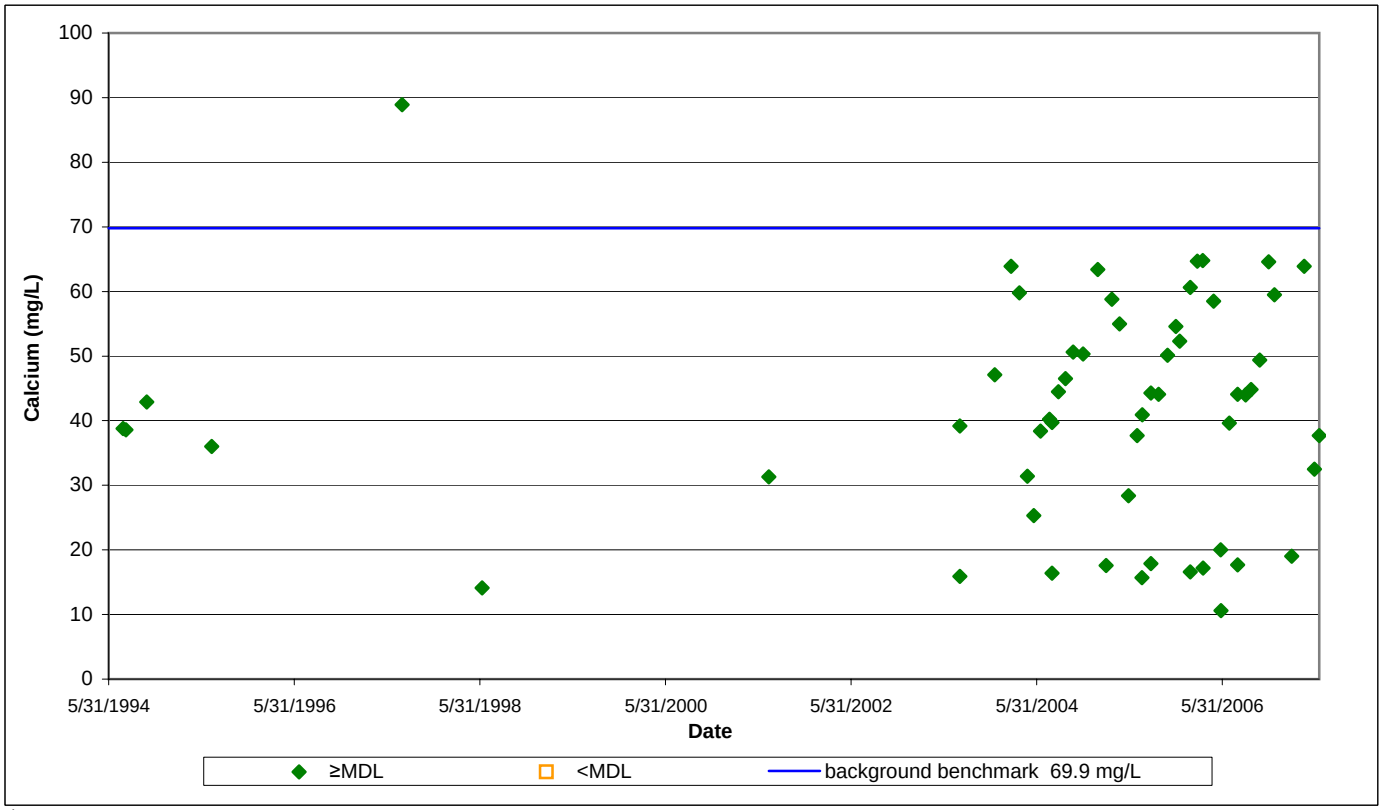
[1] Dataset used to develop a background benchmark as shown

Figure A.58: Scatterplot of boron concentrations over time for background stations KV1 & KV37 [1].



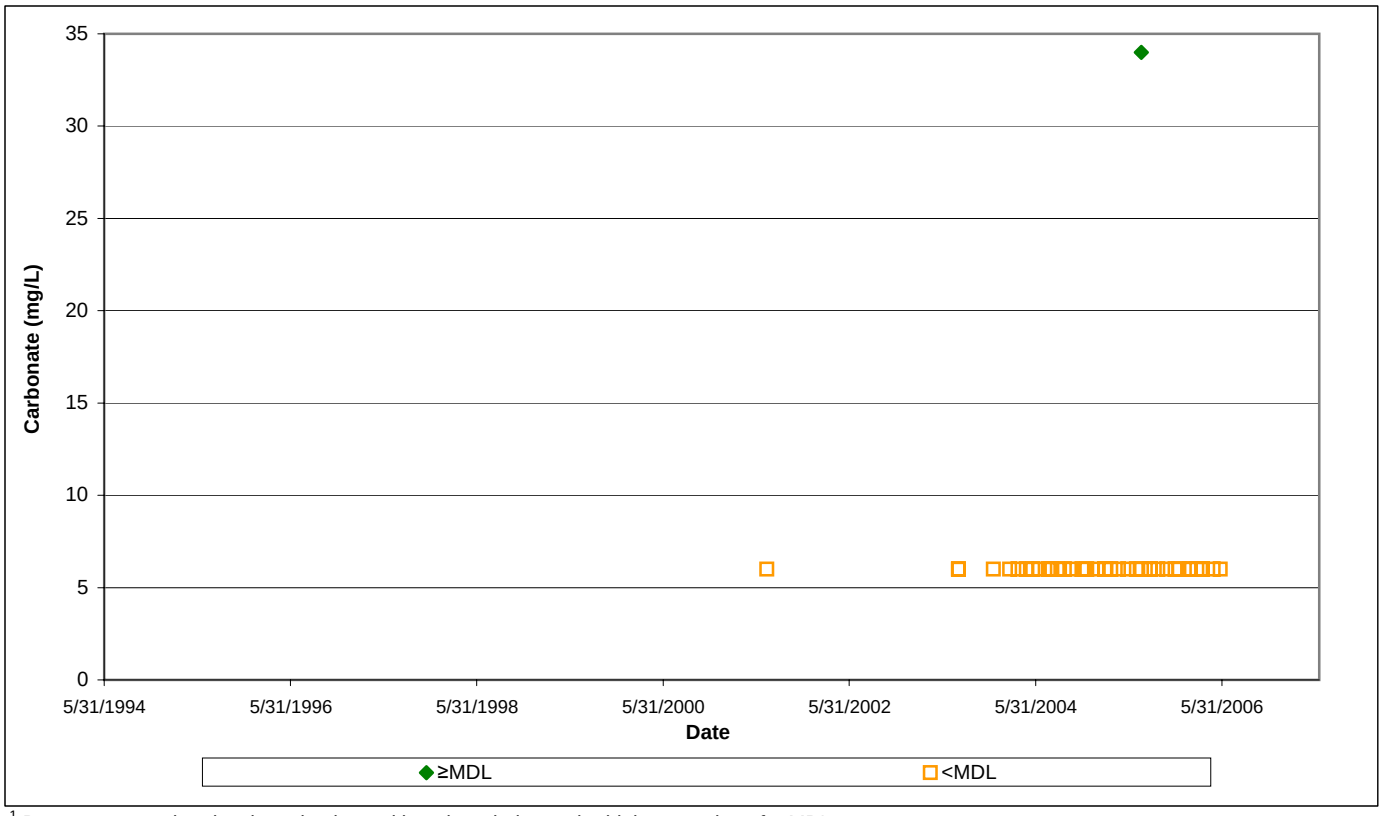
[1] Dataset used to develop background benchmark truncated to July 20, 2004 and outlier datapoint removed

Figure A.59: Scatterplot of cadmium concentrations over time for background stations KV1 & KV37 [1].



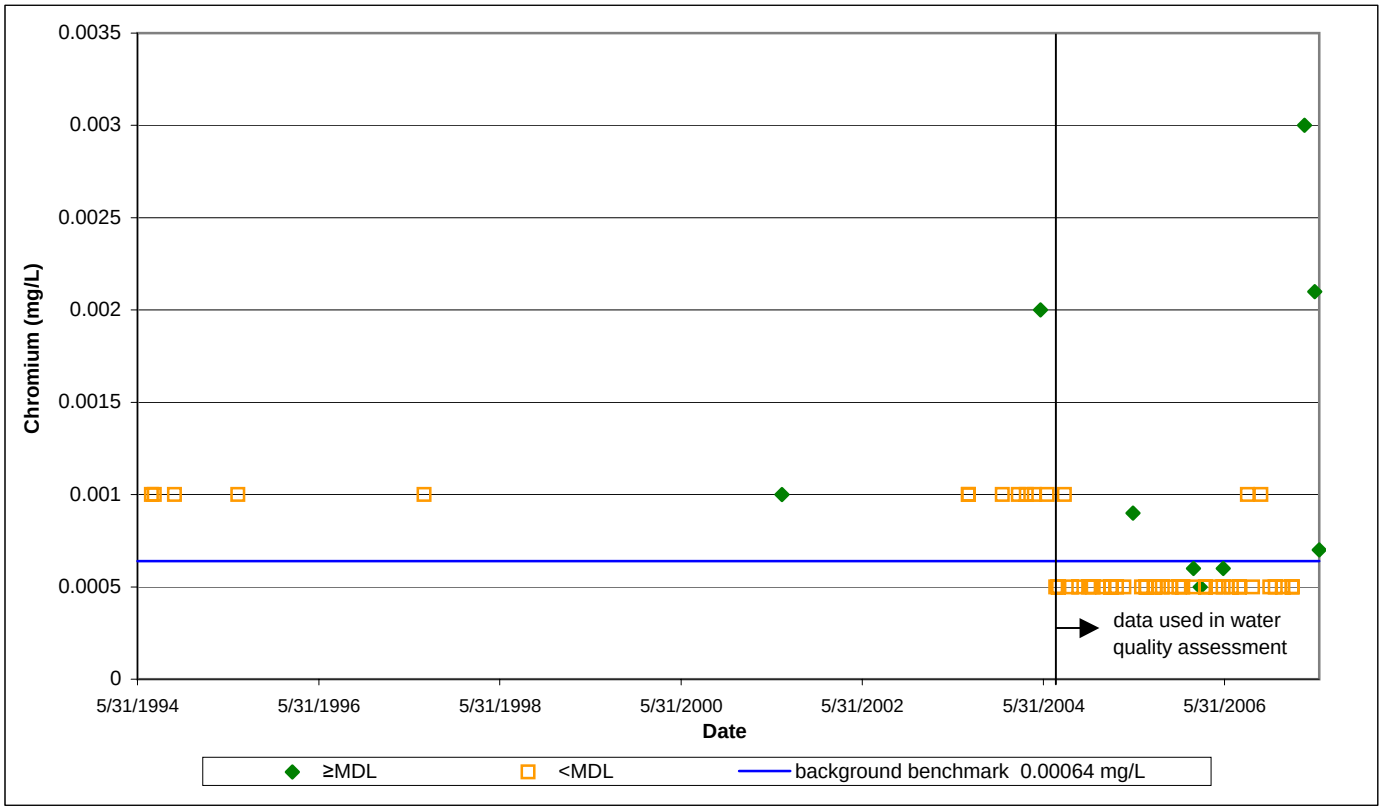
[1] Dataset used to develop a background benchmark as shown

Figure A.60: Scatterplot of calcium concentrations over time for background stations KV1 & KV37 [1].



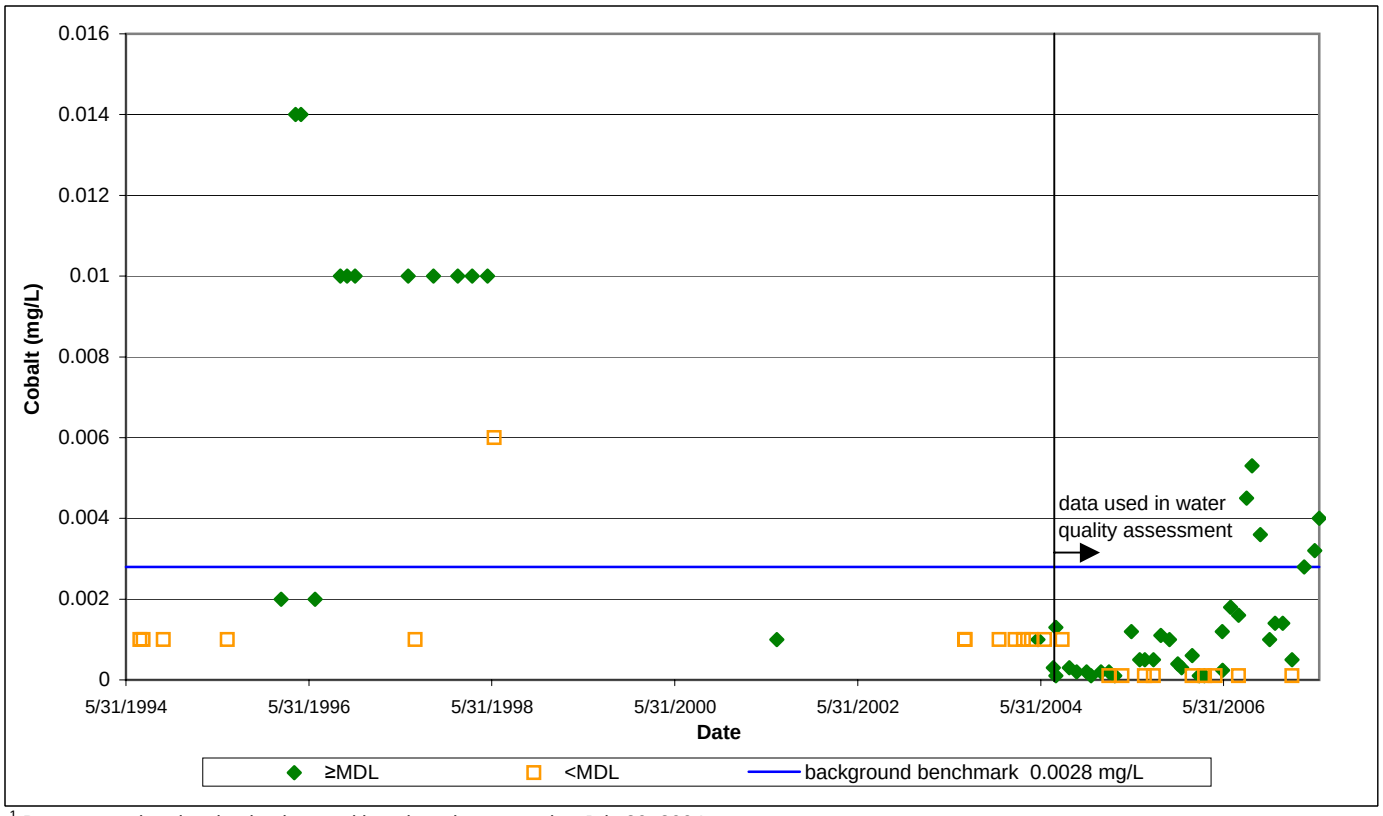
[1] Dataset not used to develop a backgroud benchmark due to the high proportion of < MDLs

Figure A.61: Scatterplot of carbonate concentrations over time for background stations KV1 & KV37 [1].



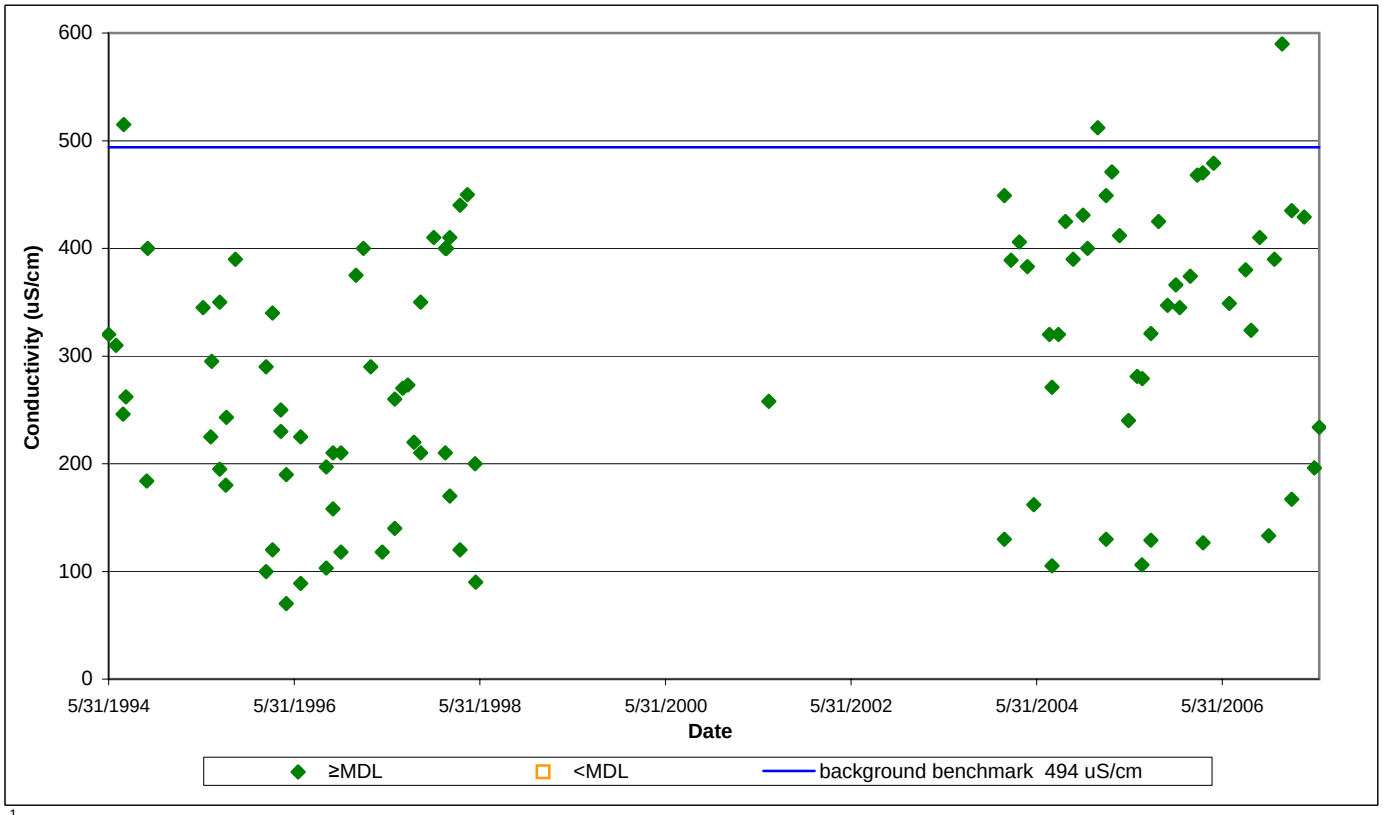
[1] Dataset used to develop background benchmark truncated to July 20, 2004

Figure A.62: Scatterplot of chromium concentrations over time for background stations KV1 & KV37 [1].



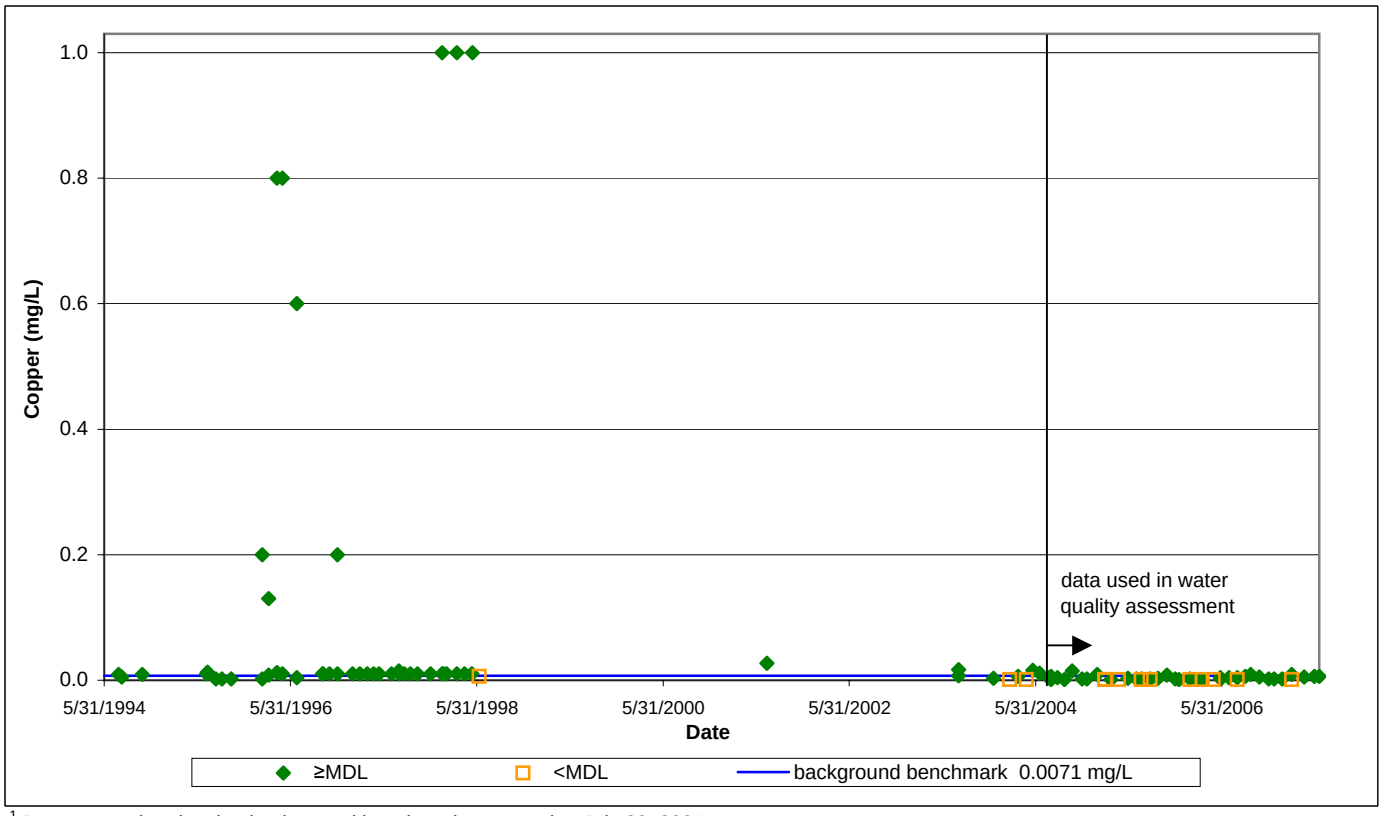
[1] Dataset used to develop background benchmark truncated to July 20, 2004

Figure A.63: Scatterplot of cobalt concentrations over time for background stations KV1 & KV37 [1].



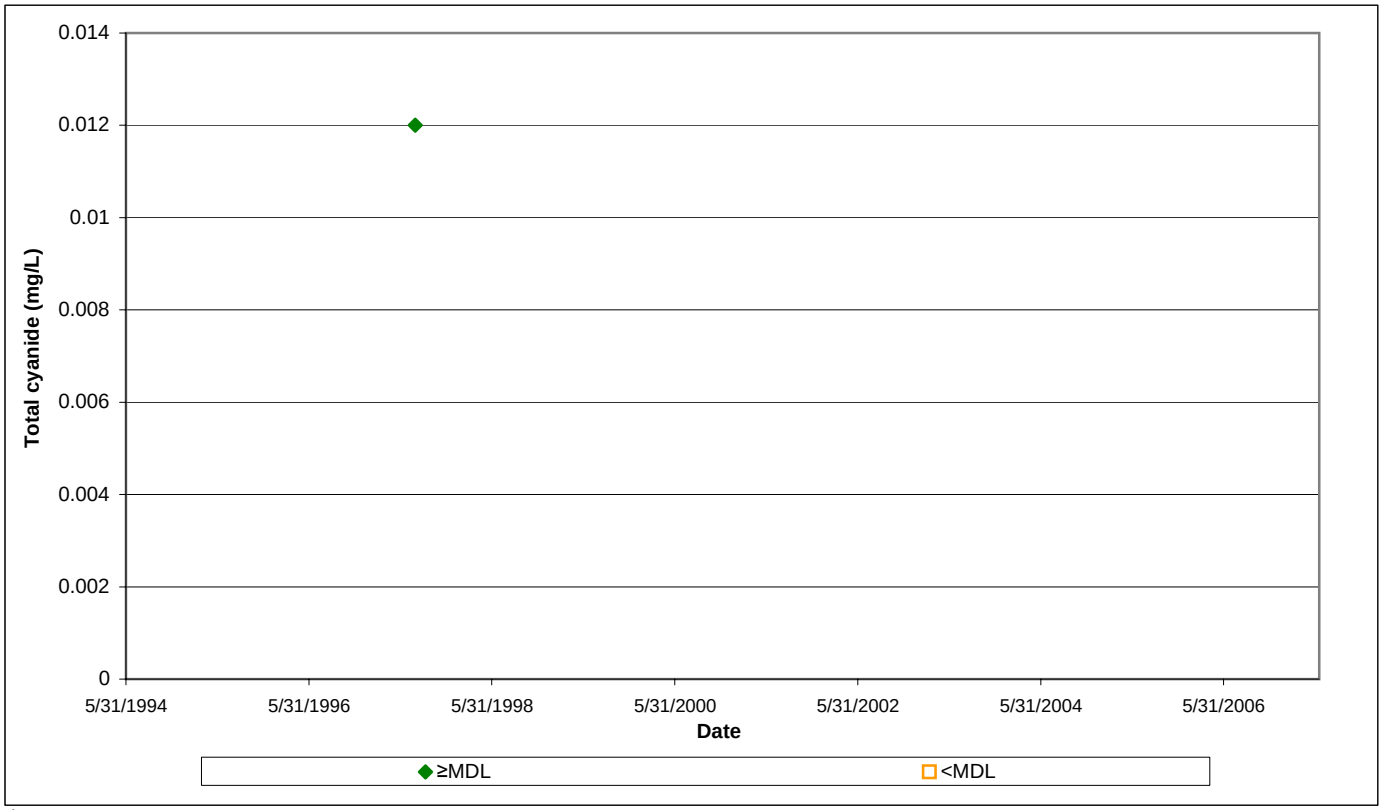
[1] Dataset used to develop a background benchmark as shown

Figure A.64: Scatterplot of conductivity over time for background stations KV1 & KV37 [1].



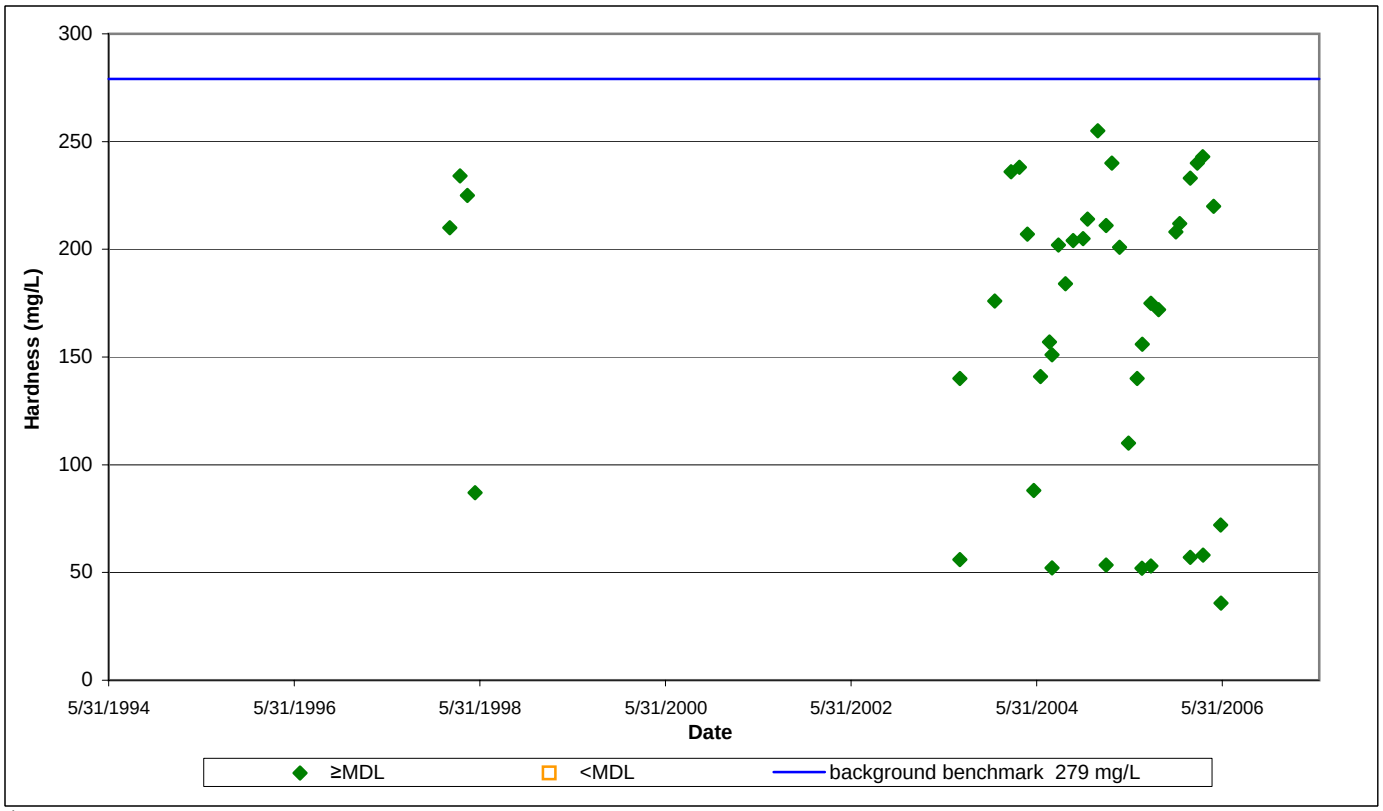
[1] Dataset used to develop background benchmark truncated to July 20, 2004

Figure A.65: Scatterplot of copper concentrations over time for background stations KV1 & KV37 [1].



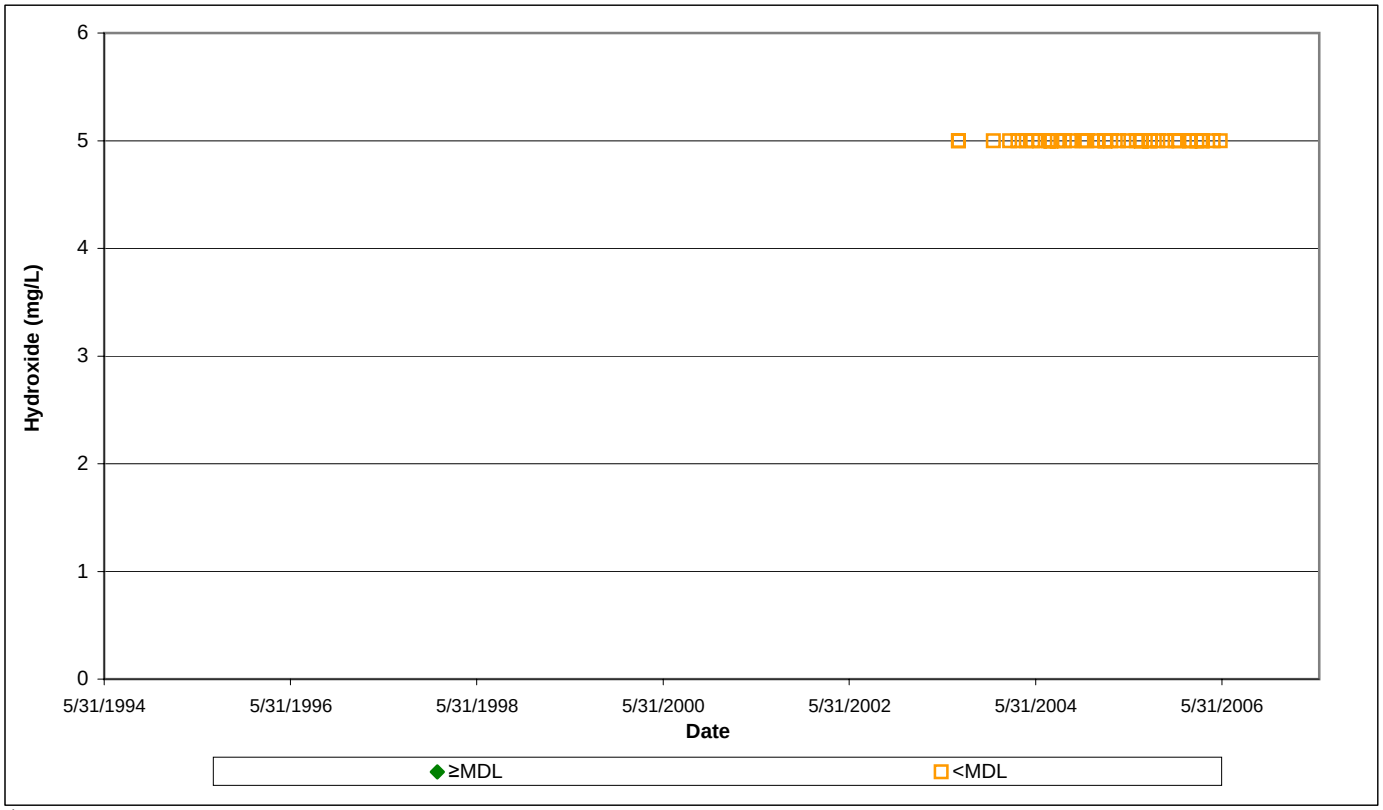
[1] Dataset not used to develop a backgroud benchmark due to the small sample size

Figure A.66: Scatterplot of total cyanide concentrations over time for background stations KV1 & KV37 [1].



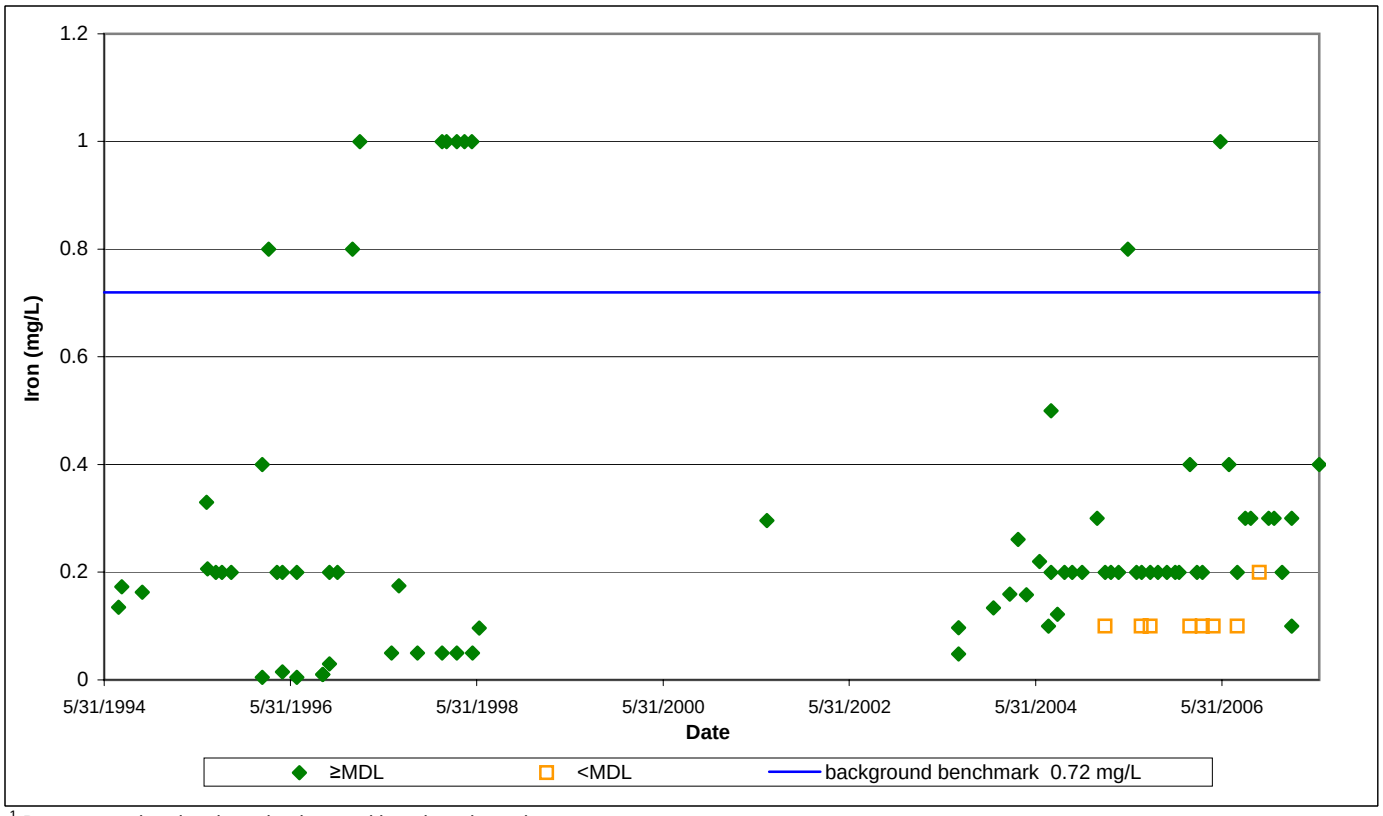
[1] Dataset used to develop a background benchmark as shown

Figure A.67: Scatterplot of hardness concentrations over time for background stations KV1 & KV37 [1].



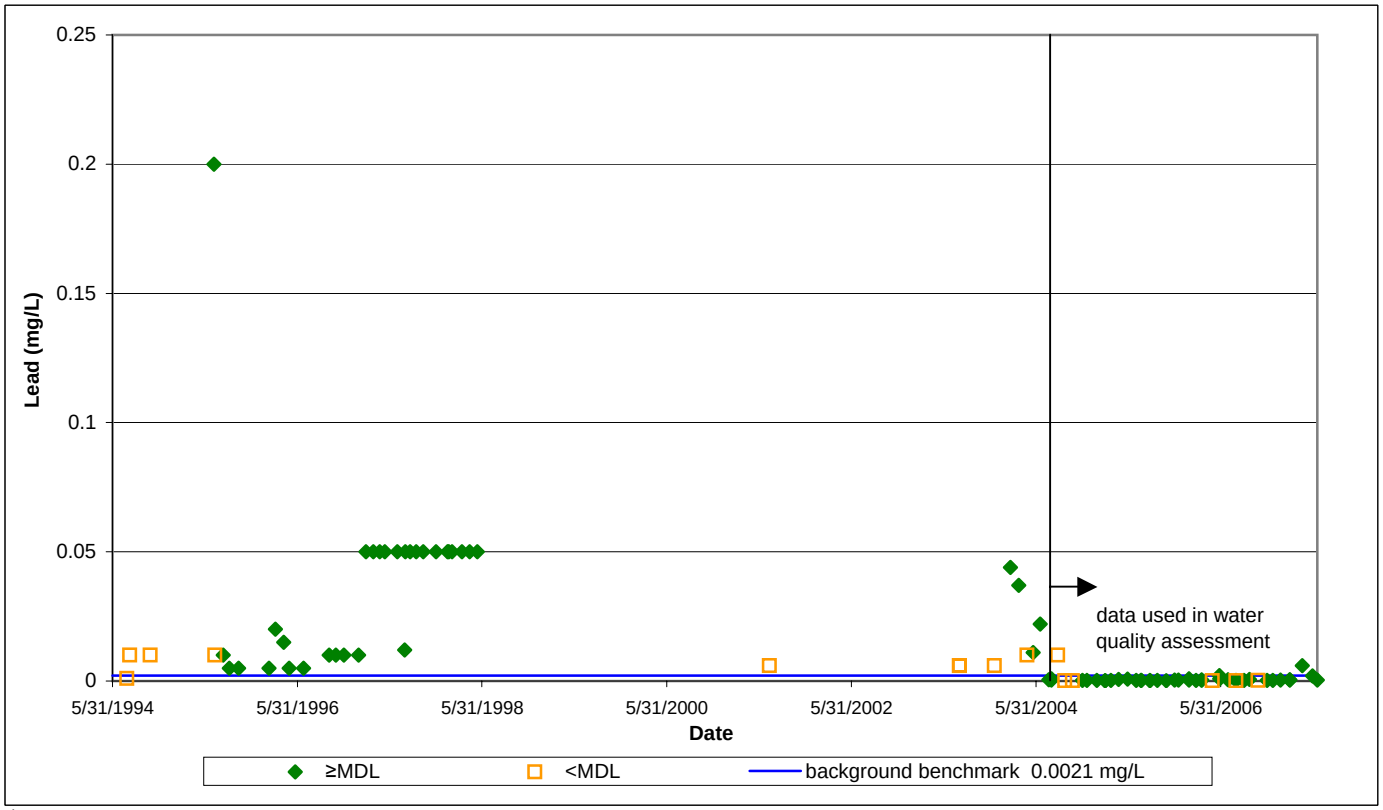
[1] Dataset not used to develop a background benchmark since all data < MDLs

Figure A.68: Scatterplot of hydroxide concentrations over time for background stations KV1 & KV37 [1].



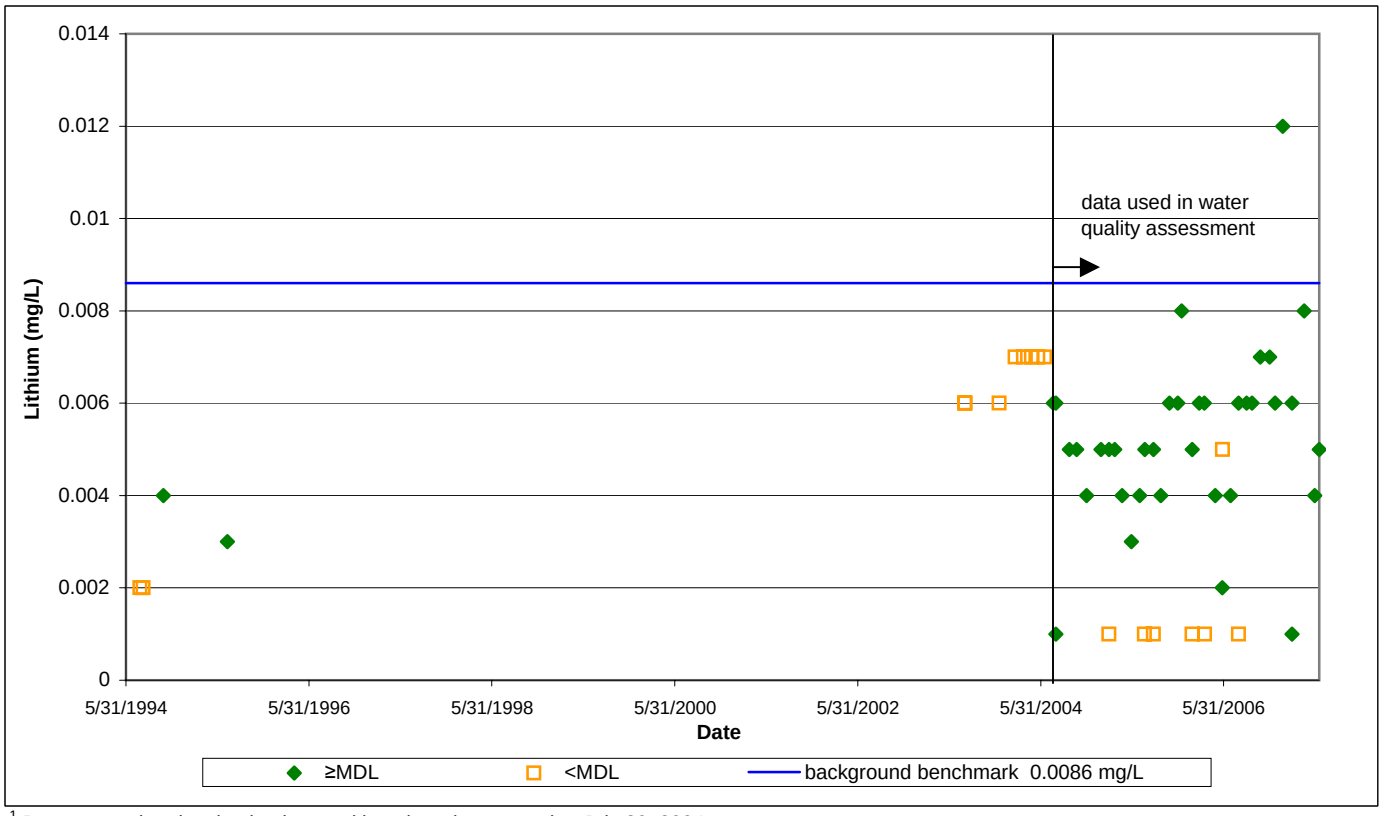
[1] Dataset used to develop a background benchmark as shown

Figure A.69: Scatterplot of iron concentrations over time for background stations KV1 & KV37 [1].



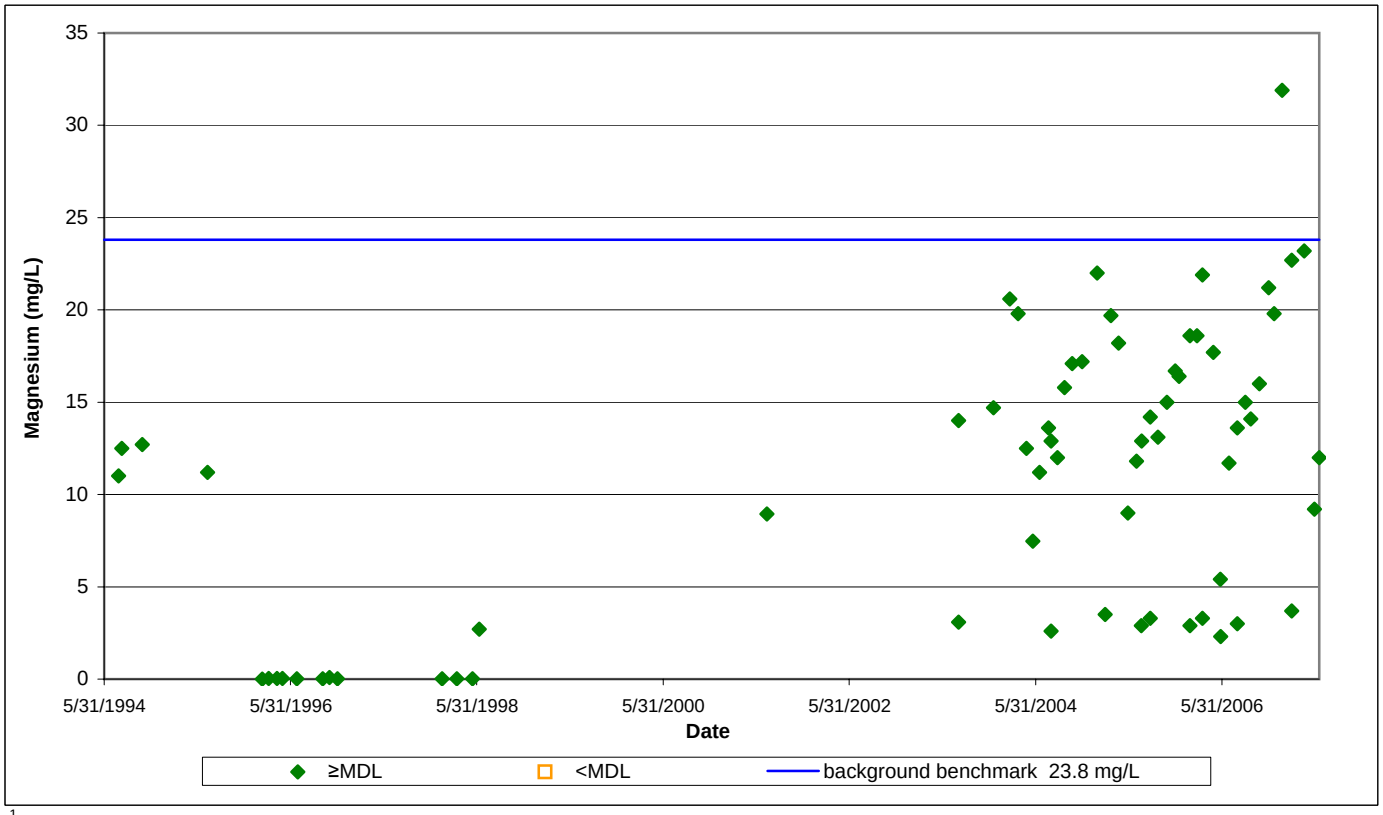
[1] Dataset used to develop background benchmark truncated to July 20, 2004

Figure A.70: Scatterplot of lead concentrations over time for background stations KV1 & KV37 [1].



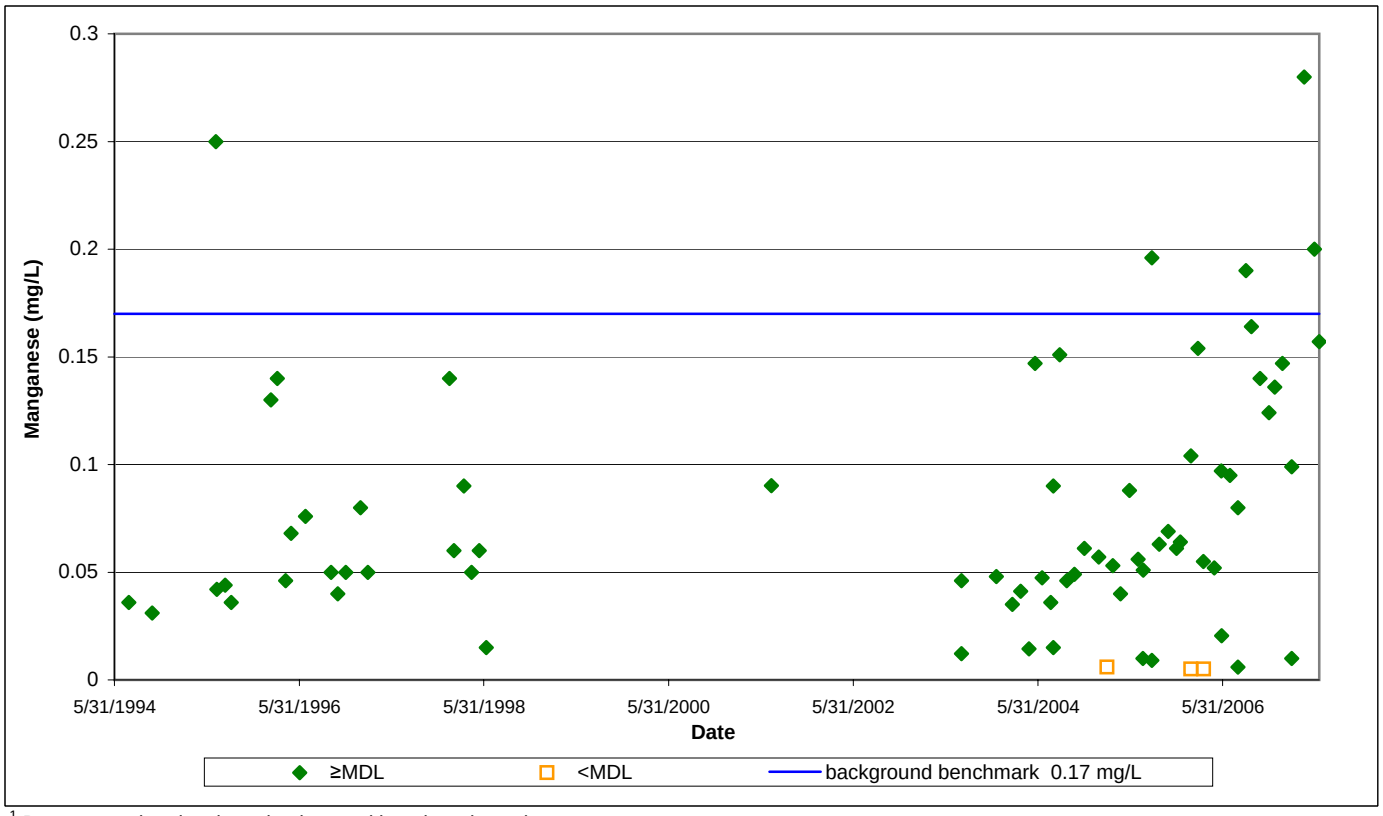
[1] Dataset used to develop background benchmark truncated to July 20, 2004

Figure A.71: Scatterplot of lithium concentrations over time for background stations KV1 & KV37 [1].



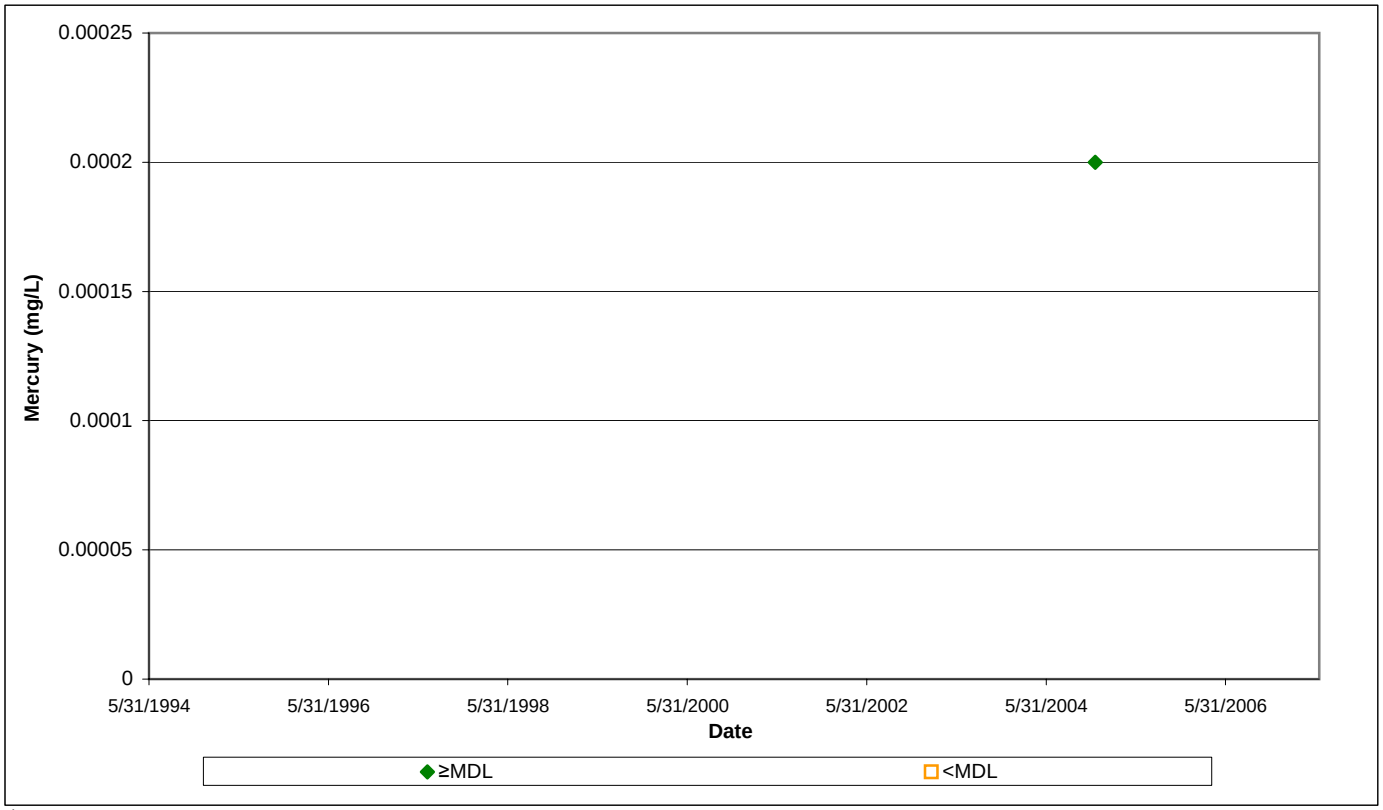
[1] Dataset used to develop a background benchmark as shown

Figure A.72: Scatterplot of magnesium concentrations over time for background stations KV1 & KV37 [1].



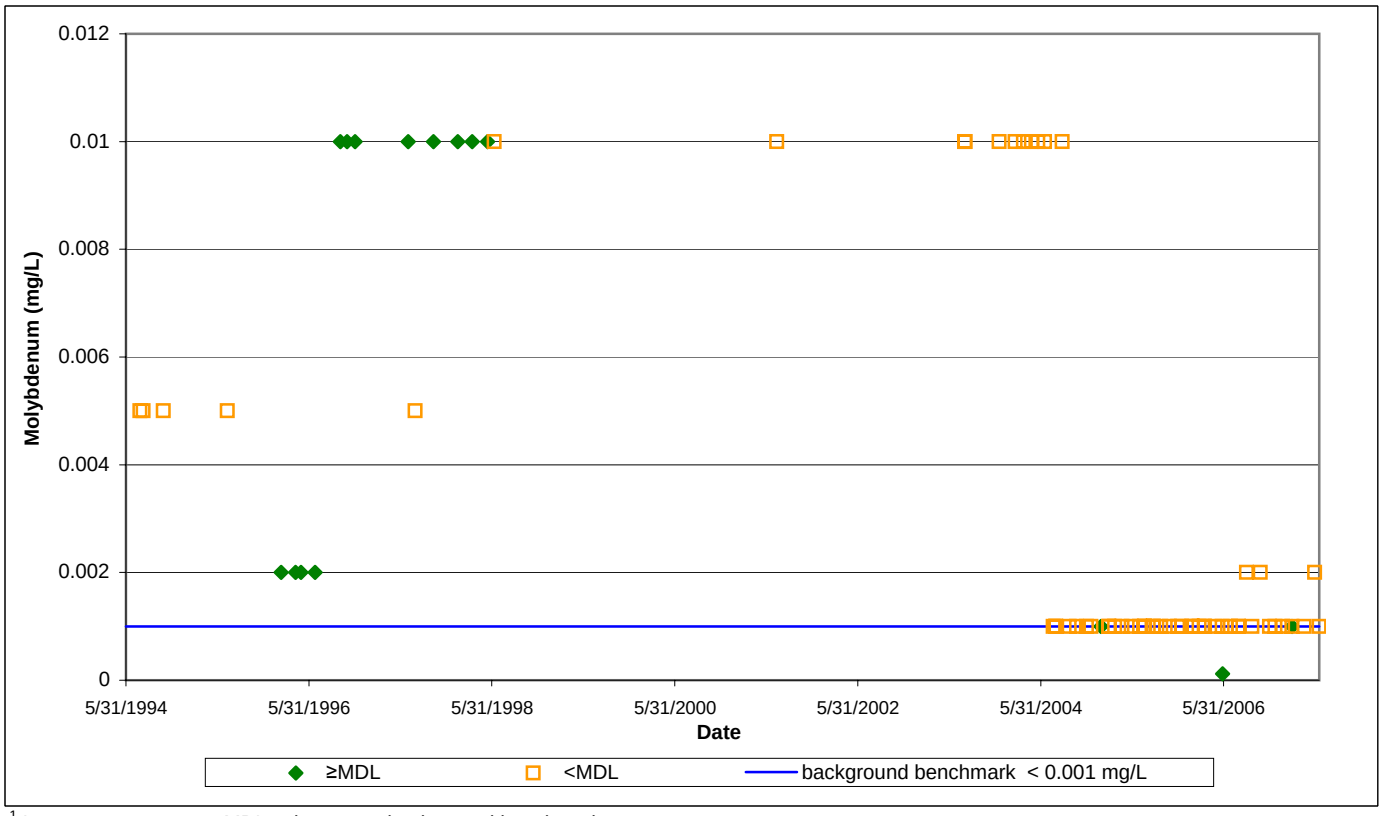
[1] Dataset used to develop a background benchmark as shown

Figure A.73: Scatterplot of manganese concentrations over time for background stations KV1 & KV37 [1].



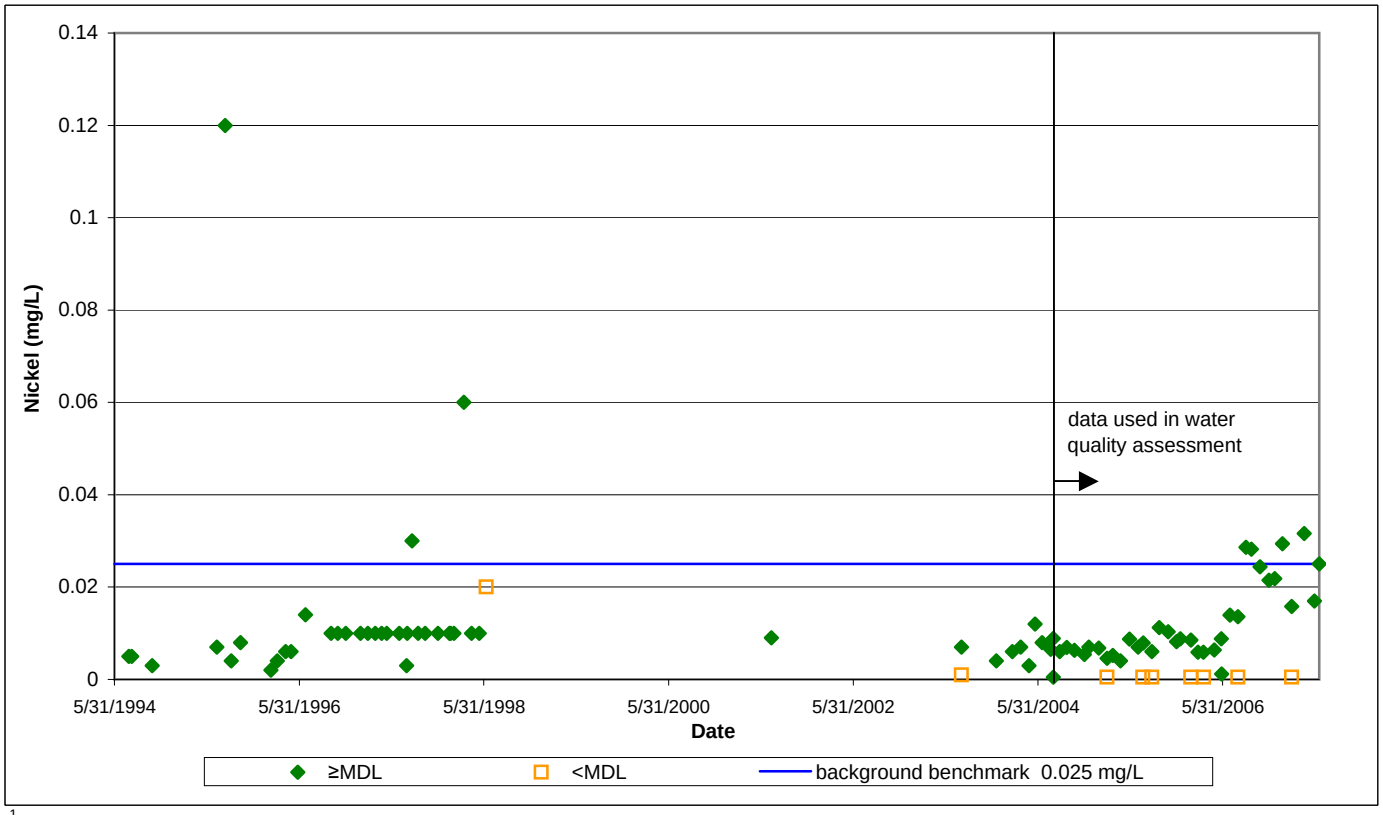
[1] Dataset not used to develop a backgroud benchmark due to the small sample size

Figure A.74: Scatterplot of mercury concentrations over time for background stations KV1 & KV37 [1].



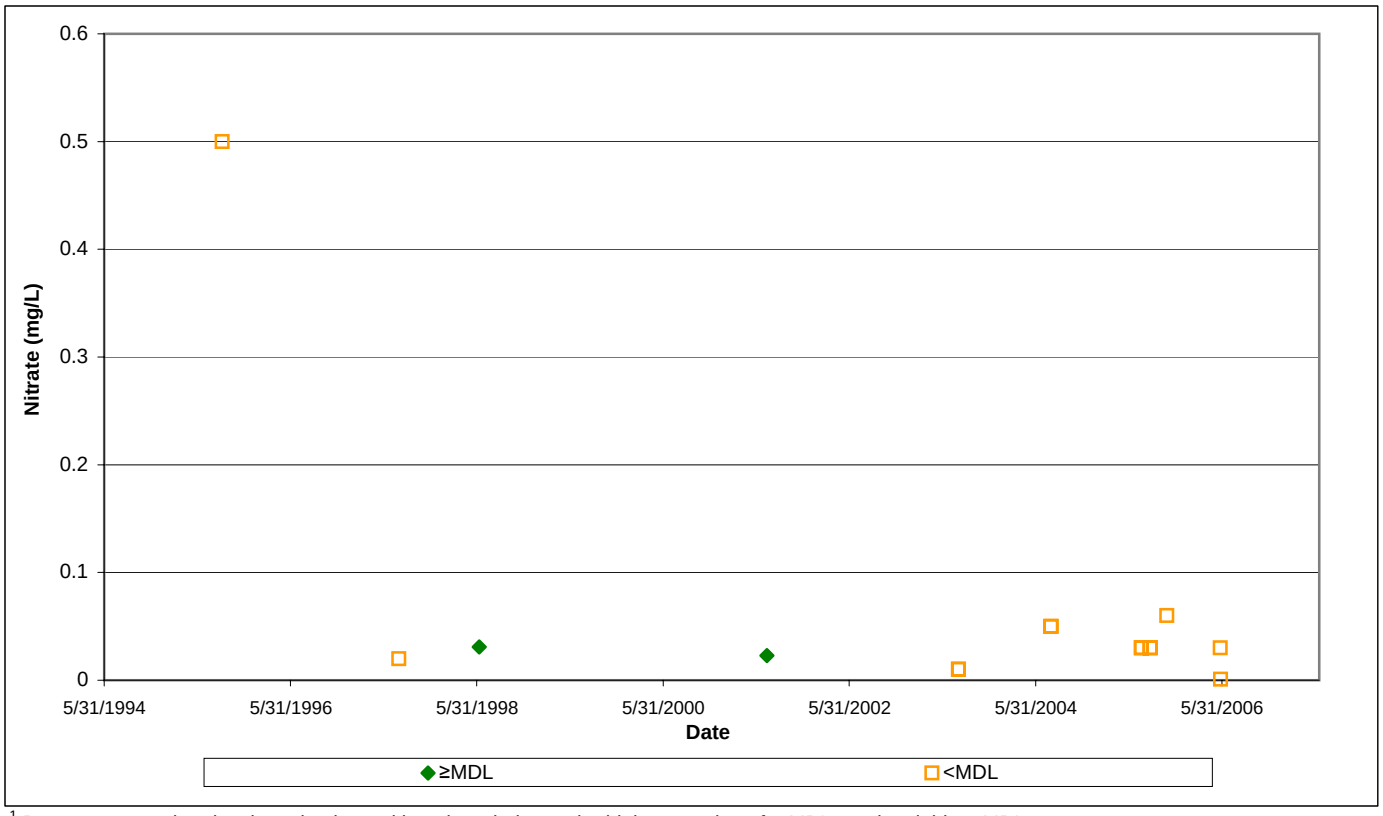
[1] Lowest most recent < MDL value set as background benchmark

Figure A.75: Scatterplot of molybdenum concentrations over time for background stations KV1 & KV37 [1].



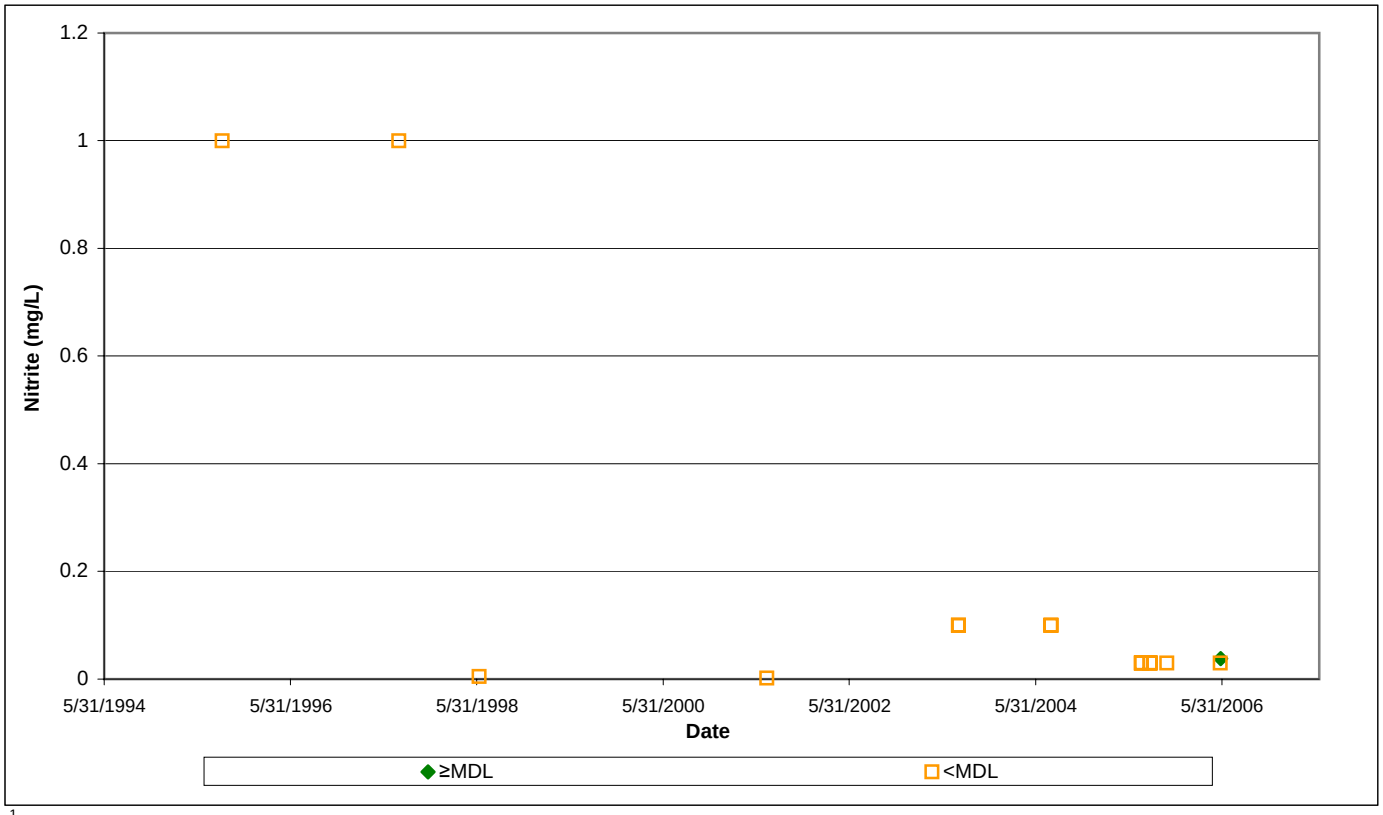
[1] Dataset used to develop background benchmark truncated to July 20, 2004

Figure A.76: Scatterplot of nickel concentrations over time for background stations KV1 & KV37 [1].



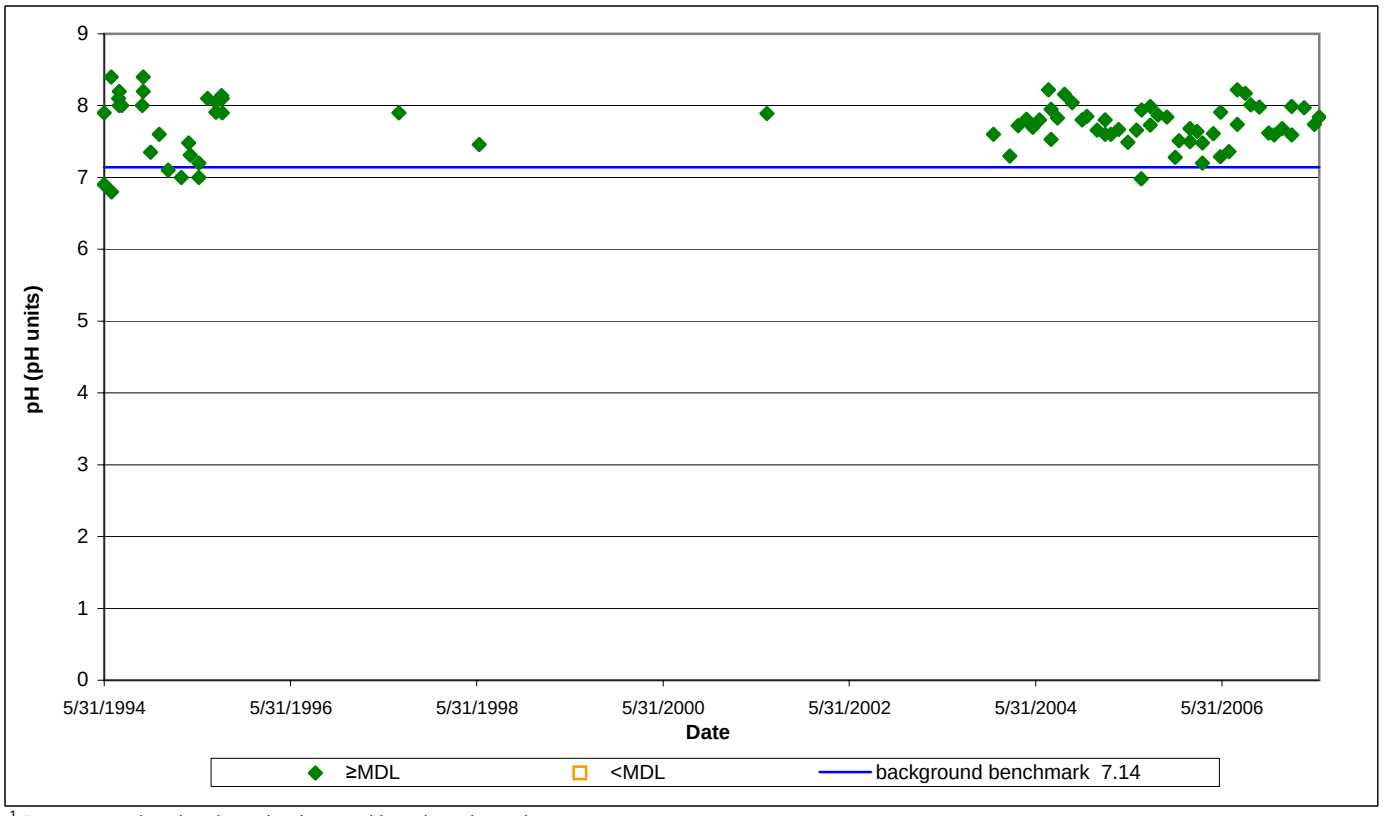
[1] Dataset not used to develop a backgroud benchmark due to the high proportion of < MDLs and variable < MDLs

Figure A.77: Scatterplot of nitrate concentrations over time for background stations KV1 & KV37 [1].



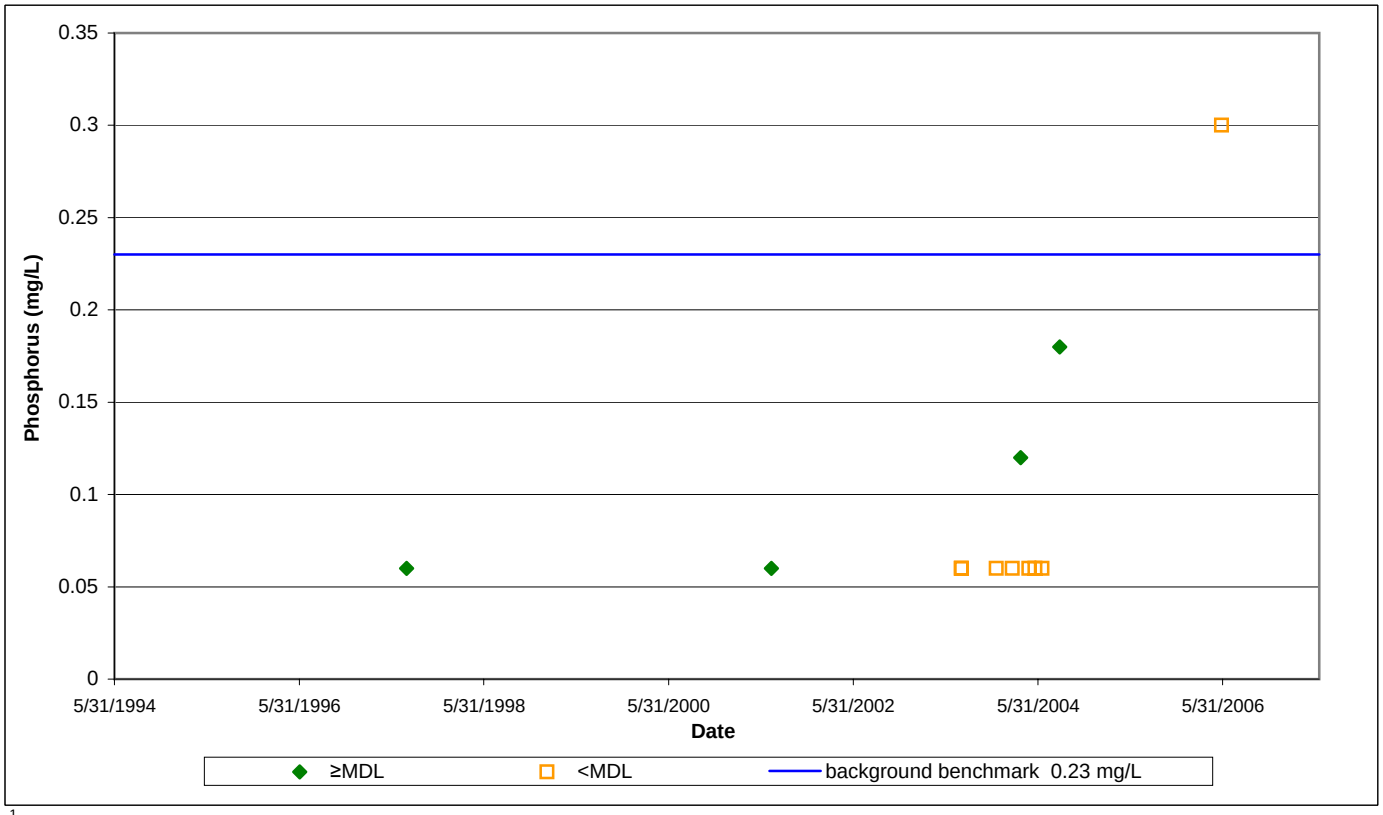
[1] Dataset not used to develop a backgroud benchmark due to the high proportion of < MDLs and variable < MDLs

Figure A.78: Scatterplot of nitrite concentrations over time for background stations KV1 & KV37 [1].



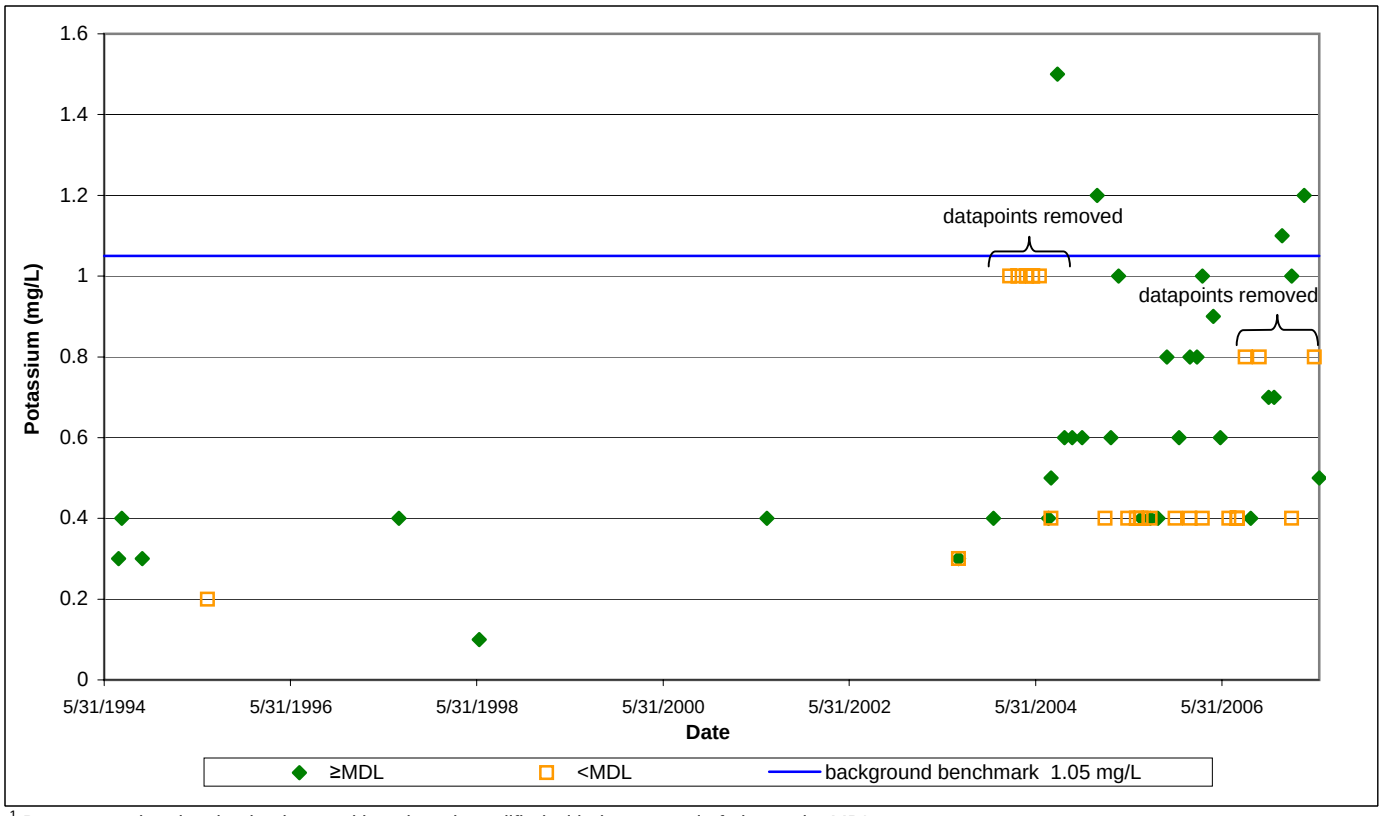
[1] Dataset used to develop a background benchmark as shown

Figure A.79: Scatterplot of pH over time for background stations KV1 & KV37 [1].



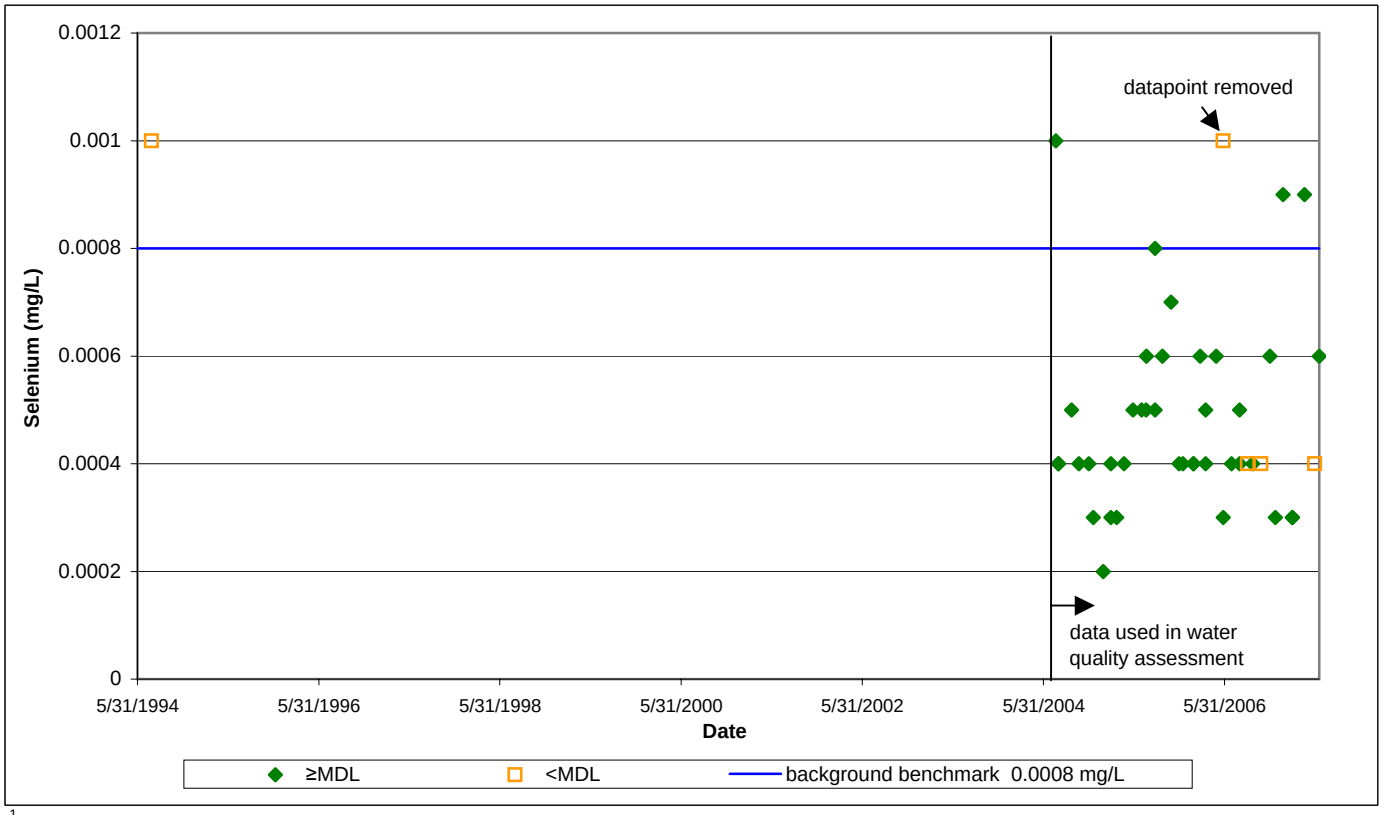
[1] Dataset used to develop a background benchmark as shown

Figure A.80: Scatterplot of phosphorus concentrations over time for background stations KV1 & KV37 [1].



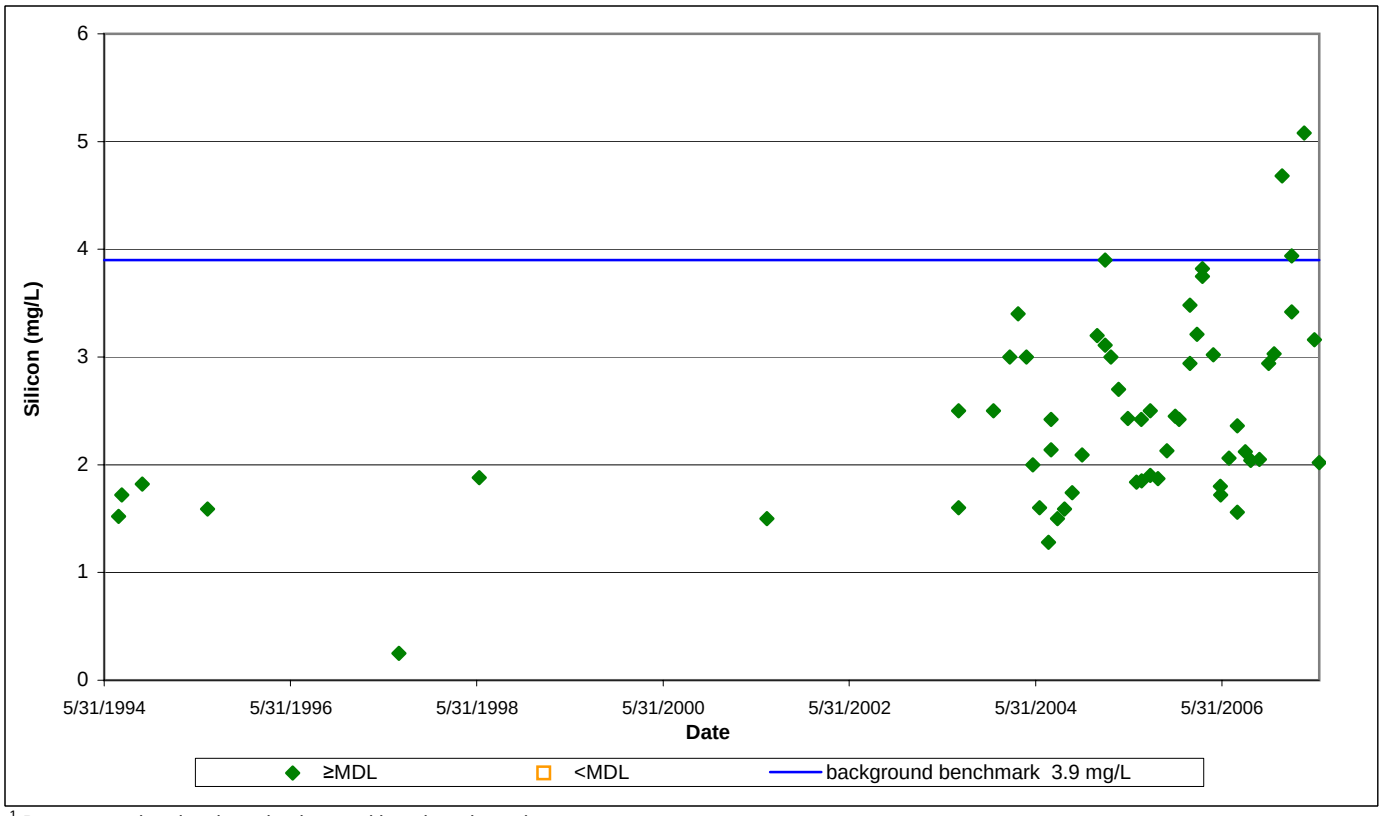
[1] Dataset used to develop background benchmark modified with the removal of elevated < MDLs

Figure A.81: Scatterplot of potassium concentrations over time for background stations KV1 & KV37 [1].



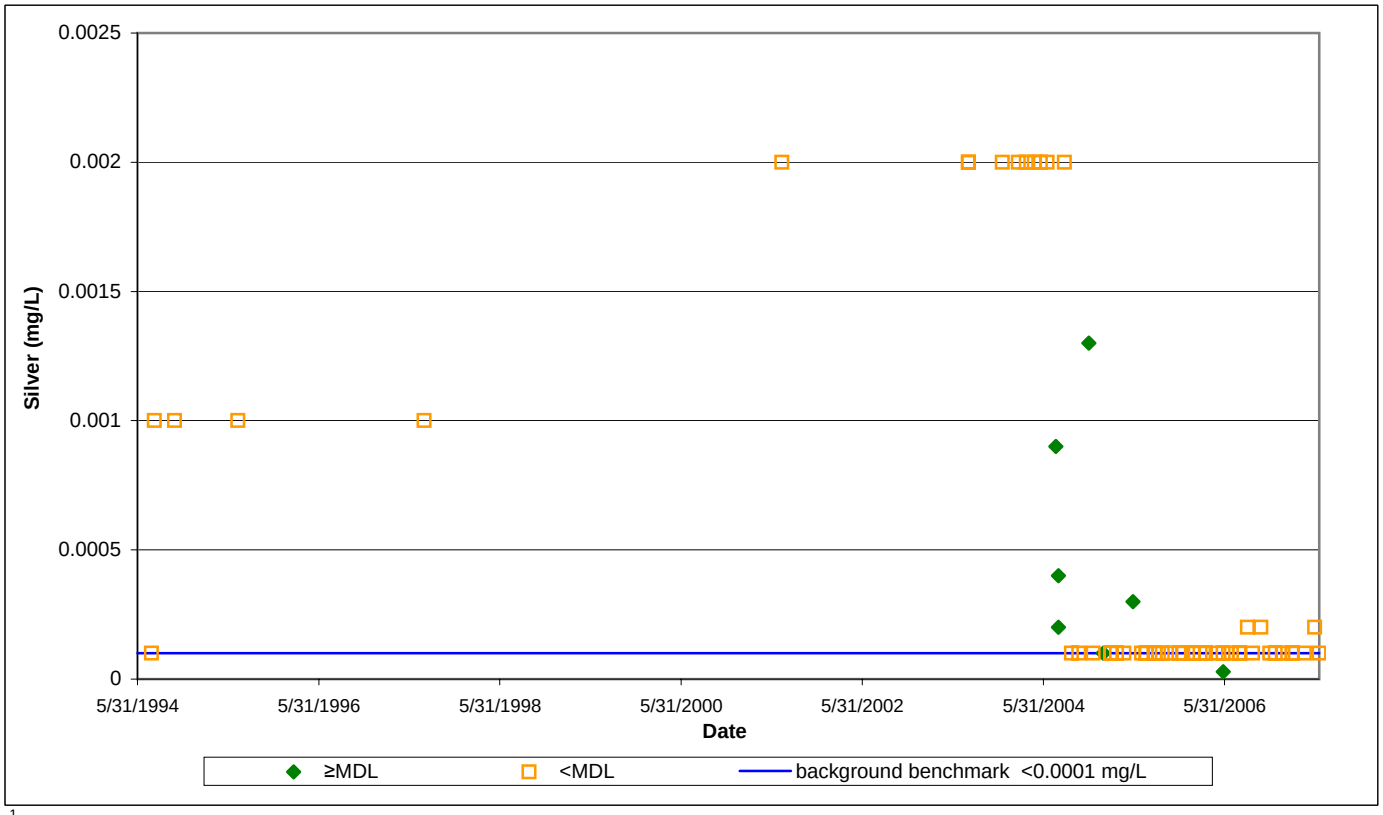
[1] Dataset used to develop background benchmark truncated to July 20, 2004 and elevated < MDL removed

Figure A.82: Scatterplot of selenium concentrations over time for background stations KV1 & KV37 [1].



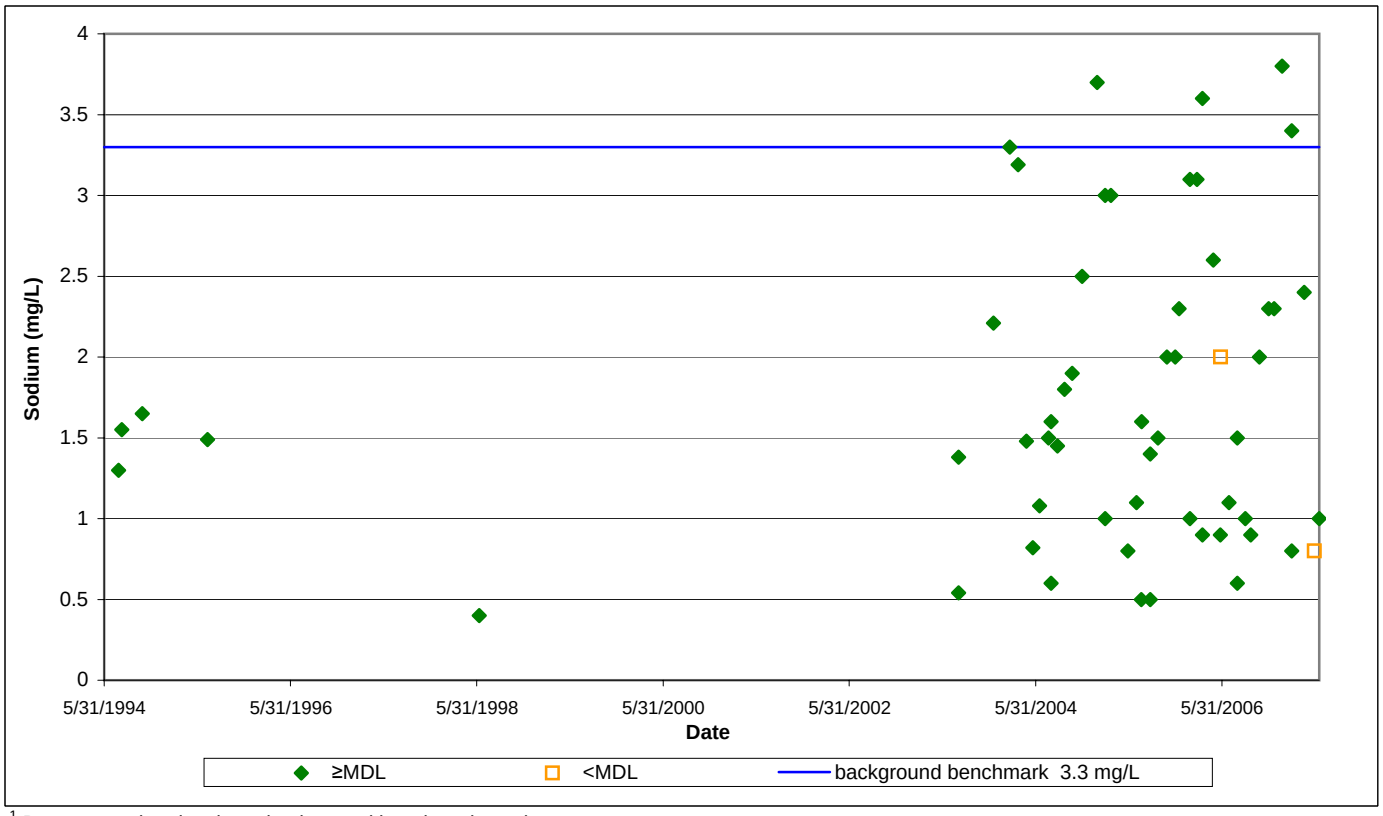
[1] Dataset used to develop a background benchmark as shown

Figure A.83: Scatterplot of silicon concentrations over time for background stations KV1 & KV37 [1].



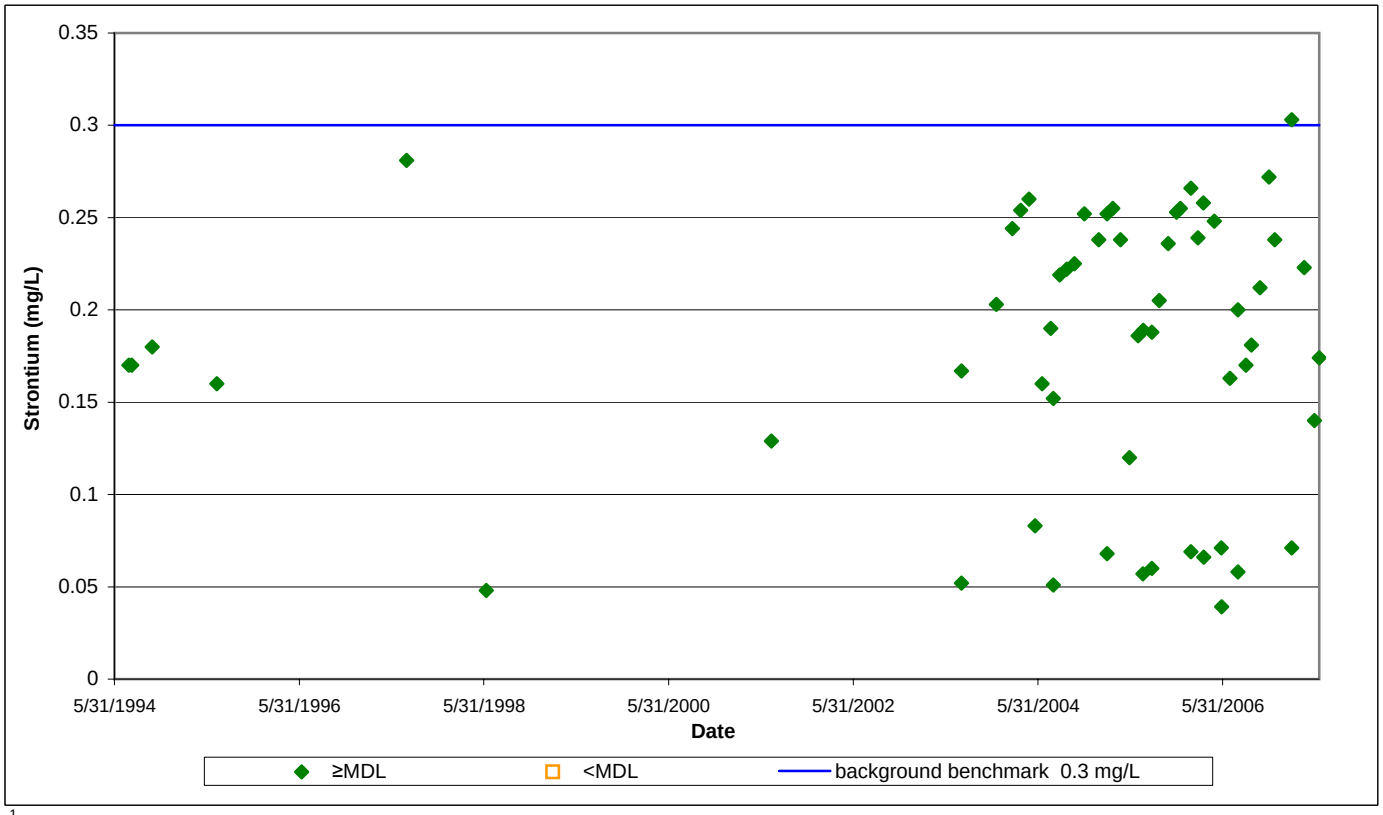
[1] Lowest most recent < MDL value set as background benchmark

Figure A.84: Scatterplot of silver concentrations over time for background stations KV1 & KV37 [1].



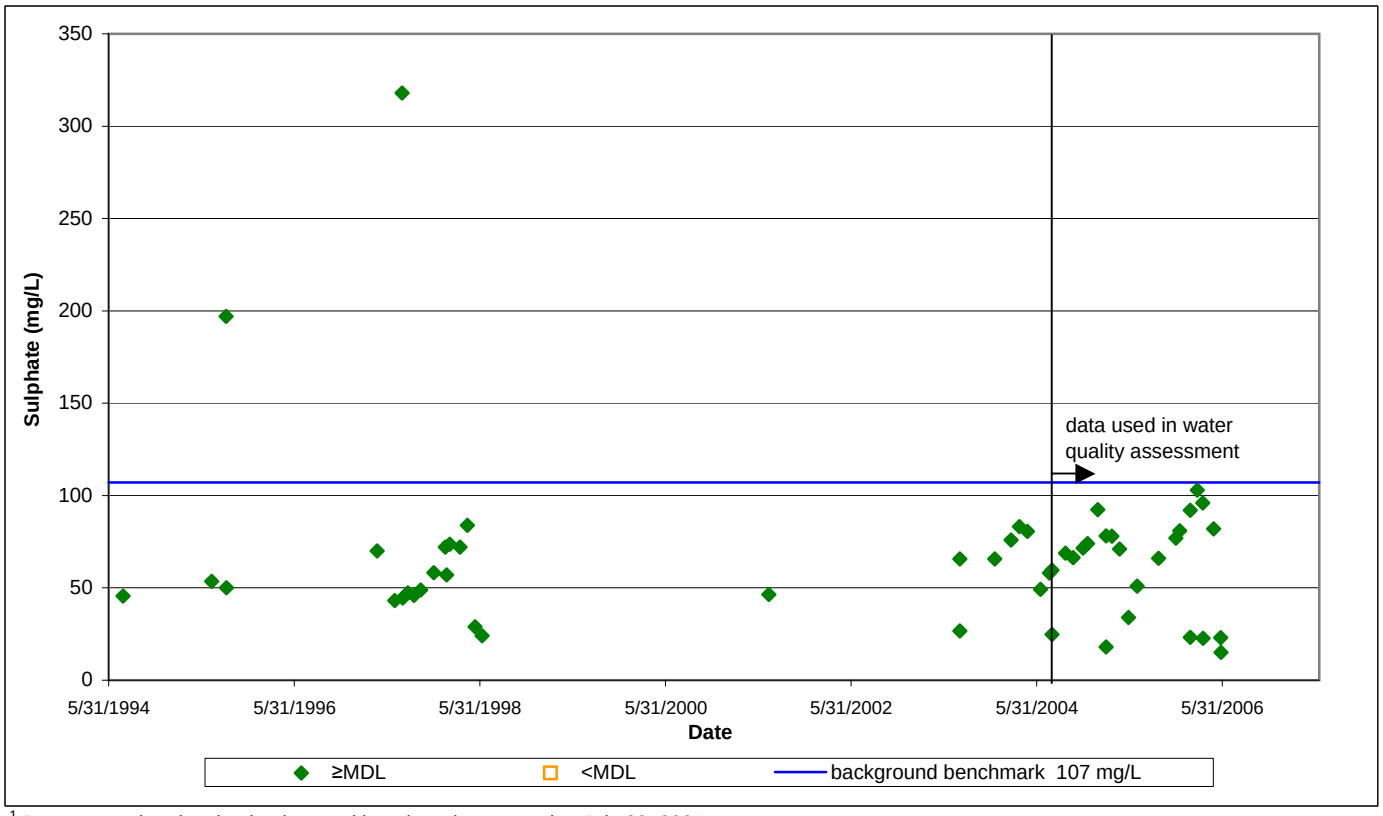
[1] Dataset used to develop a background benchmark as shown

Figure A.85: Scatterplot of sodium concentrations over time for background stations KV1 & KV37 [1].



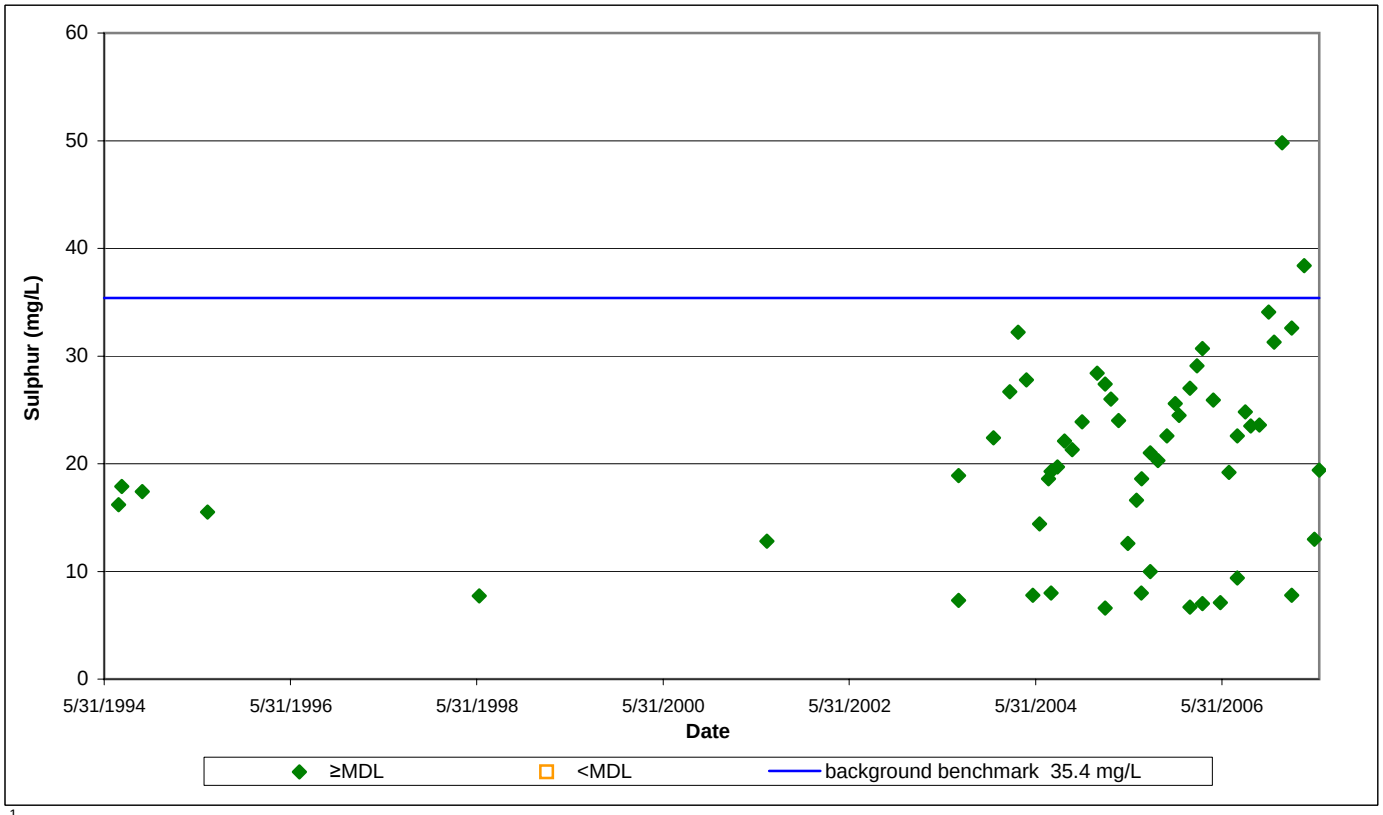
[1] Dataset used to develop a background benchmark as shown

Figure A.86: Scatterplot of strontium concentrations over time for background stations KV1 & KV37 [1].



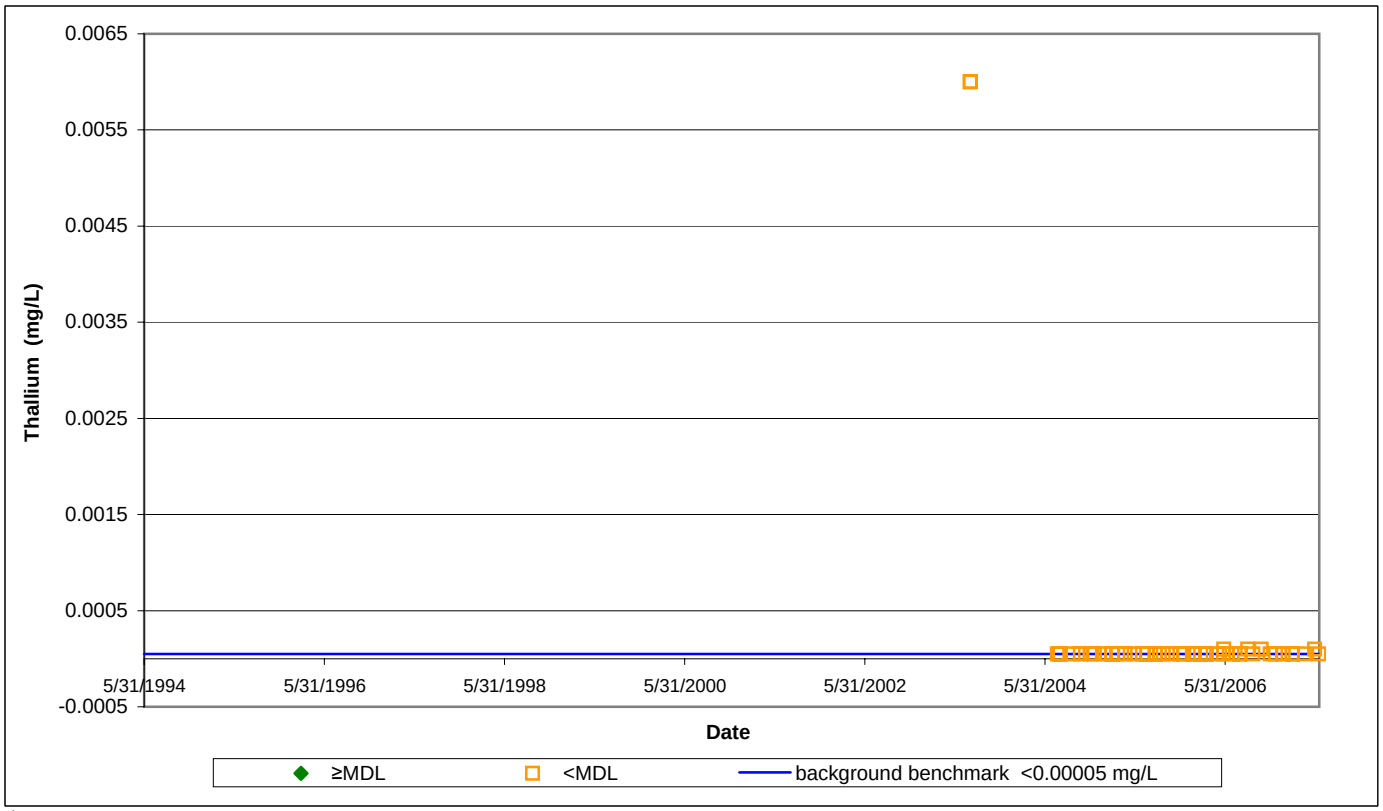
[1] Dataset used to develop background benchmark truncated to July 20, 2004

Figure A.87: Scatterplot of sulphate concentrations over time for background stations KV1 & KV37 [1].



[1] Dataset used to develop a background benchmark as shown

Figure A.88: Scatterplot of sulphur concentrations over time for background stations KV1 & KV37 [1].



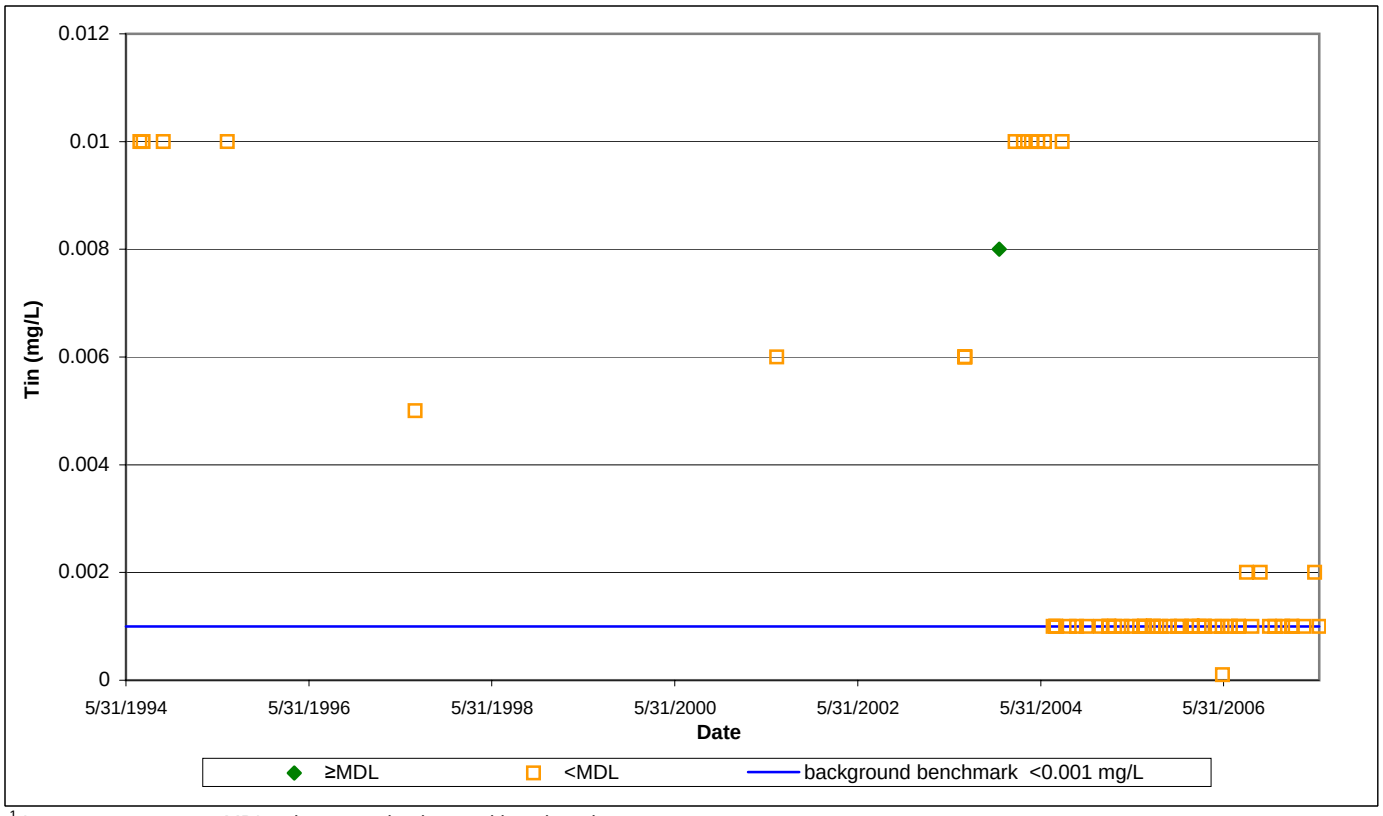
[1] Lowest most recent < MDL value set as background benchmark

Figure A.89: Scatterplot of thallium concentrations over time for background stations KV1 & KV37 [1].



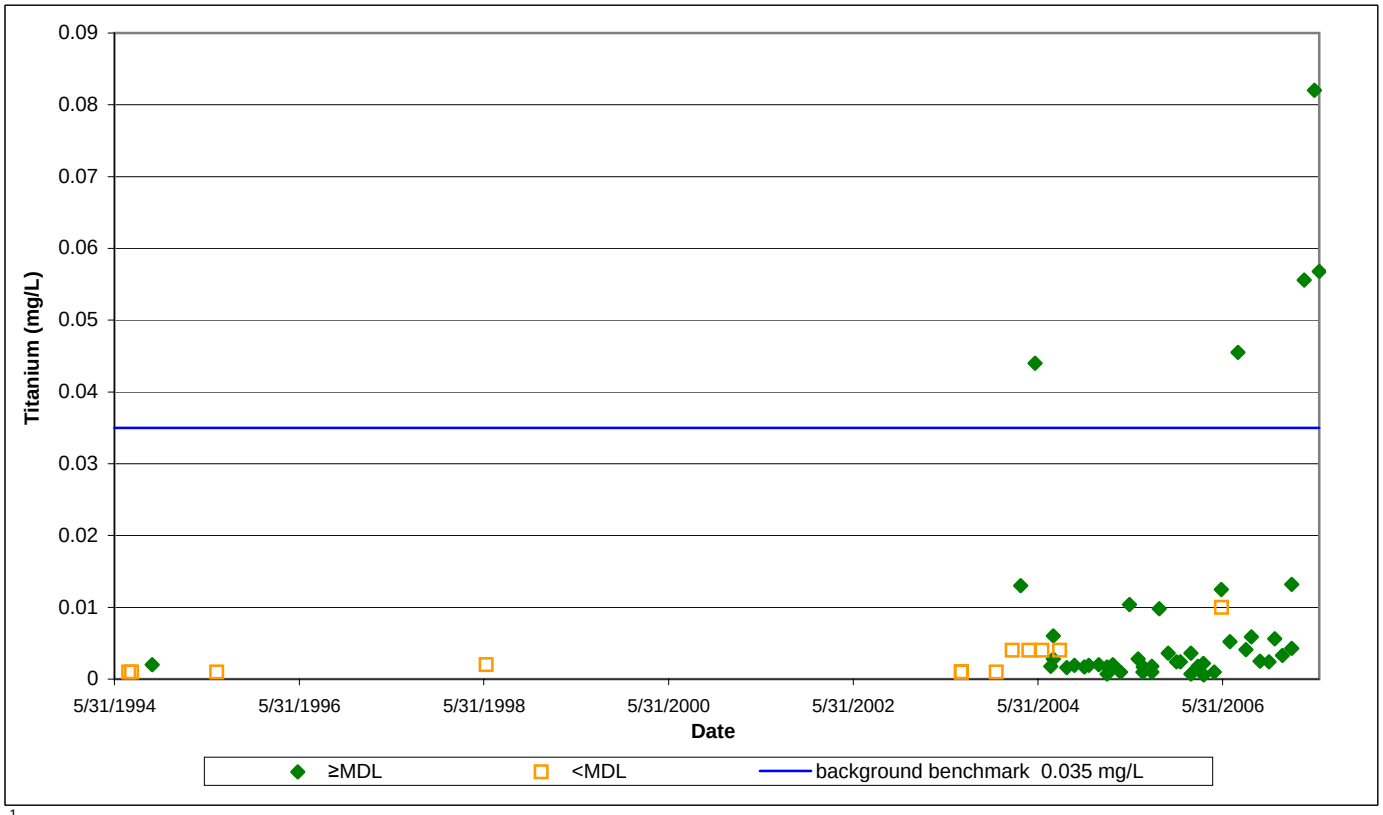
[1] Dataset not used to develop a backgroud benchmark due the small sample size and all data being < MDL

Figure A.90: Scatterplot of thorium concentrations over time for background stations KV1 & KV37 [1].



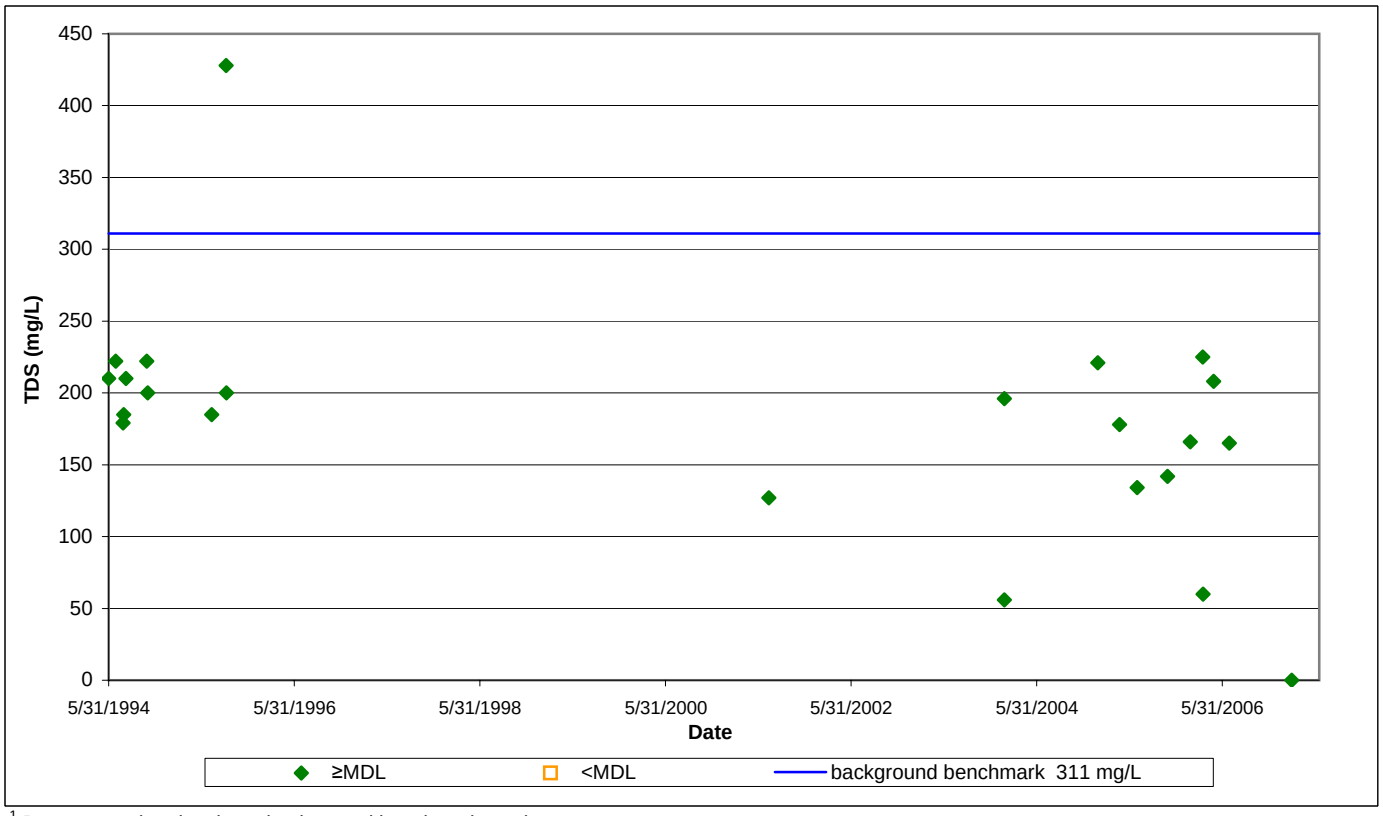
[1] Lowest most recent < MDL value set as background benchmark

Figure A.91: Scatterplot of tin concentrations over time for background stations KV1 & KV37 [1].



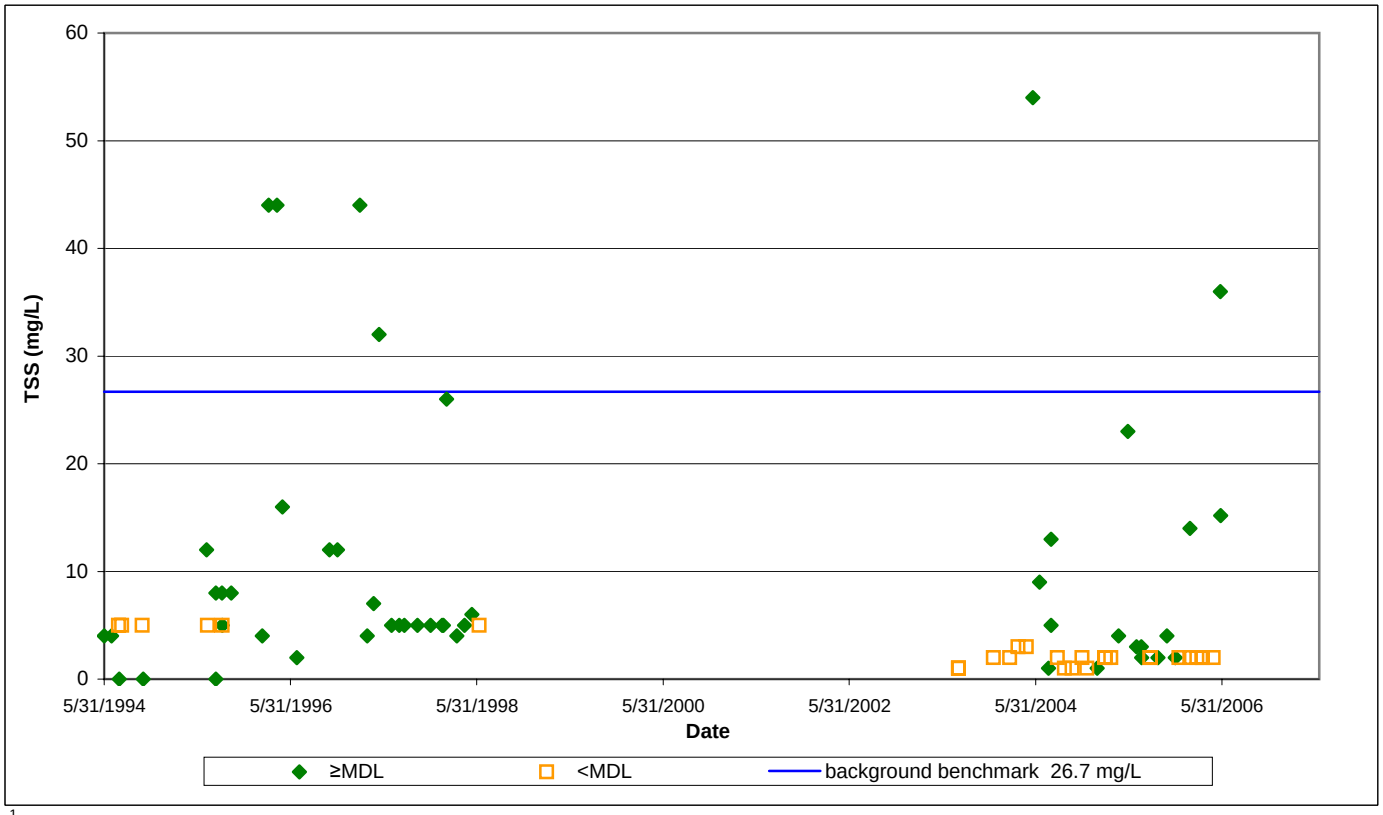
[1] Dataset used to develop a background benchmark as shown

Figure A.92: Scatterplot of titanium concentrations over time for background stations KV1 & KV37 [1].



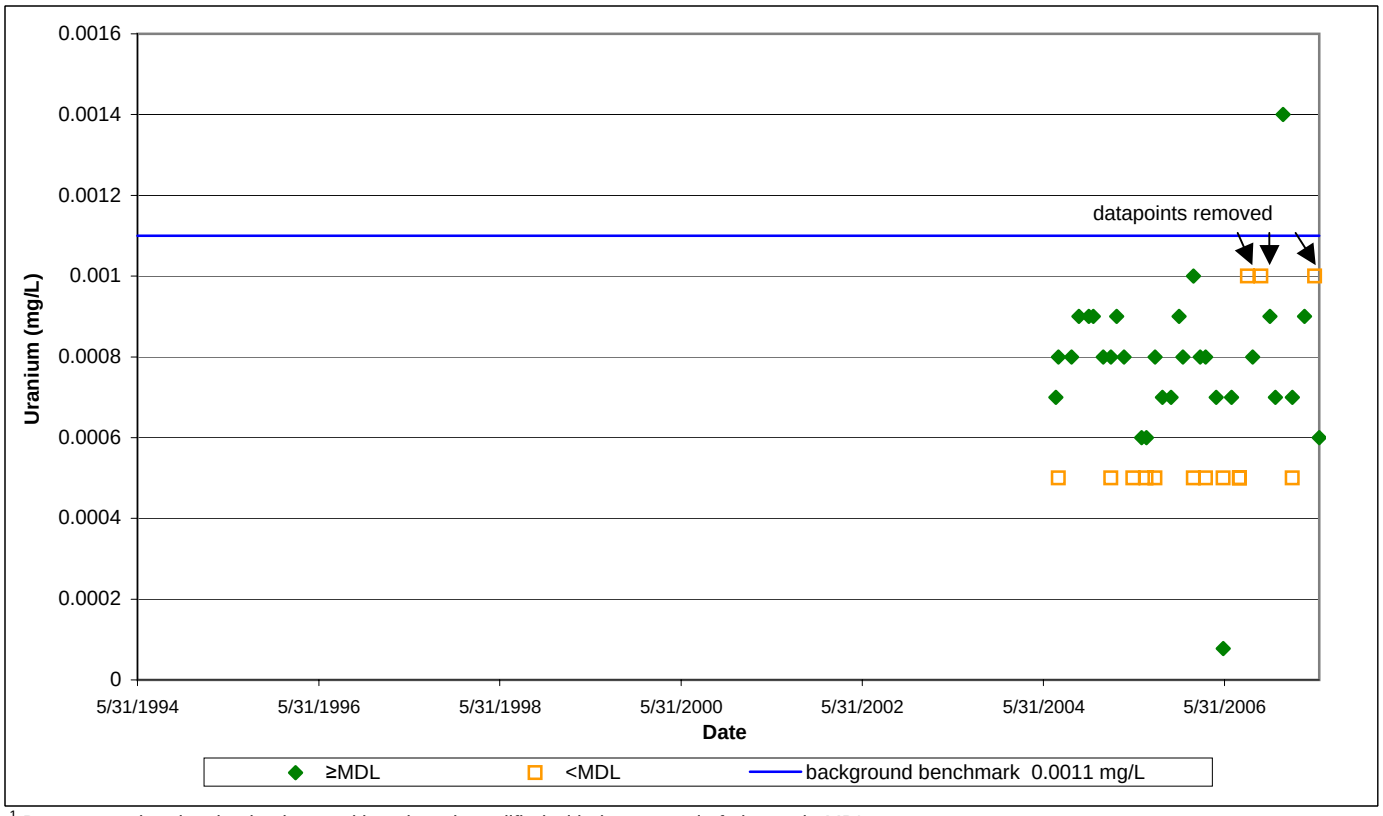
[1] Dataset used to develop a background benchmark as shown

Figure A.93: Scatterplot of TDS concentrations over time for background stations KV1 & KV37 [1].



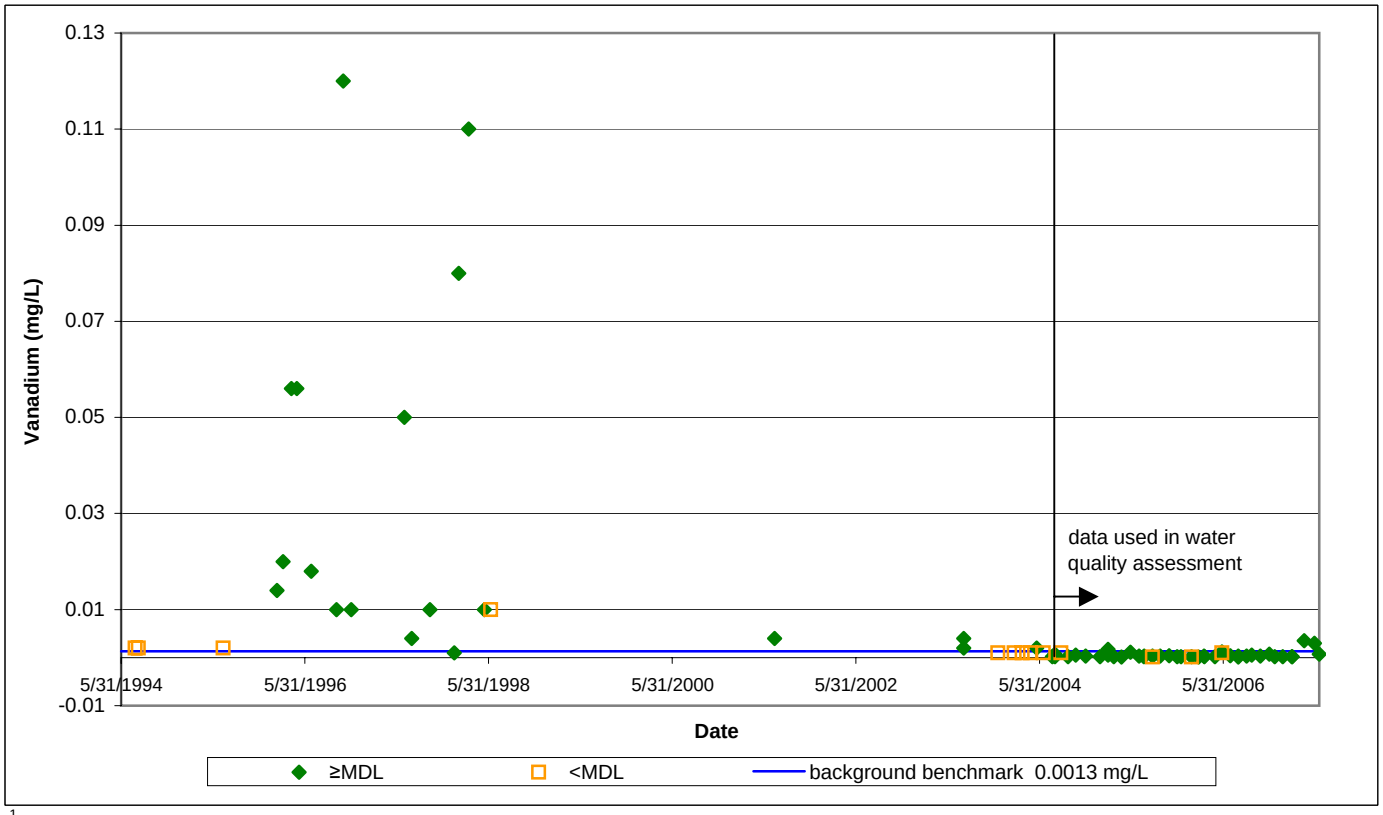
[1] Dataset used to develop a background benchmark as shown

Figure A.94: Scatterplot of TSS concentrations over time for background stations KV1 & KV37 [1].



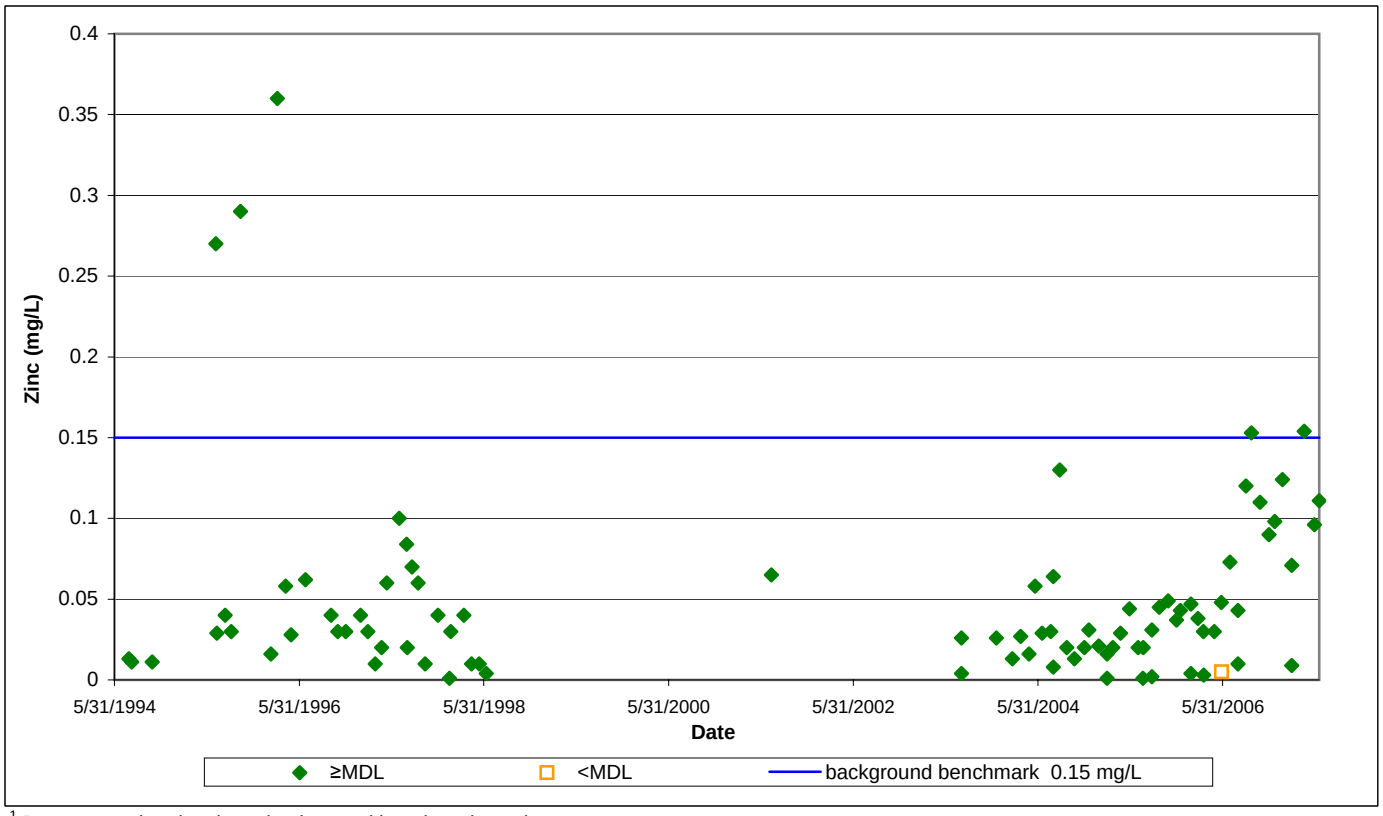
[1] Dataset used to develop background benchmark modified with the removal of elevated <MDLs

Figure A.95: Scatterplot of uranium concentrations over time for background stations KV1 & KV37 [1].



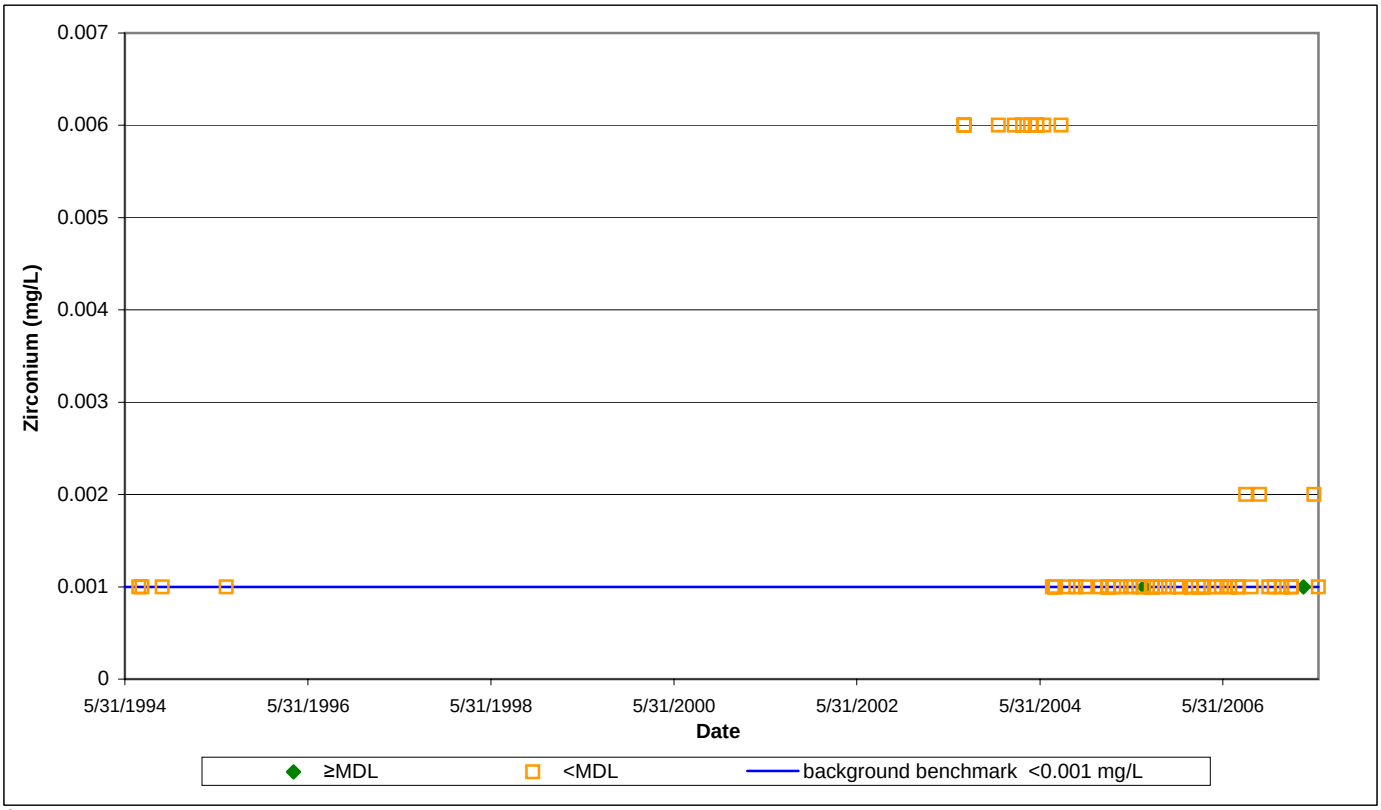
[1] Dataset used to develop background benchmark truncated to July 20, 2004

Figure A.96: Scatterplot of vanadium concentrations over time for background stations KV1 & KV37 [1].



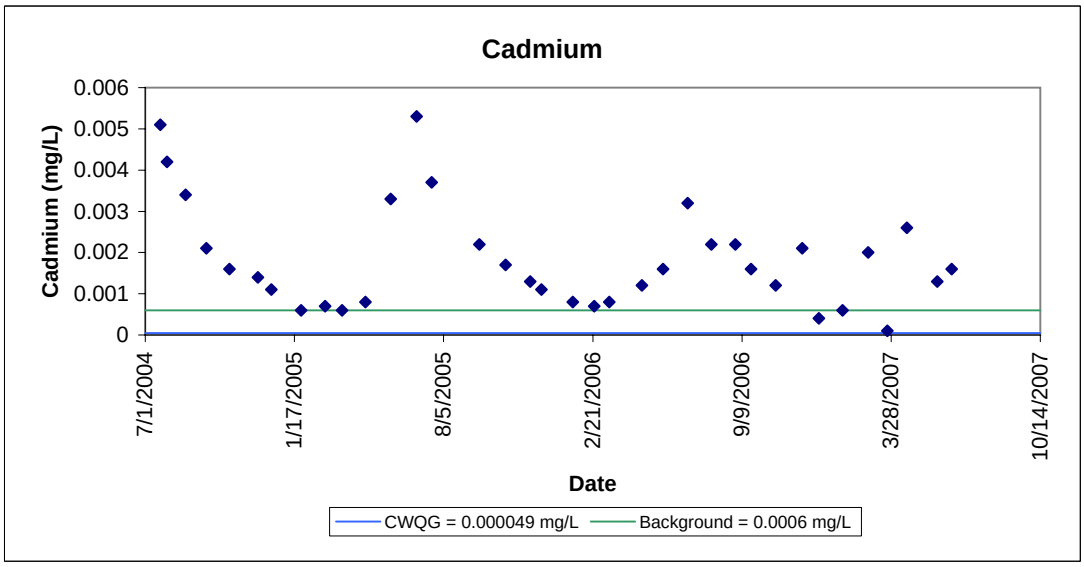
[1] Dataset used to develop a background benchmark as shown

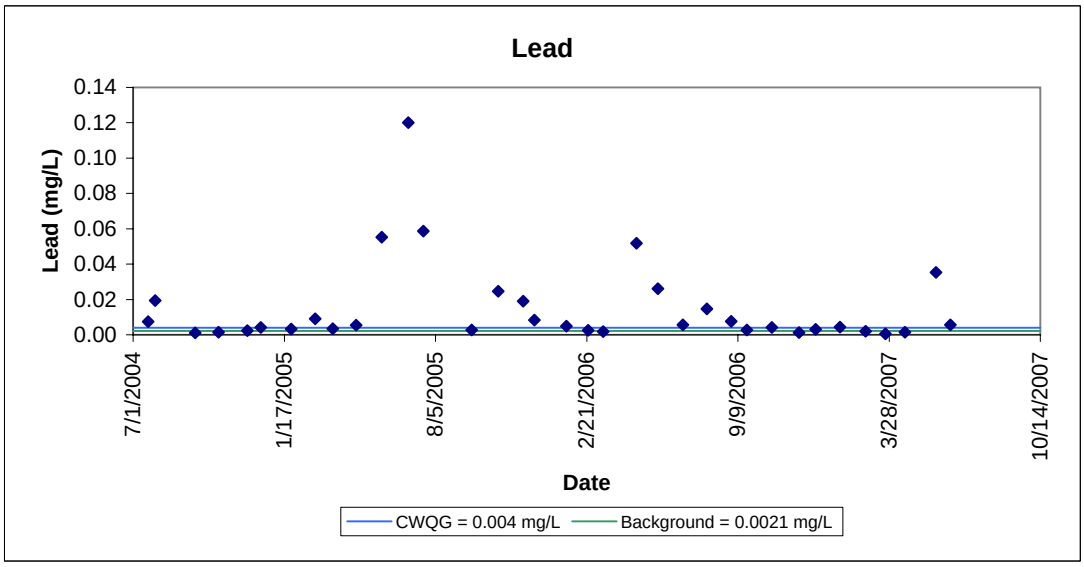
Figure A.97: Scatterplot of zinc concentrations over time for background stations KV1 & KV37 [1].

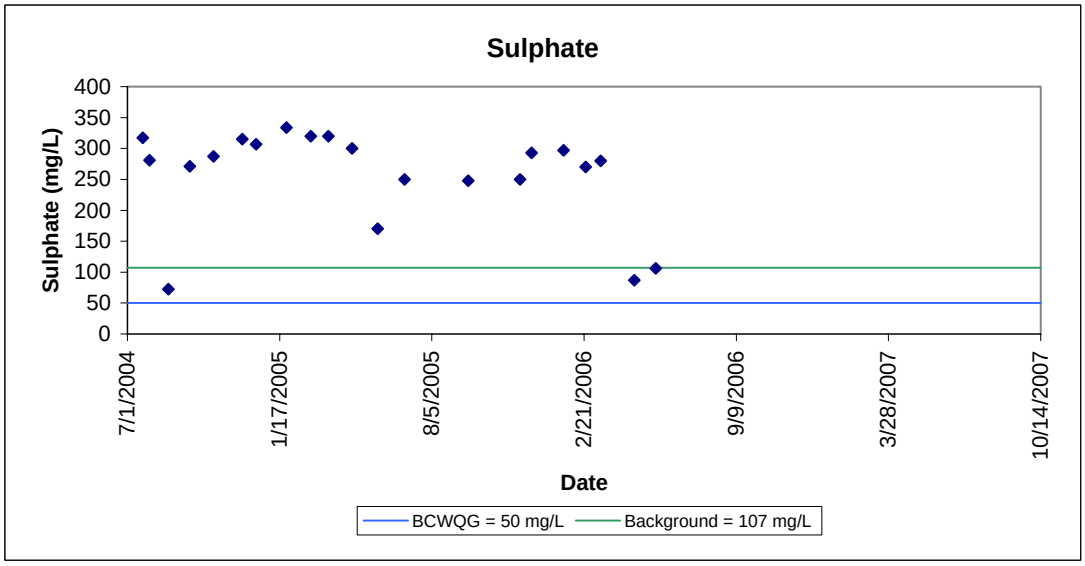


[1] Lowest most recent < MDL value set as background benchmark

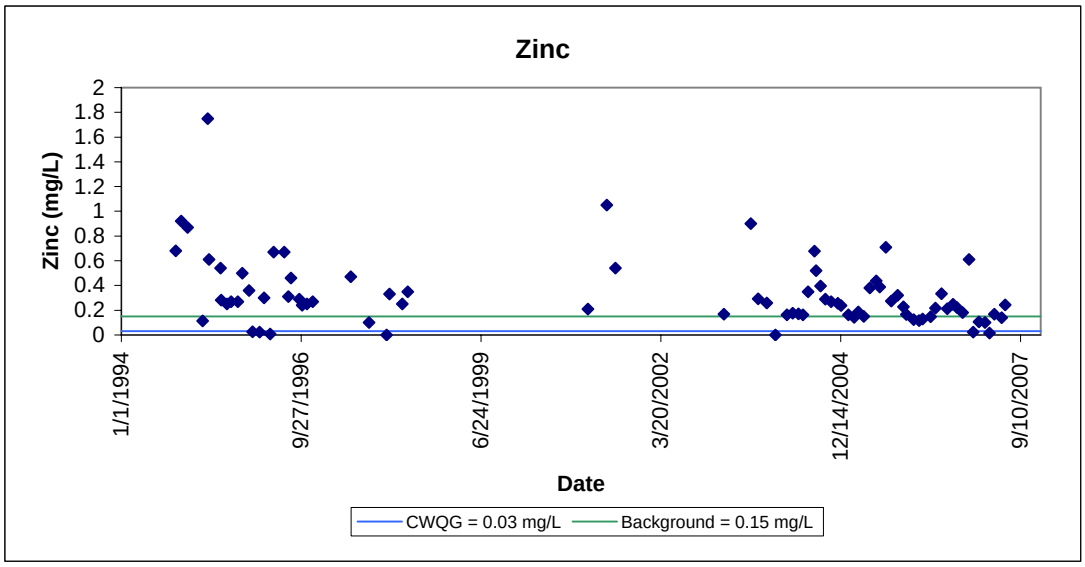
Figure A.98: Scatterplot of zirconium concentrations over time for background stations KV1 & KV37 [1].



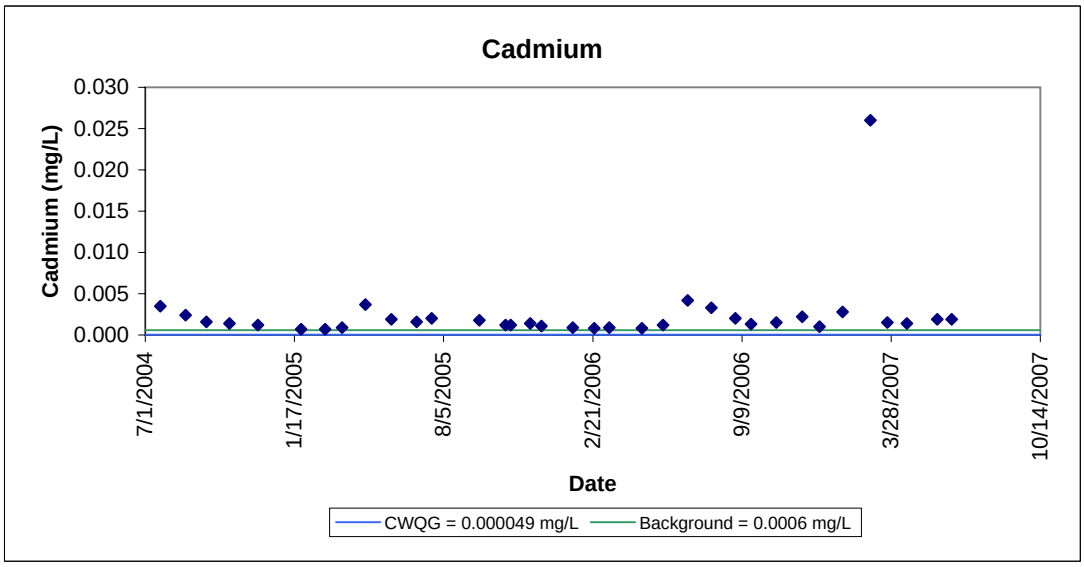


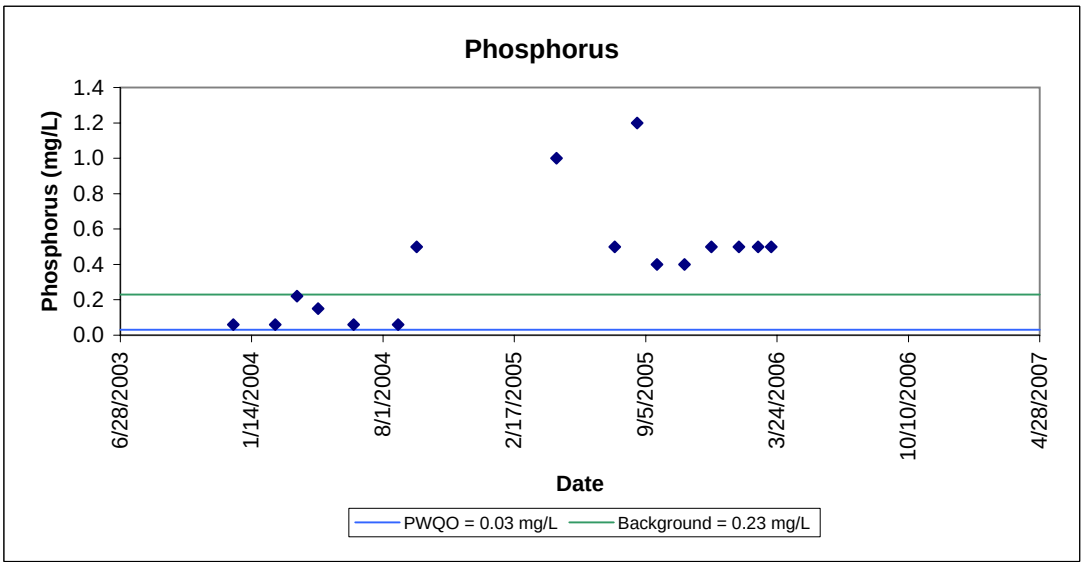


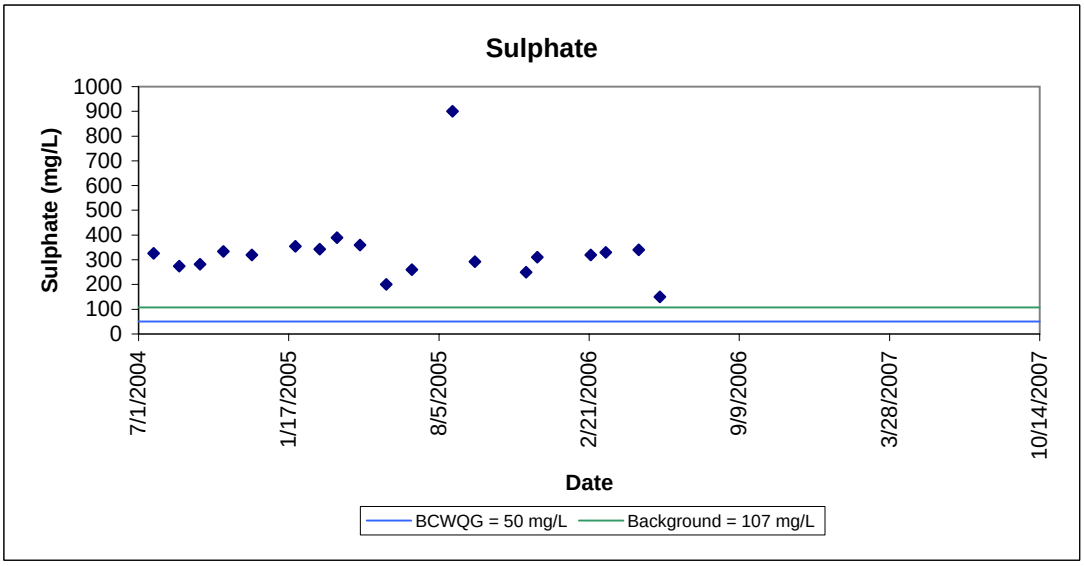
Appendix Figure A.99: Long-Term Temporal Trends for KV6, United Keno Hill, 1994 - 2007.



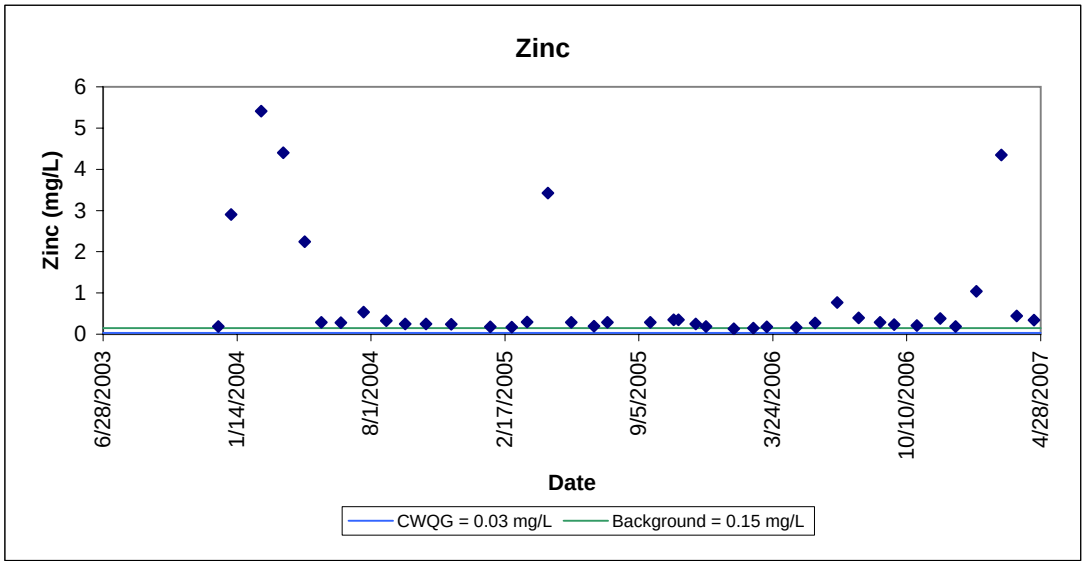
Appendix Figure A.99: Long-Term Temporal Trends for KV6, United Keno Hill, 1994 - 2007.



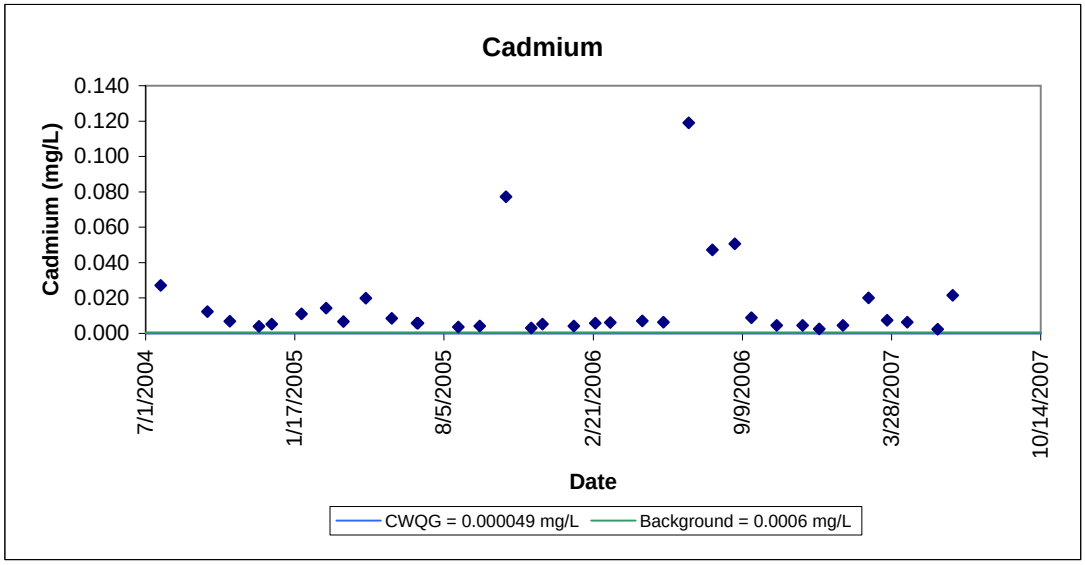


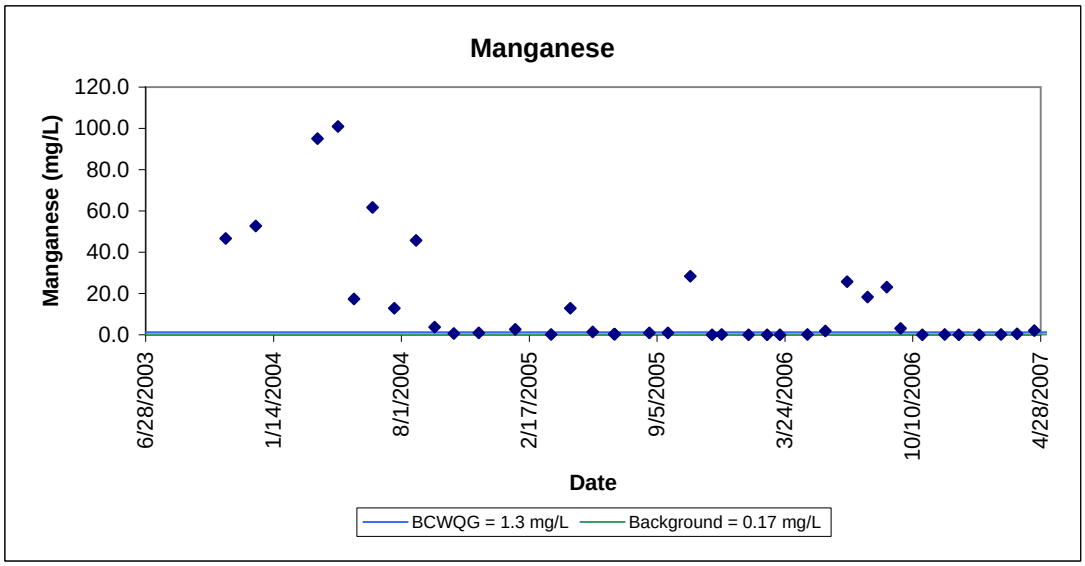


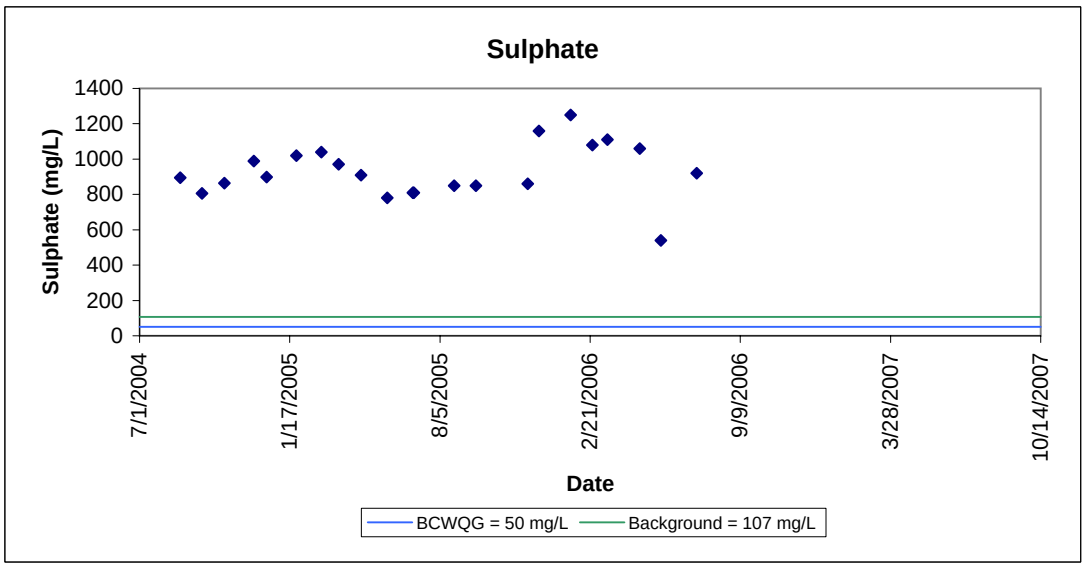
Appendix Figure A.100: Long-Term Temporal Trends for KV16, United Keno Hill, 1994 - 2007.



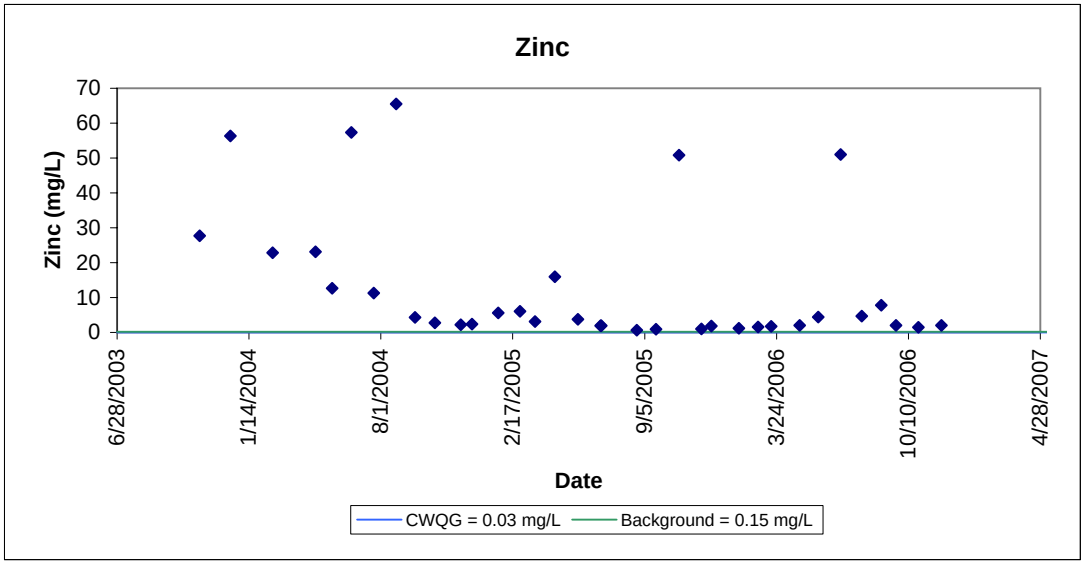
Appendix Figure A.100: Long-Term Temporal Trends for KV16, United Keno Hill, 1994 - 2007.



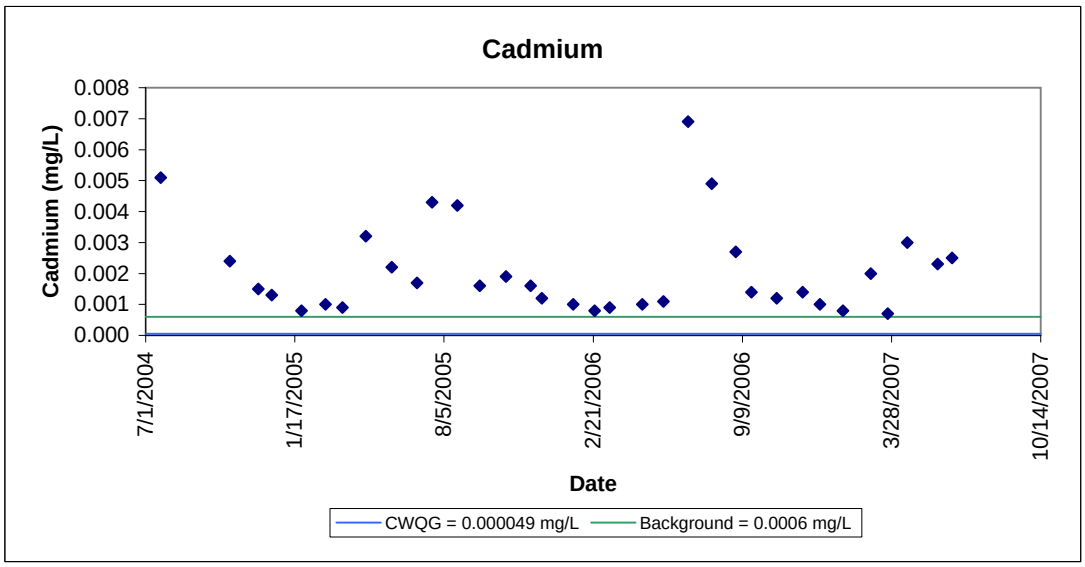


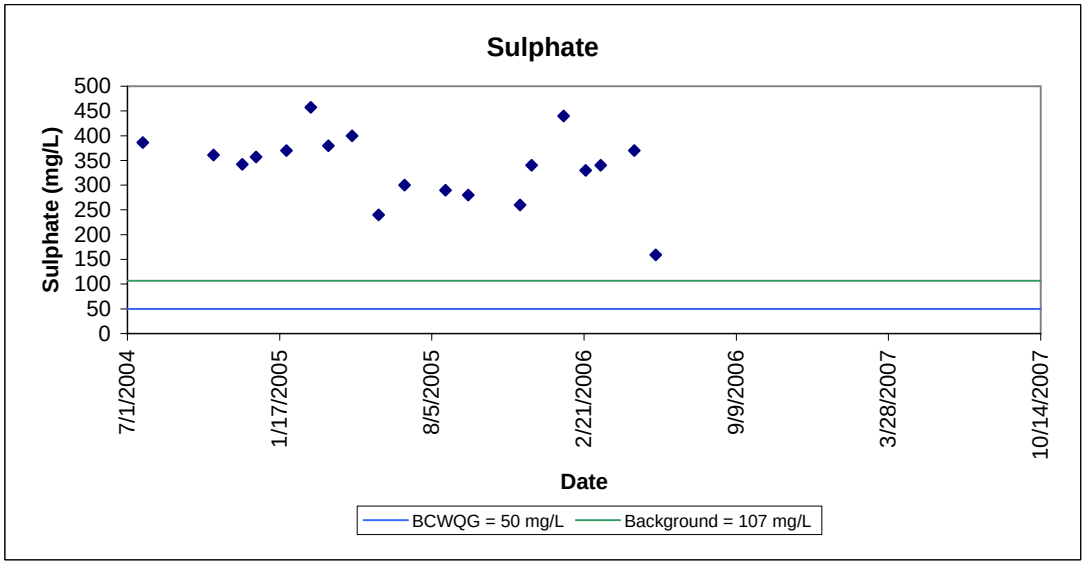


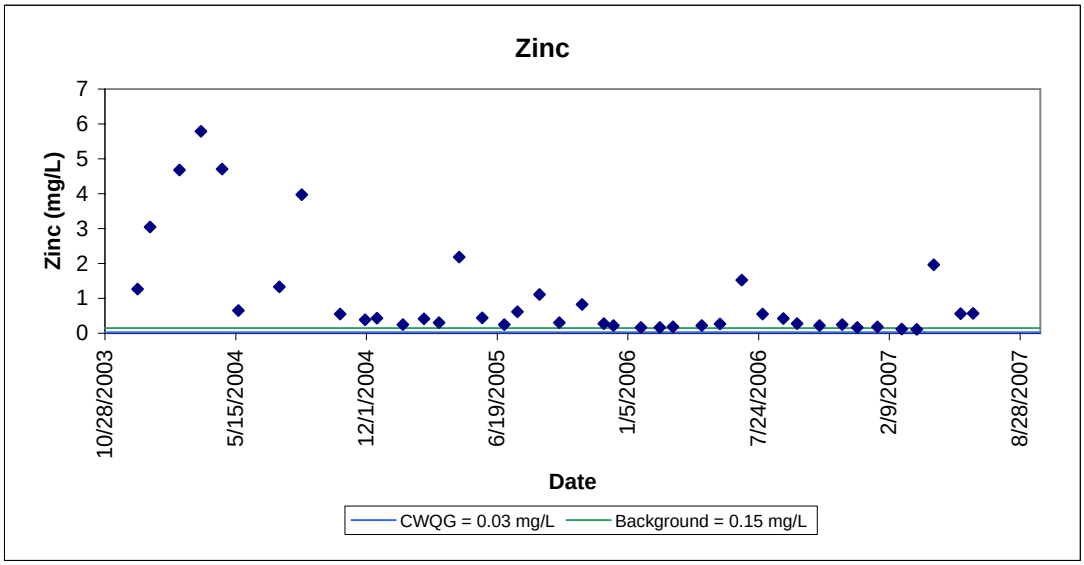
Appendix Figure A.101: Long-Term Temporal Trends for KV29, United Keno Hill, 1994 - 2007.



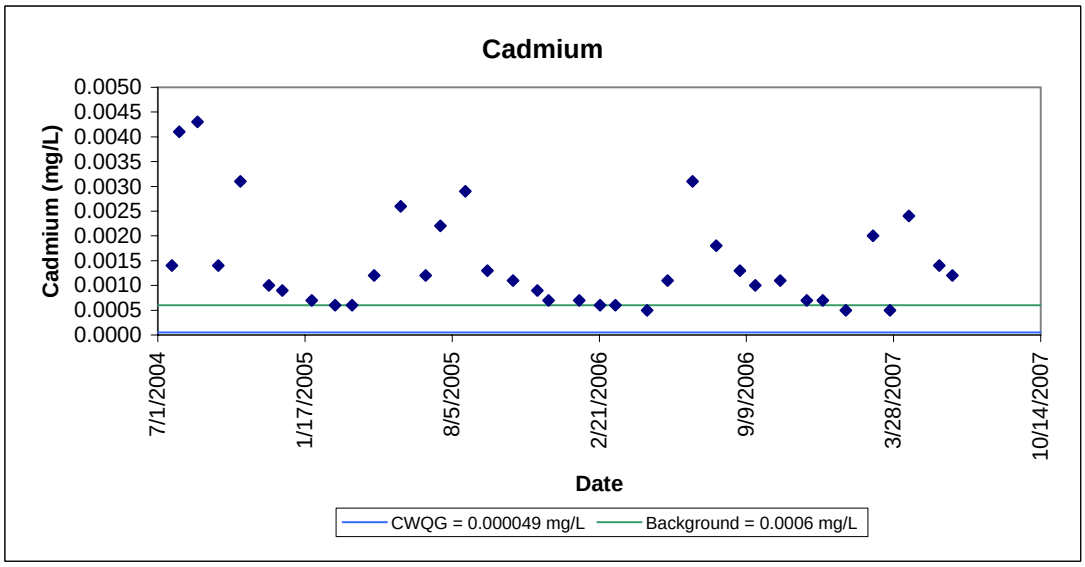
Appendix Figure A.101: Long-Term Temporal Trends for KV29, United Keno Hill, 1994 - 2007.

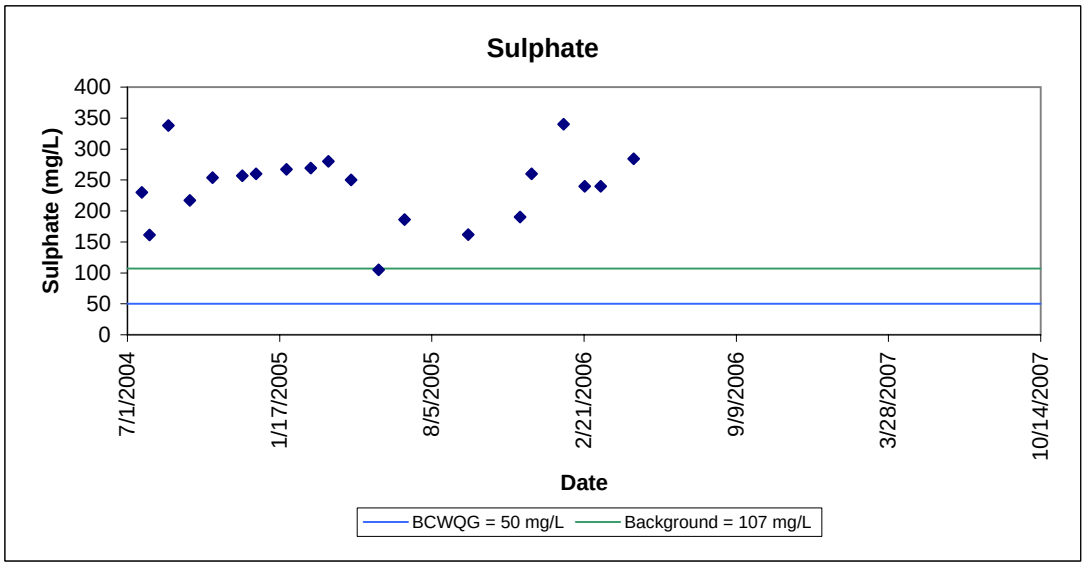


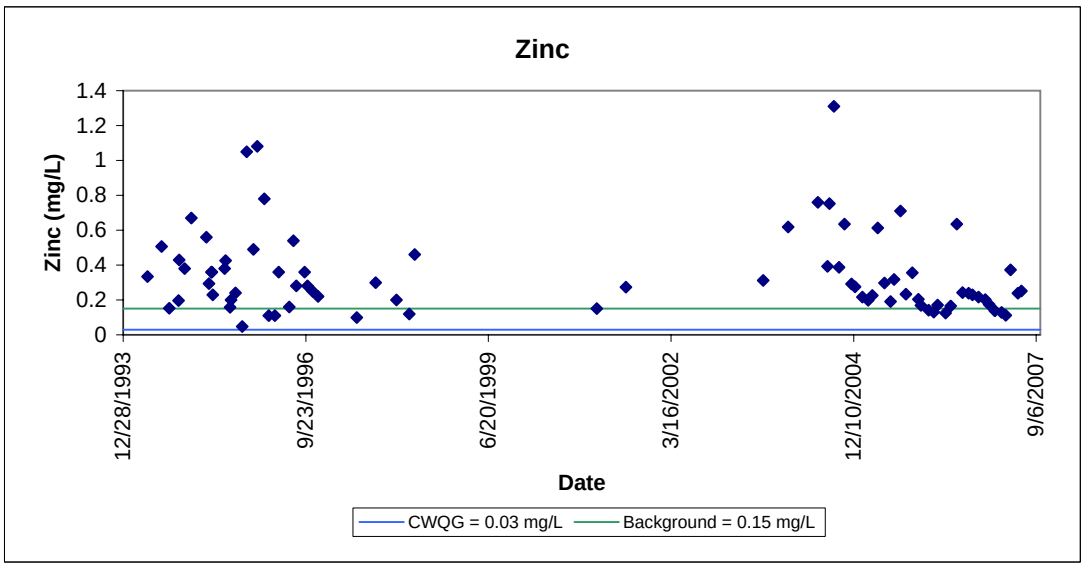




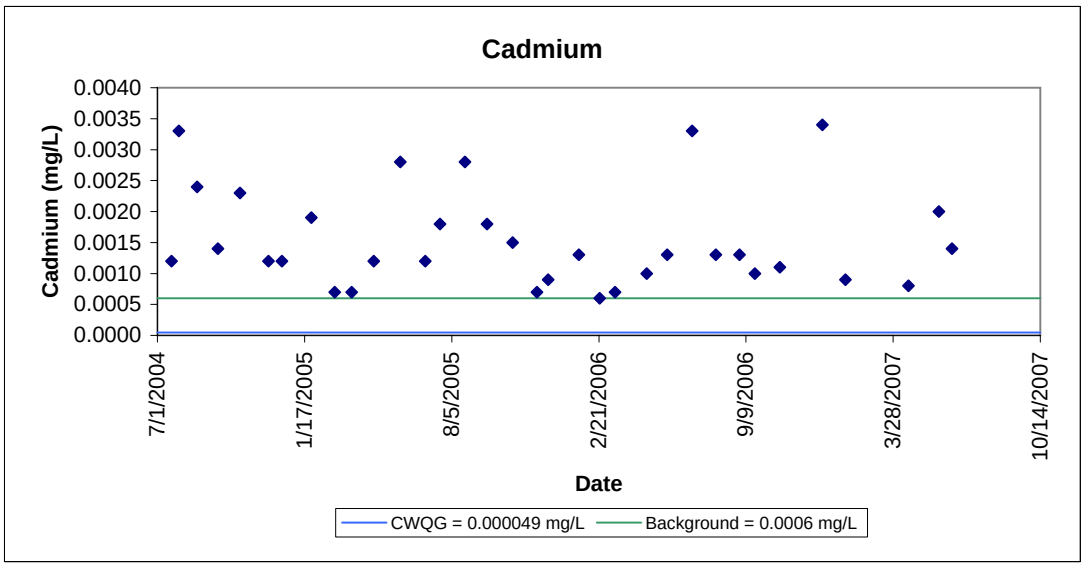
Appendix Figure A.102: Long-Term Temporal Trends for KV30, United Keno Hill, 1994 - 2007.

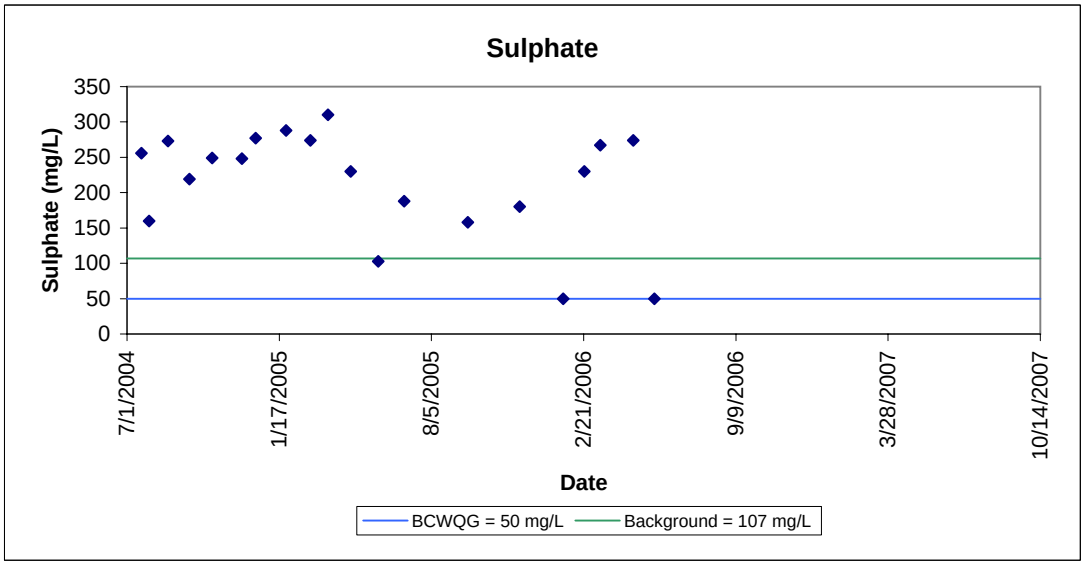


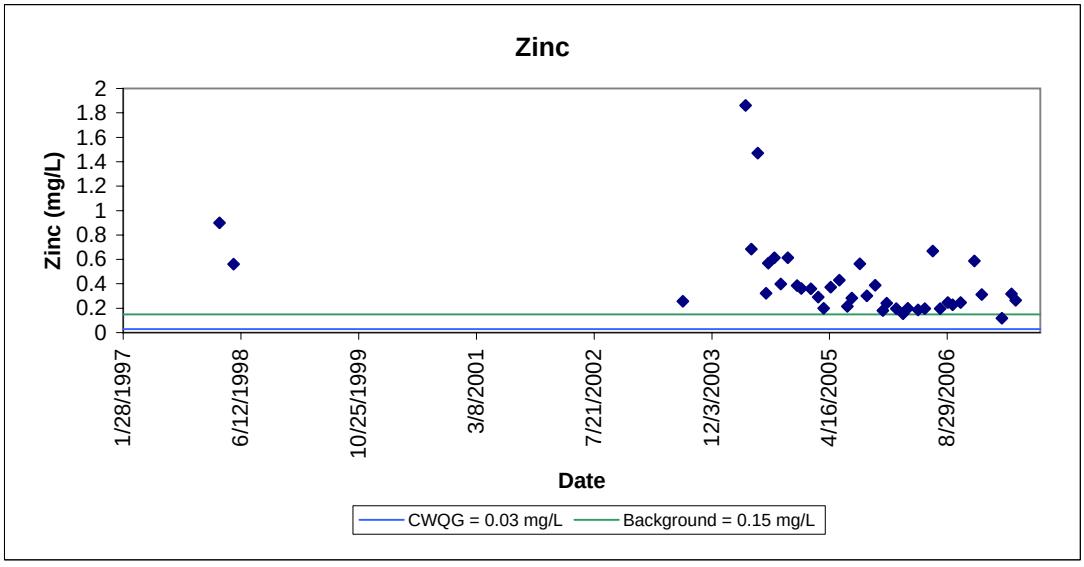




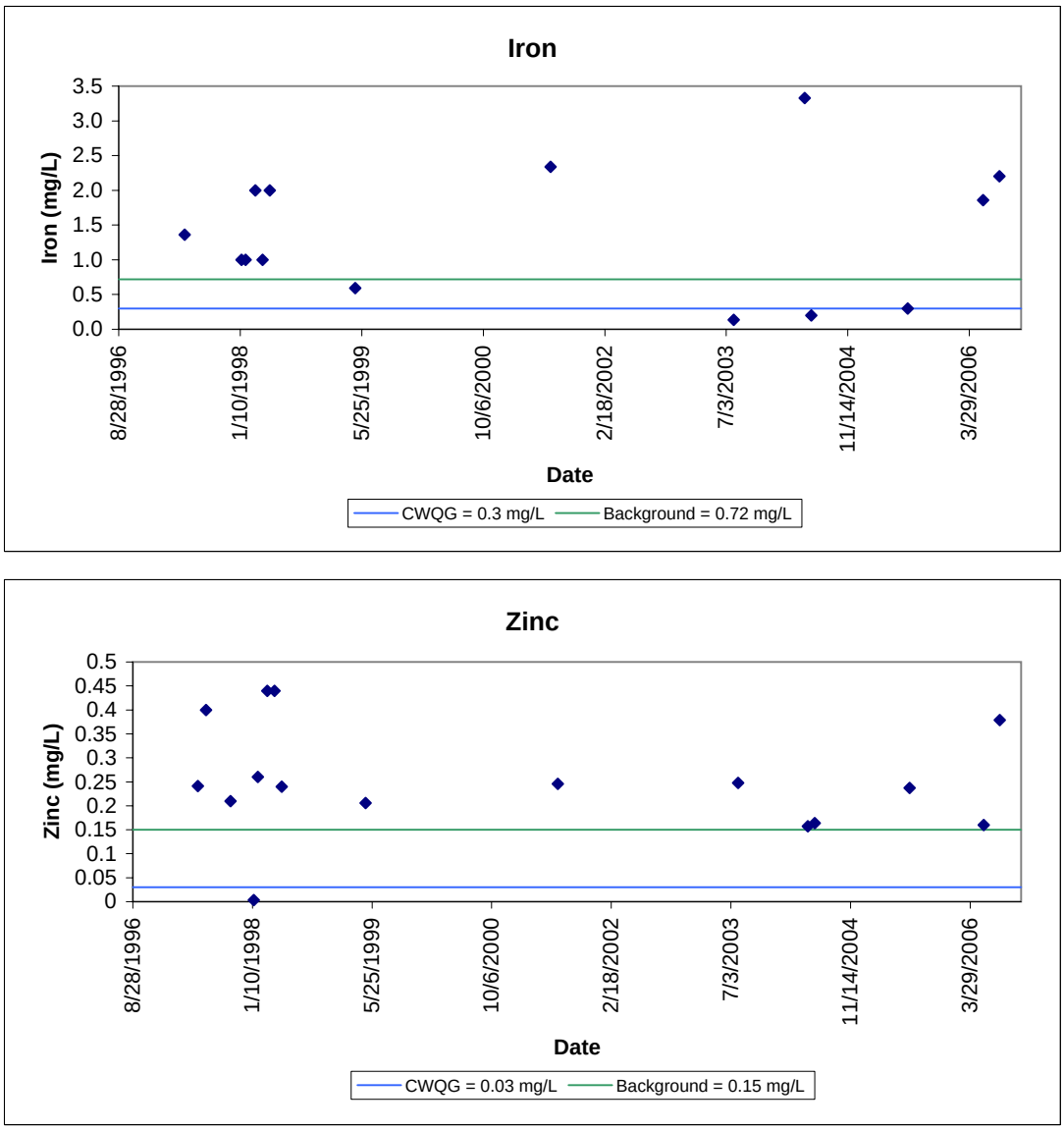
Appendix Figure A.103: Long-Term Temporal Trends for KV7, United Keno Hill, 1994 - 2007.







Appendix Figure A.104: Long-Term Temporal Trends for KV8, United Keno Hill, 1994 - 2007.



Appendix Figure A.105: Long-Term Temporal Trends for KV47, United Keno Hill, 1994 - 2007.

APPENDIX B

TOXICITY SUMMARY INFORMATION FOR CADMIUM AND ZINC

Appendix Table B.1: Summary of Studies Reporting Cadmium Toxicity to Aquatic Biota at Concentrations ≤ 0.01 mg/L

Source	Type	Scientific Name	Common Name	Hardness (mg/L as CaCO3)	Effect Concentration [a] (mg/L)	Hardness Adjusted Value [b] (mg/L)	Reference [c]
EPA 2001	Acute	*Oncorhynchus mykiss*	Rainbow trout (1130 mg)	30.2	0.00038	0.0006	Stratus Consulting 1999
		Oncorhynchus mykiss	Rainbow trout (659 mg)	29.3	0.00047	0.0008	Stratus Consulting 1999
		Oncorhynchus mykiss	Rainbow trout (1150 mg)	31.7	0.00051	0.0008	Stratus Consulting 1999
		Daphnia magna (genotype A)	Water flea	170	0.0036	0.0010	Baird et al. 1991
		Oncorhynchus mykiss	Rainbow trout (263 mg)	30.7	0.00071	0.0012	Stratus Consulting 1999
		Daphnia magna (genotype B)	Water flea	170	0.0045	0.0013	Baird et al. 1991
		Morone saxatilis	Striped bass (larva)	34.5	0.001	0.0015	Hughes 1973
		Salvelinus confluentus	Bull trout (76.1 mg)	30.7	0.00091	0.0015	Stratus Consulting 1999
		Salvelinus confluentus	Bull trout (218 mg)	30.2	0.0009	0.0015	Stratus Consulting 1999
		Oncorhynchus mykiss	Rainbow trout (289 mg)	89.3	0.00285	0.0016	Stratus Consulting 1999
		Salvelinus confluentus	Bull trout (221 mg)	31.7	0.001	0.0016	Stratus Consulting 1999
		Salmo trutta	Brown trout	43.5	0.0014	0.0016	Spehar and Carlson 1984a,b
		Morone saxatilis	Striped bass (63 d)	285	0.01	0.0017	Palawski et al. 1985
		Salvelinus confluentus	Bull trout (200 mg)	29.3	0.00099	0.0017	Stratus Consulting 1999
		Salvelinus fontinalis	Brook trout	42	<0.0015	<0.00179	Carroll et al. 1979
		Oncorhynchus mykiss	Rainbow trout (juv)	41	0.0015	0.0018	Buhl and Hamilton 1991
		Oncorhynchus mykiss	Rainbow trout (299 mg)	30	0.00129	0.0022	Stratus Consulting 1999
		Oncorhynchus mykiss	Rainbow trout (parr)	23	0.001	0.0022	Chapman 1978
		Daphnia magna (genotype A-1)	Water flea	170	0.009	0.0026	Baird et al. 1991
		Daphnia magna (genotype A-2)	Water flea	170	0.009	0.0026	Baird et al. 1991
		Oncorhynchus mykiss	Rainbow trout	43.5	0.0023	0.0027	Spehar and Carlson 1984a,b
		Oncorhynchus tshawytscha	Chinook salmon (juv)	21	0.0011	0.0027	Finlayson and Verrue 1982
		Daphnia magna (<24hr)	Water flea	170	0.0095	0.0027	Guilhermino et al. 1996
		Oncorhynchus mykiss	Rainbow trout (fry)	9.2	<0.0005	<0.00280	Cusimano et al. 1986
		Oncorhynchus mykiss	Rainbow trout	31	0.00175	0.0028	Davies 1976
		Oncorhynchus tshawytscha	Chinook salmon (juv)	25	0.00141	0.0029	Chapman 1982
		Oncorhynchus mykiss	Rainbow trout (swim-up)	23	0.0013	0.0029	Chapman 1975, 1978
		Morone saxatilis	Striped bass (fingerling)	34.5	0.002	0.0029	Hughes 1973
		Salvelinus confluentus	Bull trout (72.7 mg)	89.3	0.00606	0.0034	Stratus Consulting 1999
		Oncorhynchus mykiss	Rainbow trout (8.8 g)	44.4	0.003	0.0034	Phipps and Holcombe 1985
		Oncorhynchus tshawytscha	Chinook salmon (swim-up)	23	0.0018	0.0040	Chapman 1975, 1978
		Tanytarsus dissimilis	Chironomid	47	0.0038	0.0040	Anderson et al. 1980
		Oncorhynchus kisutch	Coho salmon (juv)	41	0.0034	0.0042	Buhl and Hamilton 1991
		Salvelinus confluentus	Bull trout (84.2 mg)	30	0.00289	0.0049	Stratus Consulting 1999
		Morone saxatilis	Striped bass (63 d)	40	0.004	0.0050	Palawski et al. 1985
		Oncorhynchus kisutch	Coho salmon (parr)	22	0.0027	0.0062	Chapman 1975
		Oncorhynchus tshawytscha	Chinook salmon (smolt)	23	>0.0029	>0.00639	Chapman 1975, 1978
		Oncorhynchus tshawytscha	Chinook salmon	23	0.0035	0.0077	Chapman 1975, 1978
		Oncorhynchus mykiss	Rainbow trout (smolt)	23	0.0041, >0.0029	0.00903, >0.00639	Chapman 1975
		Daphnia magna (<24hr)	Water flea	51	0.0099	0.0097	Chapman et al. Manuscript
		Utterbackia imbecilis	Mussel (juv)	39	0.009	0.0116	Keller and Zam 1991
		Simocephalus serrulatus	Water flea	11.1	0.007	0.0323	Giesy et al. 1977
		Daphnia magna	Water flea	-	<0.0016	-	Anderson 1948
		Daphnia magna (one instar)	Water flea	-	0.00247	-	Barata and Baird 2000
		Daphnia magna (two instars)	Water flea	-	0.00334	-	Barata and Baird 2000
		Oncorhynchus mykiss	Rainbow trout	-	0.006	-	Kumada et al. 1973
		Oncorhynchus mykiss	Rainbow trout	-	0.006	-	Kumada et al. 1980
		Oncorhynchus mykiss	Rainbow trout (2 mo)	-	0.0066	-	Hale 1977
		Oncorhynchus mykiss	Rainbow trout	-	0.007	-	Kumada et al. 1973
	Chronic	*Daphnia magna*	Water flea	103	0.00021	0.00012	Chapman et al. Manuscript
		Daphnia magna	Water flea	53	0.00015	0.00015	Chapman et al. Manuscript
		Daphnia magna	Water flea	209	0.00044	0.00015	Chapman et al. Manuscript
		Hyalella azteca	Amphipod	280	0.00098	0.00028	Ingersoll and Kemble Unpublished
		Daphnia magna	Water flea	130	<0.0019	<0.00092	Borgmann et al. 1989
		Oncorhynchus mykiss	Rainbow trout (270d)	250	0.0043	0.00131	Brown et al. 1994
		Salvelinus fontinalis	Brook trout	37	0.0017	0.00217	Sauter et al. 1976
		Salvelinus fontinalis	Brook trout	44	0.002	0.00225	Eaton et al. 1978
		Oncorhynchus kisutch	Coho salmon (Lk. Supr)	44	0.0021	0.00231	Eaton et al. 1978
		Oncorhynchus tshawytscha	Chinnok salmon	25	0.0016	0.00261	Chapman 1975
		Salvelinus fontinalis	Brook trout	44	0.0024	0.00264	Benoit et al. 1976
		Chironomus tentans	Midge	280	0.01	0.00280	Ingersoll and Kemble Unpublished
		Daphnia magna	Water flea	150	0.0071	0.00313	Bodar et al. 1988b
		Aplexa hypnorum	Snail	45.3	0.0035	0.00372	Holcombe et al. 1984
		Jordanella floridae	Flagfish	47.5	0.0044	0.00459	Carlson et al. 1982
		Jordanella floridae	Flagfish	47.5	0.005	0.00518	Carlson et al. 1982
		Daphnia pulex	Water flea	65	0.0075	0.00617	Niederlehner 1984
		Aplexa hypnorum	Snail	45.3	0.0058	0.00624	Holcombe et al. 1984
		Jordanella floridae	Flagfish	44	0.0058	0.00637	Spehar 1976a
		Salmo trutta	Brown trout	44	0.0067	0.00733	Eaton et al. 1978
		Catostomus commersoni	White sucker	44	0.0071	0.00780	Eaton et al. 1978
		Oncorhynchus kisutch	Coho salmon (West Coast)	44	0.0072	0.00787	Eaton et al. 1978
		Salmo salar	Atlantic salmon	23.5	0.0045	0.00792	Rombough and Garside 1982
		Salvelinus namaycush	Lake trout	44	0.0074	0.00809	Eaton et al. 1978
		Esox Lucius	Northern pike	44	0.0074	0.00809	Eaton et al. 1978
		Micopterus dolomieui	Smallmouth bass	44	0.0074	0.00812	Eaton et al. 1978
		Pimephales promelas	Fathead minnow	44	0.01	0.01099	spehar and Fiandt 1986
	Plants	*Asterionella formosa*	Diatom	-	0.002	-	Conway 1978
		(mixed sp.)	Algae	11.1	0.005	-	Giesy et al. 1979
		Scenedesmus quadracauda	Diatom	-	0.0061	-	Klass et al. 1974
		Chara vulgaris	Alga	-	0.0095	-	Heumann 1987
		Salvina natans	Fern	-	0.01	-	Hutchinson and Czyrska 1972
		Lemna valdiviana	Duckweed	-	0.01	-	Hutchinson and Czyrska 1972
Other Recent Data		*Oncorhynchus mykiss*	Rainbow trout	30	0.00035	-	Hansen et al. 2002
		Salvelinus confluentus	Bull trout	30	0.00083	-	Hansen et al. 2002
		Hydra viridissima	Green hydra	20	0.003	-	Holdway et al. 2001
		Hydra vulgaris	Pink hydra	20	0.0085	-	Holdway et al. 2001

[a] Data represent a variety of endpoints (eg. LC50 or ED50 for acute tests and some chronic tests, as well as highest no-effect concentrations or chronic threshold values for chronic tests).

[b] As reported by USEPA (2001) for hardness of 50 mg/L as $CaCO_3$

[c] References cited in USEPA 2001.

Appendix Table B.2: Summary of Studies Reporting Zinc Toxicity to Aquatic Biota at Concentrations ≤ 0.1 mg/L

		Scientific Name	Common Name	Hardness (mg/L as CaCO3)	Effect Concentration[a] (mg/L)	Hardness-Adjusted Values[b] (mg/L)	Reference[c]
US EPA 1987	Acute	*Ceriodaphnia reticulata*	Water flea	45	0.032	0.03499	Carlson and Roush 1985
		Ceriodaphnia reticulata	Water flea	45	0.041	0.04482	Carlson and Roush 1985
		Oncorhynchus mykiss	Rainbow trout (fry)	9.2	0.066	0.277	Cusimano et al. 1986
		Daphnia magna	Water flea	45	0.068	0.07435	Mount and Norberg 1984
		Daphnia magna	Water flea	-	<0.07195	-	Anderson 1948
		Ceriodaphnia reticulata	Water flea	45	0.076	0.0831	Mount and Norberg 1984
		Oncorhynchus tshawytscha	Chinook salmon (juv)	21	0.084	0.1752	Finlayson and Verrue 1982
		Salmo clarki	Cutthroat trout (fingerling)	-	0.090	-	Rabe and Sappington 1970
		Oncorhynchus mykiss	Rainbow trout (swim-up alevin)	23	0.093	0.1796	Chapman 1975, 1978b
		Oncorhynchus tshawytscha	Chinook salmon (swim-up alevin)	23	0.097	0.1873	Chapman 1975, 1978b
		Daphnia magna	Water flea	45.3	0.100	0.1089	Biesinger and Cristensen 1972
	Chronic	*Jordanella floridae*	Flagfish	44	0.03641	-	Spehar 1976a,b
		Daphnia magna	Water flea	211	0.04673	-	Chapman et al. Manuscript
		Daphnia magna	Water flea	104	0.04729	-	Chapman et al. Manuscript
	Plants	*Selenastrum capricornutum*	Green alga	-	0.030	-	Bartlett et al. 1974
		Selenastrum capricornutum	Green alga	-	0.0404	-	Greene et al. 1975
		Selenastrum capricornutum	Green alga	-	0.0509	-	Turbak et al. 1986
		Selenastrum capricornutum	Green alga	-	0.068	-	Greene et al. 1975
USEPA Ecotox Database (post US EPA 1987)		*Salmo trutta*	Brown trout	-	0.0049-0.0196	-	Sayer et al 1989
		Ambassis ranga	Indian freshwater perch	-	0.008109	-	Gaikwad S.A. 1989
		Asellus aquaticus	Isopod	-	0.01	-	Migliore and Nicola Giudici 1990
		Moina macrocopa	Water flea	-	0.01	-	Wong. 1993
		Etroplus maculatus	Pearlspot	-	0.0105	-	Gaikwad S.A. 1989
		Daphnia magna	Water flea	-	0.0125	-	Paulaskis and Winner 1988
		Tilapia mossambica	Mozambique tilapia	-	0.012625	-	Gaikwad S.A. 1989
		Insect community	Insect community	85	0.015	-	Clements et al. 1988
		Ceriodaphnia dubia	Water flea	-	0.02	-	Masters et al. 1991
		Moina irrasa	Water flea	-	0.025	-	Zou 1997
		Pimephales promelas	Fathead minnow	-	0.029	-	Norberg-King T.J. 1987
		Ephydatia fluviatilis	Freshwater sponge	30	0.032	-	Francis and Harrison 1988
		Moina irrasa	Water flea	-	0.03379	-	Zou and Bu 1994
		Corbicula sp.	Asiatic clam	70.7	0.034	-	Farris et al. 1989
		Erpobdella octulata	Leech	15	0.06	-	Willis 1989
		Pimephales promelas	Fathead minnow	-	0.06	-	Gale et al. 1992
		Ceriodaphnia dubia	Water flea	-	0.0605	-	Bitton et al. 1995
		Ceriodaphnia dubia	Water flea	-	0.065	-	Belanger and Cherry 1990
		Potamopyrgus jenkinsi	Snail	-	0.0715	-	Dorgelo et al. 1995
		Colpidium sp.	Protozoan	-	0.072	-	Pratt et al. 1997
		Hyalella azteca	Scud	-	0.073	-	Phipps et al. 1995
		Ancylus fluviatilis	Mollusc		0.08	-	Willis 1988
		Moina macrocopa	Water flea	-	0.094	-	Pokethitiyook et al. 1987
		Oncorhynchus mykiss	Rainbow trout	-	0.095	-	Anadu et al. 1989
Recent Articles		*Oncorhynchus mykiss*	Rainbow trout	30	0.024-0.053	-	Hansen et al. 2002
		Daphnia magna	Water flea	-	0.028	-	DeSchamphelaere et al. 2004
		Salvelinus confluentus	Bull trout	30	0.030-0.080	-	Hansen et al. 2002
		Cottus bairdi	Mottled sculpin	46.3	0.032	-	Woodling et al 2002
		Tanytarsus dissimilis	Chironomid	46.8	0.0368	-	Anderson et al. 1980
		Cottus bairdi	Mottled sculpin	48.6	0.038	-	Woodling et al 2002
		Chlorella sp.	Alga	40-48	0.052	-	Wilde et al 2006
		Ceriodaphnia dubia	Water flea	125	0.070	-	Hyne et al 2005

[a] Data represent a variety of endpoints (eg. LC50 or ED50 for acute tests and some chronic tests, as well as highest no-effect concentrations or chronic threshold values for chronic tests).

[b] As reported by USEPA (1987) for hardness of 50 mg/L as $CaCO_3$.

[c] References cited in USEPA 1987.

Appendix N



Elsa Reclamation and Development Corp.

Onek 400 Proposed Water Treatment System

Water Use Licence QZ06-074

December 2011

Prepared by:

Alexco Environmental Group

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Appendix 1 Water Treatment Plant Conceptual Design

1.0 INTRODUCTION

1.1 *Adaptive Management Framework*

Water Use Licence (WUL) QZ06-074 clause 22 requires the development and implementation of an Adaptive Management Plan (AMP) which addresses contingent events not explicitly covered in the Licence. In its Reasons for Decision, the Yukon Water Board (YWB) explains that it allowed water to remain untreated at several adits in the district only on the condition that continued monitoring of the adits take place, and an adaptive management plan is developed that will establish a path for active treatment at a currently untreated adit, such as Onek 400, based on receipt of surface water or groundwater quality data that shows environmental degradation from the adit discharge in surface water or groundwater.

In the AMP (ERDC, 2008) section 3.1.5.2, the appropriate responses to be followed when groundwater or surface water data shows a degradation of water quality that requires a response is described. Two relevant paragraphs are excerpted which describe follow up actions to be taken when data are received that show environmental degradation from adit drainage:

> The next step will be to perform a comprehensive analysis of samples taken at the sampling stations in the drainage area down gradient of the site in question. At certain old mine workings (No Cash 500 adit and Onek adit), down gradient piezometers have been installed to track effects to the local receiving environment. Additional drive point piezometers could be installed at other locations based on continued tracking of adit discharge flow paths. Results of 2007 monitoring of adit flow paths tracked most flows to receiving waters, however, if flow goes to ground and is not observed to enter receiving waters, additional piezometers may be installed. Results from piezometers would be analysed to determine the extent of the groundwater contamination, if any. The purpose of this analysis will be to aid in the identification of potential down gradient environmental effects. This will also allow a determination of the extent of the higher contamination levels and will dictate the extent of the response measures. If deemed necessary, monitoring frequency will be increased to help pinpoint the cause of the trigger in the effluent discharge and include additional groundwater, seepage or surface water sampling in the receiving environment.

Technical experts and regulatory agencies will be consulted to determine temporary mitigation measures which can be implemented to control the flow of contaminants, if occurring, into nearby watercourses or groundwater while a mitigation plan is developed. Once a mitigation or treatment plan is developed, construction of any required facilities and implementation of any required work plans will then proceed according to any directives returned by the Yukon Water Board. These plans should allow water quality to return to normal levels by securely preventing the noted contaminants from proceeding any further past the treatment point, much like the treatment sites at Galkeno 300 or Bellekeno 625. The water treatment plans will be designed such that treatment can proceed for an undetermined length of time until the final Closure Plan can be implemented.

1.2 *Recent Investigations and Regulatory Discussion*

A study of the Onek 400 adit area has been performed in several phases over the last several years. A draft report from Interralogic (October 27, 2011) summarizes information from a flow path investigation of water from the adit, as well as data from new wells installed in the area of the Onek adit on the northern side of Keno City. Recent water quality information has shown two metals, cadmium and zinc, which are elevated in the adit drainage, are also elevated in a well downgradient of the adit, and somewhat elevated compared to nearby wells in other wells further downgradient of the adit toward Christal Lake and Christal Creek. Other water quality modeling mass balance analysis that is ongoing has indicated that Onek adit drainage is the largest untreated source of metals in the Christal Creek watershed.

Consequently, Alexco Environmental Group (AEG), on behalf of Elsa Reclamation and Development Corp., has described both the current status of the investigation in the area, and the preliminary modeling results, to Canada (Aboriginal Affairs and Northern Development Canada) and the following Yukon Government (YG) departments: Environment (Water Resources and, Water Inspections Branch), Department of Health and Social Services, and Energy, Mines and Resources (Assessment and Abandoned Mines). Plans for community consultation are being finalized for January 2012. Subsequent discussions with the Water Inspections Branch have indicated that the AMP

has been reviewed by the Water Inspector and Yukon Water Board, and that based on the preliminary data and the AMP triggers, it is a high priority to establish water treatment plans for the existing Onek 400 adit drainage. At this time, AEG is following the direction of the Water Inspections Branch to develop water treatment approaches for the Onek 400 adit to eliminate to the extent possible the ongoing groundwater (and likely surface water) impacts in the Christal Creek watershed. This Preliminary Onek 400 Water Treatment Plan is being developed to enable effective further discussions with Canada, YG, the First Nation of Nacho Nyak Dun (NND) and community consultation prior to finalization of a treatment plan for this site.

2.0 Onek 400 Water Treatment Requirements

In planning for water treatment, an assessment of water chemistry and flow quantity must be performed.

2.1 *Adit Drainage Flow Quantity*

Due to the nature of the Onek mine, where an open pit provides direct recharge pathways through a shaft and open vein structures in the bottom of the open pit, widely variable flow rates from the mine have been observed. The Interralogic investigation determined infiltration into ground is occurring in the first 100 meters from the adit. Prior investigations in earlier seasons have shown that during conditions of frozen or partially frozen ground (early summer) that flow can continue near surface discontinuously as far as 1 km or further from the adit. Due to the collapsed adit structures, it is not possible to determine with certainty that some amount of infiltration is occurring prior to what is visible and measurable a few meters below the collapse area. However, based on what is observable, flow ranges from 0.5 L/s to over 5 L/s during freshet. During conditions related to late summer storms or sustained wet periods, flow over 2 L/s in late summer has been observed.

Conservative plans for the treatment plant are planned to be 4 L/s, as well as pretreatment storage in the mine adit level or in an equalization pond to be located upgradient of the treatment plant.

2.2 *Adit Drainage Water Chemistry*

Evaluation of recent (2009-present) water chemistry shows the following exceedences when compared with standards contained in WUL QZ06-074:

Table 1. Water quality constituents exceeding WUL QZ06-074 discharge standards.

Analyte	Mean Concentration (mg/L)	Standard Deviation (mg/L)	WUL QZ06-074 Effluent Quality Standards(mg/L)
Cadmium	1.67	1.92	0.05

Zinc	71.3	51.5	0.5
TSS	20.6	13	25

Onek adit is fairly extreme in the Keno Hills Silver District (KHSD), with concentrations of zinc similar to Galkeno 300 adit, and the highest cadmium concentration in the KHSD, approximately 5 times higher than the average at Galkeno 300, which is the second highest concentration of cadmium in the KHSD. Thus treatment requirements will focus on cadmium and zinc, with the recognition that suspended solids will also periodically require treatment.

Other metals are below discharge standards, but are also reviewed to determine the potential effects on reagent consumption in the treatment process. For purposes of this discussion, a lime treatment process is assumed, as it is the most extensively tested process and is the basis of water treatment at 5 other sites in the KHSD.

Water pH

The pH of the adit has only rarely been measured below pH 7, typically pH 7.5. Alkalinity averages 124 mg/L, indicating mildly buffered water chemistry. Thus lime requirements to raise the pH to over 9 to cause cadmium and zinc precipitation as metal hydroxides will not require consumption of free H^+ acidity.

Iron

Iron is an important constituent in that it aids the treatment process by sorbing and coprecipitating both cadmium and zinc, as well as other heavy metals. Iron is low in the dissolved fraction (0.01 mg/L) and present as a suspended solid (0.84 mg/L average). Thus the addition of iron as a coagulation aid and to coprecipitate metals during lime treatment is recommended.

Manganese

Manganese is present in unusually high concentrations in KHSD adit drainages, due to the presence of manganiferous siderite in the vein mineralization. For example, at Galkeno 300, similar concentrations of manganese and zinc occur, and at Galkeno 900, approximately 4 times higher manganese to zinc ratios are observed. However, in the Onek drainage, zinc exceeds manganese on average 9 times. In a water treatment process, manganese precipitation will, similar to iron, aid in the removal of heavy metals including cadmium and zinc. However, this beneficial effect that is observed at both Galkeno 300 and Galkeno 900 treatment plants is not expected at Onek.

Other Trace Metals

Arsenic (0.04 mg/L), copper (0.02 mg/L), lead (0.007 mg/L), and nickel (0.02 mg/L) average concentrations are present in the Onek drainage, but should only minimally affect reagent consumption, and are all already below the WUL QZ06-074 discharge standards.

3.0 Preliminary Proposed Onek 400 Treatment Process

The treatment process at Onek has some unique aspects that require special consideration compared to other sites in the KHSD.

3.1 *Lime Treatment Considerations*

As mentioned above, lime treatment has been used extensively in the KHSD and is considered the default process for active treatment in the KHSD due to its successful application at five other sites (Bellekeno 625, Galkeno 300, Galkeno 900, Silver King 100, and Valley Tailings seasonal treatment).

Lime treatment should be successful at Onek, with the following additions and caveats:

1. Due to the relatively low levels of iron and manganese in the mine drainage, substantially higher pH will have to be achieved to remove cadmium and zinc as primary metal hydroxides $Cd(OH)_2$ and $Zn(OH)_2$. Alternatively, ferric iron could be added to the treatment process to cause sufficient metals removal at pH levels that allow direct discharge without acidification of the treated water.
2. Iron addition will also benefit the clarification/settling process by enhancing floc formation.
3. Addition of a flocculent, as is done at the Bellekeno 625 and Galkeno 300 treatment sites, is also recommended due to the low initial levels of iron and manganese in the mine drainage.
4. Due to the very high initial concentrations of metals compared to discharge standards (33 times standard for cadmium, 151 times standard for zinc), the settling process should be enhanced by clarification or similar active separation steps.
5. The stability of the sludge produced by the treatment process is dependent on the excess lime present in the sludge, as well as secondary stable mineral formation as the sludge ages. Due to the very high initial concentrations of metals in the adit drainage, consideration of production of a dry sludge product and landfilling should be further investigated.

3.2 *Adit Preparation*

The Onek 400 adit is currently collapsed and has periodically had ice plugs form, water impound as a result, and with uncontrolled blowouts that have affected downgradient areas. Any treatment system will require adit preparation, which will involve water collection while still contained in competent rock, and steps to prevent ice plug formation in the adit. A weir to allow more accurate adit flow will also need to be established.

3.3 *Proposed Treatment System Components*

Appendix 1 shows a preliminary proposed treatment system process flow sheet, with several components shown as optional:

- Equalization pond (optional): Due to the highly variable flow rates observed in the Onek Adit, a conservatively sized treatment system is recommended at 4 L/s rated capacity. For the few times in the year where this rated capacity may be exceeded, such as during freshet or summer storm periods, addition of a equalization pond or adit storage system should be considered.
- Lime addition: A lime slurry storage tank and lime addition system are required to raise the pH to a level to precipitate cadmium and zinc as metal hydroxides.
- Iron addition (optional): An iron reagent storage tank and iron solution addition system will likely be required to achieve treatment standards.
- Flocculent addition (optional): A flocculent similar to what is used at Bellekeno 625 and Galkeno 300 will likely be required to achieve timely settling.
- Rapid mix tank: Contact of adit water with lime and settling aids iron and flocculent must be done in a mechanically mixed system, which will be done under active mixing in a small tank prior to the clarification/settling system.
- Clarification/Settling System: A clarifier unit similar to what is used at Galkeno 300 is recommended due to the high initial concentrations of metals in the adit drainage. An alternative that could be used but is not recommended would be a settling pond such as is used at Galkeno 900 or Silver King 100.
- Sludge Thickener (optional): Sludge from the initial clarification/settling process is likely to be low (0.5% to 2%) solids. A thickener will allow this sludge to be thickened prior to transport to a liquid storage site (such as is available at Valley Tailings) or prior to a sludge press which would produce a dry sludge cake.

- Filter Press (optional): A thickened sludge can be further dewatered to produce a dry filter cake which would be amenable to placement in a dry landfill or similar disposal approach.
- Post-Treatment Equalization Pond: Variability of treatment effectiveness can be observed in a system such as Onek that has highly variable influent chemistry. An equalization pond at the end of the treatment system allows for a more uniform treatment result, increasing compliance certainty.
- Discharge flow measurement: It is recommended that any system be built with an installed flow meter and data logger that allows for real-time and historical flow rate tracking.

4.0 Design Finalization

Additional discussion will be facilitated by ERDC with Canada, YG, NND, and Keno City regarding the treatment approach. A final treatment approach will result from that discussion, which will likely be the subject of a water licence amendment.

5.0 References

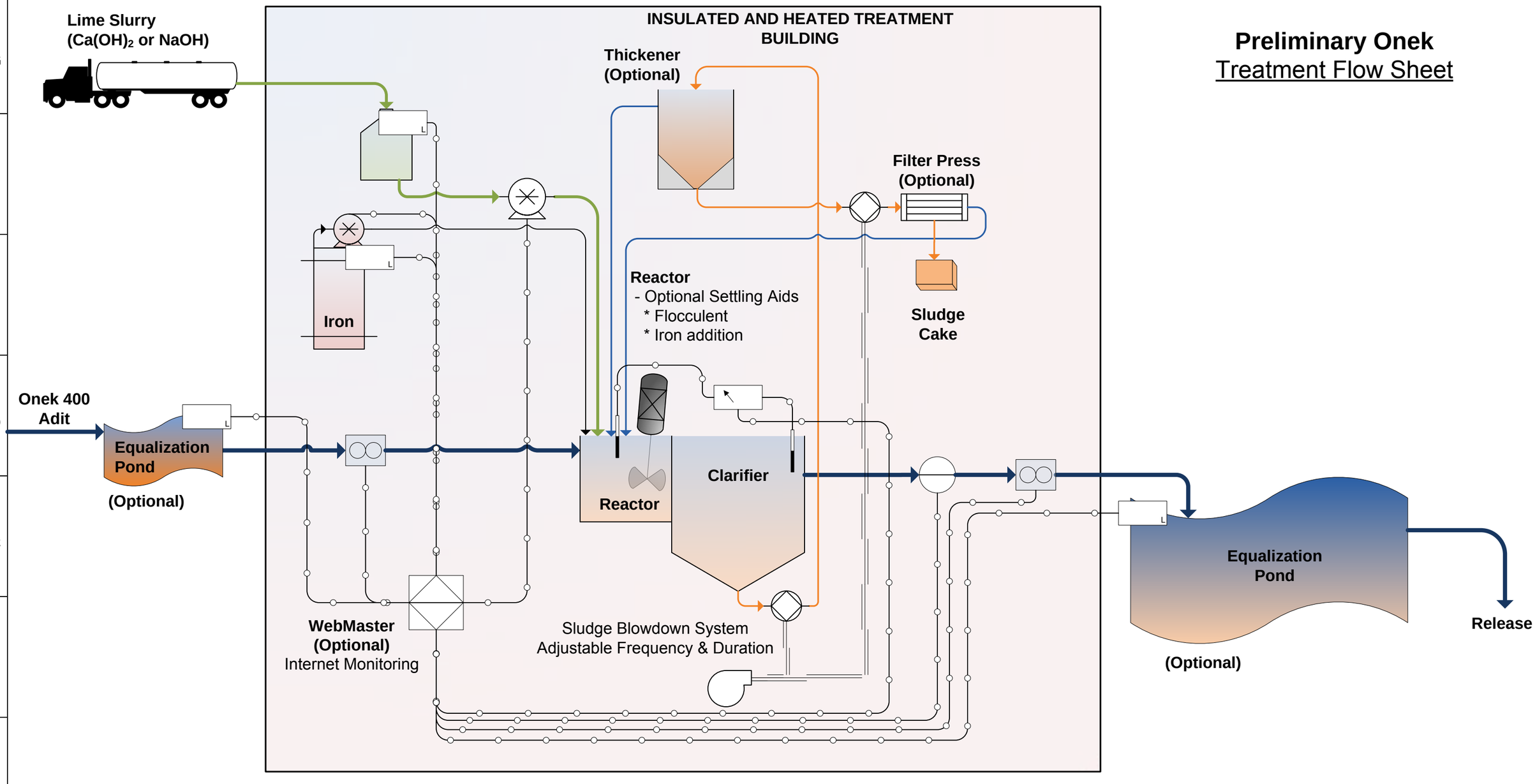
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REV.	SHEET	DATE	BY
A	3	12/7/11	EJL

Preliminary Onek
Treatment Flow Sheet



DESCRIPTION
PROCESS FLOW SHEET

REV.	SHEET	DATE	BY
A	4	12/7/11	EJL

PRIME MOVERS FOR MOTOR DRIVEN EQUIPMENT

- PUMP
- AGITATOR OR MIXER
- METERING PUMP
- AIR COMPRESSOR
- CENTRIFUGAL PUMP
- AIR DIAPHRAGM PUMP
- COMBO – VACUUM BREAK/ AIR RELEASE VALVE

INSTRUMENT LINE SYMBOLS

- DATA LINE
- 120V A/C 1-PHASE
- PNEUMATIC LINE
- 575V A/C 3-PHASE

PIPE LINE DESIGNATIONS

- = IRON ADDITION TUBE
- = 3" PIPE
- = LIME SLURRY
- = REGENERATIVE BRINE
- = SLUDGE LINE

SYMBOLS FOR VALVE ACTION IN THE EVENT OF ACTUATOR POWER FAILURE

FO — SYMBOL LOCATED BY VALVE – USED ONLY WHERE NECESSARY TO INCREASE UNDERSTANDING OF THE SYSTEM.

FO = FAIL OPEN

FC = FAIL CLOSED

INSTRUMENTATION

- LEVEL SENSOR/ FLOAT SWITCH (L)
- FLOW METER
- PROGRAMMABLE LOGIC CONTROLLER
- TURBIDIMETER

VALVE SYMBOLS

- GATE
- GLOBE
- BALL
- BUTTERFLY
- CHECK

ADDITIONAL COMPONENTS

- LIME SLURRY STORAGE TANK
- FILTER PRESS

DESCRIPTION

PIPING & INSTRUMENTATION LEGEND

Appendix O

Technical Memorandum

TO: **Access Consulting Group**

FROM: **Interralogic, Inc.**

DATE: **March 27, 2012**

SUBJECT: **Update: Keno City Groundwater Evaluation**

This memorandum describes a groundwater evaluation that was conducted in the Keno City area from October 2010 through March 2012. The activities performed for this evaluation are described below.

Test Trenches At Onek 400 Adit

On October 9, 2010, two observation trenches were excavated in the dry stream channel downstream of the Onek 400 portal. At times the channel has had surface water flow that can be traced back to the portal. Trenches 1 and 2 were located about 180 and 150 m, respectively, downstream (west) of portal (see Figure 1). The purpose of the trenches was to evaluate if discharge from the Onek 400 adit was migrating west within the shallow stream alluvium, as there was no observed surface water flow in the channel at the trench locations. On the day of trenching, the adit discharge was about 1 L/s and free water extended from the portal to a location about 80 m downstream where it was assumed to infiltrate below an ice surface.

The trenches were excavated using a Case model 325 excavator. The trenches extended across the apparent stream channel and had depths of about 2 to 2.5 meters. The following observations were made in each trench.

Trench 1 *(further west):* The geology consisted of an upper 0.3 m layer of cobbles and boulders (active stream channel) underlain by silty sand with gravel, cobbles, and some boulders. The soil contained 25 to 35 percent fines. At some locations in the trench, the soil might be classified as sandy silt. The soils were moist, but nowhere wet. No permafrost was observed. Thirty minutes after excavation, no free water was observed on the trench walls, and no water accumulated in the trench bottom.

Trench 2 *(further east):* The geology consisted of an upper 0.3 meter layer of cobbles and boulders (active stream channel) underlain by a 0.25 m layer of wet coarse sand with gravel. Below the sand, and extending to the bottom of the trench, was clayey silt with cobbles and boulders. No permafrost was observed. Thirty minutes after excavation, no free water was observed on the trench walls, and no water accumulated in the trench bottom.

No water samples were taken from either trench due to the absence of free water.

The following GPS (easting/northing) coordinates were measured:

Midpoint of road above culvert	0485123	7087382
Trench 1	0485056	7087396
Trench 2	0485083	7087396

Keno City Water Wells

Keno City uses a water supply well completed in bedrock (Firehall Well) to provide drinking water for its residents (see location on Figure 1). The well provides good quality water, with no recent exceedances of Canada drinking water standards, except for manganese, which in December 2010 was just over the 50 ug/L limit. On an annual basis, a water sample is obtained from the pump discharge pipe and analyzed for organic and inorganic constituents. The well is not accessible for water levels due to the installed pump and piping.

During the week of 10 October 2010, Fred Marinelli conducted a reconnaissance of the townsite with resident Sonia Stange and identified four existing private water wells. Information on these wells is summarized in Table 1 and the locations are shown on Figure 1. One of the wells is sealed and abandoned, leaving three accessible wells. Note that the VanSut Well is identified as Well #3 in reports pertaining to the Bellekeno Mine.

On 26-27 Nov 2010, the VanSut and Café Wells were purged with an electric submersible pump to remove a minimum of three wellbore volumes and then sampled. On 8 December 2010, the Hotel well was bailed to remove three well volumes and sampled, the Firehall water supply well was sampled during routine pumping, and VanSut Well was bailed and re-sampled.

Using an electric probe, water levels were monitored during pumping and recovery of the VanSut and Café wells. The maximum pumping rates were 19.7 liters per minute (lpm) from the VanSut well and 1.0 liters lpm from the Café well. Water level hydrographs of the two pumping tests are shown on Figures 2 and 3, respectively. Recovery analyses indicate the following transmissivities of materials within the well completion intervals:

VanSut Well: $T = F / (2\pi) * SC = 0.875 * 1.68$ lpm/m $= 2.1$ m^2/day

Café Well: $T = F / (2\pi) * SC = 0.875 * 0.11$ lpm/m $= 0.14$ m^2/day

where SC is specific capacity measured during recovery (flow rate / drawdown) and the shape factor F is assigned a standard value of 5.5. Both wells are completed in fractured bedrock, with the VanSut well exhibiting moderate transmissivity and the Café well exhibiting relatively low transmissivity.

New Monitoring Wells

From 15 March to 22 April, 2011, five groundwater monitoring wells were installed in the Keno City Area. Completion information is summarized in Table 2 and the well locations are shown on Figure 1. The wells were drilled using the ODEX air-hammer method and completed with either 2- or 4-inch schedule 40 PVC pipe/screen depending on depth. Geologic logs, well-completion diagrams, and other information pertaining to the wells were compiled by EBA Consulting and their completion report is provided in Attachment A.

Onek Monitoring Well

While not funded as part of the closure program, an additional monitoring well was installed in the area of the historic Onek Mine to understand bedrock groundwater elevations east-southeast of the Onek 400 portal. An Alexco diamond corehole designated K-11-0337 was drilled in the Keno mine area during April 2011 (see Figure 1). After reaching at total depth of 76.2 m, the corehole was completed as a monitoring well with alternating sections of 3.05 m

screen and 6.10 m solid casing. All casing and screen were 2 inch schedule 40 PVC. EBA Consulting documented the well installation and their completion report is provided in Attachment B.

Groundwater Sampling

Between December 2010 and February 2012, groundwater samples were obtained from the existing Keno City water wells, the new (MW) monitoring wells, the Onek monitoring well. Note that well MW-4 was not sampled until February 2012 due to a stuck bailer that was removed just before the sampling event. The laboratory results for these sampling events are summarized in Table 4. Where highlighted in yellow, the table shows constituents that exceeded Canada drinking water standards. These exceedances are summarized in Table 5. The highlighted values on Table 5 indicate exceedences for cadmium and zinc, constituents that are interpreted to be associated with historical mining in the Keno area.

Groundwater Flow Evaluation

The Keno City area currently contains eight wells that can be used to measure groundwater elevations; Café well, VanSut well, Onek well, and monitoring wells MW-1A, 1B, 2, 3, 4. At various times during 2011 and winter 2012, depth-to-water measurements were made in these wells using an electric water level probe. Water-level elevation is computed by subtracting depth-to-water from the top-of-casing elevation. The resulting water level elevations are provided in Table 3.

On May 12 and 13, 2011 a complete round of water levels was taken in the Keno City water wells and monitoring wells. These data were combined with a single measurement in the Onek well taken on April 15, 2011. On Figure 14 these water levels have been used to develop a water level contour map of the Keno City area. It is assumed in this interpretation that Lightning Creek, a perennial stream, defines where the local water table intersects ground surface. Flow lines, solid and dashed, indicate the inferred groundwater flow directions. A similar map is presented on Figure 5 based on water levels measured during February 2012. While interpretive, the contour maps on Figures 4 and 5 indicate the following:

- There is a convergence of southwest and northward flowing groundwater below the central portion of Keno City.

- The groundwater below Keno City is conveyed northwest along a feature that appears to have higher permeability than adjacent geologic units. Evidence for this is (1) the interpretation that groundwater converges toward this feature, (2) the change in hydraulic head is relatively small between upgradient wells in Keno City and downgradient wells MW-1A, MW-1B, and MW-2, and (3) the relatively high initial yield of the Firehall well (57 to 96 lpm). The higher permeability feature could be associated with a buried glacial valley (overburden) and/or fracture zone (bedrock).

- Water level contours suggest that groundwater discharges to Lightning Creek east of Keno City. South of Keno City, there appears to be seepage loss from the stream that recharges the groundwater system below the townsite. The zone of high seepage loss from the stream could be associated with the southeast extension of the postulated higher permeability feature.

- At and downstream (west) of the Onek 400 portal, the groundwater flow direction is generally southwest towards the postulated higher permeability feature, but not towards any of the Keno City water wells.

Possible Groundwater Impacts and Migration

Outflow from the Onek 400 adit is known to have relatively high concentrations of zinc (29 to 194 mg/L) and cadmium (0.31 to 5.9 mg/L). These constituents are therefore used as circumstantial indicators of impacts associated with the Onek 400 discharge. Review of the data in Table 4 suggests the following:

- Some of the Onek 400 discharge is infiltrating to groundwater as indicated by relatively high zinc and cadmium in MW-3, which is located in overburden just west of the adit portal.

- Elevated concentrations of zinc and/or cadmium suggest that Onek 400 discharge may have affected groundwater at MW-1A/1B and MW-2.

- Wells located in the central portion of Keno City (southeast of MW-1A/1B) do not appear to be impacted.

Discharge from the Onek 400 adit has the potential to travel west as surface water. While it appears that some of the discharge infiltrates near the portal, it is possible that at certain times of the year impacted mine water could infiltrate from the channel west of the portal. With this in mind and considering wells with possible groundwater impacts, the dashed magenta arrows on Figure 1 show *possible* groundwater migration pathways that could be chemically related to the Onek 400 discharge.

Potential impact to groundwater at wells MW-1A/1B, MW-2, and MW-3 is consistent with groundwater flow directions and the possible migration pathways shown on Figures 4 and 5. The absence of impact within the central portion of Keno City is also consistent with the interpreted pathways. Onek 400 discharge has not impacted the Firehall well, the current Keno City water supply, and is unlikely to impact it in the future.

Possible Field Work for 2012

Water-level monitoring and groundwater sampling will continue on a quarterly basis during 2012. The associated laboratory results will be added to the current database shown on Table 4.

Consideration is being given to drilling additional monitoring wells during the 2012 field season. Possible locations for six new monitoring wells are shown on Figure 1. It is anticipated that three new wells will be installed north of the Silver Trail Highway during 2012 to investigate southwest flowing groundwater that could be associated with historical mining areas located northeast of Keno City. Three possible well locations are shown south of the Silver Trail Highway to investigate northwest flowing groundwater that may migrate toward Crystal Creek. The decision to install any or all of these wells will require mutual agreement between Alexco and participating Government agencies.

Table 1 Keno City Water Wells

Well Name	Owner(s)	Northing/ Easting (m)	Casing	Approx Ground Surface (gs) Elev. (m msl)	Well Depth (m bgs)	Yield (L/min)	Geologic Material in Completion Interval	Comments
VanSut (Well #3)	Sharen Vandemier Gordon Sutton	0485016 7086862	6-inch steel Open hole in bedrock	939	67.8	19.7	Bedrock	Pump and discharge pipe removed November 2010.
Hotel Well	Leo Martel	0485104 7086913	6-inch steel	945	32.9	n/a	Unknown	Wellhead in basement. Well is open. No pump. Approx 1 m of water in well. Likely perched groundwater.
Café Well	Mike Mancini	0485164 7087033	6-inch steel Open hole in bedrock	946	67.8	1.0	Bedrock	Pump and discharge pipe removed November 2010
Abandoned House Well	Unknown	0484882 7086851	6-inch steel	935	n/a	n/a	Unknown	No pump. Obstruction at 3.78 m below ground surface. No water. Cannot be sampled.
Firehall Well	Yukon Govt	0484993 7086979	8-inch steel to 36 m 6-inch steel to 57 m Open hole in bedrock to 93 m	936	93	57 to 96 (1987)	Bedrock (top of bedrock at 55.2 m bgs)	Used for municipal water supply. Cannot measure current water level due to installed pump. 1987 water level about 882 m msl.

Table 2 Keno City Monitoring Wells

Well ID	Easting/ Northing (m)	Casing/ Screen	Borehole Diameter (mm)	Approx Ground Surface (gs) Elev. (m msl)	Top of Sand Pack (m bgs)	Top of Screen (m bgs)	Bottom of Screen (m bgs)	Bottom of Sand Pack (m bgs)	Borehole Total Depth (m bgs)	Geologic Material within Completion Interval
MW-1A	08 V 0484923 7087116	2-in Sch 40 PVC	114 (4.50 in)	930	82.9	84.7	93.9	93.9	93.9	Bedrock
MW-1B	08 V 0484913 7087105	2-in Sch 40 PVC	114 (4.50 in)	930	48.8	50.3	59.4	59.4	59.4	Overburden
MW-2	08 V 0484517 7087547	4-in Sch 40 PVC	169 (6.65 in)	907	36.4	38.1	47.1	47.1	47.1	Overburden
MW-3	08 V 0485144 7087330	4-in Sch 40 PVC	169 (6.65 in)	958	6.7	8.2	17.4	17.4	17.4	Bedrock
MW-4	08 V 0485197 7086921	2-in Sch 40 PVC	114 (4.50 in)	943	56.4	57.9	67.1	67.1	67.1	Overburden
Onek	08 V 0485383 7087277	2-in Sch 40 PVC	91 (3.58 in)	998	15.24	17.07 (a)	74.98 (a)	76.20	76.20	Bedrock

(a) Alternating sections of 3 m screen and 6 m solid pipe

Table 3 Groundwater Level Measurements

Well	Date	MP Description	MP Elevation m msl	DTW m bmp	WLE m msl
MW-1a	12-May-11	Top of 2-inch PVC casing	930.88	53.20	877.7
	16-May-11	Top of 2-inch PVC casing	930.88	56.55	874.3
	05-Jul-11	Top of 2-inch PVC casing	930.88	50.08	880.8
	04-Oct-11	Top of 2-inch PVC casing	930.88	49.25	881.6
	09-Feb-12	Top of 2-inch PVC casing	930.88	50.24	880.6
MW-1b	12-May-11	Top of 2-inch PVC casing	930.61	53.14	877.5
	16-May-11	Top of 2-inch PVC casing	930.61	53.04	877.6
	05-Jul-11	Top of 2-inch PVC casing	930.61	50.68	879.9
	04-Oct-11	Top of 2-inch PVC casing	930.61	49.65	881.0
	09-Feb-12	Top of 2-inch PVC casing	930.61	51.68	878.9
MW-2	12-May-11	Top of 4-inch PVC casing	907.91	31.19	876.7
	16-May-11	Top of 4-inch PVC casing	907.91	31.17	876.7
	05-Jul-11	Top of 4-inch PVC casing	907.91	29.20	878.7
	27-Sep-11	Top of 4-inch PVC casing	907.91	27.65	880.3
	08-Feb-12	Top of 4-inch PVC casing	907.91	28.65	879.3
MW-3	12-May-11	Top of 4-inch PVC casing	958.78	9.65	949.1
	16-May-11	Top of 4-inch PVC casing	958.78	9.51	949.3
	05-Jul-11	Top of 4-inch PVC casing	958.78	9.95	948.8
	27-Sep-11	Top of 4-inch PVC casing	958.78	8.59	950.2
	07-Feb-12	Top of 4-inch PVC casing	958.78	10.34	948.4
MW-4	12-May-11	Top of 2-inch PVC casing	944.35	58.37	886.0
	16-May-11	Top of 2-inch PVC casing	944.35	58.35	886.0
	05-Jul-11	Top of 2-inch PVC casing	944.35	57.77	886.6
	15-Feb-12	Top of 2-inch PVC casing	944.35	58.35	886.0
VanSut (Well #3)	11-Feb-10	Ground surface	938.94	42.83	896.1
	26-Nov-10	Top of 6-inch steel casing	939.13	43.44	895.7
	12-May-11	Top of 6-inch steel casing	939.13	44.32	894.8
	12-May-11				894.8
Café well	25-Nov-10	Top of 6-inch steel casing	945.82	50.32	895.5
	13-May-11	Top of 6-inch steel casing	945.82	52.20	893.6
	14-Feb-12	Top of 6-inch steel casing	945.82	50.79	895.0
Onek	15-Apr-11	Top of 2-inch PVC casing	999.26	38.47	960.8
	21-Nov-11	Top of 2-inch PVC casing	999.26	37.25	962.0
	11-Feb-12	Top of 2-inch PVC casing	999.26	38.21	961.1
Hotel	10-Oct-10	Top of 6 inch steel casing	Not surveyed	31.71	n/a
	27-Nov-10	Top of 6 inch steel casing	Not surveyed	31.84	n/a

Used to construct water-level contour map on Figure 4

Used to construct water-level contour map on Figure 5

Table 4 Groundwater Quality

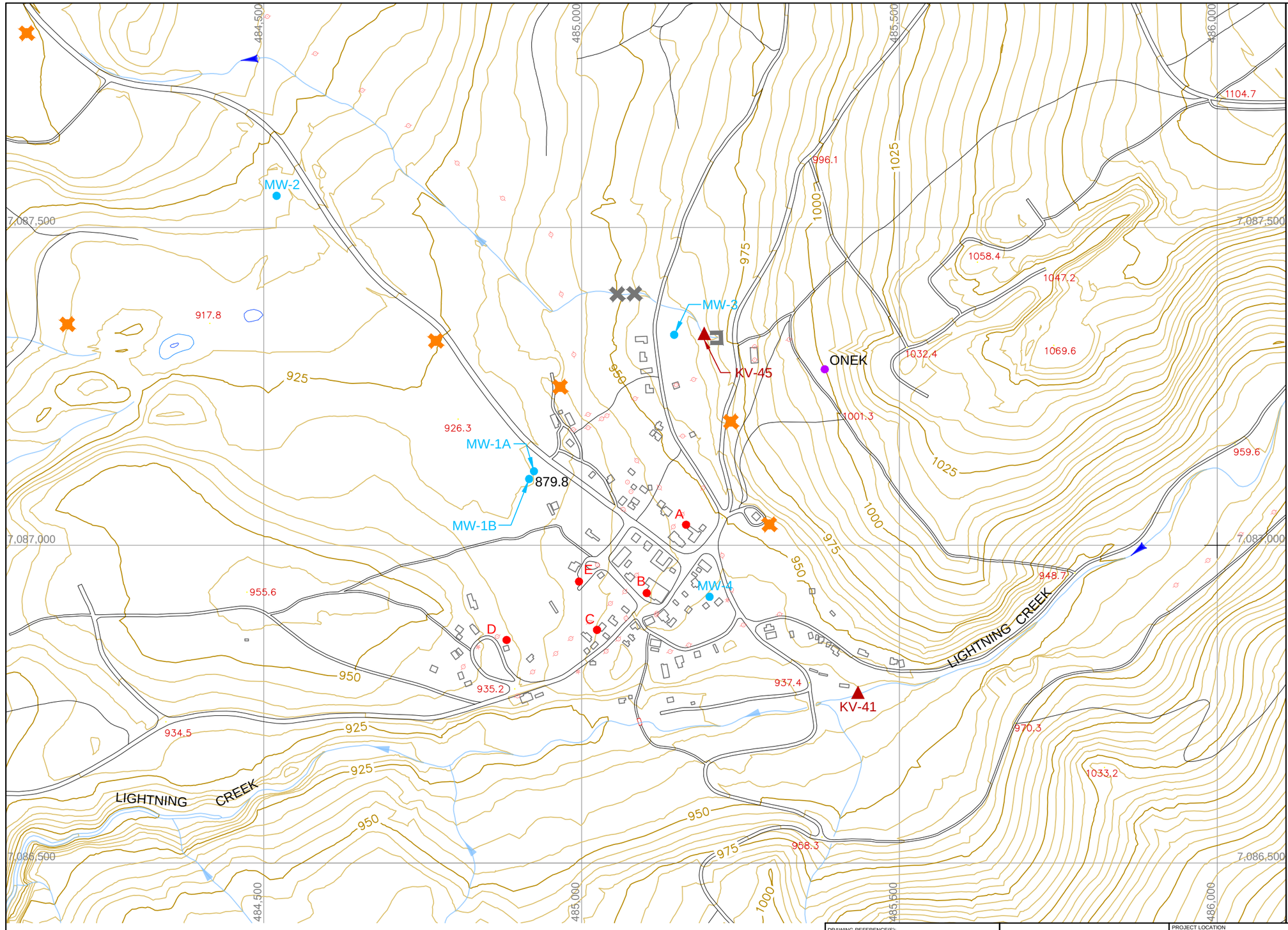
Analyte		Units	Canada Drinking Water Standard	Keno City Monitoring Wells (New)														Onek			Keno City Water Wells (Existing)				
				MW-1A (KV-84)			MW-1B			MW-2				MW-3				MW-4	MW-1			Hotel	VanSut		Café	Firehall
				16-May-11	4-Oct-11	13-Feb-12	16-May-11	4-Oct-11	9-Feb-12	16-May-11	27-Sep-11	21-Nov-11	9-Feb-12	16-May-11	27-Sep-11	21-Nov-11	7-Feb-12	19-Feb-12	21-Nov-11	19-Jan-12	11-Feb-12	8-Dec-10	26-Nov-10	8-Dec-10	26-Nov-10	8-Dec-10
Alkalinity (PP as CaCO3)	Dissolved	mg/L	-	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5		<0.5	<0.5		<0.5						
Alkalinity (Total as CaCO3)	Dissolved	mg/L	-	200	240	253	240	330	329	100	95		91.7	130	120		120	<0.5		307	348					
Bicarbonate (HCO3)	Dissolved	mg/L	-	250	300	309	300	400	401	130	120		112	160	150		146			375	424					
Calcium (Ca)	Dissolved	mg/L	-	319	347	362	379	403	417	84.3	65.8	58	80	105	159	142	143	319	363	308	409	32.6	69.8	44.2	145	103
Carbonate (CO3)	Dissolved	mg/L	-	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5		<0.5	<0.5		<0.5						
Chloride (Cl)	Dissolved	mg/L	250	1.9	2.8		3.1	3.9		1.3	1.3			0.8	2.4											
Fluoride (F)	Dissolved	mg/L	1.5	0.41			0.26			0.07				0.47												
Hardness (CaCO3)	Dissolved	mg/L	-	965	1040	1080	1170	1200	1270	283	216	192	268	311	474	428	426	1010	1070	889	1170	113	240	154	563	352
Hydroxide (OH)	Dissolved	mg/L	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5		<0.5	<0.5		<0.5	<0.5					
Magnesium (Mg)	Dissolved	mg/L	-	41.1	41.1	41.7	54.2	47.9	55.9	17.7	12.5	11.5	16.7	11.9	18.7	17.8	17	52.1	39.3	29.2	37.4	7.57	16.0	10.6	49.0	22.8
Potassium (K)	Dissolved	mg/L	-	0.75	1.31	0.8	0.72	0.83	1	0.4	0.34	0.25	0.29	0.42	0.7	0.6	0.49	0.69	0.71	0.95	0.7	0.61	0.28	0.22	0.42	0.34
Sodium (Na)	Dissolved	mg/L	-	1.98	3.46	1.8	2.26	2.39	2.8	1.53	1.39	1.21	1.37	1.5	1.5	1.4	1.28	2.58	1.86	2.43	1.8	1.50	2.02	1.75	2.21	2.29
Sulphur (S)	Dissolved	mg/L	-	275	267	269	310	282	289	63	42	38	60	83	159	128	122	297	263	249	242	15	30	20	112	62
Aluminum (Al)	Dissolved	mg/L	0.1	<0.003	0.01	0.003	<0.003	0.011	0.003	0.007	0.0164	0.0023	0.0015	0.003	0.007	0.014	0.0034	0.0012	0.0031	0.0019	0.005	0.0018	0.0013	0.0025	0.0014	0.002
Antimony (Sb)	Dissolved	mg/L	0.006	0.0096	<0.01	0.001	<0.0005	<0.01	<0.0001	<0.0005	0.00045		0.00008	<0.0005	0.0003		0.00051	<0.00002	0.00017	0.00026	<0.0001	0.00003	0.0001	0.00008	0.00006	0.00013
Arsenic (As)	Dissolved	mg/L	0.01	0.047	0.0538	0.109	0.0002	0.001	0.0004	0.0005	0.00077	0.00143	0.00075	0.0003	<0.0002	0.0007	0.00027	0.00073	0.00245	0.0021	0.0082	0.00008	0.00248	0.00169	0.00005	0.00263
Barium (Ba)	Dissolved	mg/L	1	0.006	0.015	0.0056	0.012	0.026	0.0181	0.104	0.0779	0.0888	0.0958	0.009	0.0178	0.0153	0.0118	0.0065	0.0245	0.0277	0.0268	0.0938	0.114	0.111	0.057	0.103
Beryllium (Be)	Dissolved	mg/L	-	<0.0001	<0.0001	<0.00005	<0.0001	<0.0001	<0.00005	<0.0001	<0.0001	<0.00001	<0.00001	<0.0001	<0.0001	<0.00005	0.00003	<0.00001	<0.00001	<0.00001	<0.00005	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Bismuth (Bi)	Dissolved	mg/L	-	<0.001	<0.001	<0.00003	<0.001	<0.001	<0.00003	<0.001	<0.00005	<0.000005	<0.000005	<0.001	<0.00005	<0.00003	0.000005	<0.000005	<0.000005	<0.000005	<0.00003	<0.000005	<0.000005	0.000006	<0.000005	<0.000005
Boron (B)	Dissolved	mg/L	5	<0.05	<0.05	<0.03	<0.05	<0.05	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.3	<0.05	<0.05	<0.050	<0.050	<0.03	<0.05	<0.05	<0.05	<0.05	<0.05
Cadmium (Cd)	Dissolved	mg/L	0.005	0.00121	0.001	<0.00003	0.00469	0.00551	0.00327	0.00016	0.00686	0.00057	0.000156	0.633	1.2	0.937	0.733	0.0016	0.000138	0.000021	<0.00003	0.000007	0.000314	0.000129	0.000155	0.00124
Chromium (Cr)	Dissolved	mg/L	0.05	<0.001	<0.001	<0.0005	<0.001	<0.001	0.0013	<0.001	0.0004	0.0002	0.0001	<0.001	<0.001	<0.0005	<0.0001	<0.0001	0.0002	0.0006	0.0009	0.0002	0.0005	0.0005	0.0003	0.0004
Cobalt (Co)	Dissolved	mg/L	-	0.0096	0.008	0.00617	0.0428	0.0719	0.0504	<0.0005	0.000155	0.000044	0.000028	0.0029	0.00242	0.00373	0.00236	0.000093	0.00546	0.00472	0.00123	0.000177	0.000017	0.000035	0.00013	0.00018
Copper (Cu)	Dissolved	mg/L		0.0013	0.0163	<0.0003	0.0004	0.004	0.0013	0.0008	0.00191	0.00085	0.00078	0.0034	0.003	0.0043	0.00408	0.00005	0.00007	0.00027	<0.0003	0.00018	0.00063	0.00046	0.00015	0.0209
Iron (Fe)	Dissolved	mg/L	0.3	1.27	1.6	4.98	0.012	0.023	0.045	<0.005	0.017	0.003	0.002	0.011	<0.01	<0.005	0.003	0.005	4.27	2.83	0.697	0.055	0.015	0.013	0.012	0.025
Lead (Pb)	Dissolved	mg/L	0.01	<0.0002	0.0019	<0.00003	0.0002	0.0018	0.001	<0.0002	0.00309	0.000982	0.000263	0.0003	0.00433	0.00177	0.000341	0.000081	0.000058	0.000131	<0.00003	0.00011	0.000182	0.000478	0.000115	0.000493
Lithium (Li)	Dissolved	mg/L	-	0.023	0.025	0.029	0.028	0.03	0.032	<0.005	0.0022	0.0037	0.0057	0.014	0.022	0.018	0.0171	0.0316	0.028	0.0224	0.027	0.0011	0.0017	0.001	0.0118	0.0045
Manganese (Mn)	Dissolved	mg/L	0.05	2	2.07	1.88	5.13	6.38	5.29	0.036	0.0392	0.00956	0.00067	0.011	0.0105	0.0267	0.00693	0.707	1.54	1.51	1.42	0.226	0.00078	0.00195	0.0306	0.0554
Mercury (Hg)	Dissolved	mg/L	0.001	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00001	<0.00001	<0.00001	<0.00005	<0.0001	<0.00005	<0.00001	<0.00001	<0.00002	<0.00001	<0.00005					
Molybdenum (Mo)	Dissolved	mg/L	0.25	0.002	0.002	0.0012	<0.001	<0.001	<0.0003	<0.001	0.00051	0.00014	0.00015	<0.001	<0.0005	0.0004	0.00101	0.00008	0.00354	0.00523	<0.0003	0.00021	0.00017	0.0002	0.00008	0.00023
Nickel (Ni)	Dissolved	mg/L	-	0.04	0.033	0.0223	0.035	0.042	0.0396	0.002	0.00248	0.00085	0.00111	0.027	0.0358	0.0312	0.0303	0.00964	0.00728	0.00741	0.0033	0.00083	0.00049	0.00044	0.00164	0.0188
Selenium (Se)	Dissolved	mg/L	0.01	0.0037	0.0041	<0.0002	<0.0001	<0.0005	<0.0002	0.0017	0.00148	0.00124	0.00124	0.0005	0.0005	0.0004	0.00068	0.00018	0.00005	0.00022	<0.0002	0.00063	0.00267	0.0023	0.0139	0.00201
Silicon (Si)	Dissolved	mg/L	-	4.69	4.8	4.7	7.44	7	7.1	3.64	3.4	3	3.5	4.22	5	4	4	6.6	7.7	7.2	7	1.27	3.38	3.03	4.5	3.85
Silver (Ag)	Dissolved	mg/L	-	<0.00002	<0.00002	<0.00003	<0.00002	<0.00002	<0.00003	<0.00002	0.000007	<0.000005	<0.000005	0.00004	0.00006	<0.00003	0.000023	<0.000005	<0.000005	<0.000005	<0.00003	<0.000005	<0.000005	0.000006	<0.000005	<0.000005
Strontium (Sr)	Dissolved	mg/L	-	0.676	0.675	0.681	0.701	0.718	0.696	0.187	0.132	0.128	0.163	0.14	0.218	0.194	0.183	0.615	0.772	0.645	0.751	0.108	0.185	0.131	0.347	0.257
Thallium (Tl)	Dissolved	mg/L	-	<0.00005	<0.00005	<0.00001	<0.00005	<0.00005	<0.00001	<0.00005	0.000004	<0.000002	<0.000002	<0.00005	<0.00002	0.00001	0.000012	0.000003			<0.00001	<0.000002	<0.000002	<0.000002	<0.000002	0.000009
Tin (Sn)	Dissolved	mg/L	-	<0.005	<0.005	<0.001	<0.005	<0.005	<0.001	<0.005	0.00031	0.00018	<0.0002	<0.005	<0.0001	0.00013	0.0007	<0.0002	0.0001	<0.0002	<0.001	0.00002	<0.00001	0.00001	<0.00001	0.00005
Titanium (Ti)	Dissolved	mg/L	-	<0.005	<0.005	<0.003	<0.005	<0.005	<0.003	<0.005	<0.0005	<0.0005	<0.0005	<0.005	<0.005	<0.003	0.0006	<0.0005	<0.0005	<0.0005	<0.003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Uranium (U)	Dissolved	mg/L	0.02	0.0115	0.011	0.0129	0.0206	0.0207	0.0213	0.004	0.00148	0.00256	0.00445	0.0005	0.00036	0.00103	0.000855	0.0252	0.0107	0.0089	0.00371	0.000117	0.00143	0.000564	0.00301	0.00934
Vanadium (V)	Dissolved	mg/L	-	<0.005	<0.005	<0.001	<0.005	<0.005	<0.001	<0.005	<0.0002	<0.0002	<0.0002	<0.005	<0.002	<0.001	0.0005	<0.0002	<0.0002	<0.0002	<0.001	0.0003	<0.0002	0.0003	<0.0002	0.0002
Zinc (Zn)	Dissolved	mg/L	5	0.823	0.657	0.8	0.171	0.222	0.211	0.013	0.289	0.0287	0.0124	41.8	71.4	52.4	39.8	0.0461	0.0159	0.0107	0.0006	0.0022	0.0198	0.0364	0.0728	0.14
Zirconium (Zr)	Dissolved	mg/L	-	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0005	<0.0001	<0.0001	0.0002	0.0004	0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Ammonia (N)	Dissolved	mg/L	-	0.029			0.046			0.01				0.011						0.046		0.24	0.022	0.14	0.022	0.15
Conductivity		µS/cm	-	1600	1560	1650	1800	1820	1840	551	433	402	507	641	1010	933		1610	854	1690	1730	236	465	295	949	648
Filter and HNO3 Preservation		N/A	-	FIELD	FIELD		FIELD	FIELD	FIELD	FIELD	FIELD	FIELD	FIELD	FIELD	FIELD	FIELD		FIELD	FIELD	FIELD		FIELD	FIELD	FIELD	FIELD	FIELD
Nitrate (N)	Dissolved	mg/L	45	<0.02	<0.2		<0.02	<0.2		0.34	0.28			0.12	0.16											
Nitrate plus Nitrite (N)	Dissolved	mg/L	48.2	<0.02	<0.2		<0.02	<0.2		0.34	0.28			0.12	0.16											
Nitrite (N)	Dissolved	mg/L	3.2	<0.005	<0.05		<0.005	<0.05		<0.005	<0.005			<0.005	<0.005											
Nitrogen (N)	Dissolved	mg/L																				0.7	1.70	2.25	1.87	1.34
Organic Carbon (C)	Total	mg/L	-	1.8	8.5		<0.5	1		1.9	9			2.2	0.6							1.2	0.9	<0.5	3.7	<0.5
Organic Carbon (C)	Dissolved	mg/L	-	0.8	5	<0.5	1.2	1.8		1.5	1.1			2.5	0.9					2.08		0.6	0.8	<0.5	3.9	<0.5
Orthophosphate (P)	Dissolved	mg/L	-	<0.005	<0.005		<0.005	<0.005		<0.005	0.008			<0.005	<0.005											
Phosphorous (P)	Dissolved	mg/L	-			<0.01			0.01				0.007				<0.002	0.025				0.038	0.006	0.010	0.008	0.005
pH (lab)		pH Units	6.5-8.5	7.94	8.05		7.88	7.81	7.95	8.14	7.8	7.76	7.93	7.74	7.45	7.45	7.52	7.51	7.87	7.63	7.98	7.53	7.90	7.31	7.62	7.70
Sulphate (SO4)	Dissolved	mg/L	500	760	721		870	847	806	170	124	117	167	210	428	374	316	726	764	751	714					180
Total Dissolved Solids	Dissolved	mg/L	500	1400	1300		1600	1500		370	290			500	860							120	270	160	660	410
Total Suspended Solids	Suspended	mg/L	-	29	74		<4	57	15.7	260	130	11.1	<1.0	11	16	15	2.8	35.4	126	88.8	44.1	92	20	120	11	<1

Table 5 Exceedences of Canada Drinking Water Standards in Groundwater

Constituent	Canada Drinking Water Standard mg/L	MW-1A	MW-1B	MW-2	MW-3	MW-4	Onek	Hotel	VanSut	Cafe	Firehall
Antimony	0.006	X									
Arsenic	0.01	X									
Cadmium	0.005		X	X	X						
Iron	0.3 (a)	X					X				
Manganese	0.05	X	X			X	X	X			X
Uranium	0.02		X			X					
Zinc	5				X						
Sulphate	500 (a)	X	X			X	X				
Total Dissolved Solids	500 (a)	X	X		X					X	

(a) Aesthetic standard (not related to health-risk)

Constituent interpreted to be related to historical mining



LEGEND:

- KENO CITY WATER WELL
  - A – CAFE WELL
  - B – HOTEL WELL
  - C – VANSUT WELL
  - D – ABANDONED WELL
  - E – FIREHALL WELL
- MW-3 MONITORING WELL INSTALLED 2011
- TRENCH
- ONEK 400 ADIT PORTAL
- SURFACE WATER SAMPLING STATION
- ONEK MONITORING WELL
- POSSIBLE 2012 MONITORING WELLS

N

120 0 120

(meters)

1 cm = 60 m

DRAWING REFERENCE(S):

DRAWING NAME: FIGURE 1

DATUM: NAD 83

PROJECT LOCATION: KENO CITY, YUKON, CANADA

PROJECT: KENO

TITLE: SITE MAP

INTERRA
4715 Innovation Drive, Suite 110
Fort Collins, Co 80525
970.225.8222

PROJECT NO: 102002

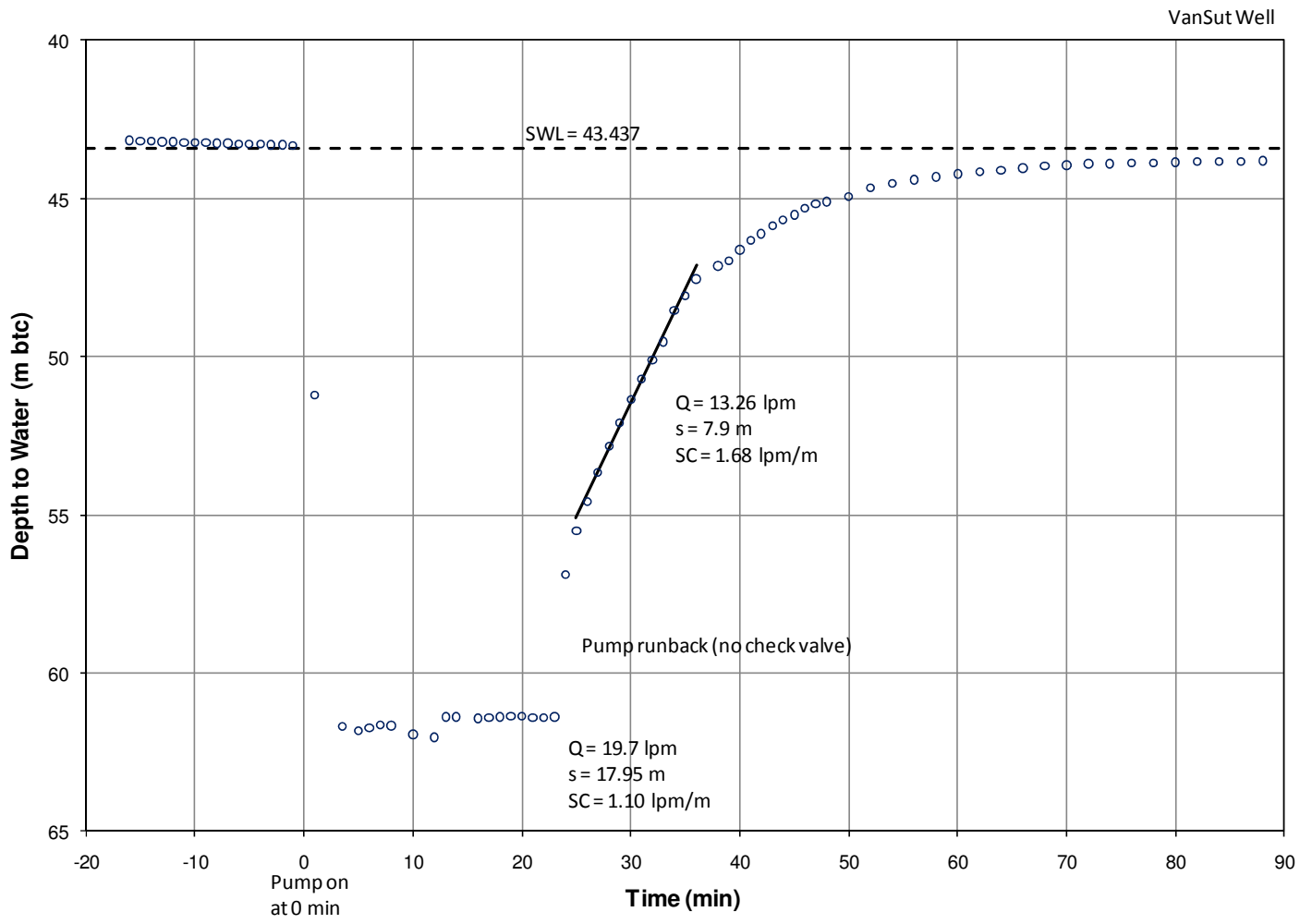
REVISION: 1

SCALE: 1 cm = 60 m

DRAWING NAME: FIGURE 1

SHEET NUMBER:

DRAWING FILENAME: X:\Projects\102002 – Kenny Dam\Admin\Drawdown Contours\Figures [3-22-2012]\FIGURE 1.dwg LAYOUT NAME: FIGURE 1 DATE: Mar 22, 2012 – 8:33pm CAD OPERATOR: mellen
LIST OF XREFS: [External gis--base--data FIGURE]



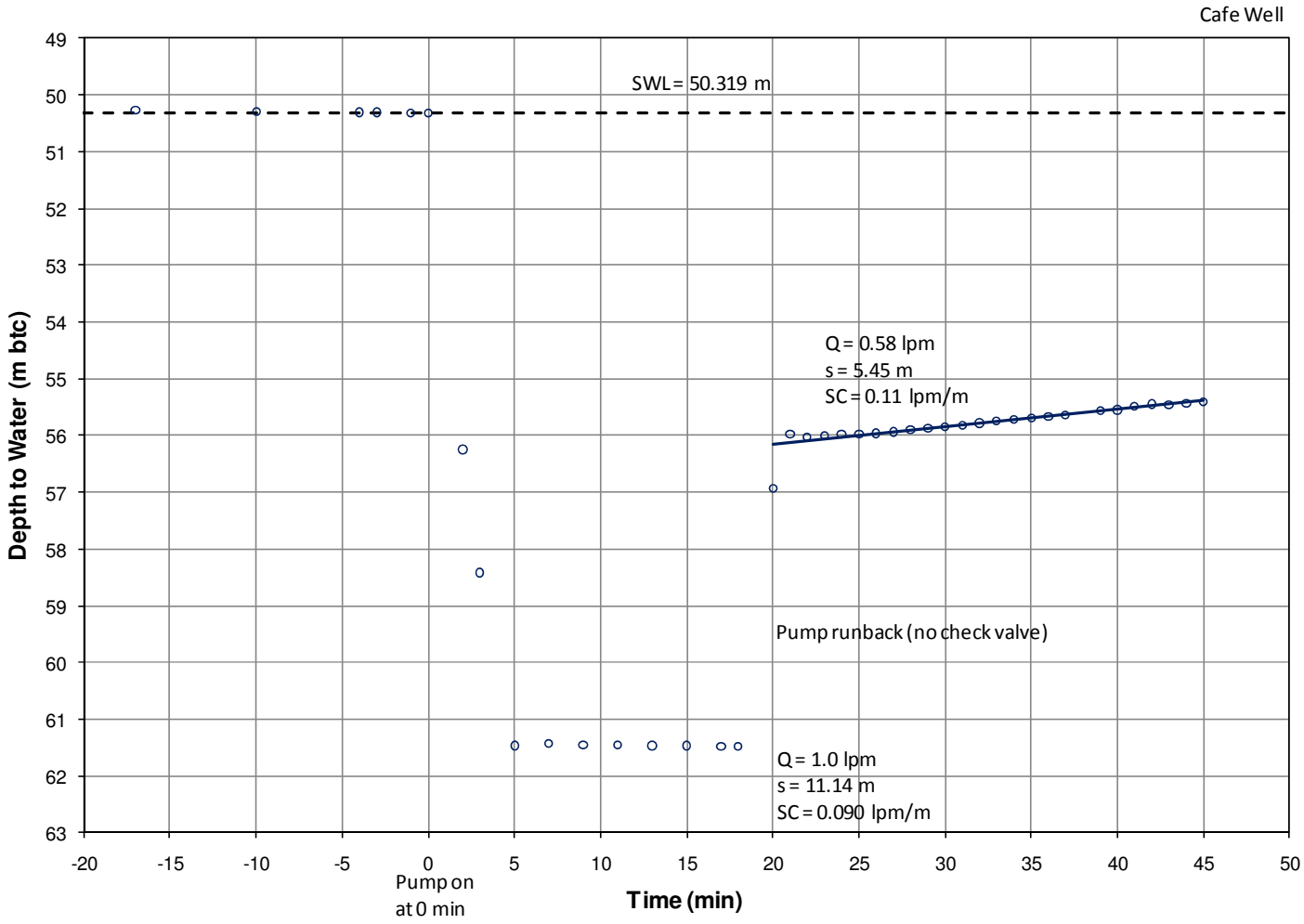
PROJECT NO.: 102003

INTERRAlogic
4715 Innovation Drive, Suite 110
Fort Collins, CO 80525
970.225.8222

Figure 2
VanSut Well Test

PREPARED FOR:

Access Consulting Group



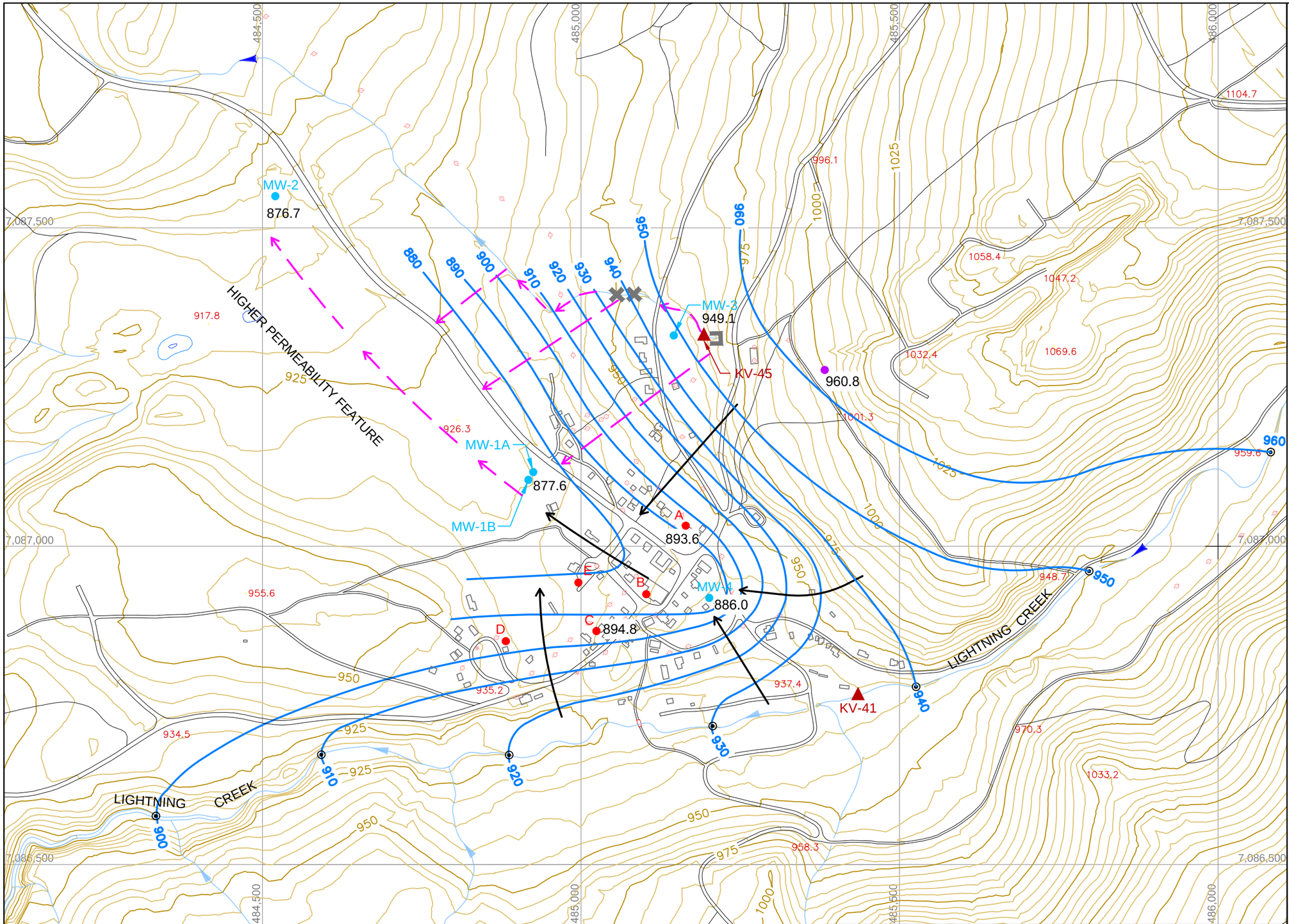
PROJECT NO.: 102003

INTERRA logic
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Fort Collins, CO 80525
970.225.8222

Figure 3
Café Well Test

PREPARED FOR:

Access Consulting Group



LEGEND:

- KENO CITY WATER WELL
  - A – CAFE WELL
  - B – HOTEL WELL
  - C – VANSUT WELL
  - D – ABANDONED WELL
  - E – FIREHALL WELL
- MW-3 — MONITORING WELL INSTALLED 2011
- TRENCH
- ONEK 400 ADIT PORTAL
- 893.6 — WATER LEVEL ELEVATION MEASURED IN WELL (m MSL)
- 920 — PERENNIAL STREAM WATER LEVEL ELEVATION (m MSL)
- 890 — WATER ELEVATION CONTOUR (m MSL)
- GROUNDWATER FLOW DIRECTION
- POSSIBLE MIGRATION PATHWAY FROM ONEK ADIT
- 960.8 ONEK MONITORING WELL
- SURFACE WATER SAMPLING STATION

N

120 0 120

(meters)
1 cm = 60 m

DRAWING REFERENCE(S):

DRAWING NAME:

DATUM: NAD 83

PROJECT LOCATION
KENO CITY, YUKON, CANADA

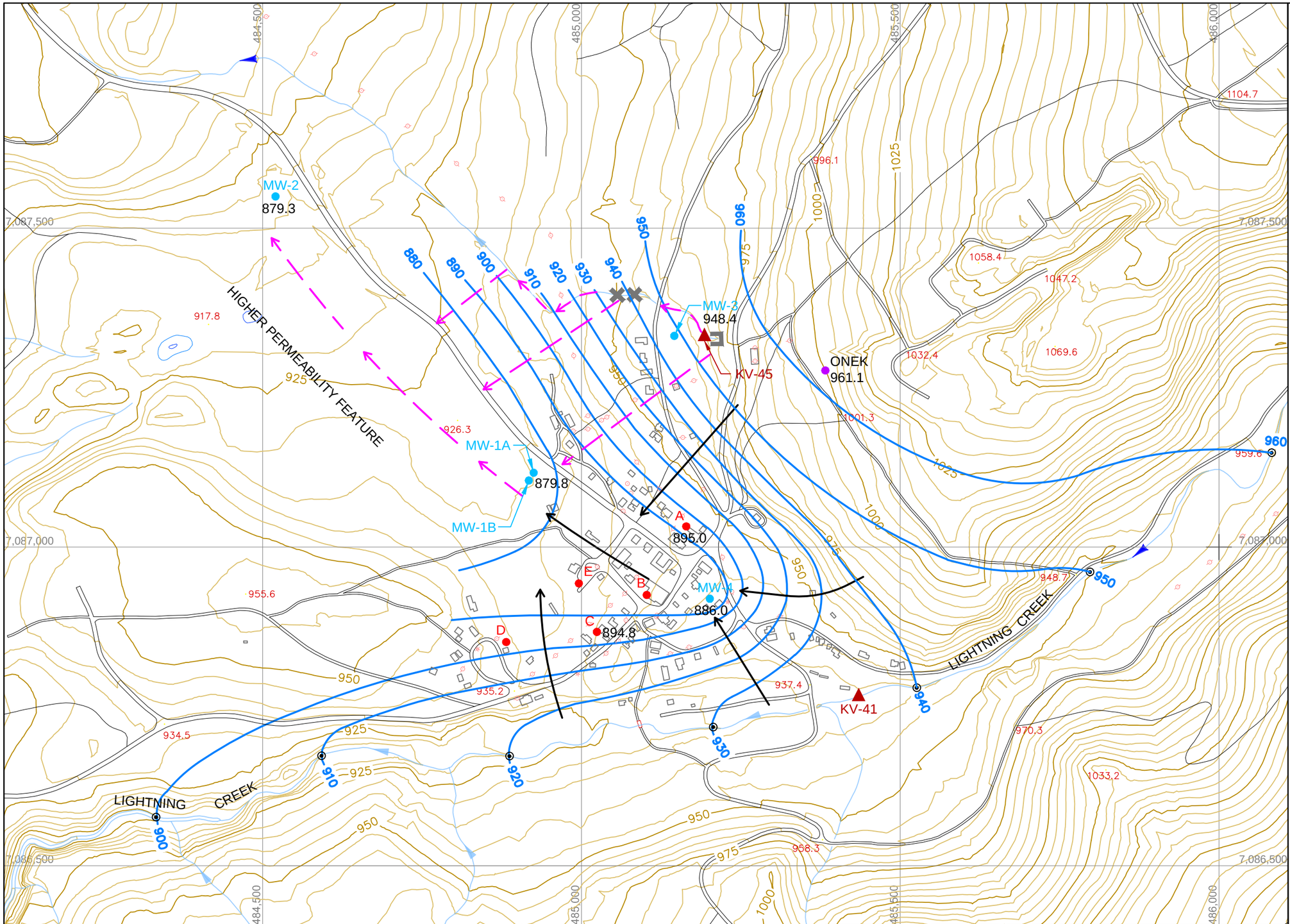
PROJECT
KENO

TITLE
MAY 2011
WATER-LEVEL CONTOUR MAP

INTERRA
4715 Innovation Drive, Suite 110
Fort Collins, Co 80525
970.225.8222

PROJECT NO: 102002
REVISION: 1
SCALE: 1 cm = 60 m
DRAWING NAME: FIGURE 4
SHEET NUMBER

DRAWING PLOTTED: by VYukon\U0000 on - Hon\Yukon Data\Admin\Groundwater Contours\Figure 4 - 2011 - May 25, 2012 - 10:19pm.DWG OPERATOR: mellen
LAST SAVED: [Unmodified—date missing]



LEGEND:

- KENO CITY WATER WELL
  - A – CAFE WELL
  - B – HOTEL WELL
  - C – VANSUT WELL
  - D – ABANDONED WELL
  - E – FIREHALL WELL
- MW-3 — MONITORING WELL INSTALLED 2011
- TRENCH
- ONEK 400 ADIT PORTAL
- 893.6 — WATER LEVEL ELEVATION MEASURED IN WELL (m MSL)
- 920 — PERENNIAL STREAM WATER LEVEL ELEVATION (m MSL)
- 890 — WATER ELEVATION CONTOUR (m MSL)
- GROUNDWATER FLOW DIRECTION
- POSSIBLE MIGRATION PATHWAY FROM ONEK ADIT
- 961.1 ONEK MONITORING WELL
- SURFACE WATER SAMPLING STATION

WATER ELEVATION CONTOURS BASED ON FEBRUARY 2012 MEASUREMENTS FOR ALL WELLS EXCEPT VANSUT (C), WHICH WAS LAST MEASURED MAY 2011.

120 0 120

(meters)

1 cm = 60 m

DRAWING REFERENCE(S):

DRAWING NAME: FIGURE 5

DATUM: NAD 83

PROJECT LOCATION: KENO CITY, YUKON, CANADA

PROJECT: KENO

TITLE: FEBRUARY 2012 WATER-LEVEL CONTOUR MAP

INTERRA
4715 Innovation Drive, Suite 110
Fort Collins, Co 80525
970.225.8222

PROJECT NO: 102002

REVISION: 1

SCALE: 1 cm = 60 m

DRAWING NAME: FIGURE 5

SHEET NUMBER:

Attachment A

Drilling and Completion Report for Keno City Monitoring Wells (MW series)

A TETRA TECH COMPANY

July 6, 2011

ISSUED FOR USE
EBA FILE: W23101422
Via Email: eallen@accessconsulting.com

Access Consulting Group
#3 Calcite Business Centre
151 Industrial Road
Whitehorse, Yukon Y1A 2V3

Confidential

Attention: Mr. Ethan Allen, M.Sc.

Subject: Consulting Services for the Installation of Monitoring Wells in the Keno City Area, Yukon

1.0 INTRODUCTION

1.1 Background

EBA, A Tetra Tech Company (EBA), was engaged by Access Consulting Group (Access) to provide hydrogeological consulting services during the installation of five (5) groundwater monitoring wells in the Keno City area, Yukon. The work was performed in accordance with the scope of work set out in our proposal (Doc Ref PW23100003_Alexco_MWs) dated February 8, 2010 and accepted by Access on March 8, 2011.

1.2 Purpose

The purpose of EBA's work was to provide onsite co-ordination during the drilling and installation of five groundwater monitoring wells in the Keno City area.

1.3 Scope and Sequence of Work

The scope of work included:

- co-ordinate the drilling, installation and construction of five groundwater monitoring wells;
- co-ordinate the development of the five groundwater monitoring wells;
- Onsite testing of the five groundwater monitoring wells for field parameters (pH, EC, temperature)

The work was undertaken with regard to the workplan provided to EBA by Access and additional directions provided by Access and InTerraLogic, Inc (InTerraLogic) during the drilling program.

Table 1-1 summarises the tasks and sequence of events to arrive at this report.

EBA, A Tetra Tech Company
Calcite Business Centre, Unit 6, 151 Industrial Road
Whitehorse, YT Y1A 2V3 CANADA
p. 867.668.3068 f. 867.668.4349

Table 1-1: Sequence of Events

Date	Activity
March 8, 2011	EBA formally appointed by Access Consulting Group to undertake the work
March 10, 2011	Project kick off meeting at Access Consulting, Whitehorse
15 March – 22 April 2011	Well drilling, installation and development program conducted
6 July 2011	Report Issued

2.0 METHOD

2.1 Groundwater Monitoring Well Installation

Wells were sited, named, drilled and installed in accordance with the work plan titled Keno City Groundwater Investigation (ERDC, September 2010) and verbal and email communication during the drilling program with Ethan Allen (Access), Scott Davidson (Access) and Fred Marinelli (InTerraLogic).

EBA was directed to install wells in general compliance with the depths and construction details outlined in the workplan. Note that EBA was directed to drill all boreholes to the top of bedrock prior to installing monitoring wells.

Five groundwater monitoring wells (MW-1, MW-2, MW-3, MW-4 and MW-5) were drilled and installed by Kirk Shaw of Geotech Drilling in March and April 2011. The assigned well numbers were provided to EBA by Access. All wells were drilled with a Fraste Multidrill XL rig using an ODEX drilling technique.

The following products were used in the drilling and construction of the five wells:

- MATEX R.D.O. 302 ES Vegetable oil based rock drill oil (for lubricating the hammer)
- Enviro Cote joint compound (lubricant for drill rod threads)
- KOPR-KOTE joint compound (lubricant for drill rod threads)
- Target Products 10/20 Filter Sand, grain size 0.85 mm – 1.25mm (for filter pack)
- Enviroplug Grout (for well grouting)
- Holeplug 3/8 Coarse Grade Bentonite (for sealing the borehole)

Drilled bore diameters ranged from 114 mm to 169 mm. Casing and factory-slotted screen, consisting of 50 mm and 100 mm PVC with threaded joints, were installed in the wells. A sand filter pack was installed from the base of each well to at least 1.5 m above the top of the screen and a bentonite seal was installed above the filter pack. Wells were grouted from the top of the bentonite seal to several meters below ground level, where a bentonite surface seal was placed to prevent ingress of surface water. Stick-up steel casing protectors with lockable caps were installed to limit access and potential damage to the wells. EBA did not lock the wells and it is recommended that the wells be locked to restrict access and potential damage/vandalism.

Well logs and construction diagrams are provided in Appendix B. Key bore details are presented in Table 2-1.

Table 2-1: Key Well Details

Well ID	Location (UTM NAD83, Zone 8)	Drilled Depth – bgl (m) / (ft)	Casing Diameter (mm) / (inch)	Screened Interval - bgl (m) / (ft)	Filter Pack Interval - bgl (m) / (ft)	Comments
MW-1	E 0484921 N 7087116	93.9 / 308'	50 / 2	84.7 – 93.9 / 278' – 308'	82.9 – 93.9 / 272' – 308'	▪ Monitoring well installed in bedrock. ▪ Borehole pre drilled and casing installed to 41.1 m bgl (135 ft) from previous drill program.
MW-2	E 0485205 N 7086914	74.1 / 243'	100 / 4	38.0 – 47.2 / 125' – 155'	36.4 – 47.2 / 119' – 155'	▪ Monitoring well installed in overburden. ▪ Borehole drilled to 74.1 m bgl. ▪ Bedrock encountered at approximately 72.5 m bgl. ▪ Borehole backfilled with grout from 74.1 – 47.2 m bgl.
MW-3	E 0485143 N 7087332	17.4 / 57'	100 / 4	8.2 – 17.4 / 27' – 57'	6.7 – 17.4 / 22' – 57'	▪ Monitoring well installed in bedrock.
MW-4	E 0485205 N 7086914	82.3 / 270'	50 / 2	57.9 – 67.1 / 190' – 220'	56.4 – 67.1 / 185' – 220'	▪ Monitoring well installed in overburden. ▪ Borehole drilled to 82.3 m bgl, bedrock not encountered
MW-5	E 0484917 N 7087105	59.4 / 195'	50 / 2	50.3 - 59.4 / 165' – 195'	48.8 – 59.4 / 160' – 195'	▪ Monitoring well installed in overburden.

The following points are noted in regards to the drilling and installation program:

- MW-1 had been pre-drilled to 41.1 m bgl by Geotech Drilling under the direction of InTerraLogic during the last drilling program in November 2010. Due to drill rig mechanical issues, the well was not completed during the 2010 program.
- MW-2 was drilled to 74.1 m bgl with bedrock inferred as being intercepted at 72.5 m bgl. The borehole was backfilled with grout to 47.2 m bgl and the monitoring well constructed above this elevation.
- MW-4 was drilled to 82.3 m bgl with bedrock not being encountered. Due to mechanical issues (drill bit spinning off the rods at 82.3 mbgl), the rods and casing were tripped out of borehole, resulting in the hole collapsing to 59.4 m bgl. Following consultation with Fred Marinelli (InTerraLogic) EBA was directed not to re-drill the hole in an attempt to intercept bedrock given the extra time associated with this option along with the driller only having 3 m more casing remaining than what had already been drilled. The collapsed hole was re-drilled from 59. 4 m bgl to 67.1 m bgl and the monitoring well installed.

2.2 Well Development

Of the five wells drilled and installed, only two wells (MW-2 and MW-3) could be developed during the drilling program. Monitoring wells MW-1, MW-4 and MW-5 were too deep to airlift using compressed air. At the direction of Access and InTerraLogic, EBA did not attempt to develop these wells using an alternative method.

Monitoring well MW-3 was developed on April 13, 2011 using an airlifting method. Development was undertaken using a surging technique with groundwater airlifted for a one minute period followed by the air being turned off for one minute. This was repeated for 20 min, with the air being turned off completely for 10 minutes after the 20 min lifting cycle. This process was repeated five times. Discharge water was noted to change from murky with particulates to being clear/slightly murky at the completion of the fifth airlift cycle.

Monitoring well #2 was developed by air lifting, with the PVC tube end placed near the top section of the screen (approximately 110 ft below ground) and lifted continuously for 1.5 hours. Two more 10 ft PVC pipe lengths were then added to develop the middle section of the screen and lifted for another 3 hours. Discharge water changed from cloudy and silty during the initial stages of development to cloudy with minor silt when development was ceased.

2.3 Well Gauging

Groundwater elevations recorded from each of the wells following drilling and installation are detailed in Table 2-2.

Note that the total depth recorded for MW-4 (60.36 m bgl) is quite different to the total depth of the well when it was installed (67.1 m bgl). The reason for this variation is unknown and should be investigated following confirmation of the reduction in depth.

Table 2-2: Groundwater Elevations (April 2011)

Well ID	SWL – bTOC (m / ft)	Total Well Depth – bTOC (m / ft)	GL to TOC (m / ft)
MW-1	52.55 / 172.41	93.88 / 308	0.38 / 1.25
MW-2	31.20 / 102.36	48.01 / 157.51	0.91 / 2.99
MW-3	12.03 / 39.47	17.66 / 57.94	0.76 / 2.49
MW-4	58.67 / 192.49	60.36 / 198.03	0.71 / 2.33
MW-5	53.21 / 174.57	59.68 / 195.80	0.60 / 1.97
SWL – Static water level TOC – Top of PVC casing b – below GL – Ground Level			

2.4 Field Water Quality Analysis

Grab samples were taken from each of the monitoring wells following installation and development (where applicable) and analysed in the field for pH, electrical conductivity and temperature. The results of this analysis are shown in Table 2-3.

Table 2-3: Field Analysis (April 2011)

Well ID	pH (units)	Electrical Conductivity (µS/cm)	Temperature (°C)	Other
MW-1	6.80	583	1.4	Clear, oily residue from DHH residue, peanut oil odor
MW-2	7.49	478	1.8	Cloudy, minor fine silt
MW-3	6.64	324	0.7	Clear, no odor
MW-4*	-	-	-	-
MW-5	6.72	684	1.1	Clear, no odor
*sample unable to be obtained due to bailer sticking to side wall of well				

3.0 RECOMMENDATIONS

The following recommendations are made by EBA to complete the monitoring well installation program:

- MW1, MW4 and MW5 are developed prior to groundwater sampling being undertaken.
- All well are padlocked and access to the wells restricted to those involved in the gauging and sampling of the wells.

4.0 LIMITATIONS OF REPORT

This report and its contents are intended for the sole use of Access Consulting Group and their agents. EBA, A Tetra Tech Company, does not accept any responsibility for the accuracy of any of the data, the analysis, or the recommendations contained or referenced in the report when the report is used or relied upon by any Party other than Access Consulting Group, or for any Project other than the proposed development at the subject site. Any such unauthorized use of this report is at the sole risk of the user. Use of this report is subject to the terms and conditions stated in EBA's Services Agreement. EBA's General Conditions are provided in Appendix A of this report.

5.0 CLOSURE

We trust this report meets your present requirements. Should you have any questions or comments, please contact the undersigned at your convenience.

Sincerely,
EBA, A Tetra Tech Company

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APPENDIX A

APPENDIX A EBA'S GENERAL CONDITIONS

GENERAL CONDITIONS

GEO-ENVIRONMENTAL REPORT

This report incorporates and is subject to these "General Conditions".

1.0 USE OF REPORT AND OWNERSHIP

This report pertains to a specific site, a specific development, and a specific scope of work. It is not applicable to any other sites, nor should it be relied upon for types of development other than those to which it refers. Any variation from the site or proposed development would necessitate a supplementary investigation and assessment.

This report and the assessments and recommendations contained in it are intended for the sole use of EBA's client. EBA does not accept any responsibility for the accuracy of any of the data, the analysis or the recommendations contained or referenced in the report when the report is used or relied upon by any party other than EBA's Client unless otherwise authorized in writing by EBA. Any unauthorized use of the report is at the sole risk of the user.

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Where EBA submits both electronic file and hard copy versions of reports, drawings and other project-related documents and deliverables (collectively termed EBA's instruments of professional service), only the signed and/or sealed versions shall be considered final and legally binding. The original signed and/or sealed version archived by EBA shall be deemed to be the original for the Project.

Both electronic file and hard copy versions of EBA's instruments of professional service shall not, under any circumstances, no matter who owns or uses them, be altered by any party except EBA. The Client warrants that EBA's instruments of professional service will be used only and exactly as submitted by EBA.

Electronic files submitted by EBA have been prepared and submitted using specific software and hardware systems. EBA makes no representation about the compatibility of these files with the Client's current or future software and hardware systems.

3.0 NOTIFICATION OF AUTHORITIES

In certain instances, the discovery of hazardous substances or conditions and materials may require that regulatory agencies and other persons be informed and the client agrees that notification to such bodies or persons as required may be done by EBA in its reasonably exercised discretion.

4.0 INFORMATION PROVIDED TO EBA BY OTHERS

During the performance of the work and the preparation of the report, EBA may rely on information provided by persons other than the Client. While EBA endeavours to verify the accuracy of such information when instructed to do so by the Client, EBA accepts no responsibility for the accuracy or the reliability of such information which may affect the report.

APPENDIX B

APPENDIX B WELL LOGS AND CONSTRUCTION DIAGRAMS

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-1
	7087116N; 484921E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
0	Borehole already drilled to 41.1 m (135 ft)				0
1					5
2					
3					10
4					
5					15
6					
7					20
8					
9					25
10					
11					30
12					
13					35
14					
15					40
16					
17					45
18					
19					50
20					
					55
					60
					65

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REVIEWED BY: SK	COMPLETE: 4/7/2011
DRAWING NO:	Page 1 of 5

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-1
	7087116N; 484921E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
20					
21					70
22					
23					75
24					
25					80
26					
27					85
28					
29					90
30					
31					95
32					
33					100
34					
35					105
36					
37					110
38					
39					115
40					
					120
					125
					130
					131

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LOGGED BY: AS	COMPLETION DEPTH: 93.9m
REVIEWED BY: SK	COMPLETE: 4/7/2011
DRAWING NO:	Page 2 of 5

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-1
	7087116N; 484921E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
40					
41	SAND and GRAVEL - occasional boulder and cobble, sub-angular to sub-rounded, well graded, damp		-DHH from 41.1 to 43.3 m (135-145 ft); hole caving, swapped to ODEX, reamed out DHH hole		135
42					
43					140
44					
45					145
46					
47					150
48					
49					155
50					
51					160
52					
53					165
54			- drilling noted to be hard by driller - cuttings dry - left open at 53.3 m (175 ft) for 10 min; water blown to surface when air turned on		170
55					4/6/2011
56	SAND - silty, some gravel, poorly graded, damp, brown				175
57	SAND - gravelly, well graded, sub to well rounded, damp, brown				180
58	SAND and GRAVEL - some silt, poorly graded, saturated, brown with orange and yellow mottling				185
59	SAND - some silt, some gravel, poorly graded, damp, brown				190
60					195
					197

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-1
	7087116N; 484921E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
60					
61					200
62	SAND and GRAVEL - poorly graded, saturated, brown with orange and yellow mottling - possible boulder or cobble, dry, hard				205
63	SAND and GRAVEL - well graded, damp, brown and grey				
64	SAND and GRAVEL - well graded, saturated, grey with minor orange and white		- saturated after air tuned off and rods and casing added		210
65					
66					215
67	SAND - some gravel, poorly graded, damp, brown and grey - saturated		- damp due to air pushing water back into aquifer		220
68	SAND - some silt, fine grained, damp, dark grey		- slow drilling; returns getting stuck between casing and rods		
69					225
70	SILT - saturated, dark grey				
71	- cuttings damp				230
72					
73			- water added to get returns to surface approx 1-2 GPM		235
74	SAND and GRAVEL and SILT - well graded, sub-rounded to rounded, grey with trace brown and orange				240
75					
76					245
77					
78					250
79					
80	GRAVEL - some sand, some silt, poorly graded, sub-angular, saturated, grey				255
					260
					262

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-1
	7087116N; 484921E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
80	gravel with trace sand, yellow and brown - decreasing yellow and brown sands, some larger rounded gravel returns		- drilling hard; ODEX not progressing, swapped to DHH		265
81	BEDROCK - fresh, saturated, dark grey, minor white and orange		- cuttings smaller and more smashed up - large solid cuttings, up to 6 cm x 5 cm x 1 cm		
82					270
83	- becomes dark grey, some white				
84					275
85	- becomes light grey, some yellow				
86					280
87					285
88	- becomes slightly weathered, dark grey, some yellow and orange				
89					290
90	- fresh, dark grey, some orange and white				295
91	- dark grey, some white, trace gold				
92					300
93					305
94	EOH @ 93.9 m (308 ft)				310
95	NOTES: - sufficient water and depth to meet well consturction requirements - target actually 92.4 m (303 ft), however driller drilled 1.5 m (5 ft) extra				
96					315
97					
98					320
99					325
100					328

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LOGGED BY: AS	COMPLETION DEPTH: 93.9m
REVIEWED BY: SK	COMPLETE: 4/7/2011
DRAWING NO:	Page 5 of 5

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-2
	7086914N; 485205E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Depth (ft)
0	SAND and GRAVEL - trace silt, medium to coarse grained sand, dry, greyish brown			0
1				
2				5
3	- possible boulder			10
4				
	SAND and GRAVEL - fine grained, moist, brown			15
5				
6				20
	SAND and GRAVEL - fine to medium grained sand, brown, moist			
7				25
8				
9				30
	SAND and GRAVEL - some silt, fine to medium grained sand, moist, brown			
10				35
11				
12	- moist to damp			40
13				
14				45
15	- damp			
16				50
17				55
	GRAVEL - some sand, fine grained gravel, subrounded, dry, grey, dusty			
18	GRAVEL - some sand, coarse grained gravel, some medium to coarse sand, subrounded, dry, grey, dusty			60
19				
20				65
21				69

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LOGGED BY: CM	COMPLETION DEPTH: 74.1m
REVIEWED BY: SK	COMPLETE: 4/21/2011
DRAWING NO:	Page 1 of 4

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-2
	7086914N; 485205E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
21					70
22	SAND and GRAVEL - moist to damp, brown				
23	SAND - some silt, fine grained sand, damp, brown				75
	SAND and GRAVEL - medium to coarse grained sand, fine gravel, moist, brown				
24	GRAVEL - some sand, fine to medium grained gravel, moist, brown				
25	GRAVEL - some sand, coarse grained gravel, medium to coarse sand, subrounded, dry, grey, dusty				80
26	GRAVEL - some sand, moist, brown				
	SAND - fine grained sand, moist, brown				85
27	- becomes wet				
	GRAVEL - some sand, fine grained gravel, medium to coarse grained sand, moist, brown				90
28					
29					95
30	SAND - fine to medium grained, damp, brown				100
31	GRAVEL - trace silt, medium to coarse grained gravel, damp, brown				
32					105
33					
34	SAND - medium to coarse grained sand, wet, brown				110
35					115
	SAND and GRAVEL - coarse grained sand, saturated, brown				
36					
37	GRAVEL - some sand and silt, medium to fine grained sand, brown				120
38					125
39	- increasing silt		- water added to assist returns to surface		
40	SAND and GRAVEL - trace silt, coarse grained sand with some medium grained sand, saturated, grey				130
41					135
42					138

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LOGGED BY: CM	COMPLETION DEPTH: 74.1m
REVIEWED BY: SK	COMPLETE: 4/21/2011
DRAWING NO:	Page 2 of 4

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-2
	7086914N; 485205E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
42					140
43					
44					145
45					
46					150
47					
48			- tripped out 6" rods, hole sloughed to approx. 47.2 m (155 ft)		155
49					
50					160
51					
52					165
53					
54					170
55					
56	CLAY - grey				175
57					
58					180
59					
60					185
61					
62					190
63					
					195
					200
					205
					210

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LOGGED BY: CM	COMPLETION DEPTH: 74.1m
REVIEWED BY: SK	COMPLETE: 4/21/2011
DRAWING NO:	Page 3 of 4

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-2
	7086914N; 485205E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
63					210
64					
65					215
66					
67					220
68					
69					225
70					
71					230
72					
73	BEDROCK		- drilling hard and slow		235
74					
75	EOH @ 74.1 m (243 ft) NOTES: - target reached (bedrock)				240
76					
77					245
78					
79					250
80					
81					255
82					
83					260
84					
					265
					270
					275
					276

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LOGGED BY: CM	COMPLETION DEPTH: 74.1m
REVIEWED BY: SK	COMPLETE: 4/21/2011
DRAWING NO:	Page 4 of 4

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-3
	7087332N; 485143E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
0	SAND and GRAVEL - moderately to well sorted, subangular to subrounded, dry, grey and brown				0
1	SAND - uniformly graded, fine grained sand, damp, brown				
	SAND and GRAVEL - poorly sorted, subrounded with some subangular and rounded inclusions, dry, greyey brown with some white and trace yellow				5
2					
	BEDROCK (Quartzite) - slightly weathered with fine sand evident on weathered surfaces, low strength, dry, grey, some brown and white, trace pyrite				10
3					
	BEDROCK (Quartzite) - fresh, low strength, dry, grey and white, trace brown		- drilling fast		15
4					
5	- becoming harder				20
6					
7					25
8					
9					30
10					
11	- trace water in returns after air turned off and rods added				35
12	4/12/2011				4/12/2011 40
13					
14	- cuttings moist				45
15					
16					50
17	- significant water after air turned off and rods added				55
	EOH @ 17.4 m (57.0 ft)				
18					60
	NOTES: sufficient water and depth to meet well construction requirements				
19					
20					65 66

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LOGGED BY: AS	COMPLETION DEPTH: 17.4m
REVIEWED BY: SK	COMPLETE: 4/13/2011
DRAWING NO:	Page 1 of 1

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-4
	7086914N; 485205E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
0	SAND and GRAVEL - moderately sorted, subangular to subrounded, dry, grey and brown				0
1					
2	SAND - fine grained, damp, brown				5
	SAND and GRAVEL - moderately sorted, fine to coarse grained sand, subangular to subrounded, dry, grey and brown				
3	- as above with occasional schist fragments and well rounded gravels				10
4	SAND - trace gravel,uniformly sorted, fine grained sand, dry, brown				
	SAND and GRAVEL - moderately sorted, fine to coarse grained sand, subangular to subrounded, dry, grey and brown				15
5					
6					20
7					
8					25
9	SAND and GRAVEL - poorly sorted, fine grained sand, some coarse grained sand, subangular to subrounded, dry, grey, brown and white				30
	SAND - fine grained, damp, brown				
10	SAND - uniformly graded, fine grained, moist to wet, brown/slightly grey				
11					35
12	SAND and GRAVEL - poorly sorted, fine grained sand with some coarse grained sand, subangular to subrounded, dry, grey, brown and white				
	SAND and GRAVEL - well sorted, coarse grained sand with some fine grained sand, subangular with occasional subrounded gravels, dry, grey, some white and brown				40
13					
14					45
15					
	SAND - some gravel, poorly sorted, gravel subrounded, dry, brown				50
16	SAND - uniformly sorted, fine grained, damp, brown				
17	SAND - uniformly sorted, fine grained, moist to wet, brown/slightly grey				55
18					
	SAND and GRAVEL - moderately sorted, fine to coarse grained, subangular to subrounded, dry, grey, some brown				60
19					
20					66

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LOGGED BY: AS	COMPLETION DEPTH: 82.3m
REVIEWED BY: SK	COMPLETE: 4/18/2011
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Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-4
	7086914N; 485205E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
20	SAND and GRAVEL - well sorted, coarse grained sand, some fine grained sand, subangular with some subrounded gravels, dry, grey, some white and brown				
21					70
22					
23					75
24					
25					80
26					
27	- trace schist present				85
28					
29					90
30	SAND - well sorted, fine and medium grained sand, dry, grey, brown and light brown				95
31	SAND and GRAVEL - well sorted, coarse grained sand, some fine to medium grained sand, fine grained gravel, rounded to subrounded, dry, grey, brown and white				100
32					
33	- as above with occasional schist fragments and well rounded gravels				105
	SILT - soft, moist to damp, brown		- water in returns after casing and rods added - not significant amount - driller started to inject water as cuttings not returning to surface		110
34					
35	- became dark grey in colour				115
36					
37			- no water in cuttings after rods and casing added		120
38					
					125
39	SILTY GRAVEL - some sand, moderately sorted, generally subrounded, moist to damp, grey, brown and orange				
	SAND and GRAVEL - trace silt, well graded, fine to coarse grained sand, fine grained gravel, subrounded, moist, grey, brown and orange				130
40					131

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LOGGED BY: AS	COMPLETION DEPTH: 82.3m
REVIEWED BY: SK	COMPLETE: 4/18/2011
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Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-4
	7086914N; 485205E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
40	- becoming drier, less silt				
41	SAND and GRAVEL - well graded, fine to coarse grained sand, fine grained gravel, subrounded, dry, grey with some orange and white				135
42	GRAVEL - some sand, moderately to well graded, fine grained gravel, subrounded, dry, grey with trace white				
43	SAND - well graded, fine to medium grained sand, subrounded, dry, grey, brown, orange and white				140
44	GRAVEL and SAND - moderately graded, fine grained gravel and fine grained sand, subrounded, damp, brown, grey, orange and white - dry				145
45					
46					150
47	- boulder/cobble to around 46.5 m				155
48					
49					160
50					
51					165
52					170
53					
54					175
55					180
56					
57	- boulder/cobble to around 56.7 m				185
58					190
59	SAND - some gravel, well graded, fine to coarse grained sand, fine grained gravel, subangular to subrounded, damp, grey, orange and white				
60	- saturated				195

4/17/2011

4/17/2011

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Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-4
	7086914N; 485205E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
60					200
61					
62					205
63					
64					210
65					
66					215
67					220
68	SAND - well graded, fine to coarse grained, subrounded to rounded, saturated, brown with grey, white and orange				
69					225
70					
71					230
72					
73					235
74					
75					240
76					
77					245
78					
79	- increasing fine sand and silt		- slow drilling, bit worn?		250
80					255
					260
					265

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LOGGED BY: AS	COMPLETION DEPTH: 82.3m
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Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-4
	7086914N; 485205E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
80					265
81					
82					270
	EOH @ 82.3 m (270 ft)				
83	NOTE: bit not drilling, too worn. Bedrock not reached. Hole collapsed to 59.4 m (195 ft) when 4" casing pulled. Redrilled to 67.1 m (220 ft).				275
84					
85					280
86					
87					285
88					
89					290
90					
91					295
92					
93					300
94					
95					305
96					
97					310
98					
99					315
100					
					320
					325
					328

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LOGGED BY: AS	COMPLETION DEPTH: 82.3m
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Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-5
	7087105N; 484917E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
0	SAND and SILT (FILL) - some gravel and cobble) - poorly graded, fine grained sand, subangular to subrounded, dry, brown to light brown, ice in returns				0
1	COBBLE (FILL) - dry, grey, some brown and white				
	SAND (FILL) - some silt and gravel), poorly graded, fine grained sand, moist with some frozen regions, brown, organic inclusions (tree branches),				5
2	SILT - some sand and gravel, moderately sorted, gravel rounded, wet, brown				
	SILT -damp, brown				
3	- water in returns; melted permafrost as ground frozen				10
4					
5					15
6					20
7	SAND and GRAVEL - poorly graded, subangular to subrounded, wet (water being added), grey, some white, trace orange		- water added from 20ft as cuttings not returning to surface		
	GRAVEL - some sand and silt, poorly graded, rounded to subrounded, dry, grey, trace orange and white				25
8	SAND and SILT and GRAVEL - occasional cobble, moderately sorted, subrounded, dry, brown and grey				
9					30
10					
11	SILT - trace gravel, damp, brown				35
	- boulder or cobble				
12	SILT - some cobble, subrounded to subangular cobble, damp, brown				40
	SAND and GRAVEL - trace silt, poorly graded, gravel subrounded to subangular, sand subrounded to rounded, dry, light brown and grey				
13					
14					45
15					50
16	SAND - some silt, well graded, subangular to subrounded moist, grey, brown and orange				
17	- increasing gravel, subrounded to subangular				55
18					60
19					
20					65

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LOGGED BY: AS	COMPLETION DEPTH: 59.4m
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Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-5
	7087105N; 484917E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
20	SAND - some gravel,well graded, rounded to subrounded, damp, light brown, some grey and orange				
21					70
22	- increasing moisture, damp to moist				
23					75
24	SAND and SILT - sand fine grained, soft, moist, brown				
25					80
26			- water added as cuttings not returning to surface		85
27	- became greyer in colour				
28					90
29					95
30					
31					100
32					105
33					
34	SAND and GRAVEL - occasional boulder/cobble, well graded, subangular to subrounded, damp, light brown and grey, some white and orange				110
35					115
36					
37	- dry				120
38					125
39					
40					130

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-5
	7087105N; 484917E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
40					135
41					
42					140
43					
44					145
45					
46					150
47					
48					155
49					
50					160
51					
52					165
53					
54			- cuttings wet after air turned off to add rods and casing, cuttings dry after approx 30 sec of air being turned on		170
55					
56	- cuttings slightly darker, increased moisture				175
57	- cuttings wet and water blown from hole after rods and casing added - return water changed from brown to orange/brown		- cuttings wet and water blown from hole after rods and casing added		180
58					
59					185
60	EOH @ 59.4 m (195 ft)				190
					195
					197

4/9/2011

4/9/2011

Monitoring Well Installation	CLIENT: Access Consulting Group	PROJECT NO. - BOREHOLE NO.
Keno City, YT	DRILL: Air Rotary	W23101422-MW-5
	7087105N; 484917E; Zone 8	

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
60	NOTE: sufficient water and depth to meet well construction requirements				200
61					
62					205
63					
64					210
65					
66					215
67					
68					220
69					
70					225
71					
72					230
73					
74					235
75					
76					240
77					
78					245
79					
80					250
					255
					260
					262

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LOGGED BY: AS	COMPLETION DEPTH: 59.4m
REVIEWED BY: SK	COMPLETE: 4/10/2011
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Attachment B

Completion Report for Onek Monitoring Well

A TETRA TECH COMPANY

July 15, 2011

ISSUED FOR USE
EBA FILE: W23101440
Via Email: eallen@accessconsulting.com

Alexco Resource Corp.
#3 Calcite Business Centre
151 Industrial Road
Whitehorse, Yukon Y1A 2V3

Attention: Mr. Ethan Allen, M.Sc.

Subject: Consulting Services for the Installation of a Monitoring Well at Onek Mine, Keno Hill, Yukon

1.0 INTRODUCTION

1.1 Background

EBA, A Tetra Tech Company (EBA) was engaged by Alexco Resource Corp. (Alexco) to provide hydrogeological consulting services during the installation of one (1) groundwater monitoring well at the Onek Mine in the Keno Hill area, Yukon. The work was performed in general accordance with the scope of work set out in our proposal (Doc Ref PW23100003_Alexco_Onek_MW) dated March 30, 2011 and accepted by Alexco on May 16, 2011.

1.2 Purpose

The purpose of EBA's work was to design a groundwater monitoring well for installation in a pre-drilled exploration borehole and to provide onsite co-ordination during construction of the well.

1.3 Scope and Sequence of Work

The scope of work included:

- design of a groundwater monitoring well that would enable long term gauging of groundwater elevations at the Onek Mine site in the Keno Hill area;
- co-ordinate the installation and construction the groundwater monitoring well;
- in addition to the agreed scope, onsite testing of the groundwater monitoring well for field parameters (pH, EC, temperature) was also undertaken.

The work was conducted with regard to the scope of work provided to EBA by Alexco and additional verbal directions provided by Ethan Allen and Scott Davidson of Alexco during the fieldwork program.

EBA, A Tetra Tech Company
Calcite Business Centre, Unit 6, 151 Industrial Road
Whitehorse, YT Y1A 2V3 CANADA
p. 867.668.3068 f. 867.668.4349

2.0 METHOD AND RESULTS

2.1 Groundwater Monitoring Well Design and Installation

EBA was advised by Alexco that the purpose of the monitoring well was to enable long term monitoring of the groundwater elevation in the vicinity of the Onek mine site. Given the potential for the groundwater elevation to be lowered through dewatering during proposed future mining activities, the well design agreed by EBA and Alexco incorporated a long screen interval to accurately measure the unconfined water table elevation.

It is noted that the long screened interval does not allow for discrete groundwater samples to be obtained from individual depths within the well.

The groundwater monitoring well was installed in an exploratory diamond drill hole identified by Alexco as K-11-0337. The borehole was drilled by Kluane Drilling between April 11, 2011 and April 13. Key borehole details are provided in Table 2-1.

Table 2-1: Key Borehole Details

Alexco Borehole ID	Driller	Started	Completed	Total Depth (m bgl)	Core Size	Location (UTM NAD83, Zone 8)	Ground Elevation (m asl)
K-11-0337	Kluane Drilling	11/4/2011	13/4/2011	76.20	HTW OD - 91.0 mm ID – 81.6 mm	E 485382.616 N 7087276.948	998.86

m – meters bgl – below ground level asl – above sea level

The monitoring well was constructed following completion of the exploratory borehole. The well was constructed using 50 mm PVC casing and factory-slotted screen with threaded joints.

Due to lubricants used during the coring process potentially smearing the borehole walls (possibly leading to sticking and bridging of the sand/bentonite/backfill material during installation), the drill rods were left in the borehole and the PVC well installed within the rods. Systematically, small amounts of sand/bentonite/backfill (approx. 0.2 to 0.4 m) were poured in to the annulus between the drill rods and the well, then the rods raised allowing the sand/bentonite/backfill to fall into the annulus between the borehole wall and PVC casing. This process was repeated to surface. This method was employed to minimize the risk of bridging. During installation, the well was lifted approximately 1.2 m to dislodge sand that had bridged during pouring. When lifted, the bottom 1.2 m of the borehole had filled with sand and the well was not able to be lowered back to its original depth.

Given the difficulties inherent in installing the 50 mm monitoring well in the narrow internal diameter HTW rods (typically bridging of sand and bentonite), a Geotech Drilling representative with skill in monitoring well installations assisted in the installation of the monitoring well. This was done with the approval of Alexco to save time and minimise the potential for the installation to fail.

The final well construction details are summarized below and in Table 2-2. Well logs and construction diagrams are provided in Appendix B. EBA notes that the lithological codes detailed in the soil description column of the logs were provided by Alexco. Lithological descriptions were not provided to EBA for inclusion on logs.

- Alternating lengths of 3 m of screened PVC casing then 6 m of solid PVC casing from the well base (74.98 m bgl) to 17.07 m bgl.
- Solid casing from ground level to 17.07 m bgl.
- A sand filter pack was installed from the base of the borehole to 15.24 m bgl.
- A bentonite seal at the top of the sand filter pack from 13.41 m bgl to 15.24 m bgl.
- The borehole was backfilled with native soils from 13.41 m bgl to approximately 1.5 m bgl.
- A bentonite surface seal was placed to prevent ingress of surface water.

Table 2-2: Key Well Details

Alexco Borehole ID	Drilled Depth (m bgl)	Total Borehole Depth (m bTOC)	Casing Diameter (mm)	Borehole Diameter (mm)	Screened PVC Intervals (m bgl)	Solid PVC Intervals (m bgl)	Filter Pack Interval (m bgl)
K-11-0337	76.20	76.60	50	91	17.07 - 20.12 26.21 - 29.26 35.36 - 38.40 44.50 - 47.55 53.64 - 56.69 62.79 - 65.84 71.93 - 74.98	0.00 – 17.07 20.12 - 26.21 29.26 - 35.36 38.40 - 44.50 47.55 - 53.64 56.69 - 62.79 65.84 - 71.93	15.24 – 76.20
m – meters bTOC – below top of PVC casing bgl – below ground level							

The following points are noted in regards to the drilling and installation program:

- K-11-0337 had been pre-drilled to 76.20 m bgl by Kluane Drilling under the direction of Alexco as part of the mining exploratory drilling program.
- The monitoring well was installed by a representative of Geotech Drilling with installation coordinated by an EBA representative.
- Alternating segments of screened PVC and solid PVC pipe were installed to maximize the screened interval whilst also minimizing costs and equipment used. Following discussion with Alexco representatives (Ethan Allen and Scot Davidson), it was concluded that designing the well in this manner would enable long term monitoring of groundwater elevations both under current conditions as well as during mine dewatering, which may substantially lower groundwater elevations .

The following products were used in the construction of the well:

- Target Products 10/20 Filter Sand, grain size 0.85 mm – 1.25mm (for filter pack)
- Holeplug 3/8 Coarse Grade Bentonite (for sealing the borehole).
- Soil sourced from the local vicinity (to backfill the borehole above the water table.

2.2 Well Gauging

The groundwater elevation recorded from K-11-0337 on April 15, 2011, two days after drilling and installation is detailed in Table 2-3.

Table 2-3: Groundwater Elevations (April 2011)

Alexco Borehole ID	Date	gl elevation (m asl)	gl to TOC (m)	SWL (m bTOC)	SWL (m bgl)	SWL (m asl)
K-11-0337	April 15, 2011	998.86	0.40	38.47	38.07	960.79
SWL – Static water level m – meters TOC – Top of PVC casing b – below gl – Ground Level asl – above sea level						

2.3 Field Water Quality Analysis

A grab sample was taken from the monitoring well following installation and analysed in the field for pH, electrical conductivity and temperature. The results of this analysis are shown in Table 2-4.

Table 2-4: Field Analysis (April 2011)

Alexco Borehole ID	Date	pH	Electrical Conductivity (µS/cm)	Temperature (°C)	Other
K-11-0337	April 15, 2011	7.09	645	2.0	Clear with some clear/white particulates present.

3.0 LIMITATIONS OF REPORT

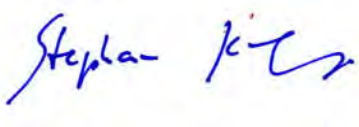
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4.0 CLOSURE

We trust this report meets your present requirements. Should you have any questions or comments, please contact the undersigned at your convenience.

Sincerely,
EBA, A Tetra Tech Company





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Hydrogeologist
Pacific Region
Direct Line: 867.668.2071 x243
aseeley@eba.ca

Stephan Klump, PhD
Hydrogeologist, Team Lead
Pacific Region
Direct Line: 867.668.2071 x250
sklump@eba.ca

APPENDIX A

APPENDIX A EBA'S GENERAL CONDITIONS

GENERAL CONDITIONS

GEO-ENVIRONMENTAL REPORT

This report incorporates and is subject to these “General Conditions”.

1.0 USE OF REPORT AND OWNERSHIP

This report pertains to a specific site, a specific development, and a specific scope of work. It is not applicable to any other sites, nor should it be relied upon for types of development other than those to which it refers. Any variation from the site or proposed development would necessitate a supplementary investigation and assessment.

This report and the assessments and recommendations contained in it are intended for the sole use of EBA’s client. EBA does not accept any responsibility for the accuracy of any of the data, the analysis or the recommendations contained or referenced in the report when the report is used or relied upon by any party other than EBA’s Client unless otherwise authorized in writing by EBA. Any unauthorized use of the report is at the sole risk of the user.

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2.0 ALTERNATE REPORT FORMAT

Where EBA submits both electronic file and hard copy versions of reports, drawings and other project-related documents and deliverables (collectively termed EBA’s instruments of professional service), only the signed and/or sealed versions shall be considered final and legally binding. The original signed and/or sealed version archived by EBA shall be deemed to be the original for the Project.

Both electronic file and hard copy versions of EBA’s instruments of professional service shall not, under any circumstances, no matter who owns or uses them, be altered by any party except EBA. The Client warrants that EBA’s instruments of professional service will be used only and exactly as submitted by EBA.

Electronic files submitted by EBA have been prepared and submitted using specific software and hardware systems. EBA makes no representation about the compatibility of these files with the Client’s current or future software and hardware systems.

3.0 NOTIFICATION OF AUTHORITIES

In certain instances, the discovery of hazardous substances or conditions and materials may require that regulatory agencies and other persons be informed and the client agrees that notification to such bodies or persons as required may be done by EBA in its reasonably exercised discretion.

4.0 INFORMATION PROVIDED TO EBA BY OTHERS

During the performance of the work and the preparation of the report, EBA may rely on information provided by persons other than the Client. While EBA endeavours to verify the accuracy of such information when instructed to do so by the Client, EBA accepts no responsibility for the accuracy or the reliability of such information which may affect the report.

APPENDIX B

APPENDIX B WELL LOG AND CONSTRUCTION DIAGRAM

Monitoring Well Installation	CLIENT: Alexco Resource Corp.	PROJECT NO. - BOREHOLE NO.
Onek Mine	DRILL: Diamond Core	Alexco ID: K-11-0337
Keno Hill, YT	7087276.948N; 485382.6162E; Zone 8	Ground Elevation (m asl): 998.86

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
0	OVB		**Additional Well Details:** Borehole Diameter: 91 mm; Casing Diameter: 50 mm; Stickup (m agl): 0.40 m; SWL 4/15/2011 (m asL): 960.79		0
1					
2					5
3					
4	ICQS				10
5					
6	TQTZT				15
7					
8					20
9					
10					25
11					
12					30
13	GNST				
14					35
15					
16					40
17					
18					45
19	TQTZT				
20					50
21	GNST				
22					55
23	ICQS				
24					60
25	QTZT				
26					65
					70
					75
					80
					85

eba A TETRA TECH COMPANY	LOGGED BY: Client	COMPLETION DEPTH: 76.20 m
	REVIEWED BY: SK	COMPLETE: 4/13/2011
	DRAWING NO:	Page 1 of 3

Monitoring Well Installation	CLIENT: Alexco Resource Corp.	PROJECT NO. - BOREHOLE NO.
Onek Mine	DRILL: Diamond Core	Alexco ID: K-11-0337
Keno Hill, YT	7087276.948N; 485382.6162E; Zone 8	Ground Elevation (m asl): 998.86

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
26					90
27					
28					
29	TQTZT				95
30					
31	GNST				100
32					
33					105
34					
35	MCQ				110
36					
37					115
38	GNST				
39	GNST TQTZT				120
40					
41	ICQS				125
42					
43					130
44					
45	CHSCH				135
46					
47					140
48					
49					145
50					
51					150
52					155
					160
					165
					170 171

eba A TETRA TECH COMPANY

LOGGED BY: Client	COMPLETION DEPTH: 76.20 m
REVIEWED BY: SK	COMPLETE: 4/13/2011
DRAWING NO:	Page 2 of 3

Monitoring Well Installation	CLIENT: Alexco Resource Corp.	PROJECT NO. - BOREHOLE NO.
Onek Mine	DRILL: Diamond Core	Alexco ID: K-11-0337
Keno Hill, YT	7087276.948N; 485382.6162E; Zone 8	Ground Elevation (m asl): 998.86

SAMPLE TYPE: DISTURBED | NO RECOVERY | SPT | A-CASING | SHELBY TUBE | CORE

BACKFILL TYPE: BENTONITE | PEA GRAVEL | SLOUGH | GROUT | DRILL CUTTINGS | SAND

Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	NOTES & COMMENTS	Monitoring well	Depth (ft)
52					175
53					
54					180
55	GSCH				
56	ICQS				185
57	GNST				
58					190
59					
60					195
61					
62					200
63					
64	ICQS				205
65	TQTZT				
66	GSCH				210
67					
68					215
69					
70	TQTZT				220
71					
72					225
73					
74					230
75	ICQS				
76	QTZT				235
77	EOH @ 76.20 m				
78					240
					245
					250
					255
					256

eba A TETRA TECH COMPANY

LOGGED BY: Client	COMPLETION DEPTH: 76.20 m
REVIEWED BY: SK	COMPLETE: 4/13/2011
DRAWING NO:	Page 3 of 3

Appendix P

Memorandum

Date: June 20, 2011
To: Vanessa Benwood, Alexco Keno Hill Mining Corp (AKHM)
C: Jim Harrington, Alexco Resource Corp.
From: Ethan Allen, Access Consulting Group
Subject: Keno District Mill Preliminary Dustfall Monitoring Results

1. INTRODUCTION

In accordance with Clause 69 of the Decision Document for the assessment for the Bellekeno Mine Project (YESAB File Number 2009-0030), dustfall monitoring was installed at two locations near the Keno District mill site. Samples have been collected on an approximately monthly basis at two locations near the mill site continuously since March 6, 2011. The dust monitoring program is described in the Monitoring and Surveillance Plan Revision 1 (June, 2011).

1.1 Purpose

At the request of Yukon Government, Alexco and Access Consulting Group met with representatives of Yukon Government on May 17, 2011 to discuss the implementation of the dust monitoring program for the Bellekeno Project. A commitment to provide results of initial sampling to Yukon Government was made by Alexco at this meeting.

This memorandum summarizes the results of initial dustfall monitoring undertaken by AKHM for the period between March 6, 2011 and May 10, 2011.

2. METHODS

Mill site layout and infrastructure and locations of Bergerhoff dust monitoring gauges currently in place at two locations at the edge of the mill site are shown on Figure 1.



National Topographic Data Base (NTDB) compiled by Natural Resources Canada at a scale of 1:50,000. Cadastral data compiled by Natural Resources Canada. Reproduced underlicense from Her Majesty the Queen in Right of Canada, Department of Natural Resources Canada. All rights reserved.

Datum: NAD 83; Map Projection: UTM Zone 8N

Main Map: 1:2,500 Inset Map: 1:60,000

(when printed on 11 x17 inch paper)

Dust Monitor Station

Mill Access Road

Haul Road

Local Road

ALEXCO

ACCESS Consulting Group

MONITORING AND SURVEILLANCE PLAN QML - 0009

FIGURE 1

PRELIMINARY DUST MONITORING RESULTS

DRAWN BY MD	JUNE 2011	VERIFIED BY EA

I:\ALEX-05-01\Bellekeno\GIS\mxd\Permitting\Monitoring_and_Surveillance_Plan_QLM_0009\Prelim_Dust_Monitoring_Stns_20110603.mxd

(Last edited by: mduchame;03/06/2011/14:32 PM)

2.1 Site sampling procedure

Two samples were collected for the period between March 6, 2011, and May 10, 2011 at each sampling location on approximately monthly intervals. Because of the prevailing winter/spring conditions during collection of these two initial samples, no special procedure was undertaken with respect to ensuring maintenance of water in the collection bottle. All samples contained a significant amount of water (or snow) at the time of collection. Samples were emptied and rinsed with deionized water into secondary sample bottles and sent to Maxxam Analytical Laboratories of Burnaby, BC for analysis.

2.2 Laboratory Analytical Procedure

The following samples were subjected to the following procedure upon receipt by Maxxam:

- Samples were split into two portions of 60 mL.
- One aliquot was run for Total Suspended Solids.
- The second aliquot for Total Solids, fixed and volatile.

Total Suspended Solids (TSS) Aliquot

- Extraneous material was removed prior to filtering.
- Samples were filtered using a Whatman 934AH 12.5 cm 1.5um filter to determine TSS.

Total Solids Aliquot

- Samples were dried overnight at 105 degrees C.

Loss on Ignition (LOI)

- LOI was conducted on both aliquots at 600 degrees C on the filtrate from the total and suspended solids aliquots in order to determine total weight of the fixed and volatile portions. The volatile fraction, which was burned off during LOI was assumed to be organic material.

Moving forward, Maxxam has been instructed to run the sample for only TSS. Also, Maxxam has been instructed to keep the solids from the Total Solids and if enough sample is available (at least 1 gram) to proceed with a ICP metals analysis.

3. RESULTS

The results of preliminary dust monitoring for DM1 and DM2 are summarized in Table 1 below. A summary table and calculated deposition rate for each sample and for the two sample periods is included in Table 2. Analytical certificates for these samples are included as Attachment 1.

Table 1 Summary of Results

		Total Solids Aliquot			Total Suspended Solids Aliquot		
Station #	Units	Total	Fixed	Volatile	Total	Fixed	Volatile
DM1	mg/sample[1]	18	<10	18	<10	<1	<1
DM2	mg/sample[1]	22	<10	18	<10	7	<1
DM1	mg/sample[1]	19	<10	19	<10	2	<1
DM2	mg/sample[1]	13	<10	12	<10	2	<1
RDL[2]		10	10	10	10[3]	1	1

Notes: [1]All measurements calculated to represent the entire sample (both aliquots)
[2]RDL = Reportable Detection Limit
[3] The RDL was raised to from 1 to 10 due to insufficient sample volume

Table 2 Dust Deposition Summary Table

Station #	Collection Period	Days	Surface Area of Sample Bottle (dm^2)	Deposition Based on TSS Fixed (mg/[dm^2*d])
DM1	March 6 - April 3	29	1.46	0.012*
DM2	March 6 - April 3	29	1.46	0.165
DM1	April 3 - May 10	38	1.46	0.036
DM2	April 3 - May 10	38	1.46	0.036

*Assuming below detection result was 0.5x RDL

Dust deposition was calculated based on the TSS fixed. RDL for the Total Solids was too high, resulting in all of the measurements being below detection. The TSS fixed value was divided by the surface area of the sample bottle mouth and the number of days over each sample was collected. The resultant dust deposition values are reported in mg/(dm^2*d), which is comparable to the Ambient Air Control Objectives in the *Pollution Control Objectives for the Mining, Smelting and Related Industries of BC* (1979), which

provides an acceptable range of between 1.7 to 2.9 mg/(dm^2*d). The use of only the fixed solids measurements is deemed the most appropriate representation of dust which may originate from the site, and is expected to consist wholly of minerals, which would not be significantly volatilized by LOI.

4. DISCUSSION AND RECCOMENDATIONS

A number of observations and interpretations are made from these data:

- RDL for the TSS measurement is an order of magnitude lower that the Total Solids measurement (1 mg compared with 10 mg) which enabled a measurable result for all but one sample.
- The highest calculated dust deposition rate was over an order of magnitude below the lowest value of 1.7 mg/(dm^2*d) listed under the *Ambient Air Control Objectives*, which is the trigger for Phase 2 (TSP) sampling.
- The highest observed deposition (0.165 mg/(dm^2*d) was recorded at DM1 for the period between March 6 – April 3, but still over and order of magnitude lower than the Phase 2 trigger. This dust may be attributable to dust emanating from the crushers during periods of cold weather. This interpretation is supported by the observation that the crushers are located directly upwind according to the modeled and observed predominant winds at the site and that some cold weather was experienced in March.
- The majority of the Total Solids fraction (between 82% and 100%) was volatile (organic) and lost during ignition.

Potential dust sources at the mill site have been identified as the Dry Stack Tailings Facility (DSTF), the tailings and concentrate loadout areas, the fine ore stockpile, the primary and secondary crushers, and fugitive dust from mill site area roads. Based on the dust modeling conducted and submitted as part of the DSTF Construction and Operation Plan and preliminary data collected to date, these potential dust sources are expected to be more likely to produce dust at different times of the year. Dust from crushing activity is most likely during periods of cold weather during the winter months, when natural water in ore is too frozen to provide natural dust suppression. Dust from

other sources (DSTF, loadout areas, stockpiles, and roads) is considered more likely to be produced during the summer months during periods of dry weather.

Based on the preliminary monitoring period summarized in this memo, the following recommendations are made relating to future dust monitoring activities as described

- These preliminary results justify continuation of the Phase 1 (dustfall) monitoring program as there were no exceedences of the trigger of 1.7 mg/(dm^2*d) for the second phase (TSP) monitoring.
- Two additional monitoring Bergerhoff dust monitoring stations are recommended along the northwest and southeast margins of the mill site. These additional stations will provide additional confidence that windblown dust resulting from any predominant wind direction is adequately sampled.
- Only TSS should be measured for future dust samples by the laboratory, because of its more sensitive RDL.
- A sampling period length of approximately 1 month is recommended during the spring and summer months as other potential dust sources are exposed.
- A longer sampling period (e.g. 60 days) during winter/spring months may be warranted in order to attempt to collect a greater (measurable) sample weight which will provide a greater margin above RDLs.
- Implementation of more sophisticated field sampling procedures (including the periodic addition of deionized water to sampling jars) as described in the Monitoring and Surveillance Plan Revision 1 is warranted during the summer months in order to prevent potentially drying out of the sample jars, which could cause loss of sample.

Continuation of pre-emptive and reactive dust control procedures as outlined in the DSTF Construction and Operation Plan, Traffic Management Plan, and Monitoring and Surveillance Plan is recommended to help ensure that fugitive dusting does not become an issue.

5. CLOSURE

Should you have any questions, please contact the undersigned at (867)-668-6463.



E. Allen, M.Sc.

Environmental Geoscientist

Attachments:

1. Dust Monitoring Analytical Certificates from Maxxam Analytical

Appendix Q

CONCEPTUAL ADAPTIVE MANAGEMENT PLAN

BELLEKENO, ONEK AND LUCKY QUEEN DEPOSITS PRODUCTION UNIT AREAS

March 2012

Prepared for:

ALEXCO KENO HILL MINING CORP.

Prepared by:

ACCESS

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1 INTRODUCTION

The Bellekeno Mine Water Use Licence (WUL) QZ09-092 specifies the following Licence conditions:

#90. Within six months of the effective date of this licence, the Licensee shall submit to the Board an AMP dealing specifically with Bellekeno Undertaking and shall implement that plan. The AMP should be based on the contents of the existing district-wide AMP submitted as exhibit 1.3.10, but customized for the specific activities and developments of the Bellekeno Undertaking.

#91. In addition to these relevant events already identified in the district wide AMP, the Bellekeno AMP should specifically include adaptive management triggers and responses to the following events:

- *Development of high pore pressures underneath the DSTF;*
- *Development of significant erosion of exposed DSTF surfaces;*
- *Development of erosion at the Flame and Moth Site discharge area;*
- *Transport of sediment from the Flame and Moth discharge area into Christal Creek;*
- *Development of large differential settlements at the DSTF;*
- *Development of large differential settlements along the conveyance flume from the DSTF to the Flame and Moth Site collection and sediment pond;*
- *Exceedence of recommended water quality standards in the receiving environment occurring irrespective of compliance with effluent discharge standards;*
- *Identification of groundwater quality impacts at the Flame and Moth or Bellekeno mill sites; and*
- *Identification of water quality impacts to Keno City water wells.*

The updated Bellekeno Adaptive Management Plan (AMP) was submitted in April 2011 to fulfil the above Water Use Licence conditions. On December 30, 2011 Alexco submitted the Onek and Lucky Queen Deposits Production Project Proposal to YESAB. On March 15, 2012 YESAB requested Alexco submit a conceptual Adaptive Management Plan inclusive of the proposed activities at Onek and Lucky Queen. This report has been prepared to fulfil that request. The AMP with respect to Onek and Lucky Queen is conceptual at this time and with the collection of additional data the AMP will be updated as part of the amendment application for WUL QZ09-092. It is anticipated that the recommendations made by YESAB will inform the additional development of the Bellekeno, Onek and Lucky Queen AMP.

2 UPDATE TO KENO HILL SILVER DISTRICT AMP

The district-wide AMP has been updated several times to reflect the changing status of activities in the Keno Hills Silver District (KHSD). The District AMP was last updated in June 2011.

2.1 ALEXCO ACTIVITIES IN THE KHSD

Alexco and its subsidiary companies are undertaking care and maintenance, exploration and development, active mining and mill processing activities, and closure studies in the Keno Hill Silver District which includes various activities:

Principal activities: Bellekeno, Onek and Lucky Queen Deposits and District Mill:

- Mining ore and waste rock from Bellekeno, Onek and Lucky Queen deposits;
- Placement of potentially acid metal leaching (P-AML) rock within engineered facilities;
- Placement of non acid metal leaching (N-AML) rock in waste rock disposal areas;
- Construction of earthworks and erosion control protection;
- Crushing, grinding, flotation, thickening, filtration, and production of a lead concentrate, zinc concentrate, and tailings streams related to the lead flotation circuit and the zinc flotation circuit;
- Placement of tailings in the engineered Dry Stack Tailings Facility;
- Placement of tailings and P-AML rock in a cemented rock backfill within the former vein areas;
- Water treatment of water from Bellekeno mine, Onek 400 adit and potentially from the District Mill and Lucky Queen adit;
- Use of water for camp purposes and quartz mining undertakings;
- Use of water and wastewater for lime mixing operations;
- Use of water for milling operations; and
- Environmental monitoring, including dust, surface water, groundwater and treated mine water prior to discharge.

Principal activities Exploration, Development, Care and Maintenance and Closure:

- Surface drilling and advanced underground exploration with view to mine development;
- Direct use of water for camp purposes and quartz mining undertakings;
- Direct use of water and wastewater for lime mixing operations;
- Deposit of waste into water and receiving environment;
- Waste rock storage;
- Construction and upgrades to access roads;
- Operation and maintenance of existing four wastewater treatment facilities and associated settling ponds using lime treatment (Silver King 100, Galkeno 900, and Galkeno 300 and the Valley Tailings Area);

- Deposit of waste as lime treatment sludge;
- Construction of earthworks and erosion control protection;
- Storage of wastewater in the treatment settling ponds and Valley Tailings Area; and
- Maintenance of existing diversion channels (Porcupine Creek) and ditches.

Accessory activities:

- Maintenance and operation of site infrastructure related to water treatment systems and access roads;
- Site security and maintenance of site facilities and structures for public health and safety;
- Transport of milk of lime solutions to treatment sites;
- Periodic desludging of treatment settling ponds and transportation or pumping to sludge storage areas which are periodically decanted;
- Mine dewatering for care and maintenance purposes and to advance underground exploration or development;
- Water sampling (effluent and receiving waters);
- Waste rock analysis and classification;
- Environmental monitoring, inspections and sample programs, including monitoring and inspection of physical structures;
- Removal of blockages that have formed naturally or cofferdams that have been constructed as temporary structures to avoid uncontrolled discharge of mine pool water;
- Removal and clean up of infrastructure related to adits, adit structures and facilities;
- Wastewater treatment studies and test programs related to potential closure design options; and
- Operation, inspection and maintenance of the Valley Tailings Area.

2.2 PLANS IN PLACE

Alexco recognizes that the activities associated with the Bellekeno, Onek and Lucky Queen deposits and the District Mill are being performed in a historic mining district which includes waters and physical workings at the Keno Hill Silver District that could potentially become an environmental risk or hazard that do not yet require immediate attention. The discharge of treated water, the potential future discharge of water from the DSTF mill area, and placement of water treatment sludge is being performed in watersheds that are impacted by historic mining operations. The development of a Keno Hill District Closure Plan is intended to address these water discharges and workings which require further intervention over the long term. As the closure work is implemented, it is expected that changes in the environmental status of the KHSD will be observed.

Several plans are currently in place pursuant to the existing licences and approvals and are referenced throughout this AMP. Table 1-1 lists these plans that will be updated as part of the amendment of Water Use Licence QZ09-092 and the Quartz Mining Licence QML-009 to guide the management of activities and monitoring associated with operation of the Bellekeno, Onek and Lucky Queen deposits, and District Mill.

Table 2-1 Plans Under the Existing Mine Licences

QML-009 Plans	WUL QZ09-092 Plans
Emergency Response Plan	Sludge Management Plan
Hazardous Materials Management Plan	Groundwater Monitoring Plan
Heritage Resources Protection Plan	Water Balance Report and Water Management Plans
Monitoring and Surveillance Plan	Tailings Characterization Plan
Noise Abatement Plan	Receiving Environment Study
Spill Contingency Plan	Physical Inspection and Reporting Plan
Traffic Management Plan	Bellekeno 625 Water Treatment Systems Operations Manual
Waste Management Plan	Bellekeno Hydrogeology Plan
Wildlife Protection Plan	Dry Stack Tailings Facility Design Report
	Dry Stack Tailings Facility Operation and Management Plan

This document builds on these plans and intended to summarize and augment the adaptive management activities already contained in the District-wide AMP and these plans.

3 ADAPTIVE MANAGEMENT PLAN OVERVIEW

3.1 ADAPTIVE MANAGEMENT PLAN OBJECTIVES

An adaptive management plan (AMP) is a management tool designed to guide responses to unforeseen or contingency events respecting for example, water quality and quantity and physical conditions of site workings and infrastructure. The adaptive management approach will provide for assessment of mitigation measures and their effectiveness, and guide the orderly implementation of responses. Since it is difficult to predict the specific environmental condition that may arise which requires a response from management, the AMP does not necessarily provide specific detailed descriptions of responses to a situation. The AMP provides a range of possible responses to use as a guide to respond to specific environmental conditions encountered. Management should use the information provided in the AMP and adapt the appropriate response from this guide, which is the sole purpose of an AMP.

The AMP framework encompassing Company management activities includes:

- routine inspection and environmental monitoring, maintenance and reclamation;
- routine assessment of monitoring and performance data;
- performance thresholds for implementation of appropriate levels of responses for planned contingency measures; and
- reporting of monitoring results and actions.

Results of the monitoring programs (Section 2.2 – Plans in Place), will be assessed on an ongoing basis to determine if any negative trends in water quality, quantity or other parameters are occurring. If the results indicate that there are no negative environmental impacts, then the frequency and length of monitoring and maintenance would continue as usual. Adaptive management will be implemented to respond to negative trends observed through the monitoring programs.

3.2 AMP EVENTS SUMMARY

The district-wide AMP identifies a number of “events” which represent potential environmental conditions that would require a management response, if they were to occur; these are the first 5 “events” listed below. The Bellekeno WUL clause 91 adds nine additional “events” which are in addition to the ones previously identified in the District-wide AMP, identified as “events” 6 through 14 listed below. No additional “events” have been identified for the activities associated with the Onek and Lucky Queen deposits production, but the AMP “events” have been updated to include monitoring for the proposed activities at Onek and Lucky Queen in addition to Bellekeno.

1) Change in Water Quality or Quantity
2) N-AML Waste Rock Disposal Area(s) Seepage Exhibits AML

- Waste Rock Disposal Area(s) (including where used for road and general construction) runoff trending to AML conditions.

3) Sludge Storage Area Effectiveness Compromised

- Seepage Observed Near Sludge Storage Area
- Sludge Storage Area Approaching Capacity

4) Physical Instabilities

- Area of Significant Subsidence is Observed
- Rock Fall or Landslide Occurs Within a Monitored Area
- Structure Failure or Portal Collapse

5) Site Security Compromised

- Gate, Fence or Sign Damaged

6) Development of high pore pressures underneath the DSTF
7) Development of significant erosion of exposed DSTF surfaces
8) Development of erosion at the District Mill Site discharge area
9) Transport of sediment from the District Mill Site discharge area into Christal Creek
10) Development of large differential settlements at the DSTF
11) Development of large differential settlements along the conveyance flume from the DSTF to the District Mill Site collection and sediment pond
12) Exceedence of recommended water quality standards in the receiving environment occurring irrespective of compliance with effluent discharge standards
13) Identification of groundwater quality impacts at the Bellekeno, Onek, and Lucky Queen Production Unit Areas or the District Mill site,
14) Identification of water quality impacts to Keno City water wells

The AMP response for each of these events is described individually in subsequent sections while Table 3-1 at the end of this section provides a summary of the approach to AMP events. This table summarizes the narrative triggers, indicators and response thresholds, monitoring locations and parameters.

3.3 AMP APPROACH

For each AMP event a methodical approach is provided:

1) Description of the event and possible environmental consequences - Addresses issues or information that trigger the AMP;
2) Location of possible event occurrence – Identifies specific working site locations if applicable to event;
3) Monitoring requirements – Identifies the parameters to be monitored, frequency and means for monitoring each parameter;
4) Specific indicators and thresholds - Defines the conditions when management actions should be taken. There may be a series of indicators and staged thresholds for an individual event; and

5) Approach to responses – Description of the approach to responses including a simplified flow chart to guide the implementation process if any specific thresholds have been crossed.

Table 3-1 AMP Summary

EVENT	NARRATIVE TRIGGER	INDICATORS	THRESHOLDS	MONITORING LOCATIONS	MONITORING PARAMETERS
1. CHANGE IN WATER QUALITY OR QUANTITY					
a. Significant change in water quality of treatment plant discharge	Water Treatment Facilities Decline in effluent pH noted or effluent quality trending towards possible exceedence of standards or exceeds licenced standards.	pH, Total zinc, ammonia, TSS	Treated effluent: TSS>20 mg/L for three consecutive days; OR Total Zinc > 0.40 mg/L and pH <6.5 for three consecutive days; OR Ammonia > 4.0 mg/L and pH > 9.0 for three consecutive days; OR Effluent quality standards exceeded.	Bellekeno, Onek 400 and Lucky Queen Water Treatment Facilities	Routine in-situ, on-site total zinc, external multi-element ICP, hardness, pH, conductivity, TSS, ammonia, LT50
b. Significant change in water quality of adit discharge	Significant decline in pH or increase in conductivity from mine adit discharge to treatment plant	pH, conductivity	Adit discharge pH more than 1 pH standard unit lower or conductivity 2X higher than historic average	KV-42 Bellekeno adit KV-34 Lucky Queen Adit KV-XX Sign Post Adit	Same as indicators
b. Adit discharge quantity significantly increases	Observed or measured flows display a sustained and statistically significant increase over historical flow conditions	Flow	Increase of flow to greater than 95% Upper Confidence Level when compared to the average for the previous 24 months or 90% Licence flow discharge criteria exceeded	KV-43 Bellekeno treatment plant; KV-82 Mill sediment pond discharge treatment plant KV-34 Lucky Queen adit, KV-XX Sign Post Adit	same as indicators
2. WASTE ROCK SEEPAGE EXHIBITS AML					
a. Waste rock seepage or runoff trending to AML conditions	Seepages from waste rock disposal areas or from works constructed or upgraded with non	pH, conductivity	Significant decline in pH between measurements or pH <6.0 and/or conductivity	Waste rock disposal areas and works or features	pH, conductivity, Routine multi-element ICP

EVENT	NARRATIVE TRIGGER	INDICATORS	THRESHOLDS	MONITORING LOCATIONS	MONITORING PARAMETERS
	AML material show significant decline in pH and/or an increase in conductivity OR approaching licenced discharge standards		showing a significant increasing trend or >2000 S/cm; OR indicators approaching licenced discharge standards	constructed from N-AML material	
3. SLUDGE STORAGE AREA EFFECTIVENESS COMPROMISED					
a. Seepage observed near sludge storage areas	Routine inspection of sludge storage area shows seepage	Total zinc, pH	pH >8.5 and total zinc > 1.0 mg/L	Valley Tailings sludge storage cell	Same as indicator
c. Sludge storage area approaching capacity	Sludge storage area approaching minimum freeboard of 1.0 meter below the decant point	Visual observation of freeboard	Freeboard is at 1.5 meter below decant point	Valley Tailings sludge storage cell	Same as indicator
4. PHYSICAL INSTABILITIES					
a. Area of significant surface subsidence has occurred	An observed subsidence has exposed an opening to surface or resulting in slope failure	Visible slope failure, ground subsidence or opening on surface	Opening to underground workings or area of subsidence effects public safety or down gradient environment	Bellekeno, Onek and Lucky Queen Production Unit Areas	same as indicators
b. Rock fall or landslide is observed that affects road right-of-way or intrudes into stream	An observed rock fall or landslide effects a road right-of-way, infrastructure or intrudes into stream	Mine source material movement	Source material effects road or stream	Bellekeno, Onek and Lucky Queen Production Unit Areas	same as indicators
5. SITE SECURITY COMPROMISED					
a. Security gate, fence, sign damaged	Public health and wildlife safety measure damaged or removed	Sign, fence, gates, locks	Security feature damaged, removed, or compromised	Bellekeno, Onek and Lucky Queen Production Unit Areas	same as indicators
6. DEVELOPMENT OF HIGH PORE PRESSURES UNDERNEATH THE DSTF					
a. High porewater pressure within groundwater monitoring wells in the DSTF	Porewater pressure is observed in groundwater monitoring wells in the DSTF	Porewater pressure	Tip @1.0m or 1.7m depth – Porewater pressure parameter (Ru) exceeds 0.15	Groundwater monitoring wells in the DSTF	same as indicators
7.0 DEVELOPMENT OF SIGNIFICANT EROSION OF EXPOSED DSTF SURFACES					

EVENT	NARRATIVE TRIGGER	INDICATORS	THRESHOLDS	MONITORING LOCATIONS	MONITORING PARAMETERS
a. Area of significant erosion on exposed DSTF surface	An observed movement of tailings caused by erosion on surface	Visual inspection of tailings surface	Geotechnical engineer or operator inspection identifies adverse operating condition	DSTF	Same as indicators
8. DEVELOPMENT OF EROSION AT THE DISTRICT MILL SITE DISCHARGE AREA					
To be developed once discharge system is designed					
9. TRANSPORT OF SEDIMENT FROM THE DISTRICT MILL SITE DISCHARGE AREA INTO CHRISTAL CREEK					
To be developed once discharge system is designed					
10. DEVELOPMENT OF LARGE DIFFERENTIAL SETTLEMENTS AT THE DSTF					
a. Significant differential settlements are observed in the DSTF	An observation of significant differential settlements are observed at the DSTF	Displacement of survey monitors and slope indicators	Displacements greater than 25 mm in any direction	Survey monuments and slope inclinometers	Same as indicators
11. DEVELOPMENT OF LARGE DIFFERENTIAL SETTLEMENTS ALONG THE CONVEYANCE FLUME FROM THE DSTF TO THE DISTRICT MILL SITE COLLECTION AND SEDIMENT POND					
a. Significant differential settlements are observed in along the conveyance flume	An observation of significant differential settlements are observed the conveyance flume	Displacement of survey monuments	Displacements greater than 25 mm in any direction	Survey monuments	Same as indicators
12. EXCEEDENCE OF RECOMMENDED WATER QUALITY STANDARDS IN THE RECEIVING ENVIRONMENT OCCURRING IRRESPECTIVE OF COMPLIANCE WITH EFFLUENT QUALITY STANDARDS					
a. Water quality standards are exceeded in the receiving environment even though authorized licenced discharges are within discharge limits	Receiving environment discharge standards exceed CCME and do not have a history of exceedence, and waste related to the Bellekeno, Onek or Lucky Queen undertaking are contributing greater than 10% of the mass load.	Licensed discharge parameters	Exceedence of CCME at a receiving environment monitoring station, no previous trend of exceedence, and Bellekeno, Onek or Onek undertaking contributes >10% of mass load	Receiving environment monitoring stations	Same as indicators
13. IDENTIFICATION OF GROUNDWATER QUALITY IMPACTS AT THE BELLEKENO, ONEK AND LUCKY QUEEN PRODUCTION UNIT AREAS OR DISTRICT MILL SITE					

EVENT	NARRATIVE TRIGGER	INDICATORS	THRESHOLDS	MONITORING LOCATIONS	MONITORING PARAMETERS
a. A significant increasing trend is observed in groundwater near the District Mill or N-AML Waste Rock Disposal Area	Total zinc significantly exceeds baseline measurements for a given monitoring well, and exceeds licenced effluent discharge standards	Total Zn	Total zinc exceeds the highest baseline measurement by a factor of 2x, and exceeds licensed effluent quality standards	Groundwater monitoring wells shown on Figure 5-1	Same as indicators
14. IDENTIFICATION OF WATER QUALITY IMPACTS TO KENO CITY WATER WELLS					
a. A significant increasing trend is observed in groundwater near the District Mill Site, Bellekeno N-AML Waste Rock Disposal Area, or Onek deposit Production Unit areas	Total zinc significantly exceeds baseline measurements for a given monitoring well, and exceeds licenced effluent quality standards	Total Zn	Total zinc exceeds the highest baseline measurement by a factor of 2x, and exceeds licensed effluent quality standards	Groundwater monitoring wells (KV-84, ON-MW-01, KC-MW-3)	Same as indicators

4 DISTRICT AMP UPDATE FOR BELLEKENO, ONEK AND LUCKY QUEEN PRODUCTION UNIT AREAS

4.1 CHANGE IN WATER QUALITY OR QUANTITY

Results of water quality and quantity monitoring are assessed on an ongoing basis to determine if significant changes are occurring and if an adaptive management response is required. The following sections describe what constitutes a significant change to water quality or quantity and associated responses that would be implemented.

4.2 SIGNIFICANT CHANGE IN WATER QUALITY

4.2.1 Descriptions

All data for current water sample stations required in the Bellekeno Mine WUL QZ09-092 are stored in an EQWin database that allows water quality to be tracked at each site such that conditions can be identified at any point in the season. New sampling stations and its respective data collected for the Onek ad Lucky Queen Production Unit areas will also be stored in the same database. In this way parameters can be seen to be fluctuating from the normal, and reaching levels where management is required to respond. Set point triggers can be placed in the database so that response parameters are flagged for notification and action.

4.2.2 Locations

Water quality is currently monitored from the Bellekeno water treatment facilities and District Mill for potential effects to the receiving environment including loading of down gradient waters. As part of the Onek and Lucky Queen deposit production project proposal, the treated Onek 400 treatment plant, Lucky Queen adit (KV-34) and Sign Post discharges will also be monitored. These sites are listed below and shown in Figure 4-1.

Water Treatment Facilities:

- KV-43 - Bellekeno 625 Treatment Pond Decant;
- KV-83 - District Mill Treatment Decant; and
- KV-XX – Onek 400 Treatment Plant Discharge.

Adits:

- KV-42 - Bellekeno 625 Adit;
- KV-34 - Lucky Queen Adit; and
- KV-XX Sign Post Adit.

4.2.3 Monitoring Requirements

Specific parameters from the monitored areas will be compared to specific thresholds to determine if they have been exceeded. Monitoring requirements will change should one of the AMP thresholds be triggered. This could include more frequent monitoring of grab samples at the station location as well as more frequent monitoring of the receiving environment below the site where the trigger was initiated.

4.2.4 Specific Thresholds

Specific thresholds for the different categories of monitoring stations that will initiate a response are provided in the following sections.

4.2.4.1 Water Treatment Facilities/Licenced Effluent Discharges

Water quality data from treatment facilities and other potential effluent discharge from Bellekeno 625 decline, District Mill decant pond, Onek 400 treatment plant, Lucky Queen 500 adit and Sign Post adit will be assessed to determine if the following thresholds have been exceeded:

- Daily sampling result for pH less than 7.0 units at a water treatment facility decant for more than 3 consecutive days;
- Daily sampling result for zinc or ammonia trending toward possible exceedence of discharge standard:
- Total zinc > 0.40 mg/L and pH < 7.0 units for three consecutive days; or

Ammonia > 4.0 mg/L and pH > 9.0 for three consecutive days; and

TSS > 20 mg/L for three consecutive days.

- Sample result exceeds effluent quality standard (Table 4-1, Table 4-2 and Table 4-3).

Figure 4-1. Keno Hill Silver District Surface Water Sampling Stations

Table 4-1 Licenced Bellekeno 625 adit and Proposed Lucky Queen Adit Effluent Quality Standards

Parameter	Maximum Concentration in a Grab Sample (mg/L)
pH	6.5 to 9.5 pH Units
Suspended solids	25
Ammonia Nitrogen	5
Arsenic (Total)	0.5
Cadmium (Total)	0.01
Copper (Total)	0.1
Lead (Total)	0.2
Nickel (Total)	0.5
Radium 226	0.37 BQ/L
Silver (Total)	0.01
Zinc (Total)	0.5

Table 4-2 District Mill Licenced Effluent Quality Standards

Parameter	Maximum Concentration in a Grab Sample (mg/L)
pH	6.5 to 9.5 pH Units
Suspended solids	25
Ammonia Nitrogen	5
Arsenic (Total)	0.5
Cadmium (Total)	0.01
Copper (Total)	0.1
Lead (Total)	0.2
Nickel (Total)	0.5
Radium 226	0.37 BQ/L
Silver (Total)	0.02
Zinc (Total)	0.5

Table 4-3 Onek 400 Adit Proposed Effluent Quality Standards (consistent with Effluent Quality Standards in QZ06-074).

Parameter	Maximum Concentration in a Grab Sample (mg/L)
pH	6.5 to 9.5 pH Units
Suspended solids	25
Ammonia Nitrogen	5
Arsenic (Total)	0.5
Cadmium (Total)	0.05
Copper (Total)	0.3
Lead (Total)	0.2
Nickel (Total)	0.5
Silver (Total)	0.1
Zinc (Total)	0.5

4.2.4.2 Mine Adit Water Quality Changes

The thresholds for Bellekeno 625 adit, Lucky Queen 500 adit and Sign Post adit discharges that would be applied in order to determine if mine water source quality had been significantly altered:

- A monitoring pH concentration trend, 1.0 standard pH unit below historic average. A trend would be established comparing the prior month average to the historic average.
- A monitoring trend whereby there is an increase of two-times (2X) or more in conductivity (measured externally by an accredited lab) when compared to the average conductivity for the previous 24-months' water quality data prior to dewatering.
- Specific metals trends will be evaluated if either pH or conductivity trend has been triggered. Due to the nature of mining activities high concentration of suspended solids and metals found in the suspended solids are periodically expected as sumps are cleaned out or during dewatering changes; consequently metals concentrations will not be a primary trigger.

4.2.4.3 Responses to Changes in Water Quality

Responses to changes in water quality from treatment plants and changes in adits will be different to account for the level of control over the results of water quality, where treatment plants are actively managed, while a mine water quality is dependent on the native groundwater associated with veins, host rock, recharge, and other factors not directly under the control of the mine operator.

4.2.4.4 Responses to changes in Treatment Plants

If an adaptive management trigger associated with the treatment plants is identified as being triggered, the following steps will be performed:

- Notification to the Water Inspector that the trigger has been triggered within three working days.
- Investigation of the root cause of the exceedence.
- If a root cause of exceedence can be readily identified and remedied, the remedy will be implemented in a timely manner, and the water inspector notified of the remedy implementation in a timely manner according to permit requirements.
- If a root cause cannot be readily identified, a study plan will be outlined and communicated to involve qualified professionals to assist in the identification of the root cause.
- Water will be stored in underground sumps or the mill sediment pond to the extent practical to limit discharge until root causes have been identified and a solution implemented.

4.2.4.5 Responses to Changes in Mine Adit Chemistry

Monthly averages of pH and conductivity are considered good surrogate parameters to identify water quality changes that may affect the cost and feasibility of water treatment associated with the mine adits. If the trend analysis identifies specific changes then the following steps will be performed:

- Notification to the Water Inspector that the trigger has been triggered within three working days.
- Investigation of the root cause of the exceedence:

  Due to the nature of underground mine workings, inflows to different areas of the mine may be different than other areas. A screening level water quality study will be implemented using field pH and conductivity equipment to identify mine areas that may be contributing to the change in water quality.

  A review of recent mining practices and a study of specific rock lithologies in the area of recent mining activity will be performed to assess if the change is associated with specific rock types or if a mining practice could be associated with the change.
- If a root cause can be identified, plans will be implemented to manage the water quality, which may include modification of the water treatment plant design or operating approach.

4.2.5 Significant Changes in Water Quantity

The Bellekeno Hydrology Plan, and the Water Balance Report and Water Management Plans provide for a monitoring approach to identify water quantity and to determine if water quantity from the Bellekeno mine is showing long term trends that indicate sustained changes in water quantity. These Plans and Reports will be updated to include the Onek and Lucky Queen deposits. Short term temporary spikes in water quantity are to be expected as new mine areas with water transmissive features such as veins or fractures are encountered. The potential for even short term spikes in water quantity is not considered likely at either Onek or Lucky Queen, as the proposed mining areas are above the expected water table. However, if encountered, experience from the advanced development and initial mining activities show that the amount of water

associated with these initial drainage episodes is not significant, and in a short timeframe the water drains from the vein or fracture and the net contribution compared to the ongoing flow is minimal.

4.2.6 Monitoring Requirements and Specific Thresholds

The relevant flowmeter and totalizer that measures water quantity data from KV-42, the Bellekeno adit, is located just upstream of the rapid mix tank. The data from the flowmeter and totalizer will be downloaded on a frequent basis and analyzed monthly. The average daily totalized flow for each month will be compared with the trailing 24 months of water flow to establish trends and also to determine significant deviation from the trends.

A flowmeter and totalizer were installed at the Lucky Queen 500 adit in January 2012. The data from the flowmeter and totalizer will be downloaded on a frequent basis and analyzed monthly. A flow meter and totalizer will be installed in the Sign Post adit if discharge develops. At this time no discharge is anticipated as the Onek deposit as the underground workings will be developed above the groundwater table via a decline.

Two thresholds for determining significantly increased water flow are:

- If average flow from the adit for the month is significantly higher than the previous 24 months of flow data. This will be determined by comparing the current month flow with the 95% upper confidence level (UCL).
- If the water discharge from KV-43, the water treatment plant discharge, is within 10% of 864 m^3/day, which is the licence condition in WUL QZ09-092. KV-43 shows the net adit outflow, and will not be affected by changes in water recycle usage.
- The specific thresholds for the Lucky Queen and Sign Post adits will determined in the Final version of the Bellekeno, Onek and Lucky Queen AMP.

4.2.7 Responses to Changes in Water Quantity

If a significant increase in water quantity is determined by the statistical test or if 90% of the WUL water quantity discharge is observed, the following response actions will be taken:

- Notification to the Water Inspector that the trigger has been triggered within 3 working days.
- Investigation of the root cause of the exceedence:

  Due to the nature of underground mine workings, inflows to different areas of the mine may be different than other areas. A screening level water quantity study will be implemented using portable flow meter equipment such as portable flumes or a standard time to fill the bucket test to identify mine areas that may be contributing to the change in water quantity.
- If a root cause can be identified, plans will be implemented to manage the change in water quantity, which may include modification of the water treatment plant design or changing the mine operating approach such as increasing water recycle usage.

4.3 WASTE ROCK SEEPAGE EXHIBITS AML

As mentioned previously in Section 2.2 (Plans in Place) a number of plans are in currently in place with respect to waste rock management and monitoring. The efficacy of these plans has been demonstrated through advanced exploration, development and production at the Bellekeno Mine. Although Alexco has a high level of confidence in the ability of these plans to accurately predict drainage chemistry and accurately designate waste rock appropriately, the following sections pertain to the possibility for acidic or metal leachate (AML) to occur as a result of seepage or runoff though waste rock disposal areas or areas where waste rock designated as N-AML has been used as a construction material. In addition, seeps from historic (unsegregated) waste rock piles are also considered.

4.3.1 Description

Waste rock seeps/runoff will be monitored to determine if water quality is trending to AML conditions and an adaptive management response is required.

4.3.2 Locations

- An observed seep has historically been monitored below Bellekeno 625 (KV-44).
- Any seepage from works constructed or upgraded with N-AML material, which currently includes Bellekeno East and Bellekeno powerline roads. Other Bellekeno East waste rock management areas as defined in the Waste Rock Management Plan are also monitored for drainage or seeps.
- Any seepage from works constructed or upgraded with N-AML material proposed at Onek and Lucky Queen which includes: the extension of the waste rock disposal area at Lucky Queen and placement of the WRDA on the existing rock dump at Onek, and the North Side Bypass Road.
- Any other roads, facilities or structures built from N-AML material to be constructed under existing licenses.

4.3.3 Monitoring Requirements

Specific monitoring requirements for the Bellekeno 625 seep (KV-44) are outlined in QZ09-092). Monthly field measurements of pH, temperature and conductivity in will be taken between May and October, and flow at KV-44 will also be estimated. Samples will also be collected on an annual basis for KV-44 for the full suite of water quality analyses. Seep monitoring stations will be established at the proposed Onek and Lucky Queen WRDA's, and the North Side Bypass Road. These proposed N-AML constructed features will be monitored following the same frequency and parameters as mentioned above.

As per the Waste Rock Management Plan, any waste rock drainage or seeps observed between May and October will be monitored for estimated flow volume and basic field parameters of pH and conductivity. Evidence of sulphide oxidation such as snow melt areas or the presence of sulphide oxidations products will also be noted.

One geomembrane-lined lysimeter ≥5m^3 will be installed in the N-AML storage areas (adjacent to the Bellekeno power line road, Lucky Queen WRDA, Onek WRDA and the North Side Bypass Road) (when these facilities are constructed). Drainage volume will be monitored, with field parameters (pH and conductivity) measured on a monthly basis from May to October. Providing there is sufficient quantity of drainage, a full suite of water quality analyses will be conducted at least twice per year.

4.3.4 Specific Thresholds

Field measurements of pH and conductivity will be monitored to determine if the following specific thresholds have been breached due to AML:

- pH significantly declining between measurements or dropping below 7.0; and/or
- conductivity showing a significant increasing trend or conductivity above 2,000 μS/cm.

4.3.5 Approach to Responses

Initial responses to an observed waste rock seep or runoff trending to AML conditions can include further inspection of the waste rock source material to ensure that the rock types used for construction are acceptable and mitigative measures such as ditching, berming, or pumping water, rock removal or whatever alternative is required to prevent degradation to the quality of water nearby. A full suite of water quality analysis will be performed by an external laboratory to verify the accuracy of field measurements.

The location of seepage or runoff will be documented with photos and GPS.

Downstream or down gradient locations will be monitored to ensure that AML runoff does not eventually reach fish bearing waters. If water quality analyses indicate runoff does deposit metal loading into a fish bearing stream or creek, the initial response of ditching, berming, pumping or selective waste rock removal to prevent this would be implemented. Once the seepage/runoff is diverted or removed, measures would be taken to prevent the AML from occurring. This may include removing the material responsible for producing the AML runoff and transporting it to a P-AML Waste Rock Storage Facility, or installing a cover or water diversion system.

Weekly monitoring at the location trending to AML conditions would be implemented until seepage/runoff stops for two consecutive weeks or thresholds are not triggered for two consecutive months.

4.4 SLUDGE STORAGE AREA EFFECTIVENESS COMPROMISED

As mentioned previously in Section 2.2 (Plans in Place) a Sludge Management Plan is currently in place. The following sections pertain to the potential for the effectiveness of the Valley Tailings sludge storage area (the specific sludge storage area dedicated to Bellekeno-related sludge) to become compromised. Sludge storage in the DSTF will be evaluated by DSTF monitoring programs.

4.5 SEEPAGE OBSERVED NEAR SLUDGE STORAGE AREA

4.5.1 Description

Any seepage observed in the vicinity of the sludge storage areas will be monitored to determine if it is resulting from sludge deposition.

4.5.2 Locations

The Valley Tailings sludge storage areas will be routinely monitored for seepage.

4.5.3 Monitoring Requirements

Visual inspections will be conducted at the Valley Tailings Sludge Storage Cell when these facilities are in use. Any seepage will be documented and water quality assessed for pH and zinc.

4.5.4 Specific Thresholds

Any new identified seeps will be monitored and analyzed onsite for the pH and zinc thresholds:

- pH > 8.5 and zinc > 1.0 mg/L.

4.5.5 Approach to Responses

Seepage observed in the vicinity of the sludge storage areas will be documented with photos and monitored for flow, field pH and zinc. A full suite of water quality analysis will be performed by an external laboratory to verify the accuracy of field measurements. The flow path will be documented and an assessment of the down gradient environment conducted to determine if flow is reaching surface waters and whether or not they are fish bearing. If seepage is depositing a load into a fish bearing stream or creek, ditching, berming or pumping may be implemented to prevent this. Alternative sludge storage area would be assessed and use of the current one would cease.

The Sludge Management Plan would be revised to incorporate any new sludge storage areas and implemented.

4.6 SLUDGE STORAGE AREA APPROACHING CAPACITY

4.6.1 Description

Sludge storage areas will be monitored daily during use to ensure sufficient capacity.

4.6.2 Locations

The Valley Tailings Area Sludge Storage Cell.

4.6.3 Monitoring Requirements

Visual inspection of freeboard in Valley Tailings Sludge Storage Cell will be conducted when this facilities is in use.

4.6.4 Specific Thresholds

Freeboard is approaching capacity: 1.5 m. A minimum freeboard of 1.0 m below the decant point will be maintained.

4.6.5 Approach to Responses

Determine if there is seepage from the sludge storage area as per the visual inspection.

An investigation would be conducted of the ability to increase the facility capacity by increasing berm height for example.

Alternative sludge storage area would be assessed and use of the current one would cease.

The Sludge Management Plan would be revised to incorporate any new sludge storage areas and implemented.

4.7 PHYSICAL INSTABILITIES

The following sections pertain to potential physical instabilities that may be encountered in the Bellekeno, Onek and Lucky Queen Production Unit areas, though specific DSTF triggers will be discussed separately.

4.7.1 Area of Significant Subsidence is Observed

Subsidence can be observed as a result of slope failure or erosion, which could potentially affect the down gradient environment, particularly surface water. Slope failure could eventually result in a rock fall or landslide or lead to structure failure or portal collapse.

4.7.2 Locations

Throughout the Bellekeno, Onek and Lucky Queen Production Unit areas based on routine inspection throughout the property and as outlined in the Physical Inspection and Reporting Plan. The Physical Inspection and Reporting Plan will be updated to include Onek and Lucky Queen Production Unit areas.

4.7.3 Monitoring Requirements

Maintenance personnel will routinely observe subsidence, slope failure, or erosion in the course of their daily site activities. Routine inspections will be performed in accordance with the Physical Inspection and Reporting Plan.

4.7.4 Specific Thresholds

The specific thresholds that will initiate an adaptive management response include:

- A depression with defined edges is noted in the ground with the potential to create a public safety concern;
- A cave-in has occurred allowing access to the underground workings of a mine site;
- Break in soil/ slope creep/ sediment transport observed from physical structure with perceived potential to effect nearby structures or down gradient surface water.

4.7.5 Approaches to Responses

As per the general approach to the adaptive management plan, a staged response to an observed area of subsidence, slope failure or erosion will be implemented if the threshold is triggered.

The initial response to observing an area of subsidence, slope failure or erosion will be to prevent a hazard to public health and safety and minimize sediment transport to surface waters. This could include installation of barriers such as dykes or silt fencing or construction of diversion ditches or berms.

If necessary, physical removal or physical repair of structure will be performed to remediate it to a safe status. Access to the area would be limited using fencing, barricades, or signage to alert the public and other maintenance personnel to the danger that may exist.

If there are no underground workings in the area, then it is possible that the subsidence, slope failure or erosion would be due to liquefaction of soil near the surface and may not be a cause for concern. The break or depression will be filled in with soil and monitored to see if the subsidence, slope failure or erosion continues. If the subsidence, slope failure or erosion continues to appear after repair, then further investigation by a mining engineer may be warranted, particularly if there is a risk to the stability of a nearby structure. Any physical repairs to slopes or embankments would involve an assessment in consultation with a mining engineer before implementation.

The final stage will be to implement the repair at the area of the subsidence, slope failure or erosion and to monitor the area to watch for signs of continued subsidence, slope failure or erosion at or around the previously identified area.

4.8 ROCK FALL OR LANDSLIDE OCCURS WITHIN MONITORED AREA

4.8.1 Description

The deposition of waste rock in the Bellekeno, Onek and Lucky Queen Production Unit areas is being done in areas where engineering assessments were performed for suitability. However, it is possible that waste rock piles can possibly shift due to changes in foundation conditions. Even though it is remote or unlikely, a significant amount of material can potentially block access to a site.

4.8.2 Locations

Monitoring locations are throughout the area of the Bellekeno, Onek and Lucky Queen Production Unit areas in accordance with the Physical Inspection and Reporting Plan.

4.8.3 Monitoring Requirements

At a minimum the locations identified in the Physical Inspection and Reporting Plan, and other areas as observed by site operators. Maintenance personnel will routinely observe soil or earth movement in the course of their daily site activities.

4.8.4 Specific Thresholds

The specific thresholds that will initiate an adaptive management response include:

- A rock fall or landslide has blocked access to a previously monitored site.
- A rock fall or landslide has blocked access to a roadway previously used by the public.
- A rock fall or landslide has blocked or re-directed the flow of water of a documented stream or watercourse.
- Liquefaction of a waste rock pile foundation has caused waste rock to migrate closer to a watercourse.

4.8.5 Approaches to Responses

As per the general approach to the adaptive management plan, a staged response to the presence of a rock fall or a landslide will be implemented if a threshold is breached.

The initial response to observing a rock fall or a landslide will be to determine if it impedes on a right-of-way or a water flow path. If the debris impedes on a right of way, access to the area will be limited using fencing, barricades, or signage to alert the public and other maintenance personnel to the debris' presence.

The next stage of the response will be to examine the area to assess the possibility of further erosion of the originating slope. This task may require the services of a registered engineer. If warranted, a plan will be developed to prevent future erosion in the area.

The final step in the response to debris from a rock fall or a landslide impeding on a right-of-way will be to remove the debris, likely with heavy machinery, and transporting it to an isolated waste pile where the debris will not affect any watercourse or physical stability.

If the rock fall or landslide debris enters a watercourse, then water quality testing will be implemented. This will be done to determine if the presence of the rock in the water is contributing any metal loading to the water. If the loading in the water is found to be effected by the source material, then a mitigation plan will be developed and implemented in consultation with technical experts and regulatory agencies until such time as the debris can be removed from the watercourse, and water levels return to their historical norm.

If the metal loading is determined to be not affected by the source material, then no mitigation treatment plan will be necessary, and the debris can be removed from the watercourse.

The final stage will be to continue monitoring water quality at that location for a period of time until it is determined that the rock fall or landslide had no lingering effects on the water quality.

4.9 ROCK FALL OR LANDSLIDE OCCURS WITHIN MONITORED AREA

4.9.1 Description

The deposition of waste rock in the Bellekeno, Onek and Lucky Queen Production Unit areas is being done in areas where engineering assessments were performed for suitability. However, it is possible that waste rock piles can possibly shift due to changes in foundation conditions. Even though it is remote or unlikely, a significant amount of material can potentially block access to a site.

4.9.2 Locations

Monitoring locations are throughout the area of the Bellekeno, Onek and Lucky Queen Production Unit areas in accordance with the Physical Inspection and Reporting Plan.

4.9.3 Monitoring Requirements

At a minimum the locations identified in the Physical Inspection and Reporting Plan, and other areas as observed by site operators. Maintenance personnel will routinely observe soil or earth movement in the course of their daily site activities.

4.9.4 Specific Thresholds

The specific thresholds that will initiate an adaptive management response include:

- A rock fall or landslide has blocked access to a previously monitored site.
- A rock fall or landslide has blocked access to a roadway previously used by the public.

- A rock fall or landslide has blocked or re-directed the flow of water of a documented stream or watercourse.
- Liquefaction of a waste rock pile foundation has caused waste rock to migrate closer to a watercourse.

4.9.5 Approaches to Responses

As per the general approach to the adaptive management plan, a staged response to the presence of a rock fall or a landslide will be implemented if a threshold is breached.

The initial response to observing a rock fall or a landslide will be to determine if it impedes on a right-of-way or a water flow path. If the debris impedes on a right of way, access to the area will be limited using fencing, barricades, or signage to alert the public and other maintenance personnel to the debris' presence.

The next stage of the response will be to examine the area to assess the possibility of further erosion of the originating slope. This task may require the services of a registered engineer. If warranted, a plan will be developed to prevent future erosion in the area.

The final step in the response to debris from a rock fall or a landslide impeding on a right-of-way will be to remove the debris, likely with heavy machinery, and transporting it to an isolated waste pile where the debris will not affect any watercourse or physical stability.

If the rock fall or landslide debris enters a watercourse, then water quality testing will be implemented. This will be done to determine if the presence of the rock in the water is contributing any metal loading to the water. If the loading in the water is found to be effected by the source material, then a mitigation plan will be developed and implemented in consultation with technical experts and regulatory agencies until such time as the debris can be removed from the watercourse, and water levels return to their historical norm.

If the metal loading is determined to be not affected by the source material, then no mitigation treatment plan will be necessary, and the debris can be removed from the watercourse.

The final stage will be to continue monitoring water quality at that location for a period of time until it is determined that the rock fall or landslide had no lingering effects on the water quality.

4.10 SITE SECURITY COMPROMISED

4.10.1 Gate, Fence or Sign Damaged

In the Bellekeno, Onek and Lucky Queen Production Unit areas hazards to public safety exist. In order to alleviate these hazards, depending on the type of hazard and its accessibility, structures, gates, fences, or signs have been erected to prevent the public from entering these areas or draw their attention to the hazard.

Over the course of time, some of these deterrents may suffer damage or may degrade which impedes on their ability to perform as a safety deterrent. The most likely scenario is for the item to have fallen down, however, the items performance may have been degraded by weather erosion or possibly at the hands of vandals.

4.10.2 Locations

Throughout the Bellekeno, Onek and Lucky Queen Production Unit areas.

4.10.3 Monitoring Requirements

Since it is almost impossible to predict when or where a gate, fence, or sign will be damaged, there can be no specific monitoring requirements to observe these circumstances prior to their existence. The monitoring information required is observations of damage to any of these safety features throughout the Bellekeno, Onek and Lucky Queen Production Unit areas. Maintenance personnel will be familiar with the placement of gates, signs, and fences around the property and thus, during their routine site activities will be able to observe when one of these features requires attention.

4.10.4 Specific Thresholds

The specific thresholds that will initiate the action plan will be as follows:

- A gate is found open outside of a scheduled visit by authorised site personnel.
- A gate post is found to be damaged such that the gate is sufficiently disabled to prevent access to the site by authorised site personnel.
- A gate post is found to be damaged such that the gate no longer prevents unauthorised access to a site of concern.
- A fence is found to be damaged such that it no longer prevents unauthorised access to a site of concern.
- A fence or structure is found to be damaged such that it no longer prevents unauthorised access to a site of concern.
- The placard of a sign has been damaged either by environmental conditions or by vandalism such that the sign is no longer effective in relaying the information intended.
- A sign post has been damaged to an extent where the sign is in a position which renders it ineffective in relaying the information intended.

4.10.5 Approaches to Responses

As per the general approach to the adaptive management plan, a staged response to any one of the above circumstances will be implemented if the threshold is triggered.

The initial response to a gate being found open or a fence being damaged and allowing access to the site will first trigger an examination of the area in question in order to ascertain whether trespassers are in the

vicinity and may have initiated the condition of the gate or fence. If trespassers are found and do not appear to impose a risk to the site personnel, they will be cordially escorted off the property and the gate will be locked. If site personnel feel that there may be a risk in confronting the trespassers, then the appropriate authorities will be contacted immediately and requested to attend to the situation. If the lock on the gate has been damaged or tampered with, it will be replaced in a timely fashion.

If the gate is found to be damaged such that in no longer prevents unauthorised personnel from accessing a site, then the same measures above will be implemented. Once the trespassers have been escorted off site or the area is deemed to not contain any trespassers, the gate will be repaired or replaced in a timely fashion to ensure it will prevent access to the site by unauthorised personnel.

If the placard of a sign has been damaged either by environmental conditions or by vandalism, or the sign post is broken such that the sign is no longer effective in relaying the information intended, then maintenance personnel should note this at the time of observation and this information should be passed on to the project manager.

5 ADDITIONAL ADAPTIVE MANAGEMENT TRIGGERS FOR BELLEKENO, ONEK AND LUCKY QUEEN PRODUCTION UNIT AREAS

EBA Engineering Consultants (EBA) designed the Dry Stack Tailings Facility for Alexco. In September 2010, EBA developed the Operation, Maintenance, and Surveillance Manual (OMSM) for the Dry Stack Tailings Facility at the direction of Alexco for the Keno Hill District Mill. This manual will be referenced in response to some triggers.

5.1 HIGH PORE PRESSURE UNDERNEATH DSTF

Located beneath the DSTF is a Drainage Blanket. This feature provides drainage beneath the facility and will allow excess water, whether in the stack or freed from thawing permafrost, to drain away and not allow porewater pressures to build underneath and/or within the tailings.

According to the DSTF design, the drainage blanket will be constructed with gravel material obtained from excavation near the toe of the DSTF. The drainage blanket is then covered with a properly bedded geosynthetic clay liner to act as a collection layer for any seepage leaving the tailings stack. This material will help prevent tailings and tailings porewater and from infiltrating the coarser gravel material of the drainage blanket.

The OMSM contains an adaptive management plan which can be triggered if the tailings handling and disposition is not meeting critical performance objectives according to specific conditions. Close monitoring of the DSTF is critical in determining if and when action is required. Section 9.0 of the OMSM contains a surveillance plan that provides for adequate monitoring to determine if and when adaptive management is required.

Specific to the development of high pore pressures identified underneath the DSTF, the OMSM presents the following table that lists triggers as well as response actions:

Table 5-1 – High Pore Pressure Event

Taken from Table 14 of EBA's OMSM			
Provision	**Monitored Item**	**Triggers/Threshold**	**Action**
EBA Design Report	Groundwater Monitoring Wells	Tip @ 1.0 m or 1.7 m depth - Porewater pressure parameter (Ru) exceeds 0.15	Facility designer will review well data. Monitoring and review will be increased to semiweekly until determined unnecessary.
		Tip @ 1.0 or 1.7 m depth - Porewater pressure parameter (Ru) exceeds 0.25	Facility designer will review existing well data Facility designer will conduct a site visit and determine if tailings placement and/or construction plan requires modification Monitoring and review will be increased to daily until determined unnecessary. Facility designer will determine if additional instrumentation is required. Facility designer will complete analysis of mitigative measures should exceedance continue.

In the event that the above triggers occur, the Alexco staff will perform one or all of the listed actions to address the identified issue.

5.2 SIGNIFICANT EROSION OF EXPOSED DSTF SURFACES

The OMSM presents a management plan to ensure that the DSTF is managed to create compacted tailings, to limit run-on of surface water that could cause erosion, and also a plan to operate the DSTF in adverse conditions. The OMSM plan (pgs 22-23) states:

Potentially adverse conditions must be accounted for in the operation of the DSTF. These conditions, along with mitigative measures of dealing with them, are as follows.

- High Rainfall;
- Erosion control – grade control and compaction of tailings stack during construction to seal lifts and prevent pooling of water;

- Compaction – may require drying out material prior to achieving compaction. At the discretion of the Geotechnical Engineer, material requiring additional compactive effort will be moved to less critical areas of the DSTF; i.e. south portion of the placement area away from the ultimate tailings slope, if required;
- High snow accumulation;
- Removal prior to lift placements;
- Snow dumps will be sited to minimize any erosional impacts during thaw conditions;
- Freezing temperatures;
- Location of placement – east portion of placement area away from the ultimate tailings slope as compaction prior to freezing problematic;
- Compaction – must be completed prior to the tailings freezing;
- Tailings Characteristics (higher moisture);
- Location of placement – south portion of placement area away from the ultimate tailings slope; and
- Compaction – may require drying out material prior to achieving compaction. At the discretion of the Geotechnical Engineer, material requiring additional compactive effort will be moved to less critical areas of the DSTF; i.e. south portion of the placement area away from the ultimate tailings slope, if required.

The OMSM surveillance plan includes key parameters to determine if failure modes are occurring. A visual observation list includes (Section 9.3, pgs 27-28)

- Surface—cracking, bulging, depression, sinkholes;
- Seepage—new seepage areas, changes in seepage areas;
- Turbid water in the natural drainages around or downstream the facility;
- Water or tailings flowing down the stack indicating improper grading; and
- A failure or breach of a component of the facility.

Other routine monitoring required by the OMSM plan includes:

- Checking for settlement or holes in embankment crest or benches;
- Checking for holes on the surface of the tailings indicating possible piping of material to outside;
- Checking for dust;
- Measuring water levels in monitoring wells located in the foundation soils during operation;
- Measuring ground temperatures using cables in the foundation soils during operation;
- Surveying DSTF components—displacement of survey monuments;
- Measuring slope inclinometers located in the foundation soils;
- Water sampling of Christal Creek; and
- Recording Weather conditions.

Erosion is an adaptive management event which can be triggered if significant erosion of exposed DSTF surfaces occurs. Close monitoring of the DSTF is critical in determining if and when action is required.

Specific to these conditions, EBA has developed the following table that lists triggers as well as response actions:

Table 5-2 – Significant Erosion

Taken from Table 13 of EBA's OMSM			
Provision	**Monitored Item**	**Triggers/Threshold**	**Action**
Water Licence Q209-092	Tailings Runoff	Visible turbidity in runoff and/or excessive erosion evidence	Address runoff at source; report to Water Board within 60 days Apply appropriate runoff, erosion or sediment control measures

In the event that the above triggers occur, the Alexco staff will perform one or all of the listed actions to address the identified issue.

5.3 EROSION AT THE DISTRICT MILL DISCHARGE SITE

Discharge from the District Mill site is not anticipated to occur in the near future, as the size of the stormwater runoff pond has been oversized to provide for operational flexibility. When the discharge from the facility is designed, an adaptive management approach will be developed to account for erosion from this site. Specific elements of the design will allow for flexibility to spread out the discharge such that erosion can be prevented, or discharge will be adjusted to prevent continuous saturation of soils in the area of discharge.

5.4 TRANSPORT OF SEDIMENTS FROM MILL FACILITY TO CHRISTAL LAKE

Discharge from the District Mill Site is not anticipated to occur in the near future, as the size of the stormwater runoff pond has been oversized to provide for operational flexibility. When the discharge from the facility is designed, an adaptive management approach will be developed to account for erosion from this site. Specific elements of the design will allow for flexibility to spread out the discharge such that erosion can be prevented, or discharge will be adjusted to prevent continuous saturation of soils in the area of discharge.

5.5 LARGE DIFFERENTIAL SETTLEMENTS AT DSTF

Included in EBA's OMSM is an adaptive management plan which can be triggered if differential settlements within the DSTF surfaces occur. Close monitoring of the DSTF as outlined in Section 5.2 will be implemented to determine if and when action is required.

Specific to these conditions, EBA has developed the following table that lists triggers as well as response actions:

Table 5-3 – Large Differential Settlements

Taken from Table 14 of EBA's OMSM			
Provision	**Monitored Item**	**Triggers/Threshold**	**Action**
EBA Design Report	Survey Monuments and Slope Inclinometers	Displacements greater than 25 mm in any direction	Facility designer will review existing piezometer, temperature, and survey data. Facility designer will conduct a site visit and determine if tailings placement and/or construction plan requires modification. Monitoring and review will be increased to semiweekly until determined unnecessary. Alexco to complete survey of area of interest to monitor any future displacement, if any. Facility designer will determine if additional instrumentation is required. Facility designer will complete analysis of mitigative measures should exceedance continue.
Water Licence Q209-092	Toe runoff collection ditches, conveyance channel and water collection pond	Presence of abnormal cracking or failure	Report to general manager, take corrective action as required

In the event that the above triggers occur, the Alexco staff will perform one or all of the listed actions to address the identified issue.

5.6 LARGE DIFFERENTIAL SETTLEMENTS FROM DSTF TO STORMWATER COLLECTION POND

The development of large differential settlements along the conveyance flume from the DSTF to the District Mill Site collection and sediment pond will be identified and addressed through the same actions listed in Table 5-3 above.

5.7 EXCEEDENCE OF WATER QUALITY STANDARD IN RECEIVING ENVIRONMENT

Sitewide monitoring of the entire KHSD, and specific monitoring of the Bellekeno, Onek and Lucky Queen Production Unit areas is being performed in accordance with WUL QZ06-074 and WUL QZ09-092 and the plans referenced in Section 2.2.

In addition to the historic impacts of mining in the KHSD and the Bellekeno undertaking, placer mining on Lightning creek, deposition of waste in the Keno City municipal dump facility, and other non-mining activities has the potential to impact the receiving environment.

5.7.1 Descriptions

With respect to the Bellekeno undertaking, it is imperative to identify the impact of the discharges authorized under this licence with the existing discharges occurring in the KHSD and other human activities in the area. Consequently, site-wide monitoring information must be compared with water quality information collected and compiled for the Bellekeno, Onek and Lucky Queen Production Unit areas to assess the relative impacts of these various activities.

All data for current water sample stations required in the Bellekeno Mine WUL QZ09-092 and are stored in an EQWin database that allows water quality to be tracked at each site such that conditions can be identified at any point in the season. In this way parameters can be seen to be fluctuating from the normal, and reaching levels where management is required to respond. Set point triggers can be placed in the database so that response parameters are flagged for notification and action.

Comparison of all water quality information is routinely done and a variance report is generated on at least a quarterly basis for sitewide information that could identify sitewide trends.

5.7.2 Locations

Water quality is monitored from the Bellekeno water treatment facilities for potential effects to the receiving environment including loading of down gradient waters. As part of the Onek and Lucky Queen Deposit Production Project Proposal monitoring of the Lucky Queen 500 adit, Sing Post Adit and Onek 400 Treatment Plant discharge is proposed. These sites are shown inFigure 4-1. The district-wide AMP also identifies all other monitoring locations in the district.

5.7.3 Monitoring Requirements

All water quality information in the KHSD and the Bellekeno, Onek and Lucky Queen Production Unit areas will be analyzed for exceedences of CCME criteria, as well as variances with the previous 6 months of data at that location, which can assist in the determination of causes of water quality changes over time. All exceedences of water quality for licenced parameters will be compared with historic exceedences.

5.7.4 Specific Thresholds

Three cases to determine if a threshold has been exceeded:

Case 1: Sites that have a CCME exceedence will be flagged for additional analysis. If there is a long trend of exceedence at that site and the exceedence is within the 95% UCL for the last two years of data at that site, then no further action will be taken and it is assumed that the district-wide closure plan implementation will be the primary mechanism to improve the water quality at that site.

Case 2: If a new exceedence is detected in either the Lightning Creek or Christal Creek drainages, which are the two drainages where the Bellekeno, Lucky Queen or Onek undertakings deposit waste, and the mass loading from the Bellekeno, Lucky Queen or Onek undertaking is contributing less than 10% of the mass load for the constituent causing the exceedence, then no further action will be taken and it is assumed that the district-wide closure plan implementation will be the primary mechanism to improve the water quality at that site.

Case 3: If a new exceedence is detected in either the Lightning Creek or Christal Creek drainages, which are the two drainages where the Bellekeno, Lucky Queen or Onek Production Unit areas deposits waste, and the mass loading from the Bellekeno, Lucky Queen or Onek Production Unit areas is contributing to greater than 10% of the mass load for the constituent causing the exceedence, then further responses will be undertaken.

5.7.5 Responses to Changes in Receiving Environment Water Quality

Potential responses to Case 3 exceedences include the following:

- Notification to the Water Inspector that the trigger has been triggered within three working days.
- Increased sampling frequency may be required around the area of the exceedence will be implemented to help determine potential causes.
- Investigation of the root cause of the exceedence.
- If a root cause of exceedence can be readily identified and remedied, the remedy will be implemented in a timely manner, and the water inspector notified of the remedy implementation in a timely manner according to permit requirements.
- If a root cause cannot be readily identified, a study plan will be outlined and communicated to involve qualified professionals to assist in the identification of the root cause.

5.8 IDENTIFICATION OF GROUNDWATER QUALITY IMPACT AT THE DISTRICT MILL SITE, BELLEKENO, LUCKY QUEEN OR ONEK PRODUCTION UNIT AREAS

The Groundwater Monitoring Plan provides data that can be utilized to assess groundwater quality impacts associated with mining and milling activities. The existing Groundwater Monitoring Plan identifies two areas of the Bellekeno undertaking where groundwater monitoring will be carried out. The Groundwater Monitoring Plan will be updated to include the Onek and Lucky Queen areas where additional groundwater monitoring has been proposed.

5.8.1 Description

Groundwater in the vicinity of Keno City and the mill site flows in a north-westerly towards the Christal Creek. A network of shallow and deep groundwater monitoring wells is specified for the District Mill site in order to determine if there are any impacts to groundwater as a result of deposition of waste authorized by the Licence and also to determine if upgradient users may be influencing groundwater which flows toward the site (i.e. the Keno City dump). The District Mill Site is located upgradient of Christal Creek, so understanding any impacts to groundwater as a result of the undertaking is important to help determine any risk to Christal Creek. Although groundwater flow direction has been demonstrated to flow away Keno City towards the northwest, KV-84 in Keno City is also being monitored (See Section 5.9). The Groundwater Monitoring Plan will be updated to include the additional monitoring locations in the Keno City area downgradient of the Onek deposit.

The second groundwater monitoring location specified by the Groundwater Monitoring Plan is downgradient of the proposed N-AML Waste Rock Disposal Area along the north flank of Sourdough Hill to the west of the Bellekeno 625 adit. It is assumed that groundwater flow in this area follows surface topography and flows down slope towards Lightning Creek. Groundwater wells located below the toe of the N-AML Waste Rock Disposal Area will be used to determine if seepage from N-AML waste rock is having any impacts to downgradient groundwater quality, which might in turn, impact water quality in Lightning Creek.

The Groundwater Monitoring Plan will be updated for a third area near the Lucky Queen deposit to include monitoring downgradient of the N-AML Waste Rock Disposal Area. A groundwater monitoring well has been proposed downgradient of the N-AML waste rock disposal area shown on Figure 5-1.

5.8.2 Locations of Groundwater Monitoring Wells

Existing and conceptual groundwater monitoring wells at the District Mill Site, and Bellekeno, Onek and Lucky Queen Production Unit areas are shown on Figure 5-1.

Figure 5-1. Keno Hill Silver District Groundwater Monitoring Locations

5.8.3 Monitoring Requirements

Monitoring requirements for groundwater monitoring are described in the Groundwater Monitoring Plan. Quarterly measurement field parameters including water level and measurement by an external laboratory of suite of standard parameters including total ICP metals, dissolved ICP metals, ammonia, phosphorous, sulphate, DOC, and hardness is specified by the Licence.

5.8.4 Thresholds

A trend based approach using a minimum of 5 data points for each monitoring well will be used to determine thresholds and triggers for adaptive management. This approach is deemed to be necessary because of the high degree of local variability in local aquifers due to mineralization.

Monthly sampling will be undertaken for each new monitoring well until a minimum of 5 data points are available to provide a baseline for each monitoring well. After these data points are collected, for each well, sampling will revert to quarterly sampling as per the groundwater monitoring plan. The trigger for adaptive management would be:

- Exceedence of the highest baseline measurement for Zn for any parameter by a factor of 2x and;
- Sample result exceeds effluent quality standard for wells located within each drainage (Table 4-1 for Lightning Creek, Table 4-2 for Christal Creek).

5.8.5 Responses

- Notification to the Water Inspector that the trigger has been triggered within three working days.
- Increased sampling frequency may be required around the area of the exceedence will be implemented to help determine potential causes.
- Investigation of the root cause of the exceedence.
- If a root cause of exceedence can be readily identified and remedied, the remedy will be implemented in a timely manner, and the water inspector notified of the remedy implementation in a timely manner according to permit requirements.
- If a root cause cannot be readily identified, a study plan will be outlined and communicated to involve qualified professionals to assist in the identification of the root cause.

5.9 WATER QUALITY IMPACT TO KENO CITY WATER WELLS

The Groundwater Monitoring Plan provides data that can be utilized to assess groundwater quality impacts associated with mining and milling activities. In addition to addressing groundwater monitoring in the immediate vicinity of the District Mill Site, the Bellekeno Waste Rock Disposal Area, the Lucky Queen Waste Rock Disposal area and the Onek Production Unit areas, the Groundwater Monitoring Plan identifies groundwater sampling which will be undertaken within the townsite area of Keno City and will be updated to include additional monitoring locations in the vicinity of Keno City as identified in the Onek and Lucky Queen Project Proposal.

5.9.1 Description

Groundwater in the vicinity of Keno City and the mill site flows in a north-westerly towards the Christal Creek. Although groundwater flow direction has been demonstrated to flow away from Keno City towards the northwest, a well in Keno City is being monitored (KV-84) through WUL QZ09-092. Alexco, through part of the District Closure Planning, has installed several wells around Keno City for a groundwater study of the Keno City area (Figure 5-1) to better understand the potential impact of the Onek 400 adit discharge to the Keno City groundwater table.

Initial sampling as part of the Keno City Groundwater study has been reported in the Update:Keno City Groundwater Evaluation memo prepared by Interralogic, Inc. (2012).

5.9.2 Location of Groundwater Monitoring Well

Groundwater monitoring wells in the vicinity of Keno City are shown on Figure 5-1, including locations of the KV-84, ON-MW-01, KC-MW-1B, KC-MW-2, KC-MW-3, KC-MW-4 in addition to the private wells within Keno City.

5.9.3 Monitoring Requirements

Monitoring requirements for groundwater monitoring are described in the Groundwater Monitoring Plan. Quarterly measurement field parameters including water level and measurement by an external laboratory of suite of standard parameters including total ICP metals, dissolved ICP metals, ammonia, phosphorous, sulphate, DOC, and hardness is specified by the Licence.

5.9.4 Thresholds

A trend based approach using a minimum of 5 data points for the Keno City monitoring well will be used to determine thresholds and triggers for adaptive management. This approach is deemed to be necessary because of the high degree of local variability in local aquifers due to mineralization.

Monthly sampling will be undertaken for KV-84 until a minimum of 5 data points are available to provide a baseline for each monitoring well. After these data points are collected, for each well, sampling will and sampling will revert to quarterly sampling as per the groundwater monitoring plan. The trigger for adaptive management would be:

- Exceedence of the highest baseline measurement for Zn by a factor of 2x and;
- Sample result exceeds effluent quality standard (Table 4-1).

5.9.5 Responses

- Notification to the Water Inspector that the trigger has been triggered within three working days.
- Increased sampling frequency may be required around the area of the exceedence will be implemented to help determine potential causes.

- Investigation of the root cause of the exceedence.
- If a root cause of exceedence can be readily identified and remedied, the remedy will be implemented in a timely manner, and the water inspector notified of the remedy implementation in a timely manner according to permit requirements.
- If a root cause cannot be readily identified, a study plan will be outlined and communicated to involve qualified professionals to assist in the identification of the root cause.

6 REVIEW OF EXISTING MONITORING AND MANAGEMENT PLANS

A review of existing monitoring and management plans was performed to identify the effects of these plans on the adaptive management framework, and to identify the commitments for adaptive management already made. The following summarizes this review:

6.1 QML AND WUL PLANS

- Emergency Response Plan—No adaptive management plan elements.
- Hazardous Materials Management Plan—No adaptive management plan elements.
- Heritage Resources Protection Plan—No adaptive management plan elements.
- Monitoring and Surveillance Plan—Provides monitoring information for AMP, but only summarizes site-wide AMP.
- Noise Abatement Plan—No adaptive management plan elements.
- Spill Contingency Plan—No AMP elements.
- Traffic Management Plan—No AMP elements.
- Waste Management Plan—No AMP elements.
- Wildlife Protection Plan—No AMP elements.
- Sludge Management Plan—No adaptive management plan elements.
- Groundwater Monitoring Plan—Provides monitoring information for AMP, but no specific AMP commitments.
- Tailings Characterization Plan—No adaptive management plan elements.
- Dry Stack Tailings Facility Design Report—no adaptive management plan elements.

6.2 PHYSICAL INSPECTION AND REPORTING PLAN

In section 5.2, pgs 5-6 of the Physical Inspection and Reporting Plan, the following commitments were made:

6.2.1 Inspection Checklists

Inspection checklists will be filled out on a weekly basis to ensure structural integrity of mine components and that runoff and discharge is being appropriately managed (see Appendix I). The following rating system will be used in the field reporting to evaluate the structural integrity of the areas to be physically inspected:

- Excellent “As New” Condition.
- Good System or element is sound and performing its function; although it shows signs of use and may require some minor repairs, mostly routine.

- Fair System or element is still performing adequately at this time, but needs "priority" and/or "routine" repair to prevent future deterioration and to restore it to good condition. A fair rating will be reported to site manager after the inspection.
- Poor System or element cannot be relied upon to continue to perform its original function without "immediate" and/or "priority" repairs. A poor rating will be reported to site manager after the inspection. The site manager will then be responsible to immediately re-ascertain whether or not the system or element is safe for use for the next 24 hours.

If issues are identified during the weekly inspections of structures, works and installations (e.g. waste rock storage area, overburden stockpiles, embankments, diversion ditches, sediment ponds, and pipelines) the site manager will be informed immediately and the appropriate mitigative measures will be implemented. An inspection by a qualified geotechnical engineer would be undertaken for physical stability if necessary. Additional erosion and sediment controls may also need to be implemented as required. If fair or poor conditions are noted during an inspection, NND will be notified of the details and of any planned mitigative action.

If geotechnical inspections are required, they will be carried out during the summer months when the surface and sides of the various rock-fill structures are not obscured by snow.

6.3 BELLEKENO 625 WATER TREATMENT SYSTEMS OPERATIONS MANUAL

In Section 8 of the Water Treatment Systems Operations Manual, the following selection identifies the contingency plans and system flexibility associated with the treatment operation.

6.3.1 Future Improvements

One of the challenging aspects of processing water from inflows to the Bellekeno underground mine is that TSS and ammonia / ammonium spikes in the discharged water can occur based on variable underground conditions.

To address these issues, AKHMC is currently researching additional modifications to improve the water treatment system's responsiveness and flexibility to address potential spikes in detrimental water quality parameters. An example of these improvements is a pilot study evaluating the use of an inorganic resin specifically designed to remove ammonia / ammonium from water.

6.3.2 Ion Exchange System – Ammonia Reduction Pilot Study

In October 2010, AKHMC placed a portable treatment system at the Bellekeno 625 consisting of a small shed near the sea containers containing two tanks filled with an inorganic resin and gravel. These tanks were plumbed for water to flow between the tanks in series before final discharge back into the pond. This system is similar to the MMF system except that instead of a multi-layered media bed used to capture fine solids, the media bed is replaced with an ion exchange resin that preferentially removes ammonium, potassium, and cesium. Like the MMF system, water enters at the top of a tank and then flows downward through the resin.

As water passes through this resin, ions (especially ammonium) are sorbed onto the resin thereby removing them from the water.

Once the resin has been in service for a certain amount of time (typically a few days to a few weeks), breakthrough can occur where the resin becomes saturated and ammonium ions are no longer collected. When this happens, the ion exchange system must complete a regeneration cycle during which brine consisting of 10% sodium chloride in water is pumped into the resin tank being regenerated.

This brine must contact the resin for a minimum of 30 minutes in order to desorb the ammonium that has sorbed onto the resin, thereby recharging the resin for future use. Once the brine solution has contacted the resin for the required time, it is pumped from the ion exchange tanks into a large holding tank and the system can be used again for treatment. The brine can be regenerated by off-gassing ammonia at high pH, or by reaction with hypochlorite.

As a result of the successful pilot study AHKMC has designed and is in the process (March 2012) of installing an ammonia removal system at Bellekeno 625. A similar system could also be installed at other treatment sites for ammonia if encountered.

6.3.3 Clarifier

AKHMC is also considering the addition of a clarifier or other similar enhanced suspended solids removal technology at the Bellekeno 625 water treatment facility, and similar approach is also being evaluated for the Onek 400 water treatment plant design. Clarifiers are currently in use at other adits within the Keno Hill Silver District that require active treatment and to date they have been very successful. Water passing through a clarifier is typically processed with the following steps:

Static Mixing- Chemicals (polymer and lime solution) may be added upstream of a static mixer, after which water flows into the flocculation tank.

Flocculation – The water passes sequentially through a two stage mechanical flocculator. Variable-speed drives on each paddle permit a wide variation in energy input and allow tapered flocculation to optimize floc formation.

Settling - The settling clarifiers currently under consideration are an up-flow solids contact unit complete with 60° settling tubes. The flow enters the bottom of the settler through a full length distribution manifold, and then passes upward as laminar flow. Heavier floc particles settle to the floor of the tank and lighter particles are retained within the tube settlers, coalesce into larger floc, and then settle to the floor. Clarified water is collected from the surface of the tank through two, full length collection launders. The tube settlers are fabricated out of light resistant polystyrene. The tube cell size and angle ensure self cleaning under normal operation. A sludge blanket is maintained in the lower portion of the clarifier and its position can be monitored through sampling valves installed in the cell wall. The lower portion of the tank has a sloped, “V” section to encourage sludge thickening and collection in the central hopper. Periodically, this sludge must be removed hydraulically through a full length, perforated sludge collector located at the foot of the “V”. The

desludging operation may be controlled automatically by timer controlled operation of an actuated valve programmed into the plant Process Logic Controller (PLC).

It is this formation of heavier floc particles and coalescence of lighter flocs into larger heavier flocs described above, that differentiates the clarifier from an open pond. Although additional retention time in ponds would provide increased settling, the mechanics of floc formation do not occur in an open pond as efficiently as the clarification provided in the tube settlers of a clarifier. It is for this reason that the installation of a clarifier at Bellekeno 625 is under consideration.

6.3.4 Organic Polymer

In the future, ERDC may consider the addition of an organic polymer at the rapid mix tank to aid in flocculation. The polymer would be injected after the pH has been adjusted with the expectation that it would attach to the metal hydroxide particles and improve settling. When the polymer is added, the hydroxide particles become entangled in the long chains of the polymer, causing the particles to increase in size and form flocs. As the flocs increase in size they become heavier and settle more quickly to the bottom of the pond. This floc formation is illustrated in the figure 6-1 below (University of Maryland, Engineering Research Center Report):

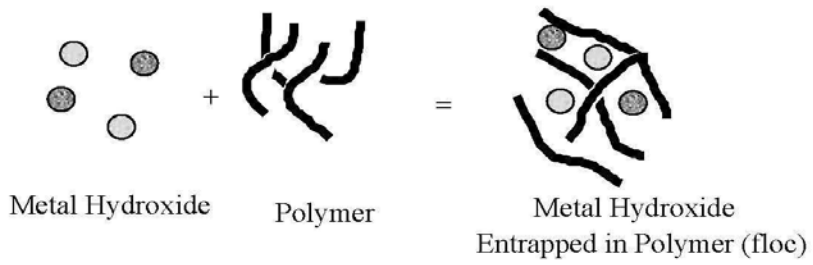


Figure 6-1. Floc Formation

If an organic polymer is used in the future, it would be stored in the treatment shed and added into the rapid mix tank via a small metering pump.

6.4 WATER MANAGEMENT PLAN AND WATER BALANCE REPORT

The water management plan and water balance report provides the following with respect to adaptive management of the Bellekeno Mine. The Water Management Plan will be updated for the Onek and Lucky Queen Production Unit areas. Quote from Water Management Plan and Water Balance Report, pgs. 23-25:

6.4.1 Contingency Plans

Contingency plans for flood or drought conditions have been considered to ensure unexpected climatic conditions do not adversely affect mine/mill operations or result in significant environmental impact.

6.4.1.1 Drought Conditions

The current make-up water requirements at the mill are approximately 30,000 liters/day (0.35 L/s). This makeup water requirement is less than 5% of the combined flow emanating from Galkeno 900 and Bellekeno 625. The makeup water requirements at the mill also represent a very small portion of the Christal Creek drainage which has its headwaters near the mill site location. Given the relatively small volume of make-up water compared to current source levels, a reduction in make-up water available for mill operations due to a drought condition does not represent a concern from an operational standpoint and therefore no unique contingency plans are in place for a drought scenario.

The Bellekeno Mine produces excess water that must be collected and treated. Although the Bellekeno Mine produces approximately 4 L/s of constant discharge, only about 50% of the mine recharge volume is required for mine development and operations (equipment, paste backfill). The amount of water required to sustain mine operations is a small portion (1-2%) of the flow at Lightning Creek where mine makeup water is currently permitted for withdrawal. Similar to the mill makeup water requirements, a drought scenario does not represent a current operational concern for the Bellekeno Mine and a contingency plan is currently not in effect.

6.4.1.2 Flood Conditions

High flow or flood conditions at the mill do not necessarily pose an extreme case from an operational perspective as the mill site water management design already incorporates ditching and pond volumes based on extreme precipitation events (design capacity in excess of 1:100 year event). In addition, the mill site location is situated with a very small, headwater drainage basin (<3 km^2), effectively minimizing the potential for flooding conditions. In the case of a flood event, active milling operations may be temporarily suspended to ensure operations personnel and equipment are appropriately allocated to managing and maintaining ditches and conveyance structures until the peak flows have decreased to normal levels.

6.4.1.3 High Mine Inflow Conditions

Contingency and response plans for high or unexpected underground mine flows fall under the protocols of the company's emergency response plan.

The first priority in a high mine inflow condition is the safety and protection of the employees and contractors working underground at Bellekeno. If the water in-rush was of a nature that required immediate evacuation, the specific protocols for mine evacuation would be initiated by the Mine Manager or his designate (Section 8, Keno Hill Emergency Response Plan).

Once the safety of underground employees and contractors have been established, the nature of the water in-rush would be immediately investigated by the General Manager or his designate. Securing underground facilities and infrastructure would become the next priority after employee safety. Depending on the nature and level of the mine flow in-rush or high flow condition, a determination would be made if mobile equipment needed to be removed from certain levels and locations in the mine and brought to surface or to the central

decline. Electrical utilities and infrastructure would be assessed to determine if areas of the mine needed to be isolated or removed from electrical power distribution.

The cause and extent of the high mine water flow condition would then be assessed by the General Manager, Mine Manager and other specialist positions on the site (i.e. Chief Engineer) to determine if the extent of the high mine flow was expected to continue or if flow conditions are expected to recede. Based on the level of high mine flow, the rate of dewatering would be increased to the maximum levels permitted in order to reduce the volume of mine pool. Standby pumps would be established if necessary to increase the volume of water being pumped from the underground mine. The Bellekeno 625 water treatment plant is permitted and capable of treating 10 L/s which is approximately double the current steady state flow conditions of the Bellekeno Mine. If the volume required for dewatering were to exceed permitted levels or if the Bellekeno 625 water treatment plant was not meeting discharge standards due to high sustained flows, the appropriate regulatory agencies would be contacted and consulted. If necessary, consideration would be given to applying for an Emergency Amendment under QZ09-092 to manage the high inflow conditions if all other measures were not effective.

7 REFERENCES

Interralogic, Inc. (March 27, 2011). Update: Keno City Groundwater Evaluation – Technical Memorandum. Prepared for Access Consulting Group.

Appendix R

Humidity Cell Analysis

KINETIC TEST PROCEDURE – HUMIDITY CELL

Humidity Cell Preparation

1.0-1.5 kg of crushed (minus 1/4") solid sample is typically used in the humidity cell. The cell is made of clear plastic with a diameter of 7 inches. The air is forced over the top of the solids. For requested alterations please inform the Humidity Cell Account Manager.

Weekly Maintenance

Humidity Cells are on weekly cycles that alternate between the circulation of dry air and wet air over the samples to emulate the environment. Although this cycle can continue for 40 weeks or more, ALS Laboratory Group provides customized cell cycles to suit client-specific needs.

Leaching Process

Leaching is performed on a weekly basis. The first weekly leach uses 750mL de-ionized water while all subsequent leaches use 500mL. After the addition of the de-ionized water the solids are slowly stirred for a minute. After at least 2 hours of contact, the leachate is collected at the bottom of the cell. The leaching process includes filtering through a 0.45micron membrane filter prior to analysis.

Leachate analysis

Filtrates are analyzed the same day for pH and Conductivity. Other analyses that are usually done include Alkalinity, Acidity, Sulphate and a metals scan. The suite of analyses for humidity cells may vary and additional analysis are available upon request. Please communicate your required analytical suite prior to the set-up of the Humidity Cell(s).

Cell Closedown

Cell closure is done the same day as the final leach of the cell. An extraction procedure (3:1 water:solid ratio) on the cell residue followed by the same suite of analysis as listed in this quote is optional. Please inform the Humidity Cell Account Manager if you require the additional extraction procedure.

References

Guidelines and Recommended Methods for the prediction of Metal Leaching and Acid Rock Drainage at Minesites in British Columbia. Dr. William A. Price.

ASTM D5744-07 – Standard test Method for accelerated Weathering of Solid Material Using a Modified Humidity Cell.

Please note that ALS Vancouver uses procedures adapted from the above two references. Please contact us if you require more details on our humidity cells.