

YMEP Project 14-030
Target Evaluation – Hard Rock
Final Report

2014 SOIL GEOCHEMICAL, GEOPHYSICAL AND
RAB DRILLING REPORT

on the
KING SOLOMON PROPERTY
Property under Option to Pacific Ridge Exploration
with a Sub-option to Centerra Gold Inc.

Claim Sheet No 1150/14 and 15
Latitude 63° 54' 44" N, Longitude 138° 58' 09" W
Dawson Mining District, Yukon

For Field Work Performed between August 26 and October 31, 2014
by Centerra Gold Inc.

Report by
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December 15, 2014

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SUMMARY

The King Solomon Project (the “Project”) was acquired, under the terms of an option-to-earn agreement, from Shawn Ryan and Wildwood Exploration Inc. dated May 8, 2013 (Crown Jewel, King, Prince and NPrince claims – “King Solomon Property”) and a second option agreement from 39242 Yukon Inc. dated June 24, 2013 (Sophie claims – “Sophie Property”)(collectively the “Properties”), giving Pacific Ridge has the right to earn a 100% interest in the Properties by making payments and issuing shares to the vendors and by completing specified exploration work. On September 11, 2014, Pacific Ridge entered into an agreement with Centerra Gold Inc. (“Centerra”) whereby Centerra can earn a 70% interest in the Properties by making staged cash payments and completing specified exploration work. The Properties include 372 claims, covering an area of approximately 8,000 ha.

The Project is located 24 km southeast of Dawson City and approximately 500 km northwest of Whitehorse, Yukon, in the Dawson Mining District, NTS 115O/15 and centred at UTM 599000E, 7083000N, NAD 83, Zone 7. The Project is road accessible at the top of the Hunker Creek road, approximately 44 km from Dawson City. King Solomon Dome, lying within the unglaciated Klondike Plateau, is the highest of the domes in the Klondike Gold District and has often been suggested as a key bedrock source area for much of the Klondike gold.

Following the discovery of placer gold in the Klondike in 1896, much effort has been directed toward discovery of the lode gold source. A number of quartz veins with gold mineralization were prospected in the area of the Properties and the Hunker Summit in the early 1900’s. During the 1950’s through to the 1980’s, a number of companies including YCGC, Orekon, Cominco, Dawson Eldorado, Hughes Lang and United Keno Hill Mines carried out exploration programs that included prospecting, geological mapping, geochemical and geophysical surveys and trenching, but no record that drilling was carried out. Much of this work was focused around the Sheba gold occurrence near the Hunker Summit.

Shawn Ryan originally acquired the King Solomon Property in 2004 and has added to the claims in subsequent years. During the period 2006 to 2012, Ryan collected 5,838 soil samples from a number of grids throughout the property. The King Zone soil anomaly was first defined as a significant target by the 2007 exploration program. During the same period, Barramundi Gold carried out localized surface exploration on the Sophie Properties. There has been no recorded drilling on the Properties.

The Project lies entirely within the accreted Yukon-Tanana Terrane (YTT). In the area of the Project, the YTT is dominated by three distinct metamorphic assemblages, including the Late Devonian to Early Mississippian Nasina assemblage (carbonaceous metaclastic rocks), the late Paleozoic Slide Mountain assemblage (greenstone and serpentinite) and the Middle to Late Permian Klondike Schist assemblage. Associated meta-intrusive rocks include quartz-feldspar augen schist and quartz monzonite orthogneiss. Sheet-like bodies of Carboniferous ultramafic rocks occur primarily to the northeast, but are also evident within the Klondike Gold Fields.

The majority of the Klondike Gold Fields, including the area of the Project, are underlain by Klondike Schist, consisting of greenschist facies mafic and felsic metavolcanic rocks, now variably pyritic muscovite and quartz-mica schists and chlorite (+/- actinolite, epidote & Fe carbonate) schist. This assemblage also includes intrusive equivalents of the volcanic rocks and local non-carbonaceous siliciclastic rocks.

Peripheral to the Project, the Klondike Schist is over-thrust by Dawson Ophiolite Assemblage. In some areas an alteration assemblage of carbonate-sericite-pyrite or sericite pyrite altered quartz–muscovite-chlorite schist occurs at the base of the ophiolite thrust sheet. A feldspar ± quartz porphyry dyke is mapped on the northwestern King claims. A thin slice of transported ophiolite ultramafic rocks, possibly of Carboniferous age, is exposed near the eastern boundary of the Project. A similar unit is mapped on the Project along Gold Bottom Creek. Outcrop is limited on the Project, comprising less than 5%, and is generally confined to rounded ridge tops and road exposures.

Reconnaissance and grid soil sampling by Shawn Ryan and Pacific Ridge, during the period 2004 to 2013, has resulted in the collection of 6,320 samples in several areas. This work has focused the current work program on the KSD South Target area (3,191 soil samples), a strong gold soil anomaly that can be divided into four zones, The King Zone, the King Zone SE, the Prince Zone and the North Zone.

In 2013, Pacific Ridge further evaluated the KSD South Target using innovative exploration techniques developed by Shawn Ryan and Ground Truth Exploration, specifically for this challenging, unglaciated environment that is characterized by very little bedrock exposure. This work included 20 lines, each of 420 m length, of high resolution IP/resistivity surveys followed by deep penetrating, close-spaced Geoprobe® soil and rock sampling, collecting 124 samples at 5 m spacing along 10 lines (Carlson, 2013).

The 2014 program, carried out by Centerra between August 26 and October 31, 2014, included the collection of 606 soil samples to fill in the southern portion of the KSD South Target, 93.6 km of continuous mag surveying on 100 m spaced lines over the entire KSD South Target, 12 lines of extended (840 m), high resolution IP/Resistivity surveying over the King and Prince zones and 918 m of rotary air blast (RAB) drilling in 17 holes over the King zone.

The 2014 soil survey, extending the existing soil grid to the south, outlined a potential extension of the King Zone to the southwest, as well as a string of anomalous gold values to the south of the King and King SE Zones. The magnetometer survey provided high definition resolution of northwesterly trends that reflect both stratigraphy and structures and east to northeasterly trends that reflect cross structures. In particular, an east trending magnetic low that correlates with gold in soils and RAB drill cuttings at the King Zone may be a reflection of magnetite destruction by hydrothermal fluids controlled by a fault zone. The IP/Resistivity survey confirmed and extended the detailed, near surface patterns of resistivity and chargeability that appear to delineate cross-cutting structures and associated mineralization.

The RAB drill program successfully intersected a number of higher grade gold values within broad, low grade gold intervals at the King Zone. This mineralization appears to correlate with the core of the King Zone gold soil anomaly, the north edge of an east-west trending magnetic low and a steep dipping chargeability low surrounded by high chargeability and a weakly defined resistivity low with a narrow, higher resistivity core. Unfortunately, the penetration depth of the RAB drill was limited by the water table, so a number of the holes were not completed to target depth.

The RAB drilling has confirmed bedrock gold mineralization beneath the King Zone gold soil anomaly that is likely structurally controlled and associated with silicification, possible quartz veining and pyrite mineralization. Due to the limitations of the RAB drill, core drilling is recommended a next step to evaluate the King Zone, with two or three sections of two drill holes each. Two core holes are also recommended to test the high grade silver-gold portion of the Prince Zone.

INTRODUCTION

The King Solomon Project (the “Project”) was acquired, under the terms of an option-to-earn agreement, from Shawn Ryan and Wildwood Exploration Inc. dated May 8, 2013 (Crown Jewel, King, Prince and NPrince claims – “King Solomon Property”) and a second option agreement from 39242 Yukon Inc. dated June 24, 2013 (Sophie claims – “Sophie Property”)(collectively the “Properties”), giving Pacific Ridge has the right to earn a 100% interest in the Properties by making payments and issuing shares to the vendors and by completing specified exploration work. On September 11, 2014, Pacific Ridge entered into an agreement with Centerra Gold Inc. (“Centerra”) whereby Centerra can earn a 70% interest in the Properties by making staged cash payments and completing specified exploration work. The Properties include 372 claims, covering an area of approximately 8,000 ha.

This report describes an exploration program carried out by Centerra between July 3 and October 31, 2013 and supported by YMIP project 14-030. Initial work included soil sampling, with the collection of 606 samples, over the southern portion of the Sophie Property, a ground magnetometer survey of 93.6 line km, on 100 m spaced lines, covering the entire KSD South Target area and 12 lines of extended array (840 m) high resolution IP/Resistivity surveys over the King Zone and Prince Zone anomalies. This was followed by 918 m of RAB drilling in 16 holes, again over the King and Prince Zone anomalies.

The primary purpose of the 2014 exploration program was to extend and more fully define specific gold anomalies within the KSD South target area, including the King, Prince and King SE zones, and to then test the near surface bedrock expression of these zones with Ground Truth Exploration’s portable rotary air blast (RAB) percussion drill. Total project expenditures amounted to \$176,348.83, as detailed in Appendix I.

The report describes the Project and its geological setting and exploration history, followed by a detailed description of the work carried out. This is followed by an interpretation of the results achieved and a recommendation for further work.

LOCATION, ACCESS AND PHYSIOGRAPHY

The King Solomon Project is located 24 km in a direct line southeast of Dawson City and approximately 500 km northwest of Whitehorse, Yukon, in the Dawson Mining District, NTS 1150/15 and centred at UTM 599000E, 7083000N, NAD 83, Zone 7 (Figures 1 & 2).

Access

The Project is road accessible from Dawson. To reach the Project, travel for 11 km along the paved Klondike Highway to the Hunker Road turn-off and then along the good quality gravel road for 26 km to Hunker Dome, then westerly for an additional 7 km, past the Dominion Creek and Sulphur Creek roads and King Solomon Dome to the northern edge of the King Zone soil anomaly. Dawson City is located approximately 520 km from Whitehorse north and northwest along the Klondike Highway.

The main zones of interest on the Project, the King Zone and the Prince Zone, within the southern extremity of the King Solomon Property, are within 1 km of the Hunker Creek Road, while lower or northern and central parts of the King Solomon Property are accessible from the Hunker Creek road up the Gold Bottom Creek access road. The Sophie Property is accessible from the Hunker, Quartz Creek and Sulphur Creek roads. The major valleys (Hunker Creek, Quartz Creek, Sulphur Creek) have summer maintained graded roads linking with the Klondike Highway. Access roads to the upper reaches of Gold Bottom, Sulphur and Quartz Creeks are mostly maintained by placer miners, while many ridges are traversed by four wheel drive trails.

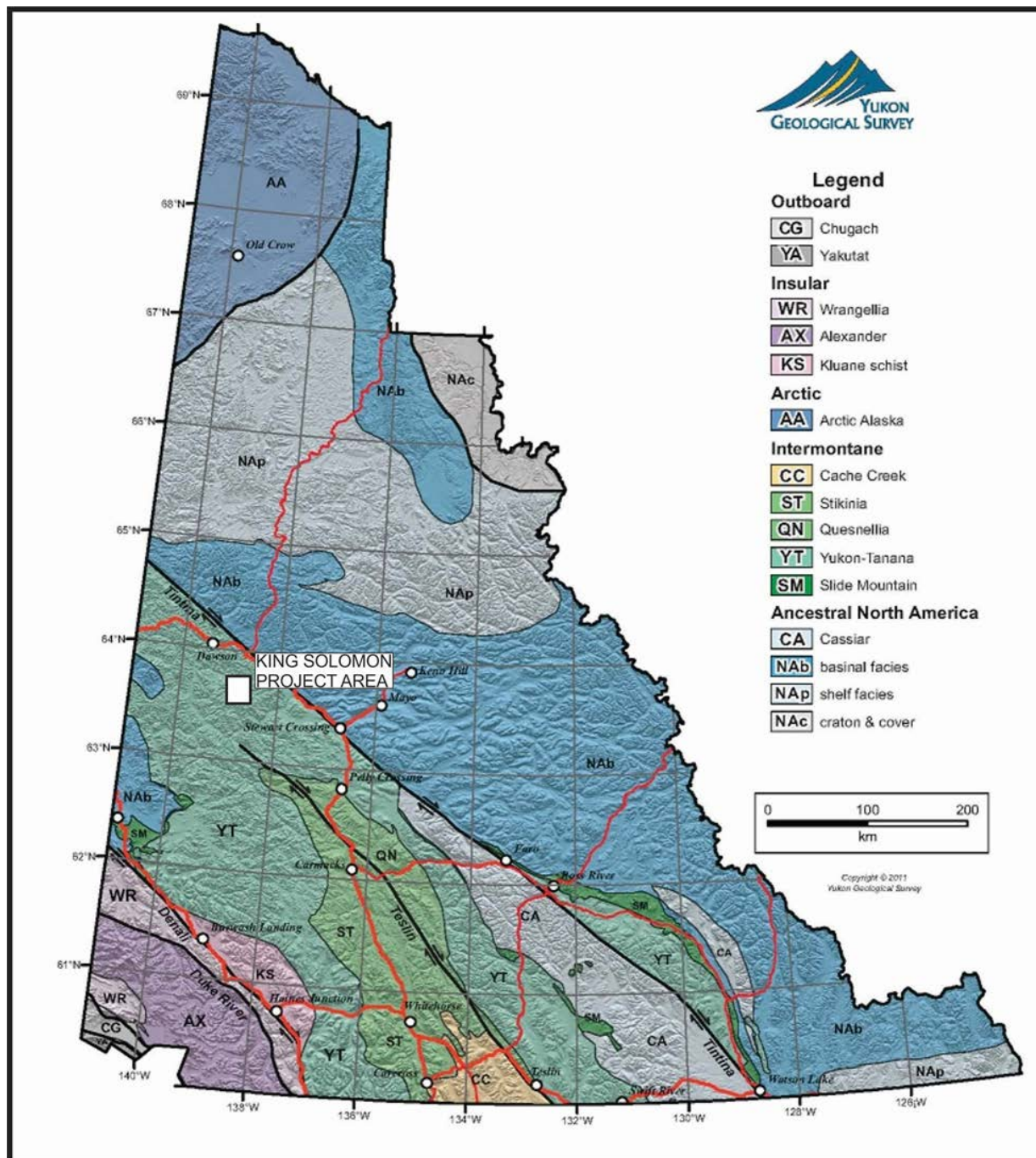


Figure 1 - King Solomon Project - Yukon location sketch.

Physiography

The Project lies within the unglaciated Klondike Plateau portion of the Yukon Plateau. The topography is moderate, with low sinuous plateaus cut by narrow valleys and creeks that drain into the broader flat-bottomed valleys of Indian River and Klondike River. These drainages are lined with gravels of past and present placer mining workings. Elevations in the area range from 500 m at the north end of the Project to 1158 m at King Solomon Dome, the highest point in the Klondike region.

The Klondike Gold Fields have been subject to prospecting and placer mining activity since 1986. Most of the area of the Project and environs has been denuded of large timber, used for underground mining or for steam generation or by forest fires. Second growth spruce and poplar trees are found on south-facing slopes while the north-facing slopes are sparsely treed with dwarf spruce. Permafrost is intermittent and is limited to north-facing slopes and valley bottoms.

There is less than 5% outcrop exposed on the Project. In the areas of the current exploration work, on the southwest side of the upper slopes of King Solomon Dome, overburden ranges from 2 to 6 m in depth. Much of the central Yukon is covered by a thin blanket of volcanic ash and tephra that resulted from recent eruptions in Alaska.

The climate is sub-arctic, with relatively low annual precipitation of approximately 30 cm. Freezing temperatures and snow limit the field season from late May to October. Temperatures can drop to -40°C during the winter, while summer daytime temperatures generally range from 10°C to 30°C, averaging 23°C with lows of 8°C in July. Summer rainfall is variable and unpredictable, with thunderstorms often causing significant forest fire during hot, dry summers.

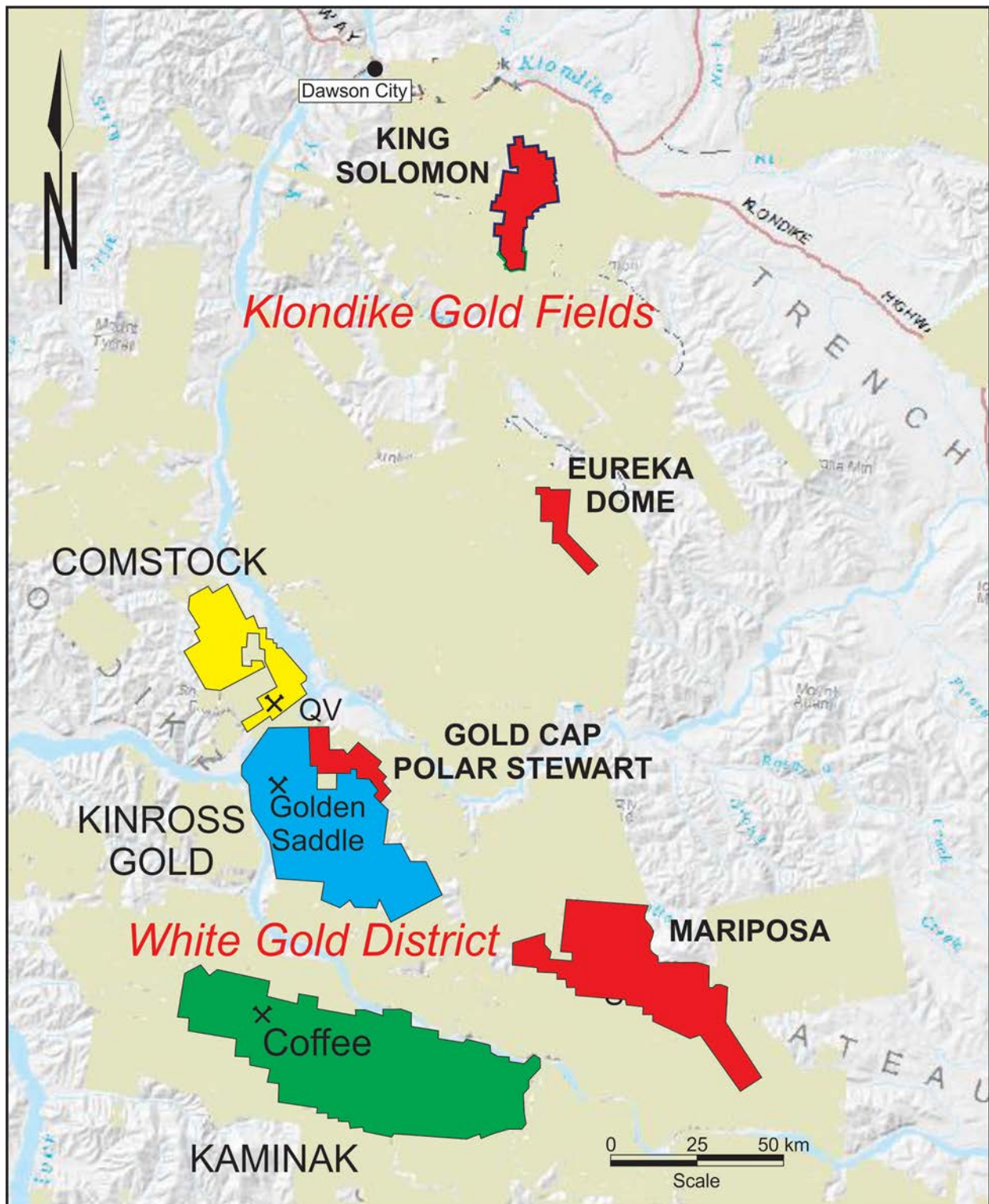


Figure 2 - King Solomon Project - Klondike and White Gold Districts.

CLAIM STATUS

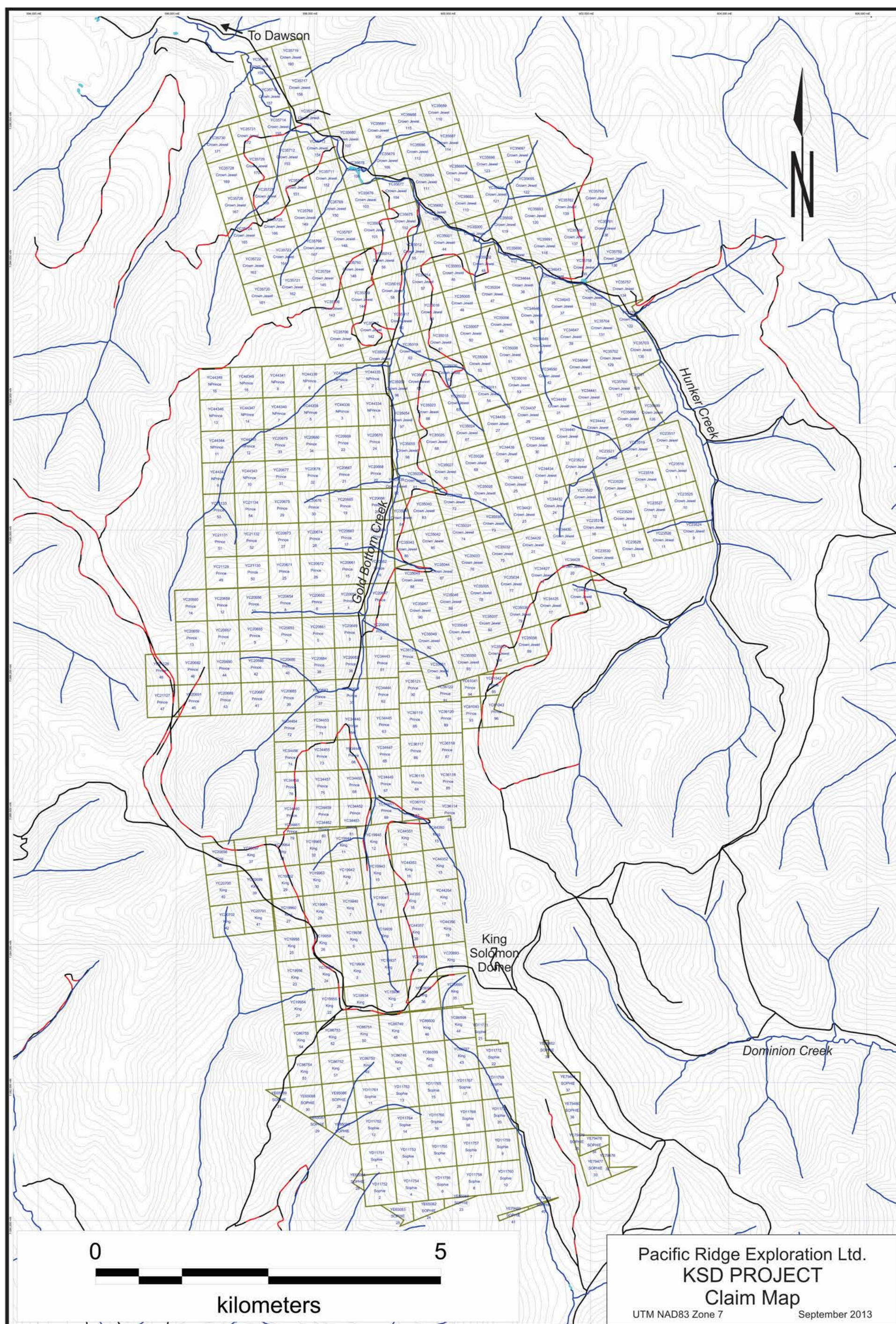
The Project consists of 372 claims that were acquired under the provisions of two separate option agreements, summarized in Table I and listed in Appendix II.

The Crown Jewel, King, Prince and NPrince claims (“King Solomon Property”) were optioned from Shawn Ryan and Wildwood Exploration Inc. under an agreement dated May 8, 2013. Under the terms of this agreement, Pacific Ridge has an option to earn a 100% interest in the King Solomon Property, subject to a 2% NSR, by making staged payments totaling \$500,000, issuing 1,500,000 shares and completing \$2,500,000 in exploration work over four years, along with the right to purchase half of the NSR for \$2 million at any time.

The Sophie claims (“Sophie Property”) were acquired from 39242 Yukon Inc. under an agreement dated June 24, 2013. Under the terms of this agreement, Pacific Ridge has an option to earn a 100% interest in the Sophie Property, subject to a 2.5% NSR, by making staged payments totaling \$100,000 and issuing 1,000,000 shares over four years, along with the right to purchase half of the NSR for \$750,000 at any time.

Table I – Claim List

Grant Numbers	Name	Number	Owner	Expiry
YC23516-23531	Crown Jewel	1-16	Shawn Ryan - 100%	23-Feb-2017
YC34425-34442	Crown Jewel	17-34	Shawn Ryan - 100%	23-Feb-2017
YC34643-34650	Crown Jewel	35-42	Shawn Ryan - 100%	23-Feb-2017
YC35000-35057	Crown Jewel	43-100	Shawn Ryan - 100%	23-Feb-2017
YC35674-35705	Crown Jewel	101-132	Shawn Ryan - 100%	23-Feb-2017
YC35706-35709	Crown Jewel	141-144	Shawn Ryan - 100%	23-Feb-2017
YC35710-35731	Crown Jewel	151-172	Shawn Ryan - 100%	23-Feb-2017
YC35756-35763	Crown Jewel	133-140	Shawn Ryan - 100%	23-Feb-2017
YC35764-35769	Crown Jewel	145-150	Shawn Ryan - 100%	23-Feb-2017
YC19934-19945	King	1-12	Shawn Ryan - 100%	23-Feb-2017
YC19954-19965	King	21-32	Shawn Ryan - 100%	23-Feb-2017
YC20693-20702	King	33-42	Shawn Ryan - 100%	23-Feb-2017
YC44350-44357	King	13-20	Shawn Ryan - 100%	23-Feb-2017
YC86597-86600	King	43-46	Shawn Ryan - 100%	23-Feb-2017
YC86748-86755	King	47-54	Shawn Ryan - 100%	23-Feb-2017
YC44334-44349	NPrince	1-16	Shawn Ryan - 100%	23-Feb-2017
YC20647-20692	Prince	1-46	Shawn Ryan - 100%	23-Feb-2017
YC21127-21134	Prince	47-54	Shawn Ryan - 100%	23-Feb-2017
YC34443-34463	Prince	61-81	Shawn Ryan - 100%	23-Feb-2017
YC36113-36123	Prince	82-92	Shawn Ryan - 100%	23-Feb-2017
YC61040-61043	Prince	93-96	Shawn Ryan - 100%	23-Feb-2017
YD11751-11772	Sophie	1-22	39242 Yukon Inc. - 100%	24-Dec-2017
YE65081-65089	Sophie	23-31	39242 Yukon Inc. - 100%	11-Oct-2015
YE79476-79482	Sophie	32-39	39242 Yukon Inc. - 100%	11-Oct-2015
YE79484-79485	Sophie	40-41	39242 Yukon Inc. - 100%	11-Oct-2015



On September 11, 2014, Pacific Ridge entered into an agreement with Centerra Gold Inc. ("Centerra") whereby Centerra can earn a 70% interest in the Properties by making staged payments of \$665,000 to Pacific Ridge and/or the underlying property vendors, and completing a minimum of \$4.5 million in exploration work on the project, in each case by December 31, 2017.

The Properties cover an area of approximately 8,000 ha. All claims are un-surveyed, two-post claims staked in accordance with the Yukon Quartz Mining Act. The Project is located in the Dawson Mining District on NTS sheets 1150/14 and 15.

PROJECT HISTORY

Following the discovery of placer gold in the Klondike in 1896, much effort has been directed towards discovery of the lode gold source. A number of quartz veins with gold mineralization were prospected in the area of KSD and the Hunker Summit in the early 1900's. During the 1950's through to 2000, a number of companies including YCGC, Orekon, Cominco, Dawson Eldorado, Hughes Lang and United Keno Hill Mines carried out exploration programs that included prospecting, geological mapping, geochemical and geophysical surveys and trenching, but no drilling was carried out. Much of this work was focused around the Sheba occurrence (Minfile 1150 068) near the Hunker Summit.

Box Car Showing - Minfile 1150 071

Within the Project, Cu-Pb-Ag-Au mineralization was discovered at the Box Car showing in 1901 and was explored by hand pits, shallow shafts and short declines to 1920. The Box Car consists of malachite, azurite, chalcopryrite and galena in quartz-muscovite schists along a 1.5 m wide shear zone oriented at 155°, dipping 85° SW. Best assays reported from high grade samples include a 0.5 m chip that assayed 1.06 oz/t Ag, 2.32% Cu, 1.78% Pb and 0.3% Zn and a 1.0 m chip that ran 7.92 oz/t Ag, 3.76% Cu, 14.4% Pb and 0.24% Zn (Van Angeren, 1988). In the 1980's and 1990's, surface exploration was carried out at Box Car by a number of companies including Dawson Eldorado, Arbour Resources, Kennecott, Barramundi Gold and Klondike Goldfields.

Bum Showing - Minfile 1150 070

Another base metal occurrence, discovered in 1905, is the Bum copper showing, lower on Gold Bottom Creek. Mineralization includes chalcopryrite, pyrite and bornite with quartz cutting schist. Although initially interpreted as a vein, it has also suggested that it could be VMS style mineralization. It was explored with an 18 m shaft by YCGC in 1952 during which time a select sample assaying 18% Cu and 617 gpt Ag was recovered. Minfile reports assays of 26.9% Cu and 678.8 gpt Ag and 17.67% Cu and 699.1 gpt Ag from selected grab samples as reported by Wealth Resources in 1991. Only minor surface programs of the showing have been recorded since that time.

Greenback Showing – Minfile 1150 083

The KSD Target in the southern portion of the Project covers the Greenback Minfile anomaly. Claims were staked in this area as early as 1908 and the original Greenback claims were recorded in 1946, but no exploration details or results are available from this time period. Several old trenches and pits and a

cat trail can be seen in the vicinity of the King Zone Target and may be related to this activity. From 1980, Cominco, Dawson Eldorado and Barramundi carried out surface exploration programs, as detailed below.

Shawn Ryan originally acquired the King Solomon Property in 2004 and has added to the claims in subsequent years. During the period 2006 to 2012, Ryan collected 5,838 soil samples from a number of grids throughout the Project (Ryan, pers. comm.; Doherty, 2008; Pautler, 2010). The King Zone soil anomaly was first defined as a significant target by the 2007 exploration program.

The claim outline, the Minfile Occurrences and Ryan's soil grids are shown in Figure 7.

The following information, providing details of the Project history from 1950, is quoted from Pautler (2010):

- 1952-56 Rehabilitation and sampling of old workings and drilling of 64m in 2 holes in 1952 and 437m in 6 holes in 1956 on the Bum prospect by Yukon Consolidated Gold Corporation Ltd. A selected specimen from the workings reportedly assayed 18% Cu and 617.1 g/t Ag (*Deklerk, 2008*). No record of results could be located.
- 1967-68 Extensive bulldozer trenching on Boxcar prospect by V. Scheck and bulldozer trenching and ground sluicing on the Bum prospect by B. Bratsburg (*Deklerk, 2008*).
- 1981 Grid soil sampling by Cominco Ltd. outlining low, with scattered high, gold values, a high arsenic horizon within the schist and a copper-lead-zinc anomaly in King area (*Medford and Jackisch, 1981*).
- 1983 Mapping and geochemical sampling by Dawson Eldorado Gold Explorations Ltd. on Boxcar prospect (*Mortensen, 1984*).
- 1984 A fence of percussion drill holes (457.2m) by United Keno Hill Mines Ltd. and Falconbridge Ltd. on the Bum prospect with no significant gold values intersected in drilling (*INAC, 1987*).
- 1988-91 Soil grid and rock geochemical sampling by Arbor Resources Inc. around Boxcar prospect outlining maximum soil values of 198 ppb Au, 14.2 ppm Ag, 400 ppm As and 535 ppm Pb, with trace of Boxcar fault extending 100m north and 1100m south as defined by lead in soil anomalies, and 765 ppb Au in rock from siliceous schist (*Van Angeren, 1988 and Tomlinson, 1991 and 1992*).
- 1992 Trenching by Hastings Management Corp. on Boxcar prospect exposing siliceous breccia zone (*Van Angeren, 1993*).
- 1994 Soil line by Kennecott Ltd. outlining anomalous lead and zinc in the King area (*Cranswick, and Doyle, 1994*).
- 1996-99 Regional silt program in 1996 by Barramundi returned several anomalous gold results in the headwaters of Quartz and Sulphur Creeks with the best at the head of Quartz Creek returning 13 ppb Au (*Stevens, 1997*). An airborne magnetic-VLF electromagnetic geophysical survey in 1999 delineated an 8 km east-northeast trending lineament,

which also transects the gold bearing Sheba and Mitchell quartz veins that may represent a fault associated with gold mineralization (*Sears, 1999*).

- 2000 Staked by Shawn Ryan, with additional ground added in 2001, 2004-7 and 2009. Program consisted of 12 silt samples and 62 grid soil samples, with no gold analyzed in the soils, on the King claims (*Ryan, 2001*). The grid soil geochemistry outlined two anomalies, anomalous zinc, lead and copper values covering a 300m by 500m area (northwestern extension of Cominco's "E" grid) and a lead, zinc, copper and arsenic anomaly (main Cominco anomaly).
- 2001 Completion of 41.9 line km ground magnetic and 39 line km gradient magnetic surveys by Shawn Ryan on the King claims outlining a magnetic high in the eastern Project area flanked on the west by a subtle magnetic anomaly associated with a lead-zinc-copper soil anomaly, and a magnetic low coincident with a zinc-arsenic soil anomaly in the southern grid area (*Ryan, 2002b*). A 7.65 line km ground magnetic and gradient magnetic survey was conducted over the Boxcar showing delineating a 300m by 90m east-northeast trending magnetic high anomaly and a 400m by 100m north trending magnetic high anomaly extending from the showing (*Ryan, 2002a*).
- 2002 Completion of 31 line km ground magnetic and 30 line km VLF electromagnetic surveys and a 408 sample soil survey by Shawn Ryan on the Prince claims outlining a magnetic high extending 2 km to the northeast of the Boxcar prospect with associated lead-zinc-copper in soil values (*Ryan, 2003*).
- 2004-6 Soil programs undertaken with an approximate 500 sample soil survey by Shawn Ryan on the southeast Prince claims outlining spotty gold values to 153.7 ppb Au below a magnetic high suggestive of ultramafic rocks in the southern part of the grid (similar environment to White Gold), and a base metal soil anomaly associated with a moderate magnetic signature suggestive of felsic schists (possible felsic metavolcanic rocks favourable to host volcanogenic massive sulphide type mineralization) (*Ryan, 2006*).
- 2007 A program consisting of a 1307 sample soil survey, prospecting, mapping and rock sampling (65 samples) was completed by International Gold Resources Inc. delineating a 1.3 km by 150m gold in soil anomaly on the King claims within an arsenic anomaly with a favourable magnetic signature (*Doherty, 2008*).
- 2009-12 International Gold Resources collected an additional 1,286 soil samples and prepared a technical report (*Pautler, 2010*). An additional 212 soil samples were collected in 2011 and 1,105 samples in 2012, as described more fully in the section "KSD South Target – Recent Exploration", below.
- 2013 Pacific Ridge completed a program of 481 soil samples over the northern half of the Sophie property, completed 20 lines, each of 420 m length, of high resolution IP/resistivity over the King and Prince Zone gold anomalies, followed by deep penetrating, close-spaced Geoprobe soil and rock sampling, collecting 124 samples at 5 m spacing along 10 lines.

REGIONAL GEOLOGY

The Project is located within the central Dawson Range, southwest-central Yukon, where it forms part of a regionally extensive, northwest-southeast trending polymetallic mineral belt associated with Early Jurassic to latest Cretaceous magmatism.

The regional geology of the area (Figure 4) is summarized here from descriptions by Gordey et. al. (2006), Mortensen (1996; 2013). The Project lies entirely within the Yukon-Tanana Terrane (YTT), an accreted terrane separated from the Selwyn Basin and associated carbonate platforms strata of the ancestral North American margin by the NW-SE trending Tintina Fault. The NW-SE trending Denali or Shakhwak Fault, located approximately 190 km to the southwest forms the southwestern boundary of the YTT (Gordey and Makepeace, 1999).

In the area of the Project, the YTT is dominated by three distinct metamorphic assemblages, including the Late Devonian to Early Mississippian Nasina assemblage (carbonaceous metaclastic rocks), the late Paleozoic Slide Mountain assemblage (greenstone and serpentinite) and the Middle to Late Permian Klondike Schist assemblage. Associated meta-intrusive rocks include quartz-feldspar augen schist and quartz monzonite orthogneiss.

The majority of the Klondike Gold Fields, including the area of the Project, is underlain by Klondike Schist, consisting of greenschist facies mafic and felsic metavolcanic rocks, now variably pyritic muscovite and quartz-mica schists and chlorite (+/- actinolite, epidote & Fe carbonate) schist. This assemblage also includes intrusive equivalents of the volcanic rocks and local non-carbonaceous siliciclastic rocks.

Sheet-like bodies of Carboniferous ultramafic rocks occur primarily to the northeast of, but are also evident within the Klondike Gold Fields. South of the Indian River and in the White Gold District narrow bodies of mid to late Paleozoic ultramafic rocks are exposed.

The above lithologies are intruded by small plugs and stocks of Cretaceous aged quartz monzonite and granodiorite and unconformably overlain by massive andesite flows and breccias of the Late Cretaceous Carmacks Group, locally with Early Cretaceous coarse clastic sedimentary rocks at the base of the sequence. Eocene feldspar ± quartz porphyry dykes intrude the above. Minor Quaternary basalt overlies, and related dykes and sills intrude, the above units.

PROJECT GEOLOGY

The Project has not been mapped in detail. The following description is summarized from Doherty (2008) and Pautler (2010). The Project is underlain primarily by Permian aged felsic and mafic metavolcanic and plutonic rocks of the Klondike Schist, the key component of YTT in this area. Outcrop is limited on the Project, comprising less than 5%, and generally confined to rounded ridge tops and road exposures. The source of the placer gold in the Klondike is thought to be derived from mineralization within the Klondike schist.

The Klondike schist consists primarily of chlorite- muscovite-quartz-feldspar schist. Peripheral to the Project, the Klondike Schist is over-thrust by Dawson Ophiolite Assemblage. In some areas an

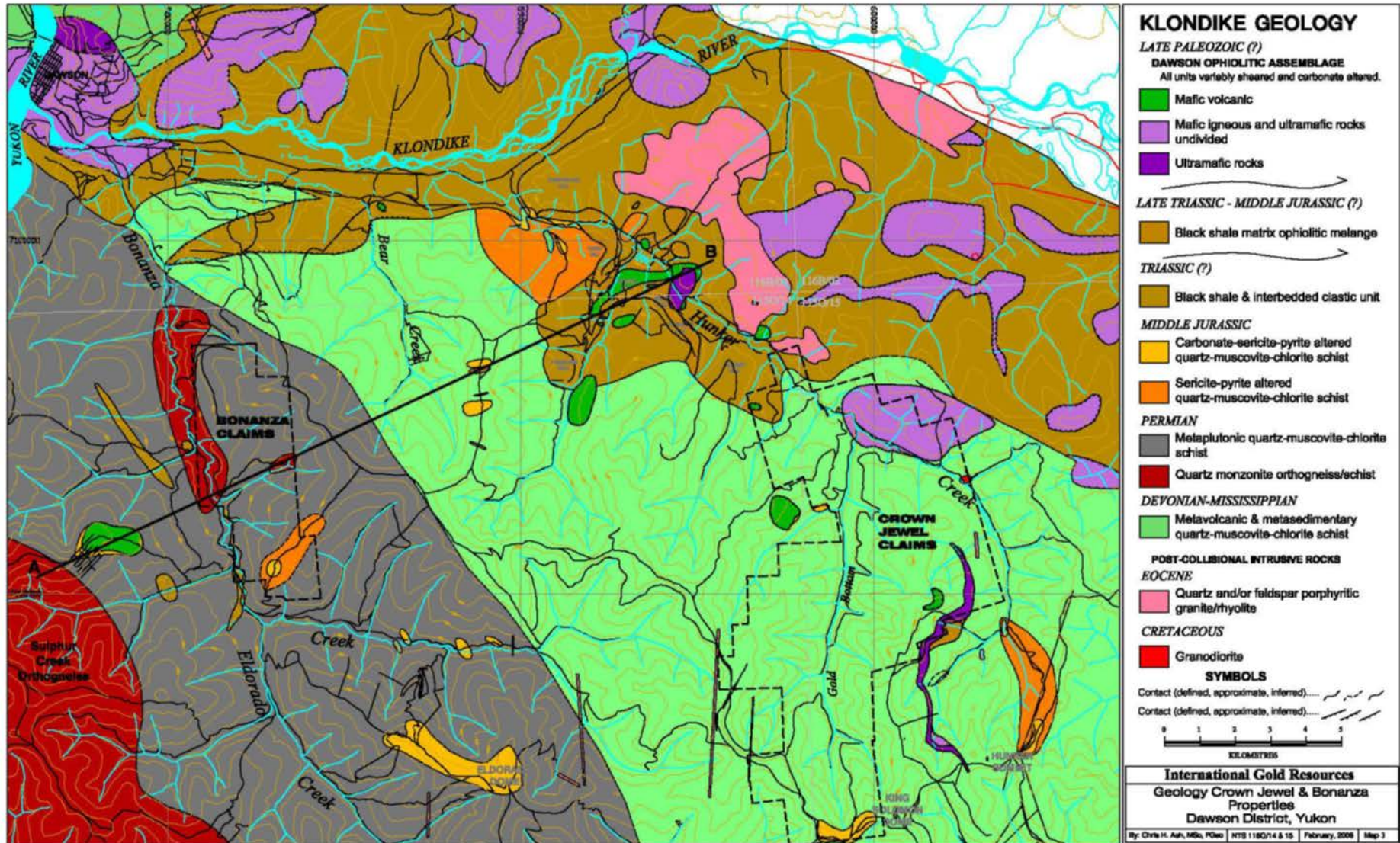


Figure 4 - King Solomon Project – Regional geology (from Doherty, 2008)

alteration assemblage of carbonate-sericite-pyrite or sericite pyrite altered quartz–muscovite-chlorite schist occurs at the base of the ophiolite thrust sheet. A feldspar±quartz porphyry dyke is mapped on the northwestern King claims. A thin slice of transported ophiolite ultramafic rocks, possibly of Carboniferous age, is exposed near the eastern boundary of the King Solomon Property (*Doherty, 2008*). A similar unit is mapped on the Project along Gold Bottom Creek. Alteration, consisting of limonite and sericite-muscovite±carbonate, occurs within the KSD Target area, both within the main King Zone anomaly and within the northern Au-As soil anomaly in the headwaters of Soap Creek, a tributary of Gold Bottom Creek. The Klondike Schist is rusty or limonitic in much of the area underlying the KSD South soil anomalies (*Pautler, 2010; this report*).

Foliations within the gold anomaly area trend northwest with gentle dips to the southwest. However, within the area of the King Zone, some east-westerly, south dipping foliations have been noted.

RECENT EXPLORATION – KSD SOUTH TARGET

Reconnaissance soil sampling by Shawn Ryan (*Ryan, pers. com.; Doherty, 2008; Pautler, 2010; Carlson, 2013A*) has, over several years, brought the focus of exploration to the extreme south end of the Project, the KSD South Target. This sampling included spur sampling followed by the sampling of several discrete grid areas, as shown in Figure 5, anomalous gold bubble plot, with a total of 5,839 samples collected during the period 2004 to 2012. This has included the collection of 63 samples in 2004, 1,183 samples in 2005, 694 samples in 2006, 1,296 samples in 2007, 1,286 samples in 2009, 212 samples in 2011 and 1,105 samples in 2012. In June 2013, following the acquisition of the Sophie claims, Pacific Ridge extended the KSD South grid south onto the Sophie Property, collecting an additional 481 soil samples, to bring the total number of samples on the Project to 6,320.

The KSD South Target is a strong gold soil anomaly that can be divided into four zones (*Carlson, 2013A*), The King Zone, the King Zone SE, the Prince Zone and the North Zone (Figure 6). In this figure, the large dark purple circles represents plus 99th percentile values, the lighter purple circles represents values greater than the 97.5th percentile, the orange circles plus 95th percentile, the small yellow circles plus 70th percentile and small black dots for all the remaining samples. Statistics were calculated on the 3,191 samples included within Ryan’s King Solomon South Zone grid and the Sophie claims grid extension.

The central King Zone is the largest and the strongest gold anomaly on the Project, showing a weak association with tungsten and a local silver association. While the core of the anomaly, with the tungsten association, is roughly 500 m in diameter, the entire King Zone is linear, northeasterly trending, and extends discontinuously for approximately 2 km. The anomaly is defined by a majority of values over a threshold of 51.9 ppb Au, the 95th percentile for the survey, with several values over 300 ppb. It should be noted that, in geochemical exploration programs undertaken in the unglaciated terrain of the Klondike and White Gold districts, values between 30 ppb (70th percentile for this survey) and 50 ppb are typically used as the anomaly threshold for gold. The maximum gold value in the King Zone, and in the entire survey, is 1.37 gpt Au. The core of the anomaly contains spotty anomalous silver from 1.1 ppm (95th percentile) to +2 ppm and tungsten values from .3 ppm (95th percentile) to 7 ppm. The southwest and northeast tails of the anomaly are defined by discontinuous gold values that are not strongly supported by other indicator elements. The anomaly is parallel to and within the hangingwall of the interpreted northeast-trending thrust fault.

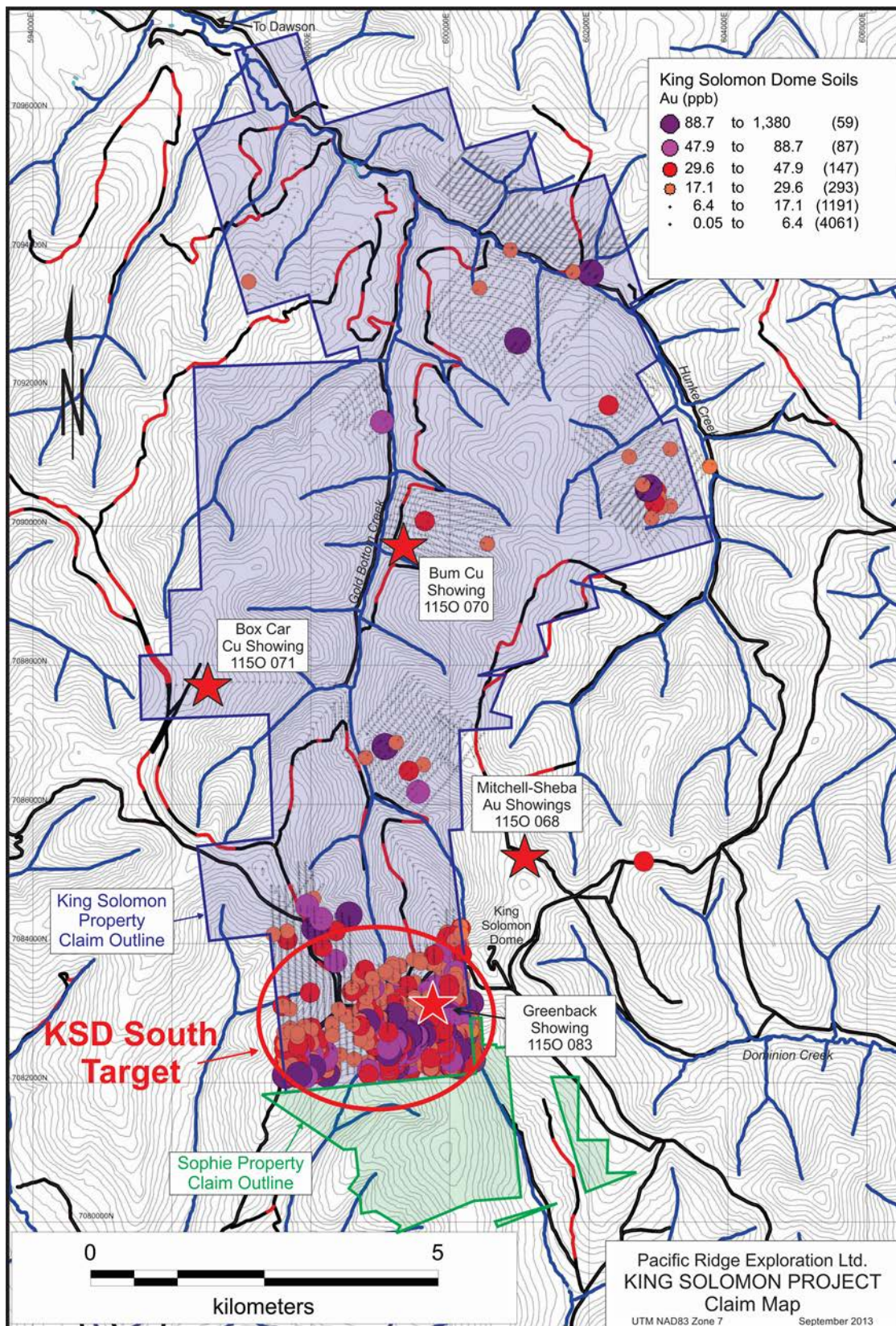


Figure 5 - King Solomon Project - Soil grids and gold anomalies.

The King SE Zone is a less intense gold anomaly with a strong silver association from below threshold (0.8 ppm) to 3.9 ppm and a moderate bismuth association from below threshold (0.6 ppm) to 5.7 ppm. It lies along the southwestern boundary of the northwest-trending linear that bisects the KSD South Target. It also has a copper association that is much more extensive than the gold-silver anomaly and appears to have a distinct northwesterly trend, perhaps reflecting a stratigraphic source. Interestingly, it has been noted at the Company's Mariposa project that some of the best gold anomalies occur where a gold-bearing structure intersects base metal-rich stratigraphy (Carlson, 2013B).

The Prince Zone lies to the southwest of the King Zone and may be a related extension. It has a silver association ranging from below threshold (0.08 ppm) to 5.1 ppm with gold ranging from below threshold (31.6 ppb) to 531 ppb. This may be a southwesterly extension of the King Zone, but it is slightly offset to the northwest.

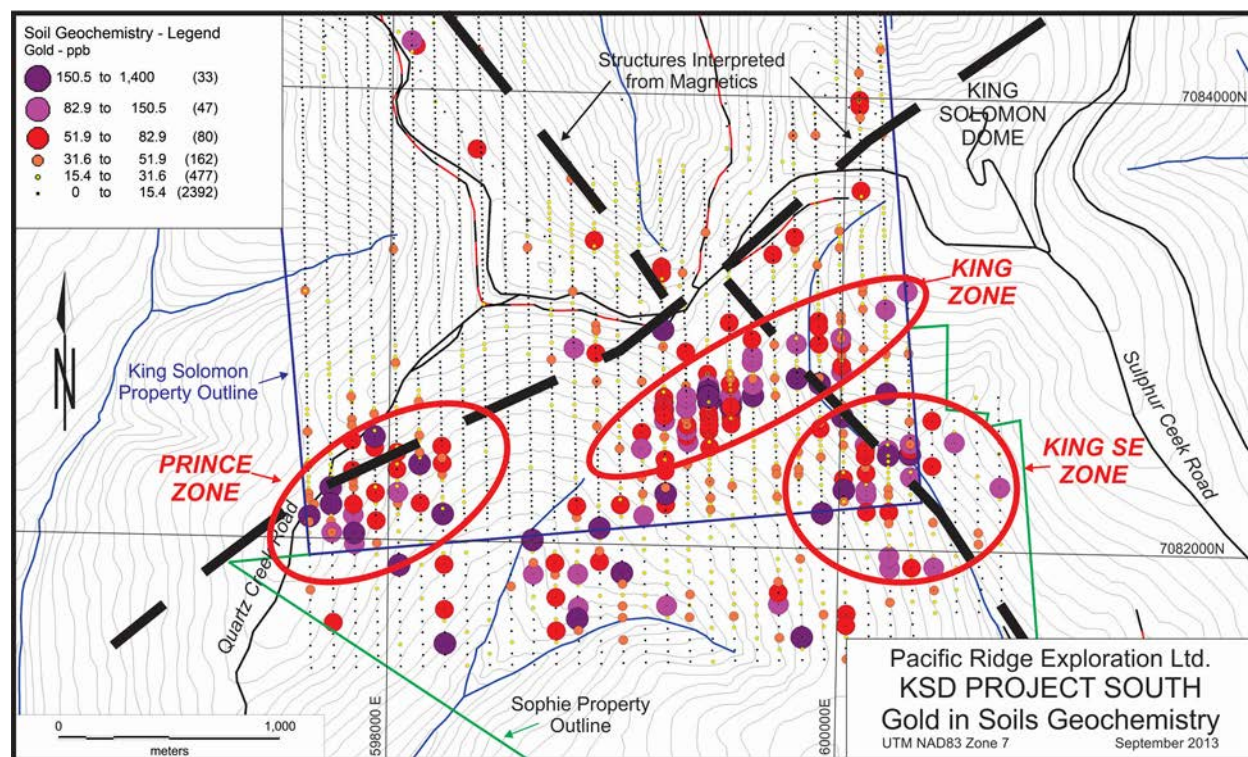


Figure 6 – KSD South Target – Gold soil geochemistry bubble plot (to 2013) and main targets.

The second phase of the 2013 program utilized Ground Truth's detailed, 5 m electrode spacing IP/Resistivity survey. The features identified by this survey include resistive zones, believed to be a reflection of silicification related to the gold mineralization and, in some cases, chargeability that likely reflects disseminated sulphide mineralization occurring with the gold. Test surveys have shown that the system is effective in outlining mineralized structures to depths of up to 100 m. The IP survey lines are typically 420 m in length. The program included six lines over the Prince Zone and 14 lines over the King and King SE zones. A number of steep, east-west trending potential structures were identified, with high resistivity cores and high chargeability bounding zones.

The third phase of the 2013 program included detailed deep soil sampling by Ground Truth's track mounted Geoprobe hydraulic hammer drill. A total of 224 sites were sampled along 10 lines over the

King Zone and the King SE Zone. Samples were collected every 5 m along 100 m to 150 m segments of the IP lines, using the same stations as were occupied by the IP electrodes. Strongly anomalous gold values were encountered on IP L17 – 2.861 gpt Au, L11 – 2.041 gpt Au, L18 – 0.746 gpt Au and L20 – 0.680 gpt Au and 0.473 gpt Au. Silver is anomalous on L18 in the KING SE Zone for 50 m along the line, with the highest value being 75 ppm Ag.

2014 EXPLORATION PROGRAM

Soil Geochemical Survey

Grid lines from the previous sampling were extended to the south to cover the southern portion of the Sophie claim group. 606 samples were collected at 50 m intervals along 100 m spaced lines. The work was completed by a crew from Ground Truth Exploration of Dawson, Yukon between August 26 and September 20, 2014. The new sample locations are shown in Figure 7 and the gold and silver bubble plots in Figures 8 and 9, respectively, show the soil results over the KSD South target area from 2014 and all previous sampling. A detailed interpretation of the previous sample results, including the King, Prince and King SE zones, is provided in Carlson (2013A).

Sampling Protocol and Data Handling Procedures

Field technicians navigate to sample site using handheld GPS units. A C-Horizon sample is collected using an Eijlcamp brand hand auger at a depth of between 20cm and 110cm. Where necessary, in rocky or frozen ground, a mattock is used to obtain the sample. Photos are taken of the sample site 5m from sample hole with auger inserted. Typically 400 to 500 g of soil is placed in a pre-labeled bag. An aluminum metal tag inscribed with the sample identification number is attached to a rock or branch in a visible area at the sample site along with a length of pink flagging tape. A field duplicate sample is taken once for every 25 samples.

The GPS location of the sample site is recorded with a Garmin GPSMap 60cx or 76cx GPS device in UTM NAD 83 format, and the waypoint is labeled with the project name and the sample identification number.

A weather-proof handheld device equipped with a barcode scanner is used in the field to record the descriptive attributes of the sample collected, including sample identification number, soil colour, soil horizon, slope, sample depth, ground and tree vegetation and sample quality and any other relevant information.

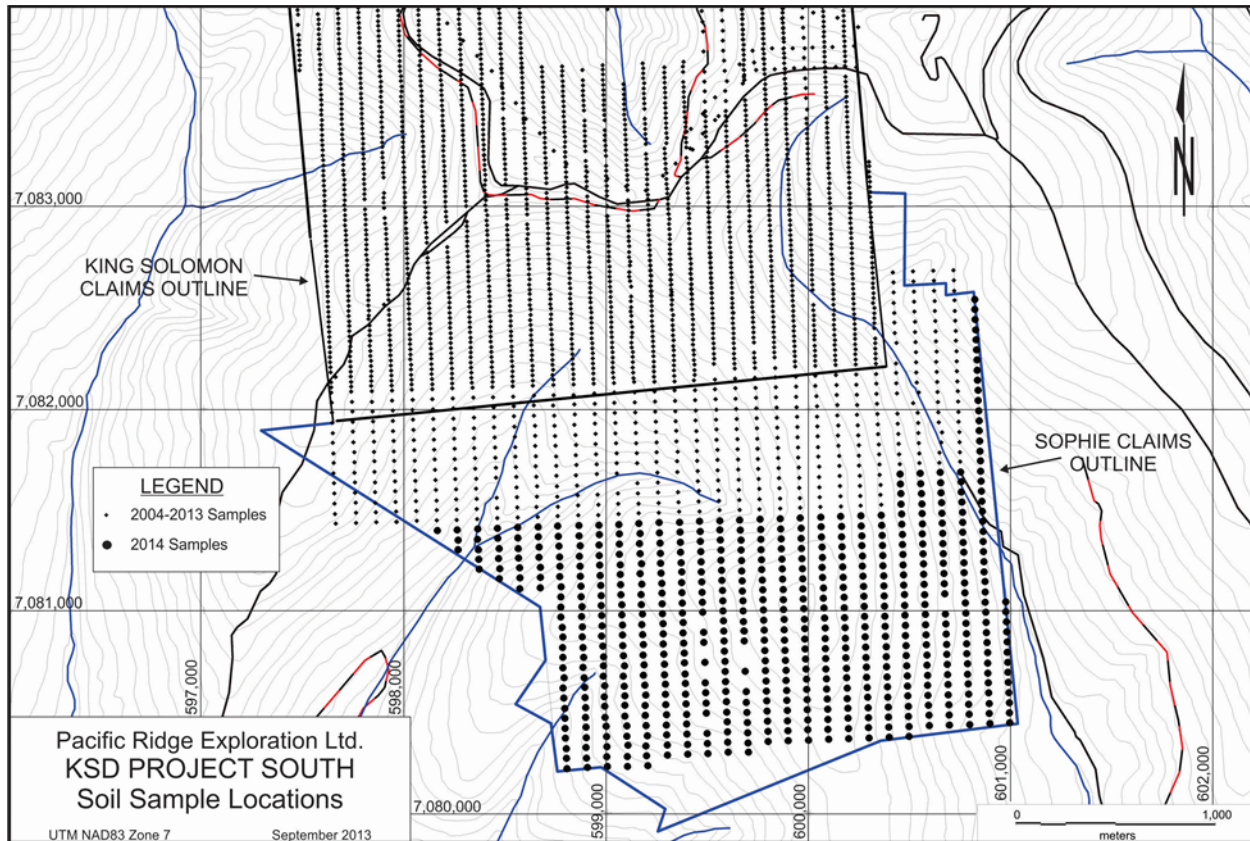


Figure 7 - KSD Target - Soil sample locations.

Each night in the field, the GPS and Palm PDA devices are downloaded to a laptop computer. The data is verified and mapped on a sampler-by-sampler basis in proprietary database auditing and mapping software. At the end of each day, the crew boss inspects all samples for size and consistency as a quality check. Each sampler then repackages all samples for shipping- barcode scanning them as they are placed into a rice bag which is sealed with a barcoded security zip tie. Samples are shipped from the field to the lab and tracked by the unique ID on each security seal.

A backup of the sample data is made, copied onto a USB memory stick and kept in a separate location from the laptop computer until job completion. Where possible, a backup is also sent via e-mail.

2014 Geochemical Survey Results

The gold and silver soil results are shown in Figures 8 and 9. No significant new anomalies were detected by the survey. However, the broader coverage provided by the additional samples shows two distinct trends for the gold and silver values within the KSD South target area. One is northwesterly, parallel to the main stratigraphic trend and suggests the certain units are enriched in gold and silver. The other is east to northeast and reflects structural trends, as indicated both by magnetics and IP. The silver-rich King SE Zone parallels the former while the King and Prince zones parallel the latter. Both the King and Prince zones occur where structures intersect the metal-rich stratigraphy, a pattern also observed on Pacific Ridge's Mariposa property (*Carlson, 2013C*).

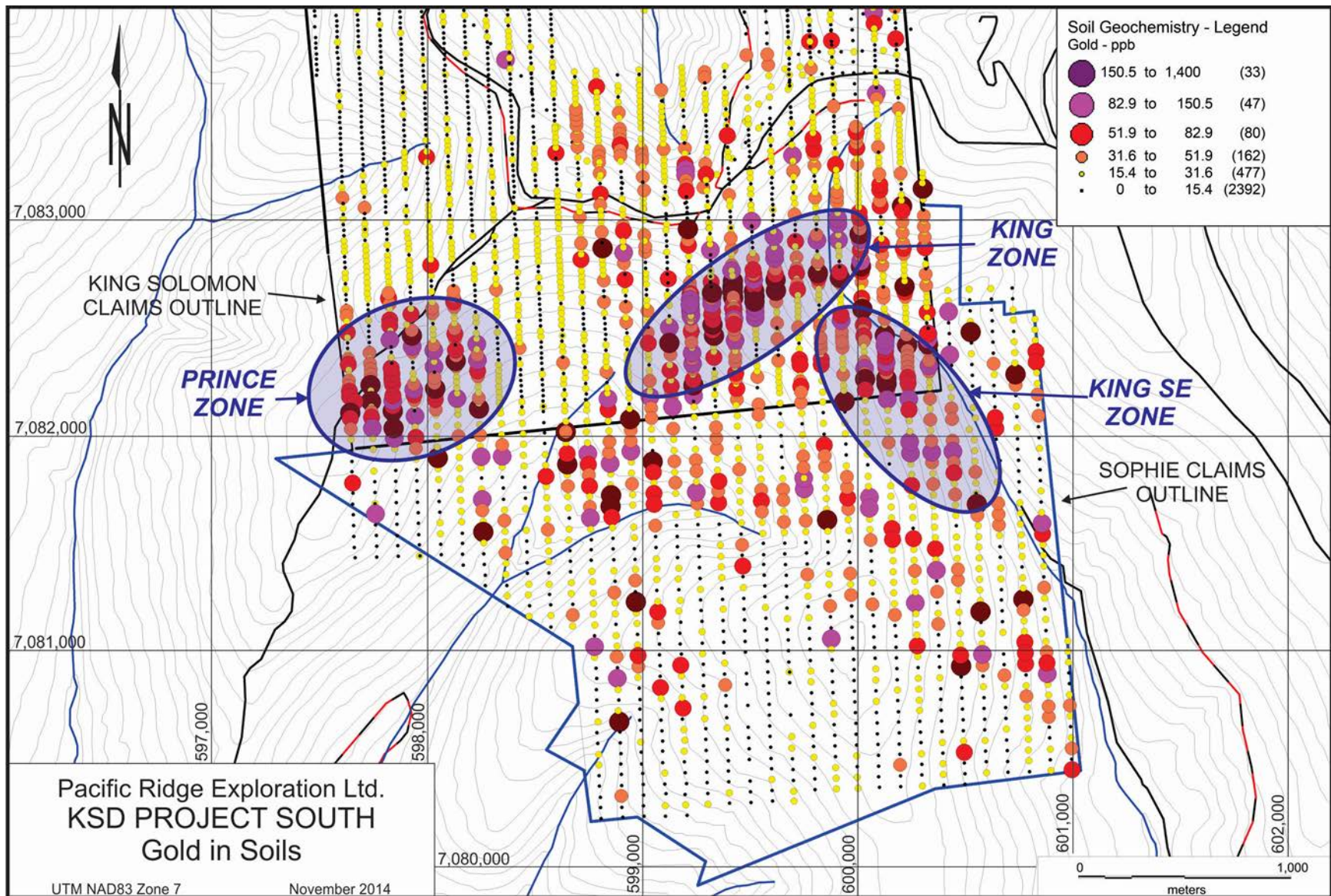


Figure 8 - KSD South Target – Gold in soils.

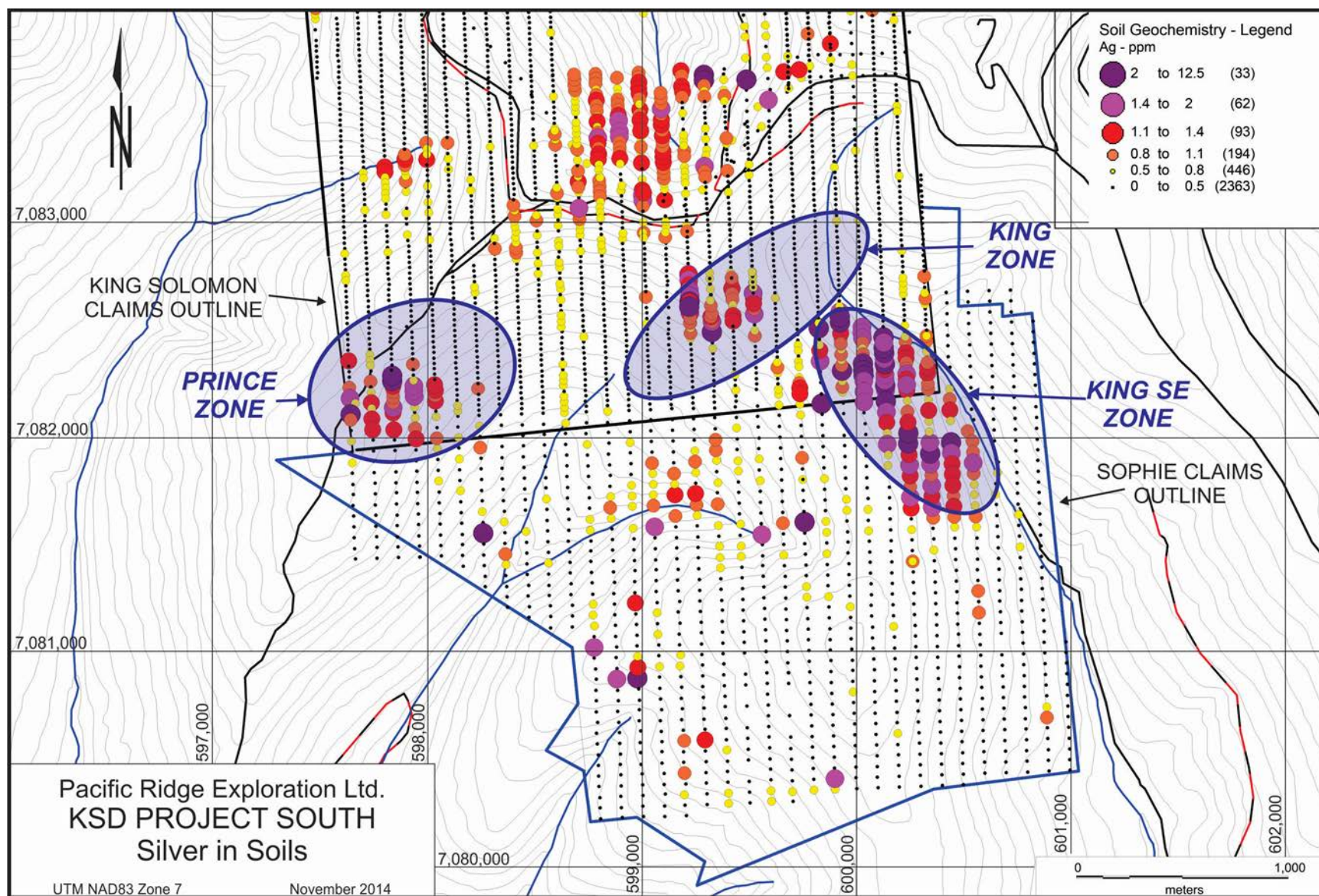


Figure 9 - KSD South Target – Silver in soils.

Magnetometer Survey:

The ground magnetics survey completed during the period September 22 to 30, 2014. The work was carried out by Ground Truth Exploration of Dawson, Yukon.

Magnetometer Survey Procedures

The magnetics survey included 93.6 km of surveying on 100 m spaced lines, plus three tie lines, covering the entire KSD South target area (see Figure 10). Lines were laid out in a north-south direction, following the soil geochemical sample grid. The survey included one base magnetometer and two walk magnetometers. The GSM-19T proton magnetometers used in the survey have a 0.1 nT (nanotesla) sensitivity. The walk mags collected readings at the rate of 1 reading/second. Field data was downloaded on a nightly basis and checked for both quality and completeness and then the diurnal correction applied (see Appendix IV).

Magnetometer Survey Results

Total field and first derivative magnetic results are shown in figures 10 and 11. While stratigraphy in this area is trending predominantly northwesterly, the strongest magnetic trends are east-westerly. This suggests possible local deformation of the stratigraphy, east-west trending intrusives or a magnetic expression of structures.

Previous interpretation of airborne magnetics (*Carlson, 2013A – Figure 6*) suggested the importance of two major structures, one trending east-northeasterly (ENE) and the other trending north-northwesterly (NNW). These structures intersect just to the north of the King Zone and are shown as dashed blue lines on figures 10 and 11. The 2014 ground magnetic survey has complicated this interpretation because of its much higher resolution.

In the southwestern quadrant defined by these intersecting linears, there are a number of other additional east-westerly trending linears indicated by the magnetics. One of these is a weak magnetic low that trends through the King and Prince Zones. It may be significant that the intensity of this low increases in the area of these two gold zones

While the northern segment of the NNW linear is sharply defined, the southern segment is more diffuse, defined by a wide zone of slightly lower magnetic intensity. Both the King and King SE zones lie along this linear.

Within the White Gold district, gold mineralized structures are often associated with magnetic lows (*Carlson, 2013C*). This is believed to be the result of magnetite destruction by hydrothermal fluids. As noted above, all three zones that comprise the KSD South target lie along structures, as interpreted from the magnetics, and all three are within areas of moderate to low magnetic intensity.

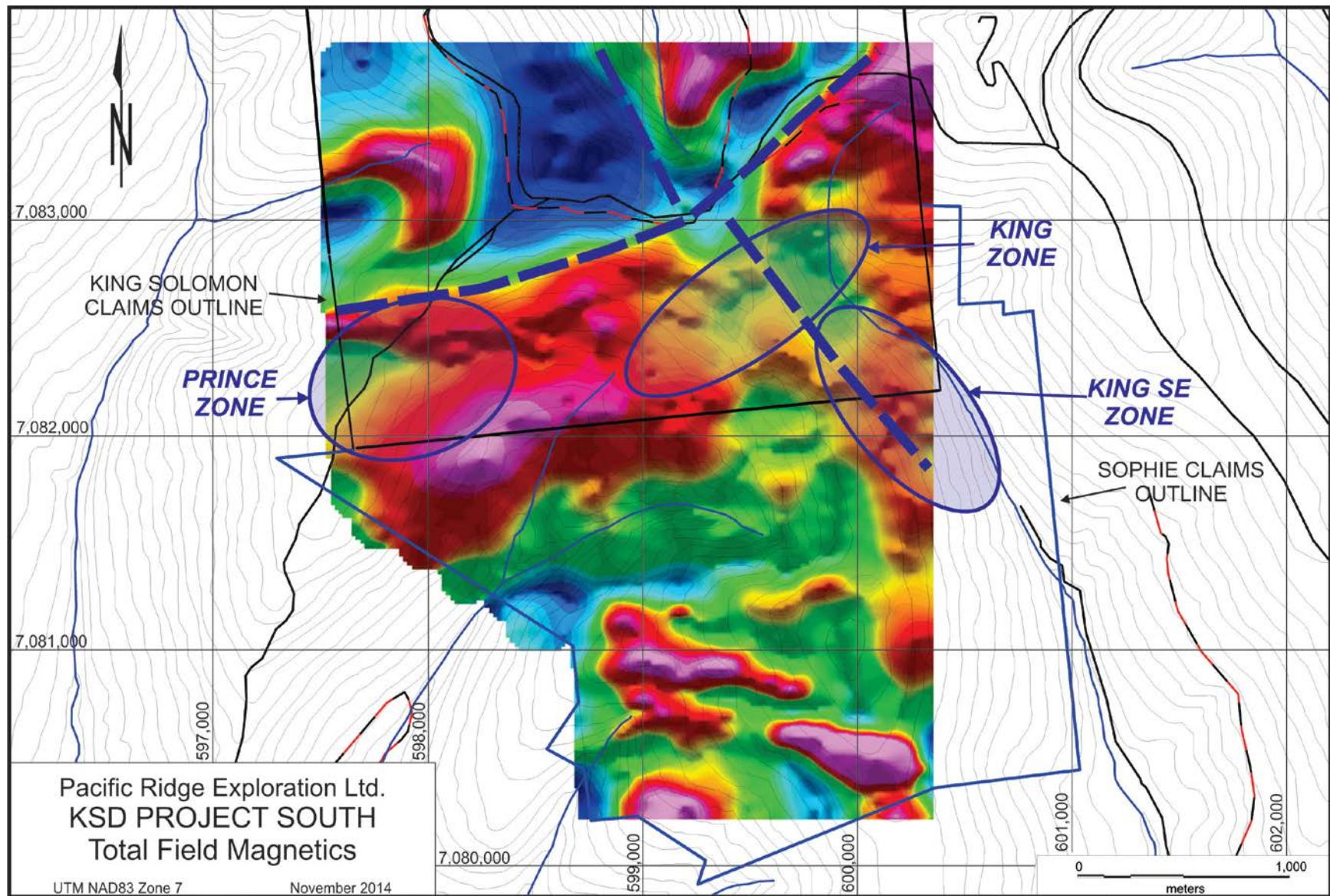


Figure 10 – KSD South Target – Total field ground magnetics.

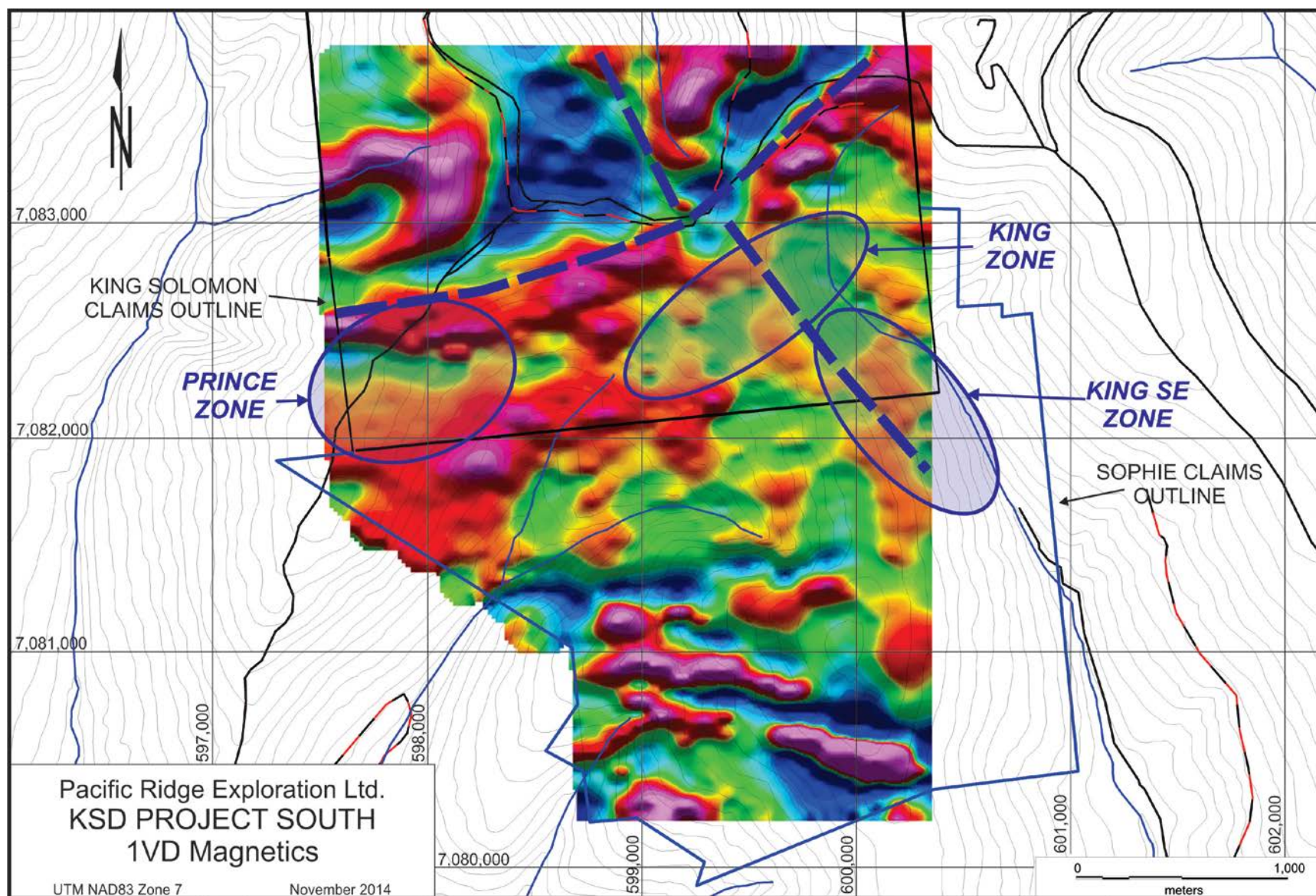


Figure 11 – KSD South Target – First vertical derivative ground magnetics.

IP Survey:

The IP survey commenced on September 26 and was completed on October 13, 2014. The survey involves a double array, or an 840 m line, including 170 electrodes utilizing a 5m electrode spacing of Ground Truth Exploration's high resolution IP/Resistivity system.

The IP program included 12 lines across the KSD South target area (see Figure 14). Lines were laid out in a north-south direction, extending the 2013 IP program, plus two tie lines in order to allow 3-D modeling. The extended array provided greater coverage, including greater depth penetration.

IP Survey Procedures

Equipment for the survey included an Advanced Geosciences Supersting R8 IP system powered by a 12V DC regulated power supply. The survey was completed using both Dipole-Dipole and Inverse Shlumberger arrays. The command files for these arrays are included in the final data output. The Dipole-Dipole array is set up to delineate vertical structures within the geology and the Inverse Shlumberger is set up to delineate more horizontal structures. Resistivity and induced polarization measurements are taken at every reading to give comparable data. All traverses are surveyed with the ProMark3 differential GPS units to obtain accurate horizontal and vertical position. A summary memo describing the survey is included as Appendix V to this report.

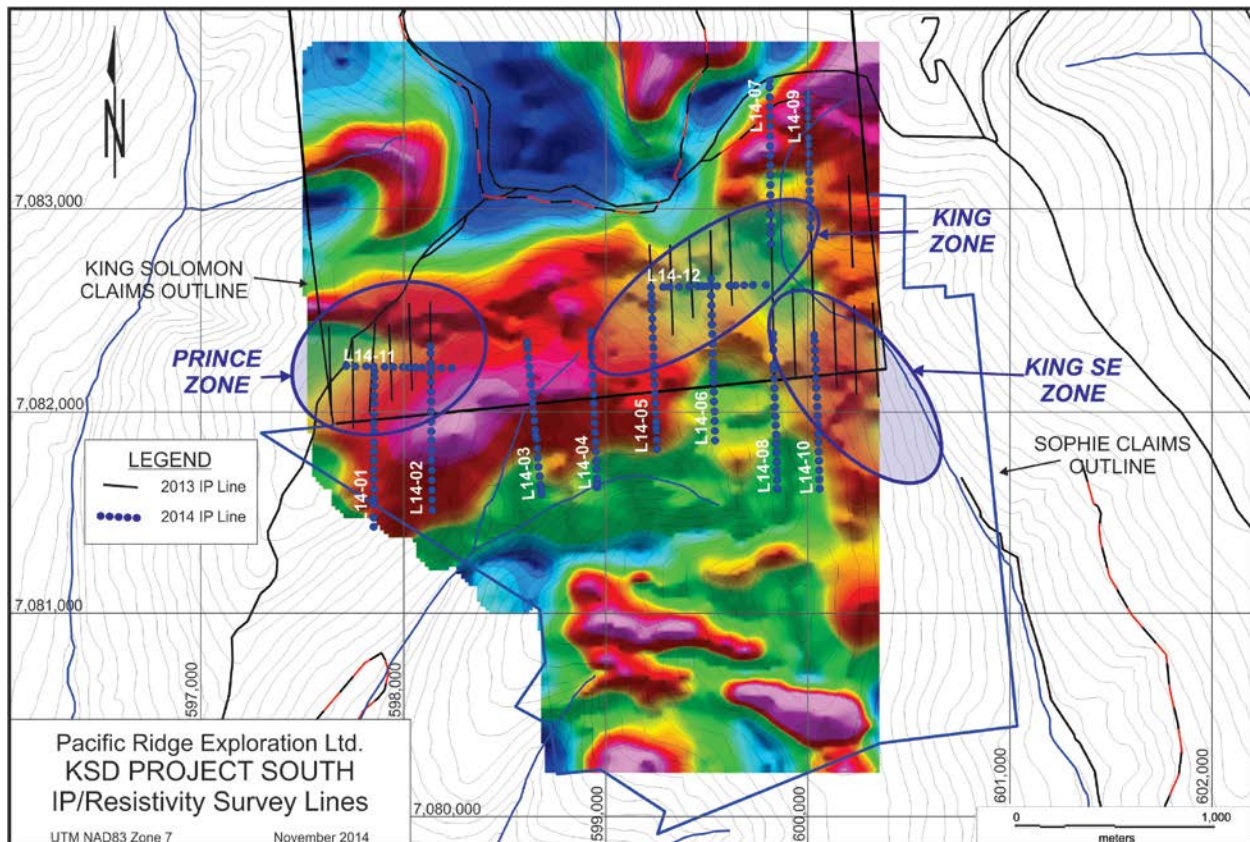


Figure 12 – KSD South target: High resolution IP line locations

IP Survey Results

The results of the IP survey are shown as a series of stacked profiles in Figures 13 through 24. These are inversion modeled sections that extend to depths of from 100 to 150 m. Assuming the most likely trend of mineralized structures would be in an east-west direction, as determined from soil geochemistry, magnetics and the 2013 IP/Resistivity survey, the survey lines were run in an north-south direction, with the exception of two east-west tie lines.

Previous experience with this high resolution system (*Shawn Ryan, pers. com.; Carlson, 2013A*) suggests that mineralized structures are often defined by linear zones of low to moderate resistivity and chargeability flanked on both sides by high chargeability. This type of signal would be consistent with structures that would have lower resistivity due to fault gouge and water saturation, but could have higher resistivity due to quartz vein and breccia, flanked by wall rocks containing disseminated pyrite mineralization. On the other hand, most mineralized zones in the White Gold district are associated with disseminated sulphide mineralization, so areas of higher chargeability should also be considered as potential gold zones.

Two lines were run over the Prince Zone (L14-0-1 and L14-02), extending the 2013 survey further to the south, two lines were run between the Prince and King zones (L14-03 and L14-04), two lines over the King Zone (L14-05 and 14-06), extending the 2013 survey to the south, two lines north and east of the King Zone (L14-07 and L14-09) and two lines along the western side of the King SE Zone (L14-08 and L14-10).

Prince Zone

Three or four potential vertical structures indicated in the two Prince Zone sections (Figures 13 & 14). There is also a possible south dipping structure cutting the lines, noted also in the 2013 survey (*Carlson, 2013A*). Of note is a high chargeability zone in the footwall of this structure, strongest in section L14-02.

King Zone

The two westernmost King Zone lines (Figures 15 & 16) suggest at least three steeply dipping structures as well as a south dipping feature that may correlate with the south-dipping structure identified in the Prince Zone, above.

In the main part of the King Zone (Figures 17 & 18), three to four steep dipping structures have been interpreted. A possible south dipping structure is recognized on L14-05, but a similar feature is not recognized on L14-06.

The northwest King Zone (Figures 19 & 20) lines have excellent detail and appear to clearly outline several steep structures as well as a gently south-dipping structure in section L14-09. This latter structure has been more inferred than defined by the dashed grey line in section L14-07. The high chargeability and high resistivity zone in the footwall of this structure may be similar to that observed on L14-02.

The King SE Zone section lines (Figures 21 & 22) also show good detail and suggest up to five steep structures. As was noted from the 2013 survey, it is uncertain whether the structures in this area are east-west or perhaps north to north-west striking, as suggested by the soil geochemistry. The resistivity sections on both lines L14-08 and L14-09 show horizontal layering, perhaps reflecting stratigraphy.

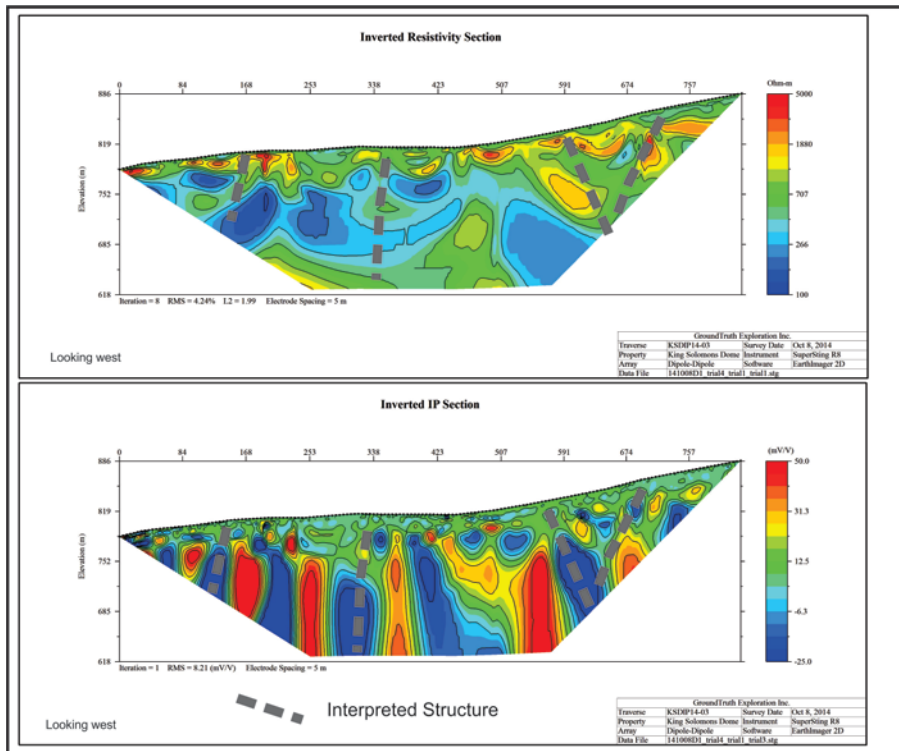


Figure 15 - King Zone modelled IP section – L14-03.

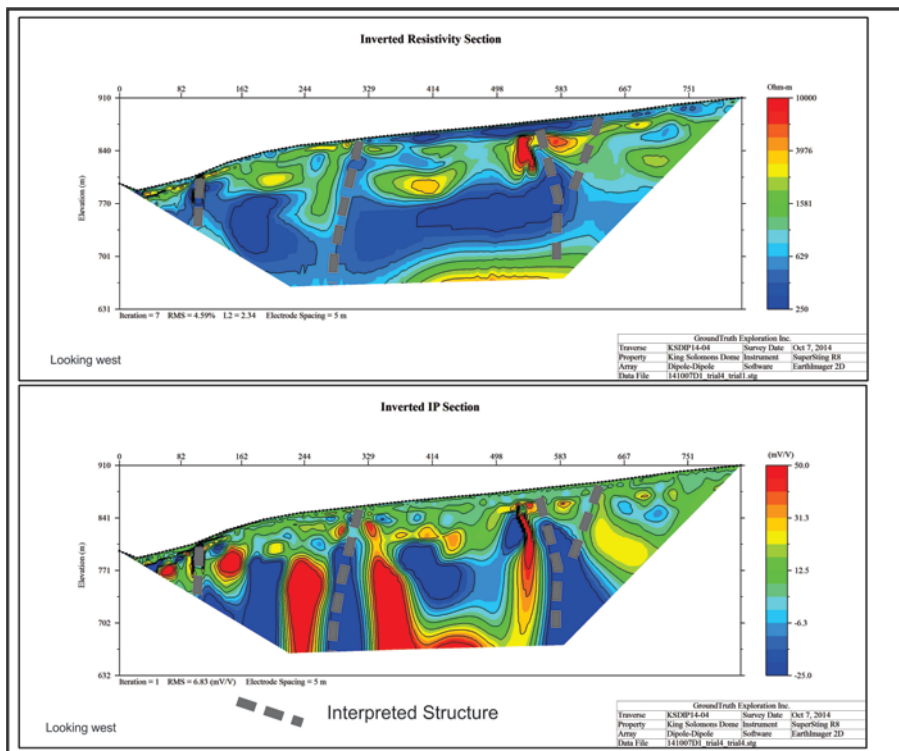


Figure 16 - King Zone modelled IP section – L14-04.

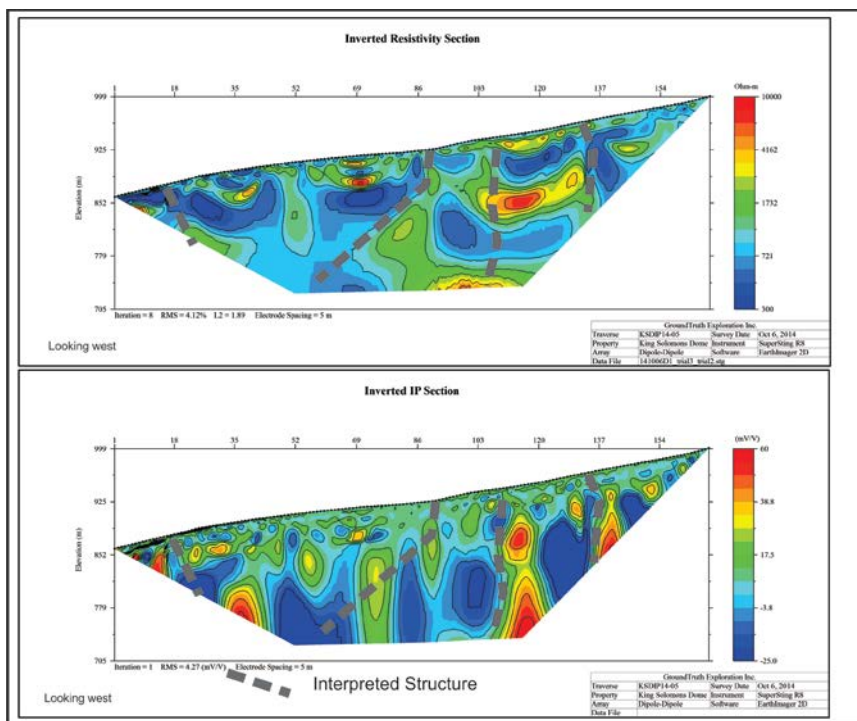


Figure 17 - King Zone modelled IP section – L14-05.

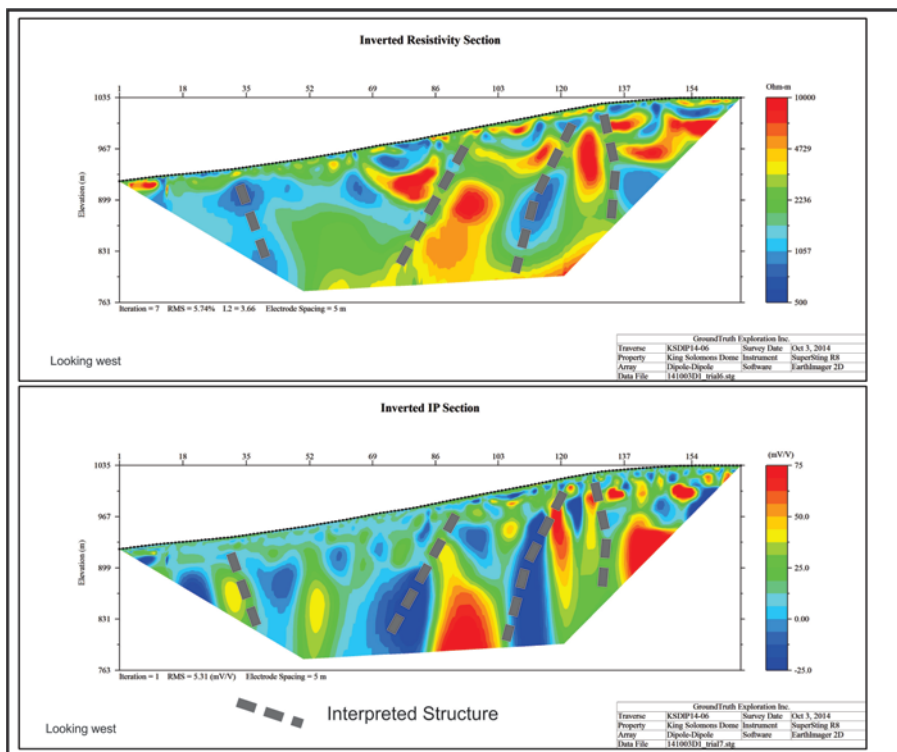


Figure 18 - King Zone modelled IP section – L14-06.

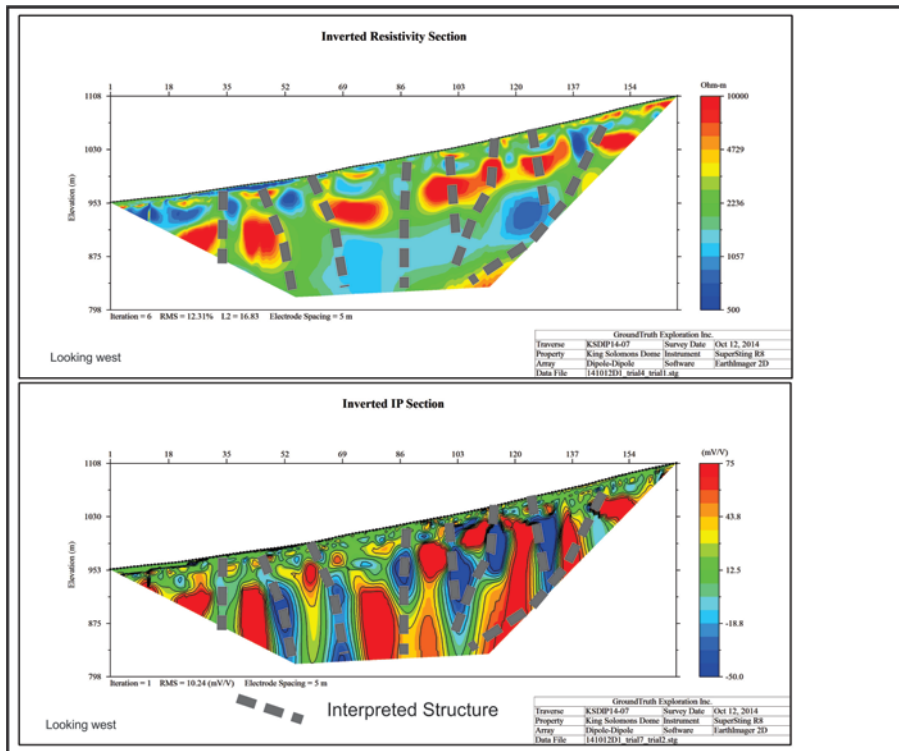


Figure 19 - King Zone modelled IP section – L14-07.

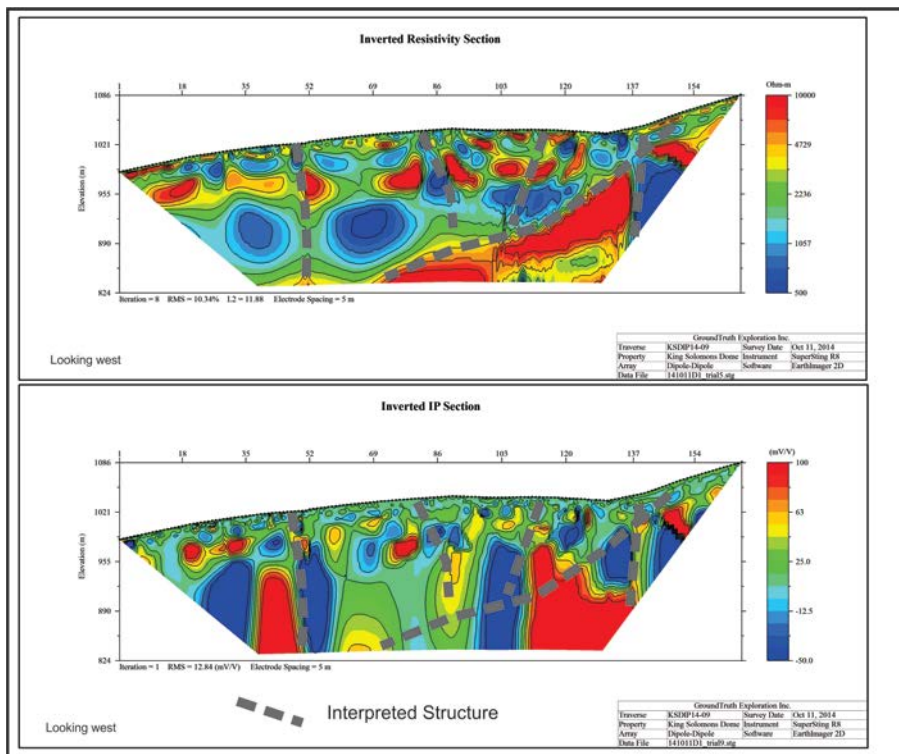


Figure 20 - King Zone modelled IP section – L14-09.

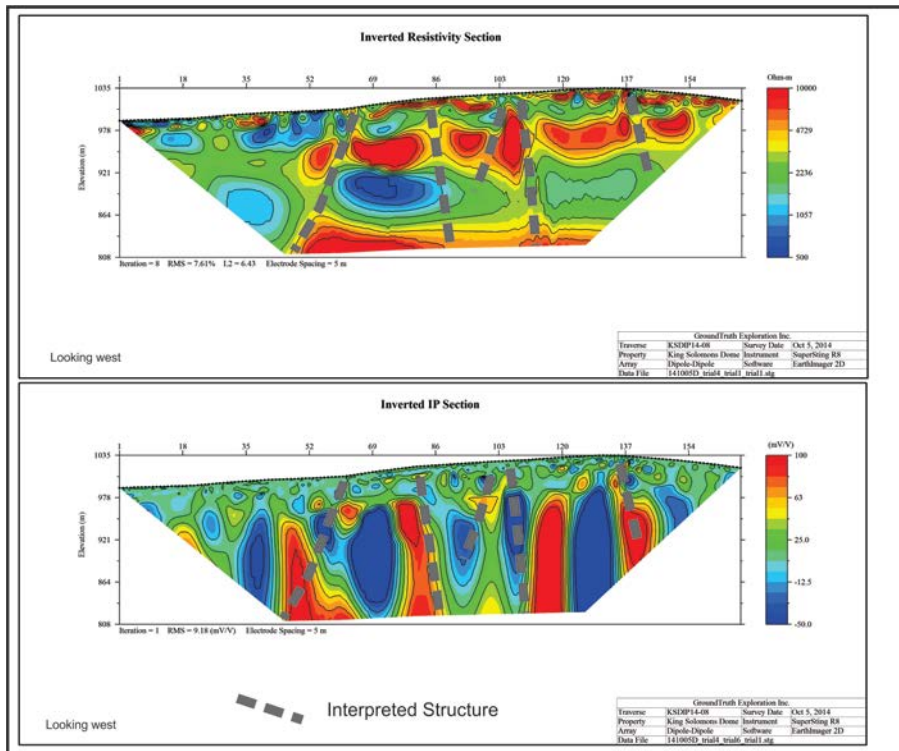


Figure 21 - King Zone modelled IP section – L14-08.

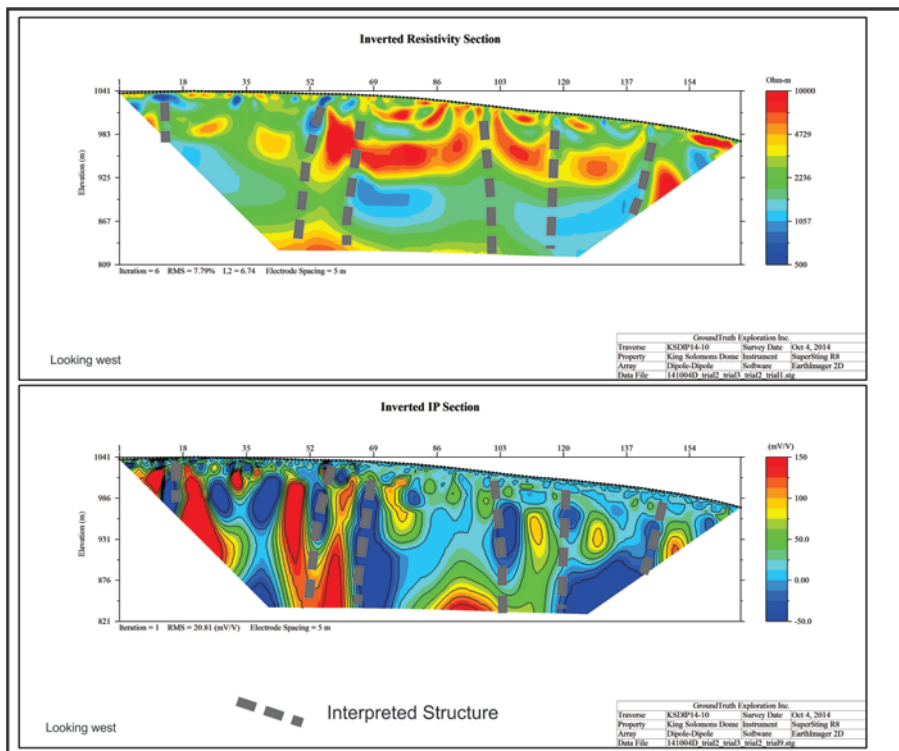


Figure 22 - King Zone modelled IP section – L14-10.

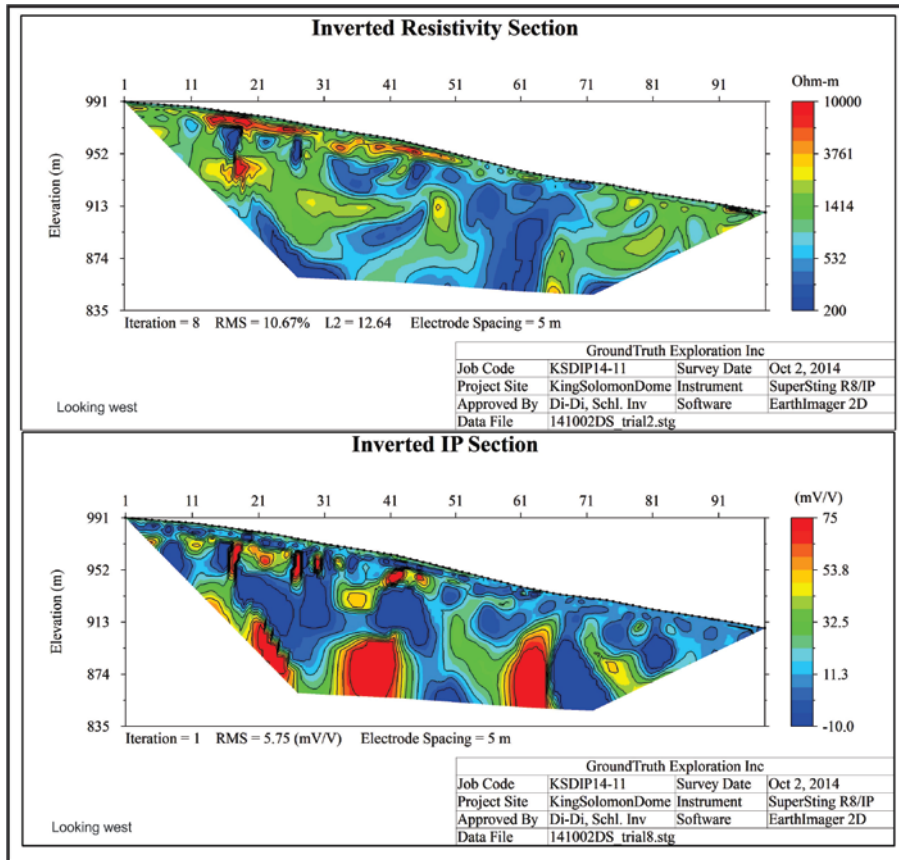


Figure 23 - Prince Zone tie line modelled IP section – L14-11.

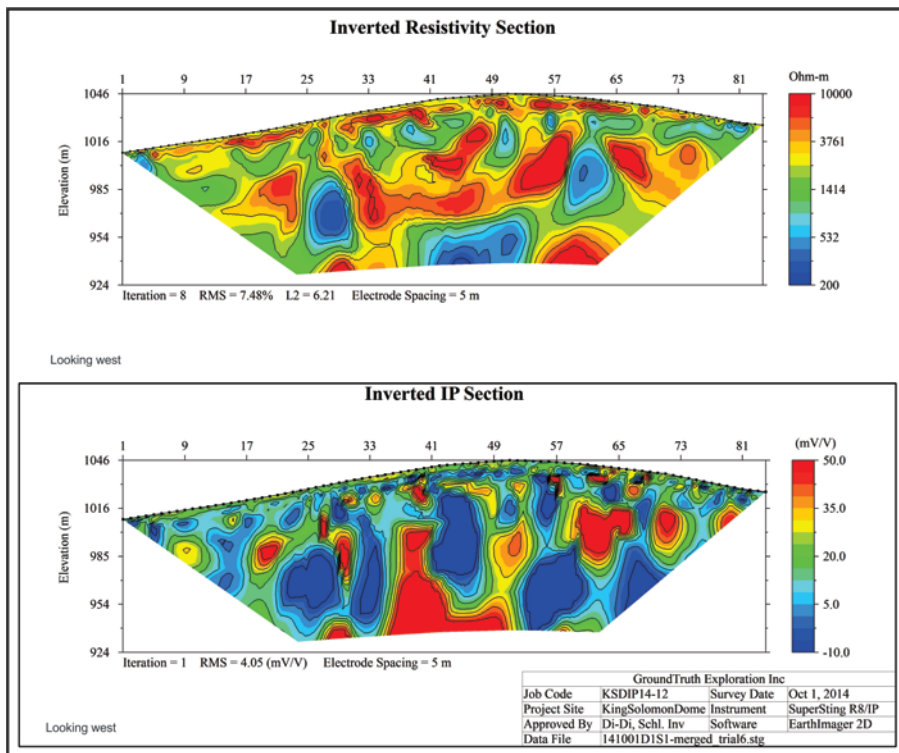


Figure 24 - King Zone tie line modelled IP section – L14-12.

A structural interpretation has not been attempted on the two tie lines, L14-11 and L14-12, as they run parallel to the structures of interest and they are not adjacent lines. However, they are distinctly different in character from the north-south lines: While they show some vertical structures, horizontal to gently dipping linears are more prominent. These may be a reflection of the south-dipping east-west structures interpreted from some of the north-south lines.

RAB Drilling Program:

Both the King Zone and Prince Zone were tested by 919 m of rotary air blast (RAB) drilling in 17 holes during the period September 30 to October 31, 2014. The drill hole data are presented in Table II and the collar locations are shown in Figure 25. The work was carried out by GroundTruth Exploration contractors of Dawson City, Yukon. Unfortunately, the penetration depth of the RAB drill was limited by the water table, so a number of the holes were not completed to target depth.

Table II – RAB Drill Hole Collars

	UTM NAD 84 Zone 7		Eleva.	Azimuth	Dip	Depth
Hole No.	Easting	Northing	(m)	(deg)	(deg)	(m)
KSDRAB14-01	599482.2	7082668.2	1043.1	335	45	61.0
KSDRAB14-02	599481.9	7082669.1	1042.9	155	45	64.0
KSDRAB14-03*	599394.0	7082741.7	1052.5	155	45	68.6
KSDRAB14-04	599481.7	7082674.8	1042.0	0	90	71.6
KSDRAB14-05	599328.1	7082637.6	1029.5	335	45	61.0
KSDRAB14-06	599345.7	7082600.1	1023.3	335	45	61.0
KSDRAB14-08	599426.9	7082658.2	1047.6	155	45	68.6
KSDRAB14-09	599427.1	7082657.5	1047.1	325	45	68.6
KSDRAB14-10*	599516.8	7082714.3	1037.6	155	45	32.0
KSDRAB14-11	599518.6	7082711.6	1037.3	325	45	47.2
KSDRAB14-12	599602.0	7082743.0	1015.0	155	45	47.2
KSDRAB14-07	597735.4	7082322.3	976.9	0	45	51.8
KSDRAB14-13*	597818.3	7082309.3	971.6	0	45	41.1
KSDRAB14-14	597737.3	7082223.9	978.0	0	60	45.7
KSDRAB14-15	597832.0	7082210.8	960.8	0	60	45.7
KSDRAB14-16	597830.5	7082040.4	945.4	0	60	45.7
KSDRAB14-17	597737.9	7082067.0	966.1	0	60	38.1

* Hole abandoned due to mechanical problems

RAB Drill Procedures

Ground Truth's RAB drill is a remotely controlled tracked platform with an onboard air compressor, tilting mast and rotary drill head with very little environmental impact. The unit is powered by a 60hp Turbo charged Kubota diesel engine and is air and hydraulically operated. Each drill hole is cased from surface to bedrock. Once the casing is seated into bedrock then an open hole hammer is used to complete the hole. Rock chips are collected through a cyclone every 1.5 m and a representative sample is collected, analyzed by field portable XRF and catalogued into chip trays by the onsite Geotech

Technician. A 1/8 split of the sample, approximately 2-2.5 kg in weight, is placed in an ore bag. Each sample location was surveyed by DGPS (see Appendix VI).

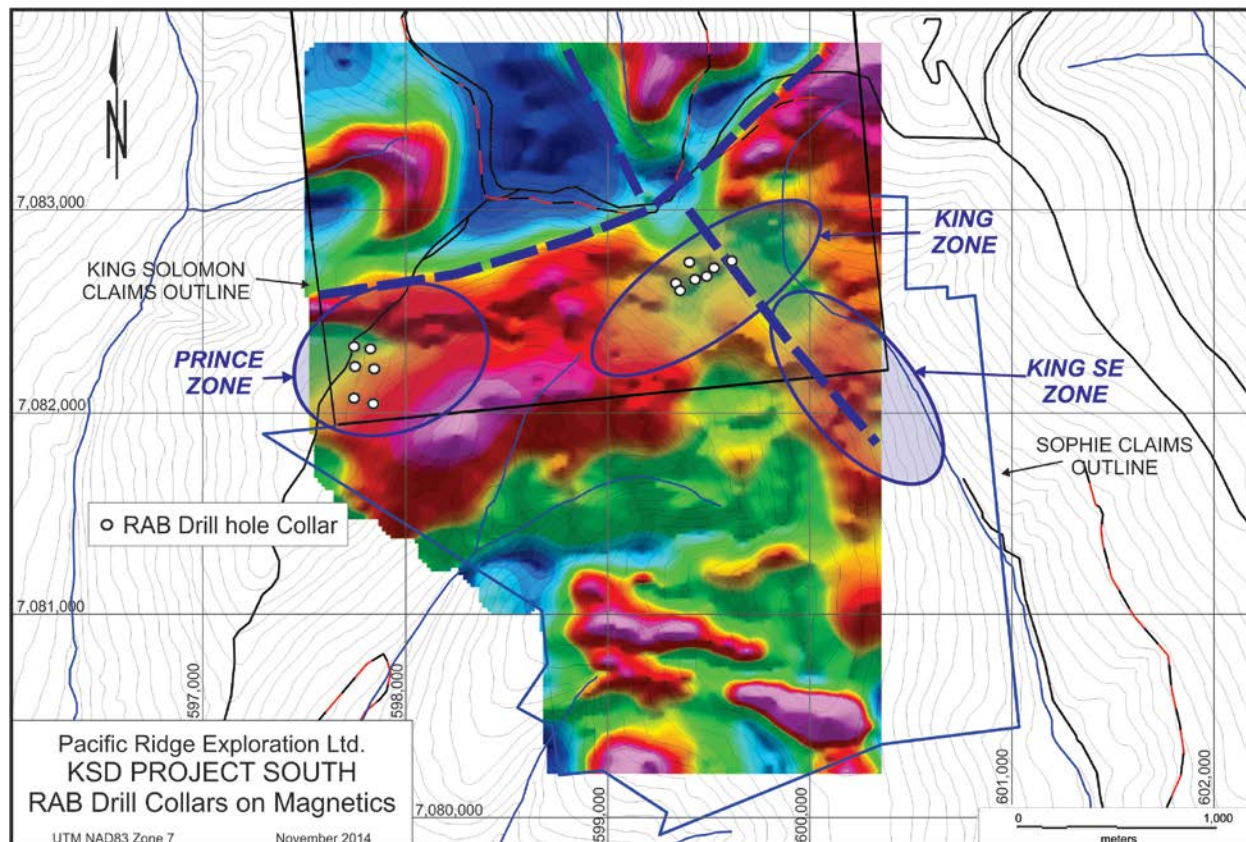


Figure 25 – RAB drill hole collar locations.

Sample Analysis

A sample ID Barcode was inserted into each bag and sealed with zip tie with an external barcode sample ID attached. One standard or one blank, alternating, was inserted in every 25 samples. The samples were sent to Acme Labs in Vancouver. All samples were analyzed by Acme for using Acme's Group MA200, 0.25g analysis, a 45 element ICP package which involves a 4-acid digest with a mass spectrometer finish. Gold in rock samples was analyzed by Acme's FA430, 30g analysis, which involves a fire assay, with an AA finish. Acme is an ISO 9001:2008 accredited facility, certificate number FM 63007.

Quality control procedures were implemented at the laboratory, involving the regular insertion of blanks and standards and repeat analyses on the samples, with re-analyses being performed for one sample in each batch on the original sample prior to splitting.

RAB Drill Results

Drill hole collars and the horizontal projections of the holes are shown in Figure 26 for the King Zone and Figure 27 for the Prince Zone. Summary gold results are shown in Table III while a complete table of gold results plus lithology, alteration and mineralization is included in Appendix VII. Certificates of analysis for the RAB samples are included in Appendix VIII.

Broad zones of anomalous gold were encountered in the King Zone, including 0.564 gpt Au over 10.67 m in hole 14-01, 0.235 gpt Au over 9.14 m in hole 14-03, 0.111 gpt Au over 25.91 m in hole 14-05, 0.150 gpt Au over 21.34 m in hole 14-06, 0.413 gpt Au over 13.72 m in hole 14-08 and 0.386 gpt Au over 13.72 m in hole 11. Within these broader zones, higher grade intervals included 2.999 gpt Au over 1.52 m in hole 14-01, 2.559 gpt Au over 4.57 m (7.678 gpt Au over 1.52 m) in hole 14-06, 0.619 m over 3.05 m and 0.735 gpt Au over 4.57 m in hole 14-08 and 1.368 gpt Au over 3.05 m in hole 14-11.

The drill logs note the presence of pyrite in most of the well mineralized intervals, but pyrite is also present in other samples. There is also mention of silicification and quartz in the best mineralized intervals. There is locally a correlation between high gold and high arsenic in the samples. A few intervals of high As with very weak Au values suggests that maybe gold was missed due to a nugget effect in the sample or the correlation does not always hold true. Except for very locally, the correlation between Ag and Au is weak.

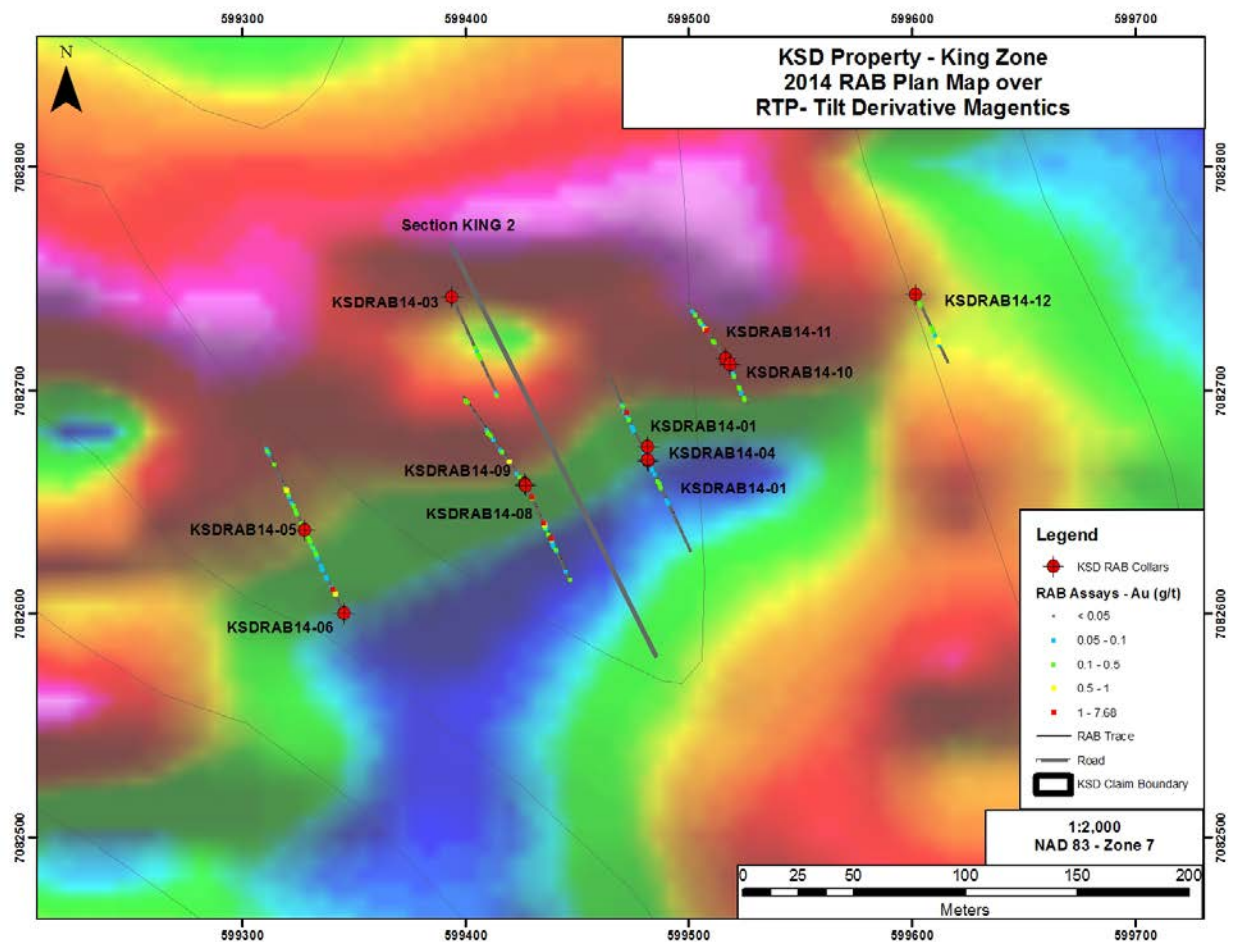


Figure 26 – King Zone RAB drill holes with gold assays.

The best results from the King Zone, in holes 14-06 and 14-08, possibly extending to hole 14-01, correlate with an interpreted east-northeast trending structure that is defined by a magnetic low (see Figure 26), a chargeability low surrounded by a chargeability high and a weakly defined resistivity low with a narrow, higher resistivity core (see the central structure in L08, L09 and L10 in Figure 16 in

Carlson, 2013A). This trend also correlates reasonably closely with the strongest portion of the gold geochemistry anomaly in soils.

The RAB drilling from the Prince Zone failed to intersect any strongly anomalous gold intervals with the exception of hole 14-12 that intersected 0.770 gpt Au over 3.05 m.

Table III – RAB Drill Program – Summary Results

Hole	From(m)	To(m)	Width(m)	Au(gpt)
KSDRAB14-01	27.43	38.10	10.67	0.564
includes	32.00	33.53	1.52	2.999
KSDRAB14-02	13.72	19.81	6.10	0.144
KSDRAB14-03	33.53	42.67	9.14	0.235
includes	38.10	42.67	4.57	0.230
KSDRAB14-05	3.05	28.96	25.91	0.111
includes	22.86	28.96	6.10	0.230
KSDRAB14-06	12.19	16.76	4.57	2.559
includes	15.24	16.76	1.52	7.678
KSDRAB14-06	39.62	60.96	21.34	0.150
includes	50.29	54.86	4.57	0.324
KSDRAB14-08	7.62	10.67	3.05	0.619
KSDRAB14-08	25.91	39.62	13.72	0.413
includes	25.91	30.48	4.57	0.735
includes	36.58	39.62	3.05	0.618
KSDRAB14-09	36.58	41.15	4.57	0.234
KSDRAB14-10	0.00	3.05	3.05	0.164
KSDRAB14-10	25.91	28.96	3.05	0.128
KSDRAB14-11	24.38	38.10	13.72	0.386
KSDRAB14-11	24.38	27.43	3.05	1.368
KSDRAB14-12	30.48	33.53	3.05	0.770

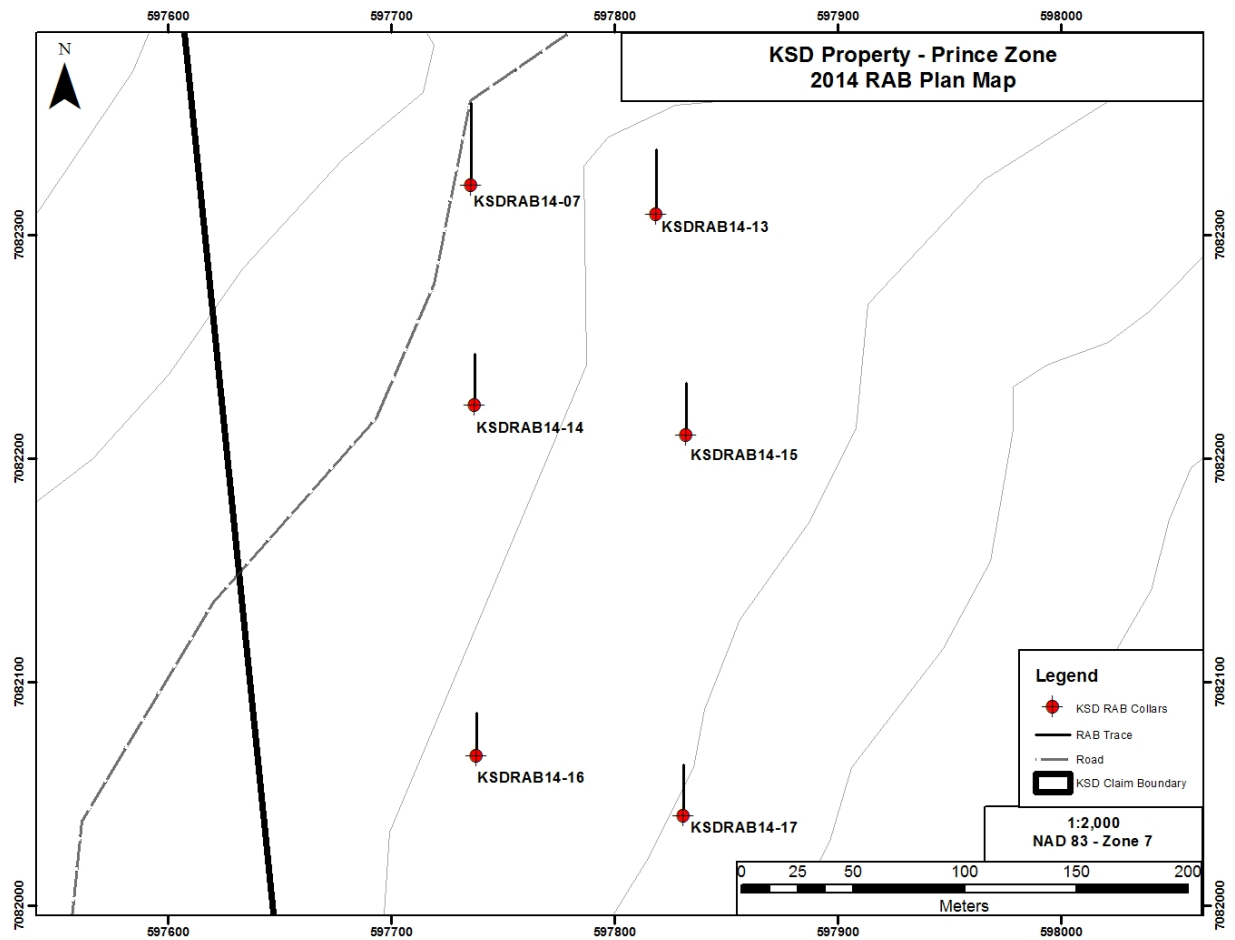


Figure 27 – Prince Zone RAB drill holes.

CONCLUSIONS

Soil sampling by Shawn Ryan during the period 2004 to 2012 resulted in the definition of a strong gold soil anomaly with locally associated tungsten, silver, arsenic, bismuth, molybdenum, copper, lead and zinc values, referred to as the KSD South Zone. This anomaly is bisected by an east-northeast trending structure and a north-northwesterly cross structure, as interpreted from aeromagnetic data. The northern half of the anomaly has a strong arsenic association, with anomalous silver, molybdenum and bismuth in its eastern portion, near the cross structure, and weakly anomalous gold values.

The strongest gold anomaly, the King Zone, south of the main structure, has a weak tungsten association in its core and a weak base metal signature at its western end, but it is largely a gold-only anomaly. Related anomalies included the King SE Zone Au-Ag-Bi-Cu anomaly and the Prince Au-Ag anomaly, along trend from the King Zone to the west. In 2013, Pacific Ridge enhanced the definition of these anomalies with additional soil sampling, high resolution IP/Resistivity surveys and deep Geoprobe[®] soil sampling.

On September 11, 2014, Pacific Ridge entered into a property option agreement with Centerra Gold Inc. Centerra immediately commenced a field exploration program over the KSD South target area that included the collection of 606 soil samples, a 93.6 line km ground magnetometer survey, 12 lines of high resolution IP/Resistivity surveying and 919 m of RAB drilling in 17 holes.

The 2014 soil survey, extending the existing soil grid to the south, outlined a potential extension of the King Zone to the southwest, as well as a string of anomalous gold values to the south of the King and King SE Zones. The magnetometer survey provided high definition resolution of northwesterly trends that reflect both stratigraphy and structures and east to northeasterly trends that reflect cross structures. In particular, an east trending magnetic low that correlates with gold in soils and RAB drill cuttings at the King Zone may be a reflection of magnetite destruction by hydrothermal fluids controlled by a fault zone. The IP/Resistivity survey confirmed and extended the detailed, near surface patterns of resistivity and chargeability that appear to delineate cross-cutting structures and associated mineralization.

The RAB drill program successfully intersected a number of higher grade gold values within broad, low grade intervals at the King Zone. This mineralization appears to correlate with the core of the King Zone gold soil anomaly, the north edge of an east-west trending magnetic low and a steep dipping chargeability low surrounded by high chargeability and a weakly defined resistivity low with a narrow, higher resistivity core. Unfortunately, the penetration depth of the RAB drill was limited by the water table, so a number of the holes were not completed to target depth.

RECOMMENDATIONS

The RAB drilling has confirmed bedrock gold mineralization beneath the King Zone gold soil anomaly that is likely structurally controlled and associated with silicification, possible quartz veining and pyrite mineralization. Due to the limitations of the RAB drill, core drilling is recommended as a next step to evaluate the King Zone, with two or three sections of two drill holes each. Two core holes are also recommended to test the high grade silver-gold portion of the Prince Zone.

STATEMENT OF EXPENDITURES

The following expenditures were incurred by Centerra Gold Inc. on the King Solomon Dome Project during the period August 26 to October 31, 2014.

Table IV – Expenditure Summary

Item	Contractor/Supplier	Description	Amount
Soil Sampling	GroundTruth Exploration	606 samples	\$12,968.50
Magnetometer Survey	GroundTruth Exploration	93.6 line km	\$ 13,700.00
IP/Resistivity Survey	GroundTruth Exploration	12 double lines	\$ 57,761.00
RAB Drill Program	GroundTruth Exploration	918 m in 16 drill holes	<u>\$ 91,919.33</u>
Total			\$ 176,348.83

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CERTIFICATE OF QUALIFICATIONS

I, Gerald G. Carlson, hereby certify that:

1. I am a consulting mineral exploration geologist and President and CEO of Pacific Ridge Exploration Ltd., 11th Floor – 1111 Melville St., Vancouver, B.C. V6E 3V6.
2. I am a graduate of the University of Toronto, with a degree in Geological Engineering (B.A.Sc., 1969). I attended graduate school at Michigan Technological University (M.Sc., 1974) and Dartmouth College (Ph.D., 1978). I have been involved in geological mapping, mineral exploration and the management of mineral exploration companies continuously since 1969, with the exception of time between 1972 and 1978 for graduate studies in economic geology.
3. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 12513 and of the Association of Professional Engineers of Yukon, Registration No. 0198.
4. I am the author of this report on the King Solomon Project, YMIP Project 14-030.
5. The report is based on a literature review, on private company reports and on the 2014 work program.
6. I am President and CEO of Exploration for Pacific Ridge Exploration Ltd. and I own shares in the company.
7. I visited the project on October 4 to 6, 2014 and was given a thorough project review by Centerra personnel at that time.

Dated at Vancouver, B.C. this 15th day of December, 2014.



Gerald G. Carlson, Ph.D., P. Eng.

Appendix I

Pacific Ridge - King Solomon Property					
List of Claims					
Grant No.	Name	No.	Owner	Expiry Date	NTS
YC19934	King	1	Shawn Ryan - 100%	23-Feb-17	115015
YC19935	King	2	Shawn Ryan - 100%	23-Feb-17	115015
YC19936	King	3	Shawn Ryan - 100%	23-Feb-17	115015
YC19937	King	4	Shawn Ryan - 100%	23-Feb-17	115015
YC19938	King	5	Shawn Ryan - 100%	23-Feb-17	115015
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YC19940	King	7	Shawn Ryan - 100%	23-Feb-17	115015
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YC35045	Crown Jewel	88	Shawn Ryan - 100%	23-Feb-17	115015
YC35046	Crown Jewel	89	Shawn Ryan - 100%	23-Feb-17	115015
YC35047	Crown Jewel	90	Shawn Ryan - 100%	23-Feb-17	115015
YC35048	Crown Jewel	91	Shawn Ryan - 100%	23-Feb-17	115015
YC35049	Crown Jewel	92	Shawn Ryan - 100%	23-Feb-17	115015
YC35050	Crown Jewel	93	Shawn Ryan - 100%	23-Feb-17	115015
YC35051	Crown Jewel	94	Shawn Ryan - 100%	23-Feb-17	115015
YC35052	Crown Jewel	95	Shawn Ryan - 100%	23-Feb-17	115015
YC35053	Crown Jewel	96	Shawn Ryan - 100%	23-Feb-17	115015
YC35054	Crown Jewel	97	Shawn Ryan - 100%	23-Feb-17	115015
YC35055	Crown Jewel	98	Shawn Ryan - 100%	23-Feb-17	115015
YC35056	Crown Jewel	99	Shawn Ryan - 100%	23-Feb-17	115015
YC35057	Crown Jewel	100	Shawn Ryan - 100%	23-Feb-17	115015
YC35674	Crown Jewel	101	Shawn Ryan - 100%	23-Feb-17	115015
YC35675	Crown Jewel	102	Shawn Ryan - 100%	23-Feb-17	115015
YC35676	Crown Jewel	103	Shawn Ryan - 100%	23-Feb-17	115015
YC35677	Crown Jewel	104	Shawn Ryan - 100%	23-Feb-17	115015
YC35678	Crown Jewel	105	Shawn Ryan - 100%	23-Feb-17	115015
YC35679	Crown Jewel	106	Shawn Ryan - 100%	23-Feb-17	115015
YC35680	Crown Jewel	107	Shawn Ryan - 100%	23-Feb-17	115015
YC35681	Crown Jewel	108	Shawn Ryan - 100%	23-Feb-17	115015
YC35682	Crown Jewel	109	Shawn Ryan - 100%	23-Feb-17	115015
YC35683	Crown Jewel	110	Shawn Ryan - 100%	23-Feb-17	115015
YC35684	Crown Jewel	111	Shawn Ryan - 100%	23-Feb-17	115015
YC35685	Crown Jewel	112	Shawn Ryan - 100%	23-Feb-17	115015
YC35686	Crown Jewel	113	Shawn Ryan - 100%	23-Feb-17	115015
YC35687	Crown Jewel	114	Shawn Ryan - 100%	23-Feb-17	115015
YC35688	Crown Jewel	115	Shawn Ryan - 100%	23-Feb-17	115015
YC35689	Crown Jewel	116	Shawn Ryan - 100%	23-Feb-17	115015
YC35690	Crown Jewel	117	Shawn Ryan - 100%	23-Feb-17	115015
YC35691	Crown Jewel	118	Shawn Ryan - 100%	23-Feb-17	115015

YC35692	Crown Jewel	119	Shawn Ryan - 100%	23-Feb-17	115015
YC35693	Crown Jewel	120	Shawn Ryan - 100%	23-Feb-17	115015
YC35694	Crown Jewel	121	Shawn Ryan - 100%	23-Feb-17	115015
YC35695	Crown Jewel	122	Shawn Ryan - 100%	23-Feb-17	115015
YC35696	Crown Jewel	123	Shawn Ryan - 100%	23-Feb-17	115015
YC35697	Crown Jewel	124	Shawn Ryan - 100%	23-Feb-17	115015
YC35698	Crown Jewel	125	Shawn Ryan - 100%	23-Feb-17	115015
YC35699	Crown Jewel	126	Shawn Ryan - 100%	23-Feb-17	115015
YC35700	Crown Jewel	127	Shawn Ryan - 100%	23-Feb-17	115015
YC35701	Crown Jewel	128	Shawn Ryan - 100%	23-Feb-17	115015
YC35702	Crown Jewel	129	Shawn Ryan - 100%	23-Feb-17	115015
YC35703	Crown Jewel	130	Shawn Ryan - 100%	23-Feb-17	115015
YC35704	Crown Jewel	131	Shawn Ryan - 100%	23-Feb-17	115015
YC35705	Crown Jewel	132	Shawn Ryan - 100%	23-Feb-17	115015
YC35706	Crown Jewel	141	Shawn Ryan - 100%	23-Feb-17	115015
YC35707	Crown Jewel	142	Shawn Ryan - 100%	23-Feb-17	115015
YC35708	Crown Jewel	143	Shawn Ryan - 100%	23-Feb-17	115015
YC35709	Crown Jewel	144	Shawn Ryan - 100%	23-Feb-17	115015
YC35710	Crown Jewel	151	Shawn Ryan - 100%	23-Feb-17	115015
YC35711	Crown Jewel	152	Shawn Ryan - 100%	23-Feb-17	115015
YC35712	Crown Jewel	153	Shawn Ryan - 100%	23-Feb-17	115014
YC35713	Crown Jewel	154	Shawn Ryan - 100%	23-Feb-17	115014
YC35714	Crown Jewel	155	Shawn Ryan - 100%	23-Feb-17	115014
YC35715	Crown Jewel	156	Shawn Ryan - 100%	23-Feb-17	115014
YC35716	Crown Jewel	157	Shawn Ryan - 100%	23-Feb-17	115014
YC35717	Crown Jewel	158	Shawn Ryan - 100%	23-Feb-17	115014
YC35718	Crown Jewel	159	Shawn Ryan - 100%	23-Feb-17	115014
YC35719	Crown Jewel	160	Shawn Ryan - 100%	23-Feb-17	115014
YC35720	Crown Jewel	161	Shawn Ryan - 100%	23-Feb-17	115014
YC35721	Crown Jewel	162	Shawn Ryan - 100%	23-Feb-17	115014
YC35722	Crown Jewel	163	Shawn Ryan - 100%	23-Feb-17	115014
YC35723	Crown Jewel	164	Shawn Ryan - 100%	23-Feb-17	115014
YC35724	Crown Jewel	165	Shawn Ryan - 100%	23-Feb-17	115014
YC35725	Crown Jewel	166	Shawn Ryan - 100%	23-Feb-17	115014
YC35726	Crown Jewel	167	Shawn Ryan - 100%	23-Feb-17	115014
YC35727	Crown Jewel	168	Shawn Ryan - 100%	23-Feb-17	115014
YC35728	Crown Jewel	169	Shawn Ryan - 100%	23-Feb-17	115014
YC35729	Crown Jewel	170	Shawn Ryan - 100%	23-Feb-17	115014
YC35730	Crown Jewel	171	Shawn Ryan - 100%	23-Feb-17	115014
YC35731	Crown Jewel	172	Shawn Ryan - 100%	23-Feb-17	115014
YC35756	Crown Jewel	133	Shawn Ryan - 100%	23-Feb-17	115015
YC35757	Crown Jewel	134	Shawn Ryan - 100%	23-Feb-17	115015
YC35758	Crown Jewel	135	Shawn Ryan - 100%	23-Feb-17	115015
YC35759	Crown Jewel	136	Shawn Ryan - 100%	23-Feb-17	115015
YC35760	Crown Jewel	137	Shawn Ryan - 100%	23-Feb-17	115015
YC35761	Crown Jewel	138	Shawn Ryan - 100%	23-Feb-17	115015
YC35762	Crown Jewel	139	Shawn Ryan - 100%	23-Feb-17	115015

YC35763	Crown Jewel	140	Shawn Ryan - 100%	23-Feb-17	115015
YC35764	Crown Jewel	145	Shawn Ryan - 100%	23-Feb-17	115015
YC35765	Crown Jewel	146	Shawn Ryan - 100%	23-Feb-17	115015
YC35766	Crown Jewel	147	Shawn Ryan - 100%	23-Feb-17	115015
YC35767	Crown Jewel	148	Shawn Ryan - 100%	23-Feb-17	115015
YC35768	Crown Jewel	149	Shawn Ryan - 100%	23-Feb-17	115015
YC35769	Crown Jewel	150	Shawn Ryan - 100%	23-Feb-17	115015
YC36113	Prince	82	Shawn Ryan - 100%	23-Feb-17	115015
YC36114	Prince	83	Shawn Ryan - 100%	23-Feb-17	115015
YC36115	Prince	84	Shawn Ryan - 100%	23-Feb-17	115015
YC36116	Prince	85	Shawn Ryan - 100%	23-Feb-17	115015
YC36117	Prince	86	Shawn Ryan - 100%	23-Feb-17	115015
YC36118	Prince	87	Shawn Ryan - 100%	23-Feb-17	115015
YC36119	Prince	88	Shawn Ryan - 100%	23-Feb-17	115015
YC36120	Prince	89	Shawn Ryan - 100%	23-Feb-17	115015
YC36121	Prince	90	Shawn Ryan - 100%	23-Feb-17	115015
YC36122	Prince	91	Shawn Ryan - 100%	23-Feb-17	115015
YC36123	Prince	92	Shawn Ryan - 100%	23-Feb-17	115015
YC44334	NPrince	1	Shawn Ryan - 100%	23-Feb-17	115015
YC44335	NPrince	2	Shawn Ryan - 100%	23-Feb-17	115015
YC44336	NPrince	3	Shawn Ryan - 100%	23-Feb-17	115015
YC44337	NPrince	4	Shawn Ryan - 100%	23-Feb-17	115015
YC44338	NPrince	5	Shawn Ryan - 100%	23-Feb-17	115014
YC44339	NPrince	6	Shawn Ryan - 100%	23-Feb-17	115014
YC44340	NPrince	7	Shawn Ryan - 100%	23-Feb-17	115014
YC44341	NPrince	8	Shawn Ryan - 100%	23-Feb-17	115014
YC44342	NPrince	9	Shawn Ryan - 100%	23-Feb-17	115014
YC44343	NPrince	10	Shawn Ryan - 100%	23-Feb-17	115014
YC44344	NPrince	11	Shawn Ryan - 100%	23-Feb-17	115014
YC44345	NPrince	12	Shawn Ryan - 100%	23-Feb-17	115014
YC44346	NPrince	13	Shawn Ryan - 100%	23-Feb-17	115014
YC44347	NPrince	14	Shawn Ryan - 100%	23-Feb-17	115014
YC44348	NPrince	15	Shawn Ryan - 100%	23-Feb-17	115014
YC44349	NPrince	16	Shawn Ryan - 100%	23-Feb-17	115014
YC44350	King	13	Shawn Ryan - 100%	23-Feb-17	115015
YC44351	King	14	Shawn Ryan - 100%	23-Feb-17	115015
YC44352	King	15	Shawn Ryan - 100%	23-Feb-17	115015
YC44353	King	16	Shawn Ryan - 100%	23-Feb-17	115015
YC44354	King	17	Shawn Ryan - 100%	23-Feb-17	115015
YC44355	King	18	Shawn Ryan - 100%	23-Feb-17	115015
YC44356	King	19	Shawn Ryan - 100%	23-Feb-17	115015
YC44357	King	20	Shawn Ryan - 100%	23-Feb-17	115015
YC61040	Prince	93	Shawn Ryan - 100%	23-Feb-17	115015
YC61041	Prince	94	Shawn Ryan - 100%	23-Feb-17	115015
YC61042	Prince	95	Shawn Ryan - 100%	23-Feb-17	115015
YC61043	Prince	96	Shawn Ryan - 100%	23-Feb-17	115015
YC86597	King	43	Shawn Ryan - 100%	23-Feb-17	115015

YC86598	King	44	Shawn Ryan - 100%	23-Feb-17	115015
YC86599	King	45	Shawn Ryan - 100%	23-Feb-17	115015
YC86600	King	46	Shawn Ryan - 100%	23-Feb-17	115015
YC86748	King	47	Shawn Ryan - 100%	23-Feb-17	115015
YC86749	King	48	Shawn Ryan - 100%	23-Feb-17	115015
YC86750	King	49	Shawn Ryan - 100%	23-Feb-17	115015
YC86751	King	50	Shawn Ryan - 100%	23-Feb-17	115015
YC86752	King	51	Shawn Ryan - 100%	23-Feb-17	115015
YC86753	King	52	Shawn Ryan - 100%	23-Feb-17	115015
YC86754	King	53	Shawn Ryan - 100%	23-Feb-17	115014
YC86755	King	54	Shawn Ryan - 100%	23-Feb-17	115014
YD11751	Sophie	1	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11752	Sophie	2	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11753	Sophie	3	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11754	Sophie	4	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11755	Sophie	5	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11756	Sophie	6	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11757	Sophie	7	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11758	Sophie	8	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11759	Sophie	9	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11760	Sophie	10	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11761	Sophie	11	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11762	Sophie	12	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11763	Sophie	13	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11764	Sophie	14	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11765	Sophie	15	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11766	Sophie	16	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11767	Sophie	17	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11768	Sophie	18	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11769	Sophie	19	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11770	Sophie	20	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11771	Sophie	21	39242 Yukon Inc. - 100%	24-Dec-17	115015
YD11772	Sophie	22	39242 Yukon Inc. - 100%	24-Dec-17	115015
YE65081	SOPHIE	23	39242 Yukon Inc. - 100%	11-Oct-17	115015
YE65082	SOPHIE	24	39242 Yukon Inc. - 100%	11-Oct-17	115015
YE65083	SOPHIE	25	39242 Yukon Inc. - 100%	11-Oct-17	115015
YE65084	SOPHIE	26	39242 Yukon Inc. - 100%	11-Oct-17	115015
YE65085	SOPHIE	27	39242 Yukon Inc. - 100%	11-Oct-17	115015
YE65086	SOPHIE	28	39242 Yukon Inc. - 100%	11-Oct-17	115015
YE65087	SOPHIE	29	39242 Yukon Inc. - 100%	11-Oct-17	115015
YE65088	SOPHIE	30	39242 Yukon Inc. - 100%	11-Oct-17	115015
YE65089	SOPHIE	31	39242 Yukon Inc. - 100%	11-Oct-17	115015
YE79476	SOPHIE	32	39242 Yukon Inc. - 100%	11-Oct-15	115015
YE79477	SOPHIE	33	39242 Yukon Inc. - 100%	11-Oct-15	115015
YE79478	SOPHIE	34	39242 Yukon Inc. - 100%	11-Oct-15	115015
YE79479	SOPHIE	35	39242 Yukon Inc. - 100%	11-Oct-15	115015
YE79480	SOPHIE	36	39242 Yukon Inc. - 100%	11-Oct-15	115015

YE79481	SOPHIE	37	39242 Yukon Inc. - 100%	11-Oct-15	115015
YE79482	SOPHIE	39	39242 Yukon Inc. - 100%	11-Oct-15	115015
YE79484	SOPHIE	40	39242 Yukon Inc. - 100%	11-Oct-17	115015
YE79485	SOPHIE	41	39242 Yukon Inc. - 100%	11-Oct-17	115015

Appendix II

King Solomon 2014 Soil Survey - Summary Results										
Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1338323	600465	7081128	7.10	0.20	1.20	23.60	11.10	73.00	76.10	0.10
1338326	600469	7081081	9.40	0.30	1.30	24.30	13.10	80.00	30.40	0.10
1354906	599290	7080486	1.60	0.20	0.05	34.90	4.00	70.00	1.20	0.05
1354905	599289	7080435	3.10	0.20	0.10	32.10	9.90	69.00	4.30	0.05
1354904	599291	7080386	0.80	0.30	0.30	31.20	6.70	63.00	7.80	0.05
1374248	598891	7080424	0.70	0.10	0.30	29.30	4.00	70.00	6.70	0.05
1357019	598763	7081220	11.10	0.50	0.30	36.10	11.40	75.00	8.80	0.10
1357018	598761	7081267	12.90	0.20	0.30	30.00	8.20	61.00	7.10	0.05
1369775	599084	7080533	4.30	0.30	0.50	30.80	10.10	68.00	7.40	0.05
1369774	599084	7080533	5.00	0.30	0.60	30.40	7.20	64.00	8.10	0.05
1374247	598893	7080372	2.40	0.10	0.30	39.00	5.20	81.00	4.50	0.05
1345561	599081	7080627	7.00	0.30	0.40	56.60	7.40	65.00	7.60	0.05
1345562	599084	7080579	2.40	0.30	0.50	30.10	7.30	60.00	8.80	0.10
1345560	599076	7080677	3.50	0.10	0.50	43.10	6.80	63.00	7.60	0.05
1345559	599082	7080728	5.80	0.20	0.30	46.50	6.20	68.00	6.00	0.05
1345558	599077	7080778	14.90	0.30	0.20	108.00	6.40	73.00	3.30	0.05
1345556	599072	7080881	3.80	0.30	0.40	41.00	9.00	64.00	6.80	0.05
1345557	599074	7080828	32.70	0.10	0.40	49.40	7.60	58.00	7.60	0.05
1345554	599069	7080980	6.90	0.10	0.20	57.60	10.20	77.00	13.00	0.05
1345555	599072	7080930	4.00	0.60	0.05	85.30	5.40	57.00	3.90	0.05
1369763	599189	7080432	5.00	0.90	0.05	27.40	7.30	68.00	1.70	0.05
1369758	599176	7080681	7.10	0.30	0.60	65.20	8.00	77.00	7.10	0.05
1369762	599185	7080483	7.20	0.10	0.30	39.60	4.10	72.00	5.20	0.05
1369761	599184	7080532	8.00	0.30	0.40	39.20	9.10	63.00	7.80	0.10
1369759	599183	7080632	8.90	0.30	0.40	63.70	6.90	76.00	6.60	0.05
1349346	599055	7081427	10.50	0.20	0.80	23.10	9.10	81.00	32.80	0.05
1369760	599187	7080583	7.90	0.80	0.50	44.10	7.10	69.00	7.10	0.05

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1369755	599176	7080833	4.10	0.10	0.40	47.40	8.90	61.00	4.90	0.05
1369757	599179	7080733	45.20	0.30	0.50	118.70	9.60	88.00	3.50	0.05
1369756	599174	7080781	16.30	0.20	0.30	77.10	7.30	77.00	5.60	0.05
1369754	599172	7080882	8.30	0.30	0.10	56.20	15.70	67.00	3.40	0.05
1369753	599168	7080932	38.50	0.60	0.30	124.10	13.60	86.00	11.70	0.10
1393126	599166	7081031	5.90	0.20	0.20	58.00	5.20	56.00	4.90	0.05
1369752	599171	7080984	4.20	0.70	0.20	109.30	9.70	89.00	11.70	0.05
1354399	599168	7081132	2.60	0.05	0.50	27.40	9.00	72.00	6.10	0.05
1354400	599164	7081081	4.60	0.10	0.60	49.60	9.30	57.00	10.50	0.10
1354397	599167	7081233	7.90	0.10	0.20	37.90	7.40	60.00	3.40	0.05
1354398	599160	7081184	7.80	0.05	0.30	115.30	4.70	59.00	3.10	0.05
1354396	599160	7081283	4.10	0.10	0.50	40.40	9.60	75.00	4.80	0.10
1354395	599157	7081333	10.10	0.20	0.30	29.30	6.00	109.00	31.60	0.05
1354394	599160	7081383	10.70	0.20	1.10	41.90	11.70	117.00	34.60	0.10
1354393	599154	7081433	6.70	0.20	0.30	34.20	14.00	90.00	11.30	0.20
1392806	599868	7081106	2.30	0.05	0.05	15.60	7.60	73.00	2.90	0.05
1385206	599675	7080900	6.70	0.05	0.30	63.20	9.20	68.00	7.10	0.05
1374246	598891	7080324	30.80	0.05	0.80	33.00	5.90	68.00	7.30	0.05
1354933	599663	7081198	6.20	0.05	0.20	21.10	10.40	76.00	4.50	0.10
1357017	598758	7081320	8.20	0.20	0.50	31.20	13.40	74.00	7.80	0.05
1357016	598755	7081369	11.00	0.20	0.50	27.30	11.30	88.00	9.50	0.05
1357015	598752	7081420	3.20	0.10	0.30	39.20	12.90	95.00	16.30	0.10
1357014	598655	7081415	3.20	0.10	0.50	25.40	14.80	93.00	8.90	0.10
1357013	598656	7081366	1.70	0.30	1.60	46.70	15.50	115.00	22.20	0.10
1357012	598660	7081316	10.20	0.20	0.50	24.90	9.60	76.00	12.20	0.05
1345817	600659	7081334	8.60	0.30	1.10	41.10	24.50	114.00	17.80	0.20
1374245	598894	7080271	3.00	0.05	0.20	34.10	4.30	65.00	4.70	0.05
1357005	598563	7081213	3.50	0.30	0.80	18.30	13.20	72.00	18.50	0.20
1357010	598666	7081215	6.90	0.40	0.60	31.00	9.70	81.00	16.30	0.10
1374244	598898	7080225	5.00	0.10	0.10	60.40	2.10	70.00	1.90	0.05
1357011	598659	7081265	14.30	0.40	0.40	57.80	13.50	94.00	20.60	0.10
1357007	598564	7081109	4.40	0.30	0.70	19.60	9.50	57.00	13.40	0.10
1357006	598565	7081163	8.00	0.20	0.80	23.10	12.40	72.00	15.00	0.10

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1357008	598665	7081114	10.00	0.40	0.60	25.60	13.60	84.00	28.90	0.10
1357009	598666	7081165	19.10	0.20	0.50	49.00	7.70	80.00	7.70	0.05
1357049	598454	7081408	3.70	0.30	1.30	54.10	18.30	143.00	16.20	0.10
1357003	598556	7081308	12.90	0.20	0.80	26.50	9.40	78.00	12.30	0.10
1357004	598558	7081261	1.80	0.20	0.50	9.40	9.00	75.00	9.30	0.10
1357046	598459	7081259	7.70	0.10	0.70	11.50	7.10	49.00	6.80	0.10
1357002	598555	7081361	4.90	0.30	0.50	38.90	12.50	89.00	16.40	0.10
1357048	598455	7081359	2.60	0.20	0.60	15.10	9.20	74.00	8.30	0.10
1357050	598554	7081413	17.90	0.60	1.00	69.50	18.80	241.00	57.10	0.20
1357047	598462	7081308	11.80	0.30	0.50	20.10	9.60	67.00	5.60	0.20
1357045	598465	7081208	4.80	0.20	0.70	20.20	9.20	63.00	12.60	0.10
1357043	598363	7081206	4.30	0.20	0.70	30.50	7.00	82.00	5.60	0.10
1357044	598463	7081159	8.10	0.20	0.50	23.20	8.20	71.00	9.90	0.10
1357042	598361	7081255	10.00	0.20	0.60	17.10	8.00	74.00	6.50	0.10
1357040	598355	7081354	7.90	0.40	1.00	37.70	36.10	167.00	28.90	0.10
1357041	598359	7081302	4.80	0.20	1.60	17.90	14.20	76.00	14.40	0.20
1357039	598356	7081405	12.00	0.50	1.20	51.30	33.40	141.00	19.00	0.20
1357038	598156	7081397	3.30	0.20	0.90	36.30	10.50	108.00	19.80	0.10
1357037	598254	7081400	3.30	0.20	0.90	30.50	7.90	146.00	10.80	0.05
1369773	599084	7080479	3.90	0.30	0.50	34.80	8.20	63.00	7.70	0.10
1357036	598259	7081350	4.00	0.30	1.50	44.80	12.70	177.00	40.90	0.20
1374243	598997	7080230	3.50	0.05	0.30	42.10	6.20	75.00	18.50	0.05
1369770	599099	7080335	7.10	0.05	0.20	65.90	3.40	62.00	2.50	0.05
1369772	599094	7080431	7.60	0.30	0.20	33.90	4.00	70.00	4.70	0.05
1374240	598993	7080378	2.40	0.20	0.30	56.00	5.70	81.00	5.50	0.05
1369771	599094	7080379	2.60	0.05	0.10	80.90	1.90	67.00	3.50	0.05
1374242	598994	7080278	2.60	0.05	0.70	42.20	8.50	75.00	16.60	0.05
1357035	598259	7081302	2.50	0.30	1.50	28.70	11.50	94.00	19.20	0.05
1369769	599096	7080279	17.10	0.40	1.10	39.60	7.70	85.00	48.30	0.05
1374241	598995	7080328	5.90	0.20	0.20	55.20	4.70	66.00	3.10	0.05
1374239	598991	7080429	2.50	0.10	0.30	30.70	4.80	65.00	7.90	0.05
1374235	598984	7080629	4.80	0.20	0.05	40.60	2.80	66.00	9.10	0.05
1374236	598982	7080575	8.80	0.30	0.50	34.00	6.40	62.00	7.40	0.05

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1374237	598984	7080528	7.10	0.20	0.40	32.90	8.60	65.00	12.20	0.05
1374230	598969	7080875	13.80	2.10	0.20	36.70	8.10	90.00	13.60	0.05
1374238	598986	7080473	5.20	0.30	0.30	31.80	5.40	67.00	27.10	0.05
1374234	598977	7080677	2.20	0.20	0.50	44.70	5.20	70.00	7.60	0.05
1374231	598975	7080825	5.40	0.30	0.30	31.80	8.70	59.00	9.70	0.05
1374233	598978	7080728	7.20	0.30	0.30	69.20	8.50	71.00	5.10	0.05
1374232	598979	7080772	4.40	0.40	0.20	39.70	7.50	72.00	7.80	0.05
1374226	598967	7081075	4.60	0.40	0.20	36.50	7.90	69.00	6.10	0.05
1374229	598971	7080926	21.40	1.30	0.90	62.80	20.40	115.00	217.90	0.40
1374227	598967	7081026	9.60	0.30	0.10	75.40	14.70	83.00	9.70	0.05
1374228	598970	7080977	44.80	0.50	0.70	92.00	7.20	59.00	7.60	0.10
1354499	598962	7081175	10.30	0.40	0.30	32.40	11.90	82.00	6.50	0.05
1354500	598965	7081126	15.10	0.30	0.10	24.80	13.00	69.00	5.00	0.05
1354496	598957	7081326	28.60	0.10	0.30	37.90	8.40	71.00	5.80	0.05
1354498	598960	7081226	505.90	1.10	0.30	84.90	25.20	114.00	10.10	0.05
1354497	598957	7081274	5.20	0.10	0.20	44.20	5.30	69.00	5.40	0.05
1345553	599069	7081030	2.40	0.30	0.30	70.40	5.10	63.00	5.50	0.05
1354495	598958	7081377	11.10	0.20	0.30	34.80	9.00	80.00	6.50	0.10
1354494	598956	7081424	5.80	0.10	0.30	30.70	10.00	74.00	9.00	0.10
1354392	598762	7081169	14.30	0.50	0.30	41.70	15.90	83.00	6.60	0.05
1354788	598767	7081069	6.50	0.20	0.30	21.80	4.90	67.00	4.20	0.05
1354799	598783	7080669	7.40	0.05	0.80	23.40	10.30	54.00	8.80	0.10
1393100	598774	7080918	5.70	0.40	1.10	37.20	12.50	70.00	115.60	0.20
1374250	599063	7081130	26.10	0.40	0.10	54.10	24.80	105.00	8.00	0.05
1345552	599065	7081080	4.40	0.50	0.20	98.70	6.90	77.00	4.60	0.05
1354391	598769	7081119	18.30	0.50	0.40	19.40	6.60	67.00	5.20	0.05
1374249	599062	7081180	38.70	0.60	0.20	97.10	16.20	79.00	4.90	0.05
1354786	598767	7080969	9.40	0.30	0.70	27.90	11.20	86.00	12.00	0.10
1354787	598767	7081018	59.70	1.50	1.20	40.70	38.90	81.00	222.40	0.30
1349350	599062	7081228	17.90	0.10	0.40	56.60	5.70	71.00	3.00	0.05
1349349	599057	7081280	4.90	0.20	0.50	41.70	6.70	65.00	4.00	0.10
1354781	598777	7080770	6.10	0.05	0.50	40.60	4.50	68.00	13.40	0.05
1354800	598777	7080718	1.80	0.05	0.50	29.20	6.70	64.00	8.10	0.05

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1354798	598778	7080618	0.90	0.05	0.30	24.10	4.40	81.00	13.90	0.05
1349348	599057	7081331	7.70	0.20	0.40	37.90	9.90	74.00	4.20	0.10
1393099	598777	7080870	3.30	0.20	0.90	24.00	6.40	58.00	10.80	0.05
1393098	598776	7080818	6.50	0.20	0.30	27.00	3.60	80.00	9.50	0.05
1354797	598782	7080568	3.20	0.10	0.60	24.00	6.20	67.00	9.40	0.10
1354789	598864	7081171	10.40	0.30	0.40	22.40	9.90	67.00	7.60	0.05
1354794	598788	7080418	5.40	0.20	0.60	45.10	6.20	78.00	8.10	0.10
1354795	598787	7080468	12.30	0.10	0.40	31.70	3.30	77.00	5.10	0.05
1354796	598786	7080517	10.60	0.10	0.40	27.70	5.30	76.00	7.00	0.05
1354791	598795	7080270	3.90	0.10	0.70	37.80	9.00	62.00	7.70	0.10
1354793	598789	7080370	2.00	0.05	0.40	19.10	2.30	67.00	2.30	0.05
1354790	598797	7080219	5.50	0.05	0.30	70.80	2.90	84.00	4.20	0.05
1354792	598794	7080318	3.30	0.10	0.60	31.20	9.00	61.00	7.50	0.10
1374045	598859	7081270	23.30	0.30	0.50	39.70	20.80	86.00	7.70	0.10
1374049	598862	7081221	9.50	0.30	0.40	40.90	11.40	62.00	6.90	0.10
1345573	598870	7080972	24.20	0.20	0.20	17.90	6.50	70.00	17.60	0.05
1374046	598863	7081322	6.10	0.20	0.30	61.20	7.70	74.00	5.90	0.05
1374076	598868	7081070	12.10	0.20	0.10	17.20	7.70	75.00	6.80	0.05
1374047	598858	7081371	8.50	0.05	0.40	31.30	8.60	68.00	7.90	0.05
1369768	599097	7080230	5.30	0.30	0.40	85.10	7.00	71.00	75.00	0.05
1369767	599197	7080234	3.50	0.30	0.30	33.00	8.80	78.00	9.50	0.05
1374048	598857	7081422	3.80	0.20	0.70	34.40	9.60	76.00	10.20	0.10
1374077	598867	7081122	5.60	0.30	0.30	26.50	7.30	73.00	5.20	0.05
1369766	599191	7080283	15.60	0.40	0.70	52.20	9.40	88.00	6.20	0.05
1345574	598872	7081021	9.60	0.30	0.90	27.20	5.60	85.00	7.30	0.10
1369765	599188	7080331	6.40	0.50	0.70	59.20	11.20	125.00	11.20	0.05
1345575	598872	7081021	8.20	0.20	0.90	36.20	4.90	92.00	9.50	0.10
1345572	598874	7080920	1.30	0.30	0.50	19.00	12.20	73.00	11.00	0.30
1345569	598880	7080770	2.30	0.05	0.40	46.70	4.00	69.00	14.80	0.05
1345571	598873	7080871	66.70	1.70	0.70	31.60	17.20	86.00	96.60	0.05
1345563	598889	7080473	1.50	0.10	0.50	22.60	6.10	61.00	8.90	0.05
1345570	598877	7080818	8.20	0.20	0.20	21.60	4.60	80.00	9.80	0.05
1345567	598882	7080669	109.40	0.10	0.20	29.10	3.00	79.00	2.70	0.05

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1345568	598877	7080720	7.90	0.05	0.20	32.00	4.40	70.00	7.50	0.05
1345565	598887	7080571	3.50	0.20	0.40	33.10	4.40	68.00	6.80	0.05
1345566	598885	7080621	3.90	0.20	0.40	31.60	5.80	70.00	6.30	0.05
1345564	598890	7080521	3.90	0.20	0.30	39.40	5.20	72.00	8.90	0.05
1369764	599195	7080382	6.30	0.05	0.10	31.70	5.50	57.00	4.10	0.05
1349347	599057	7081381	11.00	0.20	0.40	38.40	10.90	79.00	4.70	0.10
1338258	600970	7080997	10.00	0.20	1.10	12.70	6.30	59.00	12.10	0.10
1345812	600668	7081085	13.30	0.30	1.30	24.80	11.30	83.00	60.10	0.10
1385216	600763	7081239	152.10	0.30	1.20	24.50	9.70	69.00	23.00	0.20
1345811	600781	7080739	8.60	0.10	0.60	25.60	7.90	77.00	10.30	0.10
1345813	600666	7081135	7.20	0.30	1.20	28.30	14.60	73.00	59.20	0.10
1338309	600654	7081484	7.00	0.30	1.00	26.60	10.50	65.00	13.80	0.30
1338308	600653	7081536	9.30	0.30	1.00	29.00	6.50	43.00	11.20	0.40
1385224	600776	7080838	7.70	0.05	0.80	21.10	7.60	71.00	16.30	0.05
1385225	600776	7080838	9.00	0.05	0.80	21.40	7.90	74.00	16.50	0.10
1345810	600777	7080789	23.70	0.20	0.90	23.00	9.00	77.00	15.80	0.10
1385214	600759	7081339	15.80	0.30	1.00	31.20	15.60	91.00	13.90	0.20
1385213	600757	7081390	6.90	0.30	0.90	23.00	9.40	68.00	8.80	0.20
1385212	600757	7081439	12.30	0.40	1.30	24.10	8.40	62.00	14.40	0.30
1385211	600756	7081489	11.40	0.60	1.10	17.80	9.30	54.00	14.50	0.30
1385210	600753	7081539	7.60	0.30	1.00	16.40	7.90	49.00	16.70	0.30
1339631	599563	7081201	10.70	0.20	0.30	37.60	11.20	60.00	6.30	0.05
1339632	599565	7081151	1.10	0.20	0.05	51.30	5.20	64.00	1.90	0.05
1385209	600750	7081589	7.90	0.30	0.70	19.40	5.80	41.00	12.20	0.30
1339630	599560	7081251	6.80	0.20	0.20	42.90	10.00	66.00	2.10	0.05
1385208	600749	7081640	17.30	0.50	0.80	32.40	10.80	66.00	16.80	0.60
1339629	599560	7081301	5.90	0.40	0.40	48.80	16.70	74.00	10.30	0.10
1339628	599557	7081351	4.00	0.30	1.10	19.60	11.50	80.00	19.40	0.10
1339627	599555	7081401	0.25	0.20	1.00	36.70	12.90	95.00	14.80	0.10
1349492	600885	7080595	4.20	0.10	0.50	27.30	12.90	67.00	31.20	0.10
1339633	599568	7081101	2.30	0.10	0.70	33.40	11.30	66.00	14.40	0.10
1339635	599570	7081000	2.10	0.10	0.90	37.30	12.70	72.00	11.00	0.10
1339634	599569	7081050	5.30	0.20	0.30	47.10	13.10	87.00	3.30	0.05

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1339637	599574	7080900	0.80	0.05	0.30	74.10	5.60	64.00	4.70	0.05
1339636	599572	7080951	2.70	0.05	0.60	34.30	8.00	67.00	7.20	0.10
1339640	599580	7080750	4.50	0.20	1.00	40.30	8.30	74.00	53.50	0.10
1339639	599577	7080801	3.60	0.40	0.30	78.60	11.70	80.00	5.30	0.05
1339638	599575	7080851	2.60	0.40	0.30	85.50	7.50	68.00	7.30	0.05
1339641	599581	7080700	1.50	0.20	0.90	50.00	9.40	69.00	10.00	0.10
1339644	599587	7080551	2.90	0.30	0.70	52.70	9.90	81.00	12.00	0.10
1339642	599582	7080650	1.20	0.40	0.50	92.90	9.60	71.00	15.70	0.05
1339643	599584	7080601	6.00	0.30	0.40	65.40	6.60	74.00	15.90	0.10
1339645	599588	7080499	2.00	0.20	0.40	51.90	6.60	66.00	9.30	0.05
1339646	599591	7080451	4.60	0.20	0.50	26.50	7.20	71.00	5.70	0.05
1339626	599555	7081446	0.25	0.05	1.00	27.40	7.00	64.00	28.10	0.10
1385207	600747	7081688	11.00	0.40	0.80	22.90	6.90	52.00	8.90	0.20
1349499	600784	7080639	7.30	0.10	0.50	23.30	14.00	67.00	20.00	0.20
1354902	599295	7080286	7.90	0.20	0.40	61.60	10.90	93.00	53.00	0.20
1392805	599865	7081157	0.25	0.05	0.30	30.70	6.90	63.00	4.50	0.05
1354932	599662	7081249	5.70	0.30	0.60	38.80	16.80	91.00	10.20	0.10
1354931	599660	7081301	5.90	0.30	0.50	29.70	17.20	76.00	8.80	0.10
1354930	599660	7081350	3.60	0.30	1.40	29.10	14.20	103.00	30.20	0.10
1354929	599656	7081400	2.60	0.30	1.20	31.40	13.10	103.00	22.80	0.10
1354928	599653	7081450	2.00	0.50	1.20	52.00	15.80	101.00	22.50	0.10
1354926	599256	7081386	3.60	0.05	0.80	30.50	10.70	74.00	18.10	0.20
1385205	599671	7080947	3.90	0.10	0.60	29.10	9.10	52.00	8.40	0.10
1385204	599670	7081000	3.00	0.10	0.70	34.60	10.90	63.00	8.90	0.20
1354927	599254	7081437	4.40	0.05	1.00	29.00	12.70	83.00	17.80	0.20
1354922	599261	7081236	1.70	0.05	0.30	31.30	5.30	64.00	3.80	0.05
1385203	599669	7081050	4.10	0.20	0.50	42.00	11.20	67.00	8.30	0.10
1354924	599259	7081335	6.20	0.10	0.60	50.40	11.80	126.00	110.30	0.05
1354925	599256	7081386	5.20	0.05	0.80	28.20	10.50	77.00	19.90	0.10
1354923	599260	7081285	8.30	0.10	0.80	35.60	10.40	89.00	19.10	0.10
1354919	599268	7081088	12.60	0.10	0.40	37.50	5.20	80.00	4.00	0.05
1354920	599267	7081136	1.90	0.05	0.05	34.00	9.60	28.00	3.30	0.05
1354921	599263	7081187	0.70	0.05	0.60	26.60	7.70	55.00	5.00	0.10

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1354916	599273	7080937	2.70	0.20	0.30	53.40	6.10	62.00	4.20	0.05
1354918	599269	7081035	4.50	0.20	0.50	37.10	7.80	58.00	8.00	0.05
1354917	599270	7080986	9.00	0.40	0.30	52.90	8.70	73.00	7.50	0.05
1354913	599277	7080786	10.60	0.40	0.50	101.30	10.90	87.00	16.30	0.05
1354915	599274	7080886	1.20	0.10	0.40	40.10	6.70	55.00	6.00	0.05
1354914	599274	7080836	3.50	0.10	0.40	82.10	5.70	64.00	4.80	0.05
1354912	599280	7080736	4.70	0.10	0.40	83.70	4.40	69.00	3.90	0.05
1354911	599280	7080684	10.00	0.20	0.30	110.00	5.80	89.00	7.60	0.05
1354910	599285	7080637	1.30	0.40	0.20	39.90	5.30	79.00	7.40	0.10
1354909	599285	7080587	2.80	1.30	0.30	43.00	5.30	74.00	5.40	0.05
1354908	599286	7080536	1.40	0.30	0.50	35.70	7.40	63.00	9.90	0.10
1354903	599294	7080336	5.30	0.20	0.60	40.20	6.40	79.00	10.50	0.05
1385250	599665	7081149	14.00	0.05	0.40	33.40	12.00	74.00	5.60	0.10
1385202	599666	7081098	6.90	0.10	0.80	29.40	9.70	64.00	6.80	0.10
1385249	599360	7081290	4.90	0.05	0.50	29.70	15.00	85.00	23.10	0.05
1385248	599359	7081339	11.90	0.05	0.60	29.80	18.50	84.00	36.60	0.10
1385247	599358	7081390	14.00	0.70	1.50	54.80	19.20	102.00	69.10	0.10
1385246	599355	7081438	7.50	0.50	2.20	48.30	17.20	113.00	58.60	0.10
1345816	600661	7081284	5.40	0.30	1.10	33.00	23.40	103.00	26.60	0.20
1385243	599365	7081140	3.70	0.10	0.30	37.20	10.20	60.00	4.50	0.05
1385242	599367	7081090	7.00	0.10	0.30	37.10	5.70	56.00	8.10	0.10
1345815	600661	7081236	6.80	0.30	1.20	23.60	11.50	68.00	47.40	0.20
1345814	600664	7081186	6.50	0.30	1.30	29.80	12.40	83.00	53.10	0.10
1385245	599363	7081238	5.20	0.05	0.20	34.80	8.80	66.00	3.90	0.05
1385241	599368	7081039	4.60	0.05	0.50	31.90	8.90	69.00	7.10	0.05
1385244	599366	7081193	7.30	0.10	0.30	43.50	9.00	71.00	5.80	0.10
1385240	599369	7080990	6.10	0.05	0.30	32.10	5.90	61.00	4.90	0.05
1385236	599378	7080791	5.30	0.20	0.30	62.40	7.90	71.00	2.90	0.05
1385239	599373	7080942	8.10	0.10	0.20	46.10	4.50	55.00	4.40	0.05
1385238	599372	7080891	6.60	0.10	0.50	32.90	9.00	58.00	4.90	0.10
1385237	599375	7080840	21.10	0.20	0.30	64.30	6.40	70.00	4.00	0.05
1338257	600970	7081046	7.30	0.20	1.00	13.10	5.80	57.00	16.20	0.10
1385232	599384	7080588	2.90	0.30	0.20	44.30	4.60	63.00	8.20	0.05

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1385235	599379	7080743	6.30	0.20	0.70	58.30	9.40	66.00	8.50	0.20
1385234	599382	7080688	3.80	0.40	0.30	72.60	5.60	66.00	4.90	0.05
1385233	599384	7080641	17.10	0.30	0.30	57.60	6.40	69.00	8.70	0.05
1385226	599395	7080291	4.40	0.60	0.80	38.20	9.00	82.00	103.70	0.20
1385230	599390	7080488	2.30	0.40	0.70	39.30	9.30	58.00	12.30	0.10
1385231	599387	7080540	4.70	0.50	0.20	28.60	2.70	52.00	4.40	0.05
1385227	599394	7080339	10.00	0.50	0.60	37.50	10.50	81.00	16.00	0.10
1385229	599390	7080440	3.60	0.20	0.70	26.10	12.10	64.00	23.40	0.20
1385228	599391	7080390	3.80	0.20	0.80	29.20	9.00	60.00	15.30	0.20
1338254	599690	7080447	3.60	0.05	0.40	23.30	8.40	84.00	5.40	0.05
1385220	600770	7081040	36.50	0.30	0.60	23.10	34.60	108.00	14.80	0.10
1385223	600775	7080888	6.80	0.20	0.70	17.80	11.30	75.00	9.80	0.10
1385222	600773	7080939	40.40	0.30	1.00	23.50	11.20	81.00	14.00	0.10
1385221	600772	7080990	50.50	0.20	1.50	28.90	12.00	73.00	9.90	0.40
1385218	600766	7081139	9.80	0.30	1.30	24.90	16.80	86.00	43.40	0.20
1385219	600768	7081090	9.80	0.40	1.30	39.80	30.90	99.00	38.20	0.20
1385217	600764	7081190	25.40	0.30	1.10	25.40	15.10	84.00	31.60	0.20
1385215	600762	7081291	14.00	0.40	1.10	31.70	20.30	97.00	17.00	0.20
1339647	599592	7080401	8.30	0.30	1.00	33.00	8.40	90.00	8.90	0.20
1349498	600786	7080589	14.00	0.10	0.60	41.00	8.10	89.00	176.60	0.10
1349496	600788	7080489	9.10	0.10	1.10	38.80	11.30	98.00	31.10	0.10
1349497	600786	7080538	16.50	0.05	0.70	26.80	11.10	68.00	22.10	0.10
1338341	600166	7081117	6.60	0.60	1.10	34.60	76.90	80.00	21.30	0.60
1349495	600791	7080438	2.50	0.10	0.60	30.40	8.50	79.00	21.50	0.10
1338342	600160	7081269	12.50	0.20	1.20	31.80	11.20	64.00	54.60	0.20
1349493	600888	7080493	5.50	0.20	0.80	39.40	16.20	94.00	117.70	0.20
1349494	600891	7080443	10.10	0.10	0.80	30.50	10.30	99.00	19.30	0.10
1370423	600170	7081016	4.50	0.05	0.40	21.70	9.90	68.00	11.40	0.05
1354907	600888	7080542	9.70	0.20	0.80	29.20	12.20	72.00	24.80	0.20
1370424	600160	7081318	10.30	0.30	0.90	34.00	12.30	81.00	46.60	0.20
1370422	600176	7080865	5.30	0.20	0.80	31.80	10.70	71.00	17.00	0.10
1370420	600591	7080433	10.00	0.20	1.10	25.50	10.40	96.00	7.90	0.20
1370404	600563	7081233	9.40	0.30	1.20	38.50	12.80	87.00	50.90	0.20

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1370421	600491	7080379	2.10	0.10	1.00	25.20	9.10	70.00	5.20	0.10
1370416	600583	7080632	6.80	0.10	0.50	21.70	13.10	58.00	12.20	0.20
1370410	600573	7080932	23.20	0.05	0.50	32.60	10.50	96.00	19.10	0.05
1370405	600564	7081182	114.50	1.00	1.40	81.80	23.90	177.00	20.00	0.30
1370408	600570	7081032	10.40	0.20	0.80	25.20	13.60	84.00	16.10	0.10
1370407	600568	7081081	11.30	0.30	0.80	30.00	11.10	87.00	47.20	0.10
1370406	600566	7081132	6.30	0.30	0.90	28.90	25.20	80.00	36.30	0.20
1345825	600557	7081382	16.60	0.30	0.80	44.80	14.50	75.00	11.20	0.30
1370403	600561	7081283	16.80	0.80	1.60	150.70	132.90	401.00	13.90	0.30
1392799	599856	7081406	6.40	0.30	1.20	32.20	18.80	115.00	33.40	0.10
1349491	600883	7080645	5.60	0.20	0.50	24.20	11.60	76.00	18.20	0.20
1349490	600881	7080692	30.00	0.80	1.60	56.30	26.50	180.00	11.50	0.20
1392804	599864	7081208	30.90	0.40	1.40	31.80	21.60	97.00	580.30	0.10
1339648	599593	7080350	2.30	0.50	0.80	31.90	12.40	83.00	22.80	0.20
1339649	599595	7080301	6.40	0.60	1.00	37.20	13.20	86.00	11.70	0.10
1338264	600980	7080697	11.00	0.20	1.40	23.60	15.60	81.00	9.50	0.20
1338265	600982	7080647	6.00	0.20	0.70	18.50	11.10	74.00	12.10	0.10
1338267	600988	7080546	23.70	0.05	0.60	16.30	6.80	66.00	15.90	0.10
1338268	600988	7080496	4.20	0.10	1.10	23.30	11.70	66.00	19.70	0.10
1338269	600989	7080447	39.40	0.10	0.90	25.20	10.70	72.00	15.50	0.10
1338270	600691	7080435	4.30	0.10	0.70	23.90	9.00	80.00	4.10	0.10
1338252	599693	7080346	18.70	0.50	0.40	42.50	12.90	86.00	36.10	0.05
1338271	600689	7080485	5.30	0.20	0.60	26.60	8.30	75.00	35.80	0.10
1354959	600673	7080936	6.70	0.20	0.60	29.40	11.10	90.00	36.40	0.10
1354960	600671	7080985	6.80	0.20	0.70	26.90	12.70	75.00	20.50	0.10
1338262	600977	7080796	7.90	0.10	1.00	10.10	8.90	49.00	8.90	0.10
1338263	600979	7080746	22.20	0.20	1.10	19.70	9.10	87.00	8.70	0.20
1338266	600985	7080596	18.10	0.10	1.00	23.80	7.30	56.00	66.20	0.20
1339650	599696	7080301	18.50	0.40	1.50	49.40	11.80	91.00	28.30	0.05
1338255	599688	7080497	3.70	0.05	0.30	14.20	6.80	74.00	5.10	0.05
1338253	599692	7080397	5.60	0.20	0.30	33.80	6.20	69.00	6.00	0.05
1354954	600682	7080685	4.20	0.05	0.30	22.30	11.10	68.00	16.80	0.10
1338256	599685	7080547	7.80	0.20	0.30	19.90	8.00	75.00	3.40	0.05

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1354952	600684	7080636	8.90	0.30	0.30	21.00	22.20	57.00	30.50	0.30
1354958	600675	7080886	27.00	0.20	0.80	34.20	10.90	98.00	13.80	0.10
1354957	600677	7080835	11.40	0.20	0.40	27.60	9.50	94.00	13.70	0.10
1354955	600680	7080736	4.40	0.10	0.60	28.30	10.70	84.00	20.60	0.10
1354956	600678	7080786	1.80	0.05	0.50	21.90	8.20	65.00	11.40	0.05
1338273	600685	7080585	3.60	0.20	0.30	31.00	16.30	77.00	14.80	0.20
1338259	600973	7080947	7.60	0.40	0.80	20.20	11.60	71.00	11.80	0.10
1338260	600975	7080897	6.80	0.20	1.10	17.50	8.70	61.00	14.20	0.10
1338261	600977	7080847	4.20	0.20	1.10	15.70	12.60	74.00	9.90	0.10
1354950	600880	7080742	22.80	0.60	1.90	38.60	37.00	370.00	11.60	0.20
1349500	600781	7080687	17.50	0.20	0.50	33.90	16.00	86.00	29.20	0.20
1354939	600860	7081294	30.40	0.40	0.80	27.50	16.80	87.00	13.90	0.20
1354948	600877	7080844	17.30	0.20	0.80	31.20	21.20	135.00	8.80	0.20
1354947	600874	7080893	81.50	0.20	1.00	16.70	10.30	74.00	8.50	0.10
1354945	600871	7080994	23.20	0.20	1.00	24.90	15.80	84.00	10.20	0.20
1354944	600868	7081043	16.50	0.30	1.00	20.90	20.90	86.00	12.80	0.20
1354941	600863	7081194	6.10	0.20	0.80	13.10	7.30	71.00	14.30	0.20
1354946	600873	7080944	41.00	0.40	0.90	22.80	12.30	78.00	12.10	0.10
1354940	600862	7081244	10.50	0.20	0.90	21.90	13.60	74.00	26.70	0.20
1354942	600867	7081146	10.20	0.30	1.10	20.80	17.30	90.00	29.80	0.20
1354943	600868	7081094	6.50	0.40	1.20	19.60	19.70	103.00	20.50	0.20
1354937	600858	7081394	13.00	0.30	1.00	16.90	11.40	72.00	7.90	0.20
1354936	600856	7081444	8.60	0.20	0.40	13.70	6.10	35.00	15.20	0.20
1354938	600858	7081344	5.80	0.20	0.70	22.10	10.30	75.00	12.10	0.30
1354949	600880	7080794	15.90	0.40	1.30	31.20	26.60	149.00	11.80	0.20
1354935	600854	7081493	12.20	0.10	0.40	9.70	4.10	34.00	9.20	0.10
1354892	600831	7082143	3.70	0.05	0.50	14.90	6.10	44.00	7.80	0.20
1354893	600834	7082093	19.20	0.05	0.30	9.30	4.00	31.00	5.80	0.20
1354894	600834	7082042	0.90	0.05	0.60	26.60	6.60	58.00	9.30	0.05
1354895	600837	7081991	0.25	0.05	0.60	25.50	5.60	56.00	7.00	0.10
1354896	600839	7081942	12.70	0.10	0.60	30.60	6.20	50.00	8.90	0.10
1354897	600839	7081893	5.60	0.20	0.80	26.30	9.40	34.00	12.60	0.10
1338302	600846	7081692	4.20	0.05	0.60	13.10	5.70	40.00	7.00	0.10

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1354898	600841	7081841	1.70	0.05	0.70	24.70	5.70	44.00	11.70	0.10
1338307	600650	7081585	22.50	0.40	0.80	20.80	7.90	50.00	68.10	0.60
1354900	600845	7081743	14.40	0.10	0.60	17.50	7.10	50.00	7.20	0.10
1354899	600843	7081791	4.70	0.05	0.60	17.10	6.50	45.00	7.30	0.10
1338304	600850	7081593	89.50	0.05	0.60	11.10	5.80	35.00	8.40	0.10
1338303	600848	7081643	8.10	0.05	0.70	11.70	7.10	41.00	7.90	0.10
1338306	600648	7081635	19.90	0.40	0.90	35.10	7.40	47.00	43.00	0.50
1338305	600646	7081686	23.90	0.40	0.90	25.00	6.70	41.00	72.10	0.40
1392778	600181	7080716	3.60	0.05	0.20	49.20	4.90	74.00	2.60	0.05
1354891	600829	7082192	22.40	0.10	0.50	10.70	5.80	41.00	7.70	0.20
1354934	600852	7081543	37.10	0.05	0.50	9.00	3.70	34.00	8.00	0.10
1392888	599961	7081259	19.20	0.20	2.00	45.00	14.80	98.00	299.90	0.10
1392777	600185	7080618	4.60	0.70	5.50	52.30	67.10	108.00	63.60	0.70
1392776	600185	7080566	4.20	0.05	0.80	20.10	9.30	94.00	6.30	0.20
1392775	600191	7080418	3.60	0.05	0.20	13.30	2.90	67.00	1.50	0.05
1338310	600656	7081435	5.90	0.30	1.20	30.70	12.50	71.00	12.80	0.30
1338272	600688	7080536	5.40	0.20	0.30	25.00	11.20	67.00	29.00	0.10
1338311	600658	7081384	13.40	0.30	1.00	33.60	11.80	71.00	12.00	0.20
1392773	600192	7080368	4.40	0.10	0.40	23.70	6.70	62.00	4.50	0.05
1392774	600191	7080418	4.20	0.05	0.05	16.60	3.40	69.00	1.70	0.05
1354884	600818	7082542	8.40	0.05	0.90	35.90	8.00	62.00	8.80	0.20
1354885	600818	7082493	7.40	0.05	0.80	19.30	6.50	48.00	7.40	0.10
1354886	600819	7082443	12.80	0.10	0.90	16.60	6.70	44.00	8.80	0.20
1354887	600822	7082392	39.00	0.05	0.30	32.20	4.30	44.00	5.90	0.20
1392770	600290	7080472	6.40	0.20	0.70	47.90	8.60	86.00	2.30	0.10
1354888	600824	7082343	33.30	0.05	0.70	15.80	6.80	46.00	9.20	0.10
1354890	600828	7082243	10.70	0.05	0.60	11.20	5.60	40.00	11.90	0.20
1354889	600826	7082293	18.80	0.10	0.80	10.70	7.30	46.00	8.50	0.20
1392772	600293	7080371	8.00	0.05	0.70	34.70	6.70	84.00	3.40	0.05
1392771	600290	7080423	5.70	0.05	0.70	20.10	6.40	68.00	4.10	0.05
1392768	600286	7080573	2.70	0.05	0.50	32.00	10.90	83.00	10.40	0.20
1392769	600288	7080521	8.10	0.05	0.30	11.70	3.60	92.00	3.00	0.05
1392764	600278	7080770	8.10	0.05	0.30	43.50	7.20	70.00	18.90	0.05

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1392767	600284	7080621	5.30	0.05	0.10	30.80	4.50	55.00	2.00	0.05
1392765	600280	7080722	7.70	0.05	0.90	29.30	13.90	108.00	5.40	0.05
1392763	600276	7080821	9.10	0.10	0.80	45.30	12.60	88.00	142.20	0.05
1392762	600274	7080872	10.70	0.10	1.00	28.20	10.80	67.00	37.70	0.05
1392761	600273	7080922	7.00	0.20	0.90	33.70	11.60	71.00	18.50	0.05
1392760	600271	7080973	15.90	0.30	1.00	35.30	26.50	70.00	11.60	0.20
1392779	600174	7080917	5.40	0.20	1.00	28.80	11.60	70.00	13.40	0.05
1392780	600170	7081068	5.20	0.10	1.10	24.50	13.90	69.00	39.90	0.10
1354992	600157	7081367	13.40	0.20	1.50	40.70	25.20	120.00	12.80	0.20
1392803	599862	7081256	5.70	0.70	0.70	45.40	21.30	81.00	34.00	0.20
1354989	600178	7080768	5.30	0.20	0.50	50.40	10.50	73.00	4.80	0.05
1392759	600269	7081023	49.30	0.10	0.80	31.70	12.70	75.00	44.50	0.10
1392758	600268	7081073	11.30	0.20	1.30	33.20	15.20	81.00	13.90	0.20
1354990	600172	7080967	3.80	0.30	0.50	50.60	7.40	78.00	17.60	0.05
1354991	600165	7081167	25.80	0.20	2.30	48.40	25.30	97.00	467.80	0.30
1392757	600266	7081122	8.30	0.20	1.20	31.50	15.90	83.00	40.40	0.20
1392756	600263	7081172	11.50	0.20	0.90	26.30	13.30	74.00	134.60	0.10
1354986	600189	7080469	30.50	0.05	0.30	16.90	6.90	84.00	2.60	0.05
1354988	600182	7080669	6.70	0.20	0.80	63.80	9.20	68.00	7.20	0.20
1354985	600390	7080425	9.10	0.05	1.30	28.00	7.20	82.00	4.10	0.20
1354987	600188	7080518	3.00	0.05	0.60	28.30	12.60	87.00	1.70	0.30
1338275	600393	7080375	3.10	0.20	0.90	27.10	6.60	80.00	3.90	0.10
1392755	600260	7081222	92.30	0.20	1.30	24.90	13.90	76.00	87.50	0.10
1354982	600386	7080573	8.80	0.05	0.40	37.00	4.80	86.00	5.10	0.05
1354983	600388	7080524	1.30	0.10	0.30	30.30	6.30	73.00	4.80	0.05
1338274	600393	7080375	4.80	0.20	1.10	26.50	6.80	79.00	3.70	0.10
1354984	600389	7080475	12.60	0.10	0.50	43.30	4.60	90.00	4.30	0.10
1354981	600384	7080624	1.20	0.05	0.50	24.00	6.80	55.00	6.70	0.05
1354980	600382	7080673	4.00	0.05	0.40	28.10	8.90	69.00	5.10	0.05
1354978	600378	7080774	6.00	0.10	0.60	30.10	12.70	84.00	22.80	0.05
1354979	600380	7080724	5.40	0.05	0.90	27.10	10.60	66.00	10.40	0.10
1354977	600378	7080823	3.20	0.05	0.30	34.30	8.60	71.00	11.40	0.05
1354967	600374	7080874	14.60	0.05	0.40	33.00	11.10	79.00	11.10	0.05

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1354966	600373	7080924	3.90	0.10	1.10	26.60	10.60	71.00	17.00	0.10
1354965	600371	7080974	2.00	0.20	0.80	23.40	14.90	74.00	18.40	0.10
1354964	600370	7081024	5.00	0.05	0.90	35.20	8.40	80.00	43.00	0.05
1354963	600368	7081074	5.30	0.20	0.90	31.20	12.70	79.00	33.70	0.10
1354962	600367	7081124	20.70	0.10	1.20	24.80	11.60	73.00	57.60	0.10
1392753	600258	7081323	10.00	0.30	1.20	34.20	14.90	127.00	10.70	0.20
1354976	600366	7081174	11.00	0.20	2.10	42.30	10.80	105.00	414.50	0.10
1354968	600354	7081474	53.20	0.50	1.20	52.70	14.90	79.00	19.20	0.40
1338327	600469	7081028	7.60	0.20	0.90	25.70	11.30	82.00	17.60	0.10
1338328	600471	7080979	49.90	0.05	0.80	22.20	10.60	73.00	13.40	0.05
1338329	600473	7080929	356.20	0.20	0.80	27.50	9.00	75.00	11.20	0.05
1338330	600473	7080878	5.00	0.10	0.80	22.10	11.40	65.00	11.30	0.05
1338331	600476	7080828	7.10	0.05	0.80	33.70	16.00	87.00	18.10	0.05
1338332	600477	7080779	6.90	0.10	0.90	28.40	10.20	74.00	14.30	0.10
1354971	600360	7081324	6.80	0.20	1.20	52.60	18.00	82.00	14.50	0.20
1338333	600479	7080729	4.70	0.10	0.80	19.10	8.50	60.00	13.70	0.10
1338334	600482	7080679	6.40	0.10	0.40	34.40	22.50	73.00	22.10	0.30
1338335	600483	7080628	5.70	0.20	0.30	38.70	12.70	77.00	14.90	0.10
1338336	600485	7080580	10.70	0.10	0.80	33.30	8.10	89.00	62.20	0.10
1392754	600261	7081272	14.70	0.05	1.00	43.90	10.90	88.00	41.20	0.10
1338337	600488	7080528	33.60	0.10	0.70	33.90	6.70	97.00	25.40	0.10
1338338	600488	7080478	6.40	0.20	0.90	25.30	6.50	62.00	3.40	0.10
1338339	600491	7080428	7.20	0.10	1.00	13.80	9.30	77.00	3.50	0.20
1338340	600177	7080817	17.00	0.10	1.30	45.80	11.30	82.00	35.50	0.05
1392752	600258	7081372	25.20	0.40	1.30	67.30	19.70	179.00	12.60	0.20
1354972	600361	7081274	20.70	0.05	0.70	30.40	10.90	81.00	11.50	0.20
1354325	600255	7081421	9.90	0.80	6.40	52.80	36.50	90.00	10.10	0.20
1354969	600356	7081424	9.80	0.20	0.50	114.10	27.40	112.00	4.70	0.10
1354323	600253	7081471	14.30	0.20	0.90	61.80	6.90	71.00	9.80	0.60
1354970	600358	7081374	53.50	0.40	2.00	44.70	7.10	56.00	13.40	0.70
1354324	600255	7081421	9.10	0.50	2.70	37.60	26.50	114.00	8.70	0.20
1354973	600362	7081224	3.00	0.05	0.60	32.10	6.50	68.00	31.10	0.05
1338320	600461	7081280	9.50	0.10	1.50	25.00	13.50	77.00	15.30	0.10

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1338321	600462	7081228	4.30	0.20	0.80	19.90	12.00	71.00	26.80	0.10
1338322	600464	7081179	10.00	0.20	1.30	23.90	13.30	67.00	92.80	0.20
1338343	600153	7081468	13.90	0.30	1.10	66.10	9.80	195.00	4.40	0.20
1370425	600160	7081318	12.20	0.10	1.60	36.00	15.00	79.00	57.20	0.30
1392766	600281	7080672	4.00	0.05	0.40	25.00	5.20	61.00	4.90	0.05
1392782	600157	7081418	14.60	0.30	3.80	23.20	23.60	91.00	33.60	0.20
1392781	600163	7081218	14.80	0.20	1.30	28.60	13.30	82.00	126.50	0.10
1370419	600590	7080484	4.50	0.20	0.70	23.00	5.60	74.00	4.60	0.10
1370413	600580	7080782	5.00	0.05	0.60	30.80	9.40	84.00	14.60	0.10
1370414	600580	7080732	4.80	0.10	0.50	22.70	11.00	58.00	13.90	0.20
1370415	600583	7080681	2.10	0.10	0.40	36.50	6.70	60.00	8.00	0.05
1370418	600587	7080533	4.50	0.10	0.70	36.00	8.60	93.00	17.00	0.20
1370417	600584	7080582	7.70	0.10	0.40	35.80	12.20	79.00	36.50	0.20
1370412	600577	7080833	11.60	0.10	0.90	32.10	9.90	94.00	23.10	0.20
1370411	600575	7080882	5.40	0.05	0.60	26.40	8.80	70.00	11.00	0.05
1370409	600572	7080983	53.60	0.20	1.10	47.50	12.40	115.00	37.90	0.20
1392964	599758	7081354	21.70	0.30	1.00	31.70	35.80	101.00	64.70	0.20
1392800	599858	7081357	7.50	0.30	1.70	32.80	15.60	96.00	64.40	0.10
1345824	600557	7081382	15.50	0.30	0.80	41.20	12.90	70.00	11.90	0.30
1345818	600547	7081682	372.70	0.70	1.00	49.50	8.90	52.00	132.20	0.50
1392802	599859	7081308	8.80	0.30	1.70	41.50	15.80	94.00	119.90	0.10
1345822	600556	7081482	11.10	0.40	1.00	32.40	15.00	74.00	19.80	0.30
1345823	600558	7081431	11.30	0.30	1.40	24.40	6.20	47.00	16.00	0.40
1345819	600549	7081630	26.20	0.80	1.20	45.30	8.80	44.00	33.40	0.60
1338314	600451	7081581	7.10	0.50	1.10	48.30	5.80	57.00	13.70	0.60
1392798	599854	7081456	7.00	0.50	0.90	44.00	15.10	109.00	56.40	0.10
1338319	600459	7081329	25.10	0.10	1.10	84.50	12.80	217.00	13.30	0.30
1345820	600553	7081581	10.10	0.50	1.50	27.50	6.60	39.00	25.30	0.70
1392797	599869	7081055	80.80	0.05	0.40	32.20	8.00	70.00	5.20	0.05
1345821	600555	7081530	13.40	0.40	0.90	33.80	6.20	48.00	13.60	0.70
1392792	599877	7080805	5.40	0.10	0.50	33.50	7.70	49.00	9.30	0.10
1392795	599873	7080958	5.00	0.05	0.10	50.80	3.30	58.00	2.60	0.05
1392796	599870	7081007	7.90	0.05	0.10	51.80	7.30	62.00	2.70	0.05

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1392793	599874	7080855	3.70	0.30	0.50	69.50	7.90	67.00	17.10	0.10
1392794	599873	7080907	5.20	0.30	0.05	89.70	3.10	67.00	3.50	0.05
1392789	599882	7080656	6.90	0.05	0.05	26.30	2.80	70.00	2.00	0.05
1392790	599882	7080706	8.00	0.10	0.30	56.60	5.00	66.00	2.60	0.05
1392791	599879	7080755	7.80	0.05	0.50	90.60	9.80	63.00	11.80	0.20
1392788	599885	7080606	6.70	0.05	0.20	14.90	9.20	73.00	9.50	0.05
1392787	599886	7080557	3.50	0.05	0.20	16.70	4.70	83.00	3.20	0.05
1392783	599893	7080358	11.10	0.70	1.50	54.80	12.10	103.00	12.70	0.20
1392786	599888	7080507	2.90	0.05	0.40	17.50	4.90	79.00	5.50	0.05
1392785	599889	7080456	16.70	0.05	0.40	13.70	10.90	70.00	3.20	0.10
1392784	599891	7080407	10.90	1.60	2.80	77.80	56.40	608.00	129.80	0.30
1392965	599757	7081403	5.30	0.40	2.00	30.00	22.80	98.00	66.10	0.20
1392966	599754	7081454	6.70	0.20	0.70	10.80	8.30	64.00	24.10	0.10
1345827	600089	7080414	4.00	0.20	0.70	53.10	8.30	75.00	3.40	0.05
1392963	599759	7081303	15.30	0.50	1.10	43.00	27.80	98.00	50.00	0.20
1345828	600089	7080463	3.10	0.05	0.50	25.20	3.90	88.00	3.60	0.05
1345829	600088	7080514	3.10	0.05	0.70	23.80	3.60	81.00	2.30	0.05
1338315	600452	7081529	7.90	0.30	1.00	26.40	5.70	42.00	10.90	0.40
1338316	600455	7081480	14.50	0.40	1.50	41.30	36.50	122.00	11.90	0.20
1338317	600456	7081429	13.60	0.40	1.30	52.80	20.30	123.00	12.90	0.20
1338318	600459	7081379	29.50	0.30	1.30	47.90	13.30	96.00	15.70	0.30
1345831	600083	7080613	1.70	0.20	2.10	44.90	20.40	76.00	28.20	0.50
1345830	600086	7080564	3.20	0.05	0.80	21.00	17.20	74.00	1.70	0.40
1345834	600078	7080764	13.50	0.30	1.00	59.50	11.50	58.00	14.10	0.10
1345832	600082	7080664	4.10	0.05	0.50	40.10	6.30	70.00	4.80	0.10
1345835	600077	7080813	4.10	0.10	0.60	38.60	8.50	55.00	12.30	0.10
1345833	600079	7080712	4.30	0.05	0.20	38.30	3.80	64.00	2.40	0.05
1345837	600076	7080915	8.70	0.20	0.90	33.70	13.40	71.00	22.50	0.05
1345836	600076	7080863	9.50	0.05	0.30	33.90	8.20	71.00	3.30	0.05
1345846	600061	7081216	20.80	0.10	1.10	29.70	12.20	79.00	268.60	0.05
1345838	600073	7080965	2.40	0.10	0.40	42.90	9.20	65.00	3.70	0.05
1345839	600070	7081015	4.50	0.05	0.30	25.90	7.70	70.00	4.50	0.05
1345840	600067	7081063	3.80	0.10	0.70	27.20	9.30	60.00	7.50	0.10

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1345841	600055	7081464	2.90	0.10	1.30	22.00	24.50	82.00	30.20	0.20
1345842	600056	7081417	3.80	0.30	1.50	21.60	11.50	104.00	29.70	0.05
1345843	600058	7081366	6.70	0.20	0.90	20.30	10.70	74.00	24.60	0.20
1345844	600061	7081316	7.90	0.20	1.40	23.50	13.50	51.00	108.90	0.20
1345845	600062	7081265	6.00	0.05	1.10	25.60	13.00	73.00	107.70	0.10
1345847	600063	7081166	6.40	0.10	0.50	25.20	11.60	72.00	31.50	0.05
1345848	600068	7081114	7.00	0.20	1.00	20.60	27.90	73.00	66.20	0.20
1345826	600093	7080365	4.10	0.05	0.40	64.60	5.30	71.00	1.60	0.05
1338312	600447	7081678	16.00	1.20	0.90	125.90	8.80	65.00	13.80	0.70
1338313	600449	7081629	9.60	0.80	0.90	77.00	7.00	65.00	14.10	0.50
1392962	599761	7081253	14.50	0.50	2.20	48.90	25.70	98.00	27.20	0.20
1392958	599768	7081055	0.25	0.10	0.70	50.30	10.90	64.00	8.80	0.10
1392961	599762	7081205	7.10	0.40	0.80	38.60	40.40	188.00	50.40	0.05
1392960	599765	7081153	7.60	0.05	0.50	25.50	13.10	66.00	11.20	0.10
1392959	599767	7081104	2.80	0.20	0.05	44.50	8.60	60.00	3.00	0.05
1392957	599770	7081005	2.80	0.05	0.40	43.10	13.60	68.00	6.30	0.05
1392954	599775	7080855	13.10	0.20	0.40	60.30	12.40	78.00	10.00	0.30
1392956	599772	7080954	1.10	0.05	0.30	42.50	11.50	65.00	4.70	0.10
1392952	599779	7080753	3.00	0.30	0.20	114.70	6.50	54.00	4.50	0.05
1392953	599777	7080804	2.80	0.05	0.40	81.20	8.30	58.00	7.80	0.20
1392955	599774	7080905	16.10	0.20	0.40	102.70	7.20	66.00	18.90	0.20
1392877	599979	7080762	5.90	0.05	0.40	83.30	8.50	64.00	7.00	0.05
1355000	599780	7080704	6.80	0.05	0.10	35.40	3.90	56.00	1.70	0.05
1392876	599981	7080712	3.40	0.05	0.40	46.50	4.60	49.00	3.80	0.05
1392878	599976	7080812	7.10	0.50	0.40	92.70	7.80	70.00	27.40	0.10
1392879	599975	7080861	1.00	0.30	1.00	44.70	6.50	64.00	7.10	0.10
1392881	599973	7080959	2.20	0.10	1.20	35.40	10.40	55.00	9.90	0.05
1392880	599975	7080912	2.10	0.20	0.20	40.50	7.40	63.00	2.00	0.05
1392882	599970	7081011	3.10	0.10	0.90	19.70	10.00	54.00	9.30	0.10
1392883	599967	7081059	2.10	0.05	0.40	16.50	9.10	64.00	5.60	0.05
1392884	599953	7081460	2.30	0.20	1.00	38.20	13.00	88.00	17.10	0.10
1392885	599957	7081410	4.30	0.05	1.30	42.30	10.40	85.00	94.20	0.05
1392886	599957	7081359	30.30	0.20	1.50	31.80	13.70	97.00	174.20	0.10

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1392887	599959	7081309	12.10	0.20	1.40	28.60	13.50	77.00	67.30	0.10
1354999	599783	7080653	7.30	0.05	0.30	38.60	7.10	64.00	44.20	0.10
1354998	599785	7080603	4.70	0.05	0.80	30.40	14.80	82.00	33.80	0.20
1354997	599786	7080555	4.90	0.05	0.20	21.60	6.00	79.00	18.10	0.05
1354994	599792	7080404	4.80	0.40	1.40	34.80	16.90	84.00	10.80	0.20
1354993	599793	7080354	4.70	0.50	1.10	31.80	9.30	79.00	14.80	0.20
1354996	599788	7080504	11.10	0.05	0.70	15.40	8.10	58.00	7.10	0.10
1354995	599790	7080454	5.60	0.20	0.50	42.60	9.90	67.00	10.90	0.05
1338348	599986	7080561	1.50	0.05	1.00	34.50	9.30	84.00	6.80	0.10
1338347	599987	7080511	7.60	0.05	0.80	21.50	5.80	73.00	2.30	0.05
1338345	599989	7080412	8.20	0.05	0.80	47.30	5.50	81.00	4.00	0.05
1338346	599989	7080461	3.90	0.05	0.80	27.00	8.80	73.00	3.90	0.10
1338349	599984	7080612	3.00	0.05	1.90	37.30	9.00	100.00	160.70	0.05
1392889	599963	7081209	3.80	0.50	1.40	43.40	21.90	95.00	17.90	0.20
1338350	599983	7080662	2.80	0.20	0.20	44.90	7.30	83.00	2.90	0.20
1392890	599965	7081159	1.10	0.05	0.80	16.00	16.30	67.00	5.60	0.10
1392891	599966	7081109	0.80	0.05	0.30	18.40	12.50	67.00	3.30	0.05
1338344	599993	7080360	7.40	0.10	0.50	157.40	5.20	98.00	4.70	0.05
1354852	599673	7080901	13.90	0.05	0.10	58.80	9.50	78.00	5.50	0.05
1354859	599495	7080294	4.20	0.30	0.80	22.80	12.00	89.00	17.80	0.10
1354853	599675	7080851	4.80	0.05	0.10	94.50	5.40	54.00	3.50	0.05
1354856	599680	7080701	2.50	0.20	0.60	29.50	7.10	59.00	6.90	0.10
1354873	599470	7080994	2.10	0.05	0.30	27.20	7.80	59.00	4.80	0.05
1354860	599493	7080344	4.00	0.30	1.10	34.10	34.70	98.00	20.20	0.10
1354866	599482	7080645	3.20	0.20	0.20	69.20	4.00	66.00	5.30	0.05
1354865	599484	7080595	2.50	0.20	0.50	43.10	6.80	71.00	9.60	0.05
1354861	599491	7080394	3.00	0.30	0.60	28.10	9.00	59.00	9.30	0.20
1354858	599685	7080601	9.80	0.10	0.60	21.40	11.50	72.00	4.90	0.10
1354863	599487	7080494	2.00	0.20	0.70	24.90	8.70	55.00	13.10	0.10
1354868	599480	7080745	2.50	0.10	0.80	44.20	9.20	76.00	25.40	0.05
1354864	599486	7080544	2.90	0.30	0.90	30.00	10.10	67.00	17.80	0.10
1354870	599475	7080844	6.90	0.40	0.20	93.90	8.40	73.00	5.20	0.05
1354871	599474	7080894	7.00	0.20	0.30	75.60	5.70	65.00	4.70	0.05

Sample No.	Easting	Northing	Au(ppb)	Ag(ppm)	Mo(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)
1354882	599457	7081393	43.00	0.20	1.70	43.50	8.20	135.00	79.50	0.10
1354874	599468	7081043	6.10	0.20	0.20	50.40	8.60	77.00	4.40	0.05
1354876	599466	7081092	2.50	0.05	0.60	35.50	10.70	65.00	9.80	0.10
1354877	599465	7081144	4.50	0.05	0.20	43.90	21.00	96.00	7.20	0.05
1354875	599468	7081043	4.30	0.20	0.20	40.90	8.70	76.00	4.60	0.05
1354880	599460	7081293	8.60	0.20	1.00	40.50	21.50	78.00	72.00	0.20
1354879	599462	7081243	5.40	0.20	0.40	41.00	8.50	70.00	5.20	0.10
1354878	599463	7081193	2.60	0.05	0.10	38.50	6.60	69.00	1.30	0.05
1354881	599458	7081344	6.10	0.20	1.10	31.10	17.90	84.00	114.40	0.10
1354883	599455	7081443	5.00	0.70	1.80	39.50	20.80	100.00	60.00	0.20
1370402	600559	7081332	8.90	0.40	0.90	62.20	75.40	152.00	11.10	0.20

Appendix III

King Solomon 2014 Soil Survey Analytical Certificates

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Centerra Gold**
1 University Avenue, Suite 1500
Toronto ON M5J 2P1 CANADA

Submitted By: Jodie Gibson
Receiving Lab: Canada-Whitehorse
Received: October 02, 2014
Report Date: October 15, 2014
Page: 1 of 12

CERTIFICATE OF ANALYSIS

WHI14000227.1

CLIENT JOB INFORMATION

Project: BET
Shipment ID: KSD2014-09-25
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Centerra Gold
1 University Avenue, Suite 1500
Toronto ON M5J 2P1
CANADA

CC: Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			WHI
SS80	314	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISP2	320	Heat treatment of Soils and Sediments			VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI14000227.1

	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1354494	Soil	0.3	30.7	10.0	74	0.1	20.9	17.5	704	3.49	9.0	0.8	5.8	2.7	27	0.3	0.5	0.1	68	0.63	0.071
1354495	Soil	0.3	34.8	9.0	80	0.2	20.4	14.6	580	3.84	6.5	0.8	11.1	2.9	25	0.3	0.4	0.1	67	0.54	0.064
1354496	Soil	0.3	37.9	8.4	71	0.1	19.8	15.1	539	3.49	5.8	0.8	28.6	2.6	32	0.2	0.5	<0.1	68	0.64	0.062
1354497	Soil	0.2	44.2	5.3	69	0.1	19.0	25.7	819	4.48	5.4	0.8	5.2	1.4	46	<0.1	0.4	<0.1	89	0.96	0.059
1374226	Soil	0.2	36.5	7.9	69	0.4	11.9	14.8	545	3.96	6.1	0.5	4.6	3.3	10	<0.1	0.2	<0.1	43	0.23	0.048
1354500	Soil	0.1	24.8	13.0	69	0.3	6.8	14.3	918	4.30	5.0	0.4	15.1	2.8	8	<0.1	0.2	<0.1	55	0.27	0.063
1354499	Soil	0.3	32.4	11.9	82	0.4	16.1	12.9	588	3.84	6.5	0.6	10.3	4.1	14	0.2	0.2	<0.1	57	0.37	0.065
1354498	Soil	0.3	84.9	25.2	114	1.1	22.2	20.8	793	4.68	10.1	0.4	505.9	3.3	16	0.7	0.3	<0.1	58	0.44	0.076
1374240	Soil	0.3	56.0	5.7	81	0.2	20.2	23.5	1227	5.19	5.5	0.2	2.4	3.1	9	0.2	0.3	<0.1	71	0.38	0.092
1374241	Soil	0.2	55.2	4.7	66	0.2	29.9	23.5	1260	4.84	3.1	0.2	5.9	1.3	12	<0.1	0.5	<0.1	79	0.35	0.066
1374228	Soil	0.7	92.0	7.2	59	0.5	27.4	22.9	647	4.92	7.6	0.5	44.8	2.2	4	<0.1	0.2	0.1	64	0.08	0.015
1374227	Soil	0.1	75.4	14.7	83	0.3	20.1	22.3	1044	5.50	9.7	0.6	9.6	1.8	9	0.2	0.2	<0.1	76	0.26	0.044
1374239	Soil	0.3	30.7	4.8	65	0.1	14.1	16.8	929	4.35	7.9	0.4	2.5	2.2	13	<0.1	0.4	<0.1	65	0.37	0.077
1374242	Soil	0.7	42.2	8.5	75	<0.1	31.0	14.3	461	4.07	16.6	0.8	2.6	5.2	11	<0.1	0.3	<0.1	56	0.22	0.018
1374243	Soil	0.3	42.1	6.2	75	<0.1	20.2	17.8	670	4.94	18.5	0.4	3.5	2.9	7	<0.1	0.4	<0.1	75	0.22	0.052
1374244	Soil	0.1	60.4	2.1	70	0.1	33.0	26.0	1247	5.17	1.9	0.2	5.0	0.9	12	<0.1	0.3	<0.1	80	0.34	0.056
1374245	Soil	0.2	34.1	4.3	65	<0.1	16.6	20.1	1122	4.52	4.7	0.2	3.0	1.4	14	0.1	0.3	<0.1	60	0.35	0.054
1374246	Soil	0.8	33.0	5.9	68	<0.1	18.4	15.0	586	4.25	7.3	0.7	30.8	2.8	14	0.1	0.5	<0.1	63	0.29	0.041
1374247	Soil	0.3	39.0	5.2	81	0.1	16.5	22.0	1163	5.09	4.5	0.3	2.4	3.0	13	0.2	0.6	<0.1	91	1.78	0.088
1374248	Soil	0.3	29.3	4.0	70	0.1	15.0	12.5	532	3.69	6.7	0.4	0.7	2.3	14	0.1	0.4	<0.1	58	0.37	0.075
1374229	Soil	0.9	62.8	20.4	115	1.3	34.0	16.6	830	4.92	217.9	0.8	21.4	9.5	11	0.4	1.4	0.4	44	0.44	0.137
1374232	Soil	0.2	39.7	7.5	72	0.4	18.7	14.1	740	3.64	7.8	1.3	4.4	3.4	23	0.2	0.3	<0.1	53	0.50	0.053
1374233	Soil	0.3	69.2	8.5	71	0.3	25.7	22.5	965	4.60	5.1	0.5	7.2	1.6	22	0.2	0.4	<0.1	104	0.47	0.042
1374231	Soil	0.3	31.8	8.7	59	0.3	19.2	14.5	609	3.07	9.7	1.2	5.4	2.6	30	0.1	0.5	<0.1	55	0.64	0.082
1374230	Soil	0.2	36.7	8.1	90	2.1	13.3	15.9	970	4.22	13.6	0.5	13.8	5.1	9	0.2	0.5	<0.1	46	0.31	0.086
1374234	Soil	0.5	44.7	5.2	70	0.2	18.9	19.5	491	4.93	7.6	0.6	2.2	1.7	21	0.1	0.4	<0.1	80	0.48	0.065
1374235	Soil	<0.1	40.6	2.8	66	0.2	12.9	15.9	866	4.09	9.1	0.3	4.8	1.8	13	0.1	0.4	<0.1	52	0.44	0.082
1374236	Soil	0.5	34.0	6.4	62	0.3	17.7	13.7	523	3.57	7.4	0.9	8.8	1.8	30	0.1	0.4	<0.1	60	0.80	0.059
1374237	Soil	0.4	32.9	8.6	65	0.2	19.2	13.9	606	3.59	12.2	0.9	7.1	2.8	19	0.1	0.4	<0.1	58	0.52	0.050
1374238	Soil	0.3	31.8	5.4	67	0.3	17.0	13.8	583	4.04	27.1	0.6	5.2	2.8	15	0.2	0.3	<0.1	58	0.40	0.073

CERTIFICATE OF ANALYSIS

WHI14000227.1

	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1354494	Soil	12	25	1.34	277	0.025	1	2.01	0.006	0.04	0.2	0.03	7.2	<0.1	<0.05	6	<0.5	<0.2
1354495	Soil	14	25	1.41	255	0.028	<1	2.07	0.007	0.05	0.2	0.03	7.1	<0.1	<0.05	6	0.8	<0.2
1354496	Soil	13	23	1.45	224	0.031	<1	2.09	0.006	0.04	0.1	0.03	6.5	<0.1	<0.05	6	0.7	<0.2
1354497	Soil	8	23	1.69	249	0.021	1	2.32	0.006	0.03	<0.1	0.04	6.6	<0.1	<0.05	7	0.6	<0.2
1374226	Soil	11	12	1.90	297	0.009	<1	2.28	0.003	0.03	<0.1	<0.01	5.0	<0.1	<0.05	6	<0.5	<0.2
1354500	Soil	18	8	2.27	341	0.006	<1	2.64	0.003	0.03	<0.1	0.03	6.1	<0.1	<0.05	7	<0.5	<0.2
1354499	Soil	19	24	2.22	254	0.018	<1	2.75	0.004	0.03	<0.1	0.01	5.9	<0.1	<0.05	7	<0.5	<0.2
1354498	Soil	15	19	1.86	169	0.009	<1	2.44	0.003	0.05	<0.1	0.04	7.2	<0.1	<0.05	6	<0.5	<0.2
1374240	Soil	17	25	1.93	119	0.007	<1	2.17	0.002	0.04	<0.1	0.02	11.2	<0.1	<0.05	7	0.8	<0.2
1374241	Soil	7	50	2.50	121	0.035	1	2.36	0.003	0.04	<0.1	<0.01	11.6	<0.1	<0.05	7	0.6	<0.2
1374228	Soil	13	19	1.92	112	0.005	<1	2.50	0.002	0.03	<0.1	0.02	10.6	<0.1	<0.05	6	1.0	<0.2
1374227	Soil	11	21	2.19	172	0.007	<1	2.88	0.004	0.03	<0.1	0.02	9.2	<0.1	<0.05	7	<0.5	<0.2
1374239	Soil	8	19	1.64	149	0.015	<1	2.14	0.004	0.03	<0.1	<0.01	6.7	<0.1	<0.05	6	<0.5	<0.2
1374242	Soil	21	36	1.43	295	0.015	<1	2.25	0.004	0.05	<0.1	0.02	8.0	<0.1	<0.05	6	<0.5	<0.2
1374243	Soil	9	29	2.23	97	0.040	<1	2.76	0.002	0.02	<0.1	0.01	8.0	<0.1	<0.05	7	<0.5	<0.2
1374244	Soil	4	56	3.05	100	0.031	<1	2.96	0.003	0.04	<0.1	0.02	6.4	<0.1	<0.05	8	<0.5	<0.2
1374245	Soil	6	26	1.85	145	0.031	2	2.21	0.003	0.04	<0.1	0.01	5.5	<0.1	<0.05	6	<0.5	<0.2
1374246	Soil	10	26	1.30	234	0.037	<1	2.18	0.006	0.04	<0.1	0.03	6.6	<0.1	<0.05	6	<0.5	<0.2
1374247	Soil	12	24	0.89	173	0.007	3	1.33	0.005	0.06	<0.1	<0.01	15.8	<0.1	<0.05	5	<0.5	<0.2
1374248	Soil	9	20	1.41	151	0.032	<1	1.82	0.005	0.04	<0.1	<0.01	5.3	<0.1	<0.05	6	<0.5	<0.2
1374229	Soil	41	23	1.45	149	0.007	<1	2.13	0.003	0.03	<0.1	0.01	4.5	<0.1	<0.05	6	<0.5	<0.2
1374232	Soil	13	21	1.60	306	0.022	<1	2.07	0.006	0.04	<0.1	0.03	5.6	<0.1	<0.05	6	1.2	<0.2
1374233	Soil	6	29	1.83	229	0.037	2	2.52	0.007	0.06	0.1	0.03	10.4	<0.1	<0.05	7	<0.5	<0.2
1374231	Soil	12	20	1.13	245	0.027	1	1.70	0.009	0.04	0.3	0.03	4.5	<0.1	<0.05	4	<0.5	<0.2
1374230	Soil	20	14	2.11	139	0.003	<1	2.40	0.004	0.03	<0.1	<0.01	4.9	<0.1	<0.05	6	<0.5	<0.2
1374234	Soil	7	20	1.54	201	0.031	<1	2.22	0.005	0.04	<0.1	0.04	6.4	<0.1	<0.05	7	0.7	<0.2
1374235	Soil	15	13	1.66	121	0.007	1	1.99	0.003	0.04	<0.1	<0.01	7.9	<0.1	<0.05	6	<0.5	<0.2
1374236	Soil	12	20	1.29	263	0.022	1	2.09	0.006	0.04	<0.1	0.03	5.9	<0.1	<0.05	6	<0.5	<0.2
1374237	Soil	11	22	1.21	225	0.031	<1	2.07	0.006	0.04	<0.1	0.02	4.9	<0.1	<0.05	5	0.6	<0.2
1374238	Soil	10	21	1.38	156	0.026	2	2.11	0.005	0.03	<0.1	0.02	5.6	<0.1	<0.05	5	<0.5	<0.2

CERTIFICATE OF ANALYSIS

WHI14000227.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1345558	Soil	0.2	108.0	6.4	73	0.3	23.0	23.8	821	5.23	3.3	0.5	14.9	2.2	19	0.2	0.3	<0.1	128	0.46	0.057
1345561	Soil	0.4	56.6	7.4	65	0.3	21.3	16.3	612	4.01	7.6	1.0	7.0	1.6	32	0.2	0.5	<0.1	72	0.71	0.072
1345556	Soil	0.4	41.0	9.0	64	0.3	24.4	13.9	546	3.18	6.8	1.0	3.8	2.9	29	0.2	0.4	<0.1	63	0.58	0.055
1345557	Soil	0.4	49.4	7.6	58	0.1	24.2	17.3	557	3.64	7.6	0.8	32.7	2.9	22	<0.1	0.3	<0.1	70	0.37	0.035
1345560	Soil	0.5	43.1	6.8	63	0.1	19.5	18.4	706	4.23	7.6	0.7	3.5	2.6	19	<0.1	0.4	<0.1	76	0.45	0.052
1345559	Soil	0.3	46.5	6.2	68	0.2	20.2	21.5	724	4.70	6.0	0.6	5.8	1.5	25	0.2	0.2	<0.1	81	0.62	0.067
1345562	Soil	0.5	30.1	7.3	60	0.3	15.7	15.9	693	3.83	8.8	0.6	2.4	2.1	19	<0.1	0.4	0.1	58	0.49	0.054
1345563	Soil	0.5	22.6	6.1	61	0.1	15.4	12.7	493	3.44	8.9	0.4	1.5	2.2	14	<0.1	0.3	<0.1	51	0.31	0.051
1345564	Soil	0.3	39.4	5.2	72	0.2	18.2	16.7	936	4.39	8.9	0.5	3.9	1.9	20	0.2	0.4	<0.1	63	0.55	0.070
1345565	Soil	0.4	33.1	4.4	68	0.2	14.2	14.0	631	3.64	6.8	0.5	3.5	1.6	18	<0.1	0.3	<0.1	55	0.46	0.070
1345566	Soil	0.4	31.6	5.8	70	0.2	15.8	14.9	656	3.62	6.3	0.6	3.9	1.7	28	0.1	0.3	<0.1	60	0.74	0.064
1349348	Soil	0.4	37.9	9.9	74	0.2	18.9	14.3	694	3.83	4.2	0.7	7.7	3.1	19	0.2	0.3	0.1	63	0.45	0.058
1349347	Soil	0.4	38.4	10.9	79	0.2	18.6	14.9	807	3.51	4.7	1.1	11.0	2.5	31	0.4	0.3	0.1	55	0.86	0.077
1349350	Soil	0.4	56.6	5.7	71	0.1	17.4	19.6	869	4.75	3.0	0.4	17.9	1.8	18	<0.1	0.8	<0.1	87	0.36	0.069
1374249	Soil	0.2	97.1	16.2	79	0.6	18.5	19.6	837	4.62	4.9	0.5	38.7	2.6	18	0.2	0.4	<0.1	77	0.45	0.061
1374250	Soil	0.1	54.1	24.8	105	0.4	12.6	14.9	789	4.24	8.0	0.5	26.1	2.9	8	0.3	0.3	<0.1	59	0.23	0.039
1349349	Soil	0.5	41.7	6.7	65	0.2	19.3	15.7	696	3.83	4.0	0.6	4.9	2.5	19	0.1	0.3	0.1	80	0.38	0.055
1349346	Soil	0.8	23.1	9.1	81	0.2	22.1	9.9	605	2.98	32.8	0.9	10.5	2.4	39	0.4	0.3	<0.1	49	0.66	0.112
1345552	Soil	0.2	98.7	6.9	77	0.5	37.6	31.9	1641	6.96	4.6	0.2	4.4	1.4	12	<0.1	0.1	<0.1	141	0.28	0.056
1345553	Soil	0.3	70.4	5.1	63	0.3	20.7	24.5	824	5.57	5.5	0.2	2.4	1.6	6	<0.1	0.2	<0.1	111	0.14	0.026
1345554	Soil	0.2	57.6	10.2	77	0.1	16.0	19.5	966	4.93	13.0	0.4	6.9	3.0	9	0.1	0.2	<0.1	58	0.29	0.064
1345555	Soil	<0.1	85.3	5.4	57	0.6	34.5	22.6	724	3.94	3.9	0.4	4.0	5.0	20	<0.1	<0.1	<0.1	90	0.59	0.075
1345567	Soil	0.2	29.1	3.0	79	0.1	11.0	18.8	888	4.29	2.7	0.3	109.4	0.8	16	0.1	0.5	<0.1	57	0.33	0.055
1345568	Soil	0.2	32.0	4.4	70	<0.1	11.6	13.2	687	4.45	7.5	0.5	7.9	2.0	16	<0.1	0.3	<0.1	56	0.35	0.058
1345569	Soil	0.4	46.7	4.0	69	<0.1	13.5	19.1	786	5.28	14.8	0.4	2.3	1.5	11	<0.1	0.3	<0.1	68	0.24	0.040
1345571	Soil	0.7	31.6	17.2	86	1.7	15.6	24.1	1288	5.10	96.6	0.4	66.7	4.1	13	0.3	0.6	<0.1	52	0.37	0.093
1345570	Soil	0.2	21.6	4.6	80	0.2	8.2	12.7	786	4.58	9.8	0.5	8.2	3.3	8	0.1	0.3	<0.1	55	0.27	0.076
1345572	Soil	0.5	19.0	12.2	73	0.3	6.7	17.9	660	5.16	11.0	0.4	1.3	2.6	5	<0.1	0.4	0.3	73	0.12	0.025
1345573	Soil	0.2	17.9	6.5	70	0.2	6.1	18.3	934	5.36	17.6	0.3	24.2	3.3	4	<0.1	0.2	<0.1	74	0.09	0.031
1345575	Soil	0.9	36.2	4.9	92	0.2	24.9	17.3	714	4.52	9.5	0.7	8.2	4.1	11	0.2	0.4	0.1	74	0.28	0.060

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1345558	Soil	9	26	2.61	229	0.020	<1	2.93	0.007	0.05	<0.1	0.02	16.8	<0.1	<0.05	9	<0.5
1345561	Soil	12	21	1.33	358	0.020	1	2.17	0.006	0.04	0.1	0.04	6.9	<0.1	<0.05	6	1.0
1345556	Soil	13	29	1.10	359	0.032	1	1.91	0.009	0.05	0.2	0.02	6.4	<0.1	<0.05	5	<0.5
1345557	Soil	10	30	1.46	242	0.053	2	1.97	0.010	0.05	<0.1	0.03	7.4	<0.1	<0.05	6	<0.5
1345560	Soil	11	24	1.51	246	0.037	2	2.31	0.007	0.04	<0.1	0.01	7.0	<0.1	<0.05	7	<0.5
1345559	Soil	7	21	1.65	224	0.016	<1	2.26	0.005	0.04	<0.1	0.02	8.2	<0.1	<0.05	7	0.9
1345562	Soil	9	20	1.41	247	0.020	2	2.05	0.006	0.03	0.1	0.02	5.5	<0.1	<0.05	6	<0.5
1345563	Soil	9	22	1.19	192	0.034	1	1.81	0.005	0.03	<0.1	0.01	3.5	<0.1	<0.05	5	<0.5
1345564	Soil	10	26	2.01	179	0.025	<1	2.42	0.005	0.04	<0.1	0.02	8.5	<0.1	<0.05	7	<0.5
1345565	Soil	6	17	1.55	205	0.026	<1	2.02	0.004	0.04	<0.1	0.02	4.8	<0.1	<0.05	6	<0.5
1345566	Soil	8	20	1.32	207	0.024	<1	1.93	0.005	0.04	<0.1	0.01	5.4	<0.1	<0.05	6	<0.5
1349348	Soil	14	26	1.54	248	0.021	1	2.22	0.005	0.04	<0.1	0.03	7.5	<0.1	<0.05	7	<0.5
1349347	Soil	12	20	1.37	245	0.015	2	1.97	0.005	0.05	0.1	0.03	6.1	<0.1	<0.05	6	<0.5
1349350	Soil	9	22	1.78	155	0.033	1	2.34	0.006	0.07	<0.1	0.02	7.6	<0.1	<0.05	8	<0.5
1374249	Soil	13	14	1.66	192	0.011	<1	2.48	0.005	0.05	<0.1	0.03	9.5	<0.1	<0.05	7	0.6
1374250	Soil	17	17	2.29	176	0.011	<1	2.81	0.003	0.03	<0.1	0.04	7.6	<0.1	<0.05	6	0.7
1349349	Soil	10	30	1.67	212	0.029	1	2.33	0.006	0.04	<0.1	0.03	9.0	<0.1	<0.05	7	0.6
1349346	Soil	11	23	1.11	288	0.021	<1	1.58	0.005	0.05	<0.1	0.02	3.3	<0.1	<0.05	5	0.8
1345552	Soil	6	39	3.07	194	0.006	<1	3.42	0.003	0.04	<0.1	0.02	14.9	<0.1	<0.05	11	<0.5
1345553	Soil	4	21	1.71	157	0.022	<1	2.64	0.004	0.03	<0.1	0.01	11.2	<0.1	<0.05	8	<0.5
1345554	Soil	13	14	1.82	181	0.010	<1	2.43	0.004	0.04	<0.1	0.03	6.4	<0.1	<0.05	7	<0.5
1345555	Soil	16	47	2.21	65	0.030	<1	2.15	0.002	0.08	<0.1	<0.01	13.9	<0.1	<0.05	7	<0.5
1345567	Soil	4	17	2.29	104	0.032	<1	2.52	0.003	0.05	<0.1	0.01	4.2	<0.1	<0.05	7	<0.5
1345568	Soil	9	14	1.81	201	0.028	<1	2.36	0.003	0.04	<0.1	0.02	4.5	<0.1	<0.05	7	<0.5
1345569	Soil	3	13	2.21	126	0.031	<1	2.74	0.003	0.04	<0.1	0.01	4.4	<0.1	<0.05	7	<0.5
1345571	Soil	18	10	1.76	140	0.009	<1	2.64	0.003	0.03	<0.1	0.01	5.8	<0.1	<0.05	6	<0.5
1345570	Soil	13	11	2.11	167	0.012	<1	2.53	0.003	0.03	<0.1	0.01	5.8	<0.1	<0.05	8	0.7
1345572	Soil	10	10	2.24	184	0.006	<1	3.26	0.003	0.03	<0.1	0.01	6.5	<0.1	<0.05	8	<0.5
1345573	Soil	23	9	1.85	132	0.012	<1	2.71	0.004	0.04	<0.1	0.03	8.7	<0.1	<0.05	8	<0.5
1345575	Soil	16	30	2.24	355	0.014	<1	2.77	0.003	0.03	<0.1	0.02	6.7	<0.1	<0.05	8	0.7

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1345574	Soil	0.9	27.2	5.6	85	0.3	18.1	17.1	731	4.52	7.3	0.8	9.6	3.7	11	<0.1	0.5	0.1	73	0.28	0.060
1374076	Soil	0.1	17.2	7.7	75	0.2	3.6	21.9	1405	5.14	6.8	0.5	12.1	3.0	12	0.2	0.4	<0.1	71	0.46	0.075
1374077	Soil	0.3	26.5	7.3	73	0.3	7.9	16.5	1119	4.66	5.2	0.5	5.6	2.5	12	<0.1	0.8	<0.1	80	0.34	0.066
1354393	Soil	0.3	34.2	14.0	90	0.2	30.0	13.7	476	3.48	11.3	1.1	6.7	6.0	21	0.3	0.2	0.2	68	0.42	0.099
1354394	Soil	1.1	41.9	11.7	117	0.2	36.5	11.7	390	4.24	34.6	1.3	10.7	5.5	30	0.3	0.3	0.1	64	0.39	0.095
1354395	Soil	0.3	29.3	6.0	109	0.2	17.0	9.8	646	3.91	31.6	1.1	10.1	5.7	22	0.4	0.1	<0.1	52	0.33	0.086
1354396	Soil	0.5	40.4	9.6	75	0.1	24.0	14.0	527	3.66	4.8	0.7	4.1	4.5	16	0.2	0.2	0.1	56	0.40	0.075
1354397	Soil	0.2	37.9	7.4	60	0.1	15.4	14.9	808	4.03	3.4	0.4	7.9	2.3	20	0.2	0.4	<0.1	81	0.39	0.051
1354398	Soil	0.3	115.3	4.7	59	<0.1	20.5	24.3	842	4.16	3.1	0.5	7.8	1.3	23	<0.1	0.5	<0.1	77	0.44	0.047
1354399	Soil	0.5	27.4	9.0	72	<0.1	23.3	10.9	493	2.95	6.1	0.7	2.6	3.6	16	<0.1	0.2	<0.1	48	0.34	0.055
1354400	Soil	0.6	49.6	9.3	57	0.1	23.8	15.0	382	3.63	10.5	0.6	4.6	3.9	15	0.1	0.5	0.1	75	0.19	0.018
1393126	Soil	0.2	58.0	5.2	56	0.2	21.1	16.8	889	2.56	4.9	0.7	5.9	3.6	19	<0.1	0.4	<0.1	49	0.40	0.078
1369752	Soil	0.2	109.3	9.7	89	0.7	19.8	29.2	1510	5.72	11.7	0.3	4.2	2.3	12	0.3	0.2	<0.1	87	0.33	0.082
1369753	Soil	0.3	124.1	13.6	86	0.6	36.7	33.4	1491	6.43	11.7	0.3	38.5	2.3	10	0.3	0.3	0.1	111	0.28	0.068
1369754	Soil	0.1	56.2	15.7	67	0.3	26.0	12.7	514	2.48	3.4	0.5	8.3	5.9	13	0.1	0.2	<0.1	43	0.35	0.086
1369774	Soil	0.6	30.4	7.2	64	0.3	15.8	13.4	652	3.57	8.1	0.8	5.0	2.9	16	<0.1	0.4	<0.1	54	0.40	0.056
1369775	Soil	0.5	30.8	10.1	68	0.3	18.1	12.6	574	3.33	7.4	0.8	4.3	2.9	17	<0.1	0.3	<0.1	53	0.40	0.054
1369773	Soil	0.5	34.8	8.2	63	0.3	18.2	13.5	711	3.23	7.7	1.0	3.9	2.3	28	0.2	0.4	0.1	54	0.73	0.065
1369772	Soil	0.2	33.9	4.0	70	0.3	12.6	22.8	1073	4.97	4.7	0.2	7.6	1.1	13	<0.1	0.2	<0.1	75	0.51	0.078
1369771	Soil	0.1	80.9	1.9	67	<0.1	31.4	22.5	1046	4.64	3.5	0.3	2.6	1.0	17	<0.1	0.4	<0.1	76	0.39	0.055
1369770	Soil	0.2	65.9	3.4	62	<0.1	28.1	23.1	754	4.43	2.5	0.3	7.1	0.9	18	<0.1	0.4	<0.1	75	0.26	0.026
1369769	Soil	1.1	39.6	7.7	85	0.4	19.7	18.6	1023	5.25	48.3	0.5	17.1	4.2	12	<0.1	0.4	<0.1	62	0.41	0.064
1369767	Soil	0.3	33.0	8.8	78	0.3	18.4	16.4	845	3.95	9.5	0.5	3.5	3.1	17	<0.1	0.4	<0.1	53	0.47	0.083
1369768	Soil	0.4	85.1	7.0	71	0.3	33.6	35.5	979	6.25	75.0	0.2	5.3	2.2	18	<0.1	0.4	<0.1	125	1.13	0.044
1369755	Soil	0.4	47.4	8.9	61	0.1	20.8	12.6	419	3.11	4.9	0.9	4.1	3.5	20	<0.1	0.4	<0.1	68	0.41	0.047
1369756	Soil	0.3	77.1	7.3	77	0.2	23.0	23.7	884	5.25	5.6	0.5	16.3	2.2	15	0.1	0.3	<0.1	95	0.40	0.054
1369757	Soil	0.5	118.7	9.6	88	0.3	23.9	21.7	1379	5.41	3.5	0.7	45.2	2.7	20	0.2	0.9	<0.1	101	0.53	0.102
1369758	Soil	0.6	65.2	8.0	77	0.3	20.7	17.9	655	4.48	7.1	0.6	7.1	2.3	21	<0.1	0.6	<0.1	84	0.55	0.058
1369759	Soil	0.4	63.7	6.9	76	0.3	18.9	17.2	751	4.58	6.6	0.6	8.9	1.8	25	0.1	0.5	<0.1	74	0.73	0.062
1369760	Soil	0.5	44.1	7.1	69	0.8	18.8	15.1	788	4.07	7.1	0.7	7.9	2.2	21	<0.1	0.4	<0.1	59	0.56	0.058

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1345574	Soil	16	22	2.05	334	0.011	<1	2.64	0.004	0.03	<0.1	0.02	6.8	<0.1	<0.05	8	<0.5
1374076	Soil	14	5	2.47	165	0.003	<1	2.96	0.002	0.03	<0.1	<0.01	9.4	<0.1	<0.05	7	<0.5
1374077	Soil	13	10	1.97	224	0.013	<1	2.59	0.003	0.02	<0.1	0.03	9.4	<0.1	<0.05	8	<0.5
1354393	Soil	23	47	2.02	273	0.052	1	2.22	0.005	0.07	<0.1	0.02	8.4	<0.1	<0.05	7	<0.5
1354394	Soil	18	34	1.92	246	0.032	<1	2.34	0.005	0.07	<0.1	0.02	4.5	<0.1	<0.05	7	<0.5
1354395	Soil	10	17	0.66	221	0.114	<1	0.94	0.003	0.30	<0.1	0.03	5.7	0.5	<0.05	5	<0.5
1354396	Soil	16	27	1.58	215	0.019	1	2.31	0.005	0.04	<0.1	0.03	6.1	<0.1	<0.05	6	<0.5
1354397	Soil	9	24	1.55	182	0.018	<1	2.22	0.005	0.05	<0.1	0.02	7.6	<0.1	<0.05	7	<0.5
1354398	Soil	4	22	1.78	222	0.087	<1	2.17	0.006	0.05	<0.1	0.02	5.2	<0.1	<0.05	7	0.7
1354399	Soil	10	27	1.00	223	0.027	1	1.78	0.005	0.04	<0.1	0.02	3.8	<0.1	<0.05	6	<0.5
1354400	Soil	11	31	0.91	247	0.050	<1	2.14	0.006	0.04	0.1	0.02	4.7	<0.1	<0.05	6	0.8
1393126	Soil	12	12	1.03	111	0.023	<1	1.25	0.005	0.05	<0.1	0.02	6.6	<0.1	<0.05	5	<0.5
1369752	Soil	10	22	2.28	105	0.022	2	2.77	0.003	0.04	<0.1	0.01	12.3	<0.1	<0.05	8	<0.5
1369753	Soil	7	42	2.50	134	0.010	2	2.83	0.003	0.05	<0.1	0.02	14.6	<0.1	<0.05	9	<0.5
1369754	Soil	17	17	1.10	121	0.035	1	1.35	0.007	0.06	<0.1	0.03	5.8	<0.1	<0.05	5	<0.5
1369774	Soil	13	20	1.21	246	0.023	2	2.00	0.005	0.03	<0.1	0.02	5.3	<0.1	<0.05	5	<0.5
1369775	Soil	14	21	1.19	276	0.024	2	2.03	0.005	0.04	<0.1	0.03	5.0	<0.1	<0.05	6	<0.5
1369773	Soil	13	20	1.11	305	0.019	2	2.00	0.006	0.04	<0.1	0.03	5.1	<0.1	<0.05	6	0.6
1369772	Soil	5	23	1.81	55	0.014	2	2.29	0.002	0.02	<0.1	0.02	9.1	<0.1	<0.05	6	<0.5
1369771	Soil	3	58	2.13	121	0.032	<1	2.47	0.004	0.02	<0.1	0.01	6.8	<0.1	<0.05	6	0.7
1369770	Soil	5	67	2.22	98	0.052	<1	2.54	<0.001	0.02	<0.1	0.02	5.3	<0.1	<0.05	6	<0.5
1369769	Soil	25	22	1.95	71	0.004	2	2.76	0.003	0.02	<0.1	0.02	6.5	<0.1	<0.05	7	<0.5
1369767	Soil	15	23	1.61	148	0.014	1	2.02	0.004	0.04	<0.1	0.01	6.3	<0.1	<0.05	6	<0.5
1369768	Soil	12	44	2.60	50	0.004	<1	3.12	0.002	0.01	<0.1	0.01	17.1	<0.1	<0.05	9	0.8
1369755	Soil	12	24	1.17	249	0.035	2	1.95	0.007	0.05	0.1	0.01	6.6	<0.1	<0.05	6	<0.5
1369756	Soil	7	29	1.93	146	0.018	1	2.56	0.004	0.04	<0.1	<0.01	11.7	<0.1	<0.05	8	<0.5
1369757	Soil	11	18	1.62	356	0.019	<1	2.57	0.007	0.05	<0.1	0.03	8.6	<0.1	<0.05	8	<0.5
1369758	Soil	10	20	1.47	235	0.027	2	2.22	0.005	0.04	<0.1	0.02	7.5	<0.1	<0.05	7	<0.5
1369759	Soil	10	23	1.83	236	0.016	1	2.47	0.005	0.05	<0.1	0.04	8.8	<0.1	<0.05	6	1.3
1369760	Soil	13	20	1.50	277	0.018	1	2.19	0.005	0.04	<0.1	0.03	6.4	<0.1	<0.05	6	<0.5

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1369761	Soil	0.4	39.2	9.1	63	0.3	19.4	16.7	689	3.57	7.8	1.0	8.0	2.9	22	0.1	0.4	0.1	57	0.56	0.062
1369762	Soil	0.3	39.6	4.1	72	0.1	13.2	17.1	736	4.40	5.2	0.4	7.2	1.4	9	<0.1	0.3	<0.1	52	0.23	0.045
1369763	Soil	<0.1	27.4	7.3	68	0.9	11.3	16.7	883	3.95	1.7	0.1	5.0	0.8	9	<0.1	0.1	<0.1	40	0.26	0.069
1369764	Soil	0.1	31.7	5.5	57	<0.1	12.9	14.0	749	3.77	4.1	0.3	6.3	2.4	7	<0.1	0.2	<0.1	40	0.21	0.050
1369765	Soil	0.7	59.2	11.2	125	0.5	25.9	16.0	611	4.25	11.2	0.7	6.4	3.7	9	<0.1	0.5	<0.1	51	0.22	0.047
1369766	Soil	0.7	52.2	9.4	88	0.4	24.1	19.2	878	4.77	6.2	0.5	15.6	3.7	7	<0.1	0.6	<0.1	53	0.19	0.046
1392770	Soil	0.7	47.9	8.6	86	0.2	7.9	16.5	1094	4.77	2.3	0.7	6.4	3.3	14	<0.1	0.2	0.1	78	0.32	0.067
1392763	Soil	0.8	45.3	12.6	88	0.1	28.3	12.6	684	3.94	142.2	0.8	9.1	5.5	10	0.2	0.3	<0.1	36	0.27	0.096
1392771	Soil	0.7	20.1	6.4	68	<0.1	11.7	11.9	552	3.55	4.1	0.8	5.7	2.9	11	<0.1	0.3	<0.1	65	0.21	0.032
1392781	Soil	1.3	28.6	13.3	82	0.2	25.8	11.5	414	3.29	126.5	0.8	14.8	4.1	13	<0.1	0.4	0.1	49	0.15	0.049
1392776	Soil	0.8	20.1	9.3	94	<0.1	10.7	27.2	1268	6.20	6.3	0.5	4.2	2.8	8	<0.1	0.1	0.2	109	0.14	0.039
1392782	Soil	3.8	23.2	23.6	91	0.3	36.8	23.3	879	3.44	33.6	2.4	14.6	7.6	26	0.4	0.4	0.2	34	0.33	0.110
1392777	Soil	5.5	52.3	67.1	108	0.7	47.4	21.1	1196	4.57	63.6	1.4	4.6	6.5	12	0.6	0.2	0.7	15	0.17	0.093
1392779	Soil	1.0	28.8	11.6	70	0.2	14.5	14.5	559	4.00	13.4	0.8	5.4	4.1	7	<0.1	0.4	<0.1	51	0.11	0.016
1392765	Soil	0.9	29.3	13.9	108	<0.1	8.8	17.4	617	4.14	5.4	0.6	7.7	3.1	5	0.2	0.3	<0.1	36	0.08	0.016
1392768	Soil	0.5	32.0	10.9	83	<0.1	19.2	13.3	569	3.39	10.4	1.0	2.7	4.3	12	<0.1	0.4	0.2	45	0.28	0.078
1392766	Soil	0.4	25.0	5.2	61	<0.1	12.6	17.7	615	4.23	4.9	0.4	4.0	2.1	4	<0.1	0.3	<0.1	73	0.07	0.018
1392778	Soil	0.2	49.2	4.9	74	<0.1	11.4	16.1	986	3.99	2.6	0.4	3.6	1.6	20	<0.1	0.4	<0.1	59	0.37	0.081
1392758	Soil	1.3	33.2	15.2	81	0.2	16.9	19.3	858	4.70	13.9	0.7	11.3	3.3	16	0.2	0.3	0.2	47	0.28	0.060
1354324	Soil	2.7	37.6	26.5	114	0.5	18.9	11.1	385	3.54	8.7	1.6	9.1	3.5	17	0.4	0.3	0.2	48	0.26	0.093
1392753	Soil	1.2	34.2	14.9	127	0.3	20.0	13.8	552	3.24	10.7	1.1	10.0	7.8	14	0.4	0.2	0.2	25	0.25	0.097
1392757	Soil	1.2	31.5	15.9	83	0.2	25.9	12.6	462	3.50	40.4	0.8	8.3	4.5	13	<0.1	0.3	0.2	49	0.22	0.055
1392754	Soil	1.0	43.9	10.9	88	<0.1	28.3	17.2	466	3.85	41.2	1.0	14.7	5.7	11	<0.1	0.4	0.1	60	0.14	0.033
1392761	Soil	0.9	33.7	11.6	71	0.2	20.9	13.7	612	3.86	18.5	0.8	7.0	4.8	7	<0.1	0.3	<0.1	48	0.10	0.026
1392760	Soil	1.0	35.3	26.5	70	0.3	21.0	18.9	1477	3.78	11.6	0.7	15.9	4.7	10	0.2	0.2	0.2	48	0.26	0.064
1392764	Soil	0.3	43.5	7.2	70	<0.1	12.8	18.2	805	4.80	18.9	0.4	8.1	2.7	4	<0.1	0.1	<0.1	44	0.12	0.040
1392762	Soil	1.0	28.2	10.8	67	0.1	19.5	12.8	508	3.65	37.7	0.8	10.7	4.3	9	<0.1	0.4	<0.1	50	0.14	0.028
1392756	Soil	0.9	26.3	13.3	74	0.2	23.7	9.9	326	3.25	134.6	0.6	11.5	3.9	12	<0.1	0.3	0.1	50	0.13	0.054
1392751	Rock Pulp	2.1	23.0	2.3	40	0.3	22.9	10.0	375	2.31	4.7	0.3	2.2	0.9	38	0.2	0.3	<0.1	65	0.83	0.053
1392759	Soil	0.8	31.7	12.7	75	0.1	18.8	13.2	638	3.72	44.5	0.7	49.3	3.8	11	<0.1	0.4	0.1	56	0.17	0.038

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1369761	Soil	15	20	1.22	285	0.020	2	2.03	0.006	0.04	0.1	0.03	5.6	<0.1	<0.05	5	<0.5
1369762	Soil	9	18	1.72	98	0.040	1	2.35	0.005	0.03	<0.1	0.03	5.5	<0.1	<0.05	6	<0.5
1369763	Soil	4	13	1.84	49	0.039	1	2.08	0.001	0.03	<0.1	<0.01	3.0	<0.1	<0.05	5	<0.5
1369764	Soil	8	11	1.56	62	0.031	1	1.97	0.002	0.03	<0.1	0.01	4.5	<0.1	<0.05	6	<0.5
1369765	Soil	18	31	1.70	144	0.036	2	2.32	0.002	0.02	<0.1	0.01	4.4	<0.1	<0.05	6	0.8
1369766	Soil	24	26	1.97	163	0.016	1	2.47	0.002	0.03	<0.1	0.03	6.4	<0.1	<0.05	7	1.2
1392770	Soil	17	6	1.70	276	0.032	2	2.24	0.003	0.08	<0.1	0.02	9.4	<0.1	<0.05	8	<0.5
1392763	Soil	14	22	1.24	144	0.007	1	1.86	0.002	0.03	<0.1	0.03	5.1	<0.1	<0.05	4	<0.5
1392771	Soil	11	15	1.36	240	0.039	<1	1.95	0.004	0.05	<0.1	0.02	7.6	<0.1	<0.05	7	<0.5
1392781	Soil	19	29	1.33	234	0.022	2	2.01	0.004	0.05	<0.1	0.02	4.0	<0.1	<0.05	5	<0.5
1392776	Soil	9	15	3.12	182	0.061	3	3.12	0.002	0.11	<0.1	<0.01	14.4	0.1	<0.05	9	<0.5
1392782	Soil	28	23	1.17	706	0.002	2	1.68	0.003	0.08	<0.1	0.03	5.5	<0.1	<0.05	4	<0.5
1392777	Soil	15	8	0.12	109	<0.001	1	0.31	0.002	0.04	<0.1	0.02	2.3	<0.1	<0.05	<1	1.0
1392779	Soil	13	20	1.41	160	0.016	1	2.22	0.004	0.04	<0.1	0.03	5.1	<0.1	<0.05	6	<0.5
1392765	Soil	10	9	1.46	151	0.006	<1	2.16	0.002	0.03	<0.1	0.01	4.8	<0.1	<0.05	5	0.8
1392768	Soil	12	16	1.03	214	0.012	<1	1.35	0.003	0.04	<0.1	0.01	5.7	<0.1	<0.05	4	<0.5
1392766	Soil	4	24	2.08	144	0.016	1	2.75	0.002	0.03	<0.1	0.02	6.8	<0.1	<0.05	7	<0.5
1392778	Soil	9	16	2.16	75	0.004	2	2.48	0.003	0.03	<0.1	0.01	5.3	<0.1	<0.05	7	0.6
1392758	Soil	12	16	1.85	269	0.007	<1	2.22	0.004	0.06	<0.1	0.02	6.0	<0.1	<0.05	6	0.6
1354324	Soil	24	22	1.24	384	0.008	<1	1.94	0.004	0.06	<0.1	0.07	4.8	<0.1	<0.05	6	<0.5
1392753	Soil	22	17	1.14	351	0.009	<1	1.60	0.004	0.05	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
1392757	Soil	16	25	1.42	260	0.015	<1	1.96	0.006	0.05	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5
1392754	Soil	24	39	1.55	205	0.049	<1	2.02	0.004	0.04	0.1	0.03	8.5	<0.1	<0.05	6	<0.5
1392761	Soil	15	22	1.12	188	0.018	<1	2.09	0.004	0.03	<0.1	0.04	4.6	<0.1	<0.05	5	0.8
1392760	Soil	13	13	1.53	184	0.007	<1	1.94	0.003	0.04	<0.1	0.01	6.3	<0.1	<0.05	5	<0.5
1392764	Soil	9	10	1.35	101	0.004	<1	2.04	0.002	0.02	<0.1	0.02	8.2	<0.1	<0.05	5	<0.5
1392762	Soil	14	24	1.11	203	0.023	<1	2.14	0.006	0.03	<0.1	0.02	5.1	<0.1	<0.05	5	<0.5
1392756	Soil	17	27	1.36	206	0.021	<1	2.05	0.005	0.05	<0.1	0.02	3.8	<0.1	<0.05	5	0.5
1392751	Rock Pulp	4	30	0.75	88	0.122	1	1.47	0.071	0.11	11.8	0.01	4.7	<0.1	<0.05	4	<0.5
1392759	Soil	13	21	1.34	222	0.023	<1	2.15	0.004	0.04	<0.1	0.04	5.5	<0.1	<0.05	6	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1392752	Soil	1.3	67.3	19.7	179	0.4	15.7	18.9	490	5.25	12.6	1.3	25.2	4.6	6	0.3	0.3	0.2	47	0.07	0.057
1392755	Soil	1.3	24.9	13.9	76	0.2	21.9	9.0	314	3.09	87.5	1.0	92.3	3.9	12	0.2	0.2	0.1	48	0.14	0.053
1354325	Soil	6.4	52.8	36.5	90	0.8	21.0	13.7	469	4.45	10.1	2.0	9.9	2.8	20	0.5	0.3	0.2	55	0.32	0.098
1354323	Soil	0.9	61.8	6.9	71	0.2	11.7	18.1	1332	4.04	9.8	1.2	14.3	6.3	3	0.3	0.3	0.6	20	0.05	0.064
1392767	Soil	0.1	30.8	4.5	55	<0.1	8.4	13.4	869	3.22	2.0	0.4	5.3	1.4	8	<0.1	0.2	<0.1	36	0.15	0.048
1392773	Soil	0.4	23.7	6.7	62	0.1	12.8	12.3	489	3.68	4.5	0.4	4.4	2.7	5	<0.1	0.2	<0.1	45	0.08	0.021
1392769	Soil	0.3	11.7	3.6	92	<0.1	3.6	6.7	817	3.71	3.0	0.8	8.1	5.1	12	<0.1	0.2	<0.1	14	0.28	0.091
1392775	Soil	0.2	13.3	2.9	67	<0.1	4.7	15.6	684	3.67	1.5	0.5	3.6	1.0	17	<0.1	0.4	<0.1	54	0.24	0.050
1392780	Soil	1.1	24.5	13.9	69	0.1	15.8	15.2	575	3.79	39.9	0.4	5.2	3.3	5	<0.1	0.3	0.1	57	0.09	0.027
1392772	Soil	0.7	34.7	6.7	84	<0.1	7.9	19.6	1099	5.01	3.4	0.5	8.0	3.1	8	0.1	0.2	<0.1	46	0.21	0.051
1392774	Soil	<0.1	16.6	3.4	69	<0.1	4.9	17.3	788	4.03	1.7	0.6	4.2	1.4	14	<0.1	0.5	<0.1	69	0.22	0.044
1392784	Soil	2.8	77.8	56.4	608	1.6	32.0	17.0	562	4.21	129.8	0.9	10.9	6.1	10	6.1	1.4	0.3	37	0.27	0.101
1392785	Soil	0.4	13.7	10.9	70	<0.1	4.5	9.5	999	3.02	3.2	0.6	16.7	4.6	6	<0.1	0.2	0.1	27	0.21	0.091
1392790	Soil	0.3	56.6	5.0	66	0.1	10.1	14.4	572	4.05	2.6	0.2	8.0	1.7	4	<0.1	0.2	<0.1	57	0.09	0.021
1392793	Soil	0.5	69.5	7.9	67	0.3	22.6	25.1	1003	5.01	17.1	0.5	3.7	2.1	17	<0.1	0.3	0.1	100	0.41	0.032
1392791	Soil	0.5	90.6	9.8	63	<0.1	22.7	28.6	890	5.37	11.8	0.6	7.8	2.5	5	<0.1	0.4	0.2	92	0.09	0.021
1392796	Soil	0.1	51.8	7.3	62	<0.1	10.6	19.3	886	4.76	2.7	0.5	7.9	3.0	4	<0.1	0.2	<0.1	66	0.07	0.017
1392783	Soil	1.5	54.8	12.1	103	0.7	33.2	19.6	750	4.44	12.7	0.7	11.1	7.0	10	0.2	0.5	0.2	43	0.36	0.096
1392798	Soil	0.9	44.0	15.1	109	0.5	37.7	21.1	460	4.44	56.4	2.0	7.0	5.7	35	0.5	0.3	0.1	72	0.49	0.077
1392792	Soil	0.5	33.5	7.7	49	0.1	20.4	11.8	444	2.72	9.3	0.8	5.4	4.0	14	<0.1	0.4	0.1	55	0.23	0.028
1392799	Soil	1.2	32.2	18.8	115	0.3	31.4	18.3	728	4.52	33.4	0.9	6.4	3.9	17	0.2	<0.1	0.1	71	0.24	0.096
1392802	Soil	1.7	41.5	15.8	94	0.3	31.7	15.1	506	4.03	119.9	0.5	8.8	4.8	15	0.1	0.2	0.1	51	0.22	0.073
1392800	Soil	1.7	32.8	15.6	96	0.3	27.1	12.6	425	3.67	64.4	0.8	7.5	2.7	14	0.2	0.2	0.1	53	0.17	0.076
1392806	Soil	<0.1	15.6	7.6	73	<0.1	5.1	16.2	953	4.49	2.9	0.3	2.3	2.8	7	0.1	<0.1	<0.1	58	0.18	0.065
1392797	Soil	0.4	32.2	8.0	70	<0.1	10.6	14.5	892	4.33	5.2	0.5	80.8	3.2	9	<0.1	0.2	<0.1	45	0.14	0.042
1392788	Soil	0.2	14.9	9.2	73	<0.1	6.5	21.2	1054	4.85	9.5	0.7	6.7	1.6	21	<0.1	0.5	<0.1	109	0.21	0.039
1392789	Soil	<0.1	26.3	2.8	70	<0.1	9.9	18.6	1006	4.90	2.0	0.5	6.9	1.5	5	<0.1	0.2	<0.1	82	0.12	0.031
1392805	Soil	0.3	30.7	6.9	63	<0.1	10.0	17.5	769	4.07	4.5	0.4	<0.5	3.5	3	<0.1	0.1	<0.1	54	0.09	0.037
1392786	Soil	0.4	17.5	4.9	79	<0.1	12.2	18.1	1008	5.05	5.5	0.7	2.9	3.0	11	<0.1	0.3	<0.1	114	0.17	0.036
1392803	Soil	0.7	45.4	21.3	81	0.7	29.0	21.0	1106	3.17	34.0	0.9	5.7	3.0	28	0.5	0.2	0.2	46	0.69	0.090

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1392752	Soil	15	19	1.84	212	0.006	<1	2.33	0.003	0.03	<0.1	0.07	7.0	<0.1	<0.05	6	1.0
1392755	Soil	19	29	1.17	227	0.026	<1	1.90	0.005	0.06	<0.1	0.02	3.6	<0.1	<0.05	6	0.7
1354325	Soil	25	24	1.13	717	0.006	<1	2.03	0.005	0.06	<0.1	0.06	4.6	<0.1	<0.05	6	0.6
1354323	Soil	16	9	0.91	101	0.007	<1	1.29	0.002	0.02	<0.1	0.04	3.8	<0.1	<0.05	3	0.7
1392767	Soil	6	9	2.01	51	0.024	<1	2.07	0.002	0.03	<0.1	<0.01	3.5	<0.1	<0.05	5	<0.5
1392773	Soil	9	17	1.33	123	0.017	<1	2.30	0.004	0.03	<0.1	0.02	4.1	<0.1	<0.05	6	<0.5
1392769	Soil	18	4	1.63	166	0.042	<1	1.93	0.002	0.10	<0.1	<0.01	6.2	<0.1	<0.05	6	<0.5
1392775	Soil	5	6	1.75	69	0.048	<1	1.77	0.002	0.03	<0.1	0.01	6.4	<0.1	<0.05	6	<0.5
1392780	Soil	10	18	1.44	110	0.015	<1	2.37	0.003	0.04	<0.1	<0.01	3.9	<0.1	<0.05	6	0.5
1392772	Soil	11	9	1.36	171	0.007	<1	1.95	0.002	0.05	<0.1	0.03	7.4	<0.1	<0.05	5	<0.5
1392774	Soil	8	7	1.79	107	0.034	<1	1.96	0.002	0.03	<0.1	<0.01	7.3	<0.1	<0.05	6	0.6
1392784	Soil	18	16	0.31	79	<0.001	<1	0.58	0.002	0.04	<0.1	0.14	4.6	0.1	<0.05	3	1.1
1392785	Soil	20	6	0.91	230	0.010	<1	1.56	0.004	0.06	<0.1	0.01	5.2	<0.1	<0.05	5	<0.5
1392790	Soil	7	12	1.64	122	0.016	<1	2.41	0.003	0.03	<0.1	0.01	5.2	<0.1	<0.05	6	<0.5
1392793	Soil	8	25	1.66	217	0.019	<1	2.97	0.007	0.03	<0.1	0.03	9.8	<0.1	<0.05	8	<0.5
1392791	Soil	6	22	1.98	106	0.077	<1	2.71	0.002	0.04	<0.1	<0.01	9.2	<0.1	<0.05	7	0.8
1392796	Soil	13	13	2.50	124	0.006	<1	3.03	0.002	0.03	<0.1	0.05	9.0	<0.1	<0.05	7	<0.5
1392783	Soil	23	28	1.33	123	0.007	<1	1.79	0.003	0.03	<0.1	0.01	4.4	<0.1	<0.05	5	<0.5
1392798	Soil	27	48	2.25	348	0.006	<1	2.80	0.004	0.07	<0.1	0.03	9.5	<0.1	<0.05	7	1.0
1392792	Soil	16	27	0.75	234	0.046	<1	1.58	0.008	0.04	0.2	0.02	5.8	<0.1	<0.05	4	0.5
1392799	Soil	24	46	3.22	128	0.009	<1	3.03	0.002	0.05	<0.1	<0.01	5.3	<0.1	<0.05	8	1.1
1392802	Soil	17	30	2.14	202	0.006	<1	2.51	0.003	0.05	<0.1	<0.01	3.5	<0.1	<0.05	7	<0.5
1392800	Soil	21	32	1.84	184	0.010	<1	2.36	0.003	0.06	<0.1	0.01	2.8	<0.1	<0.05	6	0.8
1392806	Soil	13	6	2.20	95	0.005	<1	2.45	0.002	0.02	<0.1	0.02	6.2	<0.1	<0.05	7	<0.5
1392797	Soil	13	13	1.29	189	0.015	1	2.07	0.006	0.04	<0.1	0.03	5.7	<0.1	<0.05	5	<0.5
1392788	Soil	7	7	1.69	144	0.030	1	2.07	0.006	0.06	<0.1	<0.01	11.1	<0.1	<0.05	8	0.5
1392789	Soil	13	26	2.50	76	0.022	<1	2.87	0.003	0.03	<0.1	<0.01	9.8	<0.1	<0.05	8	<0.5
1392805	Soil	11	12	2.17	62	0.008	<1	2.67	0.002	0.02	<0.1	<0.01	4.1	<0.1	<0.05	7	<0.5
1392786	Soil	10	18	2.26	227	0.060	<1	2.78	0.006	0.06	<0.1	<0.01	15.6	<0.1	<0.05	9	0.5
1392803	Soil	15	20	1.50	359	0.006	<1	2.17	0.006	0.06	<0.1	0.03	4.4	<0.1	<0.05	6	0.7

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1392801	Rock Pulp	1.1	560.2	20.9	67	0.2	275.3	98.6	980	18.98	3.5	1.2	35.9	7.6	15	<0.1	0.2	0.2	233	0.43
1392787	Soil	0.2	16.7	4.7	83	<0.1	5.9	22.9	1246	5.93	3.2	0.6	3.5	2.3	7	<0.1	0.3	<0.1	109	0.13
1392795	Soil	0.1	50.8	3.3	58	<0.1	13.3	14.7	754	3.14	2.6	0.2	5.0	1.1	10	<0.1	0.3	<0.1	47	0.15
1392794	Soil	<0.1	89.7	3.1	67	0.3	23.3	27.2	1185	5.75	3.5	0.2	5.2	1.5	10	<0.1	<0.1	<0.1	128	0.32
1357018	Soil	0.3	30.0	8.2	61	0.2	14.2	15.5	942	2.92	7.1	0.6	12.9	2.0	27	0.2	0.3	<0.1	53	0.79
1357019	Soil	0.3	36.1	11.4	75	0.5	16.9	15.6	505	4.06	8.8	1.0	11.1	3.2	22	0.2	0.5	0.1	68	0.58
1392804	Soil	1.4	31.8	21.6	97	0.4	17.3	20.7	1147	5.09	580.3	0.6	30.9	4.7	10	0.5	0.8	0.1	53	0.23
1357017	Soil	0.5	31.2	13.4	74	0.2	16.9	14.4	811	2.90	7.8	0.8	8.2	2.3	30	0.2	0.4	<0.1	60	0.71
1357016	Soil	0.5	27.3	11.3	88	0.2	17.0	16.7	566	3.73	9.5	0.5	11.0	2.4	25	0.2	0.3	<0.1	61	0.56
1357015	Soil	0.3	39.2	12.9	95	0.1	34.9	19.1	431	4.14	16.3	1.0	3.2	6.2	28	0.2	0.2	0.1	69	0.47
1354918	Soil	0.5	37.1	7.8	58	0.2	19.5	12.2	406	3.13	8.0	0.6	4.5	3.2	12	0.1	0.3	<0.1	65	0.20
1357011	Soil	0.4	57.8	13.5	94	0.4	31.0	16.1	628	3.78	20.6	0.8	14.3	4.4	23	0.4	0.5	0.1	61	0.54
1354920	Soil	<0.1	34.0	9.6	28	<0.1	17.0	6.6	183	0.89	3.3	1.3	1.9	5.0	18	<0.1	0.2	<0.1	13	0.31
1357014	Soil	0.5	25.4	14.8	93	0.1	20.8	11.9	349	3.01	8.9	1.0	3.2	7.3	32	0.3	0.2	0.1	48	0.46
1357013	Soil	1.6	46.7	15.5	115	0.3	50.3	15.8	592	4.38	22.2	1.1	1.7	7.1	31	0.5	<0.1	0.1	55	0.47
1354915	Soil	0.4	40.1	6.7	55	0.1	21.0	12.8	390	2.69	6.0	0.6	1.2	3.9	17	<0.1	0.2	<0.1	56	0.32
1357010	Soil	0.6	31.0	9.7	81	0.4	25.4	12.5	520	3.31	16.3	0.9	6.9	4.2	20	0.1	0.4	0.1	57	0.41
1354904	Soil	0.3	31.2	6.7	63	0.3	17.0	17.4	710	3.55	7.8	0.4	0.8	2.3	20	0.1	0.2	<0.1	59	0.61
1357040	Soil	1.0	37.7	36.1	167	0.4	21.9	15.9	617	3.53	28.9	0.9	7.9	3.7	31	1.0	0.4	0.1	48	0.59
1357049	Soil	1.3	54.1	18.3	143	0.3	32.3	26.5	553	4.01	16.2	1.4	3.7	6.1	31	0.5	0.4	0.1	56	0.66
1357007	Soil	0.7	19.6	9.5	57	0.3	17.3	13.3	722	2.98	13.4	1.2	4.4	3.4	27	<0.1	0.4	0.1	56	0.66
1354914	Soil	0.4	82.1	5.7	64	0.1	18.8	24.0	857	5.01	4.8	0.6	3.5	1.9	12	<0.1	0.2	<0.1	104	0.28
1357035	Soil	1.5	28.7	11.5	94	0.3	25.4	11.8	562	3.86	19.2	0.6	2.5	4.2	18	0.6	0.3	<0.1	55	0.27
1357050	Soil	1.0	69.5	18.8	241	0.6	18.5	23.8	1282	4.72	57.1	1.5	17.9	4.5	26	2.5	0.3	0.2	55	0.62
1354913	Soil	0.5	101.3	10.9	87	0.4	26.2	33.1	1599	6.69	16.3	0.7	10.6	1.8	15	0.4	0.2	<0.1	151	0.37
1357012	Soil	0.5	24.9	9.6	76	0.2	17.5	13.8	546	3.13	12.2	0.8	10.2	3.0	21	0.2	0.4	<0.1	61	0.45
1357006	Soil	0.8	23.1	12.4	72	0.2	18.7	13.2	415	2.98	15.0	0.9	8.0	3.8	30	0.4	0.4	0.1	51	0.75
1354917	Soil	0.3	52.9	8.7	73	0.4	18.1	17.7	795	4.08	7.5	0.6	9.0	2.7	19	<0.1	0.3	<0.1	63	0.37
1357004	Soil	0.5	9.4	9.0	75	0.2	14.3	9.1	318	2.54	9.3	0.6	1.8	3.2	17	<0.1	0.2	0.1	47	0.33
1354905	Soil	0.1	32.1	9.9	69	0.2	12.3	15.8	917	4.36	4.3	0.4	3.1	2.9	6	<0.1	0.2	<0.1	54	0.21

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1392801	Rock Pulp	18	781	0.16	164	0.175	5	4.21	0.015	0.08	<0.1	0.02	47.1	<0.1	<0.05	20	1.0
1392787	Soil	7	8	2.91	188	0.028	<1	2.98	0.004	0.04	<0.1	<0.01	15.6	<0.1	<0.05	10	<0.5
1392795	Soil	5	18	1.76	59	0.056	<1	2.23	0.004	0.02	<0.1	0.02	4.0	<0.1	<0.05	5	<0.5
1392794	Soil	8	24	3.03	39	0.005	<1	3.16	0.003	0.03	<0.1	<0.01	13.4	<0.1	<0.05	9	<0.5
1357018	Soil	9	16	1.29	248	0.022	1	1.85	0.007	0.03	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
1357019	Soil	14	19	1.53	334	0.027	<1	2.43	0.008	0.03	<0.1	0.02	7.1	<0.1	<0.05	6	<0.5
1392804	Soil	16	14	1.34	174	0.010	<1	2.22	0.005	0.04	<0.1	0.02	6.3	<0.1	<0.05	6	0.9
1357017	Soil	11	21	1.18	299	0.026	<1	1.90	0.009	0.03	0.1	0.04	5.1	<0.1	<0.05	5	<0.5
1357016	Soil	9	19	1.40	188	0.021	<1	1.92	0.007	0.04	0.1	0.03	5.1	<0.1	<0.05	6	0.8
1357015	Soil	20	48	2.49	94	0.076	<1	2.25	0.004	0.06	<0.1	<0.01	8.0	<0.1	<0.05	7	<0.5
1354918	Soil	12	27	1.09	251	0.024	<1	2.12	0.007	0.04	<0.1	0.02	5.8	<0.1	<0.05	6	<0.5
1357011	Soil	17	26	1.71	250	0.024	<1	2.33	0.008	0.05	<0.1	0.02	6.1	<0.1	<0.05	7	<0.5
1354920	Soil	15	8	0.38	120	0.038	<1	0.56	0.005	0.06	<0.1	<0.01	3.3	<0.1	<0.05	2	0.5
1357014	Soil	20	26	1.43	156	0.096	<1	1.66	0.006	0.19	<0.1	0.02	6.5	0.2	<0.05	6	<0.5
1357013	Soil	22	35	2.56	139	0.058	<1	2.42	0.005	0.07	<0.1	0.01	3.0	<0.1	<0.05	6	0.5
1354915	Soil	11	22	0.99	157	0.031	<1	1.49	0.009	0.05	0.1	0.01	5.9	<0.1	<0.05	5	<0.5
1357010	Soil	18	24	1.44	312	0.027	<1	2.35	0.008	0.05	<0.1	0.04	5.1	<0.1	<0.05	6	0.6
1354904	Soil	10	19	1.39	137	0.017	<1	2.03	0.006	0.03	<0.1	0.01	6.4	<0.1	<0.05	5	<0.5
1357040	Soil	13	29	1.62	310	0.030	<1	1.99	0.006	0.04	<0.1	0.38	4.8	<0.1	<0.05	5	0.8
1357049	Soil	16	37	1.84	162	0.082	<1	1.86	0.006	0.06	<0.1	0.16	8.2	<0.1	<0.05	5	1.1
1357007	Soil	14	20	0.98	451	0.034	1	2.02	0.010	0.04	0.1	0.03	5.3	<0.1	<0.05	6	<0.5
1354914	Soil	6	16	1.96	158	0.017	<1	2.55	0.006	0.03	<0.1	0.02	11.6	<0.1	<0.05	8	0.5
1357035	Soil	14	30	1.64	379	0.016	<1	2.26	0.007	0.05	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5
1357050	Soil	14	20	1.88	231	0.004	<1	2.44	0.006	0.04	<0.1	0.03	7.8	<0.1	<0.05	6	1.5
1354913	Soil	5	26	1.62	180	0.010	<1	2.30	0.006	0.04	<0.1	0.01	22.0	<0.1	<0.05	8	<0.5
1357012	Soil	11	22	1.41	244	0.024	<1	2.06	0.007	0.04	0.1	0.03	5.1	<0.1	<0.05	6	<0.5
1357006	Soil	15	20	0.96	285	0.041	1	1.80	0.011	0.04	0.1	0.02	4.7	<0.1	<0.05	5	<0.5
1354917	Soil	9	19	1.44	178	0.052	<1	2.27	0.010	0.06	<0.1	0.03	6.1	<0.1	<0.05	6	<0.5
1357004	Soil	11	21	1.10	110	0.040	1	1.69	0.007	0.04	0.2	0.02	3.2	<0.1	<0.05	6	<0.5
1354905	Soil	8	12	1.90	83	0.005	<1	2.47	0.003	0.03	<0.1	0.02	6.1	<0.1	<0.05	6	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1357003	Soil	0.8	26.5	9.4	78	0.2	19.2	16.0	776	3.20	12.3	1.0	12.9	2.3	28	0.2	0.5	0.1	56	0.63
1357005	Soil	0.8	18.3	13.2	72	0.3	16.5	12.0	582	2.82	18.5	1.0	3.5	3.0	29	0.3	0.5	0.2	51	0.63
1357008	Soil	0.6	25.6	13.6	84	0.4	19.3	10.7	448	3.45	28.9	0.7	10.0	5.1	14	0.1	0.7	0.1	49	0.32
1357009	Soil	0.5	49.0	7.7	80	0.2	19.7	16.2	661	3.60	7.7	0.7	19.1	2.9	20	0.2	0.7	<0.1	66	0.43
1357002	Soil	0.5	38.9	12.5	89	0.3	23.1	16.8	727	3.46	16.4	1.0	4.9	3.0	32	0.3	0.5	0.1	58	0.79
1357047	Soil	0.5	20.1	9.6	67	0.3	14.5	10.7	495	2.51	5.6	0.7	11.8	2.3	31	0.2	0.3	0.2	47	0.78
1354926	Soil	0.8	30.5	10.7	74	<0.1	24.3	9.6	341	2.99	18.1	1.0	3.6	4.4	21	0.1	0.4	0.2	61	0.26
1357048	Soil	0.6	15.1	9.2	74	0.2	15.0	12.1	456	2.77	8.3	0.6	2.6	2.8	19	0.2	0.3	0.1	48	0.36
1357037	Soil	0.9	30.5	7.9	146	0.2	24.9	11.3	400	3.14	10.8	0.9	3.3	2.2	24	1.6	0.3	<0.1	58	0.34
1357038	Soil	0.9	36.3	10.5	108	0.2	28.9	9.9	421	3.60	19.8	0.9	3.3	6.0	11	0.2	0.3	0.1	51	0.17
1357039	Soil	1.2	51.3	33.4	141	0.5	17.2	22.1	743	3.93	19.0	0.9	12.0	2.9	23	1.2	0.3	0.2	44	0.53
1357036	Soil	1.5	44.8	12.7	177	0.3	33.4	13.6	740	4.10	40.9	0.7	4.0	6.3	9	4.0	0.5	0.2	49	0.16
1354919	Soil	0.4	37.5	5.2	80	0.1	19.9	14.6	568	3.52	4.0	0.4	12.6	2.2	17	<0.1	0.3	<0.1	54	0.27
1354925	Soil	0.8	28.2	10.5	77	<0.1	21.8	9.0	331	2.86	19.9	0.9	5.2	4.6	18	0.2	0.4	0.1	59	0.21
1357044	Soil	0.5	23.2	8.2	71	0.2	14.4	13.3	434	3.36	9.9	0.7	8.1	3.1	24	0.2	0.3	0.1	53	0.58
1357042	Soil	0.6	17.1	8.0	74	0.2	15.0	11.4	494	2.80	6.5	0.6	10.0	2.2	20	0.1	0.2	0.1	49	0.40
1354911	Soil	0.3	110.0	5.8	89	0.2	24.1	22.9	936	5.25	7.6	0.5	10.0	1.8	17	0.2	0.6	<0.1	95	0.47
1354924	Soil	0.6	50.4	11.8	126	0.1	43.9	18.1	805	4.03	110.3	1.1	6.2	4.6	30	0.6	0.3	<0.1	86	0.31
1357041	Soil	1.6	17.9	14.2	76	0.2	19.0	12.2	368	2.95	14.4	0.6	4.8	3.0	19	0.1	0.4	0.2	56	0.31
1357045	Soil	0.7	20.2	9.2	63	0.2	14.7	12.2	589	2.94	12.6	0.9	4.8	2.1	31	0.2	0.3	0.1	50	0.69
1354903	Soil	0.6	40.2	6.4	79	0.2	19.5	19.8	680	4.56	10.5	0.4	5.3	3.0	6	<0.1	0.4	<0.1	55	0.20
1354912	Soil	0.4	83.7	4.4	69	0.1	22.7	22.4	641	4.46	3.9	0.5	4.7	1.4	20	<0.1	0.4	<0.1	87	0.50
1354923	Soil	0.8	35.6	10.4	89	0.1	28.0	11.9	378	3.54	19.1	0.6	8.3	4.8	21	0.2	0.3	0.1	66	0.30
1357046	Soil	0.7	11.5	7.1	49	0.1	8.7	7.0	259	2.32	6.8	0.3	7.7	1.1	10	0.2	0.2	0.1	48	0.13
1354910	Soil	0.2	39.9	5.3	79	0.4	12.9	17.1	829	3.85	7.4	0.4	1.3	2.4	12	<0.1	0.4	0.1	58	0.32
1354928	Soil	1.2	52.0	15.8	101	0.5	30.8	17.3	530	3.83	22.5	1.3	2.0	3.4	26	0.4	0.2	0.1	55	0.43
1354931	Soil	0.5	29.7	17.2	76	0.3	15.8	18.2	1146	3.39	8.8	0.8	5.9	2.9	40	0.3	0.3	0.1	52	0.71
1357043	Soil	0.7	30.5	7.0	82	0.2	18.9	15.5	604	3.39	5.6	0.7	4.3	3.5	24	0.3	0.3	0.1	56	0.42
1354929	Soil	1.2	31.4	13.1	103	0.3	26.0	12.5	492	3.75	22.8	1.0	2.6	3.0	17	0.4	0.2	0.1	56	0.23
1354927	Soil	1.0	29.0	12.7	83	<0.1	24.9	11.1	342	3.16	17.8	1.0	4.4	4.5	18	0.2	0.3	0.2	57	0.23

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1357003	Soil	12	21	1.35	296	0.021	<1	2.06	0.005	0.04	<0.1	0.04	4.5	<0.1	<0.05	6	0.8	<0.2
1357005	Soil	14	21	0.76	239	0.031	<1	1.72	0.007	0.04	0.1	0.04	3.8	<0.1	<0.05	5	0.8	<0.2
1357008	Soil	25	18	0.81	216	0.021	<1	1.95	0.005	0.04	<0.1	0.03	5.5	<0.1	<0.05	5	<0.5	<0.2
1357009	Soil	13	20	1.71	254	0.025	<1	2.49	0.005	0.05	<0.1	0.04	6.7	<0.1	<0.05	7	0.5	<0.2
1357002	Soil	13	24	1.47	301	0.019	<1	2.14	0.006	0.05	<0.1	0.05	5.4	<0.1	<0.05	6	0.5	<0.2
1357047	Soil	13	21	0.99	255	0.030	<1	1.76	0.007	0.05	0.1	0.04	4.0	<0.1	<0.05	5	0.6	<0.2
1354926	Soil	17	33	0.93	303	0.056	<1	1.97	0.007	0.05	<0.1	0.03	6.2	<0.1	<0.05	6	0.6	<0.2
1357048	Soil	12	22	1.05	203	0.033	<1	1.72	0.008	0.04	0.2	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1357037	Soil	10	37	1.18	174	0.084	<1	1.98	0.005	0.05	<0.1	0.07	4.8	<0.1	<0.05	7	<0.5	<0.2
1357038	Soil	25	36	1.65	267	0.022	<1	2.54	0.004	0.04	<0.1	0.02	4.0	<0.1	<0.05	7	<0.5	<0.2
1357039	Soil	12	23	1.61	195	0.010	<1	1.94	0.007	0.02	<0.1	0.33	5.3	<0.1	0.26	5	1.6	<0.2
1357036	Soil	23	32	1.42	246	0.015	<1	2.30	0.003	0.05	<0.1	0.07	3.4	<0.1	<0.05	6	<0.5	<0.2
1354919	Soil	9	19	1.45	208	0.009	<1	2.06	0.002	0.04	<0.1	0.01	4.7	<0.1	<0.05	6	<0.5	<0.2
1354925	Soil	18	30	0.99	285	0.049	<1	1.78	0.007	0.04	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
1357044	Soil	12	18	1.50	309	0.040	<1	2.20	0.007	0.04	0.1	0.03	5.1	<0.1	<0.05	6	<0.5	<0.2
1357042	Soil	11	21	1.19	245	0.034	<1	1.85	0.006	0.05	0.1	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
1354911	Soil	11	22	1.88	172	0.016	<1	2.73	0.004	0.06	<0.1	0.04	11.7	<0.1	<0.05	8	0.6	<0.2
1354924	Soil	14	37	1.39	214	0.048	<1	1.86	0.003	0.12	<0.1	0.03	7.2	0.1	<0.05	7	<0.5	<0.2
1357041	Soil	11	27	1.21	150	0.044	<1	1.71	0.007	0.05	0.1	0.04	4.1	<0.1	<0.05	5	0.8	<0.2
1357045	Soil	12	18	0.97	325	0.031	<1	1.88	0.007	0.04	0.1	0.04	4.4	<0.1	<0.05	5	<0.5	<0.2
1354903	Soil	16	24	2.00	92	0.053	<1	2.84	0.003	0.02	<0.1	0.04	7.1	<0.1	<0.05	6	<0.5	<0.2
1354912	Soil	5	23	1.81	166	0.065	<1	2.49	0.006	0.04	<0.1	0.02	7.1	<0.1	<0.05	8	<0.5	<0.2
1354923	Soil	17	32	1.29	263	0.035	<1	2.20	0.005	0.06	<0.1	0.02	5.2	<0.1	<0.05	7	<0.5	<0.2
1357046	Soil	7	15	0.87	91	0.029	<1	1.62	0.005	0.04	0.1	0.03	2.8	<0.1	<0.05	6	<0.5	<0.2
1354910	Soil	9	17	2.26	157	0.009	<1	2.50	0.002	0.03	<0.1	<0.01	6.4	<0.1	<0.05	7	<0.5	<0.2
1354928	Soil	26	40	2.14	220	0.038	<1	2.44	0.003	0.06	<0.1	0.03	6.8	<0.1	<0.05	7	0.7	<0.2
1354931	Soil	14	17	1.38	279	0.013	<1	2.27	0.006	0.04	<0.1	0.05	5.5	<0.1	<0.05	6	<0.5	<0.2
1357043	Soil	13	25	1.59	289	0.061	<1	1.84	0.006	0.09	0.1	0.02	6.7	<0.1	<0.05	6	0.6	<0.2
1354929	Soil	21	39	2.39	135	0.047	<1	2.51	0.004	0.06	<0.1	0.02	4.8	<0.1	<0.05	7	<0.5	<0.2
1354927	Soil	18	33	1.22	210	0.053	<1	2.18	0.005	0.05	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1354916	Soil	0.3	53.4	6.1	62	0.2	14.7	17.8	709	3.95	4.2	0.5	2.7	2.2	16	<0.1	0.3	<0.1	79	0.28	0.038
1354909	Soil	0.3	43.0	5.3	74	1.3	16.1	20.6	1830	4.60	5.4	0.2	2.8	1.6	10	0.3	0.3	<0.1	60	0.35	0.093
1354930	Soil	1.4	29.1	14.2	103	0.3	23.9	15.3	631	3.70	30.2	0.9	3.6	4.3	24	0.3	0.2	0.1	53	0.42	0.088
1354901	Rock Pulp	1.3	562.6	21.6	66	0.3	275.3	97.5	1004	18.22	3.4	1.3	35.1	7.5	16	<0.1	0.3	0.2	239	0.45	0.039
1354906	Soil	<0.1	34.9	4.0	70	0.2	11.6	19.5	835	4.47	1.2	0.2	1.6	1.5	16	<0.1	0.3	<0.1	63	0.61	0.070
1354902	Soil	0.4	61.6	10.9	93	0.2	29.8	13.9	754	4.36	53.0	0.7	7.9	7.0	9	0.1	0.6	0.2	49	0.28	0.080
1354933	Soil	0.2	21.1	10.4	76	<0.1	5.0	20.3	1312	4.66	4.5	0.3	6.2	2.6	5	0.2	0.1	0.1	95	0.14	0.063
1354921	Soil	0.6	26.6	7.7	55	<0.1	17.3	10.9	349	2.80	5.0	0.4	0.7	2.5	11	<0.1	0.4	0.1	59	0.16	0.019
1354908	Soil	0.5	35.7	7.4	63	0.3	19.7	12.9	564	3.47	9.9	0.8	1.4	3.9	16	<0.1	0.3	0.1	54	0.32	0.034
1354922	Soil	0.3	31.3	5.3	64	<0.1	16.2	13.6	567	3.27	3.8	0.6	1.7	2.4	18	<0.1	0.4	<0.1	67	0.31	0.054
1339648	Soil	0.8	31.9	12.4	83	0.5	17.5	11.1	502	3.22	22.8	1.0	2.3	4.0	18	0.2	0.5	0.2	39	0.35	0.090
1339647	Soil	1.0	33.0	8.4	90	0.3	18.8	14.8	473	3.81	8.9	0.7	8.3	4.6	16	0.1	0.3	0.2	38	0.39	0.089
1339643	Soil	0.4	65.4	6.6	74	0.3	18.5	20.2	960	4.58	15.9	0.5	6.0	2.8	22	0.1	0.5	0.1	82	0.47	0.064
1354932	Soil	0.6	38.8	16.8	91	0.3	18.3	18.2	865	4.10	10.2	0.7	5.7	3.5	20	0.2	0.2	0.1	59	0.41	0.070
1338254	Soil	0.4	23.3	8.4	84	<0.1	8.3	15.5	693	4.29	5.4	0.5	3.6	2.4	11	<0.1	0.3	<0.1	63	0.29	0.066
1339650	Soil	1.5	49.4	11.8	91	0.4	26.0	21.2	1191	4.55	28.3	0.6	18.5	6.6	13	0.4	0.4	<0.1	54	0.39	0.108
1339630	Soil	0.2	42.9	10.0	66	0.2	10.0	19.0	1318	4.03	2.1	0.4	6.8	2.7	11	0.2	0.3	<0.1	52	0.32	0.078
1339642	Soil	0.5	92.9	9.6	71	0.4	25.0	31.0	1548	5.41	15.7	0.3	1.2	2.0	14	0.1	0.3	<0.1	97	0.41	0.045
1339638	Soil	0.3	85.5	7.5	68	0.4	24.1	26.7	1097	4.93	7.3	0.5	2.6	2.3	13	<0.1	0.3	<0.1	120	0.27	0.045
1339641	Soil	0.9	50.0	9.4	69	0.2	22.3	18.5	916	3.95	10.0	0.7	1.5	3.8	13	0.2	0.3	0.1	67	0.28	0.054
1338252	Soil	0.4	42.5	12.9	86	0.5	17.3	21.1	1382	4.77	36.1	0.5	18.7	3.4	13	0.3	0.5	<0.1	60	0.33	0.086
1338255	Soil	0.3	14.2	6.8	74	<0.1	6.2	18.6	878	4.59	5.1	0.4	3.7	2.1	14	<0.1	0.2	<0.1	87	0.30	0.051
1339637	Soil	0.3	74.1	5.6	64	<0.1	20.6	22.1	749	4.46	4.7	0.5	0.8	2.3	15	<0.1	0.3	<0.1	96	0.32	0.049
1339639	Soil	0.3	78.6	11.7	80	0.4	24.6	26.2	1272	5.36	5.3	0.3	3.6	2.5	12	0.1	0.4	<0.1	93	0.31	0.053
1339633	Soil	0.7	33.4	11.3	66	0.1	25.1	12.9	562	3.15	14.4	1.0	2.3	4.7	18	<0.1	0.4	0.1	56	0.28	0.052
1339649	Soil	1.0	37.2	13.2	86	0.6	23.2	11.4	431	3.08	11.7	1.2	6.4	4.2	24	0.3	0.5	0.1	45	0.44	0.088
1339635	Soil	0.9	37.3	12.7	72	0.1	25.9	14.9	449	3.64	11.0	1.2	2.1	3.6	25	0.1	0.5	0.1	69	0.37	0.060
1339632	Soil	<0.1	51.3	5.2	64	0.2	11.7	17.3	1329	3.85	1.9	0.4	1.1	2.8	11	0.1	0.2	<0.1	60	0.29	0.074
1339634	Soil	0.3	47.1	13.1	87	0.2	14.1	23.4	1483	4.44	3.3	0.3	5.3	2.5	11	0.4	0.1	<0.1	57	0.31	0.086
1339636	Soil	0.6	34.3	8.0	67	<0.1	19.7	14.4	692	3.42	7.2	0.8	2.7	2.4	20	0.1	0.3	0.1	66	0.32	0.046

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1354916	Soil	8	20	1.38	207	0.038	<1	2.29	0.005	0.05	<0.1	0.02	7.9	<0.1	<0.05	7	<0.5
1354909	Soil	13	24	2.11	155	0.014	<1	2.48	0.002	0.03	<0.1	0.02	6.8	<0.1	<0.05	7	<0.5
1354930	Soil	18	31	2.06	229	0.013	<1	2.46	0.004	0.05	<0.1	0.02	4.2	<0.1	<0.05	7	<0.5
1354901	Rock Pulp	19	842	0.16	163	0.193	4	4.32	0.013	0.08	<0.1	0.03	52.0	<0.1	<0.05	19	0.6
1354906	Soil	8	10	1.83	54	0.006	<1	2.46	0.001	0.03	<0.1	<0.01	8.4	<0.1	<0.05	6	<0.5
1354902	Soil	30	29	1.71	87	0.014	<1	2.42	0.002	0.02	<0.1	0.04	5.2	<0.1	<0.05	6	<0.5
1354933	Soil	9	9	2.14	91	0.006	1	2.82	0.003	0.03	<0.1	<0.01	10.5	<0.1	<0.05	9	<0.5
1354921	Soil	8	23	1.06	185	0.031	1	1.97	0.005	0.04	<0.1	<0.01	4.3	<0.1	<0.05	6	<0.5
1354908	Soil	15	23	1.25	278	0.021	1	2.16	0.006	0.04	<0.1	0.03	6.3	<0.1	<0.05	5	<0.5
1354922	Soil	8	19	1.42	171	0.016	<1	2.15	0.004	0.04	<0.1	<0.01	4.4	<0.1	<0.05	6	<0.5
1339648	Soil	14	17	0.94	145	0.018	<1	1.44	0.005	0.03	<0.1	0.01	4.1	<0.1	<0.05	4	0.8
1339647	Soil	17	15	1.26	108	0.014	1	1.76	0.003	0.03	<0.1	0.02	4.8	<0.1	<0.05	5	<0.5
1339643	Soil	13	21	1.73	232	0.012	1	2.55	0.005	0.07	<0.1	0.03	9.9	<0.1	<0.05	7	<0.5
1354932	Soil	16	20	1.85	218	0.011	1	2.82	0.004	0.03	<0.1	0.03	5.8	<0.1	<0.05	7	<0.5
1338254	Soil	11	11	1.87	168	0.010	1	2.36	0.004	0.05	<0.1	0.02	7.5	<0.1	<0.05	6	<0.5
1339650	Soil	24	19	1.30	83	0.004	1	1.96	0.003	0.04	<0.1	0.02	5.7	<0.1	<0.05	5	<0.5
1339630	Soil	13	11	2.15	57	0.004	<1	2.64	0.003	0.03	<0.1	0.02	7.1	<0.1	<0.05	7	<0.5
1339642	Soil	7	18	2.22	193	0.011	<1	2.84	0.003	0.04	<0.1	0.03	15.1	<0.1	<0.05	8	<0.5
1339638	Soil	9	36	2.41	226	0.052	<1	2.70	0.005	0.04	<0.1	0.03	13.4	<0.1	<0.05	8	<0.5
1339641	Soil	13	26	1.11	289	0.021	<1	2.01	0.005	0.04	<0.1	0.03	7.5	<0.1	<0.05	6	<0.5
1338252	Soil	11	13	1.25	91	0.003	<1	1.97	0.003	0.03	<0.1	0.03	6.5	<0.1	<0.05	6	<0.5
1338255	Soil	9	9	2.62	151	0.030	<1	2.73	0.003	0.04	<0.1	<0.01	11.3	<0.1	<0.05	8	<0.5
1339637	Soil	8	22	2.32	185	0.065	1	2.74	0.008	0.04	<0.1	<0.01	6.9	<0.1	<0.05	8	<0.5
1339639	Soil	8	30	2.22	280	0.012	<1	2.98	0.004	0.05	<0.1	0.04	11.6	<0.1	<0.05	8	<0.5
1339633	Soil	17	31	1.12	281	0.033	1	2.04	0.006	0.05	<0.1	0.04	5.4	<0.1	<0.05	6	<0.5
1339649	Soil	19	23	0.81	190	0.031	1	1.44	0.009	0.04	0.1	0.03	4.7	<0.1	<0.05	4	<0.5
1339635	Soil	14	36	1.14	303	0.041	<1	2.04	0.009	0.04	0.1	0.03	6.9	<0.1	<0.05	6	<0.5
1339632	Soil	13	15	2.39	95	0.007	<1	2.71	0.003	0.04	<0.1	0.02	7.3	<0.1	<0.05	7	<0.5
1339634	Soil	10	19	2.34	85	0.004	<1	2.86	0.002	0.05	<0.1	<0.01	8.5	<0.1	<0.05	6	<0.5
1339636	Soil	11	28	1.44	272	0.047	<1	2.11	0.008	0.04	<0.1	0.02	5.6	<0.1	<0.05	6	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1339640	Soil	1.0	40.3	8.3	74	0.2	22.9	15.4	645	3.86	53.5	0.9	4.5	3.3	13	0.1	0.3	0.1	68	0.27	0.048
1339627	Soil	1.0	36.7	12.9	95	0.2	28.5	16.8	438	3.50	14.8	1.5	<0.5	5.3	26	0.4	0.2	0.1	51	0.40	0.086
1338256	Soil	0.3	19.9	8.0	75	0.2	7.9	18.9	1124	4.81	3.4	0.7	7.8	2.3	18	0.2	0.2	<0.1	111	0.39	0.059
1339644	Soil	0.7	52.7	9.9	81	0.3	18.4	16.6	692	4.20	12.0	0.8	2.9	4.1	15	<0.1	0.4	0.1	80	0.32	0.051
1354879	Soil	0.4	41.0	8.5	70	0.2	18.3	17.1	838	3.59	5.2	0.7	5.4	4.2	13	<0.1	0.2	0.1	59	0.30	0.068
1338251	Rock Pulp	2.3	25.1	2.6	47	0.3	23.5	10.3	392	2.42	4.9	0.3	<0.5	1.0	43	0.2	0.3	<0.1	66	0.87	0.062
1339645	Soil	0.4	51.9	6.6	66	0.2	19.7	18.5	921	3.97	9.3	1.3	2.0	2.0	33	0.2	0.4	<0.1	94	0.76	0.071
1339628	Soil	1.1	19.6	11.5	80	0.3	12.3	21.6	3303	3.25	19.4	0.6	4.0	2.1	45	0.5	0.2	0.1	42	1.09	0.085
1354877	Soil	0.2	43.9	21.0	96	<0.1	32.0	13.9	904	3.70	7.2	0.7	4.5	7.9	10	0.2	0.2	<0.1	45	0.26	0.101
1354882	Soil	1.7	43.5	8.2	135	0.2	40.8	13.2	591	4.82	79.5	0.8	43.0	7.4	23	0.5	0.1	0.1	71	0.27	0.109
1339626	Soil	1.0	27.4	7.0	64	<0.1	24.8	14.5	315	2.64	28.1	0.7	<0.5	1.6	20	<0.1	0.2	0.1	47	0.38	0.073
1338253	Soil	0.3	33.8	6.2	69	0.2	10.1	17.3	911	4.09	6.0	0.4	5.6	2.3	14	0.1	0.2	<0.1	61	0.32	0.087
1354883	Soil	1.8	39.5	20.8	100	0.7	35.7	20.0	805	3.50	60.0	1.0	5.0	3.2	28	0.7	0.2	0.2	55	0.43	0.082
1339631	Soil	0.3	37.6	11.2	60	0.2	12.3	17.0	1159	3.70	6.3	0.6	10.7	3.3	11	0.1	0.2	<0.1	50	0.27	0.069
1339629	Soil	0.4	48.8	16.7	74	0.4	19.8	15.9	571	3.05	10.3	1.0	5.9	3.1	37	0.5	0.3	0.1	40	0.99	0.077
1339646	Soil	0.5	26.5	7.2	71	0.2	12.2	16.7	900	3.90	5.7	1.1	4.6	2.4	27	0.3	0.3	<0.1	70	0.55	0.071
1354859	Soil	0.8	22.8	12.0	89	0.3	16.4	14.0	451	3.74	17.8	0.8	4.2	3.4	28	0.2	0.2	0.1	38	0.60	0.094
1354854	Soil	<0.1	110.7	5.8	72	0.3	17.7	32.2	1416	5.33	2.3	0.2	4.7	2.0	18	0.1	0.2	<0.1	91	0.54	0.073
1354853	Soil	0.1	94.5	5.4	54	<0.1	14.4	19.9	935	3.99	3.5	0.5	4.8	1.6	15	<0.1	0.3	<0.1	93	0.35	0.054
1354876	Soil	0.6	35.5	10.7	65	<0.1	22.4	13.7	684	3.39	9.8	1.0	2.5	4.1	18	<0.1	0.3	0.1	66	0.27	0.038
1354860	Soil	1.1	34.1	34.7	98	0.3	21.0	12.7	636	3.55	20.2	1.1	4.0	3.4	23	0.2	0.4	0.1	41	0.53	0.103
1354856	Soil	0.6	29.5	7.1	59	0.2	17.2	14.7	830	3.23	6.9	0.6	2.5	2.5	17	<0.1	0.3	0.1	61	0.34	0.064
1354851	Rock Pulp	2.4	24.5	2.5	44	0.3	23.4	10.1	400	2.32	4.5	0.3	3.1	1.0	40	0.2	0.2	<0.1	65	0.83	0.064
1354878	Soil	0.1	38.5	6.6	69	<0.1	13.3	19.5	1710	3.82	1.3	0.3	2.6	1.5	11	0.2	0.3	<0.1	45	0.20	0.063
1354861	Soil	0.6	28.1	9.0	59	0.3	16.2	12.0	547	3.12	9.3	0.8	3.0	2.8	24	<0.1	0.3	0.2	53	0.46	0.045
1354857	Soil	1.1	37.0	15.9	83	0.1	16.6	18.2	733	4.07	20.0	0.5	4.7	3.3	11	0.1	0.5	0.1	58	0.21	0.048
1354852	Soil	0.1	58.8	9.5	78	<0.1	25.8	16.1	740	3.67	5.5	0.7	13.9	4.3	16	0.1	0.4	<0.1	55	0.33	0.076
1354880	Soil	1.0	40.5	21.5	78	0.2	31.3	14.0	437	3.40	72.0	1.1	8.6	5.6	15	0.1	0.5	0.2	58	0.17	0.040
1354862	Soil	0.8	29.0	9.9	65	0.1	19.2	12.9	552	3.35	12.2	0.7	2.2	4.4	14	0.1	0.4	0.1	43	0.33	0.063
1354858	Soil	0.6	21.4	11.5	72	0.1	11.8	16.9	898	3.89	4.9	0.6	9.8	3.9	10	0.2	0.2	0.1	57	0.20	0.043

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1339640	Soil	12	31	1.33	316	0.019	<1	2.20	0.005	0.04	<0.1	0.03	6.5	<0.1	<0.05	6	<0.5
1339627	Soil	20	36	1.85	171	0.057	<1	2.15	0.004	0.05	<0.1	0.02	6.0	<0.1	<0.05	7	<0.5
1338256	Soil	25	13	2.53	358	0.022	<1	3.08	0.004	0.05	<0.1	0.03	13.6	<0.1	<0.05	9	<0.5
1339644	Soil	12	20	1.61	187	0.013	<1	2.39	0.004	0.03	<0.1	0.03	11.0	<0.1	<0.05	6	<0.5
1354879	Soil	13	20	1.63	222	0.014	<1	2.63	0.004	0.04	<0.1	0.02	6.2	<0.1	<0.05	7	<0.5
1338251	Rock Pulp	4	32	0.83	96	0.127	3	1.63	0.085	0.12	12.1	0.01	4.9	<0.1	0.05	5	<0.5
1339645	Soil	11	22	1.55	284	0.019	<1	2.28	0.007	0.04	<0.1	0.03	10.8	<0.1	<0.05	7	0.5
1339628	Soil	9	14	1.73	236	0.006	1	2.03	0.004	0.03	<0.1	0.02	3.9	<0.1	0.08	5	<0.5
1354877	Soil	21	28	1.95	166	0.006	<1	2.57	0.002	0.05	<0.1	<0.01	3.9	<0.1	<0.05	7	<0.5
1354882	Soil	23	48	3.32	94	0.005	<1	3.06	0.003	0.07	<0.1	<0.01	4.0	<0.1	<0.05	9	<0.5
1339626	Soil	9	35	1.23	78	0.066	<1	1.46	0.003	0.03	0.1	0.01	3.2	<0.1	<0.05	5	<0.5
1338253	Soil	11	12	0.88	132	0.011	<1	1.39	0.003	0.04	<0.1	0.02	7.2	<0.1	<0.05	4	<0.5
1354883	Soil	14	35	2.05	261	0.006	2	2.42	0.004	0.05	<0.1	0.03	3.4	<0.1	<0.05	7	0.5
1339631	Soil	10	14	1.28	168	0.009	1	2.02	0.004	0.04	<0.1	0.04	7.5	<0.1	<0.05	6	<0.5
1339629	Soil	16	18	1.40	168	0.007	1	2.03	0.004	0.04	<0.1	0.03	4.2	<0.1	<0.05	5	0.7
1339646	Soil	15	13	1.78	384	0.015	1	2.32	0.004	0.04	<0.1	0.03	8.4	<0.1	<0.05	7	<0.5
1354859	Soil	11	16	1.14	115	0.013	<1	1.59	0.003	0.02	<0.1	0.02	3.1	<0.1	<0.05	4	0.5
1354854	Soil	10	15	2.67	106	0.021	<1	2.82	0.002	0.05	<0.1	<0.01	12.4	<0.1	<0.05	8	<0.5
1354853	Soil	5	11	2.00	175	0.106	<1	2.21	0.003	0.09	<0.1	<0.01	8.4	0.1	<0.05	7	<0.5
1354876	Soil	16	35	1.24	305	0.032	1	2.40	0.008	0.04	<0.1	0.04	6.9	<0.1	<0.05	6	<0.5
1354860	Soil	13	24	1.23	153	0.017	<1	1.82	0.004	0.03	<0.1	0.01	3.5	<0.1	<0.05	5	<0.5
1354856	Soil	10	22	1.34	223	0.029	<1	2.13	0.006	0.03	0.1	0.03	5.0	<0.1	<0.05	6	<0.5
1354851	Rock Pulp	4	31	0.80	92	0.129	2	1.64	0.087	0.12	12.3	<0.01	4.8	<0.1	0.06	5	<0.5
1354878	Soil	6	11	1.96	107	0.024	<1	2.19	0.002	0.04	<0.1	0.02	5.5	<0.1	<0.05	6	<0.5
1354861	Soil	14	23	1.04	202	0.025	<1	1.92	0.005	0.03	<0.1	0.03	4.8	<0.1	<0.05	5	<0.5
1354857	Soil	13	22	1.65	231	0.014	<1	2.45	0.003	0.04	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5
1354852	Soil	19	21	1.58	163	0.023	<1	2.36	0.003	0.04	<0.1	0.02	5.4	<0.1	<0.05	6	<0.5
1354880	Soil	16	34	0.96	284	0.033	1	2.19	0.008	0.05	0.1	0.03	4.5	<0.1	<0.05	6	<0.5
1354862	Soil	13	20	1.01	142	0.026	<1	1.91	0.003	0.03	<0.1	0.02	4.0	<0.1	<0.05	5	<0.5
1354858	Soil	12	18	1.78	265	0.018	<1	2.63	0.004	0.05	<0.1	0.03	6.9	<0.1	<0.05	7	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1354855	Soil	<0.1	64.4	4.4	71	0.2	16.5	23.0	1229	5.03	2.2	0.3	5.5	1.7	14	0.2	0.2	<0.1	91	0.39
1354881	Soil	1.1	31.1	17.9	84	0.2	22.5	12.1	417	3.45	114.4	0.6	6.1	2.4	14	0.3	0.3	0.1	59	0.19
1354863	Soil	0.7	24.9	8.7	55	0.2	16.6	13.2	557	2.96	13.1	0.8	2.0	2.9	24	0.1	0.3	0.1	53	0.52
1354871	Soil	0.3	75.6	5.7	65	0.2	19.8	21.5	629	4.26	4.7	0.7	7.0	2.0	17	<0.1	0.3	<0.1	79	0.37
1354869	Soil	0.4	56.2	5.1	78	0.2	13.3	14.7	840	4.21	3.8	0.6	9.3	2.8	12	0.1	0.2	<0.1	35	0.30
1354865	Soil	0.5	43.1	6.8	71	0.2	18.3	21.7	683	4.53	9.6	0.5	2.5	1.8	19	0.1	0.3	<0.1	81	0.43
1354872	Soil	0.3	44.5	7.2	66	0.2	22.6	17.8	685	3.66	5.6	0.8	4.3	2.4	20	0.2	0.2	<0.1	82	0.43
1354873	Soil	0.3	27.2	7.8	59	<0.1	14.7	13.9	705	3.49	4.8	0.5	2.1	2.7	10	<0.1	0.2	<0.1	46	0.24
1354870	Soil	0.2	93.9	8.4	73	0.4	20.1	27.3	1157	5.02	5.2	0.4	6.9	1.6	13	0.2	0.3	<0.1	89	0.34
1354864	Soil	0.9	30.0	10.1	67	0.3	18.2	14.3	813	3.66	17.8	0.6	2.9	3.4	20	0.2	0.5	0.1	50	0.49
1345826	Soil	0.4	64.6	5.3	71	<0.1	12.0	19.7	862	4.67	1.6	0.4	4.1	2.7	3	<0.1	0.3	<0.1	72	0.07
1354875	Soil	0.2	40.9	8.7	76	0.2	21.3	14.0	763	3.95	4.6	0.6	4.3	4.1	12	<0.1	0.2	<0.1	50	0.37
1354874	Soil	0.2	50.4	8.6	77	0.2	21.7	18.2	903	4.40	4.4	0.7	6.1	3.0	14	0.2	0.2	<0.1	70	0.35
1354867	Soil	0.4	88.4	8.9	75	0.4	22.9	24.8	979	4.98	10.2	0.5	2.5	2.5	12	0.1	0.3	<0.1	106	0.26
1345828	Soil	0.5	25.2	3.9	88	<0.1	9.7	20.9	1003	5.53	3.6	0.6	3.1	3.0	4	<0.1	0.6	<0.1	89	0.05
1345827	Soil	0.7	53.1	8.3	75	0.2	13.3	18.3	970	4.65	3.4	0.9	4.0	2.6	7	<0.1	0.4	<0.1	54	0.12
1354868	Soil	0.8	44.2	9.2	76	0.1	21.6	13.9	433	3.58	25.4	0.7	2.5	3.7	10	<0.1	0.3	<0.1	54	0.16
1354866	Soil	0.2	69.2	4.0	66	0.2	20.7	24.9	847	5.36	5.3	0.3	3.2	1.3	10	<0.1	0.4	<0.1	125	0.27
1345835	Soil	0.6	38.6	8.5	55	0.1	13.7	12.8	460	3.30	12.3	0.7	4.1	2.7	5	<0.1	0.3	0.1	43	0.06
1345833	Soil	0.2	38.3	3.8	64	<0.1	11.8	19.1	840	4.30	2.4	0.4	4.3	1.4	11	<0.1	0.4	<0.1	80	0.12
1345832	Soil	0.5	40.1	6.3	70	<0.1	10.8	20.7	1079	4.57	4.8	0.4	4.1	2.4	5	0.1	0.2	0.1	46	0.11
1345830	Soil	0.8	21.0	17.2	74	<0.1	5.7	25.8	1277	6.43	1.7	0.7	3.2	2.5	12	<0.1	0.2	0.4	169	0.20
1345836	Soil	0.3	33.9	8.2	71	<0.1	6.5	11.9	884	3.76	3.3	0.4	9.5	3.2	8	<0.1	0.2	<0.1	36	0.27
1345834	Soil	1.0	59.5	11.5	58	0.3	20.2	23.2	842	3.83	14.1	0.6	13.5	4.5	5	<0.1	0.4	0.1	32	0.10
1345831	Soil	2.1	44.9	20.4	76	0.2	23.0	15.2	527	3.85	28.2	1.0	1.7	4.9	5	<0.1	0.3	0.5	42	0.07
1345829	Soil	0.7	23.8	3.6	81	<0.1	6.9	17.6	820	4.84	2.3	0.6	3.1	2.6	3	<0.1	0.3	<0.1	93	0.05
1345846	Soil	1.1	29.7	12.2	79	0.1	21.8	10.1	304	3.19	268.6	0.6	20.8	3.4	7	0.1	0.2	<0.1	43	0.09
1345848	Soil	1.0	20.6	27.9	73	0.2	18.6	10.8	388	2.89	66.2	0.8	7.0	3.3	13	0.4	0.5	0.2	52	0.17
1345838	Soil	0.4	42.9	9.2	65	0.1	19.9	18.3	783	4.22	3.7	0.6	2.4	3.4	6	<0.1	0.2	<0.1	67	0.11
1345837	Soil	0.9	33.7	13.4	71	0.2	12.9	17.9	1104	4.11	22.5	0.5	8.7	4.4	8	0.2	0.3	<0.1	41	0.21

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1354855	Soil	10	28	2.86	207	0.008	<1	3.01	0.003	0.04	<0.1	0.02	10.7	<0.1	<0.05	8	<0.5
1354881	Soil	13	31	1.26	202	0.020	<1	2.13	0.004	0.05	<0.1	0.02	3.3	<0.1	<0.05	6	<0.5
1354863	Soil	14	21	0.82	226	0.028	1	1.70	0.006	0.06	0.1	0.02	4.1	<0.1	<0.05	5	<0.5
1354871	Soil	9	20	2.20	178	0.044	<1	2.66	0.005	0.05	<0.1	0.02	6.2	<0.1	<0.05	7	<0.5
1354869	Soil	7	8	0.77	180	0.005	<1	1.55	0.003	0.04	<0.1	0.01	7.1	<0.1	<0.05	4	<0.5
1354865	Soil	7	18	1.90	172	0.020	<1	2.28	0.005	0.03	<0.1	0.02	8.3	<0.1	<0.05	6	<0.5
1354872	Soil	10	31	1.73	188	0.022	<1	2.44	0.005	0.03	<0.1	0.02	10.2	<0.1	<0.05	7	<0.5
1354873	Soil	9	19	1.53	156	0.015	<1	2.22	0.003	0.03	<0.1	0.02	5.0	<0.1	<0.05	6	<0.5
1354870	Soil	6	19	2.20	237	0.014	<1	2.65	0.004	0.05	<0.1	0.01	12.1	<0.1	<0.05	7	<0.5
1354864	Soil	14	17	1.12	181	0.022	1	1.85	0.006	0.03	0.1	0.03	5.1	<0.1	<0.05	5	<0.5
1345826	Soil	12	18	2.09	121	0.006	<1	2.80	0.003	0.04	<0.1	0.01	10.7	<0.1	<0.05	8	<0.5
1354875	Soil	15	23	1.76	168	0.008	<1	2.40	0.003	0.04	<0.1	0.02	5.1	<0.1	<0.05	6	<0.5
1354874	Soil	12	33	2.13	156	0.009	<1	2.83	0.003	0.04	<0.1	0.02	7.1	<0.1	<0.05	7	<0.5
1354867	Soil	8	24	1.89	262	0.014	<1	2.61	0.004	0.04	<0.1	0.02	14.1	<0.1	<0.05	8	<0.5
1345828	Soil	15	16	2.31	185	0.030	<1	3.12	0.003	0.05	<0.1	0.02	10.6	<0.1	<0.05	9	<0.5
1345827	Soil	13	14	0.76	172	0.012	<1	1.38	0.003	0.03	<0.1	0.03	7.6	<0.1	<0.05	4	<0.5
1354868	Soil	13	21	1.11	310	0.012	<1	2.14	0.004	0.04	<0.1	0.02	5.3	<0.1	<0.05	5	<0.5
1354866	Soil	5	23	2.66	174	0.017	<1	3.29	0.003	0.03	<0.1	0.01	14.3	<0.1	<0.05	9	<0.5
1345835	Soil	12	16	1.00	115	0.027	1	2.05	0.003	0.03	<0.1	0.02	4.5	<0.1	<0.05	5	<0.5
1345833	Soil	7	20	2.00	118	0.047	<1	2.39	0.003	0.03	<0.1	0.01	6.9	<0.1	<0.05	7	<0.5
1345832	Soil	6	7	0.55	96	0.002	<1	0.91	0.002	0.05	<0.1	0.02	6.5	<0.1	<0.05	2	<0.5
1345830	Soil	11	8	3.61	333	0.143	<1	3.38	0.002	0.34	<0.1	<0.01	24.2	0.3	<0.05	12	0.9
1345836	Soil	13	5	1.48	66	0.003	<1	2.19	0.009	0.03	<0.1	0.01	6.1	<0.1	<0.05	6	<0.5
1345834	Soil	10	14	1.33	182	0.006	<1	1.80	0.002	0.04	<0.1	0.03	5.5	<0.1	<0.05	4	<0.5
1345831	Soil	15	20	1.24	207	0.015	<1	2.04	0.003	0.04	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
1345829	Soil	10	12	2.33	262	0.047	<1	2.74	0.003	0.05	<0.1	0.02	12.7	<0.1	<0.05	9	<0.5
1345846	Soil	16	26	1.15	145	0.009	<1	1.83	0.003	0.05	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5
1345848	Soil	14	24	0.59	203	0.040	2	1.82	0.006	0.04	0.1	0.03	4.0	<0.1	<0.05	5	<0.5
1345838	Soil	12	38	2.40	150	0.012	<1	2.92	0.003	0.04	<0.1	0.02	8.7	<0.1	<0.05	7	<0.5
1345837	Soil	11	14	1.60	146	0.009	<1	2.23	0.003	0.03	<0.1	0.02	5.3	<0.1	<0.05	6	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1345845	Soil	1.1	25.6	13.0	73	<0.1	23.0	12.5	328	3.50	107.7	0.6	6.0	4.3	9	<0.1	0.3	0.1	49	0.09	0.031
1345847	Soil	0.5	25.2	11.6	72	0.1	9.3	20.3	905	4.45	31.5	0.5	6.4	2.9	7	0.1	0.2	<0.1	61	0.18	0.053
1345840	Soil	0.7	27.2	9.3	60	0.1	13.3	16.4	595	3.51	7.5	0.5	3.8	3.3	10	<0.1	0.3	0.1	54	0.16	0.015
1345839	Soil	0.3	25.9	7.7	70	<0.1	7.4	15.9	697	4.21	4.5	0.7	4.5	2.8	6	<0.1	0.2	<0.1	56	0.11	0.021
1345843	Soil	0.9	20.3	10.7	74	0.2	18.7	12.0	401	3.49	24.6	0.5	6.7	5.2	7	<0.1	0.3	0.2	58	0.08	0.025
1345841	Soil	1.3	22.0	24.5	82	0.1	19.6	6.5	169	2.40	30.2	0.9	2.9	5.9	11	0.2	0.2	0.2	29	0.16	0.070
1345842	Soil	1.5	21.6	11.5	104	0.3	18.1	16.0	823	4.32	29.7	1.1	3.8	7.2	25	0.4	0.3	<0.1	28	0.57	0.113
1345844	Soil	1.4	23.5	13.5	51	0.2	21.5	8.7	273	2.85	108.9	0.9	7.9	4.2	12	0.2	0.4	0.2	58	0.12	0.027
1354957	Soil	0.4	27.6	9.5	94	0.2	18.6	11.9	628	3.35	13.7	1.0	11.4	6.5	15	0.3	0.1	0.1	49	0.27	0.088
1354958	Soil	0.8	34.2	10.9	98	0.2	20.0	12.2	650	3.42	13.8	1.3	27.0	4.4	15	0.3	0.2	0.1	38	0.28	0.075
1354955	Soil	0.6	28.3	10.7	84	0.1	16.5	12.8	780	3.45	20.6	0.8	4.4	3.8	17	0.2	0.3	0.1	51	0.31	0.065
1338270	Soil	0.7	23.9	9.0	80	0.1	14.3	9.7	550	3.01	4.1	1.1	4.3	3.9	18	0.2	0.2	0.1	30	0.31	0.064
1338273	Soil	0.3	31.0	16.3	77	0.2	12.3	16.7	946	3.38	14.8	0.5	3.6	2.6	13	0.3	0.2	0.2	37	0.23	0.069
1354956	Soil	0.5	21.9	8.2	65	<0.1	16.3	7.9	331	2.67	11.4	0.8	1.8	4.4	17	<0.1	0.2	<0.1	41	0.24	0.048
1354951	Rock Pulp	2.3	22.9	2.3	41	0.2	21.5	9.6	342	2.12	4.6	0.2	0.7	0.9	37	0.1	0.2	<0.1	59	0.80	0.052
1354959	Soil	0.6	29.4	11.1	90	0.2	19.6	11.4	643	2.97	36.4	1.5	6.7	5.2	17	0.4	0.2	0.1	38	0.30	0.086
1338271	Soil	0.6	26.6	8.3	75	0.2	15.9	8.1	431	2.99	35.8	0.8	5.3	2.8	15	0.1	0.2	0.1	47	0.24	0.074
1354952	Soil	0.3	21.0	22.2	57	0.3	24.2	9.9	389	2.14	30.5	1.0	8.9	5.8	11	0.1	0.2	0.3	11	0.18	0.071
1354960	Soil	0.7	26.9	12.7	75	0.2	18.1	9.3	346	2.77	20.5	1.3	6.8	5.7	15	0.1	0.2	0.1	45	0.23	0.067
1354954	Soil	0.3	22.3	11.1	68	<0.1	14.3	12.2	721	3.17	16.8	0.8	4.2	2.3	11	<0.1	0.2	0.1	38	0.22	0.064

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1345845	Soil	18	30	1.36	216	0.020	<1	2.34	0.005	0.06	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5
1345847	Soil	9	9	2.21	132	0.007	<1	2.73	0.002	0.03	<0.1	<0.01	7.4	<0.1	<0.05	7	<0.5
1345840	Soil	12	17	1.35	196	0.019	<1	2.29	0.007	0.04	<0.1	0.02	5.5	<0.1	<0.05	6	<0.5
1345839	Soil	10	10	1.95	165	0.008	<1	2.68	0.003	0.04	<0.1	0.02	6.7	<0.1	<0.05	7	<0.5
1345843	Soil	17	35	1.53	212	0.020	<1	2.44	0.003	0.05	<0.1	0.02	6.1	0.1	<0.05	7	<0.5
1345841	Soil	29	19	0.99	270	0.006	<1	1.57	0.003	0.08	<0.1	0.04	2.9	<0.1	<0.05	5	<0.5
1345842	Soil	19	15	0.79	257	0.002	<1	1.00	0.002	0.07	<0.1	0.01	10.5	<0.1	<0.05	3	0.6
1345844	Soil	16	32	0.56	241	0.043	<1	1.86	0.006	0.05	0.1	0.03	4.6	<0.1	<0.05	6	<0.5
1354957	Soil	26	32	1.49	138	0.028	<1	1.71	0.003	0.10	<0.1	<0.01	8.8	0.1	<0.05	6	<0.5
1354958	Soil	17	16	0.99	175	0.016	<1	1.67	0.005	0.05	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5
1354955	Soil	16	18	1.20	202	0.014	<1	1.88	0.004	0.06	<0.1	0.03	6.2	<0.1	<0.05	6	<0.5
1338270	Soil	14	13	0.66	285	0.015	<1	1.14	0.004	0.07	<0.1	0.02	4.4	<0.1	<0.05	4	<0.5
1338273	Soil	8	9	1.35	83	0.006	<1	1.62	0.003	0.04	<0.1	<0.01	4.1	<0.1	<0.05	5	<0.5
1354956	Soil	17	19	0.97	273	0.029	<1	1.63	0.005	0.05	<0.1	0.03	4.0	<0.1	<0.05	5	<0.5
1354951	Rock Pulp	4	28	0.70	90	0.110	2	1.37	0.073	0.12	11.4	0.02	4.6	<0.1	<0.05	5	<0.5
1354959	Soil	21	18	0.90	208	0.011	<1	1.46	0.003	0.06	<0.1	0.01	5.0	<0.1	<0.05	5	<0.5
1338271	Soil	14	22	1.02	276	0.010	<1	1.50	0.004	0.06	<0.1	0.02	4.8	<0.1	<0.05	5	<0.5
1354952	Soil	18	9	0.48	112	0.002	<1	0.76	0.002	0.06	<0.1	0.07	2.5	<0.1	<0.05	3	<0.5
1354960	Soil	20	23	0.87	305	0.023	<1	1.45	0.004	0.06	<0.1	0.03	5.6	<0.1	<0.05	5	<0.5
1354954	Soil	11	8	1.00	106	0.007	<1	1.42	0.002	0.05	<0.1	0.03	5.0	<0.1	<0.05	5	<0.5

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Method Analyte Unit MDL		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1374247	Soil	0.3	39.0	5.2	81	0.1	16.5	22.0	1163	5.09	4.5	0.3	2.4	3.0	13	0.2	0.6	<0.1	91	1.78	0.088
REP 1374247	QC	0.4	40.2	5.4	81	<0.1	16.5	22.0	1199	5.29	4.9	0.3	2.3	3.0	12	0.2	0.6	<0.1	94	1.90	0.088
1345569	Soil	0.4	46.7	4.0	69	<0.1	13.5	19.1	786	5.28	14.8	0.4	2.3	1.5	11	<0.1	0.3	<0.1	68	0.24	0.040
REP 1345569	QC	0.4	47.3	4.0	74	<0.1	13.3	18.1	809	5.33	13.9	0.4	2.3	1.4	11	<0.1	0.4	<0.1	68	0.23	0.040
1369761	Soil	0.4	39.2	9.1	63	0.3	19.4	16.7	689	3.57	7.8	1.0	8.0	2.9	22	0.1	0.4	0.1	57	0.56	0.062
REP 1369761	QC	0.4	40.5	9.2	65	0.3	18.9	16.6	703	3.35	7.9	1.1	3.1	2.8	22	<0.1	0.4	0.1	56	0.56	0.058
1392769	Soil	0.3	11.7	3.6	92	<0.1	3.6	6.7	817	3.71	3.0	0.8	8.1	5.1	12	<0.1	0.2	<0.1	14	0.28	0.091
REP 1392769	QC	0.3	11.4	3.8	92	<0.1	3.7	6.7	798	3.70	3.3	0.6	5.9	5.2	12	<0.1	0.2	<0.1	15	0.27	0.094
1354920	Soil	<0.1	34.0	9.6	28	<0.1	17.0	6.6	183	0.89	3.3	1.3	1.9	5.0	18	<0.1	0.2	<0.1	13	0.31	0.076
REP 1354920	QC	0.1	35.8	9.5	27	<0.1	17.0	6.5	178	0.85	2.9	1.3	0.8	4.7	19	<0.1	0.3	<0.1	12	0.29	0.082
1357041	Soil	1.6	17.9	14.2	76	0.2	19.0	12.2	368	2.95	14.4	0.6	4.8	3.0	19	0.1	0.4	0.2	56	0.31	0.075
REP 1357041	QC	1.6	18.7	13.9	78	0.2	18.7	12.2	369	2.98	15.4	0.6	3.7	2.9	19	0.1	0.4	0.2	56	0.28	0.080
1339633	Soil	0.7	33.4	11.3	66	0.1	25.1	12.9	562	3.15	14.4	1.0	2.3	4.7	18	<0.1	0.4	0.1	56	0.28	0.052
REP 1339633	QC	0.7	32.5	11.2	67	0.1	25.3	12.9	567	3.19	14.0	0.9	0.9	4.8	17	<0.1	0.4	0.1	54	0.27	0.054
1354855	Soil	<0.1	64.4	4.4	71	0.2	16.5	23.0	1229	5.03	2.2	0.3	5.5	1.7	14	0.2	0.2	<0.1	91	0.39	0.074
REP 1354855	QC	<0.1	62.0	4.4	70	0.3	16.3	23.6	1213	5.07	2.2	0.3	6.3	1.7	14	0.1	0.2	<0.1	91	0.39	0.070
1345845	Soil	1.1	25.6	13.0	73	<0.1	23.0	12.5	328	3.50	107.7	0.6	6.0	4.3	9	<0.1	0.3	0.1	49	0.09	0.031
REP 1345845	QC	1.1	27.7	12.7	78	0.1	23.3	12.9	343	3.53	105.1	0.7	4.4	4.3	9	<0.1	0.3	0.1	48	0.09	0.033
Reference Materials																					
STD DS10	Standard	15.4	158.3	153.5	391	1.9	80.3	13.0	917	2.85	45.3	2.7	63.6	7.4	71	2.5	8.6	11.1	52	1.08	0.082
STD DS10	Standard	15.9	166.0	151.1	378	1.9	79.5	13.3	937	2.87	46.8	2.8	71.8	8.0	71	2.8	9.2	12.6	48	1.08	0.078
STD DS10	Standard	14.5	161.0	151.1	371	1.8	75.3	13.3	899	2.92	44.5	2.7	80.2	7.9	68	2.5	8.4	11.6	47	1.01	0.080
STD DS10	Standard	15.9	159.2	159.0	379	1.9	74.2	12.9	880	2.79	47.9	2.8	71.1	8.4	69	2.6	8.4	12.2	48	1.07	0.080
STD DS10	Standard	16.3	162.9	157.8	381	2.0	82.0	13.2	914	2.89	46.1	2.8	73.8	8.3	68	2.4	9.0	11.3	50	1.12	0.080
STD DS10	Standard	14.5	167.2	159.5	386	1.8	82.4	13.5	952	2.92	47.0	2.7	78.1	7.6	71	2.7	8.7	11.6	49	1.17	0.080
STD DS10	Standard	15.0	148.2	151.8	349	1.8	72.4	13.2	865	2.70	42.6	2.5	115.2	7.8	63	2.4	7.4	11.0	47	1.04	0.068
STD DS10	Standard	14.5	150.2	151.1	348	1.8	73.4	12.9	820	2.63	42.6	2.6	99.4	7.6	64	2.5	8.1	11.7	44	0.98	0.067
STD DS10	Standard	15.7	163.5	163.1	386	2.0	80.4	13.7	940	2.89	45.3	2.8	88.1	8.1	67	2.3	8.8	11.7	51	1.14	0.073

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1374247	Soil	12	24	0.89	173	0.007	3	1.33	0.005	0.06	<0.1	<0.01	15.8	<0.1	<0.05	5	<0.5	<0.2
REP 1374247	QC	12	24	0.88	178	0.007	2	1.32	0.003	0.06	<0.1	0.02	15.9	<0.1	<0.05	4	<0.5	<0.2
1345569	Soil	3	13	2.21	126	0.031	<1	2.74	0.003	0.04	<0.1	0.01	4.4	<0.1	<0.05	7	<0.5	<0.2
REP 1345569	QC	3	13	2.14	131	0.029	<1	2.63	0.003	0.04	<0.1	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
1369761	Soil	15	20	1.22	285	0.020	2	2.03	0.006	0.04	0.1	0.03	5.6	<0.1	<0.05	5	<0.5	<0.2
REP 1369761	QC	14	20	1.16	281	0.020	2	1.97	0.006	0.04	<0.1	0.04	5.7	<0.1	<0.05	6	0.6	<0.2
1392769	Soil	18	4	1.63	166	0.042	<1	1.93	0.002	0.10	<0.1	<0.01	6.2	<0.1	<0.05	6	<0.5	<0.2
REP 1392769	QC	18	4	1.64	172	0.040	<1	1.87	0.003	0.09	<0.1	<0.01	5.6	<0.1	<0.05	6	<0.5	<0.2
1354920	Soil	15	8	0.38	120	0.038	<1	0.56	0.005	0.06	<0.1	<0.01	3.3	<0.1	<0.05	2	0.5	<0.2
REP 1354920	QC	15	8	0.37	122	0.038	<1	0.55	0.005	0.05	<0.1	0.01	3.1	<0.1	<0.05	2	0.6	<0.2
1357041	Soil	11	27	1.21	150	0.044	<1	1.71	0.007	0.05	0.1	0.04	4.1	<0.1	<0.05	5	0.8	<0.2
REP 1357041	QC	11	27	1.28	151	0.041	<1	1.76	0.007	0.05	0.1	0.04	3.9	<0.1	<0.05	6	0.7	<0.2
1339633	Soil	17	31	1.12	281	0.033	1	2.04	0.006	0.05	<0.1	0.04	5.4	<0.1	<0.05	6	<0.5	<0.2
REP 1339633	QC	17	31	1.19	290	0.032	1	2.02	0.007	0.04	<0.1	0.04	5.2	<0.1	<0.05	6	<0.5	<0.2
1354855	Soil	10	28	2.86	207	0.008	<1	3.01	0.003	0.04	<0.1	0.02	10.7	<0.1	<0.05	8	<0.5	<0.2
REP 1354855	QC	10	29	2.81	207	0.009	<1	2.98	0.003	0.04	<0.1	<0.01	10.5	<0.1	<0.05	8	<0.5	<0.2
1345845	Soil	18	30	1.36	216	0.020	<1	2.34	0.005	0.06	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
REP 1345845	QC	18	30	1.45	214	0.021	<1	2.39	0.004	0.05	<0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	19	60	0.82	371	0.088	6	1.12	0.069	0.35	3.2	0.32	3.1	5.3	0.31	5	3.1	4.6
STD DS10	Standard	19	60	0.81	344	0.090	7	1.16	0.076	0.34	2.9	0.30	3.4	5.1	0.29	5	2.3	4.9
STD DS10	Standard	19	58	0.80	357	0.085	8	1.10	0.069	0.30	3.1	0.29	3.3	5.0	0.30	4	2.5	4.9
STD DS10	Standard	20	60	0.82	363	0.089	7	1.11	0.071	0.35	3.0	0.29	3.3	5.1	0.34	5	2.5	4.7
STD DS10	Standard	19	59	0.82	369	0.087	6	1.11	0.064	0.32	3.1	0.30	3.0	5.0	0.26	4	2.0	4.4
STD DS10	Standard	19	59	0.80	382	0.086	7	1.06	0.062	0.35	3.0	0.28	3.0	5.2	0.28	5	2.7	4.8
STD DS10	Standard	18	56	0.77	343	0.081	5	1.03	0.061	0.31	3.0	0.29	3.0	5.0	0.25	4	1.8	5.2
STD DS10	Standard	18	55	0.75	337	0.081	7	0.93	0.062	0.32	2.9	0.33	3.1	4.7	0.25	4	2.3	4.5
STD DS10	Standard	20	60	0.82	367	0.089	7	1.14	0.068	0.34	3.1	0.29	3.2	5.2	0.27	5	1.2	5.7

QUALITY CONTROL REPORT

WHI14000227.1

		AQ201 Mo ppm 0.1	AQ201 Cu ppm 0.1	AQ201 Pb ppm 0.1	AQ201 Zn ppm 1	AQ201 Ag ppm 0.1	AQ201 Ni ppm 0.1	AQ201 Co ppm 0.1	AQ201 Mn ppm 1	AQ201 Fe % 0.01	AQ201 As ppm 0.5	AQ201 U ppm 0.1	AQ201 Au ppb 0.5	AQ201 Th ppm 0.1	AQ201 Sr ppm 1	AQ201 Cd ppm 0.1	AQ201 Sb ppm 0.1	AQ201 Bi ppm 0.1	AQ201 V ppm 2	AQ201 Ca % 0.01	AQ201 P % 0.001
STD OXC109	Standard	1.5	36.6	11.6	40	<0.1	78.5	21.3	428	3.06	0.6	0.6	197.6	1.6	155	<0.1	<0.1	<0.1	54	0.80	0.110
STD OXC109	Standard	1.5	38.2	11.3	41	<0.1	76.4	19.9	422	3.02	<0.5	0.6	205.1	1.6	153	<0.1	<0.1	<0.1	53	0.79	0.116
STD OXC109	Standard	1.5	36.1	11.1	39	<0.1	70.3	18.8	389	2.82	0.7	0.6	192.3	1.5	136	<0.1	<0.1	<0.1	46	0.70	0.106
STD OXC109	Standard	1.5	36.9	11.8	41	<0.1	71.8	19.5	413	2.88	0.6	0.6	192.0	1.6	146	<0.1	<0.1	<0.1	52	0.75	0.105
STD OXC109	Standard	1.8	33.8	11.2	38	<0.1	74.6	19.9	400	2.94	<0.5	0.6	188.2	1.5	139	<0.1	<0.1	<0.1	51	0.74	0.103
STD OXC109	Standard	1.2	36.8	11.7	42	<0.1	78.0	20.8	414	3.15	<0.5	0.6	195.6	1.5	152	<0.1	<0.1	<0.1	52	0.75	0.110
STD OXC109	Standard	1.4	34.3	10.5	37	<0.1	70.6	19.1	381	2.70	1.1	0.6	187.0	1.5	135	<0.1	<0.1	<0.1	50	0.72	0.099
STD OXC109	Standard	1.4	35.3	11.3	39	<0.1	70.9	19.5	409	2.84	0.6	0.6	192.5	1.5	145	<0.1	<0.1	<0.1	51	0.72	0.099
STD OXC109	Standard	1.3	34.8	11.3	38	<0.1	72.9	20.1	407	2.87	0.9	0.6	198.7	1.5	141	<0.1	<0.1	<0.1	52	0.77	0.098
STD DS10 Expected		14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OXC109 Expected		201																			
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	2	<0.01	<0.001

QUALITY CONTROL REPORT

WHI14000227.1

		AQ201 La ppm 1	AQ201 Cr ppm 1	AQ201 Mg % 0.01	AQ201 Ba ppm 1	AQ201 Ti % 0.001	AQ201 B ppm 1	AQ201 Al % 0.01	AQ201 Na % 0.001	AQ201 K % 0.01	AQ201 W ppm 0.1	AQ201 Hg ppm 0.01	AQ201 Sc ppm 0.1	AQ201 Ti ppm 0.1	AQ201 S % 0.05	AQ201 Ga ppm 1	AQ201 Se ppm 0.5	AQ201 Te ppm 0.2
STD OXC109	Standard	13	63	1.56	58	0.408	1	1.62	0.714	0.42	0.2	<0.01	1.2	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	63	1.60	58	0.405	1	1.70	0.703	0.40	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	57	1.45	57	0.378	<1	1.58	0.647	0.38	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	13	62	1.46	57	0.409	2	1.59	0.660	0.40	0.1	<0.01	1.2	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	60	1.45	60	0.378	3	1.48	0.647	0.39	0.2	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	62	1.51	58	0.383	2	1.54	0.684	0.42	0.2	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	58	1.40	53	0.372	<1	1.53	0.660	0.37	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	13	58	1.49	58	0.378	2	1.54	0.653	0.39	0.2	<0.01	1.3	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	61	1.49	55	0.394	1	1.56	0.651	0.40	0.2	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OXC109 Expected																		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Centerra Gold**
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Submitted By: Jodie Gibson
Receiving Lab: Canada-Whitehorse
Received: October 02, 2014
Report Date: October 16, 2014
Page: 1 of 11

CERTIFICATE OF ANALYSIS

WHI14000228.1

CLIENT JOB INFORMATION

Project: KSD
Shipment ID: KSD2014-09-25
P.O. Number
Number of Samples: 296

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Centerra Gold
1 University Avenue, Suite 1500
Toronto ON M5J 2P1
CANADA

CC: Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	296	Dry at 60C			WHI
SS80	292	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	296	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISP2	296	Heat treatment of Soils and Sediments			VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI14000228.1

	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1392877	Soil	0.4	83.3	8.5	64	<0.1	22.4	24.4	1207	4.60	7.0	0.3	5.9	2.3	4	<0.1	0.6	<0.1	79	0.09
1338346	Soil	0.8	27.0	8.8	73	<0.1	9.3	16.5	885	4.79	3.9	0.6	3.9	2.8	7	<0.1	0.5	0.1	102	0.09
1338268	Soil	1.1	23.3	11.7	66	0.1	19.2	10.5	519	3.11	19.7	2.2	4.2	3.5	30	0.2	0.3	0.1	46	0.53
1338266	Soil	1.0	23.8	7.3	56	0.1	13.6	8.6	604	3.57	66.2	1.4	18.1	4.0	28	0.2	0.3	0.2	32	0.51
1338350	Soil	0.2	44.9	7.3	83	0.2	11.0	23.0	1327	4.74	2.9	0.4	2.8	2.7	8	0.2	0.3	0.2	105	0.26
1392879	Soil	1.0	44.7	6.5	64	0.3	21.9	21.1	595	5.97	7.1	0.2	1.0	1.1	7	0.1	0.3	0.1	161	0.09
1338344	Soil	0.5	157.4	5.2	98	0.1	18.4	29.5	1066	5.66	4.7	0.4	7.4	1.8	7	<0.1	0.3	<0.1	95	0.20
1338265	Soil	0.7	18.5	11.1	74	0.2	15.7	9.8	594	3.05	12.1	1.5	6.0	2.9	38	0.3	0.2	0.1	38	0.60
1338349	Soil	1.9	37.3	9.0	100	<0.1	22.4	15.4	635	5.29	160.7	0.9	3.0	4.8	4	0.1	0.3	<0.1	74	0.07
1392878	Soil	0.4	92.7	7.8	70	0.5	24.2	22.8	726	5.67	27.4	0.5	7.1	2.3	5	<0.1	0.3	0.1	132	0.07
1338345	Soil	0.8	47.3	5.5	81	<0.1	3.6	11.5	771	4.53	4.0	0.8	8.2	2.9	3	<0.1	0.6	<0.1	33	0.09
1338269	Soil	0.9	25.2	10.7	72	0.1	17.9	13.0	708	3.36	15.5	1.6	39.4	2.4	30	0.2	0.3	0.1	53	0.60
1338348	Soil	1.0	34.5	9.3	84	<0.1	27.4	15.3	611	4.32	6.8	0.6	1.5	4.4	6	0.1	0.3	0.1	82	0.07
1392876	Soil	0.4	46.5	4.6	49	<0.1	23.3	15.8	575	3.56	3.8	0.4	3.4	1.7	9	<0.1	0.3	<0.1	84	0.18
1392880	Soil	0.2	40.5	7.4	63	0.2	21.1	17.7	1163	4.60	2.0	0.2	2.1	2.5	9	<0.1	<0.1	<0.1	78	0.19
1338272	Soil	0.3	25.0	11.2	67	0.2	14.3	12.0	692	3.51	29.0	0.5	5.4	2.3	11	<0.1	0.2	0.1	48	0.23
1392885	Soil	1.3	42.3	10.4	85	<0.1	37.5	22.4	801	3.79	94.2	0.6	4.3	5.3	8	0.4	0.2	<0.1	52	0.19
1338261	Soil	1.1	15.7	12.6	74	0.2	13.7	7.8	417	2.70	9.9	1.1	4.2	3.7	13	0.2	0.3	0.1	38	0.24
1338258	Soil	1.1	12.7	6.3	59	0.2	15.0	6.6	429	2.80	12.1	1.7	10.0	6.7	11	0.1	0.2	0.1	18	0.27
1338347	Soil	0.8	21.5	5.8	73	<0.1	4.4	9.8	918	3.78	2.3	0.6	7.6	2.1	5	<0.1	0.3	<0.1	38	0.08
1392889	Soil	1.4	43.4	21.9	95	0.5	25.6	17.1	849	3.95	17.9	0.4	3.8	5.6	11	0.3	0.2	0.2	31	0.24
1392884	Soil	1.0	38.2	13.0	88	0.2	34.3	18.6	657	4.33	17.1	0.6	2.3	5.1	13	0.2	0.2	0.1	78	0.27
1338257	Soil	1.0	13.1	5.8	57	0.2	16.1	5.9	293	2.45	16.2	1.8	7.3	7.3	11	0.1	0.2	0.1	17	0.22
1338260	Soil	1.1	17.5	8.7	61	0.2	14.6	6.2	241	2.23	14.2	1.3	6.8	3.4	14	0.2	0.3	0.1	26	0.25
1392890	Soil	0.8	16.0	16.3	67	<0.1	5.3	19.1	786	4.43	5.6	0.2	1.1	1.9	5	<0.1	0.2	0.1	61	0.08
1392886	Soil	1.5	31.8	13.7	97	0.2	30.3	11.1	343	3.63	174.2	0.9	30.3	4.3	14	0.2	0.3	0.1	42	0.20
1338262	Soil	1.0	10.1	8.9	49	0.1	13.3	6.7	396	2.28	8.9	1.6	7.9	8.8	14	0.1	0.2	0.1	16	0.27
1338259	Soil	0.8	20.2	11.6	71	0.4	16.7	9.7	616	2.71	11.8	1.0	7.6	1.7	19	0.2	0.2	0.1	44	0.31
1392891	Soil	0.3	18.4	12.5	67	<0.1	6.4	16.8	1320	4.66	3.3	0.2	0.8	2.3	6	0.1	<0.1	<0.1	54	0.10
1392888	Soil	2.0	45.0	14.8	98	0.2	39.1	12.8	338	3.64	299.9	0.8	19.2	4.8	19	0.2	0.3	0.1	46	0.22

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1392877	Soil	13	17	2.58	78	0.050	<1	2.66	0.002	0.04	<0.1	<0.01	6.5	<0.1	<0.05	7	<0.5
1338346	Soil	16	15	1.91	229	0.028	1	2.89	0.004	0.04	<0.1	0.03	10.5	<0.1	<0.05	9	<0.5
1338268	Soil	15	19	0.98	266	0.017	1	1.53	0.006	0.05	0.1	0.02	4.8	<0.1	<0.05	5	1.3
1338266	Soil	15	14	0.62	217	0.016	1	1.27	0.006	0.05	0.1	0.03	5.3	<0.1	<0.05	4	0.7
1338350	Soil	12	16	2.72	100	0.004	<1	2.84	0.003	0.03	<0.1	0.02	14.1	<0.1	<0.05	10	<0.5
1392879	Soil	5	26	2.26	86	0.047	<1	3.82	0.003	0.03	<0.1	0.02	9.9	<0.1	<0.05	13	<0.5
1338344	Soil	13	21	2.92	149	0.010	<1	3.18	0.003	0.03	<0.1	0.02	13.8	<0.1	<0.05	8	<0.5
1338265	Soil	14	15	0.91	240	0.013	1	1.55	0.005	0.05	<0.1	0.03	4.9	<0.1	<0.05	5	0.7
1338349	Soil	13	22	2.12	154	0.012	<1	2.65	0.003	0.04	<0.1	0.02	8.1	<0.1	<0.05	8	0.6
1392878	Soil	8	29	2.71	82	0.018	<1	3.80	0.003	0.02	<0.1	0.03	14.3	<0.1	<0.05	9	<0.5
1338345	Soil	14	3	0.67	86	0.003	<1	1.11	0.002	0.03	<0.1	0.01	8.9	<0.1	<0.05	3	<0.5
1338269	Soil	10	19	1.32	242	0.026	<1	2.01	0.007	0.05	0.1	0.02	4.9	<0.1	<0.05	6	0.9
1338348	Soil	13	40	1.81	196	0.037	<1	2.55	0.003	0.05	<0.1	0.02	9.5	0.1	<0.05	8	0.5
1392876	Soil	7	42	2.01	172	0.045	<1	2.51	0.003	0.03	<0.1	<0.01	6.8	<0.1	<0.05	8	<0.5
1392880	Soil	11	37	3.00	140	0.008	<1	3.03	0.002	0.03	<0.1	0.02	7.8	<0.1	<0.05	8	<0.5
1338272	Soil	11	16	1.48	170	0.011	<1	2.15	0.004	0.05	<0.1	0.02	4.2	<0.1	<0.05	6	<0.5
1392885	Soil	14	44	2.34	155	0.004	<1	2.60	0.002	0.04	<0.1	<0.01	5.3	<0.1	<0.05	7	<0.5
1338261	Soil	18	16	0.71	236	0.020	<1	1.33	0.005	0.05	0.1	0.03	3.8	<0.1	<0.05	4	<0.5
1338258	Soil	23	13	0.63	167	0.009	<1	1.16	0.003	0.04	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5
1338347	Soil	9	6	0.66	187	0.014	<1	1.38	0.003	0.05	<0.1	0.01	7.3	<0.1	<0.05	6	<0.5
1392889	Soil	9	19	2.01	75	0.003	<1	2.19	0.002	0.05	<0.1	<0.01	3.8	<0.1	<0.05	6	<0.5
1392884	Soil	19	47	2.26	186	0.014	<1	2.48	0.003	0.04	<0.1	0.01	10.3	<0.1	<0.05	7	<0.5
1338257	Soil	27	13	0.50	192	0.012	<1	0.98	0.003	0.04	<0.1	0.01	2.7	<0.1	<0.05	3	<0.5
1338260	Soil	17	15	0.51	251	0.020	<1	1.01	0.006	0.05	<0.1	0.03	3.1	<0.1	<0.05	3	<0.5
1392890	Soil	5	9	1.73	76	0.012	<1	2.64	0.002	0.03	<0.1	<0.01	3.9	<0.1	<0.05	8	<0.5
1392886	Soil	24	27	1.73	167	0.008	<1	2.16	0.003	0.07	<0.1	0.02	3.5	<0.1	<0.05	6	<0.5
1338262	Soil	30	10	0.32	179	0.006	<1	0.68	0.004	0.06	<0.1	0.02	3.0	<0.1	<0.05	2	<0.5
1338259	Soil	16	19	0.91	410	0.011	<1	1.71	0.005	0.07	0.1	0.03	3.6	<0.1	<0.05	5	<0.5
1392891	Soil	10	9	2.39	100	0.009	<1	3.12	0.002	0.04	<0.1	<0.01	4.7	<0.1	<0.05	7	<0.5
1392888	Soil	21	28	2.02	171	0.009	<1	2.30	0.003	0.07	<0.1	0.01	3.2	<0.1	<0.05	6	<0.5

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1338267	Soil	0.6	16.3	6.8	66	<0.1	13.2	8.9	500	2.99	15.9	1.9	23.7	2.9	30	0.1	0.2	0.1	35	0.62	0.098
1338264	Soil	1.4	23.6	15.6	81	0.2	18.6	8.4	535	2.97	9.5	1.4	11.0	3.4	31	0.2	0.3	0.2	46	0.59	0.075
1338336	Soil	0.8	33.3	8.1	89	0.1	26.3	12.5	513	3.53	62.2	0.6	10.7	3.7	14	0.2	0.3	0.1	52	0.19	0.074
1338332	Soil	0.9	28.4	10.2	74	0.1	20.8	12.5	711	3.47	14.3	0.6	6.9	3.3	15	0.1	0.5	0.1	55	0.29	0.050
1338327	Soil	0.9	25.7	11.3	82	0.2	21.7	10.5	486	3.43	17.6	0.8	7.6	4.2	13	0.1	0.3	0.1	55	0.24	0.060
1392883	Soil	0.4	16.5	9.1	64	<0.1	9.1	15.1	764	4.09	5.6	0.2	2.1	2.2	3	<0.1	0.2	<0.1	55	0.06	0.024
1338335	Soil	0.3	38.7	12.7	77	0.2	19.2	16.6	1135	3.86	14.9	0.4	5.7	2.9	12	0.2	0.2	0.1	46	0.25	0.069
1338263	Soil	1.1	19.7	9.1	87	0.2	14.1	7.9	336	2.92	8.7	1.1	22.2	4.1	18	0.2	0.3	0.2	28	0.37	0.085
1338328	Soil	0.8	22.2	10.6	73	<0.1	17.1	9.1	382	2.95	13.4	0.7	49.9	3.6	11	<0.1	0.3	<0.1	41	0.19	0.035
1392881	Soil	1.2	35.4	10.4	55	0.1	15.3	9.1	379	2.87	9.9	0.3	2.2	4.2	6	<0.1	0.2	<0.1	25	0.10	0.018
1338337	Soil	0.7	33.9	6.7	97	0.1	21.6	11.9	606	3.74	25.4	0.9	33.6	3.2	16	0.2	0.2	0.1	50	0.33	0.087
1338334	Soil	0.4	34.4	22.5	73	0.1	32.0	12.8	639	2.64	22.1	0.7	6.4	4.5	12	0.1	0.3	0.3	22	0.22	0.077
1338329	Soil	0.8	27.5	9.0	75	0.2	19.3	10.3	592	3.13	11.2	0.7	356.2	3.8	14	0.1	0.3	<0.1	40	0.26	0.058
1392882	Soil	0.9	19.7	10.0	54	0.1	18.8	9.9	364	3.07	9.3	0.4	3.1	2.9	7	<0.1	0.6	0.1	50	0.09	0.017
1338338	Soil	0.9	25.3	6.5	62	0.2	10.2	10.5	529	3.41	3.4	0.6	6.4	2.2	11	<0.1	0.3	0.1	48	0.21	0.051
1338331	Soil	0.8	33.7	16.0	87	<0.1	23.4	13.4	660	3.52	18.1	0.6	7.1	4.3	16	0.2	0.4	<0.1	42	0.26	0.066
1338330	Soil	0.8	22.1	11.4	65	0.1	16.2	10.8	411	3.19	11.3	0.6	5.0	3.5	8	<0.1	0.4	<0.1	52	0.12	0.025
1338326	Soil	1.3	24.3	13.1	80	0.3	20.5	12.2	633	3.29	30.4	0.6	9.4	3.9	11	0.1	0.3	0.1	48	0.20	0.051
1338317	Soil	1.3	52.8	20.3	123	0.4	15.2	14.6	412	3.97	12.9	1.2	13.6	2.8	12	0.5	0.4	0.2	56	0.24	0.063
1338316	Soil	1.5	41.3	36.5	122	0.4	13.8	14.8	323	3.53	11.9	1.0	14.5	2.6	14	0.7	0.3	0.2	45	0.27	0.079
1338312	Soil	0.9	125.9	8.8	65	1.2	26.6	19.3	815	3.36	13.8	0.9	16.0	2.7	21	0.3	0.3	0.7	39	0.65	0.067
1338313	Soil	0.9	77.0	7.0	65	0.8	29.5	16.9	839	3.69	14.1	1.0	9.6	4.9	14	0.2	0.3	0.5	40	0.40	0.066
1338320	Soil	1.5	25.0	13.5	77	0.1	18.3	10.5	353	2.92	15.3	0.7	9.5	3.6	9	0.1	0.3	0.1	37	0.17	0.055
1338315	Soil	1.0	26.4	5.7	42	0.3	11.5	13.3	533	3.16	10.9	1.2	7.9	2.2	22	0.2	0.3	0.4	26	0.71	0.089
1338318	Soil	1.3	47.9	13.3	96	0.3	13.4	14.8	426	3.75	15.7	1.0	29.5	3.6	8	0.3	0.4	0.3	37	0.17	0.061
1338314	Soil	1.1	48.3	5.8	57	0.5	25.7	20.7	1189	3.99	13.7	1.2	7.1	3.1	16	0.2	0.3	0.6	41	0.49	0.101
1338342	Soil	1.2	31.8	11.2	64	0.2	29.5	10.8	297	3.01	54.6	0.8	12.5	4.3	10	0.1	0.7	0.2	55	0.09	0.024
1338340	Soil	1.3	45.8	11.3	82	0.1	23.8	15.5	882	4.09	35.5	0.6	17.0	4.4	7	0.1	0.3	<0.1	44	0.26	0.084
1338322	Soil	1.3	23.9	13.3	67	0.2	21.2	7.8	238	3.13	92.8	0.7	10.0	2.8	7	0.1	0.4	0.2	53	0.09	0.040
1338321	Soil	0.8	19.9	12.0	71	0.2	16.0	10.4	342	2.90	26.8	0.5	4.3	3.9	11	0.1	0.2	0.1	38	0.20	0.067

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1338267	Soil	12	14	0.87	168	0.012	<1	1.49	0.004	0.05	<0.1	0.02	4.5	<0.1	<0.05	5	0.9	<0.2
1338264	Soil	17	22	0.69	331	0.022	<1	1.41	0.008	0.06	0.1	0.04	5.6	<0.1	<0.05	5	0.5	<0.2
1338336	Soil	14	21	1.09	151	0.012	<1	1.57	0.003	0.06	<0.1	<0.01	5.5	<0.1	<0.05	5	<0.5	<0.2
1338332	Soil	13	21	1.16	238	0.028	<1	1.80	0.006	0.04	0.1	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
1338327	Soil	17	25	1.51	240	0.024	<1	2.23	0.004	0.05	<0.1	0.02	4.8	<0.1	<0.05	6	<0.5	<0.2
1392883	Soil	7	10	1.90	103	0.005	<1	2.64	0.002	0.04	<0.1	0.02	4.2	<0.1	<0.05	7	<0.5	<0.2
1338335	Soil	11	15	1.77	97	0.005	<1	2.11	0.002	0.04	<0.1	0.02	5.0	<0.1	<0.05	6	<0.5	<0.2
1338263	Soil	17	15	0.70	352	0.015	<1	1.24	0.005	0.04	0.1	0.04	4.4	<0.1	<0.05	4	0.5	<0.2
1338328	Soil	12	20	1.13	267	0.014	<1	1.75	0.003	0.03	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1392881	Soil	7	22	1.12	171	0.004	<1	1.79	0.002	0.03	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1338337	Soil	10	23	1.20	148	0.007	<1	1.42	0.003	0.05	<0.1	<0.01	6.7	<0.1	<0.05	6	<0.5	<0.2
1338334	Soil	11	14	0.91	109	0.008	<1	1.31	0.003	0.04	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1338329	Soil	10	18	1.37	221	0.015	<1	1.83	0.003	0.03	<0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
1392882	Soil	9	21	0.88	208	0.021	<1	2.01	0.004	0.04	0.1	0.04	3.4	<0.1	<0.05	5	<0.5	<0.2
1338338	Soil	9	12	0.94	224	0.012	<1	1.47	0.003	0.04	<0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1338331	Soil	12	18	1.54	192	0.012	<1	1.98	0.005	0.04	<0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1338330	Soil	12	20	1.14	209	0.021	<1	1.89	0.004	0.03	0.1	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
1338326	Soil	15	22	1.28	243	0.014	<1	2.06	0.005	0.04	0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1338317	Soil	14	18	1.15	314	0.009	<1	1.91	0.004	0.03	<0.1	0.08	6.0	<0.1	<0.05	6	1.0	<0.2
1338316	Soil	13	16	0.99	370	0.007	<1	1.69	0.003	0.03	<0.1	0.09	4.4	<0.1	<0.05	5	0.9	<0.2
1338312	Soil	14	41	1.45	203	0.008	<1	1.76	0.003	0.02	<0.1	0.06	5.2	<0.1	<0.05	5	1.0	<0.2
1338313	Soil	21	44	1.27	220	0.009	<1	1.75	0.003	0.02	<0.1	0.04	5.1	<0.1	<0.05	5	0.9	<0.2
1338320	Soil	14	25	1.04	230	0.015	<1	1.63	0.003	0.04	<0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
1338315	Soil	17	12	0.86	245	0.009	<1	1.50	0.004	0.02	<0.1	0.04	3.5	<0.1	0.07	4	0.9	<0.2
1338318	Soil	13	15	0.95	171	0.011	<1	1.53	0.004	0.03	<0.1	0.07	5.4	<0.1	<0.05	5	0.7	<0.2
1338314	Soil	20	55	1.31	206	0.010	<1	2.00	0.004	0.03	<0.1	0.04	5.1	<0.1	<0.05	6	0.9	<0.2
1338342	Soil	14	32	0.63	209	0.039	1	1.96	0.006	0.05	0.2	0.05	4.9	<0.1	<0.05	5	<0.5	<0.2
1338340	Soil	13	20	1.52	136	0.004	1	2.13	0.002	0.03	<0.1	0.02	6.1	<0.1	<0.05	6	<0.5	<0.2
1338322	Soil	13	24	0.94	214	0.015	<1	1.94	0.003	0.04	0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1338321	Soil	12	21	1.29	212	0.041	1	1.75	0.003	0.05	<0.1	0.01	4.4	<0.1	<0.05	5	<0.5	<0.2

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1338343	Soil	1.1	66.1	9.8	195	0.3	8.0	15.2	994	5.85	4.4	0.7	13.9	3.1	3	0.3	0.2	0.2	79	0.04	0.064
1338341	Soil	1.1	34.6	76.9	80	0.6	37.0	15.1	950	2.93	21.3	0.7	6.6	5.8	11	0.3	0.2	0.6	23	0.26	0.089
1338339	Soil	1.0	13.8	9.3	77	0.1	7.3	5.0	431	2.53	3.5	0.7	7.2	4.7	5	<0.1	0.2	0.2	16	0.12	0.046
1338323	Soil	1.2	23.6	11.1	73	0.2	21.6	9.8	328	2.99	76.1	0.6	7.1	3.6	8	0.1	0.4	0.1	47	0.13	0.047
1338333	Soil	0.8	19.1	8.5	60	0.1	14.8	11.1	508	3.29	13.7	0.6	4.7	2.7	9	<0.1	0.3	0.1	49	0.15	0.023
1392887	Soil	1.4	28.6	13.5	77	0.2	23.2	10.3	358	3.16	67.3	0.7	12.1	3.0	11	<0.1	0.3	0.1	44	0.15	0.058
1338319	Soil	1.1	84.5	12.8	217	0.1	9.6	25.1	662	5.65	13.3	0.7	25.1	2.3	6	0.2	0.5	0.3	82	0.13	0.079
1385234	Soil	0.3	72.6	5.6	66	0.4	18.4	19.3	815	4.45	4.9	0.3	3.8	1.4	12	<0.1	0.3	<0.1	73	0.39	0.068
1385226	Soil	0.8	38.2	9.0	82	0.6	28.7	12.0	645	3.76	103.7	1.3	4.4	6.3	16	0.2	0.5	0.2	32	0.53	0.141
1385230	Soil	0.7	39.3	9.3	58	0.4	21.5	16.6	978	3.66	12.3	0.7	2.3	2.6	19	0.1	0.5	0.1	62	0.53	0.041
1385231	Soil	0.2	28.6	2.7	52	0.5	9.9	18.3	675	3.62	4.4	0.1	4.7	1.3	15	<0.1	0.3	<0.1	58	0.95	0.078
1385236	Soil	0.3	62.4	7.9	71	0.2	23.6	19.7	945	4.73	2.9	0.5	5.3	2.3	12	0.1	0.2	<0.1	102	0.29	0.056
1385237	Soil	0.3	64.3	6.4	70	0.2	19.7	22.1	672	4.38	4.0	0.7	21.1	1.3	27	0.2	0.2	<0.1	91	0.63	0.062
1385229	Soil	0.7	26.1	12.1	64	0.2	22.1	10.6	556	2.97	23.4	0.9	3.6	4.8	17	<0.1	0.4	0.2	48	0.34	0.022
1385232	Soil	0.2	44.3	4.6	63	0.3	13.9	19.6	993	3.99	8.2	0.3	2.9	1.6	8	<0.1	0.5	<0.1	51	0.23	0.054
1385235	Soil	0.7	58.3	9.4	66	0.2	22.5	19.2	633	4.21	8.5	0.8	6.3	2.3	17	0.1	0.3	0.2	79	0.36	0.037
1385228	Soil	0.8	29.2	9.0	60	0.2	18.2	10.7	360	3.28	15.3	0.5	3.8	3.6	10	<0.1	0.5	0.2	48	0.20	0.026
1385227	Soil	0.6	37.5	10.5	81	0.5	18.5	15.9	930	4.29	16.0	0.8	10.0	3.5	14	0.3	0.4	0.1	63	0.37	0.077
1385233	Soil	0.3	57.6	6.4	69	0.3	15.2	18.3	753	4.11	8.7	0.3	17.1	1.1	12	<0.1	0.4	<0.1	55	0.27	0.041
1385206	Soil	0.3	63.2	9.2	68	<0.1	25.1	16.5	752	3.73	7.1	0.7	6.7	3.2	13	<0.1	0.3	<0.1	54	0.27	0.049
1385241	Soil	0.5	31.9	8.9	69	<0.1	18.6	10.5	404	3.24	7.1	0.8	4.6	4.4	10	<0.1	0.6	<0.1	54	0.18	0.041
1385238	Soil	0.5	32.9	9.0	58	0.1	18.4	15.5	938	3.28	4.9	0.9	6.6	1.7	38	0.2	0.3	0.1	61	0.72	0.078
1385203	Soil	0.5	42.0	11.2	67	0.2	23.2	15.3	592	3.61	8.3	0.7	4.1	3.5	13	<0.1	0.3	0.1	68	0.20	0.040
1385205	Soil	0.6	29.1	9.1	52	0.1	19.6	11.7	542	2.93	8.4	1.2	3.9	3.5	19	<0.1	0.4	0.1	51	0.29	0.049
1385245	Soil	0.2	34.8	8.8	66	<0.1	13.8	16.2	1111	3.83	3.9	1.0	5.2	3.6	10	<0.1	0.4	<0.1	58	0.20	0.032
1385239	Soil	0.2	46.1	4.5	55	0.1	15.9	14.1	590	3.02	4.4	0.5	8.1	1.7	18	<0.1	0.4	<0.1	43	0.34	0.055
1385201	Rock Pulp	1.2	516.1	22.8	57	0.2	245.1	93.8	860	16.31	3.6	1.4	40.3	8.0	15	0.1	0.3	0.2	215	0.40	0.038
1385202	Soil	0.8	29.4	9.7	64	0.1	17.8	14.1	564	3.41	6.8	0.7	6.9	3.1	12	<0.1	0.4	0.1	66	0.14	0.019
1385249	Soil	0.5	29.7	15.0	85	<0.1	15.7	17.1	737	3.85	23.1	0.5	4.9	3.6	8	0.1	0.3	<0.1	58	0.13	0.048
1385243	Soil	0.3	37.2	10.2	60	0.1	12.4	12.9	631	3.57	4.5	0.5	3.7	2.6	6	<0.1	0.2	<0.1	41	0.12	0.024

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1338343	Soil	11	5	0.79	89	0.002	<1	1.03	0.002	0.02	<0.1	0.05	9.7	<0.1	<0.05	3	0.9
1338341	Soil	12	16	1.26	127	0.005	<1	1.50	0.002	0.05	<0.1	0.01	3.1	<0.1	<0.05	6	<0.5
1338339	Soil	13	7	0.46	158	0.009	<1	0.76	0.003	0.06	<0.1	<0.01	2.9	<0.1	<0.05	3	<0.5
1338323	Soil	13	24	0.96	226	0.014	<1	1.82	0.003	0.04	0.1	0.02	3.8	<0.1	<0.05	6	<0.5
1338333	Soil	9	18	1.00	210	0.019	<1	1.84	0.004	0.03	0.1	0.02	4.5	<0.1	<0.05	6	<0.5
1392887	Soil	16	28	1.38	218	0.012	<1	2.07	0.003	0.05	<0.1	0.02	3.3	<0.1	<0.05	7	<0.5
1338319	Soil	5	11	2.50	79	0.005	<1	2.63	0.006	0.02	<0.1	0.03	9.4	<0.1	<0.05	7	0.9
1385234	Soil	6	13	1.74	147	0.013	<1	2.34	0.003	0.05	<0.1	0.02	7.0	<0.1	<0.05	7	<0.5
1385226	Soil	33	25	1.25	126	0.005	<1	1.92	0.003	0.02	<0.1	0.01	3.5	<0.1	<0.05	6	<0.5
1385230	Soil	15	25	1.17	205	0.015	<1	1.94	0.005	0.03	<0.1	0.04	6.0	<0.1	<0.05	6	<0.5
1385231	Soil	9	17	1.77	36	0.010	<1	2.14	0.001	0.01	<0.1	<0.01	6.7	<0.1	<0.05	6	<0.5
1385236	Soil	4	29	1.61	159	0.009	<1	2.11	0.004	0.02	<0.1	0.02	14.0	<0.1	<0.05	7	<0.5
1385237	Soil	6	17	1.80	241	0.013	1	2.44	0.004	0.04	<0.1	0.02	10.0	<0.1	<0.05	7	<0.5
1385229	Soil	17	26	0.76	294	0.017	2	1.92	0.006	0.03	0.1	0.01	4.1	<0.1	<0.05	5	<0.5
1385232	Soil	5	17	1.88	173	0.013	<1	2.25	0.002	0.02	<0.1	0.02	5.1	<0.1	<0.05	6	<0.5
1385235	Soil	7	19	1.38	237	0.017	<1	2.09	0.004	0.03	<0.1	0.03	8.8	<0.1	<0.05	6	<0.5
1385228	Soil	18	23	1.04	183	0.020	1	2.05	0.004	0.02	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
1385227	Soil	18	23	1.57	105	0.017	<1	2.25	0.004	0.02	<0.1	0.02	6.2	<0.1	<0.05	7	<0.5
1385233	Soil	3	11	1.60	155	0.021	2	2.14	0.003	0.04	<0.1	0.01	4.3	<0.1	<0.05	6	<0.5
1385206	Soil	13	21	1.41	195	0.015	2	2.02	0.003	0.03	<0.1	0.03	4.6	<0.1	<0.05	5	<0.5
1385241	Soil	9	21	0.75	192	0.008	1	1.61	0.003	0.03	<0.1	0.01	5.0	<0.1	<0.05	5	<0.5
1385238	Soil	9	25	1.36	280	0.014	2	2.25	0.006	0.03	0.1	0.03	5.7	<0.1	0.06	6	<0.5
1385203	Soil	16	33	1.50	194	0.025	2	2.46	0.004	0.04	<0.1	0.03	6.8	<0.1	<0.05	7	<0.5
1385205	Soil	14	24	0.91	303	0.029	<1	1.75	0.008	0.04	0.1	0.03	5.1	<0.1	<0.05	5	<0.5
1385245	Soil	14	15	1.58	221	0.015	1	2.34	0.004	0.04	<0.1	0.03	8.3	<0.1	<0.05	6	0.6
1385239	Soil	6	14	1.29	143	0.014	1	1.75	0.003	0.03	<0.1	0.03	3.7	<0.1	<0.05	4	<0.5
1385201	Rock Pulp	18	707	0.15	158	0.147	5	3.64	0.013	0.07	<0.1	0.04	43.4	<0.1	<0.05	18	<0.5
1385202	Soil	12	25	1.17	213	0.032	1	2.29	0.005	0.03	0.1	0.03	6.2	<0.1	<0.05	6	<0.5
1385249	Soil	11	21	1.70	151	0.014	1	2.19	0.004	0.04	<0.1	0.01	5.0	<0.1	<0.05	7	<0.5
1385243	Soil	8	18	1.33	138	0.010	1	2.07	0.003	0.03	<0.1	<0.01	4.7	<0.1	<0.05	6	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1385242	Soil	0.3	37.1	5.7	56	0.1	14.8	15.0	583	3.71	8.1	0.6	7.0	2.3	7	<0.1	0.6	0.1	59	0.13	0.028
1385250	Soil	0.4	33.4	12.0	74	<0.1	14.5	16.4	820	4.22	5.6	0.5	14.0	2.8	13	<0.1	0.3	0.1	78	0.25	0.045
1385248	Soil	0.6	29.8	18.5	84	<0.1	20.3	12.4	477	3.47	36.6	0.6	11.9	4.3	14	<0.1	0.4	0.1	53	0.19	0.053
1385244	Soil	0.3	43.5	9.0	71	0.1	20.7	15.0	734	3.70	5.8	0.9	7.3	3.8	19	0.1	0.4	0.1	57	0.37	0.069
1385240	Soil	0.3	32.1	5.9	61	<0.1	16.6	13.2	585	2.96	4.9	0.5	6.1	2.4	16	<0.1	0.3	<0.1	47	0.27	0.052
1385204	Soil	0.7	34.6	10.9	63	0.1	21.4	11.5	506	3.02	8.9	0.6	3.0	4.0	15	<0.1	0.6	0.2	55	0.17	0.029
1354795	Soil	0.4	31.7	3.3	77	0.1	12.5	17.2	832	4.21	5.1	0.4	12.3	1.2	20	<0.1	0.4	<0.1	67	0.48	0.067
1354789	Soil	0.4	22.4	9.9	67	0.3	11.0	9.7	542	3.26	7.6	0.6	10.4	3.6	12	<0.1	0.4	<0.1	42	0.29	0.051
1374048	Soil	0.7	34.4	9.6	76	0.2	24.7	15.4	567	3.54	10.2	0.9	3.8	3.3	32	0.2	0.2	0.1	64	0.57	0.073
1385247	Soil	1.5	54.8	19.2	102	0.7	42.0	15.1	674	3.88	69.1	1.6	14.0	4.8	23	0.3	0.3	0.1	58	0.28	0.074
1354794	Soil	0.6	45.1	6.2	78	0.2	22.8	15.3	664	4.00	8.1	0.7	5.4	3.2	19	0.1	0.5	0.1	60	0.62	0.077
1354791	Soil	0.7	37.8	9.0	62	0.1	19.8	14.0	571	3.38	7.7	0.6	3.9	3.0	20	0.1	0.7	0.1	55	0.34	0.050
1374049	Soil	0.4	40.9	11.4	62	0.3	16.7	15.2	650	3.36	6.9	1.1	9.5	3.7	18	0.2	0.4	0.1	51	0.47	0.047
1385246	Soil	2.2	48.3	17.2	113	0.5	40.8	17.0	651	3.99	58.6	1.4	7.5	5.4	33	0.3	0.2	0.1	53	0.44	0.100
1354796	Soil	0.4	27.7	5.3	76	0.1	9.1	17.5	1087	4.10	7.0	0.6	10.6	1.8	17	<0.1	0.8	<0.1	67	0.48	0.077
1354792	Soil	0.6	31.2	9.0	61	0.1	20.5	13.6	676	3.41	7.5	1.2	3.3	3.1	21	<0.1	0.5	0.1	57	0.52	0.051
1374045	Soil	0.5	39.7	20.8	86	0.3	17.6	15.8	446	3.24	7.7	0.8	23.3	3.2	23	0.4	0.5	0.1	51	0.48	0.048
1374047	Soil	0.4	31.3	8.6	68	<0.1	20.1	17.5	694	3.59	7.9	0.7	8.5	2.3	37	0.1	0.4	<0.1	62	0.68	0.058
1354797	Soil	0.6	24.0	6.2	67	0.1	14.6	12.5	604	3.11	9.4	0.7	3.2	2.3	19	<0.1	0.5	0.1	42	0.35	0.041
1354793	Soil	0.4	19.1	2.3	67	<0.1	10.7	20.7	1298	3.59	2.3	0.4	2.0	0.6	18	0.1	0.3	<0.1	71	0.54	0.069
1354790	Soil	0.3	70.8	2.9	84	<0.1	12.4	22.0	904	4.64	4.2	0.3	5.5	1.2	14	<0.1	0.6	<0.1	85	0.39	0.087
1374046	Soil	0.3	61.2	7.7	74	0.2	14.0	17.2	754	3.84	5.9	0.5	6.1	1.7	29	0.2	0.5	<0.1	77	0.59	0.075
1370402	Soil	0.9	62.2	75.4	152	0.4	11.8	13.2	325	3.10	11.1	1.1	8.9	3.4	13	0.4	0.4	0.2	51	0.18	0.065
1354786	Soil	0.7	27.9	11.2	86	0.3	4.7	23.1	923	5.07	12.0	0.6	9.4	2.4	11	0.2	0.6	0.1	55	0.26	0.060
1393098	Soil	0.3	27.0	3.6	80	0.2	7.1	15.7	831	3.67	9.5	0.3	6.5	1.6	15	<0.1	0.6	<0.1	43	0.63	0.083
1354798	Soil	0.3	24.1	4.4	81	<0.1	8.4	11.9	674	3.39	13.9	0.3	0.9	1.1	15	<0.1	0.3	<0.1	37	0.35	0.082
1370403	Soil	1.6	150.7	132.9	401	0.8	10.9	15.8	662	4.69	13.9	1.7	16.8	5.7	9	2.4	0.6	0.3	45	0.18	0.103
1354788	Soil	0.3	21.8	4.9	67	0.2	11.9	15.0	612	3.03	4.2	0.9	6.5	2.4	15	<0.1	0.6	<0.1	51	0.30	0.059
1393100	Soil	1.1	37.2	12.5	70	0.4	17.6	16.7	540	4.31	115.6	0.8	5.7	5.6	4	0.1	0.6	0.2	51	0.07	0.024
1354799	Soil	0.8	23.4	10.3	54	<0.1	16.2	9.8	350	2.79	8.8	0.6	7.4	3.2	19	<0.1	0.6	0.1	50	0.32	0.016

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1385242	Soil	6	16	1.58	125	0.011	2	2.29	0.003	0.04	<0.1	0.02	5.0	<0.1	<0.05	6	<0.5
1385250	Soil	11	25	1.71	187	0.014	<1	2.58	0.004	0.03	<0.1	0.02	8.7	<0.1	<0.05	7	<0.5
1385248	Soil	14	25	1.03	263	0.015	<1	1.88	0.005	0.04	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5
1385244	Soil	16	21	1.46	245	0.012	1	2.29	0.005	0.04	<0.1	0.04	6.9	<0.1	<0.05	7	<0.5
1385240	Soil	8	18	1.18	162	0.013	<1	1.74	0.004	0.03	<0.1	0.02	3.9	<0.1	<0.05	6	<0.5
1385204	Soil	15	29	0.85	282	0.034	2	1.87	0.006	0.04	0.1	0.04	5.7	<0.1	<0.05	5	<0.5
1354795	Soil	6	18	1.60	129	0.010	1	2.15	0.005	0.03	<0.1	<0.01	6.2	<0.1	<0.05	6	<0.5
1354789	Soil	14	15	1.70	444	0.014	1	2.37	0.005	0.03	<0.1	0.03	4.3	<0.1	<0.05	6	<0.5
1374048	Soil	15	30	1.47	257	0.028	1	2.09	0.006	0.04	0.2	0.02	6.7	<0.1	<0.05	6	1.1
1385247	Soil	17	34	1.73	189	0.011	<1	2.30	0.004	0.05	<0.1	0.03	4.4	<0.1	<0.05	7	0.7
1354794	Soil	16	30	1.63	176	0.018	<1	2.29	0.006	0.04	<0.1	0.04	7.3	<0.1	<0.05	6	<0.5
1354791	Soil	11	24	0.95	288	0.041	1	1.74	0.010	0.04	0.1	0.03	4.5	<0.1	<0.05	5	<0.5
1374049	Soil	16	20	1.62	392	0.018	1	2.57	0.005	0.03	<0.1	0.04	5.9	<0.1	<0.05	7	0.5
1385246	Soil	21	33	2.13	214	0.008	2	2.62	0.004	0.07	<0.1	0.02	3.4	<0.1	<0.05	7	1.1
1354796	Soil	8	10	1.62	151	0.011	2	2.11	0.004	0.05	<0.1	0.01	6.9	<0.1	<0.05	6	<0.5
1354792	Soil	13	28	1.06	271	0.030	2	1.93	0.008	0.04	<0.1	0.02	6.1	<0.1	0.05	5	1.2
1374045	Soil	11	20	1.18	296	0.026	<1	2.05	0.007	0.04	0.2	0.04	5.6	<0.1	<0.05	5	<0.5
1374047	Soil	9	25	1.46	210	0.021	2	2.09	0.007	0.04	0.2	0.03	5.4	<0.1	<0.05	6	<0.5
1354797	Soil	8	16	1.03	275	0.035	<1	1.72	0.006	0.04	0.1	0.02	4.1	<0.1	<0.05	6	<0.5
1354793	Soil	4	21	1.47	82	0.010	<1	1.76	0.005	0.02	<0.1	<0.01	7.2	<0.1	<0.05	5	<0.5
1354790	Soil	4	13	1.59	170	0.043	<1	2.28	0.005	0.07	<0.1	0.02	5.0	<0.1	<0.05	7	<0.5
1374046	Soil	10	17	1.55	151	0.017	<1	2.11	0.005	0.05	<0.1	0.03	7.7	<0.1	<0.05	7	<0.5
1370402	Soil	12	16	1.12	274	0.014	<1	1.67	0.004	0.03	<0.1	0.14	5.5	<0.1	<0.05	5	0.9
1354786	Soil	11	9	1.64	120	0.003	<1	2.41	0.002	0.02	<0.1	0.03	8.6	<0.1	<0.05	6	0.9
1393098	Soil	7	8	1.87	110	0.010	<1	2.21	0.003	0.03	<0.1	0.01	4.0	<0.1	<0.05	7	<0.5
1354798	Soil	3	12	1.30	172	0.029	<1	1.71	0.003	0.04	<0.1	0.01	3.9	<0.1	<0.05	6	<0.5
1370403	Soil	20	10	1.10	141	0.008	<1	1.35	0.003	0.02	<0.1	0.31	9.0	<0.1	<0.05	4	1.5
1354788	Soil	8	13	1.50	197	0.015	<1	1.88	0.004	0.03	<0.1	0.02	4.5	<0.1	<0.05	5	<0.5
1393100	Soil	34	17	1.31	138	0.011	<1	2.44	0.003	0.02	<0.1	0.04	5.9	<0.1	<0.05	6	0.6
1354799	Soil	12	22	0.88	352	0.042	<1	1.66	0.008	0.04	0.1	0.03	4.6	<0.1	<0.05	5	<0.5

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1370404	Soil	1.2	38.5	12.8	87	0.3	21.1	14.3	443	3.13	50.9	1.3	9.4	4.2	25	0.5	0.6	0.2	49	0.36	0.083
1354392	Soil	0.3	41.7	15.9	83	0.5	13.6	13.9	580	3.27	6.6	0.5	14.3	2.7	19	0.3	0.4	<0.1	58	0.46	0.058
1393099	Soil	0.9	24.0	6.4	58	0.2	9.1	14.4	431	3.40	10.8	0.3	3.3	1.7	4	<0.1	0.3	<0.1	44	0.07	0.017
1354800	Soil	0.5	29.2	6.7	64	<0.1	15.2	14.6	692	3.46	8.1	0.4	1.8	2.5	14	<0.1	0.6	<0.1	53	0.24	0.042
1370405	Soil	1.4	81.8	23.9	177	1.0	10.0	21.5	762	5.87	20.0	1.9	114.5	3.7	9	0.5	0.4	0.3	58	0.12	0.104
1354391	Soil	0.4	19.4	6.6	67	0.5	9.9	13.9	527	3.48	5.2	0.6	18.3	2.3	16	0.1	0.5	<0.1	62	0.34	0.049
1354787	Soil	1.2	40.7	38.9	81	1.5	25.7	10.7	399	2.87	222.4	1.8	59.7	8.1	15	0.2	1.3	0.3	29	0.25	0.084
1354781	Soil	0.5	40.6	4.5	68	<0.1	12.4	18.1	829	3.92	13.4	0.3	6.1	2.0	7	0.1	0.4	<0.1	43	0.26	0.077
1370409	Soil	1.1	47.5	12.4	115	0.2	30.6	10.3	548	3.43	37.9	1.9	53.6	5.1	17	0.4	0.4	0.2	30	0.25	0.111
1370408	Soil	0.8	25.2	13.6	84	0.2	19.0	9.0	289	2.57	16.1	0.9	10.4	5.7	17	0.2	0.2	0.1	39	0.27	0.081
1370407	Soil	0.8	30.0	11.1	87	0.3	21.3	10.8	312	3.07	47.2	1.3	11.3	3.4	25	0.3	0.3	0.1	44	0.38	0.085
1370406	Soil	0.9	28.9	25.2	80	0.3	19.3	8.4	260	1.53	36.3	1.4	6.3	13.3	25	0.4	0.2	0.2	16	0.38	0.161
1370415	Soil	0.4	36.5	6.7	60	0.1	12.7	15.6	867	3.61	8.0	0.4	2.1	2.3	6	<0.1	0.2	<0.1	53	0.17	0.066
1370416	Soil	0.5	21.7	13.1	58	0.1	17.6	10.5	395	2.76	12.2	0.6	6.8	3.1	11	<0.1	0.3	0.2	38	0.18	0.058
1370410	Soil	0.5	32.6	10.5	96	<0.1	21.5	12.3	575	3.50	19.1	1.1	23.2	4.7	20	0.3	0.2	<0.1	44	0.33	0.101
1370413	Soil	0.6	30.8	9.4	84	<0.1	18.0	11.4	522	3.03	14.6	0.7	5.0	4.2	21	0.2	0.3	0.1	42	0.29	0.068
1370420	Soil	1.1	25.5	10.4	96	0.2	16.2	11.3	536	3.46	7.9	1.0	10.0	4.1	23	0.3	0.2	0.2	30	0.35	0.101
1370417	Soil	0.4	35.8	12.2	79	0.1	17.4	12.6	549	3.30	36.5	0.6	7.7	3.0	14	0.1	0.2	0.2	44	0.26	0.085
1370414	Soil	0.5	22.7	11.0	58	0.1	17.6	10.2	422	2.94	13.9	1.0	4.8	4.0	15	<0.1	0.4	0.2	41	0.26	0.051
1370411	Soil	0.6	26.4	8.8	70	<0.1	17.2	11.0	360	3.12	11.0	0.8	5.4	3.7	14	<0.1	0.4	<0.1	47	0.18	0.038
1370421	Soil	1.0	25.2	9.1	70	0.1	18.5	11.5	395	2.89	5.2	0.9	2.1	3.3	22	0.1	0.2	0.1	52	0.41	0.058
1370419	Soil	0.7	23.0	5.6	74	0.2	6.9	8.6	428	3.36	4.6	0.8	4.5	2.8	13	0.1	0.2	0.1	48	0.26	0.069
1370418	Soil	0.7	36.0	8.6	93	0.1	23.7	14.7	682	3.49	17.0	0.9	4.5	4.2	18	0.3	0.2	0.2	56	0.35	0.118
1370412	Soil	0.9	32.1	9.9	94	0.1	21.4	13.1	600	3.37	23.1	0.7	11.6	5.4	24	0.2	0.2	0.2	32	0.38	0.132
1370424	Soil	0.9	34.0	12.3	81	0.3	29.0	10.7	450	3.12	46.6	1.7	10.3	3.8	20	0.1	0.6	0.2	51	0.26	0.035
1370422	Soil	0.8	31.8	10.7	71	0.2	12.8	15.5	841	3.97	17.0	0.6	5.3	3.3	7	<0.1	0.4	0.1	50	0.10	0.029
1345822	Soil	1.0	32.4	15.0	74	0.4	12.1	12.3	523	3.87	19.8	1.2	11.1	2.3	15	0.6	0.4	0.3	39	0.29	0.074
1345820	Soil	1.5	27.5	6.6	39	0.5	5.4	10.3	512	3.53	25.3	1.3	10.1	6.5	13	0.1	0.5	0.7	17	0.35	0.116
1370423	Soil	0.4	21.7	9.9	68	<0.1	6.8	14.5	810	3.83	11.4	0.4	4.5	2.5	7	<0.1	0.2	<0.1	47	0.17	0.024
1370425	Soil	1.6	36.0	15.0	79	0.1	27.7	11.8	520	3.35	57.2	1.2	12.2	4.2	15	0.1	0.6	0.3	49	0.19	0.047

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1370404	Soil	14	24	1.02	328	0.029	<1	1.77	0.007	0.04	0.1	0.03	5.3	<0.1	<0.05	5	0.8
1354392	Soil	12	16	1.51	248	0.017	<1	2.33	0.004	0.03	<0.1	0.04	6.9	<0.1	<0.05	7	<0.5
1393099	Soil	3	11	1.56	170	0.010	<1	2.13	0.002	0.03	<0.1	0.01	4.3	<0.1	<0.05	6	<0.5
1354800	Soil	9	18	1.45	233	0.030	<1	1.96	0.005	0.03	<0.1	0.02	5.5	<0.1	<0.05	6	<0.5
1370405	Soil	8	10	2.10	216	0.002	<1	2.49	0.003	0.04	<0.1	0.06	7.9	<0.1	<0.05	6	1.6
1354391	Soil	10	14	1.57	248	0.015	<1	2.38	0.004	0.03	<0.1	0.03	5.8	<0.1	<0.05	7	<0.5
1354787	Soil	33	15	0.69	236	0.019	<1	1.52	0.002	0.03	<0.1	0.03	3.9	<0.1	<0.05	4	0.5
1354781	Soil	11	12	2.05	104	0.029	<1	2.15	0.002	0.02	<0.1	0.02	5.7	<0.1	<0.05	6	<0.5
1370409	Soil	16	17	0.55	276	0.003	<1	1.25	0.004	0.07	<0.1	0.02	5.4	<0.1	<0.05	4	<0.5
1370408	Soil	20	21	0.96	401	0.021	<1	1.52	0.005	0.09	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5
1370407	Soil	17	22	1.20	246	0.017	<1	1.85	0.005	0.06	0.1	0.02	4.5	<0.1	<0.05	6	0.5
1370406	Soil	28	11	0.78	178	0.007	<1	0.93	0.002	0.07	<0.1	0.01	2.2	<0.1	<0.05	3	<0.5
1370415	Soil	7	15	1.37	148	0.013	<1	2.09	0.003	0.03	<0.1	0.01	6.6	<0.1	<0.05	6	<0.5
1370416	Soil	10	17	0.95	177	0.017	<1	1.53	0.003	0.04	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5
1370410	Soil	13	19	1.55	179	0.008	<1	1.92	0.003	0.04	<0.1	0.01	4.8	<0.1	<0.05	7	<0.5
1370413	Soil	17	17	1.16	216	0.018	<1	1.81	0.004	0.05	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5
1370420	Soil	15	12	0.67	227	0.009	<1	1.04	0.003	0.06	<0.1	<0.01	4.3	<0.1	<0.05	4	<0.5
1370417	Soil	12	16	1.37	151	0.012	<1	1.89	0.003	0.04	<0.1	0.02	4.7	<0.1	<0.05	6	<0.5
1370414	Soil	12	17	0.85	254	0.021	<1	1.54	0.004	0.04	<0.1	0.03	5.0	<0.1	<0.05	5	<0.5
1370411	Soil	13	20	1.24	265	0.023	<1	1.89	0.004	0.03	<0.1	0.02	4.6	<0.1	<0.05	6	<0.5
1370421	Soil	14	18	1.00	335	0.043	<1	1.59	0.004	0.06	<0.1	0.02	5.1	<0.1	<0.05	6	0.5
1370419	Soil	11	9	0.96	276	0.018	<1	1.61	0.004	0.05	<0.1	0.02	5.9	<0.1	<0.05	6	<0.5
1370418	Soil	11	25	1.34	145	0.015	<1	1.52	0.003	0.05	<0.1	<0.01	5.8	<0.1	<0.05	6	<0.5
1370412	Soil	14	15	1.45	135	0.010	<1	1.76	0.003	0.04	<0.1	0.01	3.7	<0.1	<0.05	6	<0.5
1370424	Soil	21	30	0.79	555	0.033	<1	1.80	0.007	0.06	0.1	0.04	6.3	<0.1	<0.05	5	0.8
1370422	Soil	13	17	1.59	180	0.010	<1	2.29	0.003	0.03	<0.1	0.03	6.7	<0.1	<0.05	7	<0.5
1345822	Soil	17	14	0.82	347	0.010	<1	1.53	0.006	0.03	<0.1	0.06	4.7	<0.1	<0.05	4	<0.5
1345820	Soil	18	6	0.70	75	0.005	2	1.00	0.003	0.03	<0.1	0.03	3.0	<0.1	<0.05	4	1.2
1370423	Soil	9	7	1.45	150	0.005	<1	2.20	0.003	0.02	<0.1	0.03	6.2	<0.1	<0.05	6	<0.5
1370425	Soil	21	29	0.72	497	0.020	1	1.59	0.005	0.06	0.1	0.04	7.1	<0.1	<0.05	5	0.8

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1345824	Soil	0.8	41.2	12.9	70	0.3	12.0	13.3	471	3.21	11.9	0.9	15.5	3.3	12	0.3	0.3	0.3	44	0.24	0.052
1345821	Soil	0.9	33.8	6.2	48	0.4	10.7	15.8	553	3.45	13.6	1.5	13.4	3.9	18	0.2	0.3	0.7	32	0.39	0.092
1392951	Rock Pulp	2.6	23.0	2.5	45	0.3	23.0	9.4	398	2.26	4.8	0.2	4.1	0.8	41	0.2	0.3	<0.1	58	0.75	0.058
1370401	Rock Pulp	1.5	494.6	22.3	57	0.2	248.5	81.2	920	15.97	4.1	1.3	44.4	7.2	16	0.1	0.4	0.2	211	0.38	0.036
1345825	Soil	0.8	44.8	14.5	75	0.3	13.4	18.7	689	3.28	11.2	0.9	16.6	3.2	14	0.3	0.3	0.3	45	0.31	0.055
1345818	Soil	1.0	49.5	8.9	52	0.7	19.3	13.4	527	2.82	132.2	1.4	372.7	3.7	19	0.1	0.3	0.5	34	0.45	0.060
1392966	Soil	0.7	10.8	8.3	64	0.2	12.1	4.1	197	2.05	24.1	0.6	6.7	1.2	22	0.2	0.1	0.1	29	0.35	0.069
1392952	Soil	0.2	114.7	6.5	54	0.3	23.6	33.5	1578	4.68	4.5	0.2	3.0	1.4	9	0.1	0.2	<0.1	94	0.21	0.043
1345823	Soil	1.4	24.4	6.2	47	0.3	7.8	12.0	529	3.34	16.0	1.2	11.3	7.8	11	0.2	0.4	0.4	20	0.32	0.108
1345819	Soil	1.2	45.3	8.8	44	0.8	14.5	11.5	525	2.93	33.4	1.8	26.2	4.0	22	0.2	0.4	0.6	32	0.60	0.057
1354999	Soil	0.3	38.6	7.1	64	<0.1	12.0	16.8	902	3.99	44.2	0.6	7.3	2.2	10	<0.1	0.5	0.1	72	0.11	0.022
1354994	Soil	1.4	34.8	16.9	84	0.4	17.6	12.3	668	3.99	10.8	0.9	4.8	5.2	7	0.1	0.6	0.2	43	0.08	0.032
1392965	Soil	2.0	30.0	22.8	98	0.4	23.7	11.7	321	3.34	66.1	1.1	5.3	3.8	22	0.3	0.3	0.2	47	0.33	0.074
1392963	Soil	1.1	43.0	27.8	98	0.5	25.6	18.2	1138	3.39	50.0	0.8	15.3	4.3	26	0.6	0.5	0.2	47	0.50	0.078
1392954	Soil	0.4	60.3	12.4	78	0.2	29.5	16.9	929	3.72	10.0	0.5	13.1	5.9	11	0.3	0.4	0.3	40	0.28	0.092
1354998	Soil	0.8	30.4	14.8	82	<0.1	18.9	14.6	820	4.29	33.8	0.8	4.7	3.4	17	0.1	0.4	0.2	85	0.24	0.043
1354997	Soil	0.2	21.6	6.0	79	<0.1	6.2	19.9	1083	4.97	18.1	0.6	4.9	2.3	16	<0.1	0.4	<0.1	83	0.28	0.063
1392964	Soil	1.0	31.7	35.8	101	0.3	19.3	16.9	953	3.46	64.7	0.9	21.7	3.6	26	0.4	0.5	0.2	49	0.54	0.066
1392953	Soil	0.4	81.2	8.3	58	<0.1	18.8	26.9	937	4.49	7.8	0.3	2.8	2.3	9	<0.1	0.4	0.2	87	0.27	0.056
1354996	Soil	0.7	15.4	8.1	58	<0.1	8.5	10.2	606	3.19	7.1	0.5	11.1	2.8	8	<0.1	0.4	0.1	48	0.11	0.039
1354995	Soil	0.5	42.6	9.9	67	0.2	13.9	16.3	765	3.84	10.9	0.6	5.6	3.1	10	0.2	0.5	<0.1	57	0.18	0.040
1392961	Soil	0.8	38.6	40.4	188	0.4	14.7	19.0	786	3.98	50.4	0.5	7.1	5.1	12	1.5	0.4	<0.1	38	0.28	0.082
1392957	Soil	0.4	43.1	13.6	68	<0.1	14.3	16.5	932	4.04	6.3	0.8	2.8	3.3	9	<0.1	0.2	<0.1	54	0.13	0.023
1355000	Soil	0.1	35.4	3.9	56	<0.1	11.9	19.3	980	3.77	1.7	0.3	6.8	0.9	13	<0.1	0.3	<0.1	71	0.27	0.063
1354993	Soil	1.1	31.8	9.3	79	0.5	18.6	15.2	2914	3.67	14.8	1.2	4.7	3.0	20	0.5	0.5	0.2	58	0.46	0.066
1392960	Soil	0.5	25.5	13.1	66	<0.1	9.5	21.1	856	4.40	11.2	1.0	7.6	3.0	8	<0.1	0.4	0.1	70	0.15	0.038
1354892	Soil	0.5	14.9	6.1	44	<0.1	13.8	9.2	366	2.55	7.8	0.7	3.7	3.8	9	<0.1	0.4	0.2	46	0.10	0.021
1354886	Soil	0.9	16.6	6.7	44	0.1	11.1	9.6	383	3.12	8.8	0.5	12.8	3.5	8	<0.1	0.4	0.2	53	0.10	0.027
1392962	Soil	2.2	48.9	25.7	98	0.5	23.1	18.0	953	4.18	27.2	0.7	14.5	4.2	18	0.4	0.3	0.2	45	0.39	0.088
1392955	Soil	0.4	102.7	7.2	66	0.2	22.6	22.5	986	4.88	18.9	0.7	16.1	3.4	9	<0.1	0.5	0.2	86	0.21	0.039

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1345824	Soil	13	14	0.97	277	0.012	1	1.62	0.004	0.02	<0.1	0.04	5.8	<0.1	<0.05	5	<0.5
1345821	Soil	22	11	1.15	212	0.011	<1	1.67	0.005	0.02	<0.1	0.03	3.9	<0.1	<0.05	4	1.5
1392951	Rock Pulp	4	27	0.76	95	0.098	2	1.53	0.068	0.13	14.7	0.02	4.7	<0.1	<0.05	5	0.6
1370401	Rock Pulp	18	677	0.15	165	0.145	6	3.80	0.012	0.08	<0.1	0.05	43.4	<0.1	<0.05	18	0.8
1345825	Soil	13	14	0.96	286	0.013	<1	1.57	0.004	0.02	0.1	0.05	7.0	<0.1	<0.05	5	0.8
1345818	Soil	15	30	0.91	256	0.013	<1	1.47	0.005	0.04	<0.1	0.06	4.3	<0.1	<0.05	4	<0.5
1392966	Soil	8	21	1.14	201	0.009	<1	1.38	0.003	0.04	<0.1	0.05	2.4	<0.1	0.08	5	1.0
1392952	Soil	4	17	2.63	202	0.013	1	2.64	0.003	0.04	<0.1	0.03	17.7	<0.1	<0.05	8	<0.5
1345823	Soil	30	6	0.73	181	0.011	<1	1.18	0.003	0.03	<0.1	0.04	3.6	<0.1	<0.05	4	1.1
1345819	Soil	19	20	0.67	298	0.011	<1	1.46	0.006	0.03	0.1	0.07	4.2	<0.1	<0.05	4	1.0
1354999	Soil	10	16	1.55	166	0.044	<1	2.37	0.003	0.03	<0.1	0.05	6.8	<0.1	<0.05	7	0.7
1354994	Soil	29	17	1.20	129	0.019	<1	1.91	0.003	0.03	<0.1	0.03	5.4	<0.1	<0.05	5	0.6
1392965	Soil	15	26	1.95	319	0.006	<1	2.37	0.003	0.06	<0.1	0.04	3.5	<0.1	<0.05	7	1.0
1392963	Soil	15	21	1.42	351	0.011	<1	2.14	0.005	0.05	<0.1	0.06	4.9	<0.1	<0.05	6	0.8
1392954	Soil	19	19	1.23	161	0.011	<1	1.89	0.003	0.04	<0.1	0.03	4.2	<0.1	<0.05	5	0.5
1354998	Soil	11	20	1.56	281	0.025	<1	2.37	0.005	0.04	<0.1	0.03	9.0	<0.1	<0.05	8	<0.5
1354997	Soil	7	7	2.35	186	0.011	<1	2.84	0.004	0.06	<0.1	0.02	9.8	<0.1	<0.05	8	<0.5
1392964	Soil	13	19	1.18	301	0.011	<1	2.12	0.005	0.04	0.1	0.04	4.8	<0.1	<0.05	6	0.7
1392953	Soil	4	18	2.45	133	0.046	<1	2.74	0.002	0.04	<0.1	0.02	10.3	<0.1	<0.05	8	<0.5
1354996	Soil	10	12	1.06	199	0.023	<1	1.85	0.004	0.05	<0.1	0.01	3.7	<0.1	<0.05	6	<0.5
1354995	Soil	12	14	1.31	231	0.015	<1	1.93	0.003	0.03	<0.1	0.04	7.5	<0.1	<0.05	6	0.7
1392961	Soil	12	13	1.64	102	0.005	<1	2.21	0.002	0.04	<0.1	0.02	5.0	<0.1	<0.05	6	0.6
1392957	Soil	14	22	1.93	160	0.012	<1	2.54	0.003	0.03	<0.1	0.04	7.0	<0.1	<0.05	7	<0.5
1355000	Soil	6	25	2.40	115	0.038	<1	2.37	0.002	0.02	<0.1	0.02	5.9	<0.1	<0.05	7	<0.5
1354993	Soil	17	20	1.32	488	0.016	<1	2.43	0.007	0.04	<0.1	0.04	7.9	<0.1	<0.05	7	0.5
1392960	Soil	16	11	1.62	159	0.013	<1	2.52	0.003	0.03	<0.1	0.04	10.2	<0.1	<0.05	7	0.5
1354892	Soil	13	23	0.94	138	0.045	<1	1.74	0.004	0.02	0.1	0.02	4.0	<0.1	<0.05	4	0.6
1354886	Soil	12	17	0.80	151	0.031	<1	1.83	0.004	0.03	0.1	0.02	4.7	<0.1	<0.05	6	<0.5
1392962	Soil	16	15	1.81	203	0.004	<1	2.50	0.003	0.06	<0.1	0.04	5.2	<0.1	<0.05	7	<0.5
1392955	Soil	14	23	1.84	148	0.014	<1	2.64	0.003	0.03	<0.1	0.04	11.6	<0.1	<0.05	7	0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1354893	Soil	0.3	9.3	4.0	31	<0.1	8.9	6.3	387	2.07	5.8	0.7	19.2	7.6	8	<0.1	0.2	0.2	19	0.20	0.064
1354888	Soil	0.7	15.8	6.8	46	<0.1	14.7	9.0	422	2.73	9.2	0.8	33.3	4.3	9	<0.1	0.4	0.1	49	0.12	0.050
1354885	Soil	0.8	19.3	6.5	48	<0.1	13.2	8.8	352	2.83	7.4	0.6	7.4	3.3	8	<0.1	0.4	0.1	49	0.10	0.027
1392956	Soil	0.3	42.5	11.5	65	<0.1	12.2	13.7	711	3.58	4.7	0.4	1.1	3.0	4	0.1	0.2	0.1	39	0.09	0.037
1354884	Soil	0.9	35.9	8.0	62	<0.1	16.6	10.5	589	2.95	8.8	0.9	8.4	5.0	14	<0.1	0.5	0.2	49	0.18	0.039
1354890	Soil	0.6	11.2	5.6	40	<0.1	14.4	11.6	398	2.87	11.9	0.7	10.7	5.0	7	<0.1	0.3	0.2	39	0.12	0.058
1354887	Soil	0.3	32.2	4.3	44	<0.1	7.3	11.5	634	3.77	5.9	1.0	39.0	4.3	5	<0.1	0.3	0.2	47	0.10	0.043
1392958	Soil	0.7	50.3	10.9	64	0.1	23.1	16.8	749	3.76	8.8	0.8	<0.5	3.4	13	<0.1	0.6	0.1	65	0.16	0.024
1354894	Soil	0.6	26.6	6.6	58	<0.1	19.3	16.5	497	2.75	9.3	0.5	0.9	2.6	15	<0.1	0.5	<0.1	49	0.22	0.026
1354891	Soil	0.5	10.7	5.8	41	0.1	13.2	9.0	415	2.34	7.7	0.6	22.4	4.0	11	0.1	0.3	0.2	39	0.18	0.059
1354889	Soil	0.8	10.7	7.3	46	0.1	13.5	10.0	461	2.65	8.5	0.6	18.8	3.7	9	<0.1	0.4	0.2	46	0.15	0.067
1392959	Soil	<0.1	44.5	8.6	60	0.2	11.2	18.6	1305	4.23	3.0	0.2	2.8	2.7	10	0.2	0.1	<0.1	103	0.26	0.062
1338311	Soil	1.0	33.6	11.8	71	0.3	16.4	13.9	658	3.34	12.0	1.6	13.4	3.1	24	0.5	0.3	0.2	45	0.49	0.083
1338304	Soil	0.6	11.1	5.8	35	<0.1	9.3	5.6	251	2.02	8.4	0.7	89.5	4.3	13	<0.1	0.3	0.1	29	0.19	0.046
1354899	Soil	0.6	17.1	6.5	45	<0.1	13.1	9.8	301	2.53	7.3	0.6	4.7	4.4	11	<0.1	0.4	0.1	43	0.13	0.020
1354895	Soil	0.6	25.5	5.6	56	<0.1	16.4	11.4	388	2.61	7.0	0.6	<0.5	2.8	14	<0.1	0.5	0.1	49	0.20	0.024
1338308	Soil	1.0	29.0	6.5	43	0.3	11.6	11.4	532	3.41	11.2	1.7	9.3	8.4	15	<0.1	0.3	0.4	29	0.38	0.079
1338310	Soil	1.2	30.7	12.5	71	0.3	15.8	14.5	728	3.17	12.8	1.6	5.9	2.7	21	0.3	0.3	0.3	45	0.34	0.074
1354900	Soil	0.6	17.5	7.1	50	0.1	14.0	8.1	343	2.25	7.2	0.9	14.4	5.1	15	0.1	0.4	0.1	37	0.20	0.036
1354896	Soil	0.6	30.6	6.2	50	0.1	17.5	13.1	463	2.63	8.9	0.8	12.7	4.6	17	<0.1	0.5	0.1	40	0.23	0.031
1338307	Soil	0.8	20.8	7.9	50	0.4	7.1	12.6	623	3.87	68.1	1.6	22.5	7.7	18	0.2	0.6	0.6	24	0.43	0.118
1338301	Rock Pulp	1.4	542.7	22.1	59	0.3	248.7	90.6	918	16.18	3.3	1.3	39.9	7.8	16	0.1	0.3	0.2	216	0.39	0.036
1338302	Soil	0.6	13.1	5.7	40	<0.1	11.2	6.6	290	1.97	7.0	0.7	4.2	4.4	11	<0.1	0.4	0.1	29	0.16	0.044
1354897	Soil	0.8	26.3	9.4	34	0.2	18.4	11.1	1598	2.56	12.6	0.6	5.6	3.7	11	<0.1	0.5	0.1	29	0.27	0.059
1338306	Soil	0.9	35.1	7.4	47	0.4	14.1	10.8	541	2.78	43.0	3.0	19.9	3.5	31	0.2	0.3	0.5	30	0.78	0.080
1338309	Soil	1.0	26.6	10.5	65	0.3	14.7	13.9	599	3.34	13.8	1.5	7.0	4.4	20	0.3	0.3	0.3	40	0.39	0.079
1338303	Soil	0.7	11.7	7.1	41	<0.1	12.5	6.1	260	2.10	7.9	0.6	8.1	2.9	11	<0.1	0.3	0.1	37	0.15	0.047
1354898	Soil	0.7	24.7	5.7	44	<0.1	16.5	13.1	507	2.64	11.7	0.7	1.7	3.7	15	<0.1	0.6	0.1	43	0.30	0.026
1385223	Soil	0.7	17.8	11.3	75	0.2	16.3	9.4	401	2.52	9.8	0.9	6.8	5.4	19	0.1	0.2	0.1	34	0.25	0.103
1385225	Soil	0.8	21.4	7.9	74	<0.1	16.0	7.6	319	2.72	16.5	0.8	9.0	3.4	12	<0.1	0.2	0.1	42	0.19	0.061

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1354893	Soil	28	13	0.88	96	0.010	<1	1.19	0.002	0.02	<0.1	<0.01	3.7	<0.1	<0.05	4	<0.5
1354888	Soil	13	20	0.83	152	0.037	2	1.84	0.004	0.03	0.1	0.03	4.3	<0.1	<0.05	5	<0.5
1354885	Soil	11	18	0.75	123	0.040	<1	1.82	0.004	0.03	0.1	0.02	3.9	<0.1	<0.05	5	0.5
1392956	Soil	13	16	1.65	91	0.009	<1	2.41	0.002	0.03	<0.1	0.02	4.5	<0.1	<0.05	6	<0.5
1354884	Soil	18	22	0.86	223	0.044	<1	1.75	0.007	0.03	0.2	0.05	6.4	<0.1	<0.05	5	<0.5
1354890	Soil	10	14	0.77	91	0.034	1	1.94	0.003	0.03	<0.1	0.03	3.4	<0.1	<0.05	5	<0.5
1354887	Soil	26	7	1.15	89	0.025	<1	2.07	0.002	0.02	<0.1	0.02	7.8	<0.1	<0.05	6	0.5
1392958	Soil	15	35	1.40	213	0.035	<1	2.40	0.005	0.04	<0.1	0.05	9.3	<0.1	<0.05	6	0.6
1354894	Soil	9	20	1.09	179	0.050	<1	1.77	0.005	0.03	<0.1	0.03	3.4	<0.1	<0.05	4	<0.5
1354891	Soil	13	20	0.81	126	0.036	<1	1.48	0.003	0.03	0.2	0.03	3.7	<0.1	<0.05	4	<0.5
1354889	Soil	12	20	0.71	127	0.037	<1	1.68	0.004	0.03	0.2	0.02	4.1	<0.1	<0.05	5	<0.5
1392959	Soil	13	15	2.09	68	0.004	<1	2.61	0.002	0.02	<0.1	0.02	13.3	<0.1	<0.05	9	0.7
1338311	Soil	16	17	0.80	406	0.017	1	1.61	0.006	0.03	0.1	0.04	5.2	<0.1	<0.05	5	0.9
1338304	Soil	15	16	0.54	182	0.026	<1	1.26	0.004	0.04	0.1	0.02	2.9	<0.1	<0.05	4	<0.5
1354899	Soil	14	19	0.84	175	0.039	<1	1.66	0.004	0.03	<0.1	0.02	2.6	<0.1	<0.05	4	<0.5
1354895	Soil	11	22	1.02	205	0.045	<1	1.75	0.007	0.03	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5
1338308	Soil	36	15	1.27	180	0.013	<1	1.91	0.004	0.03	<0.1	0.04	3.4	<0.1	<0.05	5	0.8
1338310	Soil	18	18	0.79	404	0.016	<1	1.76	0.005	0.04	0.1	0.04	5.7	<0.1	<0.05	6	0.9
1354900	Soil	16	17	0.70	221	0.039	<1	1.36	0.005	0.04	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5
1354896	Soil	14	17	0.95	227	0.046	<1	1.79	0.009	0.04	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5
1338307	Soil	25	7	0.74	129	0.008	<1	1.41	0.003	0.03	<0.1	0.03	3.6	<0.1	<0.05	4	0.8
1338301	Rock Pulp	18	722	0.15	156	0.166	4	3.90	0.012	0.07	<0.1	0.04	47.3	<0.1	<0.05	18	<0.5
1338302	Soil	22	16	0.49	178	0.030	<1	1.17	0.004	0.03	0.1	0.02	2.8	<0.1	<0.05	3	<0.5
1354897	Soil	21	13	0.65	301	0.030	<1	1.12	0.004	0.03	<0.1	0.05	4.4	<0.1	<0.05	3	<0.5
1338306	Soil	17	17	0.56	310	0.013	<1	1.27	0.006	0.04	0.1	0.06	3.4	<0.1	0.06	4	2.2
1338309	Soil	20	17	0.79	343	0.018	<1	1.70	0.006	0.04	<0.1	0.05	4.6	<0.1	<0.05	5	0.8
1338303	Soil	12	19	0.53	185	0.029	<1	1.36	0.004	0.03	0.1	0.05	2.5	<0.1	<0.05	4	<0.5
1354898	Soil	13	19	1.00	211	0.042	<1	1.75	0.005	0.03	0.1	0.02	3.4	<0.1	<0.05	4	<0.5
1385223	Soil	20	17	1.09	252	0.013	<1	1.55	0.003	0.05	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5
1385225	Soil	17	19	0.97	257	0.019	<1	1.62	0.004	0.05	<0.1	0.03	4.6	<0.1	<0.05	5	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1345811	Soil	0.6	25.6	7.9	77	0.1	18.5	9.7	493	3.24	10.3	1.1	8.6	4.2	19	<0.1	0.3	0.1	48	0.29
1385219	Soil	1.3	39.8	30.9	99	0.4	28.1	14.6	939	2.99	38.2	3.3	9.8	3.9	25	0.9	0.3	0.2	48	0.26
1385221	Soil	1.5	28.9	12.0	73	0.2	8.3	12.9	891	3.79	9.9	1.7	50.5	5.8	8	0.5	0.4	0.4	18	0.19
1385224	Soil	0.8	21.1	7.6	71	<0.1	16.4	7.6	308	2.75	16.3	0.8	7.7	3.2	12	<0.1	0.3	<0.1	41	0.17
1345810	Soil	0.9	23.0	9.0	77	0.2	19.5	7.7	326	2.74	15.8	1.4	23.7	4.2	22	0.1	0.3	0.1	41	0.30
1385220	Soil	0.6	23.1	34.6	108	0.3	15.9	9.3	336	2.55	14.8	1.1	36.5	4.0	16	0.4	0.3	0.1	41	0.24
1345812	Soil	1.3	24.8	11.3	83	0.3	23.6	9.3	302	2.85	60.1	1.5	13.3	3.5	20	0.2	0.3	0.1	37	0.32
1385222	Soil	1.0	23.5	11.2	81	0.3	18.6	9.5	386	2.90	14.0	1.1	40.4	4.1	17	0.2	0.2	0.1	40	0.39
1385209	Soil	0.7	19.4	5.8	41	0.3	11.3	9.0	422	2.28	12.2	1.9	7.9	2.3	28	0.2	0.2	0.3	26	0.87
1338305	Soil	0.9	25.0	6.7	41	0.4	11.8	8.7	459	2.62	72.1	2.7	23.9	4.2	19	0.2	0.3	0.4	21	0.60
1385207	Soil	0.8	22.9	6.9	52	0.4	20.8	14.3	998	2.70	8.9	1.0	11.0	1.5	31	<0.1	0.3	0.2	50	0.62
1385212	Soil	1.3	24.1	8.4	62	0.4	10.4	12.6	590	3.43	14.4	1.2	12.3	4.1	20	0.3	0.3	0.3	26	0.54
1385210	Soil	1.0	16.4	7.9	49	0.3	12.1	10.1	489	2.79	16.7	1.0	7.6	4.0	21	0.2	0.3	0.3	30	0.54
1385208	Soil	0.8	32.4	10.8	66	0.5	19.4	13.1	672	2.91	16.8	1.2	17.3	2.5	26	0.3	0.3	0.6	49	0.42
1385214	Soil	1.0	31.2	15.6	91	0.3	15.3	10.3	392	2.84	13.9	1.1	15.8	2.8	15	0.4	0.3	0.2	48	0.29
1385211	Soil	1.1	17.8	9.3	54	0.6	10.9	14.2	1048	3.49	14.5	1.4	11.4	3.9	25	0.2	0.3	0.3	30	0.67
1345817	Soil	1.1	41.1	24.5	114	0.3	16.5	15.2	551	3.49	17.8	1.0	8.6	2.8	14	0.4	0.3	0.2	55	0.28
1385213	Soil	0.9	23.0	9.4	68	0.3	13.1	13.4	578	3.33	8.8	0.9	6.9	2.5	23	0.4	0.2	0.2	38	0.62
1354968	Soil	1.2	52.7	14.9	79	0.5	11.0	15.5	624	4.14	19.2	1.1	53.2	3.6	10	0.3	0.4	0.4	31	0.23
1385215	Soil	1.1	31.7	20.3	97	0.4	15.1	13.5	610	3.23	17.0	1.6	14.0	2.1	22	0.6	0.3	0.2	51	0.63
1385218	Soil	1.3	24.9	16.8	86	0.3	20.6	10.6	509	2.92	43.4	1.9	9.8	3.6	26	0.4	0.3	0.2	39	0.44
1385216	Soil	1.2	24.5	9.7	69	0.3	12.4	9.1	450	3.05	23.0	1.2	152.1	2.8	15	0.3	0.2	0.2	31	0.31
1354978	Soil	0.6	30.1	12.7	84	0.1	14.3	18.0	1069	4.47	22.8	0.5	6.0	2.8	9	0.2	0.2	<0.1	57	0.30
1354973	Soil	0.6	32.1	6.5	68	<0.1	29.9	16.3	488	3.04	31.1	0.4	3.0	2.4	16	0.1	0.2	<0.1	50	0.27
1345816	Soil	1.1	33.0	23.4	103	0.3	19.8	14.7	438	2.98	26.6	1.3	5.4	3.3	20	0.6	0.3	0.2	53	0.36
1385217	Soil	1.1	25.4	15.1	84	0.3	15.7	8.7	366	3.09	31.6	1.3	25.4	3.3	15	0.3	0.3	0.2	38	0.28
1354966	Soil	1.1	26.6	10.6	71	0.1	19.9	13.6	603	4.07	17.0	0.7	3.9	3.7	12	0.1	0.4	0.1	57	0.22
1345815	Soil	1.2	23.6	11.5	68	0.3	19.1	12.9	603	2.98	47.4	1.2	6.8	2.8	19	0.3	0.3	0.2	49	0.39
1345814	Soil	1.3	29.8	12.4	83	0.3	19.7	12.3	483	3.20	53.1	1.4	6.5	2.4	19	0.3	0.3	0.1	47	0.38
1345813	Soil	1.2	28.3	14.6	73	0.3	23.9	13.1	497	2.82	59.2	3.6	7.2	3.3	27	0.2	0.3	0.1	50	0.43

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1345811	Soil	16	22	1.25	246	0.018	<1	1.98	0.004	0.04	<0.1	0.03	5.7	<0.1	<0.05	6	<0.5
1385219	Soil	27	22	0.92	685	0.011	<1	2.09	0.005	0.05	0.1	0.06	5.3	<0.1	<0.05	6	1.3
1385221	Soil	21	7	0.45	149	0.009	<1	0.91	0.003	0.02	<0.1	0.06	4.4	<0.1	0.06	3	1.0
1385224	Soil	15	18	0.89	240	0.018	<1	1.63	0.004	0.05	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
1345810	Soil	21	20	1.01	384	0.020	<1	1.70	0.005	0.06	0.1	0.02	4.2	<0.1	<0.05	5	<0.5
1385220	Soil	20	19	0.86	326	0.017	<1	1.58	0.004	0.05	0.1	0.07	4.3	<0.1	<0.05	4	<0.5
1345812	Soil	16	22	1.14	303	0.012	<1	1.85	0.005	0.06	<0.1	0.03	3.8	<0.1	<0.05	6	0.5
1385222	Soil	17	21	1.07	402	0.015	<1	1.59	0.004	0.06	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5
1385209	Soil	15	13	0.59	234	0.011	<1	1.21	0.007	0.03	0.1	0.05	3.0	<0.1	0.08	4	0.9
1338305	Soil	17	12	0.50	273	0.013	<1	1.07	0.005	0.04	0.1	0.04	2.8	<0.1	0.05	3	1.0
1385207	Soil	20	22	0.79	590	0.018	<1	1.86	0.008	0.04	0.1	0.05	4.0	<0.1	<0.05	5	<0.5
1385212	Soil	18	11	0.89	229	0.012	<1	1.55	0.006	0.03	<0.1	0.04	4.1	<0.1	<0.05	5	0.8
1385210	Soil	16	16	0.62	191	0.020	<1	1.37	0.008	0.05	0.2	0.03	2.9	<0.1	<0.05	4	<0.5
1385208	Soil	14	25	0.96	345	0.018	<1	1.67	0.007	0.03	0.2	0.04	4.9	<0.1	0.05	5	1.3
1385214	Soil	17	21	0.81	375	0.018	<1	1.77	0.005	0.04	0.1	0.06	4.9	<0.1	<0.05	5	0.6
1385211	Soil	22	12	0.70	256	0.007	<1	1.42	0.005	0.03	<0.1	0.06	3.9	<0.1	0.05	5	1.0
1345817	Soil	14	20	1.20	317	0.015	<1	1.90	0.005	0.03	<0.1	0.08	5.6	<0.1	<0.05	6	0.8
1385213	Soil	14	14	0.85	277	0.017	<1	1.68	0.006	0.03	<0.1	0.03	5.3	<0.1	<0.05	6	0.5
1354968	Soil	14	11	1.14	180	0.007	<1	1.54	0.005	0.03	<0.1	0.05	4.8	<0.1	<0.05	5	0.9
1385215	Soil	15	21	0.83	443	0.015	<1	1.84	0.007	0.04	0.1	0.07	4.8	<0.1	<0.05	6	0.8
1385218	Soil	18	20	0.93	393	0.016	<1	1.54	0.006	0.05	0.1	0.03	4.1	<0.1	<0.05	5	0.6
1385216	Soil	13	14	0.65	350	0.015	<1	1.36	0.004	0.04	0.1	0.03	3.9	<0.1	<0.05	5	<0.5
1354978	Soil	9	14	1.64	152	0.012	<1	2.37	0.003	0.03	<0.1	0.02	7.2	<0.1	<0.05	7	<0.5
1354973	Soil	7	38	1.60	96	0.040	<1	1.76	0.002	0.03	<0.1	<0.01	3.8	<0.1	<0.05	5	<0.5
1345816	Soil	16	21	1.04	404	0.020	<1	1.74	0.007	0.03	0.2	0.07	5.1	<0.1	<0.05	5	0.5
1385217	Soil	17	18	0.81	400	0.019	<1	1.52	0.005	0.04	0.1	0.05	4.7	<0.1	<0.05	5	0.5
1354966	Soil	12	24	1.37	222	0.025	<1	2.21	0.005	0.04	<0.1	0.03	5.4	<0.1	<0.05	7	<0.5
1345815	Soil	13	24	0.89	416	0.019	<1	1.76	0.007	0.04	0.2	0.03	4.3	<0.1	<0.05	5	0.6
1345814	Soil	14	21	1.16	360	0.015	<1	1.78	0.005	0.05	0.1	0.03	4.0	<0.1	<0.05	5	0.5
1345813	Soil	18	21	0.89	488	0.016	<1	1.68	0.007	0.05	0.1	0.05	4.8	<0.1	<0.05	5	1.3

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1354970	Soil	2.0	44.7	7.1	56	0.4	12.7	19.8	651	4.32	13.4	0.9	53.5	5.2	4	0.1	0.2	0.7	19	0.15	0.079
1354964	Soil	0.9	35.2	8.4	80	<0.1	21.6	11.1	771	3.43	43.0	0.9	5.0	4.6	13	0.3	0.2	<0.1	32	0.27	0.084
1354972	Soil	0.7	30.4	10.9	81	<0.1	20.6	13.1	353	3.00	11.5	1.1	20.7	6.9	11	0.1	0.2	0.2	31	0.21	0.078
1338275	Soil	0.9	27.1	6.6	80	0.2	17.9	12.4	580	3.81	3.9	0.9	3.1	3.7	15	<0.1	0.2	0.1	56	0.32	0.052
1354981	Soil	0.5	24.0	6.8	55	<0.1	14.4	12.8	528	3.30	6.7	0.6	1.2	2.4	8	<0.1	0.3	<0.1	61	0.13	0.019
1338274	Soil	1.1	26.5	6.8	79	0.2	17.4	11.8	570	3.68	3.7	0.7	4.8	3.8	14	<0.1	0.2	0.1	49	0.31	0.053
1354962	Soil	1.2	24.8	11.6	73	0.1	23.2	11.4	426	3.44	57.6	0.6	20.7	4.4	9	0.1	0.3	0.1	54	0.13	0.037
1354976	Soil	2.1	42.3	10.8	105	0.2	39.6	13.0	515	4.06	414.5	1.2	11.0	5.3	16	0.3	1.3	0.1	49	0.27	0.090
1354984	Soil	0.5	43.3	4.6	90	0.1	4.9	15.7	1039	5.05	4.3	0.7	12.6	3.2	14	0.1	0.2	0.1	65	0.38	0.084
1354982	Soil	0.4	37.0	4.8	86	<0.1	27.1	14.5	828	4.05	5.1	0.7	8.8	3.2	14	0.3	0.1	<0.1	83	0.33	0.079
1354983	Soil	0.3	30.3	6.3	73	0.1	17.1	12.7	830	3.47	4.8	0.6	1.3	3.3	12	0.1	0.3	<0.1	82	0.30	0.085
1354965	Soil	0.8	23.4	14.9	74	0.2	18.1	12.9	652	3.74	18.4	0.7	2.0	3.5	8	<0.1	0.3	0.1	54	0.15	0.031
1354980	Soil	0.4	28.1	8.9	69	<0.1	14.3	14.2	703	3.40	5.1	0.5	4.0	2.9	10	<0.1	0.3	<0.1	53	0.17	0.037
1354967	Soil	0.4	33.0	11.1	79	<0.1	9.3	19.8	833	4.49	11.1	0.5	14.6	3.0	7	0.1	0.2	<0.1	54	0.18	0.034
1354977	Soil	0.3	34.3	8.6	71	<0.1	11.5	16.1	931	4.01	11.4	0.5	3.2	3.2	9	<0.1	0.4	<0.1	54	0.16	0.039
1354969	Soil	0.5	114.1	27.4	112	0.2	12.0	26.9	469	4.39	4.7	1.0	9.8	2.7	5	0.9	0.4	0.1	73	0.12	0.053
1354979	Soil	0.9	27.1	10.6	66	<0.1	15.7	14.6	722	3.68	10.4	0.6	5.4	3.0	13	<0.1	0.4	0.1	58	0.21	0.028
1354986	Soil	0.3	16.9	6.9	84	<0.1	8.8	24.5	1217	4.93	2.6	0.4	30.5	2.1	8	0.1	0.2	<0.1	94	0.20	0.056
1354991	Soil	2.3	48.4	25.3	97	0.2	32.2	17.4	717	3.88	467.8	0.9	25.8	5.0	18	0.4	0.3	0.3	38	0.22	0.095
1354985	Soil	1.3	28.0	7.2	82	<0.1	18.0	11.8	497	3.26	4.1	0.9	9.1	4.8	12	<0.1	0.2	0.2	40	0.22	0.061
1354992	Soil	1.5	40.7	25.2	120	0.2	20.4	15.6	513	3.37	12.8	1.1	13.4	7.3	8	0.3	0.4	0.2	40	0.13	0.061
1354963	Soil	0.9	31.2	12.7	79	0.2	19.8	12.7	571	3.62	33.7	0.8	5.3	3.7	18	0.2	0.4	0.1	50	0.29	0.057
1354987	Soil	0.6	28.3	12.6	87	<0.1	32.8	16.5	759	4.11	1.7	1.0	3.0	5.6	12	<0.1	0.2	0.3	71	0.24	0.083
1349498	Soil	0.6	41.0	8.1	89	0.1	9.5	15.6	980	4.77	176.6	1.2	14.0	2.4	23	0.2	0.3	0.1	44	0.29	0.084
1354990	Soil	0.5	50.6	7.4	78	0.3	8.0	24.3	1318	5.17	17.6	0.3	3.8	2.5	9	0.2	0.2	<0.1	51	0.26	0.068
1354971	Soil	1.2	52.6	18.0	82	0.2	22.2	17.1	441	3.91	14.5	1.2	6.8	4.9	15	0.1	0.6	0.2	71	0.17	0.048
1349495	Soil	0.6	30.4	8.5	79	0.1	20.7	12.3	508	3.41	21.5	1.0	2.5	3.5	20	0.2	0.2	0.1	50	0.37	0.090
1354988	Soil	0.8	63.8	9.2	68	0.2	16.6	24.7	952	3.82	7.2	0.8	6.7	3.3	4	0.1	0.3	0.2	33	0.16	0.059
1354989	Soil	0.5	50.4	10.5	73	0.2	11.6	22.3	1341	4.73	4.8	0.6	5.3	2.9	8	<0.1	0.3	<0.1	61	0.25	0.064
1354950	Soil	1.9	38.6	37.0	370	0.6	17.8	14.4	583	3.79	11.6	1.2	22.8	5.8	16	1.5	0.4	0.2	38	0.27	0.091

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1354970	Soil	13	9	1.14	119	0.004	<1	1.52	0.003	0.03	<0.1	0.04	5.7	<0.1	<0.05	4	0.9
1354964	Soil	14	16	0.69	205	0.008	<1	1.29	0.004	0.06	<0.1	0.01	4.9	<0.1	<0.05	4	<0.5
1354972	Soil	23	19	0.95	481	0.014	<1	1.43	0.003	0.06	<0.1	0.02	7.3	<0.1	<0.05	5	0.6
1338275	Soil	14	17	1.31	307	0.025	<1	1.88	0.004	0.07	<0.1	0.01	6.2	<0.1	<0.05	7	<0.5
1354981	Soil	9	19	1.55	159	0.025	<1	2.27	0.004	0.03	<0.1	0.02	5.7	<0.1	<0.05	6	<0.5
1338274	Soil	13	17	1.26	244	0.028	<1	1.67	0.003	0.07	<0.1	0.02	5.9	<0.1	<0.05	6	<0.5
1354962	Soil	14	26	1.25	214	0.019	<1	1.88	0.004	0.04	<0.1	0.02	4.1	<0.1	<0.05	6	<0.5
1354976	Soil	18	26	0.87	225	0.007	<1	1.42	0.004	0.06	<0.1	0.02	6.1	<0.1	<0.05	5	0.5
1354984	Soil	18	4	1.63	147	0.013	<1	2.28	0.002	0.06	<0.1	0.02	9.1	<0.1	<0.05	8	<0.5
1354982	Soil	9	39	1.54	158	0.033	<1	1.71	0.005	0.12	<0.1	0.02	12.7	0.1	<0.05	8	<0.5
1354983	Soil	15	35	1.22	194	0.032	<1	1.63	0.004	0.07	<0.1	<0.01	7.7	<0.1	<0.05	7	<0.5
1354965	Soil	13	19	1.31	218	0.017	<1	2.16	0.005	0.05	<0.1	0.02	4.8	<0.1	<0.05	6	<0.5
1354980	Soil	12	20	1.46	187	0.021	<1	2.05	0.003	0.03	<0.1	0.03	6.0	<0.1	<0.05	6	<0.5
1354967	Soil	9	11	1.71	144	0.011	<1	2.34	0.002	0.03	<0.1	0.02	6.6	<0.1	<0.05	6	<0.5
1354977	Soil	13	13	1.75	207	0.011	1	2.29	0.002	0.03	<0.1	0.03	6.3	<0.1	<0.05	7	<0.5
1354969	Soil	14	13	1.87	159	0.008	<1	2.23	0.002	0.02	<0.1	0.12	11.9	<0.1	<0.05	6	0.6
1354979	Soil	10	19	1.10	202	0.029	<1	2.11	0.005	0.03	<0.1	0.03	6.1	<0.1	<0.05	6	<0.5
1354986	Soil	12	14	2.41	281	0.027	<1	2.37	0.003	0.08	<0.1	0.03	14.2	<0.1	<0.05	8	<0.5
1354991	Soil	17	19	1.51	160	0.004	<1	1.75	0.002	0.05	<0.1	0.01	3.1	<0.1	<0.05	6	0.8
1354985	Soil	14	18	1.13	227	0.032	<1	1.42	0.003	0.07	<0.1	0.02	5.8	<0.1	<0.05	5	<0.5
1354992	Soil	26	25	1.18	298	0.016	<1	1.84	0.003	0.04	<0.1	0.04	6.7	<0.1	<0.05	5	0.6
1354963	Soil	14	22	1.47	293	0.017	<1	2.07	0.005	0.05	<0.1	0.02	4.7	<0.1	<0.05	6	<0.5
1354987	Soil	16	29	2.86	161	0.068	<1	2.49	0.002	0.20	<0.1	<0.01	9.7	0.2	<0.05	10	<0.5
1349498	Soil	7	7	0.92	122	0.006	<1	1.58	0.003	0.07	<0.1	0.01	4.7	<0.1	<0.05	5	<0.5
1354990	Soil	6	7	1.70	78	0.004	<1	2.26	0.003	0.04	<0.1	0.01	7.7	<0.1	<0.05	6	<0.5
1354971	Soil	19	27	1.50	345	0.033	1	2.25	0.006	0.04	<0.1	0.04	8.2	<0.1	<0.05	6	<0.5
1349495	Soil	11	21	1.25	188	0.024	<1	1.63	0.004	0.05	<0.1	0.02	5.4	<0.1	<0.05	5	0.6
1354988	Soil	15	13	1.67	116	0.003	<1	1.90	0.005	0.02	<0.1	0.02	5.6	<0.1	<0.05	5	<0.5
1354989	Soil	14	18	2.13	111	0.005	<1	2.73	0.002	0.02	<0.1	0.01	9.7	<0.1	<0.05	7	<0.5
1354950	Soil	17	17	0.84	262	0.017	<1	1.24	0.003	0.03	<0.1	0.13	5.0	<0.1	<0.05	3	1.0

CERTIFICATE OF ANALYSIS

WHI14000228.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1349493	Soil	0.8	39.4	16.2	94	0.2	23.6	15.5	714	3.76	117.7	1.7	5.5	3.8	27	0.3	0.3	0.2	36	0.39	0.100
1349500	Soil	0.5	33.9	16.0	86	0.2	24.3	12.1	501	3.05	29.2	0.9	17.5	5.0	24	0.4	0.4	0.2	41	0.34	0.092
1354939	Soil	0.8	27.5	16.8	87	0.4	13.4	11.3	393	2.56	13.9	1.6	30.4	3.4	25	0.5	0.3	0.2	37	0.57	0.058
1354948	Soil	0.8	31.2	21.2	135	0.2	12.1	9.5	361	3.02	8.8	0.9	17.3	4.7	13	0.5	0.3	0.2	35	0.24	0.076
1354949	Soil	1.3	31.2	26.6	149	0.4	15.2	9.5	336	3.23	11.8	1.3	15.9	5.7	16	0.4	0.4	0.2	34	0.26	0.076
1349494	Soil	0.8	30.5	10.3	99	0.1	19.9	11.6	718	3.19	19.3	1.1	10.1	6.5	19	0.3	0.1	0.1	36	0.35	0.117
1349496	Soil	1.1	38.8	11.3	98	0.1	21.9	14.5	802	3.76	31.1	1.1	9.1	4.7	18	0.4	0.2	0.1	42	0.32	0.093
1349490	Soil	1.6	56.3	26.5	180	0.8	14.8	13.7	693	4.08	11.5	1.3	30.0	5.3	16	0.8	0.4	0.2	38	0.26	0.087
1354907	Soil	0.8	29.2	12.2	72	0.2	20.4	12.9	759	3.31	24.8	3.2	9.7	2.4	42	0.3	0.3	0.2	44	0.61	0.081
1349492	Soil	0.5	27.3	12.9	67	0.1	21.5	12.3	504	3.00	31.2	2.0	4.2	3.0	33	0.1	0.4	0.1	34	0.50	0.065
1349497	Soil	0.7	26.8	11.1	68	<0.1	17.5	14.3	539	3.56	22.1	0.9	16.5	3.0	18	<0.1	0.3	0.1	46	0.30	0.073
1354935	Soil	0.4	9.7	4.1	34	0.1	7.5	4.6	345	1.97	9.2	0.7	12.2	4.3	10	<0.1	0.2	0.1	21	0.22	0.068
1354945	Soil	1.0	24.9	15.8	84	0.2	10.9	9.2	474	3.13	10.2	1.1	23.2	3.1	13	0.3	0.4	0.2	39	0.28	0.070
1354944	Soil	1.0	20.9	20.9	86	0.3	14.0	8.8	340	2.70	12.8	0.9	16.5	3.4	13	0.3	0.3	0.2	39	0.25	0.071
1354940	Soil	0.9	21.9	13.6	74	0.2	14.9	13.4	356	3.24	26.7	1.3	10.5	3.9	19	0.3	0.4	0.2	37	0.35	0.082
1354937	Soil	1.0	16.9	11.4	72	0.3	9.4	17.8	1466	2.36	7.9	0.9	13.0	1.6	30	0.5	0.2	0.2	33	0.80	0.078
1354938	Soil	0.7	22.1	10.3	75	0.2	11.5	9.9	432	3.02	12.1	1.0	5.8	4.4	19	0.3	0.4	0.3	33	0.43	0.088
1354936	Soil	0.4	13.7	6.1	35	0.2	10.5	5.0	205	1.94	15.2	1.0	8.6	3.9	13	0.1	0.3	0.2	25	0.23	0.058
1349491	Soil	0.5	24.2	11.6	76	0.2	21.8	12.6	667	3.57	18.2	2.3	5.6	2.8	46	0.3	0.2	0.2	42	0.72	0.076
1354943	Soil	1.2	19.6	19.7	103	0.4	15.9	10.8	549	2.97	20.5	1.6	6.5	2.8	20	0.5	0.2	0.2	38	0.37	0.079
1354934	Soil	0.5	9.0	3.7	34	<0.1	8.5	5.5	316	2.23	8.0	0.5	37.1	3.8	9	<0.1	0.2	0.1	25	0.21	0.069
1349499	Soil	0.5	23.3	14.0	67	0.1	22.9	12.7	638	3.17	20.0	0.9	7.3	3.5	17	0.1	0.2	0.2	28	0.32	0.082
1354946	Soil	0.9	22.8	12.3	78	0.4	17.9	9.0	459	2.74	12.1	1.0	41.0	3.0	17	0.2	0.2	0.1	38	0.32	0.093
1354947	Soil	1.0	16.7	10.3	74	0.2	14.9	8.1	364	2.81	8.5	1.0	81.5	4.8	12	0.1	0.2	0.1	35	0.21	0.069
1354942	Soil	1.1	20.8	17.3	90	0.3	14.5	10.4	430	3.26	29.8	1.7	10.2	3.8	17	0.2	0.3	0.2	44	0.37	0.075
1354941	Soil	0.8	13.1	7.3	71	0.2	11.3	9.1	474	3.06	14.3	0.8	6.1	5.5	11	0.2	0.2	0.2	23	0.33	0.103

CERTIFICATE OF ANALYSIS

WHI14000228.1

	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1349493	Soil	12	16	0.98	146	0.008	<1	1.33	0.003	0.06	<0.1	0.01	3.6	<0.1	<0.05	4	0.6	<0.2
1349500	Soil	16	19	0.98	170	0.015	<1	1.39	0.004	0.05	<0.1	0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1354939	Soil	22	16	0.69	419	0.013	<1	1.40	0.005	0.04	0.1	0.08	4.5	<0.1	<0.05	5	0.6	<0.2
1354948	Soil	15	15	0.65	215	0.021	<1	1.26	0.004	0.03	0.1	0.05	4.6	<0.1	<0.05	4	<0.5	<0.2
1354949	Soil	22	17	0.88	381	0.016	<1	1.45	0.003	0.04	<0.1	0.04	5.4	<0.1	<0.05	4	0.5	<0.2
1349494	Soil	23	16	1.12	131	0.020	<1	1.39	0.002	0.12	<0.1	0.01	5.6	0.1	<0.05	4	<0.5	<0.2
1349496	Soil	16	16	1.09	161	0.016	<1	1.41	0.003	0.10	<0.1	<0.01	5.7	<0.1	<0.05	5	<0.5	<0.2
1349490	Soil	17	11	0.77	261	0.008	<1	1.04	0.003	0.03	<0.1	0.04	6.2	<0.1	<0.05	3	0.6	<0.2
1354907	Soil	10	20	0.92	284	0.015	<1	1.59	0.006	0.05	<0.1	0.04	4.4	<0.1	<0.05	5	1.6	<0.2
1349492	Soil	10	14	0.91	211	0.013	<1	1.43	0.004	0.05	<0.1	0.03	3.9	<0.1	<0.05	4	0.9	<0.2
1349497	Soil	9	18	1.13	153	0.021	<1	1.64	0.004	0.03	<0.1	0.02	4.5	<0.1	<0.05	5	0.7	<0.2
1354935	Soil	21	12	0.60	143	0.016	<1	1.11	0.003	0.03	<0.1	0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
1354945	Soil	18	15	0.63	216	0.019	<1	1.41	0.004	0.03	<0.1	0.04	5.0	<0.1	<0.05	4	<0.5	<0.2
1354944	Soil	16	18	0.75	254	0.018	<1	1.44	0.004	0.05	<0.1	0.03	3.8	<0.1	<0.05	4	<0.5	<0.2
1354940	Soil	15	16	0.84	325	0.019	<1	1.43	0.005	0.03	0.2	0.05	4.1	<0.1	<0.05	4	<0.5	<0.2
1354937	Soil	15	12	0.63	343	0.010	<1	1.21	0.005	0.03	<0.1	0.06	3.7	<0.1	<0.05	4	<0.5	<0.2
1354938	Soil	21	12	0.78	227	0.016	<1	1.34	0.004	0.03	0.1	0.04	3.9	<0.1	<0.05	4	<0.5	<0.2
1354936	Soil	26	14	0.42	208	0.019	<1	1.04	0.004	0.05	0.1	0.02	3.3	<0.1	<0.05	3	<0.5	<0.2
1349491	Soil	12	18	1.22	324	0.009	<1	1.82	0.005	0.06	<0.1	0.03	4.4	<0.1	<0.05	5	1.3	<0.2
1354943	Soil	16	18	0.96	318	0.011	<1	1.68	0.004	0.05	0.1	0.04	4.2	<0.1	<0.05	5	0.6	<0.2
1354934	Soil	10	11	0.48	107	0.026	<1	1.13	0.003	0.03	<0.1	0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1349499	Soil	11	11	0.87	120	0.008	<1	1.23	0.003	0.05	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1354946	Soil	18	19	1.06	370	0.015	<1	1.72	0.005	0.06	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1354947	Soil	18	17	1.01	318	0.016	<1	1.53	0.004	0.05	<0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1354942	Soil	18	15	0.85	254	0.018	<1	1.61	0.005	0.04	0.1	0.05	4.6	<0.1	<0.05	5	0.6	<0.2
1354941	Soil	16	11	1.02	156	0.011	<1	1.39	0.003	0.03	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2

QUALITY CONTROL REPORT

WHI14000228.1

Method	Analyte	Unit	MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																							
1392884	Soil		1.0	38.2	13.0	88	0.2	34.3	18.6	657	4.33	17.1	0.6	2.3	5.1	13	0.2	0.2	0.1	78	0.27	0.055	
REP 1392884	QC		1.0	38.8	13.5	89	0.2	36.8	18.8	676	4.23	16.5	0.6	2.2	5.5	14	0.2	0.3	0.1	76	0.28	0.064	
1338339	Soil		1.0	13.8	9.3	77	0.1	7.3	5.0	431	2.53	3.5	0.7	7.2	4.7	5	<0.1	0.2	0.2	16	0.12	0.046	
REP 1338339	QC		1.0	13.9	9.9	75	0.2	7.6	5.1	453	2.63	3.5	0.8	93.2	4.9	6	<0.1	0.2	0.2	16	0.12	0.045	
1385244	Soil		0.3	43.5	9.0	71	0.1	20.7	15.0	734	3.70	5.8	0.9	7.3	3.8	19	0.1	0.4	0.1	57	0.37	0.069	
REP 1385244	QC		0.3	43.5	9.2	73	0.1	21.5	14.9	749	3.70	5.9	0.8	5.1	3.6	19	0.2	0.4	0.1	62	0.37	0.078	
1370408	Soil		0.8	25.2	13.6	84	0.2	19.0	9.0	289	2.57	16.1	0.9	10.4	5.7	17	0.2	0.2	0.1	39	0.27	0.081	
REP 1370408	QC		0.7	24.2	13.7	78	0.2	18.3	8.9	285	2.49	15.3	1.0	6.2	5.9	16	0.2	0.3	0.1	41	0.27	0.088	
1354998	Soil		0.8	30.4	14.8	82	<0.1	18.9	14.6	820	4.29	33.8	0.8	4.7	3.4	17	0.1	0.4	0.2	85	0.24	0.043	
REP 1354998	QC		0.9	30.8	15.4	81	<0.1	18.4	15.6	771	4.34	36.2	0.8	5.8	3.5	18	0.1	0.6	0.1	86	0.22	0.044	
1338307	Soil		0.8	20.8	7.9	50	0.4	7.1	12.6	623	3.87	68.1	1.6	22.5	7.7	18	0.2	0.6	0.6	24	0.43	0.118	
REP 1338307	QC		1.0	20.5	7.0	48	0.4	6.9	12.3	609	3.80	69.1	1.4	16.6	6.7	18	0.2	0.5	0.5	23	0.45	0.124	
1345815	Soil		1.2	23.6	11.5	68	0.3	19.1	12.9	603	2.98	47.4	1.2	6.8	2.8	19	0.3	0.3	0.2	49	0.39	0.058	
REP 1345815	QC		1.1	22.6	11.3	68	0.3	18.7	12.5	591	2.97	46.2	1.1	4.3	2.7	20	0.4	0.3	0.2	49	0.38	0.062	
1354948	Soil		0.8	31.2	21.2	135	0.2	12.1	9.5	361	3.02	8.8	0.9	17.3	4.7	13	0.5	0.3	0.2	35	0.24	0.076	
REP 1354948	QC		0.8	30.3	21.3	132	0.3	12.1	9.7	376	3.09	8.9	0.9	16.8	4.7	13	0.4	0.4	0.2	37	0.23	0.075	
1354941	Soil		0.8	13.1	7.3	71	0.2	11.3	9.1	474	3.06	14.3	0.8	6.1	5.5	11	0.2	0.2	0.2	23	0.33	0.103	
REP 1354941	QC		0.8	13.0	7.3	66	0.2	10.6	8.8	478	2.96	13.8	0.8	154.8	5.3	11	0.2	0.2	0.2	22	0.29	0.102	
Reference Materials																							
STD DS10	Standard		16.1	161.4	166.4	369	2.0	77.1	14.2	883	2.73	48.9	2.8	95.5	8.4	65	2.8	10.1	13.7	47	1.13	0.087	
STD DS10	Standard		15.7	160.7	165.1	374	2.0	74.5	11.7	864	2.70	45.7	2.8	93.3	8.0	74	2.5	10.1	13.8	44	1.01	0.075	
STD DS10	Standard		16.3	164.7	160.4	393	1.9	79.2	13.7	893	2.80	46.3	2.9	75.3	8.1	75	2.4	9.8	13.0	48	1.02	0.074	
STD DS10	Standard		16.2	165.5	158.4	416	2.0	80.9	12.0	905	2.82	44.6	2.8	72.4	7.5	70	2.7	9.2	11.6	48	1.10	0.076	
STD DS10	Standard		15.2	164.0	158.7	375	2.0	77.0	12.9	910	2.78	47.9	2.7	69.1	7.9	71	2.6	8.8	12.7	45	1.07	0.074	
STD DS10	Standard		14.9	161.9	160.5	377	1.9	74.3	13.0	875	2.67	44.3	2.9	76.8	7.9	69	2.5	9.3	13.3	45	1.00	0.077	
STD DS10	Standard		15.6	150.9	160.1	351	1.8	78.3	12.6	922	2.88	41.0	2.6	65.9	7.3	65	2.3	7.9	11.9	40	1.09	0.075	
STD DS10	Standard		15.6	175.6	151.4	407	2.0	81.1	12.4	964	2.92	43.1	2.6	83.0	7.3	62	2.4	7.4	12.6	49	1.18	0.077	
STD DS10	Standard		15.1	159.1	148.0	352	1.9	78.3	12.1	825	2.73	41.2	2.5	83.1	6.7	66	2.3	8.8	11.5	39	0.99	0.067	

QUALITY CONTROL REPORT

WHI14000228.1

	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1392884	Soil	19	47	2.26	186	0.014	<1	2.48	0.003	0.04	<0.1	0.01	10.3	<0.1	<0.05	7	<0.5	<0.2
REP 1392884	QC	19	46	2.15	181	0.013	<1	2.47	0.003	0.04	<0.1	0.01	10.6	<0.1	<0.05	8	<0.5	<0.2
1338339	Soil	13	7	0.46	158	0.009	<1	0.76	0.003	0.06	<0.1	<0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
REP 1338339	QC	15	8	0.43	166	0.009	1	0.80	0.003	0.06	<0.1	<0.01	2.8	<0.1	<0.05	3	<0.5	<0.2
1385244	Soil	16	21	1.46	245	0.012	1	2.29	0.005	0.04	<0.1	0.04	6.9	<0.1	<0.05	7	<0.5	<0.2
REP 1385244	QC	16	22	1.46	254	0.012	1	2.38	0.005	0.04	<0.1	0.04	6.9	<0.1	<0.05	7	<0.5	<0.2
1370408	Soil	20	21	0.96	401	0.021	<1	1.52	0.005	0.09	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
REP 1370408	QC	20	22	0.97	371	0.023	<1	1.58	0.005	0.08	<0.1	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1354998	Soil	11	20	1.56	281	0.025	<1	2.37	0.005	0.04	<0.1	0.03	9.0	<0.1	<0.05	8	<0.5	<0.2
REP 1354998	QC	12	20	1.63	293	0.026	<1	2.38	0.005	0.04	<0.1	0.03	9.4	<0.1	<0.05	8	<0.5	<0.2
1338307	Soil	25	7	0.74	129	0.008	<1	1.41	0.003	0.03	<0.1	0.03	3.6	<0.1	<0.05	4	0.8	<0.2
REP 1338307	QC	25	5	0.85	128	0.009	1	1.44	0.003	0.04	<0.1	0.02	3.8	<0.1	<0.05	5	0.8	<0.2
1345815	Soil	13	24	0.89	416	0.019	<1	1.76	0.007	0.04	0.2	0.03	4.3	<0.1	<0.05	5	0.6	<0.2
REP 1345815	QC	13	24	0.89	402	0.019	<1	1.68	0.007	0.05	0.2	0.03	4.1	<0.1	<0.05	5	0.6	<0.2
1354948	Soil	15	15	0.65	215	0.021	<1	1.26	0.004	0.03	0.1	0.05	4.6	<0.1	<0.05	4	<0.5	<0.2
REP 1354948	QC	15	15	0.66	213	0.021	<1	1.24	0.004	0.03	<0.1	0.05	4.5	<0.1	<0.05	3	<0.5	<0.2
1354941	Soil	16	11	1.02	156	0.011	<1	1.39	0.003	0.03	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
REP 1354941	QC	16	11	0.94	148	0.010	<1	1.34	0.003	0.03	<0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	18	58	0.80	341	0.089	7	1.03	0.066	0.36	3.5	0.30	3.3	5.4	0.29	5	2.1	4.9
STD DS10	Standard	20	53	0.83	397	0.080	7	1.05	0.062	0.34	3.7	0.34	3.1	5.7	0.26	5	1.8	5.5
STD DS10	Standard	20	57	0.79	360	0.084	7	1.13	0.066	0.35	3.3	0.31	3.1	5.1	0.28	5	2.3	5.4
STD DS10	Standard	18	53	0.87	365	0.082	7	1.06	0.075	0.38	3.9	0.32	3.1	5.3	0.31	5	2.5	5.2
STD DS10	Standard	19	55	0.79	370	0.082	7	1.11	0.070	0.34	3.1	0.31	3.1	5.1	0.27	4	1.9	5.1
STD DS10	Standard	18	53	0.77	345	0.076	9	1.03	0.058	0.32	3.3	0.30	3.0	4.9	0.28	5	3.3	5.1
STD DS10	Standard	17	54	0.77	396	0.079	7	1.05	0.061	0.33	3.3	0.29	3.0	4.9	0.29	5	2.3	4.8
STD DS10	Standard	17	53	0.83	357	0.085	7	1.11	0.068	0.36	3.3	0.29	3.3	5.2	0.31	5	2.4	5.1
STD DS10	Standard	17	49	0.79	356	0.071	7	0.98	0.067	0.32	3.3	0.29	2.7	5.0	0.25	4	2.5	5.3

QUALITY CONTROL REPORT

WHI14000228.1

		AQ201 Mo ppm 0.1	AQ201 Cu ppm 0.1	AQ201 Pb ppm 0.1	AQ201 Zn ppm 1	AQ201 Ag ppm 0.1	AQ201 Ni ppm 0.1	AQ201 Co ppm 0.1	AQ201 Mn ppm 1	AQ201 Fe % 0.01	AQ201 As ppm 0.5	AQ201 U ppm 0.1	AQ201 Au ppb 0.5	AQ201 Th ppm 0.1	AQ201 Sr ppm 1	AQ201 Cd ppm 0.1	AQ201 Sb ppm 0.1	AQ201 Bi ppm 0.1	AQ201 V ppm 2	AQ201 Ca % 0.01	AQ201 P % 0.001
STD OXC109	Standard	1.6	38.7	11.0	44	<0.1	71.7	19.3	395	2.71	1.1	0.6	196.2	1.5	136	<0.1	<0.1	<0.1	48	0.64	0.113
STD OXC109	Standard	1.6	35.1	11.9	42	<0.1	73.7	18.5	437	3.03	1.1	0.7	222.4	1.5	154	<0.1	<0.1	<0.1	50	0.67	0.102
STD OXC109	Standard	1.6	37.4	11.6	41	<0.1	72.5	18.4	438	2.82	0.9	0.6	208.5	1.7	148	<0.1	<0.1	<0.1	50	0.73	0.107
STD OXC109	Standard	1.5	35.8	10.4	45	<0.1	77.4	18.5	402	2.91	<0.5	0.6	198.3	1.4	148	<0.1	<0.1	<0.1	48	0.75	0.099
STD OXC109	Standard	1.3	35.1	11.2	39	<0.1	71.7	19.4	409	2.90	0.7	0.6	194.4	1.5	140	<0.1	<0.1	<0.1	50	0.71	0.099
STD OXC109	Standard	1.2	35.7	11.7	40	<0.1	75.1	20.2	435	2.86	0.9	0.7	222.1	1.6	143	<0.1	<0.1	<0.1	47	0.66	0.101
STD OXC109	Standard	1.6	31.5	10.3	42	<0.1	78.7	17.9	392	2.89	0.8	0.6	207.7	1.4	146	<0.1	<0.1	<0.1	52	0.76	0.104
STD OXC109	Standard	1.5	36.3	10.2	42	<0.1	76.4	18.7	456	3.14	0.7	0.6	214.0	1.5	148	<0.1	<0.1	<0.1	52	0.74	0.111
STD OXC109	Standard	1.6	33.4	10.2	42	<0.1	73.7	19.6	409	2.93	<0.5	0.5	203.3	1.4	133	<0.1	<0.1	<0.1	49	0.66	0.097
STD OXC109	Standard	1.4	34.3	11.1	41	<0.1	75.9	17.5	409	2.85	<0.5	0.5	208.8	1.3	131	<0.1	<0.1	<0.1	43	0.66	0.109
STD DS10 Expected		14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OXC109 Expected		201																			
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

QUALITY CONTROL REPORT

WHI14000228.1

		AQ201 La ppm	AQ201 Cr ppm	AQ201 Mg %	AQ201 Ba ppm	AQ201 Ti %	AQ201 B ppm	AQ201 Al %	AQ201 Na %	AQ201 K %	AQ201 W ppm	AQ201 Hg ppm	AQ201 Sc ppm	AQ201 Ti ppm	AQ201 S %	AQ201 Ga ppm	AQ201 Se ppm	AQ201 Te ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OXC109	Standard	13	53	1.37	56	0.370	<1	1.43	0.611	0.39	0.2	<0.01	0.8	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	14	55	1.51	60	0.375	1	1.58	0.680	0.37	0.3	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	56	1.41	55	0.382	<1	1.56	0.645	0.40	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	13	54	1.44	56	0.336	1	1.56	0.616	0.40	0.2	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	58	1.42	57	0.373	2	1.47	0.621	0.42	0.2	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	13	57	1.43	54	0.372	3	1.56	0.724	0.40	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	62	1.47	51	0.405	2	1.56	0.635	0.40	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	58	1.43	53	0.382	1	1.48	0.690	0.42	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	54	1.52	52	0.383	1	1.39	0.663	0.43	0.2	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	55	1.36	54	0.373	2	1.39	0.674	0.42	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OXC109 Expected																		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

Appendix IV



Box 70
Dawson City, YT
Y0B 1G0
P (867) 993-5612
F (867) 993-5617

Magnetic Survey Standard Operating Procedure

1.0 Overview

This document contains the standard operating procedure utilized by GroundTruth Exploration for completing a ground based Magnetic Survey on the KSD property of the Dawson Mining District, YT.

The survey consists of 1 base mag running at a fixed position for the duration of the survey, and two rover/walk mags that operators carry on gridlines over the property. The GSM-19T proton magnetometer has a 0.1nT sensitivity.

The magnetic field measuring process consist of the following steps:

- Polarization: A strong DC current is passed through the sensor creating polarization of a proton-rich fluid in the sensor
- Pause: The pause allows the electrical transient to die off, leaving a slowly decaying proton precession signal above the noise level.
- Counting: The proton precession frequency is measured and converted into magnetic field units.
- Storage: The result are stored in memory together with date, time and coordinates of measurements. In base station mode, only the time and total field are stored.

2.0 Personnel

The survey is completed by one or two mag operators working simultaneously off the same base station.

3.0 Field Equipment

- 2x GSM-19T proton magnetometer (walk mode)
- 1x GSM-19T proton magnetometer (base mode)
- 2x Garmin GPS
- Field Laptop

4.0 Field Operation

The base mag is set up in a magnetically stable location for the duration of the survey. It takes readings every 5 seconds to account for diurnal changes in the magnetic field in Nano Teslas (nT). These are natural changes in the magnetic field throughout the day.

The “Walk MAG”, is carried by the surveyor and measures the local, near surface changes in the magnetic field at a rate of 1 reading/second. Multiple walk MAGs can be utilized on the same property and corrected with the same base MAG.

Field data is downloaded on a nightly basis and checked for both quality and completeness. Diurnal changes are accounted for by adjusting the local values with the base station, negating atmospheric fluctuations in the magnetic field that may result in false positive or negative results.

Appendix V



Box 70
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Y0B 1G0
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Resistivity & Induced Polarization Standard Operating Procedure

1.0 Overview

This document contains the standard operating procedure utilized by GroundTruth Exploration for completing the 2014 High Resolution DC Resistivity/IP Survey on the KSD property of the Dawson Mining District, YT.

The Multi-electrode, high resolution, shallow resistivity/IP system consists of a computerized meter (SuperSting) that controls the measurement geometry and timing, and stores the incoming Resistivity and Induced Polarization data. This meter is connected to passive geophysical cables equipped with 168 electrode take outs, which are in-turn connected to 168 electrodes embedded up to 50cm into the ground at 5m intervals for a total line length of 835m. This tight electrode spacing results in 2.5m horizontal resolution, while the overall line length gives us reliable readings down to a depth of 170m.

2.0 Personnel

A team of 5 people is employed to run the survey:

- 1x Lead Geophysical Operator and Crew Chief
- 1x Secondary Lead and GPS Technician
- 3x Geo Technician

3.0 Field Equipment

- 1 Supersting R8/IP meter
- 2 Switch Boxes
- 2 420m switchbox-meter cables
- 2 2m switchbox-meter cables
- 2 Power packs
- 2 100W Honda Generators
- 400 Electrodes

- 12 Passive 14 electrode Cables
- 2 Ashtech PROMARK 100 DGPS units
- 4 Frame packs
- 5 Garmin GPS units
- 5 iCom hand-held radios
- 4 Hasqvarna 335 chainsaws with maintenance kits
- 1 Field Laptop
- 1 EarthImager Software Dongle
- 1 ATV
- 1 Truck

4.0 Field Operation

- A crew of 5 is utilized to run the survey.
- The midpoint of a traverse is located and the line is sighted-in using a DGPS.
- Crew places electrode at 5m spacing with measuring tape
- Electrodes are hammered to a depth of 50cm (10% of electrode spacing)
- Cables are laid and attached to the electrodes
- Contact resistance test is conducted
- Calcium Chloride (25% solution) is added to all electrodes >2k ohms. CRT reread.
- Extra electrodes added to high CR electrodes. CRT reread.
- With satisfactory Contact Resistance, Survey is Read.
- Operator surveys the traverse using DGPS and marks the traverse with pickets every 50m.
- Crew prepares the next line.

5.0 Data Processing

In addition to real time quality control of all measurements, collected data is downloaded in the field after every array and checked for integrity. This allows any field errors to be identified before moving the equipment. The RES/IP data is processed daily by the lead operator using EarthImager2D software provided by Advanced Geosciences Inc. Resistivity data-misfits are removed and the cleaned data-set is inverted. The same process is done with the IP data. Terrain corrections are applied to the inversions using previously collected DGPS data. The DGPS data is processed using GNSS Solutions software. A .csv is created containing the DGPS traverse points collected. All instrument raw data from the DGPS and SuperSting are archived.

An ESRI shape file is created containing the traverse points collected.

All inverted sections are imported into Geosoft software, and organized in a georeferenced 3D database (ie with xyz coordinate information). This database is gridded into voxels (3D Grid) for both resistivity and IP. A voxel is a 3D equivalent of a 2D

To remove edge effect artifacts created during the gridding process, the voxels are clipped to surface using a DEM generated from the DGPS data collected on site.

Vertical Section grids (.grd) are then generated from the voxel along each profile read in the field. Horizontal section grids (.grd) are sliced from the voxel at 25m intervals between the elevations of 1450m and 1575m.

When relating sections extracted from geosoft voxels to 2D sections obtained from AGI Earthmager 2D inversion, the following information needs to be considered:

In Earthmager, merged and inverted 2D data for each traverse is individually scaled. This enables maximum contrast and detail within each profile, however care must be taken when comparing sections across different lines, as the colour scales may differ.

Voxels created using Geosoft, as well as the horizontal and vertical grids derived from them, are gridded and displayed using an equalized colour ramp, and the derived sections are therefore comparable for different lines or sections.

RAB Drill

Personnel: The surveys are conducted by the following GroundTruth personnel:

Lead RAB Drill Operator
Geotech / XRF Technician
RAB Drill Assistant / Line Cutter / Surveyor

A. Instruments and Equipment: The crew is equipped with the following instruments and equipment.

RAB Drill Overview

The RAB Drill (Rotary Air Blast) is a remotely controlled tracked platform with an onboard air compressor, tilting mast and rotary drill head. The RAB Drill has 1650 sq. inches of track coverage with less than 1.0 psi ground pressure allowing it to be extremely versatile and low impact in the field. The entire unit is powered by a 60hp Turbo charged Kubota diesel engine and is completely air / hydraulically operated. Each drill hole is cased from surface to bedrock and entire sample is collected. Once the casing is seated into bedrock then an open hole hammer is used to penetrate into bedrock. Rock chip sample size is 1/4 – 3/8” and is analyzed and catalogued into chip trays by our onsite Geotech XRF Technician. Each sample location is surveyed by DGPS. Sample location database and plotted XRF results available to client next day.

Shallow Hole RAB Setup:

Average production is 30m/day sampled at 1.5m intervals using the onboard air compressor.

2 sling loads – RAB
1 sling load – Drill Rods (30m)

Deep Hole RAB Setup:

Average production is 100m/day sampled at 1.5m intervals using stationary 300/200 air compressor with layflat hose giving the RAB a 500m drilling radius around Stationary 300/200 air compressor without use of helicopter.

2 sling loads – RAB
2 sling loads – Drill Rods (100m)
1 sling load – Layflat Air Hose

RAB Drill Technical Specifications

- Length – 96”
- Width – 50”
- Height – 80”
- Weight – 3400 lbs
- Pull Back Force – 16,200 lbs
- Onboard Air Compressor – 150cfm @ 175psi
- Working Angle – 45 to 90 degree
- Less than 1.0 psi ground pressure
- 60hp Turbo Charged Kubota
- Hydrostatic Drive
- Wireless Remote Driving Capability
- 2 sling loads with Astar Helicopter

Stationary 300/200 Air Compressor

- Length – 72”
- Width – 32”
- Height – 60”
- Weight – 1750 lbs
- 1 sling load with Astar Helicopter

Tooling

- Diameter of bit – 90mm
- Drill rod length – 1.5m
- 50m capacity in rod basket
- 1 sling load with Astar Helicopter

XRF – Innovex X-5000 bench top XRF (for use at GT Headquarters)

Survey GPS – Ashtech PROMARK 100 GPS

Data Processing – Laptop computer with proprietary ‘Truthware’ software for synchronous download of GPS / XRF data.

Satellite Internet – Portable Satellite Internet for nightly data downloads.

B. RAB Drill Standard Operating Procedure:

Overview

This document outlines the standard operating procedures used to collect rock chips and soil samples which have been extracted by the RAB. This describes the methodology behind the RAB Drill Survey based on Yukon Projects conducted during the 2014 field season.

RAB Drill Sampling:

1. Planned drill collar location is brushed out and RAB Drill is setup.
2. Sampling Technician sets up sampling station at drill.
3. Once RAB Drill is in position and setup, the operator drills casing into ground in 1.5m lengths.
4. Sample Bucket (5 gallon) is filled from cyclone, 4 - 7 minutes average frequency.
5. Sample is poured into 8:1 splitter
6. Retention Sample is put into a 5 gallon bucket from splitter and a portion is bagged in 12x20 ore bag, Sample ID, Hole ID and Interval written on Sample ID with marker and sealed with zip tie with external Sample ID attached, 5lbs weight. Excess retention is then discarded.
7. Analytical Sample is bagged in 12x20 ore bag , Sample ID Barcode inserted into bag and sealed with zip tie with external barcode Sample ID attached, 5lbs weight
8. Buckets and Splitter cleaned with pressurized air.
9. Chip Tray chips are collected from Retention bucket using a small plastic container.
10. Chips are then poured into ‘dry’ wire sieve to discard fine portion, the coarse material in dry strainer is poured into a second ‘wet’ sieve and washed in a 5 gallon bucket of water.
11. Once chips have been washed with ‘wet’ sieve, a smaller portion is catalogued in a chip tray with Sample ID and Interval marked.
12. Soil is collected from retention and put into a 40gram bag with sample ID written on bag for XRF analysis back at HQ using Bench-Top XRF in 3 beam (20sec-20sec-20sec) mode directly through sample bag.
13. Analytical Sample Barcode ID is entered into laptop with interval/descriptive info logged.
14. Analytical sample is placed into rice bag with client, Project code, Bag Series and number of samples written in marker on bag, 10 samples per bag then rice bag is sealed with zip tie and then security zip tie and ready for shipment.
15. Receive next sample.

RAB Drill Sampling Shift Schedule (12 hours):

1. Receive and set up sampling tent near new site while drill is being setup.
2. Collect Samples and log while drill is operating.
3. At end of shift all analytical samples are placed into rice bag with client, Project code, Bag Series and number of samples written in marker on bag, 10 samples per bag then rice bag is sealed with security zip tie and ready for shipment.
4. All retention samples are put into rice bags with client, Project code, Bag Series and number of samples written in marker on bag, 10 samples per bag then rice bag is sealed with zip tie and brought back to HQ for storage

RAB Drill Sampling Gear and Sampling Supplies Required at Site:

(not including actual RAB drilling gear).

1. Laptop for data download and logging .
2. 8x10 Wall Tent with poles, tie-down ropes/rebar stakes, Table, 2 chairs and kerosene heater.
3. Kerosene (20l) and Generator gas (20l), Generator spark plug/wrench and 1l 5w30 oil., 20l water.
4. 5 gallon buckets (4 for sample from cyclone, 1 for receiving retention from splitter, 1 filled with water to wash logging samples)
5. 2 metal wire sieves w/handles.
6. Rubber mallet to dislodge material in splitter
7. PPE: Hard Hats, Ear Protection, Eye protection, Masks

Sampling Supplies:

1. 12"x20" Ore bags: Retention Sample (65 required for 12h, 100m of drilling)
2. 12"x20" Ore bags: Analytical Sample (65 required for 12h, 100m drilling + QAQC samples)
3. Barcode Sample ID Tags (65 required for 12h)
4. Standard Zip Ties , 5": Retention + Analytical Samples (130 required for 12h, 100m drilling)
5. Rice Bag (6 for retention, 6 for analytical required for 12h, 100m of drilling)
6. Security Zip Ties for Rice Bag (6 required for 12h, 100m of drilling)
7. Chip trays (3 – 20 slot chip trays required for 12h, 100m drilling)

Appendix VII

Pacific Ridge - King Solomon Property RAB Drill Results									
Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1368285	KSDRAB14-01	0.00	1.52	10	strong	chloritic schist	py	chlorite, qtz, musco?, fe ox	0.058
1368286	KSDRAB14-01	1.52	3.05	20	strong	chloritic schist	py	qtz, chlorite, fe ox	0.071
1368287	KSDRAB14-01	3.05	4.57	20	moderate	chloritic schist	py	qtz, chlorite, fe ox	0.040
1368288	KSDRAB14-01	4.57	6.10	20	moderate	chloritic schist	py	qtz, chlorite, fe ox	0.072
1368289	KSDRAB14-01	6.10	7.62	20	moderate	chloritic schist	py	qtz, chlorite, fe ox	0.043
1368290	KSDRAB14-01	7.62	9.14	20	strong	chloritic schist	py	chlorite, qtz, musco?, fe ox	0.037
1368291	KSDRAB14-01	9.14	10.67	20	moderate	chloritic schist	py	qtz, chlorite, fe ox	0.027
1368292	KSDRAB14-01	10.67	12.19	20	weak	chloritic schist	py	qtz, chlorite, fe ox	0.024
1368293	KSDRAB14-01	12.19	13.72	20	moderate	chloritic schist	py	chlorite, qtz, musco?, fe ox	0.022
1368294	KSDRAB14-01	13.72	15.24	20	weak	chloritic schist	py	qtz, chlorite, fe ox	0.023
1368295	KSDRAB14-01	15.24	16.76	20	strong	chloritic schist	?	chlorite, qtz, musco?, fe ox	0.032
1368296	KSDRAB14-01	16.76	18.29	20	moderate	chloritic schist	py	qtz, chlorite, fe ox	0.017
1368297	KSDRAB14-01	18.29	19.81	20	moderate	chloritic schist	py	qtz, chlorite, fe ox	0.048
1368298	KSDRAB14-01	19.81	21.34	20	strong	chloritic schist	py	chlorite, qtz, musco?, fe ox	0.072
1368299	KSDRAB14-01	21.34	22.86	20	strong	chloritic schist	py	chlorite, qtz, musco?, fe ox	0.085
1368300	KSDRAB14-01	22.86	24.38	20	moderate	chloritic schist	py	qtz, chlorite, fe ox	0.059
1368302	KSDRAB14-01	24.38	25.91	20	weak	qtz vein	py	qtz, chlorite, fe ox	0.045
1368303	KSDRAB14-01	25.91	27.43	20	none	chloritic schist	py	chlorite, qtz	0.029
1368304	KSDRAB14-01	27.43	28.96	20	none	chloritic schist	py	chlorite, qtz	0.459
1368305	KSDRAB14-01	28.96	30.48	20	none	chloritic schist	py	chlorite, qtz	0.063
1368306	KSDRAB14-01	30.48	32.00	20	none	chloritic schist	py	chlorite, qtz	0.055

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1368307	KSDRAB14-01	32.00	33.53	20	none	chloritic schist	py	chlorite, qtz	2.999
1368308	KSDRAB14-01	33.53	35.05	20	none	chloritic schist	py	chlorite, qtz	0.059
1368309	KSDRAB14-01	35.05	36.58	20	none	chloritic schist	py	chlorite, qtz	0.024
1368310	KSDRAB14-01	36.58	38.10	20	moderate	chloritic schist	py	qtz, chlorite, fe ox	0.288
1368311	KSDRAB14-01	38.10	39.62	20	none	qtz vein	py	chlorite, qtz	0.052
1368312	KSDRAB14-01	39.62	41.15	20	none	qtz vein	py	chlorite, qtz	0.043
1368313	KSDRAB14-01	41.15	42.67	20	none	chloritic schist	py	chlorite, qtz	0.018
1368314	KSDRAB14-01	42.67	44.20	20	none	chloritic schist	py	chlorite, qtz	0.016
1368315	KSDRAB14-01	44.20	45.72	20	none	chloritic schist	py	chlorite, qtz	0.036
1368316	KSDRAB14-01	45.72	47.24	20	none	chloritic schist	py	chlorite, qtz	0.014
1368317	KSDRAB14-01	47.24	48.77	20	none	chloritic schist	py	chlorite, qtz	0.016
1368318	KSDRAB14-01	48.77	50.29	20	none	chloritic schist	py	chlorite, qtz	0.018
1368319	KSDRAB14-01	50.29	51.82	20	none	chloritic schist	py	chlorite, qtz	0.023
1368320	KSDRAB14-01	51.82	53.34	20	none	chloritic schist	py	chlorite, qtz	0.029
1368322	KSDRAB14-01	53.34	54.86	20	none	chloritic schist	py	chlorite, qtz	0.016
1368323	KSDRAB14-01	54.86	56.39	20	none	chloritic schist	py	chlorite, qtz	0.026
1368324	KSDRAB14-01	56.39	57.91	20	none	chloritic schist	py	chlorite, qtz	0.035
1368326	KSDRAB14-01	57.91	59.44	20	none	chloritic schist	py	chlorite, qtz	0.038
1368327	KSDRAB14-01	59.44	60.96	20	none	chloritic schist	py	chlorite, qtz	0.032
1368328	KSDRAB14-02	0.00	1.52	10	strong	chloritic schist	py	bt, qtz, chlorite, fe ox	0.028
1368329	KSDRAB14-02	1.52	3.05	20	strong	chloritic schist	py	bt, qtz, chlorite, fe ox	0.063
1368330	KSDRAB14-02	3.05	4.57	20	strong	chloritic schist	py	bt, qtz, chlorite, fe ox	0.051
1368331	KSDRAB14-02	4.57	6.10	20	strong	chloritic schist	py	bt, qtz, chlorite, fe ox	0.055
1368332	KSDRAB14-02	6.10	7.62	20	strong	chloritic schist	py	bt, qtz, chlorite, fe ox	0.051
1368333	KSDRAB14-02	7.62	9.14	20	strong	chloritic schist	py	qtz, musco, chlorite, fe ox	0.048
1368334	KSDRAB14-02	9.14	10.67	20	strong	chloritic schist	py	qtz, musco, chlorite, fe ox	0.081
1368335	KSDRAB14-02	10.67	12.19	20	strong	chloritic schist	py	chlorite, qtz. Fe ox	0.048

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1368336	KSDRAB14-02	12.19	13.72	20	strong	chloritic schist	py	chlorite, qtz. Fe ox	0.042
1368337	KSDRAB14-02	13.72	15.24	20	strong	qtz vein?	?	qtz, chlorite fe ox	0.109
1368338	KSDRAB14-02	15.24	16.76	20	strong	qtz vein?	py	qtz, chlorite fe ox	0.156
1368339	KSDRAB14-02	16.76	18.29	20	strong	qtz vein?	py	qtz, chlorite fe ox	0.203
1368340	KSDRAB14-02	18.29	19.81	20	strong	chloritic schist	py	chlorite, qtz. Fe ox	0.106
1368342	KSDRAB14-02	19.81	21.34	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.048
1368343	KSDRAB14-02	21.34	22.86	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.025
1368344	KSDRAB14-02	22.86	24.38	20	moderate	chloritic schist	py	chlorite, qtz. Fe ox	0.016
1368345	KSDRAB14-02	24.38	25.91	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.021
1368346	KSDRAB14-02	25.91	27.43	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.020
1368347	KSDRAB14-02	27.43	28.96	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.074
1368348	KSDRAB14-02	28.96	30.48	20	moderate	chloritic schist	py	chlorite, qtz. Fe ox	0.080
1368349	KSDRAB14-02	30.48	32.00	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.023
1368350	KSDRAB14-02	32.00	33.53	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.012
1368351	KSDRAB14-02	33.53	35.05	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.012
1368352	KSDRAB14-02	35.05	36.58	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.027
1368353	KSDRAB14-02	36.58	38.10	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.016
1368354	KSDRAB14-02	38.10	39.62	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.020
1368355	KSDRAB14-02	39.62	41.15	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.014
1368356	KSDRAB14-02	41.15	42.67	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.010
1368357	KSDRAB14-02	42.67	44.20	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.020
1368358	KSDRAB14-02	44.20	45.72	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.012
1368359	KSDRAB14-02	45.72	47.24	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.008
1368360	KSDRAB14-02	47.24	48.77	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.010
1368362	KSDRAB14-02	48.77	50.29	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.014
1368363	KSDRAB14-02	50.29	51.82	13	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.014
1368364	KSDRAB14-02	51.82	53.34	10	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.014

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1368365	KSDRAB14-02	53.34	54.86	10	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.016
1368366	KSDRAB14-02	54.86	56.39	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.014
1368367	KSDRAB14-02	56.39	57.91	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.018
1368368	KSDRAB14-02	57.91	59.44	15	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.018
1368369	KSDRAB14-02	59.44	60.96	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.017
1368370	KSDRAB14-02	60.96	62.48	20	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.013
1368371	KSDRAB14-02	62.48	64.01	8	weak	chloritic schist	py	chlorite, qtz. Fe ox	0.012
1394501	KSDRAB14-03	0.00	1.52	7	mod	chloritic schist	no	chlorite, bt, qtz, fe ox	0.016
1394502	KSDRAB14-03	1.52	3.05	18	mod	chloritic schist	no	chlorite, bt, qtz, fe ox	0.018
1394503	KSDRAB14-03	3.05	4.57	28	mod	chloritic schist	no	chlorite, bt, qtz, fe ox	0.010
1394504	KSDRAB14-03	4.57	6.10	20	weak	chloritic schist	no	chlorite, bt, qtz, fe ox	0.009
1394505	KSDRAB14-03	6.10	7.62	20	weak	chloritic schist	no	chlorite, bt, qtz, fe ox	0.005
1394506	KSDRAB14-03	7.62	9.14	20	strong	chloritic schist	no	chlorite, bt, qtz, fe ox	<0.005
1394507	KSDRAB14-03	9.14	10.67	20	strong	chloritic schist	no	chlorite, bt, qtz, fe ox	<0.005
1394508	KSDRAB14-03	10.67	12.19	20	weak	chloritic schist	no	chlorite, bt, qtz, fe ox	0.010
1394509	KSDRAB14-03	12.19	13.72	20	weak	chloritic schist	no	chlorite, bt, qtz, fe ox	0.009
1394510	KSDRAB14-03	13.72	15.24	20	weak	chloritic schist	no	chlorite, bt, qtz, fe ox	0.013
1394511	KSDRAB14-03	15.24	16.76	20	weak	chloritic schist	no	chlorite, bt, qtz, fe ox	0.007
1394512	KSDRAB14-03	16.76	18.29	20	weak	chloritic schist	no	chlorite, bt, qtz, fe ox	0.005
1394513	KSDRAB14-03	18.29	19.81	20	weak	chloritic schist	no	chlorite, bt, qtz, fe ox	0.015
1394514	KSDRAB14-03	19.81	21.34	20	weak	chloritic schist	no	chlorite, bt, qtz, fe ox	0.007
1394515	KSDRAB14-03	21.34	22.86	20	none	chloritic schist	no	chlorite, bt, qtz, fe ox	0.008
1394516	KSDRAB14-03	22.86	24.38	20	none	chloritic schist	py	chlorite, bt, qtz, fe ox	<0.005
1394517	KSDRAB14-03	24.38	25.91	20	none	chloritic schist	py	chlorite, bt, qtz, fe ox	0.013
1394518	KSDRAB14-03	25.91	27.43	20	strong	qtz vein	py	chlorite, bt, qtz, fe ox	0.006
1394519	KSDRAB14-03	27.43	28.96	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	<0.005
1394520	KSDRAB14-03	28.96	30.48	20	mod	chloritic schist	py	chlorite, bt, qtz, fe ox	0.033

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1394522	KSDRAB14-03	30.48	32.00	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.025
1394523	KSDRAB14-03	32.00	33.53	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.013
1394524	KSDRAB14-03	33.53	35.05	20	mod	chloritic schist	py	chlorite, bt, qtz, fe ox	0.408
1394526	KSDRAB14-03	35.05	36.58	20	none	chloritic schist	py	chlorite, bt, qtz, fe ox	0.011
1394527	KSDRAB14-03	36.58	38.10	20	none	chloritic schist	py	chlorite, bt, qtz, fe ox	0.069
1394528	KSDRAB14-03	38.10	39.62	20	none	chloritic schist	py	chlorite, bt, qtz, fe ox	0.148
1394529	KSDRAB14-03	39.62	41.15	20	none	chloritic schist	py	chlorite, bt, qtz, fe ox	0.409
1394530	KSDRAB14-03	41.15	42.67	20	none	chloritic schist	py	chlorite, bt, qtz, fe ox	0.132
1394531	KSDRAB14-03	42.67	44.20	20	none	chloritic schist	?	chlorite, bt, qtz	0.009
1394532	KSDRAB14-03	44.20	45.72	20	none	chloritic schist	py	chlorite, bt, qtz	0.012
1394533	KSDRAB14-03	45.72	47.24	20	none	chloritic schist	py	chlorite, bt, qtz	0.017
1394534	KSDRAB14-03	47.24	48.77	20	none	chloritic schist	py	chlorite, bt, qtz	0.016
1394535	KSDRAB14-03	48.77	50.29	20	none	chloritic schist	py	chlorite, bt, qtz	0.008
1394536	KSDRAB14-03	50.29	51.82	20	none	chloritic schist	py	chlorite, bt, qtz	0.007
1394537	KSDRAB14-03	51.82	53.34	20	none	chloritic schist	py	chlorite, bt, qtz	0.011
1394538	KSDRAB14-03	53.34	54.86	20	none	chloritic schist	py	chlorite, bt, qtz	0.011
1394539	KSDRAB14-03	54.86	56.39	20	none	chloritic schist	py	chlorite, bt, qtz	0.015
1394540	KSDRAB14-03	56.39	57.91	20	none	chloritic schist	py	chlorite, bt, qtz	0.015
1394542	KSDRAB14-03	57.91	59.44	20	none	chloritic schist	py	chlorite, bt, qtz	0.012
1394543	KSDRAB14-03	59.44	60.96	20	none	chloritic schist	py	chlorite, bt, qtz	0.021
1394544	KSDRAB14-03	60.96	62.48	20	none	chloritic schist	py	chlorite, bt, qtz	0.023
1394545	KSDRAB14-03	62.48	64.01	20	none	chloritic schist	py	chlorite, bt, qtz	0.010
1394546	KSDRAB14-03	64.01	65.53	15	none	chloritic schist	py	chlorite, bt, qtz	0.014
1394547	KSDRAB14-03	65.53	67.06	12	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.074
1394548	KSDRAB14-03	67.06	68.58	6	weak	qtz vein?	py	chlorite, bt, qtz, fe ox	0.183
1368376	KSDRAB14-04	0.00	1.52	20	strong	chloritic schist	py	qtz, chlorite, musco, phlogo, fe ox	0.045
1368377	KSDRAB14-04	1.52	3.05	20	strong	chloritic schist	py	qtz, chlorite, musco, phlogo, fe ox	0.041

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1368378	KSDRAB14-04	3.05	4.57	20	moderate	chloritic schist	py	qtz, chlorite, musco, phlogo, fe ox	0.138
1368379	KSDRAB14-04	4.57	6.10	20	moderate	chloritic schist	py	qtz, chlorite, musco, phlogo, fe ox	0.058
1368380	KSDRAB14-04	6.10	7.62	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.036
1368382	KSDRAB14-04	7.62	9.14	20	moderate	qtz vein?	py	qtz, chlorite, fe ox	0.018
1368383	KSDRAB14-04	9.14	10.67	20	strong	qtz vein	py	qtz, chlorite, fe ox	0.019
1368384	KSDRAB14-04	10.67	12.19	20	strong	qtz vein	py	qtz, chlorite, fe ox	0.013
1368385	KSDRAB14-04	12.19	13.72	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.137
1368386	KSDRAB14-04	13.72	15.24	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.016
1368387	KSDRAB14-04	15.24	16.76	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.053
1368388	KSDRAB14-04	16.76	18.29	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.044
1368389	KSDRAB14-04	18.29	19.81	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.024
1368390	KSDRAB14-04	19.81	21.34	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.021
1368391	KSDRAB14-04	21.34	22.86	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.027
1368392	KSDRAB14-04	22.86	24.38	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.268
1368393	KSDRAB14-04	24.38	25.91	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.065
1368394	KSDRAB14-04	25.91	27.43	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.015
1368395	KSDRAB14-04	27.43	28.96	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.010
1368396	KSDRAB14-04	28.96	30.48	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.010
1368397	KSDRAB14-04	30.48	32.00	20	weak	qtz vein	py	qtz, chlorite, fe ox	0.160
1368398	KSDRAB14-04	32.00	33.53	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.023
1368399	KSDRAB14-04	33.53	35.05	20	none	chloritic schist	py	bt, chlorite, qtz	0.006
1368400	KSDRAB14-04	35.05	36.58	20	none	chloritic schist	py	bt, chlorite, qtz	0.195
1368402	KSDRAB14-04	36.58	38.10	20	none	chloritic schist	py	bt, chlorite, qtz	0.019
1368403	KSDRAB14-04	38.10	39.62	20	none	chloritic schist	py	bt, chlorite, qtz	0.014
1368404	KSDRAB14-04	39.62	41.15	20	none	chloritic schist	py	bt, chlorite, qtz	0.008
1368405	KSDRAB14-04	41.15	42.67	20	none	chloritic schist	py	bt, chlorite, qtz	0.007
1368406	KSDRAB14-04	42.67	44.20	20	none	chloritic schist	py	bt, chlorite, qtz	0.007

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1368407	KSDRAB14-04	44.20	45.72	20	none	chloritic schist	py	bt, chlorite, qtz	0.017
1368408	KSDRAB14-04	45.72	47.24	20	none	chloritic schist	py	bt, chlorite, qtz	0.009
1368409	KSDRAB14-04	47.24	48.77	20	none	chloritic schist	py	bt, chlorite, qtz	0.013
1368410	KSDRAB14-04	48.77	50.29	20	none	chloritic schist	py	bt, chlorite, qtz	0.012
1368411	KSDRAB14-04	50.29	51.82	20	none	chloritic schist	py	bt, chlorite, qtz	0.015
1368412	KSDRAB14-04	51.82	53.34	20	none	chloritic schist	py	bt, chlorite, qtz	0.013
1368413	KSDRAB14-04	53.34	54.86	20	none	chloritic schist	py	bt, chlorite, qtz	0.012
1368414	KSDRAB14-04	54.86	56.39	20	none	chloritic schist	py	bt, chlorite, qtz	0.012
1368415	KSDRAB14-04	56.39	57.91	20	none	chloritic schist	py	bt, chlorite, qtz	0.014
1368416	KSDRAB14-04	57.91	59.44	20	none	chloritic schist	py	bt, chlorite, qtz	0.010
1368417	KSDRAB14-04	59.44	60.96	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.017
1368418	KSDRAB14-04	60.96	62.48	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.015
1368419	KSDRAB14-04	62.48	64.01	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.012
1368420	KSDRAB14-04	64.01	65.53	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.024
1368421	KSDRAB14-04	65.53	67.06	20	none	chloritic schist	py	bt, chlorite, qtz	<0.005
1368422	KSDRAB14-04	67.06	68.58	20	none	chloritic schist	py	bt, chlorite, qtz	0.007
1368423	KSDRAB14-04	68.58	70.10	20	none	chloritic schist	py	bt, chlorite, qtz	0.040
1368424	KSDRAB14-04	70.10	71.63	20	none	chloritic schist	py	bt, chlorite, qtz	0.012
1352951	KSDRAB14-05	0.00	1.52	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.037
1352952	KSDRAB14-05	1.52	3.05	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.049
1352953	KSDRAB14-05	3.05	4.57	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.284
1352954	KSDRAB14-05	4.57	6.10	20	moderate	chloritic schist	py	muscovite, bt, chlorite, qtz, fe ox	0.017
1352955	KSDRAB14-05	6.10	7.62	20	weak	chloritic schist	py	sericite, bt, chlorite, qtz, fe ox	0.016
1352956	KSDRAB14-05	7.62	9.14	20	weak	chloritic schist	py	sericite, bt, chlorite, qtz, fe ox	0.035
1352957	KSDRAB14-05	9.14	10.67	20	weak	chloritic schist	py	sericite, bt, chlorite, qtz, fe ox	0.121
1352958	KSDRAB14-05	10.67	12.19	20	weak	chloritic schist	py	sericite, bt, chlorite, qtz, fe ox	0.073
1352959	KSDRAB14-05	12.19	13.72	20	weak	chloritic schist	py	sericite, bt, chlorite, qtz, fe ox	0.113

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1352960	KSDRAB14-05	13.72	15.24	20	weak	chloritic schist	py	sericite, bt, chlorite, qtz, fe ox	0.025
1352962	KSDRAB14-05	15.24	16.76	20	weak	chloritic schist	py	sericite, bt, chlorite, qtz, fe ox	0.114
1352963	KSDRAB14-05	16.76	18.29	20	weak	chloritic schist	py	sericite, bt, chlorite, qtz, fe ox	0.070
1352964	KSDRAB14-05	18.29	19.81	20	weak	chloritic schist	py	sericite, bt, chlorite, qtz, fe ox	0.026
1352965	KSDRAB14-05	19.81	21.34	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.018
1352966	KSDRAB14-05	21.34	22.86	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.057
1352967	KSDRAB14-05	22.86	24.38	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.209
1352968	KSDRAB14-05	24.38	25.91	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.030
1352969	KSDRAB14-05	25.91	27.43	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.502
1352970	KSDRAB14-05	27.43	28.96	20	strong	chloritic schist	py	bt, chlorite, qtz, fe ox	0.178
1352971	KSDRAB14-05	28.96	30.48	20	strong	chloritic schist	py	bt, chlorite, qtz, fe ox	0.029
1352972	KSDRAB14-05	30.48	32.00	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.046
1352973	KSDRAB14-05	32.00	33.53	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.015
1352974	KSDRAB14-05	33.53	35.05	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.022
1352976	KSDRAB14-05	35.05	36.58	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.019
1352977	KSDRAB14-05	36.58	38.10	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.023
1352978	KSDRAB14-05	38.10	39.62	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.014
1352979	KSDRAB14-05	39.62	41.15	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.010
1352980	KSDRAB14-05	41.15	42.67	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.007
1352982	KSDRAB14-05	42.67	44.20	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.009
1352983	KSDRAB14-05	44.20	45.72	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.310
1352984	KSDRAB14-05	45.72	47.24	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.021
1352985	KSDRAB14-05	47.24	48.77	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.018
1352986	KSDRAB14-05	48.77	50.29	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.016
1352987	KSDRAB14-05	50.29	51.82	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.010
1352988	KSDRAB14-05	51.82	53.34	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.091
1352989	KSDRAB14-05	53.34	54.86	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.178

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1352990	KSDRAB14-05	54.86	56.39	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.078
1352991	KSDRAB14-05	56.39	57.91	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.019
1352992	KSDRAB14-05	57.91	59.44	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.029
1352993	KSDRAB14-05	59.44	60.96	20	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.010
1345426	KSDRAB14-06	0.00	1.52	9	strong	chloritic schist	py	bt, chlorite, qtz, fe ox	0.026
1345427	KSDRAB14-06	1.52	3.05	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.005
1345428	KSDRAB14-06	3.05	4.57	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	<0.005
1345429	KSDRAB14-06	4.57	6.10	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.011
1345430	KSDRAB14-06	6.10	7.62	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.025
1345431	KSDRAB14-06	7.62	9.14	20	moderate	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.007
1345432	KSDRAB14-06	9.14	10.67	20	moderate	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	<0.005
1345433	KSDRAB14-06	10.67	12.19	20	moderate	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.008
1345434	KSDRAB14-06	12.19	13.72	20	strong	chloritic schist	py	bt, chlorite, qtz, fe ox	0.557
1345435	KSDRAB14-06	13.72	15.24	20	strong	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.011
1368436	KSDRAB14-06	15.24	16.76	20	strong	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	7.678
1368437	KSDRAB14-06	16.76	18.29	20	moderate	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.097
1368438	KSDRAB14-06	18.29	19.81	20	moderate	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.021
1368439	KSDRAB14-06	19.81	21.34	20	strong	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.034
1368440	KSDRAB14-06	21.34	22.86	20	strong	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.025
1368442	KSDRAB14-06	22.86	24.38	20	strong	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.053
1368443	KSDRAB14-06	24.38	25.91	20	strong	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.056
1368444	KSDRAB14-06	25.91	27.43	20	strong	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.041
1368445	KSDRAB14-06	27.43	28.96	20	strong	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.045
1368446	KSDRAB14-06	28.96	30.48	20	strong	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.057
1368447	KSDRAB14-06	30.48	32.00	20	moderate	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.058
1368448	KSDRAB14-06	32.00	33.53	20	moderate	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.052
1368449	KSDRAB14-06	33.53	35.05	20	weak	chloritic schist	py	qtz, chlorite, bt, fe ox	0.046

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1368450	KSDRAB14-06	35.05	36.58	20	moderate	chloritic schist	py	qtz, chlorite, bt, fe ox	0.031
1368451	KSDRAB14-06	36.58	38.10	20	weak	chloritic schist	py	qtz, chlorite, bt, fe ox	0.059
1368452	KSDRAB14-06	38.10	39.62	20	weak	chloritic schist	py	qtz, chlorite, bt, fe ox	0.074
1368453	KSDRAB14-06	39.62	41.15	20	weak	chloritic schist	py	qtz, chlorite, bt, fe ox	0.111
1368454	KSDRAB14-06	41.15	42.67	20	weak	chloritic schist	py	qtz, chlorite, bt, fe ox	0.107
1368455	KSDRAB14-06	42.67	44.20	20	moderate	chloritic schist	py	qtz, chlorite, bt, fe ox	0.057
1368456	KSDRAB14-06	44.20	45.72	20	strong	chloritic schist	py	chlorite, sericite, bt, qtz, fe ox	0.168
1368457	KSDRAB14-06	45.72	47.24	20	weak	chloritic schist	py	bt, qtz. Fe ox	0.055
1368458	KSDRAB14-06	47.24	48.77	20	weak	chloritic schist	py	qtz, chlorite, bt, fe ox	0.038
1368459	KSDRAB14-06	48.77	50.29	20	weak	chloritic schist	py	qtz, chlorite, bt, fe ox	0.177
1368460	KSDRAB14-06	50.29	51.82	20	moderate	chloritic schist	py	qtz, chlorite, bt, fe ox	0.262
1368462	KSDRAB14-06	51.82	53.34	20	moderate	chloritic schist	py	qtz, chlorite, bt, fe ox	0.479
1368463	KSDRAB14-06	53.34	54.86	20	weak	chloritic schist	py	qtz, chlorite, bt, fe ox	0.232
1368464	KSDRAB14-06	54.86	56.39	20	weak	chloritic schist	py	bt, muscovite, qtz, fe ox	0.078
1368465	KSDRAB14-06	56.39	57.91	20	weak	chloritic schist	py	bt, muscovite, qtz, fe ox	0.061
1368466	KSDRAB14-06	57.91	59.44	20	moderate	chloritic schist	py	bt, muscovite, qtz, fe ox	0.115
1368467	KSDRAB14-06	59.44	60.96	20	strong	chloritic schist	py	bt, muscovite, qtz, fe ox	0.164
1352876	KSDRAB14-07	0.00	1.52	12	moderate	chloritic schist	py	chlorite, qtz, bt, fe ox, micas	0.027
1352877	KSDRAB14-07	1.52	3.05	20	moderate	chloritic schist	py	chlorite, qtz, bt, fe ox, micas	0.036
1352878	KSDRAB14-07	3.05	4.57	20	weak	chloritic schist	py	chlorite, qtz, bt, fe ox, micas	0.017
1352879	KSDRAB14-07	4.57	6.10	20	weak	chloritic schist	py	chlorite, qtz, bt, fe ox, micas	0.024
1352880	KSDRAB14-07	6.10	7.62	20	weak	chloritic schist	py	chlorite, qtz, bt, fe ox, micas	0.011
1352882	KSDRAB14-07	7.62	9.14	20	weak	chloritic schist	py	chlorite, qtz, bt, fe ox, micas	0.015
1352883	KSDRAB14-07	9.14	10.67	20	weak	chloritic schist	py	chlorite, qtz, bt, fe ox, micas	0.039
1352884	KSDRAB14-07	10.67	12.19	20	weak	chloritic schist	py	chlorite, qtz, bt, fe ox, micas	0.031
1352885	KSDRAB14-07	12.19	13.72	20	weak	chloritic schist	py	chlorite, qtz, bt, fe ox, micas	0.023
1352886	KSDRAB14-07	13.72	15.24	20	weak	chloritic schist	py	chlorite, qtz, bt, fe ox, micas	0.033

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1352887	KSDRAB14-07	15.24	16.76	20	none	bt schist	py	bt, qtz	0.010
1352888	KSDRAB14-07	16.76	18.29	20	none	graphitic schist	py	graphite, qtz, py	0.011
1352889	KSDRAB14-07	18.29	19.81	20	none	graphitic schist	py	graphite, qtz, py	0.015
1352890	KSDRAB14-07	19.81	21.34	20	none	graphitic schist	py	graphite, qtz, py	0.006
1352891	KSDRAB14-07	21.34	22.86	20	none	graphitic schist	py	graphite, qtz, py	<0.005
1352892	KSDRAB14-07	22.86	24.38	20	none	graphitic schist	py	graphite, chlorite, qtz,	<0.005
1352893	KSDRAB14-07	24.38	25.91	20	none	graphitic schist	py	graphite, chlorite, qtz,	<0.005
1352894	KSDRAB14-07	25.91	27.43	20	none	chloritic schist	py	graphite, chlorite, qtz,	<0.005
1352895	KSDRAB14-07	27.43	28.96	20	weak	chloritic schist	py	chlorite, qtz, graphite, fe ox	<0.005
1352896	KSDRAB14-07	28.96	30.48	20	weak	chloritic schist	py	chlorite, qtz, graphite, fe ox	<0.005
1352897	KSDRAB14-07	30.48	32.00	10	none	chloritic schist	py	chlorite, qtz, graphite, fe ox	0.006
1352898	KSDRAB14-07	32.00	33.53	10	none	chloritic schist	py	chlorite, qtz, graphite, fe ox	<0.005
1352899	KSDRAB14-07	33.53	35.05	10	none	chloritic schist	py	chlorite, qtz, graphite, fe ox	0.007
1352900	KSDRAB14-07	35.05	36.58	10	none	chloritic schist	py	chlorite, qtz, graphite	0.010
1352902	KSDRAB14-07	36.58	38.10	10	none	chloritic schist	py	chlorite, qtz	0.007
1352903	KSDRAB14-07	38.10	39.62	10	none	chloritic schist	py	chlorite, qtz	0.006
1352904	KSDRAB14-07	39.62	41.15	10	none	chloritic schist	py	chlorite, qtz	<0.005
1352905	KSDRAB14-07	41.15	42.67	10	weak	chloritic schist	py	chlorite, qtz	0.006
1352906	KSDRAB14-07	42.67	44.20	10	moderate	chloritic schist	py	chlorite, qtz, fe ox	<0.005
1352907	KSDRAB14-07	44.20	45.72	10	moderate	chloritic schist	py	chlorite, qtz, fe ox	<0.005
1352908	KSDRAB14-07	45.72	47.24	10	moderate	chloritic schist	py	chlorite, qtz, fe ox	<0.005
1352909	KSDRAB14-07	47.24	48.77	10	moderate	chloritic schist	py	chlorite, qtz, fe ox	<0.005
1352910	KSDRAB14-07	48.77	50.29	10	moderate	chloritic schist	py	chlorite, qtz, fe ox	0.007
1352911	KSDRAB14-07	50.29	51.82	10	moderate	chloritic schist	py	chlorite, qtz, fe ox	0.006
1394551	KSDRAB14-08	0.00	1.52	8	none	grey schist	no	?	0.356
1394552	KSDRAB14-08	1.52	3.05	17	none	grey schist	no	?	0.018
1394553	KSDRAB14-08	3.05	4.57	20	none	grey schist	no	?	0.012

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1394554	KSDRAB14-08	4.57	6.10	20	none	grey schist	no	?	0.013
1394555	KSDRAB14-08	6.10	7.62	20	none	grey schist	no	?	0.009
1394556	KSDRAB14-08	7.62	9.14	20	none	grey schist	no	?	1.066
1394557	KSDRAB14-08	9.14	10.67	20	none	grey schist	no	?	0.171
1394558	KSDRAB14-08	10.67	12.19	20	none	grey schist	py	qtz, bt, musco, chlorite	0.014
1394559	KSDRAB14-08	12.19	13.72	20	none	qtz vein?	py	qtz, bt, musco, chlorite	0.011
1394560	KSDRAB14-08	13.72	15.24	20	none	metaschist	py	qtz, bt, musco, chlorite	0.012
1394562	KSDRAB14-08	15.24	16.76	20	none	metaschist	py	qtz, bt, musco, chlorite	0.014
1394563	KSDRAB14-08	16.76	18.29	20	none	metaschist	py	qtz, bt, musco, chlorite	0.012
1394564	KSDRAB14-08	18.29	19.81	20	none	metaschist	py	qtz, bt, musco, chlorite	0.010
1394565	KSDRAB14-08	19.81	21.34	20	weak	metaschist	py	qtz, bt, musco, chlorite	0.030
1394566	KSDRAB14-08	21.34	22.86	20	mod	metaschist	py	qtz, bt, musco, chlorite	0.040
1394567	KSDRAB14-08	22.86	24.38	20	mod	metaschist	py	qtz, bt, musco, chlorite	0.042
1394568	KSDRAB14-08	24.38	25.91	20	strong	metaschist	py	bt, qtz, chlorite, fe ox	0.042
1394569	KSDRAB14-08	25.91	27.43	20	strong	metaschist	py	bt, qtz, chlorite, fe ox	1.366
1394570	KSDRAB14-08	27.43	28.96	20	strong	metaschist	py	bt, qtz, chlorite, fe ox	0.672
1394571	KSDRAB14-08	28.96	30.48	20	none	metaschist	py	bt, qtz, chlorite, fe ox	0.167
1394572	KSDRAB14-08	30.48	32.00	20	none	metaschist	py	qtz, bt, musco, chlorite	0.056
1394573	KSDRAB14-08	32.00	33.53	20	none	metaschist	py	qtz, bt, musco, chlorite	0.019
1394574	KSDRAB14-08	33.53	35.05	20	none	metaschist	py	qtz, bt, musco, chlorite	0.177
1394576	KSDRAB14-08	35.05	36.58	20	none	metaschist	py	qtz, bt, musco, chlorite	0.026
1394577	KSDRAB14-08	36.58	38.10	20	none	metaschist	py	qtz, bt, musco, chlorite	1.053
1394578	KSDRAB14-08	38.10	39.62	20	none	metaschist	?	qtz, bt, musco, chlorite	0.182
1394579	KSDRAB14-08	39.62	41.15	20	none	metaschist	?	qtz, bt, musco, chlorite	0.098
1394580	KSDRAB14-08	41.15	42.67	20	none	metaschist	?	qtz, bt, musco, chlorite	0.076
1394582	KSDRAB14-08	42.67	44.20	20	none	metaschist	?	qtz, bt, musco, chlorite	0.052
1394583	KSDRAB14-08	44.20	45.72	20	none	metaschist	?	qtz, bt, musco, chlorite	0.163

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1394584	KSDRAB14-08	45.72	47.24	20	mod	metaschist	?	qtz, bt, musco, chlorite	0.089
1394585	KSDRAB14-08	47.24	48.77	20	none	metaschist	?	qtz, bt, musco, chlorite	0.043
1394586	KSDRAB14-08	48.77	50.29	20	none	metaschist	?	qtz, bt, musco, chlorite	0.018
1394587	KSDRAB14-08	50.29	51.82	20	none	metaschist	?	qtz, bt, musco, chlorite	0.010
1394588	KSDRAB14-08	51.82	53.34	20	none	metaschist	?	qtz, bt, musco, chlorite	0.007
1394589	KSDRAB14-08	53.34	54.86	20	weak	metaschist	py	qtz, bt, musco, chlorite	0.012
1394590	KSDRAB14-08	54.86	56.39	20	mod	metaschist	?	qtz, bt, musco, chlorite	0.034
1394591	KSDRAB14-08	56.39	57.91	20	mod	metaschist	?	qtz, bt, musco, chlorite	0.020
1394592	KSDRAB14-08	57.91	59.44	10	mod	metaschist	py	qtz, bt, musco, chlorite	0.029
1394593	KSDRAB14-08	59.44	60.96	10	mod	metaschist	?	qtz, bt, musco, chlorite	0.080
1394594	KSDRAB14-08	60.96	62.48	9	none	metaschist	?	qtz, bt, musco, chlorite	0.028
1394595	KSDRAB14-08	62.48	64.01	9	none	metaschist	?	qtz, bt, musco, chlorite	0.027
1394596	KSDRAB14-08	64.01	65.53	9	none	metaschist	?	qtz, bt, musco, chlorite	0.043
1394597	KSDRAB14-08	65.53	67.06	9	none	metaschist	?	qtz, bt, musco, chlorite	0.331
1394598	KSDRAB14-08	67.06	68.58	9	none	metaschist	?	qtz, bt, musco, chlorite	0.028
1394601	KSDRAB14-09	0.00	1.52	20	moderate	metaschist	?	qtz, bt, micas	0.171
1394602	KSDRAB14-09	1.52	3.05	20	weak	metaschist	?	qtz, bt, micas	0.016
1394603	KSDRAB14-09	3.05	4.57	20	weak	metaschist	?	qtz, bt, micas	0.009
1394604	KSDRAB14-09	4.57	6.10	20	moderate	metaschist	?	qtz, bt, micas	0.170
1394605	KSDRAB14-09	6.10	7.62	20	weak	metaschist	?	qtz, bt, micas	0.042
1394606	KSDRAB14-09	7.62	9.14	20	moderate	metaschist	?	qtz, bt, micas	0.053
1394607	KSDRAB14-09	9.14	10.67	20	weak	metaschist	?	qtz, bt, micas	0.006
1394608	KSDRAB14-09	10.67	12.19	20	weak	metaschist	?	qtz, bt, micas	0.007
1394609	KSDRAB14-09	12.19	13.72	20	moderate	metaschist	?	qtz, bt, micas	0.012
1394610	KSDRAB14-09	13.72	15.24	20	weak	metaschist	?	qtz, bt, micas	0.008
1394611	KSDRAB14-09	15.24	16.76	20	weak	metaschist	?	qtz, bt, micas	0.013
1394612	KSDRAB14-09	16.76	18.29	20	moderate	metaschist	?	qtz, bt, micas	0.700

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1394613	KSDRAB14-09	18.29	19.81	20	weak	metaschist	?	qtz, bt, micas	0.029
1394614	KSDRAB14-09	19.81	21.34	20	weak	metaschist	?	qtz, bt, micas	0.036
1394615	KSDRAB14-09	21.34	22.86	20	weak	metaschist	?	qtz, bt, micas	0.017
1394616	KSDRAB14-09	22.86	24.38	20	weak	metaschist	?	qtz, bt, micas	0.032
1394617	KSDRAB14-09	24.38	25.91	20	moderate	metaschist	?	qtz, bt, micas	0.170
1394618	KSDRAB14-09	25.91	27.43	20	weak	metaschist	?	qtz, bt, micas	0.064
1394619	KSDRAB14-09	27.43	28.96	20	weak	metaschist	?	qtz, bt, micas	0.017
1394620	KSDRAB14-09	28.96	30.48	20	weak	metaschist	?	qtz, bt, micas	0.012
1394622	KSDRAB14-09	30.48	32.00	20	weak	metaschist	?	qtz, bt, micas	0.013
1394623	KSDRAB14-09	32.00	33.53	20	moderate	metaschist	?	qtz, bt, micas	0.016
1394624	KSDRAB14-09	33.53	35.05	20	moderate	metaschist	?	qtz, bt, micas	0.079
1394626	KSDRAB14-09	35.05	36.58	17	weak	metaschist	?	qtz, bt, micas	0.023
1394627	KSDRAB14-09	36.58	38.10	18	weak	metaschist	?	qtz, bt, micas	0.281
1394628	KSDRAB14-09	38.10	39.62	10	moderate	metaschist	?	qtz, bt, micas	0.142
1394629	KSDRAB14-09	39.62	41.15	20	none	metaschist	?	qtz, bt, micas	0.279
1394630	KSDRAB14-09	41.15	42.67	20	none	metaschist	?	qtz, bt, micas	0.075
1394631	KSDRAB14-09	42.67	44.20	35	none	metaschist	?	qtz, bt, micas	0.019
1394632	KSDRAB14-09	44.20	45.72	35	none	metaschist	?	qtz, bt, micas	0.039
1394633	KSDRAB14-09	45.72	47.24	35	none	metaschist	?	qtz, bt, micas	0.020
1394634	KSDRAB14-09	47.24	48.77	35	none	metaschist	?	qtz, bt, micas	0.026
1394635	KSDRAB14-09	48.77	50.29	35	none	metaschist	?	qtz, bt, micas	0.013
1394636	KSDRAB14-09	50.29	51.82	35	none	metaschist	?	qtz, bt, micas	0.012
1394637	KSDRAB14-09	51.82	53.34	35	none	metaschist	?	qtz, bt, micas	0.021
1394638	KSDRAB14-09	53.34	54.86	35	none	metaschist	?	qtz, bt, micas	0.009
1394639	KSDRAB14-09	54.86	56.39	35	none	metaschist	?	qtz, bt, micas	0.015
1394640	KSDRAB14-09	56.39	57.91	35	none	metaschist	?	qtz, bt, micas	0.013
1394642	KSDRAB14-09	57.91	59.44	20	none	metaschist	?	qtz, bt, micas	0.010

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1394643	KSDRAB14-09	59.44	60.96	20	none	metaschist	?	qtz, bt, micas	0.010
1394644	KSDRAB14-09	60.96	62.48	6	none	metaschist	?	qtz, bt, micas	0.018
1394645	KSDRAB14-09	62.48	64.01	8	none	metaschist	?	qtz, bt, micas	0.211
1394646	KSDRAB14-09	64.01	65.53	12	none	metaschist	?	qtz, bt, micas	0.353
1394647	KSDRAB14-09	65.53	67.06	10	none	metaschist	?	qtz, bt, micas	0.045
1394648	KSDRAB14-09	67.06	68.58	10	none	metaschist	?	qtz, bt, micas	0.027
1394686	KSDRAB14-10	0.00	1.52	7	strong	metaschist	?	bt, musco, chlorite, qtz, fe ox	0.123
1394687	KSDRAB14-10	1.52	3.05	20	strong	metaschist	?	bt, musco, chlorite, qtz, fe ox	0.204
1394688	KSDRAB14-10	3.05	4.57	35	strong	chloritic schist	?	bt, musco, chlorite, qtz, fe ox	0.087
1394689	KSDRAB14-10	4.57	6.10	20	strong	chloritic schist	py	chlorite, bt, qtz, fe ox	0.019
1394690	KSDRAB14-10	6.10	7.62	20	mod	qtz vein	py	qtz, chlorite, fe ox	0.008
1394691	KSDRAB14-10	7.62	9.14	20	mod	chloritic schist	py	qtz, chlorite, fe ox	0.019
1394692	KSDRAB14-10	9.14	10.67	20	mod	chloritic schist	py	qtz, chlorite, fe ox	0.052
1394693	KSDRAB14-10	10.67	12.19	20	strong	chloritic schist	py	qtz, chlorite, fe ox	0.115
1394694	KSDRAB14-10	12.19	13.72	20	mod	chloritic schist	py	qtz, chlorite, fe ox	0.011
1394695	KSDRAB14-10	13.72	15.24	20	none	chloritic schist	py	chlorite, qtz	0.013
1394696	KSDRAB14-10	15.24	16.76	20	mod	chloritic schist	py	qtz, chlorite, fe ox	0.010
1394697	KSDRAB14-10	16.76	18.29	20	strong	chloritic schist	py	qtz, chlorite, fe ox	0.013
1394698	KSDRAB14-10	18.29	19.81	20	strong	chloritic schist	py	qtz, chlorite, fe ox	0.427
1394699	KSDRAB14-10	19.81	21.34	20	strong	chloritic schist	py	qtz, chlorite, fe ox	0.175
1394700	KSDRAB14-10	21.34	22.86	17	weak	chloritic schist	py	qtz, chlorite, fe ox	0.028
1394702	KSDRAB14-10	22.86	24.38	20	weak	chloritic schist	py	qtz, chlorite, fe ox	0.068
1394703	KSDRAB14-10	24.38	25.91	20	mod	chloritic schist	py	qtz, chlorite, fe ox	0.025
1394704	KSDRAB14-10	25.91	27.43	20	mod	chloritic schist	py	qtz, chlorite, fe ox	0.121
1394705	KSDRAB14-10	27.43	28.96	13	weak	chloritic schist	py	qtz, chlorite, fe ox	0.135
1394706	KSDRAB14-10	28.96	30.48	5	weak	chloritic schist	py	qtz, chlorite, fe ox	0.039
1394707	KSDRAB14-10	30.48	32.00	5	weak	chloritic schist	py	qtz, chlorite, fe ox	0.044

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1394651	KSDRAB14-11	0.00	1.52	11	strong	bt schist	py	micas,qtz, fe ox	0.029
1394652	KSDRAB14-11	1.52	3.05	18	strong	chloritic schist	py	micas,qtz, fe ox	0.063
1394653	KSDRAB14-11	3.05	4.57	35	mod	chloritic schist	py	micas,qtz, fe ox	0.035
1394654	KSDRAB14-11	4.57	6.10	20	mod	chloritic schist	py	micas,qtz, fe ox	0.011
1394655	KSDRAB14-11	6.10	7.62	18	weak	chloritic schist	py	micas,qtz, fe ox	<0.005
1394656	KSDRAB14-11	7.62	9.14	20	mod	chloritic schist	py	micas,qtz, fe ox	0.009
1394657	KSDRAB14-11	9.14	10.67	20	mod	chloritic schist	py	micas,qtz, fe ox	0.019
1394658	KSDRAB14-11	10.67	12.19	20	mod	chloritic schist	py	micas,qtz, fe ox	0.028
1394659	KSDRAB14-11	12.19	13.72	20	mod	chloritic schist	py	micas,qtz, fe ox	0.021
1394660	KSDRAB14-11	13.72	15.24	20	weak	chloritic schist	py	micas,qtz, fe ox	0.029
1394662	KSDRAB14-11	15.24	16.76	20	strong	chloritic schist	py	micas,qtz, fe ox	0.295
1394663	KSDRAB14-11	16.76	18.29	7	strong	chloritic schist	py	micas,qtz, fe ox	0.130
1394664	KSDRAB14-11	18.29	19.81	20	weak	chloritic schist	py	micas,qtz, fe ox	0.025
1394665	KSDRAB14-11	19.81	21.34	20	weak	chloritic schist	py	micas,qtz, fe ox	0.023
1394666	KSDRAB14-11	21.34	22.86	20	weak	bt schist	py	micas,qtz, fe ox	0.024
1394667	KSDRAB14-11	22.86	24.38	20	weak	bt schist	py	micas,qtz, fe ox	0.025
1394668	KSDRAB14-11	24.38	25.91	20	weak	bt schist	py	micas,qtz, fe ox	2.134
1394669	KSDRAB14-11	25.91	27.43	12	weak	bt schist	py	micas,qtz, fe ox	0.601
1394670	KSDRAB14-11	27.43	28.96	10	weak	chloritic schist	py	bt, chlorite, sulfides	0.088
1394671	KSDRAB14-11	28.96	30.48	12	weak	chloritic schist	py	micas,qtz, fe ox	0.063
1394672	KSDRAB14-11	30.48	32.00	12	weak	chloritic schist	py	micas,qtz, fe ox	0.134
1394673	KSDRAB14-11	32.00	33.53	8	weak	chloritic schist	py	micas,qtz, fe ox	0.137
1394674	KSDRAB14-11	33.53	35.05	6	weak	chloritic schist	py	micas,qtz, fe ox	0.030
1394676	KSDRAB14-11	35.05	36.58	12	weak	chloritic schist	py	micas,qtz, fe ox	0.015
1394677	KSDRAB14-11	36.58	38.10	13	weak	chloritic schist	py	micas,qtz, fe ox	0.275
1394678	KSDRAB14-11	38.10	39.62	5	none	chloritic schist	py	micas,qtz, fe ox	0.016
1394679	KSDRAB14-11	39.62	41.15	5	none	chloritic schist	py	micas,qtz, fe ox	0.064

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1394680	KSDRAB14-11	41.15	42.67	8	none	chloritic schist	py	micas,qtz, fe ox	0.018
1394683	KSDRAB14-11	42.67	44.20	20	none	chloritic schist	py	micas,qtz, fe ox	0.015
1394684	KSDRAB14-11	44.20	45.72	30	none	chloritic schist	py	micas,qtz, fe ox	0.019
1394685	KSDRAB14-11	45.72	47.24	8	none	chloritic schist	py	micas,qtz, fe ox	0.016
1368251	KSDRAB14-12	0.00	1.52	8	strong	metaschist	?	bt, chlorite, qtz, fe ox	0.030
1368252	KSDRAB14-12	1.52	3.05	20	strong	metaschist	?	bt, chlorite, qtz, fe ox	0.011
1368253	KSDRAB14-12	3.05	4.57	30	strong	metaschist	?	bt, chlorite, qtz, fe ox	0.019
1368254	KSDRAB14-12	4.57	6.10	30	strong	metaschist	?	bt, chlorite, qtz, fe ox	0.157
1368255	KSDRAB14-12	6.10	7.62	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.104
1368256	KSDRAB14-12	7.62	9.14	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.012
1368257	KSDRAB14-12	9.14	10.67	20	strong	chloritic schist	py	chlorite, bt, qtz, fe ox	0.020
1368258	KSDRAB14-12	10.67	12.19	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.017
1368259	KSDRAB14-12	12.19	13.72	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.035
1368260	KSDRAB14-12	13.72	15.24	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.025
1368262	KSDRAB14-12	15.24	16.76	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.025
1368263	KSDRAB14-12	16.76	18.29	20	weak	chloritic schist	py	qtz, chlorite	0.015
1368264	KSDRAB14-12	18.29	19.81	20	weak	chloritic schist	py	qtz, chlorite	0.017
1368265	KSDRAB14-12	19.81	21.34	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.008
1368266	KSDRAB14-12	21.34	22.86	20	strong	chloritic schist	py	chlorite, bt, qtz, fe ox	0.405
1368267	KSDRAB14-12	22.86	24.38	20	strong	chloritic schist	py	chlorite, bt, qtz, fe ox	0.042
1368268	KSDRAB14-12	24.38	25.91	20	weak	qtz vein	py	chlorite, bt, qtz, fe ox	0.150
1368269	KSDRAB14-12	25.91	27.43	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.027
1368270	KSDRAB14-12	27.43	28.96	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.081
1368271	KSDRAB14-12	28.96	30.48	10	weak	chloritic schist	py	qtz, chlorite	0.041
1368272	KSDRAB14-12	30.48	32.00	11	weak	qtz vein	py	qtz, chlorite	0.867
1368273	KSDRAB14-12	32.00	33.53	11	weak	qtz vein	py	qtz, chlorite	0.672
1368274	KSDRAB14-12	33.53	35.05	11	weak	qtz vein	py	qtz, chlorite	0.055

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1368276	KSDRAB14-12	35.05	36.58	9	weak	chloritic schist	py	qtz, chlorite	0.049
1368277	KSDRAB14-12	36.58	38.10	9	weak	chloritic schist	py	qtz, chlorite	0.014
1368278	KSDRAB14-12	38.10	39.62	9	weak	chloritic schist	py	qtz, chlorite	0.016
1368279	KSDRAB14-12	39.62	41.15	9	weak	chloritic schist	py	qtz, chlorite	0.032
1368280	KSDRAB14-12	41.15	42.67	9	weak	chloritic schist	py	qtz, chlorite	0.020
1368282	KSDRAB14-12	42.67	44.20	9	weak	chloritic schist	py	qtz, chlorite	0.020
1368283	KSDRAB14-12	44.20	45.72	9	weak	chloritic schist	py	qtz, chlorite	0.022
1368284	KSDRAB14-12	45.72	47.24	9	weak	chloritic schist	py	qtz, chlorite	0.011
1368226	KSDRAB14-13	0.00	1.52	13	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.015
1368227	KSDRAB14-13	1.52	3.05	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.007
1368228	KSDRAB14-13	3.05	4.57	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.015
1368229	KSDRAB14-13	4.57	6.10	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.008
1368230	KSDRAB14-13	6.10	7.62	20	weak	graphitic schist	py	graphite, qtz	<0.005
1368231	KSDRAB14-13	7.62	9.14	20	none	graphitic schist	py	graphite, qtz	<0.005
1368232	KSDRAB14-13	9.14	10.67	20	none	graphitic schist	py	graphite, qtz	0.005
1368233	KSDRAB14-13	10.67	12.19	20	none	quartzite	py	Qtz, musco, graphite, bt?	<0.005
1368234	KSDRAB14-13	12.19	13.72	20	none	quartzite	py	Qtz, musco, graphite, bt?	<0.005
1368235	KSDRAB14-13	13.72	15.24	20	none	quartzite	py	Qtz, musco, graphite, bt?	<0.005
1368236	KSDRAB14-13	15.24	16.76	20	none	quartzite	py	Qtz, musco, graphite, bt?	<0.005
1368237	KSDRAB14-13	16.76	18.29	20	none	quartzite	py	Qtz, musco, graphite, bt?	<0.005
1368238	KSDRAB14-13	18.29	19.81	20	none	quartzite	py	Qtz, musco, graphite, bt?	<0.005
1368239	KSDRAB14-13	19.81	21.34	20	none	quartzite	py	Qtz, musco, graphite, bt?	0.006
1368240	KSDRAB14-13	21.34	22.86	20	none	quartzite	py	Qtz, musco, graphite, bt?	<0.005
1368242	KSDRAB14-13	22.86	24.38	13	none	quartzite	py	Qtz, musco, graphite, bt?	0.007
1368243	KSDRAB14-13	24.38	25.91	13	weak	quartzite	py	Qtz, musco, graphite, bt?, fe ox	<0.005
1368244	KSDRAB14-13	25.91	27.43	13	weak	quartzite	py	Qtz, musco, graphite, bt?, fe ox	<0.005
1368245	KSDRAB14-13	27.43	28.96	13	weak	quartzite	py	Qtz, musco, graphite, bt?, fe ox	0.014

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1368246	KSDRAB14-13	28.96	30.48	13	weak	quartzite	py	Qtz, musco, graphite, bt?, fe ox	<0.005
1394726	KSDRAB14-13	30.48	32.00	13	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	<0.005
1394727	KSDRAB14-13	32.00	33.53	13	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.014
1394728	KSDRAB14-13	33.53	35.05	13	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.009
1394729	KSDRAB14-13	35.05	36.58	13	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.014
1394730	KSDRAB14-13	36.58	38.10	13	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	<0.005
1394731	KSDRAB14-13	38.10	39.62	10	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	<0.005
1394732	KSDRAB14-13	39.62	41.15	8	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.006
1348876	KSDRAB14-14	0.00	1.52	13	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.022
1348877	KSDRAB14-14	1.52	3.05	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.021
1348878	KSDRAB14-14	3.05	4.57	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.024
1348879	KSDRAB14-14	4.57	6.10	20	weak	chloritic schist	py	chlorite, bt, qtz, fe ox	0.014
1348880	KSDRAB14-14	6.10	7.62	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.011
1348882	KSDRAB14-14	7.62	9.14	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.028
1348883	KSDRAB14-14	9.14	10.67	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.021
1348884	KSDRAB14-14	10.67	12.19	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.015
1348885	KSDRAB14-14	12.19	13.72	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.017
1348886	KSDRAB14-14	13.72	15.24	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.019
1348887	KSDRAB14-14	15.24	16.76	20	strong	chloritic schist	py	chlorite, bt, qtz, fe ox	0.019
1348888	KSDRAB14-14	16.76	18.29	20	strong	chloritic schist	py	chlorite, bt, qtz, fe ox	0.026
1348889	KSDRAB14-14	18.29	19.81	20	strong	chloritic schist	py	chlorite, bt, qtz, fe ox	0.021
1348890	KSDRAB14-14	19.81	21.34	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.015
1348891	KSDRAB14-14	21.34	22.86	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.019
1348892	KSDRAB14-14	22.86	24.38	20	moderate	chloritic schist	py	qtz, chlorite, fe ox, musco?	0.041
1348893	KSDRAB14-14	24.38	25.91	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.032
1348894	KSDRAB14-14	25.91	27.43	20	strong	chloritic schist	py	chlorite, bt, qtz, fe ox	0.021
1348895	KSDRAB14-14	27.43	28.96	20	strong	chloritic schist	py	chlorite, bt, qtz, fe ox	0.025

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1348896	KSDRAB14-14	28.96	30.48	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.025
1348897	KSDRAB14-14	30.48	32.00	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.015
1348898	KSDRAB14-14	32.00	33.53	20	weak	chloritic schist	py	qtz, bt, chlorite	0.020
1348899	KSDRAB14-14	33.53	35.05	20	none	chloritic schist	py	qtz, bt, chlorite	0.025
1348900	KSDRAB14-14	35.05	36.58	20	none	chloritic schist	py	qtz, bt, chlorite, musco?	0.031
1348902	KSDRAB14-14	36.58	38.10	20	none	chloritic schist	py	qtz, bt, chlorite	0.033
1348903	KSDRAB14-14	38.10	39.62	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.018
1348904	KSDRAB14-14	39.62	41.15	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.027
1348905	KSDRAB14-14	41.15	42.67	20	weak	quartzite	py	qtz, bt, musco?	0.011
1348906	KSDRAB14-14	42.67	44.20	20	none	quartzite	py	qtz, bt, musco?	0.016
1348907	KSDRAB14-14	44.20	45.72	20	none	quartzite	py	qtz, bt, musco?	0.015
1335551	KSDRAB14-15	0.00	1.52	13	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.065
1335552	KSDRAB14-15	1.52	3.05	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.017
1335553	KSDRAB14-15	3.05	4.57	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.028
1335554	KSDRAB14-15	4.57	6.10	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.084
1335555	KSDRAB14-15	6.10	7.62	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.035
1335556	KSDRAB14-15	7.62	9.14	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.038
1335557	KSDRAB14-15	9.14	10.67	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.030
1335558	KSDRAB14-15	10.67	12.19	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.013
1335559	KSDRAB14-15	12.19	13.72	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.014
1335560	KSDRAB14-15	13.72	15.24	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.025
1335562	KSDRAB14-15	15.24	16.76	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.517
1335563	KSDRAB14-15	16.76	18.29	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.021
1335564	KSDRAB14-15	18.29	19.81	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.011
1335565	KSDRAB14-15	19.81	21.34	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.027
1335566	KSDRAB14-15	21.34	22.86	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.015
1335567	KSDRAB14-15	22.86	24.38	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.011

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1335568	KSDRAB14-15	24.38	25.91	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.085
1335569	KSDRAB14-15	25.91	27.43	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.013
1335570	KSDRAB14-15	27.43	28.96	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.018
1335571	KSDRAB14-15	28.96	30.48	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.013
1335572	KSDRAB14-15	30.48	32.00	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.619
1335573	KSDRAB14-15	32.00	33.53	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.020
1335574	KSDRAB14-15	33.53	35.05	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.010
1335576	KSDRAB14-15	35.05	36.58	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.008
1335577	KSDRAB14-15	36.58	38.10	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.008
1335578	KSDRAB14-15	38.10	39.62	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.021
1335579	KSDRAB14-15	39.62	41.15	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.019
1335580	KSDRAB14-15	41.15	42.67	20	moderate	chloritic schist	py	bt, chlorite, qtz, fe ox	0.008
1335582	KSDRAB14-15	42.67	44.20	15	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.011
1335583	KSDRAB14-15	44.20	45.72	15	weak	chloritic schist	py	bt, chlorite, qtz, fe ox	0.008
1335602	KSDRAB14-16	0.00	1.52	13	strong	chloritic schist	py	bt-chlorite, qtz, fe ox	0.018
1335603	KSDRAB14-16	1.52	3.05	20	strong	chloritic schist	py	bt-chlorite, qtz, fe ox	0.015
1335604	KSDRAB14-16	3.05	4.57	20	strong	chloritic schist	py	bt-chlorite, qtz, fe ox	0.021
1335605	KSDRAB14-16	4.57	6.10	20	strong	chloritic schist	py	bt-chlorite, qtz, fe ox	0.018
1335606	KSDRAB14-16	6.10	7.62	20	strong	chloritic schist	py	bt-chlorite, qtz, fe ox	0.017
1335607	KSDRAB14-16	7.62	9.14	20	strong	chloritic schist	py	bt-chlorite, qtz, fe ox	0.016
1335608	KSDRAB14-16	9.14	10.67	20	strong	chloritic schist	py	bt-chlorite, qtz, fe ox	0.074
1335609	KSDRAB14-16	10.67	12.19	20	strong	chloritic schist	py	bt-chlorite, qtz, fe ox	0.069
1335610	KSDRAB14-16	12.19	13.72	20	strong	chloritic schist	py	bt-chlorite, qtz, fe ox	0.029
1335611	KSDRAB14-16	13.72	15.24	20	moderate	bt schist	py	bt-chlorite, qtz, fe ox	0.016
1335612	KSDRAB14-16	15.24	16.76	20	weak	bt schist	py	bt-chlorite, qtz, fe ox	0.010
1335613	KSDRAB14-16	16.76	18.29	20	weak	bt schist	py	bt, qtz, sulfides	0.027
1335614	KSDRAB14-16	18.29	19.81	20	weak	bt schist	py	bt, qtz, sulfides	0.014

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1335615	KSDRAB14-16	19.81	21.34	20	weak	bt schist	py	bt, qtz, sulfides	0.009
1335616	KSDRAB14-16	21.34	22.86	20	weak	bt schist	py	bt, qtz, sulfides	0.013
1335617	KSDRAB14-16	22.86	24.38	20	weak	bt schist	py	bt, qtz, sulfides	0.010
1335618	KSDRAB14-16	24.38	25.91	20	weak	bt schist	py	bt, qtz, sulfides	0.039
1335619	KSDRAB14-16	25.91	27.43	20	weak	bt schist	py	bt, qtz, sulfides	0.020
1335620	KSDRAB14-16	27.43	28.96	20	weak	bt schist	py	bt, qtz, sulfides	0.006
1335622	KSDRAB14-16	28.96	30.48	20	weak	bt schist	py	bt, qtz, sulfides	0.010
1335623	KSDRAB14-16	30.48	32.00	20	weak	bt schist	py	bt, qtz, sulfides	0.012
1335624	KSDRAB14-16	32.00	33.53	20	weak	bt schist	py	bt, qtz, sulfides	0.011
1335626	KSDRAB14-16	33.53	35.05	20	weak	bt schist	py	bt, qtz, sulfides	0.012
1335627	KSDRAB14-16	35.05	36.58	20	weak	bt schist	py	bt, qtz, sulfides	0.010
1335628	KSDRAB14-16	36.58	38.10	20	weak	bt schist	py	bt, qtz, sulfides	0.025
1335629	KSDRAB14-16	38.10	39.62	20	weak	bt schist	py	bt, qtz, sulfides	0.008
1335630	KSDRAB14-16	39.62	41.15	20	weak	bt schist	py	bt, qtz, sulfides	0.023
1335631	KSDRAB14-16	41.15	42.67	20	weak	bt schist	py	bt, qtz, sulfides	0.007
1335632	KSDRAB14-16	42.67	44.20	20	weak	bt schist	py	bt, qtz, sulfides	<0.005
1335633	KSDRAB14-16	44.20	45.72	20	weak	bt schist	py	bt, qtz, sulfides	<0.005
1335634	KSDRAB14-17	0.00	1.52	14	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.033
1335635	KSDRAB14-17	1.52	3.05	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.057
1335636	KSDRAB14-17	3.05	4.57	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.034
1335637	KSDRAB14-17	4.57	6.10	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.042
1335638	KSDRAB14-17	6.10	7.62	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.022
1335639	KSDRAB14-17	7.62	9.14	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.018
1335640	KSDRAB14-17	9.14	10.67	20	weak	chloritic schist	py	qtz, bt, chlorite	0.013
1335642	KSDRAB14-17	10.67	12.19	20	weak	chloritic schist	py	qtz, bt, chlorite	0.011
1335643	KSDRAB14-17	12.19	13.72	20	weak	chloritic schist	py	qtz, bt, chlorite	0.008
1335644	KSDRAB14-17	13.72	15.24	20	weak	chloritic schist	py	qtz, bt, chlorite	0.027

Sample No	Hole No	From(m)	To(m)	Recov	Oxidation	Lithology	Sulph	Minerals	Au(gpt)
1335645	KSDRAB14-17	15.24	16.76	20	weak	chloritic schist	py	qtz, bt, chlorite	0.020
1335646	KSDRAB14-17	16.76	18.29	20	weak	chloritic schist	py	qtz, bt, chlorite	0.029
1335647	KSDRAB14-17	18.29	19.81	20	weak	chloritic schist	py	qtz, bt, chlorite	0.036
1335648	KSDRAB14-17	19.81	21.34	20	weak	chloritic schist	py	qtz, bt, chlorite	0.019
1335649	KSDRAB14-17	21.34	22.86	20	weak	chloritic schist	py	qtz, bt, chlorite	0.014
1335650	KSDRAB14-17	22.86	24.38	20	weak	chloritic schist	py	qtz, bt, chlorite	0.008
1335651	KSDRAB14-17	24.38	25.91	20	weak	chloritic schist	py	qtz, bt, chlorite	0.013
1335652	KSDRAB14-17	25.91	27.43	20	weak	chloritic schist	py	qtz, bt, chlorite	0.065
1335653	KSDRAB14-17	27.43	28.96	20	weak	chloritic schist	py	qtz, bt, chlorite	0.018
1335654	KSDRAB14-17	28.96	30.48	20	weak	chloritic schist	py	qtz, bt, chlorite	0.030
1335655	KSDRAB14-17	30.48	32.00	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.006
1335656	KSDRAB14-17	32.00	33.53	20	moderate	chloritic schist	py	chlorite, bt, qtz, fe ox	0.008
1335657	KSDRAB14-17	33.53	35.05	20	weak	chloritic schist	py	qtz, bt, chlorite	0.016
1335658	KSDRAB14-17	35.05	36.58	14	weak	chloritic schist	py	qtz, bt, chlorite	0.023
1335659	KSDRAB14-17	36.58	38.10	12	weak	chloritic schist	py	qtz, bt, chlorite	0.023

Appendix VIII

King Solomon 2014 RAB Drill Program

Assay Certificates

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Centerra Gold**
1 University Avenue, Suite 1500
Toronto ON M5J 2P1 CANADA

Submitted By: Jodie Gibson
Receiving Lab: Canada-Whitehorse
Received: October 02, 2014
Report Date: October 14, 2014
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI14000226.1

CLIENT JOB INFORMATION

Project: KSD
Shipment ID: KSD2014-09-25
P.O. Number
Number of Samples: 56

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Centerra Gold
1 University Avenue, Suite 1500
Toronto ON M5J 2P1
CANADA

CC: Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	56	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	45	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
AQ300	45	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
LF202	11	Total Whole Rock Characterization with AQ200	0.2	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI14000226.1

	Method Analyte Unit MDL	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1393519	Rock	2.00	0.157	1102	9	2046	18	4.5	3	<1	78	3.84	12	3	26	<0.5	3	5	2	0.01	0.017
1393520	Rock	2.09	<0.005	13	17	20	12	<0.3	<1	<1	48	0.67	<2	26	3	<0.5	<3	<3	2	0.02	0.007
1393549	Rock	1.49	<0.005	7	10	13	10	<0.3	<1	<1	40	0.79	<2	22	4	<0.5	<3	<3	4	<0.01	0.006
1393550	Rock	1.40	<0.005	9	1	11	11	<0.3	<1	<1	32	0.88	<2	29	4	<0.5	<3	<3	2	<0.01	0.005
1393616	Rock	1.04	<0.005	<1	7	8	23	<0.3	7	3	400	1.10	28	<2	2	<0.5	<3	<3	7	0.02	0.015
1393617	Rock	0.86	<0.005	<1	18	19	68	<0.3	16	6	359	2.58	90	<2	7	<0.5	<3	<3	22	0.13	0.056
1393618	Rock	0.69	0.030	<1	19	8	118	<0.3	7	12	806	3.44	7	<2	3	<0.5	<3	<3	39	0.12	0.054
1393619	Rock	0.32	0.005	<1	14	4	64	<0.3	8	11	726	2.99	8	<2	3	<0.5	<3	<3	34	0.07	0.032
1393620	Rock	1.52	<0.005	<1	15	3	30	<0.3	2	6	486	0.95	2	<2	1	<0.5	<3	<3	5	0.01	0.010
1393621	Rock	1.07	0.205	<1	21	9	95	<0.3	8	13	791	3.25	15	<2	5	<0.5	<3	<3	17	0.14	0.078
1393622	Rock	1.99	0.006	<1	11	13	96	<0.3	5	7	702	3.33	7	2	5	<0.5	<3	<3	14	0.16	0.078
1393623	Rock	1.64	0.029	<1	19	16	77	<0.3	5	8	630	2.87	14	<2	4	<0.5	<3	<3	15	0.14	0.051
1393624	Rock	1.18	0.007	<1	16	6	68	<0.3	9	15	1152	4.70	18	<2	15	<0.5	<3	<3	83	0.16	0.056
1393625	Rock	1.99	<0.005	<1	7	5	26	<0.3	6	3	237	1.08	8	<2	3	<0.5	<3	<3	6	0.06	0.029
1393651	Rock	0.82	<0.005	<1	16	7	130	<0.3	17	22	1441	5.53	3	<2	10	<0.5	<3	<3	142	0.20	0.059
1393652	Rock	0.83	0.006	<1	33	9	173	<0.3	20	17	981	4.38	9	<2	4	<0.5	<3	<3	39	0.10	0.063
1393653	Rock	1.20	<0.005	<1	27	3	68	<0.3	71	36	1529	5.49	5	<2	4	<0.5	<3	<3	120	0.13	0.057
1393654	Rock	0.98	0.012	<1	28	<3	72	0.3	12	12	971	3.21	4	<2	3	<0.5	<3	<3	40	0.09	0.040
1393655	Rock	0.86	0.023	<1	16	7	28	0.5	13	6	361	1.93	9	<2	6	<0.5	<3	<3	19	0.11	0.040
1393656	Rock	1.20	0.011	<1	39	<3	74	0.4	9	13	653	4.54	8	<2	5	<0.5	<3	<3	67	0.26	0.069
1393657	Rock	1.19	1.021	<1	46	<3	31	0.4	6	10	907	2.32	6	<2	22	<0.5	<3	<3	24	1.20	0.050
1393658	Rock	1.20	0.008	<1	11	53	62	0.8	2	2	262	1.88	11	<2	4	<0.5	<3	<3	9	0.09	0.044
1393659	Rock	0.91	0.010	<1	77	11	82	0.6	19	33	1188	6.00	16	<2	2	<0.5	<3	<3	61	0.08	0.038
1393660	Rock	0.70	0.006	<1	41	7	93	0.3	21	20	1320	4.43	8	<2	3	<0.5	<3	<3	63	0.10	0.036
1393661	Rock	1.05	<0.005	<1	22	8	114	<0.3	6	2	349	4.58	13	<2	14	<0.5	<3	<3	39	0.02	0.050
1393662	Rock	0.87	<0.005	<1	49	6	164	<0.3	46	31	978	3.71	6	<2	5	0.9	<3	<3	70	0.05	0.031
1393663	Rock	1.17	0.024	<1	94	397	306	1.0	5	11	708	2.99	<2	<2	3	0.9	<3	<3	18	0.06	0.037
1393664	Rock	1.03	<0.005	<1	56	11	127	<0.3	49	30	1082	5.31	9	<2	73	<0.5	<3	<3	82	0.06	0.030
1393665	Rock	0.90	0.005	<1	6	5	45	<0.3	8	5	258	1.86	33	<2	3	<0.5	<3	<3	19	0.07	0.030
1393666	Rock	1.03	<0.005	<1	7	<3	70	<0.3	3	6	451	2.64	55	<2	5	<0.5	<3	<3	8	0.12	0.066

CERTIFICATE OF ANALYSIS

WHI14000226.1

	Method Analyte Unit MDL	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	LF200	LF200	LF200	LF200	LF200
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Ti	Ga	Sc	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	%	%	%
		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	0.04	0.01	0.01
1393519	Rock	<1	4	<0.01	4282	0.001	<20	0.04	<0.01	0.01	<2	0.13	<1	<5	<5	<5					
1393520	Rock	19	1	<0.01	20	0.007	<20	0.14	0.10	0.02	<2	<0.05	<1	<5	<5	<5					
1393549	Rock	14	2	0.02	40	0.007	<20	0.19	0.12	0.04	<2	<0.05	<1	<5	<5	<5					
1393550	Rock	7	<1	<0.01	52	<0.001	<20	0.32	<0.01	0.06	<2	<0.05	<1	<5	<5	<5					
1393616	Rock	2	6	0.35	69	0.001	<20	0.47	<0.01	0.05	<2	<0.05	<1	<5	<5	<5					
1393617	Rock	6	15	1.28	150	0.002	<20	1.55	<0.01	0.12	<2	<0.05	<1	<5	<5	<5					
1393618	Rock	4	9	1.92	74	0.005	<20	1.97	0.03	0.07	<2	0.15	<1	<5	7	<5					
1393619	Rock	3	9	1.39	127	0.004	<20	1.63	0.01	0.08	<2	<0.05	<1	<5	6	<5					
1393620	Rock	<1	2	0.26	79	<0.001	<20	0.31	<0.01	0.03	<2	<0.05	<1	<5	<5	<5					
1393621	Rock	13	7	1.09	213	0.002	<20	1.53	0.01	0.13	<2	<0.05	<1	<5	<5	<5					
1393622	Rock	9	7	2.37	181	0.004	<20	2.40	<0.01	0.13	<2	<0.05	<1	<5	<5	<5					
1393623	Rock	2	4	0.53	68	0.001	<20	0.84	0.03	0.08	<2	<0.05	<1	<5	<5	<5					
1393624	Rock	7	8	1.83	122	0.015	<20	2.57	0.02	0.09	<2	<0.05	<1	<5	<5	7					
1393625	Rock	1	6	0.26	51	0.002	<20	0.35	<0.01	0.04	<2	<0.05	<1	<5	<5	<5					
1393651	Rock	2	11	2.66	114	0.030	<20	3.37	0.02	0.08	<2	<0.05	<1	<5	11	11					
1393652	Rock	4	18	1.66	138	0.003	<20	2.04	0.02	0.11	<2	0.21	<1	<5	7	<5					
1393653	Rock	2	172	3.76	137	0.010	<20	3.37	0.01	0.04	<2	0.52	<1	<5	12	14					
1393654	Rock	1	16	1.37	177	0.011	<20	1.68	<0.01	0.09	<2	<0.05	<1	<5	5	5					
1393655	Rock	3	19	0.70	223	0.004	<20	0.85	0.02	0.10	<2	<0.05	<1	<5	<5	<5					
1393656	Rock	<1	12	2.04	75	0.013	<20	2.48	0.01	0.05	<2	0.07	<1	<5	11	8					
1393657	Rock	2	6	0.86	86	0.032	<20	1.10	0.02	0.05	<2	<0.05	<1	<5	<5	<5					
1393658	Rock	8	2	0.49	80	0.003	<20	0.80	0.03	0.07	<2	<0.05	<1	<5	<5	<5					
1393659	Rock	3	19	2.41	173	0.003	<20	2.61	0.02	0.10	<2	0.39	<1	<5	<5	7					
1393660	Rock	2	32	2.02	114	0.005	<20	2.29	<0.01	0.07	<2	0.21	<1	<5	6	8					
1393661	Rock	5	7	1.46	175	0.004	<20	1.60	0.02	0.09	<2	0.07	<1	<5	7	<5					
1393662	Rock	2	95	2.31	129	0.006	<20	2.34	0.02	0.04	<2	<0.05	<1	<5	9	9					
1393663	Rock	4	6	1.18	108	0.003	<20	1.52	0.01	0.10	<2	<0.05	5	<5	7	<5					
1393664	Rock	1	136	4.01	3463	0.007	<20	3.60	<0.01	0.04	<2	0.08	<1	<5	11	9					
1393665	Rock	3	14	0.69	130	0.008	<20	0.89	0.02	0.08	<2	<0.05	<1	<5	<5	<5					
1393666	Rock	7	4	0.90	162	0.004	<20	1.22	0.01	0.11	<2	<0.05	<1	<5	7	<5					

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
1393519	Rock																				
1393520	Rock																				
1393549	Rock																				
1393550	Rock																				
1393616	Rock																				
1393617	Rock																				
1393618	Rock																				
1393619	Rock																				
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Bureau Veritas Commodities Canada Ltd.

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Project: KSD
Report Date: October 14, 2014

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05
1393519	Rock																				
1393520	Rock																				
1393549	Rock																				
1393550	Rock																				
1393616	Rock																				
1393617	Rock																				
1393618	Rock																				
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CERTIFICATE OF ANALYSIS

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Method	LF200	TC000	TC000	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
Unit	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
MDL	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
1393519	Rock																
1393520	Rock																
1393549	Rock																
1393550	Rock																
1393616	Rock																
1393617	Rock																
1393618	Rock																
1393619	Rock																
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1393666	Rock																

CERTIFICATE OF ANALYSIS

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	Method	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
Analyte	Unit	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
MDL		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1393667	Rock	1.28	0.026	<1	11	8	90	<0.3	11	13	711	3.29	49	2	5	<0.5	<3	<3	27	0.11	0.049
1393668	Rock	1.15	0.012	<1	29	4	80	<0.3	4	9	2676	3.21	<2	<2	77	0.8	<3	<3	34	5.28	0.026
1393669	Rock	1.48	0.141	<1	10	<3	42	1.3	4	11	1219	3.95	7	<2	27	<0.5	<3	<3	8	1.31	0.056
1393670	Rock	1.19	0.055	<1	15	<3	71	<0.3	2	5	1239	2.64	<2	<2	40	<0.5	<3	<3	17	1.24	0.063
1393671	Rock	1.66	<0.005	<1	<1	335	9	0.6	<1	<1	17	1.18	3	6	18	<0.5	<3	<3	<1	<0.01	0.013
1393672	Rock	2.33																			
1393673	Rock	2.26																			
1393674	Rock	2.75																			
1393675	Rock	2.37																			
1393676	Rock	2.39																			
1393677	Rock	2.15	<0.005	<1	2	3	12	<0.3	<1	<1	178	0.39	<2	<2	<1	<0.5	<3	<3	1	<0.01	0.004
1393678	Rock	2.22	<0.005	<1	8	12	26	<0.3	6	4	417	1.02	5	<2	3	<0.5	<3	<3	6	0.06	0.025
1393679	Rock	2.09																			
1393680	Rock	2.06																			
1393681	Rock	2.36																			
1393682	Rock	2.25																			
1393683	Rock	2.99	0.025	<1	4	9	6	0.5	1	<1	414	0.48	<2	<2	<1	<0.5	<3	<3	<1	<0.01	0.005
1393684	Rock	1.78																			
1393685	Rock	1.85																			
1393686	Rock	1.37	0.007	<1	17	7	69	<0.3	15	6	452	2.85	60	2	4	<0.5	<3	<3	22	0.12	0.064
1393687	Rock	1.30	0.009	<1	33	29	127	0.4	2	3	145	3.36	25	<2	2	<0.5	<3	<3	7	<0.01	0.048
1393688	Rock	1.10	<0.005	<1	21	10	61	<0.3	10	8	337	2.93	48	2	4	<0.5	<3	<3	26	0.10	0.050
1393689	Rock	1.04	<0.005	<1	18	35	102	<0.3	19	10	484	2.59	5	4	6	<0.5	<3	<3	22	0.17	0.087
1393690	Rock	1.06	<0.005	<1	57	4	90	<0.3	29	28	2766	5.45	3	<2	49	0.9	<3	<3	102	4.34	0.028
1393691	Rock	1.44	<0.005	<1	5	4	14	<0.3	<1	3	594	0.69	<2	<2	2	<0.5	<3	<3	4	0.04	0.013
1393692	Rock	2.02	0.023	<1	5	530	1	6.9	<1	<1	49	0.49	108	<2	<1	<0.5	<3	12	<1	0.01	0.003

CERTIFICATE OF ANALYSIS

WHI14000226.1

	Method Analyte Unit MDL	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	LF200	LF200	LF200	LF200	LF200
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	%	%	%
		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	0.04	0.01	0.01
1393667	Rock	9	19	1.13	212	0.010	<20	1.63	0.02	0.12	<2	<0.05	<1	<5	6	<5					
1393668	Rock	4	3	0.98	61	0.003	<20	1.44	<0.01	0.06	<2	<0.05	<1	<5	<5	7					
1393669	Rock	4	<1	0.18	105	<0.001	<20	0.32	0.04	0.16	<2	0.43	<1	<5	<5	<5					
1393670	Rock	7	2	0.89	55	0.004	<20	1.30	0.04	0.05	<2	<0.05	<1	<5	<5	<5					
1393671	Rock	11	1	<0.01	929	0.002	<20	0.16	<0.01	0.23	<2	0.35	<1	<5	<5	<5					
1393672	Rock																62.11	14.92	6.96	4.02	1.57
1393673	Rock																65.95	14.75	3.95	2.35	1.96
1393674	Rock																76.59	10.10	3.83	2.73	0.11
1393675	Rock																71.53	11.29	5.45	3.73	0.28
1393676	Rock																68.57	12.00	6.05	4.15	0.08
1393677	Rock	<1	1	0.05	49	<0.001	<20	0.08	<0.01	0.02	<2	<0.05	<1	<5	<5	<5					
1393678	Rock	<1	6	0.42	54	0.001	<20	0.46	0.01	0.03	<2	<0.05	<1	<5	<5	<5					
1393679	Rock																64.18	13.58	5.88	2.93	3.61
1393680	Rock																80.97	7.56	4.06	2.20	0.12
1393681	Rock																69.75	12.09	5.51	4.65	0.08
1393682	Rock																75.05	11.60	2.62	1.84	0.50
1393683	Rock	<1	1	0.03	49	<0.001	<20	0.10	<0.01	0.03	<2	<0.05	<1	<5	<5	<5					
1393684	Rock																62.90	14.45	9.01	3.59	0.64
1393685	Rock																75.12	11.17	4.50	2.46	0.19
1393686	Rock	6	15	0.89	143	0.003	<20	1.25	<0.01	0.14	<2	<0.05	<1	<5	<5	<5					
1393687	Rock	4	2	0.39	116	<0.001	<20	0.59	<0.01	0.12	<2	<0.05	<1	<5	<5	<5					
1393688	Rock	7	16	1.16	106	0.005	<20	1.47	0.01	0.08	<2	<0.05	<1	<5	<5	<5					
1393689	Rock	12	22	1.29	187	0.004	<20	1.53	0.01	0.11	<2	<0.05	<1	<5	<5	<5					
1393690	Rock	3	26	3.36	135	0.007	<20	4.11	<0.01	0.07	<2	<0.05	<1	<5	13	15					
1393691	Rock	<1	2	0.19	33	<0.001	<20	0.29	<0.01	0.04	<2	<0.05	<1	<5	<5	<5					
1393692	Rock	<1	2	<0.01	6	<0.001	<20	0.02	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5					

CERTIFICATE OF ANALYSIS

WHI14000226.1

	Method Analyte Unit MDL	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
1393667	Rock																				
1393668	Rock																				
1393669	Rock																				
1393670	Rock																				
1393671	Rock																				
1393672	Rock	4.14	1.01	0.78	0.17	0.12	<0.002	<20	20	4.0	99.82	639	<1	10.7	0.5	16.6	3.3	4.8	23.4	1	55.3
1393673	Rock	5.45	1.22	0.74	0.18	0.09	<0.002	<20	12	3.1	99.78	1139	1	9.1	0.4	13.0	4.1	4.3	26.9	2	39.1
1393674	Rock	1.72	1.59	0.48	0.12	0.04	0.006	<20	12	2.4	99.73	1463	1	4.6	0.5	10.4	2.3	6.1	46.7	1	22.4
1393675	Rock	1.29	1.95	0.67	0.19	0.07	0.010	30	16	3.2	99.71	1677	<1	11.0	1.2	13.3	2.8	9.3	48.8	1	26.4
1393676	Rock	1.02	2.51	0.66	0.16	0.04	0.006	<20	16	4.4	99.60	2454	1	2.6	1.4	14.7	3.1	8.9	68.2	3	32.0
1393677	Rock																				
1393678	Rock																				
1393679	Rock	2.17	2.03	0.69	0.15	0.09	0.013	24	22	4.3	99.66	1869	<1	16.5	2.0	15.4	2.6	6.3	65.6	1	159.8
1393680	Rock	0.96	1.37	0.39	0.10	0.08	0.006	25	13	2.0	99.82	821	<1	12.7	0.7	7.6	1.5	3.7	36.4	<1	12.6
1393681	Rock	0.78	2.29	0.60	0.13	0.04	0.007	<20	17	3.8	99.69	1657	2	6.4	1.4	13.3	2.6	6.2	67.5	1	21.0
1393682	Rock	1.73	3.83	0.32	0.09	0.04	<0.002	<20	7	2.0	99.64	2355	<1	2.9	0.9	13.5	4.2	8.7	128.5	2	64.9
1393683	Rock																				
1393684	Rock	1.52	2.30	0.96	0.29	0.11	<0.002	<20	17	4.0	99.81	911	3	7.9	1.0	14.9	3.8	4.5	68.5	3	31.8
1393685	Rock	0.71	2.38	0.61	0.17	0.04	0.011	24	14	2.4	99.76	1305	<1	7.0	0.9	13.2	2.9	8.5	73.9	2	23.5
1393686	Rock																				
1393687	Rock																				
1393688	Rock																				
1393689	Rock																				
1393690	Rock																				
1393691	Rock																				
1393692	Rock																				

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Project: KSD
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CERTIFICATE OF ANALYSIS

WHI14000226.1

	Method Analyte Unit MDL	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01
1393667	Rock																			
1393668	Rock																			
1393669	Rock																			
1393670	Rock																			
1393671	Rock																			
1393672	Rock	0.2	4.2	1.4	110	2.0	128.6	26.0	14.0	31.1	3.83	15.3	4.26	1.09	4.37	0.77	4.45	1.08	3.20	0.50
1393673	Rock	0.3	4.2	1.3	74	1.1	153.3	26.7	12.2	25.6	3.18	15.7	3.61	0.92	4.06	0.74	4.59	0.99	3.21	0.48
1393674	Rock	0.4	4.6	2.0	108	1.2	80.6	12.8	15.4	30.7	3.70	14.3	3.04	0.69	2.54	0.42	2.42	0.47	1.34	0.21
1393675	Rock	0.5	5.8	2.0	141	1.9	108.8	20.6	18.7	36.1	4.68	18.2	3.74	0.78	3.83	0.60	3.91	0.74	2.21	0.32
1393676	Rock	0.6	6.3	2.6	135	1.4	105.7	12.7	22.3	43.6	4.97	19.4	3.84	0.77	3.22	0.49	2.54	0.54	1.38	0.24
1393677	Rock																			
1393678	Rock																			
1393679	Rock	0.4	5.5	2.2	176	0.8	100.6	18.2	17.9	36.3	3.84	15.2	3.26	0.77	3.34	0.55	3.14	0.70	2.01	0.27
1393680	Rock	0.2	2.5	1.5	112	0.7	52.2	9.6	9.9	19.0	2.24	10.3	1.72	0.51	2.10	0.33	2.14	0.45	1.31	0.17
1393681	Rock	0.5	4.9	2.2	147	1.4	96.3	18.3	16.9	31.9	3.94	15.5	3.14	0.76	3.22	0.52	3.40	0.68	2.01	0.29
1393682	Rock	0.7	12.5	2.6	19	2.4	156.5	18.2	32.5	62.0	6.83	24.9	4.51	0.67	3.59	0.58	3.61	0.66	1.94	0.28
1393683	Rock																			
1393684	Rock	0.3	3.1	1.4	102	0.7	133.6	23.1	15.5	30.0	3.40	13.8	3.52	0.83	3.84	0.66	3.97	0.76	2.26	0.32
1393685	Rock	0.5	5.9	2.4	122	1.0	111.4	18.0	16.6	35.7	3.82	15.2	3.17	0.66	3.29	0.55	3.29	0.75	2.15	0.30
1393686	Rock																			
1393687	Rock																			
1393688	Rock																			
1393689	Rock																			
1393690	Rock																			
1393691	Rock																			
1393692	Rock																			

CERTIFICATE OF ANALYSIS

WHI14000226.1

	Method	Analyte	Unit	MDL	LF200	TC000	TC000	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200			
					Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
					ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
					0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
1393667	Rock																				
1393668	Rock																				
1393669	Rock																				
1393670	Rock																				
1393671	Rock																				
1393672	Rock	0.44	0.25	0.05	<0.1	31.8	3.5	94	5.1	1.9	<0.1	<0.1	0.2	0.2	25.9	<0.01	<0.1	<0.5			
1393673	Rock	0.48	0.36	0.06	0.6	24.4	3.6	33	2.2	18.4	0.2	0.2	0.2	0.3	36.8	<0.01	<0.1	<0.5			
1393674	Rock	0.23	0.04	<0.02	1.3	33.9	8.3	96	10.6	45.4	0.4	<0.1	0.2	0.2	1.4	<0.01	<0.1	1.1			
1393675	Rock	0.33	0.16	<0.02	1.3	35.5	7.0	99	29.8	54.2	<0.1	0.1	<0.1	<0.1	1.6	<0.01	<0.1	<0.5			
1393676	Rock	0.26	0.07	0.06	2.0	56.9	73.9	179	7.1	567.7	0.3	0.2	1.6	1.4	162.8	0.03	<0.1	3.3			
1393677	Rock																				
1393678	Rock																				
1393679	Rock	0.28	0.26	<0.02	0.8	35.4	5.8	86	30.6	17.2	0.7	0.2	<0.1	0.1	1.3	<0.01	<0.1	<0.5			
1393680	Rock	0.19	<0.02	0.03	1.5	27.5	11.6	54	22.8	45.6	0.3	0.3	<0.1	0.2	<0.5	<0.01	<0.1	0.9			
1393681	Rock	0.33	<0.02	0.07	1.7	32.8	33.3	173	16.6	51.6	0.4	0.2	0.2	0.4	7.5	<0.01	<0.1	0.6			
1393682	Rock	0.30	0.09	0.11	0.5	3.9	13.1	21	2.1	2.7	0.2	<0.1	<0.1	<0.1	<0.5	<0.01	<0.1	<0.5			
1393683	Rock																				
1393684	Rock	0.30	0.04	0.24	2.4	16.4	3.5	72	2.9	28.2	<0.1	0.3	0.9	0.3	6.7	0.01	<0.1	1.9			
1393685	Rock	0.25	0.08	0.03	1.2	20.4	3.6	58	21.7	17.2	<0.1	0.4	0.2	0.1	<0.5	<0.01	<0.1	0.7			
1393686	Rock																				
1393687	Rock																				
1393688	Rock																				
1393689	Rock																				
1393690	Rock																				
1393691	Rock																				
1393692	Rock																				

QUALITY CONTROL REPORT

WHI14000226.1

	Method Analyte Unit MDL	WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
1393681	Rock	2.36																			
Pulp Duplicates																					
1393621	Rock	1.07	0.205	<1	21	9	95	<0.3	8	13	791	3.25	15	<2	5	<0.5	<3	<3	17	0.14	0.078
REP 1393621	QC			<1	21	8	93	<0.3	8	13	763	3.19	14	<2	5	<0.5	<3	<3	17	0.14	0.075
1393664	Rock	1.03	<0.005	<1	56	11	127	<0.3	49	30	1082	5.31	9	<2	73	<0.5	<3	<3	82	0.06	0.030
REP 1393664	QC	<0.005																			
1393678	Rock	2.22	<0.005	<1	8	12	26	<0.3	6	4	417	1.02	5	<2	3	<0.5	<3	<3	6	0.06	0.025
REP 1393678	QC	<0.005																			
1393685	Rock	1.85																			
REP 1393685	QC																				
1393692	Rock	2.02	0.023	<1	5	530	1	6.9	<1	<1	49	0.49	108	<2	<1	<0.5	<3	12	<1	0.01	0.003
REP 1393692	QC			<1	6	556	2	7.0	<1	<1	50	0.52	110	<2	<1	<0.5	<3	12	<1	0.01	0.003
Core Reject Duplicates																					
1393671	Rock	1.66	<0.005	<1	<1	335	9	0.6	<1	<1	17	1.18	3	6	18	<0.5	<3	<3	<1	<0.01	0.013
DUP 1393671	QC	<0.005		<1	<1	377	9	0.7	<1	<1	17	1.18	3	7	18	<0.5	<3	<3	<1	<0.01	0.015
Reference Materials																					
STD DS10	Standard			13	159	162	404	2.3	75	11	907	2.87	46	6	65	2.4	7	13	42	1.10	0.077
STD DS10	Standard			12	163	161	414	1.9	75	11	933	2.87	49	5	69	2.5	8	13	43	1.11	0.079
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard			1	681	11	29	<0.3	375	46	397	24.20	11	9	3	<0.5	<3	<3	297	0.03	0.029
STD OREAS45EA	Standard			1	682	13	31	<0.3	376	47	404	21.36	10	7	4	0.7	<3	<3	303	0.03	0.028
STD OREAS45EA	Standard																				
STD OXD108	Standard	0.413																			
STD OXI121	Standard	1.783																			
STD OXN117	Standard	7.698																			
STD SO-18	Standard																				
STD SO-18	Standard																				

QUALITY CONTROL REPORT

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	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	LF200	LF200	LF200	LF200	LF200
Analyte	Unit	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	SiO2	Al2O3	Fe2O3	MgO	CaO
MDL		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	%	%	%
		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	0.04	0.01	0.01
1393681	Rock																69.75	12.09	5.51	4.65	0.08
Pulp Duplicates																					
1393621	Rock	13	7	1.09	213	0.002	<20	1.53	0.01	0.13	<2	<0.05	<1	<5	<5	<5					
REP 1393621	QC	13	6	1.06	211	0.002	<20	1.49	0.01	0.13	<2	<0.05	<1	<5	<5	<5					
1393664	Rock	1	136	4.01	3463	0.007	<20	3.60	<0.01	0.04	<2	0.08	<1	<5	11	9					
REP 1393664	QC																				
1393678	Rock	<1	6	0.42	54	0.001	<20	0.46	0.01	0.03	<2	<0.05	<1	<5	<5	<5					
REP 1393678	QC																				
1393685	Rock																75.12	11.17	4.50	2.46	0.19
REP 1393685	QC																75.07	11.12	4.54	2.47	0.19
1393692	Rock	<1	2	<0.01	6	<0.001	<20	0.02	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5					
REP 1393692	QC	<1	3	<0.01	6	<0.001	<20	0.02	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5					
Core Reject Duplicates																					
1393671	Rock	11	1	<0.01	929	0.002	<20	0.16	<0.01	0.23	<2	0.35	<1	<5	<5	<5					
DUP 1393671	QC	13	<1	<0.01	966	0.002	<20	0.17	<0.01	0.24	<2	0.36	<1	<5	<5	<5					
Reference Materials																					
STD DS10	Standard	15	57	0.80	439	0.075	<20	1.04	0.07	0.33	3	0.28	<1	<5	<5	<5					
STD DS10	Standard	15	51	0.81	442	0.076	<20	1.04	0.07	0.35	3	0.31	<1	<5	7	<5					
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard	6	898	0.09	142	0.097	<20	3.13	0.02	0.05	<2	<0.05	<1	<5	<5	83					
STD OREAS45EA	Standard	7	859	0.08	153	0.100	<20	3.06	0.02	0.05	<2	<0.05	<1	<5	34	82					
STD OREAS45EA	Standard																				
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXN117	Standard																				
STD SO-18	Standard																57.83	14.17	7.67	3.41	6.34
STD SO-18	Standard																58.36	14.02	7.56	3.35	6.29

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Project: KSD
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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5
1393681	Rock	0.78	2.29	0.60	0.13	0.04	0.007	<20	17	3.8	99.69	1657	2	6.4	1.4	13.3	2.6	6.2	67.5	1	21.0
Pulp Duplicates																					
1393621	Rock																				
REP 1393621	QC																				
1393664	Rock																				
REP 1393664	QC																				
1393678	Rock																				
REP 1393678	QC																				
1393685	Rock	0.71	2.38	0.61	0.17	0.04	0.011	24	14	2.4	99.76	1305	<1	7.0	0.9	13.2	2.9	8.5	73.9	2	23.5
REP 1393685	QC	0.72	2.42	0.61	0.18	0.04	0.013	23	14	2.4	99.76	1312	3	6.2	0.9	12.4	3.1	7.6	74.5	2	25.9
1393692	Rock																				
REP 1393692	QC																				
Core Reject Duplicates																					
1393671	Rock																				
DUP 1393671	QC																				
Reference Materials																					
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXN117	Standard																				
STD SO-18	Standard	3.74	2.20	0.70	0.82	0.41	0.554	31	26	1.9	99.75	516	<1	23.3	7.1	15.4	9.5	17.8	26.1	14	402.4
STD SO-18	Standard	3.68	2.15	0.69	0.80	0.40	0.543	43	26	1.9	99.74	517	<1	25.8	6.7	15.5	9.9	19.0	26.8	14	396.7

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QUALITY CONTROL REPORT

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	Method	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
	Analyte	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05
1393681	Rock	0.5	4.9	2.2	147	1.4	96.3	18.3	16.9	31.9	3.94	15.5	3.14	0.76	3.22	0.52	3.40	0.68	2.01	0.29	1.87
Pulp Duplicates																					
1393621	Rock																				
REP 1393621	QC																				
1393664	Rock																				
REP 1393664	QC																				
1393678	Rock																				
REP 1393678	QC																				
1393685	Rock	0.5	5.9	2.4	122	1.0	111.4	18.0	16.6	35.7	3.82	15.2	3.17	0.66	3.29	0.55	3.29	0.75	2.15	0.30	1.87
REP 1393685	QC	0.6	5.5	2.6	127	1.9	117.3	18.5	16.0	35.9	3.90	15.7	3.22	0.71	3.58	0.57	3.61	0.74	1.92	0.31	2.11
1393692	Rock																				
REP 1393692	QC																				
Core Reject Duplicates																					
1393671	Rock																				
DUP 1393671	QC																				
Reference Materials																					
STD DS10	Standard																				
STD DS10	Standard																				
STD DS10	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OREAS45EA	Standard																				
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXN117	Standard																				
STD SO-18	Standard	6.9	9.5	16.9	202	13.4	294.9	29.3	12.7	28.4	3.16	12.6	3.06	0.95	3.00	0.49	2.91	0.62	1.85	0.28	1.62
STD SO-18	Standard	7.1	9.1	17.1	198	16.7	291.1	29.4	12.5	27.0	3.26	12.5	2.68	0.84	2.93	0.45	2.83	0.62	1.71	0.29	1.83

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QUALITY CONTROL REPORT

WHI14000226.1

	Method Analyte Unit MDL	LF200	TC000	TC000	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
1393681	Rock	0.33	<0.02	0.07	1.7	32.8	33.3	173	16.6	51.6	0.4	0.2	0.2	0.4	7.5	<0.01	<0.1	0.6
Pulp Duplicates																		
1393621	Rock																	
REP 1393621	QC																	
1393664	Rock																	
REP 1393664	QC																	
1393678	Rock																	
REP 1393678	QC																	
1393685	Rock	0.25	0.08	0.03	1.2	20.4	3.6	58	21.7	17.2	<0.1	0.4	0.2	0.1	<0.5	<0.01	<0.1	0.7
REP 1393685	QC	0.29	0.08	0.02	1.3	21.1	3.7	57	23.2	17.2	<0.1	0.4	0.2	0.1	2.3	<0.01	<0.1	0.6
1393692	Rock																	
REP 1393692	QC																	
Core Reject Duplicates																		
1393671	Rock																	
DUP 1393671	QC																	
Reference Materials																		
STD DS10	Standard																	
STD DS10	Standard																	
STD DS10	Standard				15.1	158.4	156.7	368	74.1	43.1	2.4	9.7	11.3	1.7	57.8	0.33	5.2	2.4
STD GS311-1	Standard		1.05	2.37														
STD GS910-4	Standard		2.75	8.04														
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard																	
STD OREAS45EA	Standard				1.6	692.2	13.3	29	378.6	9.9	<0.1	0.3	0.2	0.2	49.5	0.01	<0.1	1.1
STD OXD108	Standard																	
STD OXI121	Standard																	
STD OXN117	Standard																	
STD SO-18	Standard	0.28																
STD SO-18	Standard	0.28																

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Centerra Gold**
1 University Avenue, Suite 1500
Toronto ON M5J 2P1 CANADA

Project: KSD
Report Date: October 14, 2014

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QUALITY CONTROL REPORT

WHI14000226.1

		WGHT	FA430	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.005	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001
STD OXD108 Expected		0.414																			
STD OXN117 Expected		7.679																			
STD OXI121 Expected		1.834																			
STD DS10 Expected		14.69 154.61 150.55 370 2.02 74.6 12.9 875 2.7188 43.7 7.5 67.1 2.49 8.23 11.65 43 1.0625 0.073																			
STD OREAS45EA Expected		1.39 709 14.3 28.9 0.26 381 52 400 23.51 9 10.7 3.5 303 0.036 0.029																			
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																					
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<1 <1 <3 <1 <0.3 <1 <1 <2 <0.01 <2 <2 <1 <0.5 <3 <3 <1 <0.01 <0.001																			
BLK	Blank	<1 <1 <3 <1 <0.3 <1 <1 <2 <0.01 <2 <2 <1 <0.5 <3 <3 <1 <0.01 <0.001																			
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank	<0.005 <1 6 <3 41 <0.3 <1 2 514 1.88 <2 <2 25 <0.5 <3 <3 21 0.59 0.041																			
G1-WHI	Prep Blank	<0.005 <1 3 <3 43 <0.3 <1 2 522 1.90 <2 <2 26 <0.5 <3 <3 21 0.58 0.042																			

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Project: KSD
Report Date: October 14, 2014

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QUALITY CONTROL REPORT

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		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	LF200	LF200	LF200	LF200	LF200
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	SiO2	Al2O3	Fe2O3	MgO	CaO
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	%	%	%	%
		1	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.01	0.01	0.04	0.01	0.01
STD OXD108 Expected																					
STD OXN117 Expected																					
STD OXI121 Expected																					
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8					
STD OREAS45EA Expected		6.57	849	0.095	148	0.0875		3.13	0.02	0.053		0.036			11.7	78					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected																	58.47	14.23	7.67	3.35	6.42
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5					
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																<0.01	<0.01	<0.04	<0.01	<0.01
Prep Wash																					
G1-WHI	Prep Blank	4	2	0.48	62	0.064	<20	0.99	0.09	0.10	<2	<0.05	<1	<5	6	<5					
G1-WHI	Prep Blank	4	1	0.50	63	0.061	<20	0.96	0.07	0.09	<2	0.06	<1	<5	<5	<5					

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Client: **Centerra Gold**
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Toronto ON M5J 2P1 CANADA

Project: KSD
Report Date: October 14, 2014

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QUALITY CONTROL REPORT

WHI14000226.1

		LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
		Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn
		%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1
STD OXD108 Expected																				
STD OXN117 Expected																				
STD OXI121 Expected																				
STD DS10 Expected																				
STD OREAS45EA Expected																				
STD GS311-1 Expected																				
STD GS910-4 Expected																				
STD SO-18 Expected		3.71	2.17	0.69	0.83	0.39	0.55	44	25			514		26.2	7.1	17.6	9.8	19.3	28.7	15
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	0.1	<0.5	<0.1	<0.1	<0.1	<1
Prep Wash																				
G1-WHI	Prep Blank																			
G1-WHI	Prep Blank																			

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

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Client: **Centerra Gold**
1 University Avenue, Suite 1500
Toronto ON M5J 2P1 CANADA

Project: KSD
Report Date: October 14, 2014

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QUALITY CONTROL REPORT

WHI14000226.1

		LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200	LF200
		Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05
STD OXD108 Expected																					
STD OXN117 Expected																					
STD OXI121 Expected																					
STD DS10 Expected																					
STD OREAS45EA Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected		7.4	9.9	16.4	200	14.8	290	29	12.3	27.1	3.45	14	3	0.89	2.93	0.53	3	0.62	1.84	0.27	1.79
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05
Prep Wash																					
G1-WHI	Prep Blank																				
G1-WHI	Prep Blank																				

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Centerra Gold**
1 University Avenue, Suite 1500
Toronto ON M5J 2P1 CANADA

Project: KSD
Report Date: October 14, 2014

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QUALITY CONTROL REPORT

WHI14000226.1

		LF200	TC000	TC000	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	Tl	Se
		ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
		0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	0.1	0.5
STD OXD108 Expected																		
STD OXN117 Expected																		
STD OXI121 Expected																		
STD DS10 Expected					14.69	154.61	150.55	370	74.6	43.7	2.49	8.23	11.65	2.02	91.9	0.3	5.1	2.3
STD OREAS45EA Expected					1.39	709	14.3	28.9	381	9.1	0.02	0.2	0.26	0.26	53		0.072	0.6
STD GS311-1 Expected		1.02			2.35													
STD GS910-4 Expected		2.65			8.27													
STD SO-18 Expected		0.27																
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank																	
BLK	Blank				<0.1	<0.1	<0.1	<1	0.3	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.02			<0.02													
BLK	Blank	<0.01																
Prep Wash																		
G1-WHI	Prep Blank																	
G1-WHI	Prep Blank																	

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Centerra Gold**
1 University Avenue, Suite 1500
Toronto ON M5J 2P1 CANADA

Submitted By: Jodie Gibson
Receiving Lab: Canada-Whitehorse
Received: October 02, 2014
Report Date: October 15, 2014
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CERTIFICATE OF ANALYSIS

WHI14000227.1

CLIENT JOB INFORMATION

Project: BET
Shipment ID: KSD2014-09-25
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Centerra Gold
1 University Avenue, Suite 1500
Toronto ON M5J 2P1
CANADA

CC: Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			WHI
SS80	314	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISP2	320	Heat treatment of Soils and Sediments			VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI14000227.1

	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1354494	Soil	0.3	30.7	10.0	74	0.1	20.9	17.5	704	3.49	9.0	0.8	5.8	2.7	27	0.3	0.5	0.1	68	0.63	0.071
1354495	Soil	0.3	34.8	9.0	80	0.2	20.4	14.6	580	3.84	6.5	0.8	11.1	2.9	25	0.3	0.4	0.1	67	0.54	0.064
1354496	Soil	0.3	37.9	8.4	71	0.1	19.8	15.1	539	3.49	5.8	0.8	28.6	2.6	32	0.2	0.5	<0.1	68	0.64	0.062
1354497	Soil	0.2	44.2	5.3	69	0.1	19.0	25.7	819	4.48	5.4	0.8	5.2	1.4	46	<0.1	0.4	<0.1	89	0.96	0.059
1374226	Soil	0.2	36.5	7.9	69	0.4	11.9	14.8	545	3.96	6.1	0.5	4.6	3.3	10	<0.1	0.2	<0.1	43	0.23	0.048
1354500	Soil	0.1	24.8	13.0	69	0.3	6.8	14.3	918	4.30	5.0	0.4	15.1	2.8	8	<0.1	0.2	<0.1	55	0.27	0.063
1354499	Soil	0.3	32.4	11.9	82	0.4	16.1	12.9	588	3.84	6.5	0.6	10.3	4.1	14	0.2	0.2	<0.1	57	0.37	0.065
1354498	Soil	0.3	84.9	25.2	114	1.1	22.2	20.8	793	4.68	10.1	0.4	505.9	3.3	16	0.7	0.3	<0.1	58	0.44	0.076
1374240	Soil	0.3	56.0	5.7	81	0.2	20.2	23.5	1227	5.19	5.5	0.2	2.4	3.1	9	0.2	0.3	<0.1	71	0.38	0.092
1374241	Soil	0.2	55.2	4.7	66	0.2	29.9	23.5	1260	4.84	3.1	0.2	5.9	1.3	12	<0.1	0.5	<0.1	79	0.35	0.066
1374228	Soil	0.7	92.0	7.2	59	0.5	27.4	22.9	647	4.92	7.6	0.5	44.8	2.2	4	<0.1	0.2	0.1	64	0.08	0.015
1374227	Soil	0.1	75.4	14.7	83	0.3	20.1	22.3	1044	5.50	9.7	0.6	9.6	1.8	9	0.2	0.2	<0.1	76	0.26	0.044
1374239	Soil	0.3	30.7	4.8	65	0.1	14.1	16.8	929	4.35	7.9	0.4	2.5	2.2	13	<0.1	0.4	<0.1	65	0.37	0.077
1374242	Soil	0.7	42.2	8.5	75	<0.1	31.0	14.3	461	4.07	16.6	0.8	2.6	5.2	11	<0.1	0.3	<0.1	56	0.22	0.018
1374243	Soil	0.3	42.1	6.2	75	<0.1	20.2	17.8	670	4.94	18.5	0.4	3.5	2.9	7	<0.1	0.4	<0.1	75	0.22	0.052
1374244	Soil	0.1	60.4	2.1	70	0.1	33.0	26.0	1247	5.17	1.9	0.2	5.0	0.9	12	<0.1	0.3	<0.1	80	0.34	0.056
1374245	Soil	0.2	34.1	4.3	65	<0.1	16.6	20.1	1122	4.52	4.7	0.2	3.0	1.4	14	0.1	0.3	<0.1	60	0.35	0.054
1374246	Soil	0.8	33.0	5.9	68	<0.1	18.4	15.0	586	4.25	7.3	0.7	30.8	2.8	14	0.1	0.5	<0.1	63	0.29	0.041
1374247	Soil	0.3	39.0	5.2	81	0.1	16.5	22.0	1163	5.09	4.5	0.3	2.4	3.0	13	0.2	0.6	<0.1	91	1.78	0.088
1374248	Soil	0.3	29.3	4.0	70	0.1	15.0	12.5	532	3.69	6.7	0.4	0.7	2.3	14	0.1	0.4	<0.1	58	0.37	0.075
1374229	Soil	0.9	62.8	20.4	115	1.3	34.0	16.6	830	4.92	217.9	0.8	21.4	9.5	11	0.4	1.4	0.4	44	0.44	0.137
1374232	Soil	0.2	39.7	7.5	72	0.4	18.7	14.1	740	3.64	7.8	1.3	4.4	3.4	23	0.2	0.3	<0.1	53	0.50	0.053
1374233	Soil	0.3	69.2	8.5	71	0.3	25.7	22.5	965	4.60	5.1	0.5	7.2	1.6	22	0.2	0.4	<0.1	104	0.47	0.042
1374231	Soil	0.3	31.8	8.7	59	0.3	19.2	14.5	609	3.07	9.7	1.2	5.4	2.6	30	0.1	0.5	<0.1	55	0.64	0.082
1374230	Soil	0.2	36.7	8.1	90	2.1	13.3	15.9	970	4.22	13.6	0.5	13.8	5.1	9	0.2	0.5	<0.1	46	0.31	0.086
1374234	Soil	0.5	44.7	5.2	70	0.2	18.9	19.5	491	4.93	7.6	0.6	2.2	1.7	21	0.1	0.4	<0.1	80	0.48	0.065
1374235	Soil	<0.1	40.6	2.8	66	0.2	12.9	15.9	866	4.09	9.1	0.3	4.8	1.8	13	0.1	0.4	<0.1	52	0.44	0.082
1374236	Soil	0.5	34.0	6.4	62	0.3	17.7	13.7	523	3.57	7.4	0.9	8.8	1.8	30	0.1	0.4	<0.1	60	0.80	0.059
1374237	Soil	0.4	32.9	8.6	65	0.2	19.2	13.9	606	3.59	12.2	0.9	7.1	2.8	19	0.1	0.4	<0.1	58	0.52	0.050
1374238	Soil	0.3	31.8	5.4	67	0.3	17.0	13.8	583	4.04	27.1	0.6	5.2	2.8	15	0.2	0.3	<0.1	58	0.40	0.073

CERTIFICATE OF ANALYSIS

WHI14000227.1

	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1354494	Soil	12	25	1.34	277	0.025	1	2.01	0.006	0.04	0.2	0.03	7.2	<0.1	<0.05	6	<0.5
1354495	Soil	14	25	1.41	255	0.028	<1	2.07	0.007	0.05	0.2	0.03	7.1	<0.1	<0.05	6	0.8
1354496	Soil	13	23	1.45	224	0.031	<1	2.09	0.006	0.04	0.1	0.03	6.5	<0.1	<0.05	6	0.7
1354497	Soil	8	23	1.69	249	0.021	1	2.32	0.006	0.03	<0.1	0.04	6.6	<0.1	<0.05	7	0.6
1374226	Soil	11	12	1.90	297	0.009	<1	2.28	0.003	0.03	<0.1	<0.01	5.0	<0.1	<0.05	6	<0.5
1354500	Soil	18	8	2.27	341	0.006	<1	2.64	0.003	0.03	<0.1	0.03	6.1	<0.1	<0.05	7	<0.5
1354499	Soil	19	24	2.22	254	0.018	<1	2.75	0.004	0.03	<0.1	0.01	5.9	<0.1	<0.05	7	<0.5
1354498	Soil	15	19	1.86	169	0.009	<1	2.44	0.003	0.05	<0.1	0.04	7.2	<0.1	<0.05	6	<0.5
1374240	Soil	17	25	1.93	119	0.007	<1	2.17	0.002	0.04	<0.1	0.02	11.2	<0.1	<0.05	7	0.8
1374241	Soil	7	50	2.50	121	0.035	1	2.36	0.003	0.04	<0.1	<0.01	11.6	<0.1	<0.05	7	0.6
1374228	Soil	13	19	1.92	112	0.005	<1	2.50	0.002	0.03	<0.1	0.02	10.6	<0.1	<0.05	6	1.0
1374227	Soil	11	21	2.19	172	0.007	<1	2.88	0.004	0.03	<0.1	0.02	9.2	<0.1	<0.05	7	<0.5
1374239	Soil	8	19	1.64	149	0.015	<1	2.14	0.004	0.03	<0.1	<0.01	6.7	<0.1	<0.05	6	<0.5
1374242	Soil	21	36	1.43	295	0.015	<1	2.25	0.004	0.05	<0.1	0.02	8.0	<0.1	<0.05	6	<0.5
1374243	Soil	9	29	2.23	97	0.040	<1	2.76	0.002	0.02	<0.1	0.01	8.0	<0.1	<0.05	7	<0.5
1374244	Soil	4	56	3.05	100	0.031	<1	2.96	0.003	0.04	<0.1	0.02	6.4	<0.1	<0.05	8	<0.5
1374245	Soil	6	26	1.85	145	0.031	2	2.21	0.003	0.04	<0.1	0.01	5.5	<0.1	<0.05	6	<0.5
1374246	Soil	10	26	1.30	234	0.037	<1	2.18	0.006	0.04	<0.1	0.03	6.6	<0.1	<0.05	6	<0.5
1374247	Soil	12	24	0.89	173	0.007	3	1.33	0.005	0.06	<0.1	<0.01	15.8	<0.1	<0.05	5	<0.5
1374248	Soil	9	20	1.41	151	0.032	<1	1.82	0.005	0.04	<0.1	<0.01	5.3	<0.1	<0.05	6	<0.5
1374229	Soil	41	23	1.45	149	0.007	<1	2.13	0.003	0.03	<0.1	0.01	4.5	<0.1	<0.05	6	<0.5
1374232	Soil	13	21	1.60	306	0.022	<1	2.07	0.006	0.04	<0.1	0.03	5.6	<0.1	<0.05	6	1.2
1374233	Soil	6	29	1.83	229	0.037	2	2.52	0.007	0.06	0.1	0.03	10.4	<0.1	<0.05	7	<0.5
1374231	Soil	12	20	1.13	245	0.027	1	1.70	0.009	0.04	0.3	0.03	4.5	<0.1	<0.05	4	<0.5
1374230	Soil	20	14	2.11	139	0.003	<1	2.40	0.004	0.03	<0.1	<0.01	4.9	<0.1	<0.05	6	<0.5
1374234	Soil	7	20	1.54	201	0.031	<1	2.22	0.005	0.04	<0.1	0.04	6.4	<0.1	<0.05	7	0.7
1374235	Soil	15	13	1.66	121	0.007	1	1.99	0.003	0.04	<0.1	<0.01	7.9	<0.1	<0.05	6	<0.5
1374236	Soil	12	20	1.29	263	0.022	1	2.09	0.006	0.04	<0.1	0.03	5.9	<0.1	<0.05	6	<0.5
1374237	Soil	11	22	1.21	225	0.031	<1	2.07	0.006	0.04	<0.1	0.02	4.9	<0.1	<0.05	5	0.6
1374238	Soil	10	21	1.38	156	0.026	2	2.11	0.005	0.03	<0.1	0.02	5.6	<0.1	<0.05	5	<0.5

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1345558	Soil	0.2	108.0	6.4	73	0.3	23.0	23.8	821	5.23	3.3	0.5	14.9	2.2	19	0.2	0.3	<0.1	128	0.46	0.057
1345561	Soil	0.4	56.6	7.4	65	0.3	21.3	16.3	612	4.01	7.6	1.0	7.0	1.6	32	0.2	0.5	<0.1	72	0.71	0.072
1345556	Soil	0.4	41.0	9.0	64	0.3	24.4	13.9	546	3.18	6.8	1.0	3.8	2.9	29	0.2	0.4	<0.1	63	0.58	0.055
1345557	Soil	0.4	49.4	7.6	58	0.1	24.2	17.3	557	3.64	7.6	0.8	32.7	2.9	22	<0.1	0.3	<0.1	70	0.37	0.035
1345560	Soil	0.5	43.1	6.8	63	0.1	19.5	18.4	706	4.23	7.6	0.7	3.5	2.6	19	<0.1	0.4	<0.1	76	0.45	0.052
1345559	Soil	0.3	46.5	6.2	68	0.2	20.2	21.5	724	4.70	6.0	0.6	5.8	1.5	25	0.2	0.2	<0.1	81	0.62	0.067
1345562	Soil	0.5	30.1	7.3	60	0.3	15.7	15.9	693	3.83	8.8	0.6	2.4	2.1	19	<0.1	0.4	0.1	58	0.49	0.054
1345563	Soil	0.5	22.6	6.1	61	0.1	15.4	12.7	493	3.44	8.9	0.4	1.5	2.2	14	<0.1	0.3	<0.1	51	0.31	0.051
1345564	Soil	0.3	39.4	5.2	72	0.2	18.2	16.7	936	4.39	8.9	0.5	3.9	1.9	20	0.2	0.4	<0.1	63	0.55	0.070
1345565	Soil	0.4	33.1	4.4	68	0.2	14.2	14.0	631	3.64	6.8	0.5	3.5	1.6	18	<0.1	0.3	<0.1	55	0.46	0.070
1345566	Soil	0.4	31.6	5.8	70	0.2	15.8	14.9	656	3.62	6.3	0.6	3.9	1.7	28	0.1	0.3	<0.1	60	0.74	0.064
1349348	Soil	0.4	37.9	9.9	74	0.2	18.9	14.3	694	3.83	4.2	0.7	7.7	3.1	19	0.2	0.3	0.1	63	0.45	0.058
1349347	Soil	0.4	38.4	10.9	79	0.2	18.6	14.9	807	3.51	4.7	1.1	11.0	2.5	31	0.4	0.3	0.1	55	0.86	0.077
1349350	Soil	0.4	56.6	5.7	71	0.1	17.4	19.6	869	4.75	3.0	0.4	17.9	1.8	18	<0.1	0.8	<0.1	87	0.36	0.069
1374249	Soil	0.2	97.1	16.2	79	0.6	18.5	19.6	837	4.62	4.9	0.5	38.7	2.6	18	0.2	0.4	<0.1	77	0.45	0.061
1374250	Soil	0.1	54.1	24.8	105	0.4	12.6	14.9	789	4.24	8.0	0.5	26.1	2.9	8	0.3	0.3	<0.1	59	0.23	0.039
1349349	Soil	0.5	41.7	6.7	65	0.2	19.3	15.7	696	3.83	4.0	0.6	4.9	2.5	19	0.1	0.3	0.1	80	0.38	0.055
1349346	Soil	0.8	23.1	9.1	81	0.2	22.1	9.9	605	2.98	32.8	0.9	10.5	2.4	39	0.4	0.3	<0.1	49	0.66	0.112
1345552	Soil	0.2	98.7	6.9	77	0.5	37.6	31.9	1641	6.96	4.6	0.2	4.4	1.4	12	<0.1	0.1	<0.1	141	0.28	0.056
1345553	Soil	0.3	70.4	5.1	63	0.3	20.7	24.5	824	5.57	5.5	0.2	2.4	1.6	6	<0.1	0.2	<0.1	111	0.14	0.026
1345554	Soil	0.2	57.6	10.2	77	0.1	16.0	19.5	966	4.93	13.0	0.4	6.9	3.0	9	0.1	0.2	<0.1	58	0.29	0.064
1345555	Soil	<0.1	85.3	5.4	57	0.6	34.5	22.6	724	3.94	3.9	0.4	4.0	5.0	20	<0.1	<0.1	<0.1	90	0.59	0.075
1345567	Soil	0.2	29.1	3.0	79	0.1	11.0	18.8	888	4.29	2.7	0.3	109.4	0.8	16	0.1	0.5	<0.1	57	0.33	0.055
1345568	Soil	0.2	32.0	4.4	70	<0.1	11.6	13.2	687	4.45	7.5	0.5	7.9	2.0	16	<0.1	0.3	<0.1	56	0.35	0.058
1345569	Soil	0.4	46.7	4.0	69	<0.1	13.5	19.1	786	5.28	14.8	0.4	2.3	1.5	11	<0.1	0.3	<0.1	68	0.24	0.040
1345571	Soil	0.7	31.6	17.2	86	1.7	15.6	24.1	1288	5.10	96.6	0.4	66.7	4.1	13	0.3	0.6	<0.1	52	0.37	0.093
1345570	Soil	0.2	21.6	4.6	80	0.2	8.2	12.7	786	4.58	9.8	0.5	8.2	3.3	8	0.1	0.3	<0.1	55	0.27	0.076
1345572	Soil	0.5	19.0	12.2	73	0.3	6.7	17.9	660	5.16	11.0	0.4	1.3	2.6	5	<0.1	0.4	0.3	73	0.12	0.025
1345573	Soil	0.2	17.9	6.5	70	0.2	6.1	18.3	934	5.36	17.6	0.3	24.2	3.3	4	<0.1	0.2	<0.1	74	0.09	0.031
1345575	Soil	0.9	36.2	4.9	92	0.2	24.9	17.3	714	4.52	9.5	0.7	8.2	4.1	11	0.2	0.4	0.1	74	0.28	0.060

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1345558	Soil	9	26	2.61	229	0.020	<1	2.93	0.007	0.05	<0.1	0.02	16.8	<0.1	<0.05	9	<0.5
1345561	Soil	12	21	1.33	358	0.020	1	2.17	0.006	0.04	0.1	0.04	6.9	<0.1	<0.05	6	1.0
1345556	Soil	13	29	1.10	359	0.032	1	1.91	0.009	0.05	0.2	0.02	6.4	<0.1	<0.05	5	<0.5
1345557	Soil	10	30	1.46	242	0.053	2	1.97	0.010	0.05	<0.1	0.03	7.4	<0.1	<0.05	6	<0.5
1345560	Soil	11	24	1.51	246	0.037	2	2.31	0.007	0.04	<0.1	0.01	7.0	<0.1	<0.05	7	<0.5
1345559	Soil	7	21	1.65	224	0.016	<1	2.26	0.005	0.04	<0.1	0.02	8.2	<0.1	<0.05	7	0.9
1345562	Soil	9	20	1.41	247	0.020	2	2.05	0.006	0.03	0.1	0.02	5.5	<0.1	<0.05	6	<0.5
1345563	Soil	9	22	1.19	192	0.034	1	1.81	0.005	0.03	<0.1	0.01	3.5	<0.1	<0.05	5	<0.5
1345564	Soil	10	26	2.01	179	0.025	<1	2.42	0.005	0.04	<0.1	0.02	8.5	<0.1	<0.05	7	<0.5
1345565	Soil	6	17	1.55	205	0.026	<1	2.02	0.004	0.04	<0.1	0.02	4.8	<0.1	<0.05	6	<0.5
1345566	Soil	8	20	1.32	207	0.024	<1	1.93	0.005	0.04	<0.1	0.01	5.4	<0.1	<0.05	6	<0.5
1349348	Soil	14	26	1.54	248	0.021	1	2.22	0.005	0.04	<0.1	0.03	7.5	<0.1	<0.05	7	<0.5
1349347	Soil	12	20	1.37	245	0.015	2	1.97	0.005	0.05	0.1	0.03	6.1	<0.1	<0.05	6	<0.5
1349350	Soil	9	22	1.78	155	0.033	1	2.34	0.006	0.07	<0.1	0.02	7.6	<0.1	<0.05	8	<0.5
1374249	Soil	13	14	1.66	192	0.011	<1	2.48	0.005	0.05	<0.1	0.03	9.5	<0.1	<0.05	7	0.6
1374250	Soil	17	17	2.29	176	0.011	<1	2.81	0.003	0.03	<0.1	0.04	7.6	<0.1	<0.05	6	0.7
1349349	Soil	10	30	1.67	212	0.029	1	2.33	0.006	0.04	<0.1	0.03	9.0	<0.1	<0.05	7	0.6
1349346	Soil	11	23	1.11	288	0.021	<1	1.58	0.005	0.05	<0.1	0.02	3.3	<0.1	<0.05	5	0.8
1345552	Soil	6	39	3.07	194	0.006	<1	3.42	0.003	0.04	<0.1	0.02	14.9	<0.1	<0.05	11	<0.5
1345553	Soil	4	21	1.71	157	0.022	<1	2.64	0.004	0.03	<0.1	0.01	11.2	<0.1	<0.05	8	<0.5
1345554	Soil	13	14	1.82	181	0.010	<1	2.43	0.004	0.04	<0.1	0.03	6.4	<0.1	<0.05	7	<0.5
1345555	Soil	16	47	2.21	65	0.030	<1	2.15	0.002	0.08	<0.1	<0.01	13.9	<0.1	<0.05	7	<0.5
1345567	Soil	4	17	2.29	104	0.032	<1	2.52	0.003	0.05	<0.1	0.01	4.2	<0.1	<0.05	7	<0.5
1345568	Soil	9	14	1.81	201	0.028	<1	2.36	0.003	0.04	<0.1	0.02	4.5	<0.1	<0.05	7	<0.5
1345569	Soil	3	13	2.21	126	0.031	<1	2.74	0.003	0.04	<0.1	0.01	4.4	<0.1	<0.05	7	<0.5
1345571	Soil	18	10	1.76	140	0.009	<1	2.64	0.003	0.03	<0.1	0.01	5.8	<0.1	<0.05	6	<0.5
1345570	Soil	13	11	2.11	167	0.012	<1	2.53	0.003	0.03	<0.1	0.01	5.8	<0.1	<0.05	8	0.7
1345572	Soil	10	10	2.24	184	0.006	<1	3.26	0.003	0.03	<0.1	0.01	6.5	<0.1	<0.05	8	<0.5
1345573	Soil	23	9	1.85	132	0.012	<1	2.71	0.004	0.04	<0.1	0.03	8.7	<0.1	<0.05	8	<0.5
1345575	Soil	16	30	2.24	355	0.014	<1	2.77	0.003	0.03	<0.1	0.02	6.7	<0.1	<0.05	8	0.7

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1345574	Soil	0.9	27.2	5.6	85	0.3	18.1	17.1	731	4.52	7.3	0.8	9.6	3.7	11	<0.1	0.5	0.1	73	0.28	0.060
1374076	Soil	0.1	17.2	7.7	75	0.2	3.6	21.9	1405	5.14	6.8	0.5	12.1	3.0	12	0.2	0.4	<0.1	71	0.46	0.075
1374077	Soil	0.3	26.5	7.3	73	0.3	7.9	16.5	1119	4.66	5.2	0.5	5.6	2.5	12	<0.1	0.8	<0.1	80	0.34	0.066
1354393	Soil	0.3	34.2	14.0	90	0.2	30.0	13.7	476	3.48	11.3	1.1	6.7	6.0	21	0.3	0.2	0.2	68	0.42	0.099
1354394	Soil	1.1	41.9	11.7	117	0.2	36.5	11.7	390	4.24	34.6	1.3	10.7	5.5	30	0.3	0.3	0.1	64	0.39	0.095
1354395	Soil	0.3	29.3	6.0	109	0.2	17.0	9.8	646	3.91	31.6	1.1	10.1	5.7	22	0.4	0.1	<0.1	52	0.33	0.086
1354396	Soil	0.5	40.4	9.6	75	0.1	24.0	14.0	527	3.66	4.8	0.7	4.1	4.5	16	0.2	0.2	0.1	56	0.40	0.075
1354397	Soil	0.2	37.9	7.4	60	0.1	15.4	14.9	808	4.03	3.4	0.4	7.9	2.3	20	0.2	0.4	<0.1	81	0.39	0.051
1354398	Soil	0.3	115.3	4.7	59	<0.1	20.5	24.3	842	4.16	3.1	0.5	7.8	1.3	23	<0.1	0.5	<0.1	77	0.44	0.047
1354399	Soil	0.5	27.4	9.0	72	<0.1	23.3	10.9	493	2.95	6.1	0.7	2.6	3.6	16	<0.1	0.2	<0.1	48	0.34	0.055
1354400	Soil	0.6	49.6	9.3	57	0.1	23.8	15.0	382	3.63	10.5	0.6	4.6	3.9	15	0.1	0.5	0.1	75	0.19	0.018
1393126	Soil	0.2	58.0	5.2	56	0.2	21.1	16.8	889	2.56	4.9	0.7	5.9	3.6	19	<0.1	0.4	<0.1	49	0.40	0.078
1369752	Soil	0.2	109.3	9.7	89	0.7	19.8	29.2	1510	5.72	11.7	0.3	4.2	2.3	12	0.3	0.2	<0.1	87	0.33	0.082
1369753	Soil	0.3	124.1	13.6	86	0.6	36.7	33.4	1491	6.43	11.7	0.3	38.5	2.3	10	0.3	0.3	0.1	111	0.28	0.068
1369754	Soil	0.1	56.2	15.7	67	0.3	26.0	12.7	514	2.48	3.4	0.5	8.3	5.9	13	0.1	0.2	<0.1	43	0.35	0.086
1369774	Soil	0.6	30.4	7.2	64	0.3	15.8	13.4	652	3.57	8.1	0.8	5.0	2.9	16	<0.1	0.4	<0.1	54	0.40	0.056
1369775	Soil	0.5	30.8	10.1	68	0.3	18.1	12.6	574	3.33	7.4	0.8	4.3	2.9	17	<0.1	0.3	<0.1	53	0.40	0.054
1369773	Soil	0.5	34.8	8.2	63	0.3	18.2	13.5	711	3.23	7.7	1.0	3.9	2.3	28	0.2	0.4	0.1	54	0.73	0.065
1369772	Soil	0.2	33.9	4.0	70	0.3	12.6	22.8	1073	4.97	4.7	0.2	7.6	1.1	13	<0.1	0.2	<0.1	75	0.51	0.078
1369771	Soil	0.1	80.9	1.9	67	<0.1	31.4	22.5	1046	4.64	3.5	0.3	2.6	1.0	17	<0.1	0.4	<0.1	76	0.39	0.055
1369770	Soil	0.2	65.9	3.4	62	<0.1	28.1	23.1	754	4.43	2.5	0.3	7.1	0.9	18	<0.1	0.4	<0.1	75	0.26	0.026
1369769	Soil	1.1	39.6	7.7	85	0.4	19.7	18.6	1023	5.25	48.3	0.5	17.1	4.2	12	<0.1	0.4	<0.1	62	0.41	0.064
1369767	Soil	0.3	33.0	8.8	78	0.3	18.4	16.4	845	3.95	9.5	0.5	3.5	3.1	17	<0.1	0.4	<0.1	53	0.47	0.083
1369768	Soil	0.4	85.1	7.0	71	0.3	33.6	35.5	979	6.25	75.0	0.2	5.3	2.2	18	<0.1	0.4	<0.1	125	1.13	0.044
1369755	Soil	0.4	47.4	8.9	61	0.1	20.8	12.6	419	3.11	4.9	0.9	4.1	3.5	20	<0.1	0.4	<0.1	68	0.41	0.047
1369756	Soil	0.3	77.1	7.3	77	0.2	23.0	23.7	884	5.25	5.6	0.5	16.3	2.2	15	0.1	0.3	<0.1	95	0.40	0.054
1369757	Soil	0.5	118.7	9.6	88	0.3	23.9	21.7	1379	5.41	3.5	0.7	45.2	2.7	20	0.2	0.9	<0.1	101	0.53	0.102
1369758	Soil	0.6	65.2	8.0	77	0.3	20.7	17.9	655	4.48	7.1	0.6	7.1	2.3	21	<0.1	0.6	<0.1	84	0.55	0.058
1369759	Soil	0.4	63.7	6.9	76	0.3	18.9	17.2	751	4.58	6.6	0.6	8.9	1.8	25	0.1	0.5	<0.1	74	0.73	0.062
1369760	Soil	0.5	44.1	7.1	69	0.8	18.8	15.1	788	4.07	7.1	0.7	7.9	2.2	21	<0.1	0.4	<0.1	59	0.56	0.058

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1345574	Soil	16	22	2.05	334	0.011	<1	2.64	0.004	0.03	<0.1	0.02	6.8	<0.1	<0.05	8	<0.5
1374076	Soil	14	5	2.47	165	0.003	<1	2.96	0.002	0.03	<0.1	<0.01	9.4	<0.1	<0.05	7	<0.5
1374077	Soil	13	10	1.97	224	0.013	<1	2.59	0.003	0.02	<0.1	0.03	9.4	<0.1	<0.05	8	<0.5
1354393	Soil	23	47	2.02	273	0.052	1	2.22	0.005	0.07	<0.1	0.02	8.4	<0.1	<0.05	7	<0.5
1354394	Soil	18	34	1.92	246	0.032	<1	2.34	0.005	0.07	<0.1	0.02	4.5	<0.1	<0.05	7	<0.5
1354395	Soil	10	17	0.66	221	0.114	<1	0.94	0.003	0.30	<0.1	0.03	5.7	0.5	<0.05	5	<0.5
1354396	Soil	16	27	1.58	215	0.019	1	2.31	0.005	0.04	<0.1	0.03	6.1	<0.1	<0.05	6	<0.5
1354397	Soil	9	24	1.55	182	0.018	<1	2.22	0.005	0.05	<0.1	0.02	7.6	<0.1	<0.05	7	<0.5
1354398	Soil	4	22	1.78	222	0.087	<1	2.17	0.006	0.05	<0.1	0.02	5.2	<0.1	<0.05	7	0.7
1354399	Soil	10	27	1.00	223	0.027	1	1.78	0.005	0.04	<0.1	0.02	3.8	<0.1	<0.05	6	<0.5
1354400	Soil	11	31	0.91	247	0.050	<1	2.14	0.006	0.04	0.1	0.02	4.7	<0.1	<0.05	6	0.8
1393126	Soil	12	12	1.03	111	0.023	<1	1.25	0.005	0.05	<0.1	0.02	6.6	<0.1	<0.05	5	<0.5
1369752	Soil	10	22	2.28	105	0.022	2	2.77	0.003	0.04	<0.1	0.01	12.3	<0.1	<0.05	8	<0.5
1369753	Soil	7	42	2.50	134	0.010	2	2.83	0.003	0.05	<0.1	0.02	14.6	<0.1	<0.05	9	<0.5
1369754	Soil	17	17	1.10	121	0.035	1	1.35	0.007	0.06	<0.1	0.03	5.8	<0.1	<0.05	5	<0.5
1369774	Soil	13	20	1.21	246	0.023	2	2.00	0.005	0.03	<0.1	0.02	5.3	<0.1	<0.05	5	<0.5
1369775	Soil	14	21	1.19	276	0.024	2	2.03	0.005	0.04	<0.1	0.03	5.0	<0.1	<0.05	6	<0.5
1369773	Soil	13	20	1.11	305	0.019	2	2.00	0.006	0.04	<0.1	0.03	5.1	<0.1	<0.05	6	0.6
1369772	Soil	5	23	1.81	55	0.014	2	2.29	0.002	0.02	<0.1	0.02	9.1	<0.1	<0.05	6	<0.5
1369771	Soil	3	58	2.13	121	0.032	<1	2.47	0.004	0.02	<0.1	0.01	6.8	<0.1	<0.05	6	0.7
1369770	Soil	5	67	2.22	98	0.052	<1	2.54	<0.001	0.02	<0.1	0.02	5.3	<0.1	<0.05	6	<0.5
1369769	Soil	25	22	1.95	71	0.004	2	2.76	0.003	0.02	<0.1	0.02	6.5	<0.1	<0.05	7	<0.5
1369767	Soil	15	23	1.61	148	0.014	1	2.02	0.004	0.04	<0.1	0.01	6.3	<0.1	<0.05	6	<0.5
1369768	Soil	12	44	2.60	50	0.004	<1	3.12	0.002	0.01	<0.1	0.01	17.1	<0.1	<0.05	9	0.8
1369755	Soil	12	24	1.17	249	0.035	2	1.95	0.007	0.05	0.1	0.01	6.6	<0.1	<0.05	6	<0.5
1369756	Soil	7	29	1.93	146	0.018	1	2.56	0.004	0.04	<0.1	<0.01	11.7	<0.1	<0.05	8	<0.5
1369757	Soil	11	18	1.62	356	0.019	<1	2.57	0.007	0.05	<0.1	0.03	8.6	<0.1	<0.05	8	<0.5
1369758	Soil	10	20	1.47	235	0.027	2	2.22	0.005	0.04	<0.1	0.02	7.5	<0.1	<0.05	7	<0.5
1369759	Soil	10	23	1.83	236	0.016	1	2.47	0.005	0.05	<0.1	0.04	8.8	<0.1	<0.05	6	1.3
1369760	Soil	13	20	1.50	277	0.018	1	2.19	0.005	0.04	<0.1	0.03	6.4	<0.1	<0.05	6	<0.5

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1369761	Soil	0.4	39.2	9.1	63	0.3	19.4	16.7	689	3.57	7.8	1.0	8.0	2.9	22	0.1	0.4	0.1	57	0.56	0.062
1369762	Soil	0.3	39.6	4.1	72	0.1	13.2	17.1	736	4.40	5.2	0.4	7.2	1.4	9	<0.1	0.3	<0.1	52	0.23	0.045
1369763	Soil	<0.1	27.4	7.3	68	0.9	11.3	16.7	883	3.95	1.7	0.1	5.0	0.8	9	<0.1	0.1	<0.1	40	0.26	0.069
1369764	Soil	0.1	31.7	5.5	57	<0.1	12.9	14.0	749	3.77	4.1	0.3	6.3	2.4	7	<0.1	0.2	<0.1	40	0.21	0.050
1369765	Soil	0.7	59.2	11.2	125	0.5	25.9	16.0	611	4.25	11.2	0.7	6.4	3.7	9	<0.1	0.5	<0.1	51	0.22	0.047
1369766	Soil	0.7	52.2	9.4	88	0.4	24.1	19.2	878	4.77	6.2	0.5	15.6	3.7	7	<0.1	0.6	<0.1	53	0.19	0.046
1392770	Soil	0.7	47.9	8.6	86	0.2	7.9	16.5	1094	4.77	2.3	0.7	6.4	3.3	14	<0.1	0.2	0.1	78	0.32	0.067
1392763	Soil	0.8	45.3	12.6	88	0.1	28.3	12.6	684	3.94	142.2	0.8	9.1	5.5	10	0.2	0.3	<0.1	36	0.27	0.096
1392771	Soil	0.7	20.1	6.4	68	<0.1	11.7	11.9	552	3.55	4.1	0.8	5.7	2.9	11	<0.1	0.3	<0.1	65	0.21	0.032
1392781	Soil	1.3	28.6	13.3	82	0.2	25.8	11.5	414	3.29	126.5	0.8	14.8	4.1	13	<0.1	0.4	0.1	49	0.15	0.049
1392776	Soil	0.8	20.1	9.3	94	<0.1	10.7	27.2	1268	6.20	6.3	0.5	4.2	2.8	8	<0.1	0.1	0.2	109	0.14	0.039
1392782	Soil	3.8	23.2	23.6	91	0.3	36.8	23.3	879	3.44	33.6	2.4	14.6	7.6	26	0.4	0.4	0.2	34	0.33	0.110
1392777	Soil	5.5	52.3	67.1	108	0.7	47.4	21.1	1196	4.57	63.6	1.4	4.6	6.5	12	0.6	0.2	0.7	15	0.17	0.093
1392779	Soil	1.0	28.8	11.6	70	0.2	14.5	14.5	559	4.00	13.4	0.8	5.4	4.1	7	<0.1	0.4	<0.1	51	0.11	0.016
1392765	Soil	0.9	29.3	13.9	108	<0.1	8.8	17.4	617	4.14	5.4	0.6	7.7	3.1	5	0.2	0.3	<0.1	36	0.08	0.016
1392768	Soil	0.5	32.0	10.9	83	<0.1	19.2	13.3	569	3.39	10.4	1.0	2.7	4.3	12	<0.1	0.4	0.2	45	0.28	0.078
1392766	Soil	0.4	25.0	5.2	61	<0.1	12.6	17.7	615	4.23	4.9	0.4	4.0	2.1	4	<0.1	0.3	<0.1	73	0.07	0.018
1392778	Soil	0.2	49.2	4.9	74	<0.1	11.4	16.1	986	3.99	2.6	0.4	3.6	1.6	20	<0.1	0.4	<0.1	59	0.37	0.081
1392758	Soil	1.3	33.2	15.2	81	0.2	16.9	19.3	858	4.70	13.9	0.7	11.3	3.3	16	0.2	0.3	0.2	47	0.28	0.060
1354324	Soil	2.7	37.6	26.5	114	0.5	18.9	11.1	385	3.54	8.7	1.6	9.1	3.5	17	0.4	0.3	0.2	48	0.26	0.093
1392753	Soil	1.2	34.2	14.9	127	0.3	20.0	13.8	552	3.24	10.7	1.1	10.0	7.8	14	0.4	0.2	0.2	25	0.25	0.097
1392757	Soil	1.2	31.5	15.9	83	0.2	25.9	12.6	462	3.50	40.4	0.8	8.3	4.5	13	<0.1	0.3	0.2	49	0.22	0.055
1392754	Soil	1.0	43.9	10.9	88	<0.1	28.3	17.2	466	3.85	41.2	1.0	14.7	5.7	11	<0.1	0.4	0.1	60	0.14	0.033
1392761	Soil	0.9	33.7	11.6	71	0.2	20.9	13.7	612	3.86	18.5	0.8	7.0	4.8	7	<0.1	0.3	<0.1	48	0.10	0.026
1392760	Soil	1.0	35.3	26.5	70	0.3	21.0	18.9	1477	3.78	11.6	0.7	15.9	4.7	10	0.2	0.2	0.2	48	0.26	0.064
1392764	Soil	0.3	43.5	7.2	70	<0.1	12.8	18.2	805	4.80	18.9	0.4	8.1	2.7	4	<0.1	0.1	<0.1	44	0.12	0.040
1392762	Soil	1.0	28.2	10.8	67	0.1	19.5	12.8	508	3.65	37.7	0.8	10.7	4.3	9	<0.1	0.4	<0.1	50	0.14	0.028
1392756	Soil	0.9	26.3	13.3	74	0.2	23.7	9.9	326	3.25	134.6	0.6	11.5	3.9	12	<0.1	0.3	0.1	50	0.13	0.054
1392751	Rock Pulp	2.1	23.0	2.3	40	0.3	22.9	10.0	375	2.31	4.7	0.3	2.2	0.9	38	0.2	0.3	<0.1	65	0.83	0.053
1392759	Soil	0.8	31.7	12.7	75	0.1	18.8	13.2	638	3.72	44.5	0.7	49.3	3.8	11	<0.1	0.4	0.1	56	0.17	0.038

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1369761	Soil	15	20	1.22	285	0.020	2	2.03	0.006	0.04	0.1	0.03	5.6	<0.1	<0.05	5	<0.5
1369762	Soil	9	18	1.72	98	0.040	1	2.35	0.005	0.03	<0.1	0.03	5.5	<0.1	<0.05	6	<0.5
1369763	Soil	4	13	1.84	49	0.039	1	2.08	0.001	0.03	<0.1	<0.01	3.0	<0.1	<0.05	5	<0.5
1369764	Soil	8	11	1.56	62	0.031	1	1.97	0.002	0.03	<0.1	0.01	4.5	<0.1	<0.05	6	<0.5
1369765	Soil	18	31	1.70	144	0.036	2	2.32	0.002	0.02	<0.1	0.01	4.4	<0.1	<0.05	6	0.8
1369766	Soil	24	26	1.97	163	0.016	1	2.47	0.002	0.03	<0.1	0.03	6.4	<0.1	<0.05	7	1.2
1392770	Soil	17	6	1.70	276	0.032	2	2.24	0.003	0.08	<0.1	0.02	9.4	<0.1	<0.05	8	<0.5
1392763	Soil	14	22	1.24	144	0.007	1	1.86	0.002	0.03	<0.1	0.03	5.1	<0.1	<0.05	4	<0.5
1392771	Soil	11	15	1.36	240	0.039	<1	1.95	0.004	0.05	<0.1	0.02	7.6	<0.1	<0.05	7	<0.5
1392781	Soil	19	29	1.33	234	0.022	2	2.01	0.004	0.05	<0.1	0.02	4.0	<0.1	<0.05	5	<0.5
1392776	Soil	9	15	3.12	182	0.061	3	3.12	0.002	0.11	<0.1	<0.01	14.4	0.1	<0.05	9	<0.5
1392782	Soil	28	23	1.17	706	0.002	2	1.68	0.003	0.08	<0.1	0.03	5.5	<0.1	<0.05	4	<0.5
1392777	Soil	15	8	0.12	109	<0.001	1	0.31	0.002	0.04	<0.1	0.02	2.3	<0.1	<0.05	<1	1.0
1392779	Soil	13	20	1.41	160	0.016	1	2.22	0.004	0.04	<0.1	0.03	5.1	<0.1	<0.05	6	<0.5
1392765	Soil	10	9	1.46	151	0.006	<1	2.16	0.002	0.03	<0.1	0.01	4.8	<0.1	<0.05	5	0.8
1392768	Soil	12	16	1.03	214	0.012	<1	1.35	0.003	0.04	<0.1	0.01	5.7	<0.1	<0.05	4	<0.5
1392766	Soil	4	24	2.08	144	0.016	1	2.75	0.002	0.03	<0.1	0.02	6.8	<0.1	<0.05	7	<0.5
1392778	Soil	9	16	2.16	75	0.004	2	2.48	0.003	0.03	<0.1	0.01	5.3	<0.1	<0.05	7	0.6
1392758	Soil	12	16	1.85	269	0.007	<1	2.22	0.004	0.06	<0.1	0.02	6.0	<0.1	<0.05	6	0.6
1354324	Soil	24	22	1.24	384	0.008	<1	1.94	0.004	0.06	<0.1	0.07	4.8	<0.1	<0.05	6	<0.5
1392753	Soil	22	17	1.14	351	0.009	<1	1.60	0.004	0.05	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
1392757	Soil	16	25	1.42	260	0.015	<1	1.96	0.006	0.05	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5
1392754	Soil	24	39	1.55	205	0.049	<1	2.02	0.004	0.04	0.1	0.03	8.5	<0.1	<0.05	6	<0.5
1392761	Soil	15	22	1.12	188	0.018	<1	2.09	0.004	0.03	<0.1	0.04	4.6	<0.1	<0.05	5	0.8
1392760	Soil	13	13	1.53	184	0.007	<1	1.94	0.003	0.04	<0.1	0.01	6.3	<0.1	<0.05	5	<0.5
1392764	Soil	9	10	1.35	101	0.004	<1	2.04	0.002	0.02	<0.1	0.02	8.2	<0.1	<0.05	5	<0.5
1392762	Soil	14	24	1.11	203	0.023	<1	2.14	0.006	0.03	<0.1	0.02	5.1	<0.1	<0.05	5	<0.5
1392756	Soil	17	27	1.36	206	0.021	<1	2.05	0.005	0.05	<0.1	0.02	3.8	<0.1	<0.05	5	0.5
1392751	Rock Pulp	4	30	0.75	88	0.122	1	1.47	0.071	0.11	11.8	0.01	4.7	<0.1	<0.05	4	<0.5
1392759	Soil	13	21	1.34	222	0.023	<1	2.15	0.004	0.04	<0.1	0.04	5.5	<0.1	<0.05	6	<0.5

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1392752	Soil	1.3	67.3	19.7	179	0.4	15.7	18.9	490	5.25	12.6	1.3	25.2	4.6	6	0.3	0.3	0.2	47	0.07	0.057
1392755	Soil	1.3	24.9	13.9	76	0.2	21.9	9.0	314	3.09	87.5	1.0	92.3	3.9	12	0.2	0.2	0.1	48	0.14	0.053
1354325	Soil	6.4	52.8	36.5	90	0.8	21.0	13.7	469	4.45	10.1	2.0	9.9	2.8	20	0.5	0.3	0.2	55	0.32	0.098
1354323	Soil	0.9	61.8	6.9	71	0.2	11.7	18.1	1332	4.04	9.8	1.2	14.3	6.3	3	0.3	0.3	0.6	20	0.05	0.064
1392767	Soil	0.1	30.8	4.5	55	<0.1	8.4	13.4	869	3.22	2.0	0.4	5.3	1.4	8	<0.1	0.2	<0.1	36	0.15	0.048
1392773	Soil	0.4	23.7	6.7	62	0.1	12.8	12.3	489	3.68	4.5	0.4	4.4	2.7	5	<0.1	0.2	<0.1	45	0.08	0.021
1392769	Soil	0.3	11.7	3.6	92	<0.1	3.6	6.7	817	3.71	3.0	0.8	8.1	5.1	12	<0.1	0.2	<0.1	14	0.28	0.091
1392775	Soil	0.2	13.3	2.9	67	<0.1	4.7	15.6	684	3.67	1.5	0.5	3.6	1.0	17	<0.1	0.4	<0.1	54	0.24	0.050
1392780	Soil	1.1	24.5	13.9	69	0.1	15.8	15.2	575	3.79	39.9	0.4	5.2	3.3	5	<0.1	0.3	0.1	57	0.09	0.027
1392772	Soil	0.7	34.7	6.7	84	<0.1	7.9	19.6	1099	5.01	3.4	0.5	8.0	3.1	8	0.1	0.2	<0.1	46	0.21	0.051
1392774	Soil	<0.1	16.6	3.4	69	<0.1	4.9	17.3	788	4.03	1.7	0.6	4.2	1.4	14	<0.1	0.5	<0.1	69	0.22	0.044
1392784	Soil	2.8	77.8	56.4	608	1.6	32.0	17.0	562	4.21	129.8	0.9	10.9	6.1	10	6.1	1.4	0.3	37	0.27	0.101
1392785	Soil	0.4	13.7	10.9	70	<0.1	4.5	9.5	999	3.02	3.2	0.6	16.7	4.6	6	<0.1	0.2	0.1	27	0.21	0.091
1392790	Soil	0.3	56.6	5.0	66	0.1	10.1	14.4	572	4.05	2.6	0.2	8.0	1.7	4	<0.1	0.2	<0.1	57	0.09	0.021
1392793	Soil	0.5	69.5	7.9	67	0.3	22.6	25.1	1003	5.01	17.1	0.5	3.7	2.1	17	<0.1	0.3	0.1	100	0.41	0.032
1392791	Soil	0.5	90.6	9.8	63	<0.1	22.7	28.6	890	5.37	11.8	0.6	7.8	2.5	5	<0.1	0.4	0.2	92	0.09	0.021
1392796	Soil	0.1	51.8	7.3	62	<0.1	10.6	19.3	886	4.76	2.7	0.5	7.9	3.0	4	<0.1	0.2	<0.1	66	0.07	0.017
1392783	Soil	1.5	54.8	12.1	103	0.7	33.2	19.6	750	4.44	12.7	0.7	11.1	7.0	10	0.2	0.5	0.2	43	0.36	0.096
1392798	Soil	0.9	44.0	15.1	109	0.5	37.7	21.1	460	4.44	56.4	2.0	7.0	5.7	35	0.5	0.3	0.1	72	0.49	0.077
1392792	Soil	0.5	33.5	7.7	49	0.1	20.4	11.8	444	2.72	9.3	0.8	5.4	4.0	14	<0.1	0.4	0.1	55	0.23	0.028
1392799	Soil	1.2	32.2	18.8	115	0.3	31.4	18.3	728	4.52	33.4	0.9	6.4	3.9	17	0.2	<0.1	0.1	71	0.24	0.096
1392802	Soil	1.7	41.5	15.8	94	0.3	31.7	15.1	506	4.03	119.9	0.5	8.8	4.8	15	0.1	0.2	0.1	51	0.22	0.073
1392800	Soil	1.7	32.8	15.6	96	0.3	27.1	12.6	425	3.67	64.4	0.8	7.5	2.7	14	0.2	0.2	0.1	53	0.17	0.076
1392806	Soil	<0.1	15.6	7.6	73	<0.1	5.1	16.2	953	4.49	2.9	0.3	2.3	2.8	7	0.1	<0.1	<0.1	58	0.18	0.065
1392797	Soil	0.4	32.2	8.0	70	<0.1	10.6	14.5	892	4.33	5.2	0.5	80.8	3.2	9	<0.1	0.2	<0.1	45	0.14	0.042
1392788	Soil	0.2	14.9	9.2	73	<0.1	6.5	21.2	1054	4.85	9.5	0.7	6.7	1.6	21	<0.1	0.5	<0.1	109	0.21	0.039
1392789	Soil	<0.1	26.3	2.8	70	<0.1	9.9	18.6	1006	4.90	2.0	0.5	6.9	1.5	5	<0.1	0.2	<0.1	82	0.12	0.031
1392805	Soil	0.3	30.7	6.9	63	<0.1	10.0	17.5	769	4.07	4.5	0.4	<0.5	3.5	3	<0.1	0.1	<0.1	54	0.09	0.037
1392786	Soil	0.4	17.5	4.9	79	<0.1	12.2	18.1	1008	5.05	5.5	0.7	2.9	3.0	11	<0.1	0.3	<0.1	114	0.17	0.036
1392803	Soil	0.7	45.4	21.3	81	0.7	29.0	21.0	1106	3.17	34.0	0.9	5.7	3.0	28	0.5	0.2	0.2	46	0.69	0.090

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1392752	Soil	15	19	1.84	212	0.006	<1	2.33	0.003	0.03	<0.1	0.07	7.0	<0.1	<0.05	6	1.0	<0.2
1392755	Soil	19	29	1.17	227	0.026	<1	1.90	0.005	0.06	<0.1	0.02	3.6	<0.1	<0.05	6	0.7	<0.2
1354325	Soil	25	24	1.13	717	0.006	<1	2.03	0.005	0.06	<0.1	0.06	4.6	<0.1	<0.05	6	0.6	<0.2
1354323	Soil	16	9	0.91	101	0.007	<1	1.29	0.002	0.02	<0.1	0.04	3.8	<0.1	<0.05	3	0.7	<0.2
1392767	Soil	6	9	2.01	51	0.024	<1	2.07	0.002	0.03	<0.1	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1392773	Soil	9	17	1.33	123	0.017	<1	2.30	0.004	0.03	<0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1392769	Soil	18	4	1.63	166	0.042	<1	1.93	0.002	0.10	<0.1	<0.01	6.2	<0.1	<0.05	6	<0.5	<0.2
1392775	Soil	5	6	1.75	69	0.048	<1	1.77	0.002	0.03	<0.1	0.01	6.4	<0.1	<0.05	6	<0.5	<0.2
1392780	Soil	10	18	1.44	110	0.015	<1	2.37	0.003	0.04	<0.1	<0.01	3.9	<0.1	<0.05	6	0.5	<0.2
1392772	Soil	11	9	1.36	171	0.007	<1	1.95	0.002	0.05	<0.1	0.03	7.4	<0.1	<0.05	5	<0.5	<0.2
1392774	Soil	8	7	1.79	107	0.034	<1	1.96	0.002	0.03	<0.1	<0.01	7.3	<0.1	<0.05	6	0.6	<0.2
1392784	Soil	18	16	0.31	79	<0.001	<1	0.58	0.002	0.04	<0.1	0.14	4.6	0.1	<0.05	3	1.1	<0.2
1392785	Soil	20	6	0.91	230	0.010	<1	1.56	0.004	0.06	<0.1	0.01	5.2	<0.1	<0.05	5	<0.5	<0.2
1392790	Soil	7	12	1.64	122	0.016	<1	2.41	0.003	0.03	<0.1	0.01	5.2	<0.1	<0.05	6	<0.5	<0.2
1392793	Soil	8	25	1.66	217	0.019	<1	2.97	0.007	0.03	<0.1	0.03	9.8	<0.1	<0.05	8	<0.5	<0.2
1392791	Soil	6	22	1.98	106	0.077	<1	2.71	0.002	0.04	<0.1	<0.01	9.2	<0.1	<0.05	7	0.8	<0.2
1392796	Soil	13	13	2.50	124	0.006	<1	3.03	0.002	0.03	<0.1	0.05	9.0	<0.1	<0.05	7	<0.5	<0.2
1392783	Soil	23	28	1.33	123	0.007	<1	1.79	0.003	0.03	<0.1	0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1392798	Soil	27	48	2.25	348	0.006	<1	2.80	0.004	0.07	<0.1	0.03	9.5	<0.1	<0.05	7	1.0	<0.2
1392792	Soil	16	27	0.75	234	0.046	<1	1.58	0.008	0.04	0.2	0.02	5.8	<0.1	<0.05	4	0.5	<0.2
1392799	Soil	24	46	3.22	128	0.009	<1	3.03	0.002	0.05	<0.1	<0.01	5.3	<0.1	<0.05	8	1.1	<0.2
1392802	Soil	17	30	2.14	202	0.006	<1	2.51	0.003	0.05	<0.1	<0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1392800	Soil	21	32	1.84	184	0.010	<1	2.36	0.003	0.06	<0.1	0.01	2.8	<0.1	<0.05	6	0.8	<0.2
1392806	Soil	13	6	2.20	95	0.005	<1	2.45	0.002	0.02	<0.1	0.02	6.2	<0.1	<0.05	7	<0.5	<0.2
1392797	Soil	13	13	1.29	189	0.015	1	2.07	0.006	0.04	<0.1	0.03	5.7	<0.1	<0.05	5	<0.5	<0.2
1392788	Soil	7	7	1.69	144	0.030	1	2.07	0.006	0.06	<0.1	<0.01	11.1	<0.1	<0.05	8	0.5	<0.2
1392789	Soil	13	26	2.50	76	0.022	<1	2.87	0.003	0.03	<0.1	<0.01	9.8	<0.1	<0.05	8	<0.5	<0.2
1392805	Soil	11	12	2.17	62	0.008	<1	2.67	0.002	0.02	<0.1	<0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1392786	Soil	10	18	2.26	227	0.060	<1	2.78	0.006	0.06	<0.1	<0.01	15.6	<0.1	<0.05	9	0.5	<0.2
1392803	Soil	15	20	1.50	359	0.006	<1	2.17	0.006	0.06	<0.1	0.03	4.4	<0.1	<0.05	6	0.7	<0.2

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1392801	Rock Pulp	1.1	560.2	20.9	67	0.2	275.3	98.6	980	18.98	3.5	1.2	35.9	7.6	15	<0.1	0.2	0.2	233	0.43
1392787	Soil	0.2	16.7	4.7	83	<0.1	5.9	22.9	1246	5.93	3.2	0.6	3.5	2.3	7	<0.1	0.3	<0.1	109	0.13
1392795	Soil	0.1	50.8	3.3	58	<0.1	13.3	14.7	754	3.14	2.6	0.2	5.0	1.1	10	<0.1	0.3	<0.1	47	0.15
1392794	Soil	<0.1	89.7	3.1	67	0.3	23.3	27.2	1185	5.75	3.5	0.2	5.2	1.5	10	<0.1	<0.1	<0.1	128	0.32
1357018	Soil	0.3	30.0	8.2	61	0.2	14.2	15.5	942	2.92	7.1	0.6	12.9	2.0	27	0.2	0.3	<0.1	53	0.79
1357019	Soil	0.3	36.1	11.4	75	0.5	16.9	15.6	505	4.06	8.8	1.0	11.1	3.2	22	0.2	0.5	0.1	68	0.58
1392804	Soil	1.4	31.8	21.6	97	0.4	17.3	20.7	1147	5.09	580.3	0.6	30.9	4.7	10	0.5	0.8	0.1	53	0.23
1357017	Soil	0.5	31.2	13.4	74	0.2	16.9	14.4	811	2.90	7.8	0.8	8.2	2.3	30	0.2	0.4	<0.1	60	0.71
1357016	Soil	0.5	27.3	11.3	88	0.2	17.0	16.7	566	3.73	9.5	0.5	11.0	2.4	25	0.2	0.3	<0.1	61	0.56
1357015	Soil	0.3	39.2	12.9	95	0.1	34.9	19.1	431	4.14	16.3	1.0	3.2	6.2	28	0.2	0.2	0.1	69	0.47
1354918	Soil	0.5	37.1	7.8	58	0.2	19.5	12.2	406	3.13	8.0	0.6	4.5	3.2	12	0.1	0.3	<0.1	65	0.20
1357011	Soil	0.4	57.8	13.5	94	0.4	31.0	16.1	628	3.78	20.6	0.8	14.3	4.4	23	0.4	0.5	0.1	61	0.54
1354920	Soil	<0.1	34.0	9.6	28	<0.1	17.0	6.6	183	0.89	3.3	1.3	1.9	5.0	18	<0.1	0.2	<0.1	13	0.31
1357014	Soil	0.5	25.4	14.8	93	0.1	20.8	11.9	349	3.01	8.9	1.0	3.2	7.3	32	0.3	0.2	0.1	48	0.46
1357013	Soil	1.6	46.7	15.5	115	0.3	50.3	15.8	592	4.38	22.2	1.1	1.7	7.1	31	0.5	<0.1	0.1	55	0.47
1354915	Soil	0.4	40.1	6.7	55	0.1	21.0	12.8	390	2.69	6.0	0.6	1.2	3.9	17	<0.1	0.2	<0.1	56	0.32
1357010	Soil	0.6	31.0	9.7	81	0.4	25.4	12.5	520	3.31	16.3	0.9	6.9	4.2	20	0.1	0.4	0.1	57	0.41
1354904	Soil	0.3	31.2	6.7	63	0.3	17.0	17.4	710	3.55	7.8	0.4	0.8	2.3	20	0.1	0.2	<0.1	59	0.61
1357040	Soil	1.0	37.7	36.1	167	0.4	21.9	15.9	617	3.53	28.9	0.9	7.9	3.7	31	1.0	0.4	0.1	48	0.59
1357049	Soil	1.3	54.1	18.3	143	0.3	32.3	26.5	553	4.01	16.2	1.4	3.7	6.1	31	0.5	0.4	0.1	56	0.66
1357007	Soil	0.7	19.6	9.5	57	0.3	17.3	13.3	722	2.98	13.4	1.2	4.4	3.4	27	<0.1	0.4	0.1	56	0.66
1354914	Soil	0.4	82.1	5.7	64	0.1	18.8	24.0	857	5.01	4.8	0.6	3.5	1.9	12	<0.1	0.2	<0.1	104	0.28
1357035	Soil	1.5	28.7	11.5	94	0.3	25.4	11.8	562	3.86	19.2	0.6	2.5	4.2	18	0.6	0.3	<0.1	55	0.27
1357050	Soil	1.0	69.5	18.8	241	0.6	18.5	23.8	1282	4.72	57.1	1.5	17.9	4.5	26	2.5	0.3	0.2	55	0.62
1354913	Soil	0.5	101.3	10.9	87	0.4	26.2	33.1	1599	6.69	16.3	0.7	10.6	1.8	15	0.4	0.2	<0.1	151	0.37
1357012	Soil	0.5	24.9	9.6	76	0.2	17.5	13.8	546	3.13	12.2	0.8	10.2	3.0	21	0.2	0.4	<0.1	61	0.45
1357006	Soil	0.8	23.1	12.4	72	0.2	18.7	13.2	415	2.98	15.0	0.9	8.0	3.8	30	0.4	0.4	0.1	51	0.75
1354917	Soil	0.3	52.9	8.7	73	0.4	18.1	17.7	795	4.08	7.5	0.6	9.0	2.7	19	<0.1	0.3	<0.1	63	0.37
1357004	Soil	0.5	9.4	9.0	75	0.2	14.3	9.1	318	2.54	9.3	0.6	1.8	3.2	17	<0.1	0.2	0.1	47	0.33
1354905	Soil	0.1	32.1	9.9	69	0.2	12.3	15.8	917	4.36	4.3	0.4	3.1	2.9	6	<0.1	0.2	<0.1	54	0.21

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1392801	Rock Pulp	18	781	0.16	164	0.175	5	4.21	0.015	0.08	<0.1	0.02	47.1	<0.1	<0.05	20	1.0
1392787	Soil	7	8	2.91	188	0.028	<1	2.98	0.004	0.04	<0.1	<0.01	15.6	<0.1	<0.05	10	<0.5
1392795	Soil	5	18	1.76	59	0.056	<1	2.23	0.004	0.02	<0.1	0.02	4.0	<0.1	<0.05	5	<0.5
1392794	Soil	8	24	3.03	39	0.005	<1	3.16	0.003	0.03	<0.1	<0.01	13.4	<0.1	<0.05	9	<0.5
1357018	Soil	9	16	1.29	248	0.022	1	1.85	0.007	0.03	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
1357019	Soil	14	19	1.53	334	0.027	<1	2.43	0.008	0.03	<0.1	0.02	7.1	<0.1	<0.05	6	<0.5
1392804	Soil	16	14	1.34	174	0.010	<1	2.22	0.005	0.04	<0.1	0.02	6.3	<0.1	<0.05	6	0.9
1357017	Soil	11	21	1.18	299	0.026	<1	1.90	0.009	0.03	0.1	0.04	5.1	<0.1	<0.05	5	<0.5
1357016	Soil	9	19	1.40	188	0.021	<1	1.92	0.007	0.04	0.1	0.03	5.1	<0.1	<0.05	6	0.8
1357015	Soil	20	48	2.49	94	0.076	<1	2.25	0.004	0.06	<0.1	<0.01	8.0	<0.1	<0.05	7	<0.5
1354918	Soil	12	27	1.09	251	0.024	<1	2.12	0.007	0.04	<0.1	0.02	5.8	<0.1	<0.05	6	<0.5
1357011	Soil	17	26	1.71	250	0.024	<1	2.33	0.008	0.05	<0.1	0.02	6.1	<0.1	<0.05	7	<0.5
1354920	Soil	15	8	0.38	120	0.038	<1	0.56	0.005	0.06	<0.1	<0.01	3.3	<0.1	<0.05	2	0.5
1357014	Soil	20	26	1.43	156	0.096	<1	1.66	0.006	0.19	<0.1	0.02	6.5	0.2	<0.05	6	<0.5
1357013	Soil	22	35	2.56	139	0.058	<1	2.42	0.005	0.07	<0.1	0.01	3.0	<0.1	<0.05	6	0.5
1354915	Soil	11	22	0.99	157	0.031	<1	1.49	0.009	0.05	0.1	0.01	5.9	<0.1	<0.05	5	<0.5
1357010	Soil	18	24	1.44	312	0.027	<1	2.35	0.008	0.05	<0.1	0.04	5.1	<0.1	<0.05	6	0.6
1354904	Soil	10	19	1.39	137	0.017	<1	2.03	0.006	0.03	<0.1	0.01	6.4	<0.1	<0.05	5	<0.5
1357040	Soil	13	29	1.62	310	0.030	<1	1.99	0.006	0.04	<0.1	0.38	4.8	<0.1	<0.05	5	0.8
1357049	Soil	16	37	1.84	162	0.082	<1	1.86	0.006	0.06	<0.1	0.16	8.2	<0.1	<0.05	5	1.1
1357007	Soil	14	20	0.98	451	0.034	1	2.02	0.010	0.04	0.1	0.03	5.3	<0.1	<0.05	6	<0.5
1354914	Soil	6	16	1.96	158	0.017	<1	2.55	0.006	0.03	<0.1	0.02	11.6	<0.1	<0.05	8	0.5
1357035	Soil	14	30	1.64	379	0.016	<1	2.26	0.007	0.05	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5
1357050	Soil	14	20	1.88	231	0.004	<1	2.44	0.006	0.04	<0.1	0.03	7.8	<0.1	<0.05	6	1.5
1354913	Soil	5	26	1.62	180	0.010	<1	2.30	0.006	0.04	<0.1	0.01	22.0	<0.1	<0.05	8	<0.5
1357012	Soil	11	22	1.41	244	0.024	<1	2.06	0.007	0.04	0.1	0.03	5.1	<0.1	<0.05	6	<0.5
1357006	Soil	15	20	0.96	285	0.041	1	1.80	0.011	0.04	0.1	0.02	4.7	<0.1	<0.05	5	<0.5
1354917	Soil	9	19	1.44	178	0.052	<1	2.27	0.010	0.06	<0.1	0.03	6.1	<0.1	<0.05	6	<0.5
1357004	Soil	11	21	1.10	110	0.040	1	1.69	0.007	0.04	0.2	0.02	3.2	<0.1	<0.05	6	<0.5
1354905	Soil	8	12	1.90	83	0.005	<1	2.47	0.003	0.03	<0.1	0.02	6.1	<0.1	<0.05	6	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1357003	Soil	0.8	26.5	9.4	78	0.2	19.2	16.0	776	3.20	12.3	1.0	12.9	2.3	28	0.2	0.5	0.1	56	0.63
1357005	Soil	0.8	18.3	13.2	72	0.3	16.5	12.0	582	2.82	18.5	1.0	3.5	3.0	29	0.3	0.5	0.2	51	0.63
1357008	Soil	0.6	25.6	13.6	84	0.4	19.3	10.7	448	3.45	28.9	0.7	10.0	5.1	14	0.1	0.7	0.1	49	0.32
1357009	Soil	0.5	49.0	7.7	80	0.2	19.7	16.2	661	3.60	7.7	0.7	19.1	2.9	20	0.2	0.7	<0.1	66	0.43
1357002	Soil	0.5	38.9	12.5	89	0.3	23.1	16.8	727	3.46	16.4	1.0	4.9	3.0	32	0.3	0.5	0.1	58	0.79
1357047	Soil	0.5	20.1	9.6	67	0.3	14.5	10.7	495	2.51	5.6	0.7	11.8	2.3	31	0.2	0.3	0.2	47	0.78
1354926	Soil	0.8	30.5	10.7	74	<0.1	24.3	9.6	341	2.99	18.1	1.0	3.6	4.4	21	0.1	0.4	0.2	61	0.26
1357048	Soil	0.6	15.1	9.2	74	0.2	15.0	12.1	456	2.77	8.3	0.6	2.6	2.8	19	0.2	0.3	0.1	48	0.36
1357037	Soil	0.9	30.5	7.9	146	0.2	24.9	11.3	400	3.14	10.8	0.9	3.3	2.2	24	1.6	0.3	<0.1	58	0.34
1357038	Soil	0.9	36.3	10.5	108	0.2	28.9	9.9	421	3.60	19.8	0.9	3.3	6.0	11	0.2	0.3	0.1	51	0.17
1357039	Soil	1.2	51.3	33.4	141	0.5	17.2	22.1	743	3.93	19.0	0.9	12.0	2.9	23	1.2	0.3	0.2	44	0.53
1357036	Soil	1.5	44.8	12.7	177	0.3	33.4	13.6	740	4.10	40.9	0.7	4.0	6.3	9	4.0	0.5	0.2	49	0.16
1354919	Soil	0.4	37.5	5.2	80	0.1	19.9	14.6	568	3.52	4.0	0.4	12.6	2.2	17	<0.1	0.3	<0.1	54	0.27
1354925	Soil	0.8	28.2	10.5	77	<0.1	21.8	9.0	331	2.86	19.9	0.9	5.2	4.6	18	0.2	0.4	0.1	59	0.21
1357044	Soil	0.5	23.2	8.2	71	0.2	14.4	13.3	434	3.36	9.9	0.7	8.1	3.1	24	0.2	0.3	0.1	53	0.58
1357042	Soil	0.6	17.1	8.0	74	0.2	15.0	11.4	494	2.80	6.5	0.6	10.0	2.2	20	0.1	0.2	0.1	49	0.40
1354911	Soil	0.3	110.0	5.8	89	0.2	24.1	22.9	936	5.25	7.6	0.5	10.0	1.8	17	0.2	0.6	<0.1	95	0.47
1354924	Soil	0.6	50.4	11.8	126	0.1	43.9	18.1	805	4.03	110.3	1.1	6.2	4.6	30	0.6	0.3	<0.1	86	0.31
1357041	Soil	1.6	17.9	14.2	76	0.2	19.0	12.2	368	2.95	14.4	0.6	4.8	3.0	19	0.1	0.4	0.2	56	0.31
1357045	Soil	0.7	20.2	9.2	63	0.2	14.7	12.2	589	2.94	12.6	0.9	4.8	2.1	31	0.2	0.3	0.1	50	0.69
1354903	Soil	0.6	40.2	6.4	79	0.2	19.5	19.8	680	4.56	10.5	0.4	5.3	3.0	6	<0.1	0.4	<0.1	55	0.20
1354912	Soil	0.4	83.7	4.4	69	0.1	22.7	22.4	641	4.46	3.9	0.5	4.7	1.4	20	<0.1	0.4	<0.1	87	0.50
1354923	Soil	0.8	35.6	10.4	89	0.1	28.0	11.9	378	3.54	19.1	0.6	8.3	4.8	21	0.2	0.3	0.1	66	0.30
1357046	Soil	0.7	11.5	7.1	49	0.1	8.7	7.0	259	2.32	6.8	0.3	7.7	1.1	10	0.2	0.2	0.1	48	0.13
1354910	Soil	0.2	39.9	5.3	79	0.4	12.9	17.1	829	3.85	7.4	0.4	1.3	2.4	12	<0.1	0.4	0.1	58	0.32
1354928	Soil	1.2	52.0	15.8	101	0.5	30.8	17.3	530	3.83	22.5	1.3	2.0	3.4	26	0.4	0.2	0.1	55	0.43
1354931	Soil	0.5	29.7	17.2	76	0.3	15.8	18.2	1146	3.39	8.8	0.8	5.9	2.9	40	0.3	0.3	0.1	52	0.71
1357043	Soil	0.7	30.5	7.0	82	0.2	18.9	15.5	604	3.39	5.6	0.7	4.3	3.5	24	0.3	0.3	0.1	56	0.42
1354929	Soil	1.2	31.4	13.1	103	0.3	26.0	12.5	492	3.75	22.8	1.0	2.6	3.0	17	0.4	0.2	0.1	56	0.23
1354927	Soil	1.0	29.0	12.7	83	<0.1	24.9	11.1	342	3.16	17.8	1.0	4.4	4.5	18	0.2	0.3	0.2	57	0.23

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1357003	Soil	12	21	1.35	296	0.021	<1	2.06	0.005	0.04	<0.1	0.04	4.5	<0.1	<0.05	6	0.8	<0.2
1357005	Soil	14	21	0.76	239	0.031	<1	1.72	0.007	0.04	0.1	0.04	3.8	<0.1	<0.05	5	0.8	<0.2
1357008	Soil	25	18	0.81	216	0.021	<1	1.95	0.005	0.04	<0.1	0.03	5.5	<0.1	<0.05	5	<0.5	<0.2
1357009	Soil	13	20	1.71	254	0.025	<1	2.49	0.005	0.05	<0.1	0.04	6.7	<0.1	<0.05	7	0.5	<0.2
1357002	Soil	13	24	1.47	301	0.019	<1	2.14	0.006	0.05	<0.1	0.05	5.4	<0.1	<0.05	6	0.5	<0.2
1357047	Soil	13	21	0.99	255	0.030	<1	1.76	0.007	0.05	0.1	0.04	4.0	<0.1	<0.05	5	0.6	<0.2
1354926	Soil	17	33	0.93	303	0.056	<1	1.97	0.007	0.05	<0.1	0.03	6.2	<0.1	<0.05	6	0.6	<0.2
1357048	Soil	12	22	1.05	203	0.033	<1	1.72	0.008	0.04	0.2	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1357037	Soil	10	37	1.18	174	0.084	<1	1.98	0.005	0.05	<0.1	0.07	4.8	<0.1	<0.05	7	<0.5	<0.2
1357038	Soil	25	36	1.65	267	0.022	<1	2.54	0.004	0.04	<0.1	0.02	4.0	<0.1	<0.05	7	<0.5	<0.2
1357039	Soil	12	23	1.61	195	0.010	<1	1.94	0.007	0.02	<0.1	0.33	5.3	<0.1	0.26	5	1.6	<0.2
1357036	Soil	23	32	1.42	246	0.015	<1	2.30	0.003	0.05	<0.1	0.07	3.4	<0.1	<0.05	6	<0.5	<0.2
1354919	Soil	9	19	1.45	208	0.009	<1	2.06	0.002	0.04	<0.1	0.01	4.7	<0.1	<0.05	6	<0.5	<0.2
1354925	Soil	18	30	0.99	285	0.049	<1	1.78	0.007	0.04	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
1357044	Soil	12	18	1.50	309	0.040	<1	2.20	0.007	0.04	0.1	0.03	5.1	<0.1	<0.05	6	<0.5	<0.2
1357042	Soil	11	21	1.19	245	0.034	<1	1.85	0.006	0.05	0.1	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
1354911	Soil	11	22	1.88	172	0.016	<1	2.73	0.004	0.06	<0.1	0.04	11.7	<0.1	<0.05	8	0.6	<0.2
1354924	Soil	14	37	1.39	214	0.048	<1	1.86	0.003	0.12	<0.1	0.03	7.2	0.1	<0.05	7	<0.5	<0.2
1357041	Soil	11	27	1.21	150	0.044	<1	1.71	0.007	0.05	0.1	0.04	4.1	<0.1	<0.05	5	0.8	<0.2
1357045	Soil	12	18	0.97	325	0.031	<1	1.88	0.007	0.04	0.1	0.04	4.4	<0.1	<0.05	5	<0.5	<0.2
1354903	Soil	16	24	2.00	92	0.053	<1	2.84	0.003	0.02	<0.1	0.04	7.1	<0.1	<0.05	6	<0.5	<0.2
1354912	Soil	5	23	1.81	166	0.065	<1	2.49	0.006	0.04	<0.1	0.02	7.1	<0.1	<0.05	8	<0.5	<0.2
1354923	Soil	17	32	1.29	263	0.035	<1	2.20	0.005	0.06	<0.1	0.02	5.2	<0.1	<0.05	7	<0.5	<0.2
1357046	Soil	7	15	0.87	91	0.029	<1	1.62	0.005	0.04	0.1	0.03	2.8	<0.1	<0.05	6	<0.5	<0.2
1354910	Soil	9	17	2.26	157	0.009	<1	2.50	0.002	0.03	<0.1	<0.01	6.4	<0.1	<0.05	7	<0.5	<0.2
1354928	Soil	26	40	2.14	220	0.038	<1	2.44	0.003	0.06	<0.1	0.03	6.8	<0.1	<0.05	7	0.7	<0.2
1354931	Soil	14	17	1.38	279	0.013	<1	2.27	0.006	0.04	<0.1	0.05	5.5	<0.1	<0.05	6	<0.5	<0.2
1357043	Soil	13	25	1.59	289	0.061	<1	1.84	0.006	0.09	0.1	0.02	6.7	<0.1	<0.05	6	0.6	<0.2
1354929	Soil	21	39	2.39	135	0.047	<1	2.51	0.004	0.06	<0.1	0.02	4.8	<0.1	<0.05	7	<0.5	<0.2
1354927	Soil	18	33	1.22	210	0.053	<1	2.18	0.005	0.05	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1354916	Soil	0.3	53.4	6.1	62	0.2	14.7	17.8	709	3.95	4.2	0.5	2.7	2.2	16	<0.1	0.3	<0.1	79	0.28	0.038
1354909	Soil	0.3	43.0	5.3	74	1.3	16.1	20.6	1830	4.60	5.4	0.2	2.8	1.6	10	0.3	0.3	<0.1	60	0.35	0.093
1354930	Soil	1.4	29.1	14.2	103	0.3	23.9	15.3	631	3.70	30.2	0.9	3.6	4.3	24	0.3	0.2	0.1	53	0.42	0.088
1354901	Rock Pulp	1.3	562.6	21.6	66	0.3	275.3	97.5	1004	18.22	3.4	1.3	35.1	7.5	16	<0.1	0.3	0.2	239	0.45	0.039
1354906	Soil	<0.1	34.9	4.0	70	0.2	11.6	19.5	835	4.47	1.2	0.2	1.6	1.5	16	<0.1	0.3	<0.1	63	0.61	0.070
1354902	Soil	0.4	61.6	10.9	93	0.2	29.8	13.9	754	4.36	53.0	0.7	7.9	7.0	9	0.1	0.6	0.2	49	0.28	0.080
1354933	Soil	0.2	21.1	10.4	76	<0.1	5.0	20.3	1312	4.66	4.5	0.3	6.2	2.6	5	0.2	0.1	0.1	95	0.14	0.063
1354921	Soil	0.6	26.6	7.7	55	<0.1	17.3	10.9	349	2.80	5.0	0.4	0.7	2.5	11	<0.1	0.4	0.1	59	0.16	0.019
1354908	Soil	0.5	35.7	7.4	63	0.3	19.7	12.9	564	3.47	9.9	0.8	1.4	3.9	16	<0.1	0.3	0.1	54	0.32	0.034
1354922	Soil	0.3	31.3	5.3	64	<0.1	16.2	13.6	567	3.27	3.8	0.6	1.7	2.4	18	<0.1	0.4	<0.1	67	0.31	0.054
1339648	Soil	0.8	31.9	12.4	83	0.5	17.5	11.1	502	3.22	22.8	1.0	2.3	4.0	18	0.2	0.5	0.2	39	0.35	0.090
1339647	Soil	1.0	33.0	8.4	90	0.3	18.8	14.8	473	3.81	8.9	0.7	8.3	4.6	16	0.1	0.3	0.2	38	0.39	0.089
1339643	Soil	0.4	65.4	6.6	74	0.3	18.5	20.2	960	4.58	15.9	0.5	6.0	2.8	22	0.1	0.5	0.1	82	0.47	0.064
1354932	Soil	0.6	38.8	16.8	91	0.3	18.3	18.2	865	4.10	10.2	0.7	5.7	3.5	20	0.2	0.2	0.1	59	0.41	0.070
1338254	Soil	0.4	23.3	8.4	84	<0.1	8.3	15.5	693	4.29	5.4	0.5	3.6	2.4	11	<0.1	0.3	<0.1	63	0.29	0.066
1339650	Soil	1.5	49.4	11.8	91	0.4	26.0	21.2	1191	4.55	28.3	0.6	18.5	6.6	13	0.4	0.4	<0.1	54	0.39	0.108
1339630	Soil	0.2	42.9	10.0	66	0.2	10.0	19.0	1318	4.03	2.1	0.4	6.8	2.7	11	0.2	0.3	<0.1	52	0.32	0.078
1339642	Soil	0.5	92.9	9.6	71	0.4	25.0	31.0	1548	5.41	15.7	0.3	1.2	2.0	14	0.1	0.3	<0.1	97	0.41	0.045
1339638	Soil	0.3	85.5	7.5	68	0.4	24.1	26.7	1097	4.93	7.3	0.5	2.6	2.3	13	<0.1	0.3	<0.1	120	0.27	0.045
1339641	Soil	0.9	50.0	9.4	69	0.2	22.3	18.5	916	3.95	10.0	0.7	1.5	3.8	13	0.2	0.3	0.1	67	0.28	0.054
1338252	Soil	0.4	42.5	12.9	86	0.5	17.3	21.1	1382	4.77	36.1	0.5	18.7	3.4	13	0.3	0.5	<0.1	60	0.33	0.086
1338255	Soil	0.3	14.2	6.8	74	<0.1	6.2	18.6	878	4.59	5.1	0.4	3.7	2.1	14	<0.1	0.2	<0.1	87	0.30	0.051
1339637	Soil	0.3	74.1	5.6	64	<0.1	20.6	22.1	749	4.46	4.7	0.5	0.8	2.3	15	<0.1	0.3	<0.1	96	0.32	0.049
1339639	Soil	0.3	78.6	11.7	80	0.4	24.6	26.2	1272	5.36	5.3	0.3	3.6	2.5	12	0.1	0.4	<0.1	93	0.31	0.053
1339633	Soil	0.7	33.4	11.3	66	0.1	25.1	12.9	562	3.15	14.4	1.0	2.3	4.7	18	<0.1	0.4	0.1	56	0.28	0.052
1339649	Soil	1.0	37.2	13.2	86	0.6	23.2	11.4	431	3.08	11.7	1.2	6.4	4.2	24	0.3	0.5	0.1	45	0.44	0.088
1339635	Soil	0.9	37.3	12.7	72	0.1	25.9	14.9	449	3.64	11.0	1.2	2.1	3.6	25	0.1	0.5	0.1	69	0.37	0.060
1339632	Soil	<0.1	51.3	5.2	64	0.2	11.7	17.3	1329	3.85	1.9	0.4	1.1	2.8	11	0.1	0.2	<0.1	60	0.29	0.074
1339634	Soil	0.3	47.1	13.1	87	0.2	14.1	23.4	1483	4.44	3.3	0.3	5.3	2.5	11	0.4	0.1	<0.1	57	0.31	0.086
1339636	Soil	0.6	34.3	8.0	67	<0.1	19.7	14.4	692	3.42	7.2	0.8	2.7	2.4	20	0.1	0.3	0.1	66	0.32	0.046

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1354916	Soil	8	20	1.38	207	0.038	<1	2.29	0.005	0.05	<0.1	0.02	7.9	<0.1	<0.05	7	<0.5
1354909	Soil	13	24	2.11	155	0.014	<1	2.48	0.002	0.03	<0.1	0.02	6.8	<0.1	<0.05	7	<0.5
1354930	Soil	18	31	2.06	229	0.013	<1	2.46	0.004	0.05	<0.1	0.02	4.2	<0.1	<0.05	7	<0.5
1354901	Rock Pulp	19	842	0.16	163	0.193	4	4.32	0.013	0.08	<0.1	0.03	52.0	<0.1	<0.05	19	0.6
1354906	Soil	8	10	1.83	54	0.006	<1	2.46	0.001	0.03	<0.1	<0.01	8.4	<0.1	<0.05	6	<0.5
1354902	Soil	30	29	1.71	87	0.014	<1	2.42	0.002	0.02	<0.1	0.04	5.2	<0.1	<0.05	6	<0.5
1354933	Soil	9	9	2.14	91	0.006	1	2.82	0.003	0.03	<0.1	<0.01	10.5	<0.1	<0.05	9	<0.5
1354921	Soil	8	23	1.06	185	0.031	1	1.97	0.005	0.04	<0.1	<0.01	4.3	<0.1	<0.05	6	<0.5
1354908	Soil	15	23	1.25	278	0.021	1	2.16	0.006	0.04	<0.1	0.03	6.3	<0.1	<0.05	5	<0.5
1354922	Soil	8	19	1.42	171	0.016	<1	2.15	0.004	0.04	<0.1	<0.01	4.4	<0.1	<0.05	6	<0.5
1339648	Soil	14	17	0.94	145	0.018	<1	1.44	0.005	0.03	<0.1	0.01	4.1	<0.1	<0.05	4	0.8
1339647	Soil	17	15	1.26	108	0.014	1	1.76	0.003	0.03	<0.1	0.02	4.8	<0.1	<0.05	5	<0.5
1339643	Soil	13	21	1.73	232	0.012	1	2.55	0.005	0.07	<0.1	0.03	9.9	<0.1	<0.05	7	<0.5
1354932	Soil	16	20	1.85	218	0.011	1	2.82	0.004	0.03	<0.1	0.03	5.8	<0.1	<0.05	7	<0.5
1338254	Soil	11	11	1.87	168	0.010	1	2.36	0.004	0.05	<0.1	0.02	7.5	<0.1	<0.05	6	<0.5
1339650	Soil	24	19	1.30	83	0.004	1	1.96	0.003	0.04	<0.1	0.02	5.7	<0.1	<0.05	5	<0.5
1339630	Soil	13	11	2.15	57	0.004	<1	2.64	0.003	0.03	<0.1	0.02	7.1	<0.1	<0.05	7	<0.5
1339642	Soil	7	18	2.22	193	0.011	<1	2.84	0.003	0.04	<0.1	0.03	15.1	<0.1	<0.05	8	<0.5
1339638	Soil	9	36	2.41	226	0.052	<1	2.70	0.005	0.04	<0.1	0.03	13.4	<0.1	<0.05	8	<0.5
1339641	Soil	13	26	1.11	289	0.021	<1	2.01	0.005	0.04	<0.1	0.03	7.5	<0.1	<0.05	6	<0.5
1338252	Soil	11	13	1.25	91	0.003	<1	1.97	0.003	0.03	<0.1	0.03	6.5	<0.1	<0.05	6	<0.5
1338255	Soil	9	9	2.62	151	0.030	<1	2.73	0.003	0.04	<0.1	<0.01	11.3	<0.1	<0.05	8	<0.5
1339637	Soil	8	22	2.32	185	0.065	1	2.74	0.008	0.04	<0.1	<0.01	6.9	<0.1	<0.05	8	<0.5
1339639	Soil	8	30	2.22	280	0.012	<1	2.98	0.004	0.05	<0.1	0.04	11.6	<0.1	<0.05	8	<0.5
1339633	Soil	17	31	1.12	281	0.033	1	2.04	0.006	0.05	<0.1	0.04	5.4	<0.1	<0.05	6	<0.5
1339649	Soil	19	23	0.81	190	0.031	1	1.44	0.009	0.04	0.1	0.03	4.7	<0.1	<0.05	4	<0.5
1339635	Soil	14	36	1.14	303	0.041	<1	2.04	0.009	0.04	0.1	0.03	6.9	<0.1	<0.05	6	<0.5
1339632	Soil	13	15	2.39	95	0.007	<1	2.71	0.003	0.04	<0.1	0.02	7.3	<0.1	<0.05	7	<0.5
1339634	Soil	10	19	2.34	85	0.004	<1	2.86	0.002	0.05	<0.1	<0.01	8.5	<0.1	<0.05	6	<0.5
1339636	Soil	11	28	1.44	272	0.047	<1	2.11	0.008	0.04	<0.1	0.02	5.6	<0.1	<0.05	6	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1339640	Soil	1.0	40.3	8.3	74	0.2	22.9	15.4	645	3.86	53.5	0.9	4.5	3.3	13	0.1	0.3	0.1	68	0.27	0.048
1339627	Soil	1.0	36.7	12.9	95	0.2	28.5	16.8	438	3.50	14.8	1.5	<0.5	5.3	26	0.4	0.2	0.1	51	0.40	0.086
1338256	Soil	0.3	19.9	8.0	75	0.2	7.9	18.9	1124	4.81	3.4	0.7	7.8	2.3	18	0.2	0.2	<0.1	111	0.39	0.059
1339644	Soil	0.7	52.7	9.9	81	0.3	18.4	16.6	692	4.20	12.0	0.8	2.9	4.1	15	<0.1	0.4	0.1	80	0.32	0.051
1354879	Soil	0.4	41.0	8.5	70	0.2	18.3	17.1	838	3.59	5.2	0.7	5.4	4.2	13	<0.1	0.2	0.1	59	0.30	0.068
1338251	Rock Pulp	2.3	25.1	2.6	47	0.3	23.5	10.3	392	2.42	4.9	0.3	<0.5	1.0	43	0.2	0.3	<0.1	66	0.87	0.062
1339645	Soil	0.4	51.9	6.6	66	0.2	19.7	18.5	921	3.97	9.3	1.3	2.0	2.0	33	0.2	0.4	<0.1	94	0.76	0.071
1339628	Soil	1.1	19.6	11.5	80	0.3	12.3	21.6	3303	3.25	19.4	0.6	4.0	2.1	45	0.5	0.2	0.1	42	1.09	0.085
1354877	Soil	0.2	43.9	21.0	96	<0.1	32.0	13.9	904	3.70	7.2	0.7	4.5	7.9	10	0.2	0.2	<0.1	45	0.26	0.101
1354882	Soil	1.7	43.5	8.2	135	0.2	40.8	13.2	591	4.82	79.5	0.8	43.0	7.4	23	0.5	0.1	0.1	71	0.27	0.109
1339626	Soil	1.0	27.4	7.0	64	<0.1	24.8	14.5	315	2.64	28.1	0.7	<0.5	1.6	20	<0.1	0.2	0.1	47	0.38	0.073
1338253	Soil	0.3	33.8	6.2	69	0.2	10.1	17.3	911	4.09	6.0	0.4	5.6	2.3	14	0.1	0.2	<0.1	61	0.32	0.087
1354883	Soil	1.8	39.5	20.8	100	0.7	35.7	20.0	805	3.50	60.0	1.0	5.0	3.2	28	0.7	0.2	0.2	55	0.43	0.082
1339631	Soil	0.3	37.6	11.2	60	0.2	12.3	17.0	1159	3.70	6.3	0.6	10.7	3.3	11	0.1	0.2	<0.1	50	0.27	0.069
1339629	Soil	0.4	48.8	16.7	74	0.4	19.8	15.9	571	3.05	10.3	1.0	5.9	3.1	37	0.5	0.3	0.1	40	0.99	0.077
1339646	Soil	0.5	26.5	7.2	71	0.2	12.2	16.7	900	3.90	5.7	1.1	4.6	2.4	27	0.3	0.3	<0.1	70	0.55	0.071
1354859	Soil	0.8	22.8	12.0	89	0.3	16.4	14.0	451	3.74	17.8	0.8	4.2	3.4	28	0.2	0.2	0.1	38	0.60	0.094
1354854	Soil	<0.1	110.7	5.8	72	0.3	17.7	32.2	1416	5.33	2.3	0.2	4.7	2.0	18	0.1	0.2	<0.1	91	0.54	0.073
1354853	Soil	0.1	94.5	5.4	54	<0.1	14.4	19.9	935	3.99	3.5	0.5	4.8	1.6	15	<0.1	0.3	<0.1	93	0.35	0.054
1354876	Soil	0.6	35.5	10.7	65	<0.1	22.4	13.7	684	3.39	9.8	1.0	2.5	4.1	18	<0.1	0.3	0.1	66	0.27	0.038
1354860	Soil	1.1	34.1	34.7	98	0.3	21.0	12.7	636	3.55	20.2	1.1	4.0	3.4	23	0.2	0.4	0.1	41	0.53	0.103
1354856	Soil	0.6	29.5	7.1	59	0.2	17.2	14.7	830	3.23	6.9	0.6	2.5	2.5	17	<0.1	0.3	0.1	61	0.34	0.064
1354851	Rock Pulp	2.4	24.5	2.5	44	0.3	23.4	10.1	400	2.32	4.5	0.3	3.1	1.0	40	0.2	0.2	<0.1	65	0.83	0.064
1354878	Soil	0.1	38.5	6.6	69	<0.1	13.3	19.5	1710	3.82	1.3	0.3	2.6	1.5	11	0.2	0.3	<0.1	45	0.20	0.063
1354861	Soil	0.6	28.1	9.0	59	0.3	16.2	12.0	547	3.12	9.3	0.8	3.0	2.8	24	<0.1	0.3	0.2	53	0.46	0.045
1354857	Soil	1.1	37.0	15.9	83	0.1	16.6	18.2	733	4.07	20.0	0.5	4.7	3.3	11	0.1	0.5	0.1	58	0.21	0.048
1354852	Soil	0.1	58.8	9.5	78	<0.1	25.8	16.1	740	3.67	5.5	0.7	13.9	4.3	16	0.1	0.4	<0.1	55	0.33	0.076
1354880	Soil	1.0	40.5	21.5	78	0.2	31.3	14.0	437	3.40	72.0	1.1	8.6	5.6	15	0.1	0.5	0.2	58	0.17	0.040
1354862	Soil	0.8	29.0	9.9	65	0.1	19.2	12.9	552	3.35	12.2	0.7	2.2	4.4	14	0.1	0.4	0.1	43	0.33	0.063
1354858	Soil	0.6	21.4	11.5	72	0.1	11.8	16.9	898	3.89	4.9	0.6	9.8	3.9	10	0.2	0.2	0.1	57	0.20	0.043

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1339640	Soil	12	31	1.33	316	0.019	<1	2.20	0.005	0.04	<0.1	0.03	6.5	<0.1	<0.05	6	<0.5
1339627	Soil	20	36	1.85	171	0.057	<1	2.15	0.004	0.05	<0.1	0.02	6.0	<0.1	<0.05	7	<0.5
1338256	Soil	25	13	2.53	358	0.022	<1	3.08	0.004	0.05	<0.1	0.03	13.6	<0.1	<0.05	9	<0.5
1339644	Soil	12	20	1.61	187	0.013	<1	2.39	0.004	0.03	<0.1	0.03	11.0	<0.1	<0.05	6	<0.5
1354879	Soil	13	20	1.63	222	0.014	<1	2.63	0.004	0.04	<0.1	0.02	6.2	<0.1	<0.05	7	<0.5
1338251	Rock Pulp	4	32	0.83	96	0.127	3	1.63	0.085	0.12	12.1	0.01	4.9	<0.1	0.05	5	<0.5
1339645	Soil	11	22	1.55	284	0.019	<1	2.28	0.007	0.04	<0.1	0.03	10.8	<0.1	<0.05	7	0.5
1339628	Soil	9	14	1.73	236	0.006	1	2.03	0.004	0.03	<0.1	0.02	3.9	<0.1	0.08	5	<0.5
1354877	Soil	21	28	1.95	166	0.006	<1	2.57	0.002	0.05	<0.1	<0.01	3.9	<0.1	<0.05	7	<0.5
1354882	Soil	23	48	3.32	94	0.005	<1	3.06	0.003	0.07	<0.1	<0.01	4.0	<0.1	<0.05	9	<0.5
1339626	Soil	9	35	1.23	78	0.066	<1	1.46	0.003	0.03	0.1	0.01	3.2	<0.1	<0.05	5	<0.5
1338253	Soil	11	12	0.88	132	0.011	<1	1.39	0.003	0.04	<0.1	0.02	7.2	<0.1	<0.05	4	<0.5
1354883	Soil	14	35	2.05	261	0.006	2	2.42	0.004	0.05	<0.1	0.03	3.4	<0.1	<0.05	7	0.5
1339631	Soil	10	14	1.28	168	0.009	1	2.02	0.004	0.04	<0.1	0.04	7.5	<0.1	<0.05	6	<0.5
1339629	Soil	16	18	1.40	168	0.007	1	2.03	0.004	0.04	<0.1	0.03	4.2	<0.1	<0.05	5	0.7
1339646	Soil	15	13	1.78	384	0.015	1	2.32	0.004	0.04	<0.1	0.03	8.4	<0.1	<0.05	7	<0.5
1354859	Soil	11	16	1.14	115	0.013	<1	1.59	0.003	0.02	<0.1	0.02	3.1	<0.1	<0.05	4	0.5
1354854	Soil	10	15	2.67	106	0.021	<1	2.82	0.002	0.05	<0.1	<0.01	12.4	<0.1	<0.05	8	<0.5
1354853	Soil	5	11	2.00	175	0.106	<1	2.21	0.003	0.09	<0.1	<0.01	8.4	0.1	<0.05	7	<0.5
1354876	Soil	16	35	1.24	305	0.032	1	2.40	0.008	0.04	<0.1	0.04	6.9	<0.1	<0.05	6	<0.5
1354860	Soil	13	24	1.23	153	0.017	<1	1.82	0.004	0.03	<0.1	0.01	3.5	<0.1	<0.05	5	<0.5
1354856	Soil	10	22	1.34	223	0.029	<1	2.13	0.006	0.03	0.1	0.03	5.0	<0.1	<0.05	6	<0.5
1354851	Rock Pulp	4	31	0.80	92	0.129	2	1.64	0.087	0.12	12.3	<0.01	4.8	<0.1	0.06	5	<0.5
1354878	Soil	6	11	1.96	107	0.024	<1	2.19	0.002	0.04	<0.1	0.02	5.5	<0.1	<0.05	6	<0.5
1354861	Soil	14	23	1.04	202	0.025	<1	1.92	0.005	0.03	<0.1	0.03	4.8	<0.1	<0.05	5	<0.5
1354857	Soil	13	22	1.65	231	0.014	<1	2.45	0.003	0.04	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5
1354852	Soil	19	21	1.58	163	0.023	<1	2.36	0.003	0.04	<0.1	0.02	5.4	<0.1	<0.05	6	<0.5
1354880	Soil	16	34	0.96	284	0.033	1	2.19	0.008	0.05	0.1	0.03	4.5	<0.1	<0.05	6	<0.5
1354862	Soil	13	20	1.01	142	0.026	<1	1.91	0.003	0.03	<0.1	0.02	4.0	<0.1	<0.05	5	<0.5
1354858	Soil	12	18	1.78	265	0.018	<1	2.63	0.004	0.05	<0.1	0.03	6.9	<0.1	<0.05	7	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1354855	Soil	<0.1	64.4	4.4	71	0.2	16.5	23.0	1229	5.03	2.2	0.3	5.5	1.7	14	0.2	0.2	<0.1	91	0.39
1354881	Soil	1.1	31.1	17.9	84	0.2	22.5	12.1	417	3.45	114.4	0.6	6.1	2.4	14	0.3	0.3	0.1	59	0.19
1354863	Soil	0.7	24.9	8.7	55	0.2	16.6	13.2	557	2.96	13.1	0.8	2.0	2.9	24	0.1	0.3	0.1	53	0.52
1354871	Soil	0.3	75.6	5.7	65	0.2	19.8	21.5	629	4.26	4.7	0.7	7.0	2.0	17	<0.1	0.3	<0.1	79	0.37
1354869	Soil	0.4	56.2	5.1	78	0.2	13.3	14.7	840	4.21	3.8	0.6	9.3	2.8	12	0.1	0.2	<0.1	35	0.30
1354865	Soil	0.5	43.1	6.8	71	0.2	18.3	21.7	683	4.53	9.6	0.5	2.5	1.8	19	0.1	0.3	<0.1	81	0.43
1354872	Soil	0.3	44.5	7.2	66	0.2	22.6	17.8	685	3.66	5.6	0.8	4.3	2.4	20	0.2	0.2	<0.1	82	0.43
1354873	Soil	0.3	27.2	7.8	59	<0.1	14.7	13.9	705	3.49	4.8	0.5	2.1	2.7	10	<0.1	0.2	<0.1	46	0.24
1354870	Soil	0.2	93.9	8.4	73	0.4	20.1	27.3	1157	5.02	5.2	0.4	6.9	1.6	13	0.2	0.3	<0.1	89	0.34
1354864	Soil	0.9	30.0	10.1	67	0.3	18.2	14.3	813	3.66	17.8	0.6	2.9	3.4	20	0.2	0.5	0.1	50	0.49
1345826	Soil	0.4	64.6	5.3	71	<0.1	12.0	19.7	862	4.67	1.6	0.4	4.1	2.7	3	<0.1	0.3	<0.1	72	0.07
1354875	Soil	0.2	40.9	8.7	76	0.2	21.3	14.0	763	3.95	4.6	0.6	4.3	4.1	12	<0.1	0.2	<0.1	50	0.37
1354874	Soil	0.2	50.4	8.6	77	0.2	21.7	18.2	903	4.40	4.4	0.7	6.1	3.0	14	0.2	0.2	<0.1	70	0.35
1354867	Soil	0.4	88.4	8.9	75	0.4	22.9	24.8	979	4.98	10.2	0.5	2.5	2.5	12	0.1	0.3	<0.1	106	0.26
1345828	Soil	0.5	25.2	3.9	88	<0.1	9.7	20.9	1003	5.53	3.6	0.6	3.1	3.0	4	<0.1	0.6	<0.1	89	0.05
1345827	Soil	0.7	53.1	8.3	75	0.2	13.3	18.3	970	4.65	3.4	0.9	4.0	2.6	7	<0.1	0.4	<0.1	54	0.12
1354868	Soil	0.8	44.2	9.2	76	0.1	21.6	13.9	433	3.58	25.4	0.7	2.5	3.7	10	<0.1	0.3	<0.1	54	0.16
1354866	Soil	0.2	69.2	4.0	66	0.2	20.7	24.9	847	5.36	5.3	0.3	3.2	1.3	10	<0.1	0.4	<0.1	125	0.27
1345835	Soil	0.6	38.6	8.5	55	0.1	13.7	12.8	460	3.30	12.3	0.7	4.1	2.7	5	<0.1	0.3	0.1	43	0.06
1345833	Soil	0.2	38.3	3.8	64	<0.1	11.8	19.1	840	4.30	2.4	0.4	4.3	1.4	11	<0.1	0.4	<0.1	80	0.12
1345832	Soil	0.5	40.1	6.3	70	<0.1	10.8	20.7	1079	4.57	4.8	0.4	4.1	2.4	5	0.1	0.2	0.1	46	0.11
1345830	Soil	0.8	21.0	17.2	74	<0.1	5.7	25.8	1277	6.43	1.7	0.7	3.2	2.5	12	<0.1	0.2	0.4	169	0.20
1345836	Soil	0.3	33.9	8.2	71	<0.1	6.5	11.9	884	3.76	3.3	0.4	9.5	3.2	8	<0.1	0.2	<0.1	36	0.27
1345834	Soil	1.0	59.5	11.5	58	0.3	20.2	23.2	842	3.83	14.1	0.6	13.5	4.5	5	<0.1	0.4	0.1	32	0.10
1345831	Soil	2.1	44.9	20.4	76	0.2	23.0	15.2	527	3.85	28.2	1.0	1.7	4.9	5	<0.1	0.3	0.5	42	0.07
1345829	Soil	0.7	23.8	3.6	81	<0.1	6.9	17.6	820	4.84	2.3	0.6	3.1	2.6	3	<0.1	0.3	<0.1	93	0.05
1345846	Soil	1.1	29.7	12.2	79	0.1	21.8	10.1	304	3.19	268.6	0.6	20.8	3.4	7	0.1	0.2	<0.1	43	0.09
1345848	Soil	1.0	20.6	27.9	73	0.2	18.6	10.8	388	2.89	66.2	0.8	7.0	3.3	13	0.4	0.5	0.2	52	0.17
1345838	Soil	0.4	42.9	9.2	65	0.1	19.9	18.3	783	4.22	3.7	0.6	2.4	3.4	6	<0.1	0.2	<0.1	67	0.11
1345837	Soil	0.9	33.7	13.4	71	0.2	12.9	17.9	1104	4.11	22.5	0.5	8.7	4.4	8	0.2	0.3	<0.1	41	0.21

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1354855	Soil	10	28	2.86	207	0.008	<1	3.01	0.003	0.04	<0.1	0.02	10.7	<0.1	<0.05	8	<0.5
1354881	Soil	13	31	1.26	202	0.020	<1	2.13	0.004	0.05	<0.1	0.02	3.3	<0.1	<0.05	6	<0.5
1354863	Soil	14	21	0.82	226	0.028	1	1.70	0.006	0.06	0.1	0.02	4.1	<0.1	<0.05	5	<0.5
1354871	Soil	9	20	2.20	178	0.044	<1	2.66	0.005	0.05	<0.1	0.02	6.2	<0.1	<0.05	7	<0.5
1354869	Soil	7	8	0.77	180	0.005	<1	1.55	0.003	0.04	<0.1	0.01	7.1	<0.1	<0.05	4	<0.5
1354865	Soil	7	18	1.90	172	0.020	<1	2.28	0.005	0.03	<0.1	0.02	8.3	<0.1	<0.05	6	<0.5
1354872	Soil	10	31	1.73	188	0.022	<1	2.44	0.005	0.03	<0.1	0.02	10.2	<0.1	<0.05	7	<0.5
1354873	Soil	9	19	1.53	156	0.015	<1	2.22	0.003	0.03	<0.1	0.02	5.0	<0.1	<0.05	6	<0.5
1354870	Soil	6	19	2.20	237	0.014	<1	2.65	0.004	0.05	<0.1	0.01	12.1	<0.1	<0.05	7	<0.5
1354864	Soil	14	17	1.12	181	0.022	1	1.85	0.006	0.03	0.1	0.03	5.1	<0.1	<0.05	5	<0.5
1345826	Soil	12	18	2.09	121	0.006	<1	2.80	0.003	0.04	<0.1	0.01	10.7	<0.1	<0.05	8	<0.5
1354875	Soil	15	23	1.76	168	0.008	<1	2.40	0.003	0.04	<0.1	0.02	5.1	<0.1	<0.05	6	<0.5
1354874	Soil	12	33	2.13	156	0.009	<1	2.83	0.003	0.04	<0.1	0.02	7.1	<0.1	<0.05	7	<0.5
1354867	Soil	8	24	1.89	262	0.014	<1	2.61	0.004	0.04	<0.1	0.02	14.1	<0.1	<0.05	8	<0.5
1345828	Soil	15	16	2.31	185	0.030	<1	3.12	0.003	0.05	<0.1	0.02	10.6	<0.1	<0.05	9	<0.5
1345827	Soil	13	14	0.76	172	0.012	<1	1.38	0.003	0.03	<0.1	0.03	7.6	<0.1	<0.05	4	<0.5
1354868	Soil	13	21	1.11	310	0.012	<1	2.14	0.004	0.04	<0.1	0.02	5.3	<0.1	<0.05	5	<0.5
1354866	Soil	5	23	2.66	174	0.017	<1	3.29	0.003	0.03	<0.1	0.01	14.3	<0.1	<0.05	9	<0.5
1345835	Soil	12	16	1.00	115	0.027	1	2.05	0.003	0.03	<0.1	0.02	4.5	<0.1	<0.05	5	<0.5
1345833	Soil	7	20	2.00	118	0.047	<1	2.39	0.003	0.03	<0.1	0.01	6.9	<0.1	<0.05	7	<0.5
1345832	Soil	6	7	0.55	96	0.002	<1	0.91	0.002	0.05	<0.1	0.02	6.5	<0.1	<0.05	2	<0.5
1345830	Soil	11	8	3.61	333	0.143	<1	3.38	0.002	0.34	<0.1	<0.01	24.2	0.3	<0.05	12	0.9
1345836	Soil	13	5	1.48	66	0.003	<1	2.19	0.009	0.03	<0.1	0.01	6.1	<0.1	<0.05	6	<0.5
1345834	Soil	10	14	1.33	182	0.006	<1	1.80	0.002	0.04	<0.1	0.03	5.5	<0.1	<0.05	4	<0.5
1345831	Soil	15	20	1.24	207	0.015	<1	2.04	0.003	0.04	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
1345829	Soil	10	12	2.33	262	0.047	<1	2.74	0.003	0.05	<0.1	0.02	12.7	<0.1	<0.05	9	<0.5
1345846	Soil	16	26	1.15	145	0.009	<1	1.83	0.003	0.05	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5
1345848	Soil	14	24	0.59	203	0.040	2	1.82	0.006	0.04	0.1	0.03	4.0	<0.1	<0.05	5	<0.5
1345838	Soil	12	38	2.40	150	0.012	<1	2.92	0.003	0.04	<0.1	0.02	8.7	<0.1	<0.05	7	<0.5
1345837	Soil	11	14	1.60	146	0.009	<1	2.23	0.003	0.03	<0.1	0.02	5.3	<0.1	<0.05	6	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1345845	Soil	1.1	25.6	13.0	73	<0.1	23.0	12.5	328	3.50	107.7	0.6	6.0	4.3	9	<0.1	0.3	0.1	49	0.09	0.031
1345847	Soil	0.5	25.2	11.6	72	0.1	9.3	20.3	905	4.45	31.5	0.5	6.4	2.9	7	0.1	0.2	<0.1	61	0.18	0.053
1345840	Soil	0.7	27.2	9.3	60	0.1	13.3	16.4	595	3.51	7.5	0.5	3.8	3.3	10	<0.1	0.3	0.1	54	0.16	0.015
1345839	Soil	0.3	25.9	7.7	70	<0.1	7.4	15.9	697	4.21	4.5	0.7	4.5	2.8	6	<0.1	0.2	<0.1	56	0.11	0.021
1345843	Soil	0.9	20.3	10.7	74	0.2	18.7	12.0	401	3.49	24.6	0.5	6.7	5.2	7	<0.1	0.3	0.2	58	0.08	0.025
1345841	Soil	1.3	22.0	24.5	82	0.1	19.6	6.5	169	2.40	30.2	0.9	2.9	5.9	11	0.2	0.2	0.2	29	0.16	0.070
1345842	Soil	1.5	21.6	11.5	104	0.3	18.1	16.0	823	4.32	29.7	1.1	3.8	7.2	25	0.4	0.3	<0.1	28	0.57	0.113
1345844	Soil	1.4	23.5	13.5	51	0.2	21.5	8.7	273	2.85	108.9	0.9	7.9	4.2	12	0.2	0.4	0.2	58	0.12	0.027
1354957	Soil	0.4	27.6	9.5	94	0.2	18.6	11.9	628	3.35	13.7	1.0	11.4	6.5	15	0.3	0.1	0.1	49	0.27	0.088
1354958	Soil	0.8	34.2	10.9	98	0.2	20.0	12.2	650	3.42	13.8	1.3	27.0	4.4	15	0.3	0.2	0.1	38	0.28	0.075
1354955	Soil	0.6	28.3	10.7	84	0.1	16.5	12.8	780	3.45	20.6	0.8	4.4	3.8	17	0.2	0.3	0.1	51	0.31	0.065
1338270	Soil	0.7	23.9	9.0	80	0.1	14.3	9.7	550	3.01	4.1	1.1	4.3	3.9	18	0.2	0.2	0.1	30	0.31	0.064
1338273	Soil	0.3	31.0	16.3	77	0.2	12.3	16.7	946	3.38	14.8	0.5	3.6	2.6	13	0.3	0.2	0.2	37	0.23	0.069
1354956	Soil	0.5	21.9	8.2	65	<0.1	16.3	7.9	331	2.67	11.4	0.8	1.8	4.4	17	<0.1	0.2	<0.1	41	0.24	0.048
1354951	Rock Pulp	2.3	22.9	2.3	41	0.2	21.5	9.6	342	2.12	4.6	0.2	0.7	0.9	37	0.1	0.2	<0.1	59	0.80	0.052
1354959	Soil	0.6	29.4	11.1	90	0.2	19.6	11.4	643	2.97	36.4	1.5	6.7	5.2	17	0.4	0.2	0.1	38	0.30	0.086
1338271	Soil	0.6	26.6	8.3	75	0.2	15.9	8.1	431	2.99	35.8	0.8	5.3	2.8	15	0.1	0.2	0.1	47	0.24	0.074
1354952	Soil	0.3	21.0	22.2	57	0.3	24.2	9.9	389	2.14	30.5	1.0	8.9	5.8	11	0.1	0.2	0.3	11	0.18	0.071
1354960	Soil	0.7	26.9	12.7	75	0.2	18.1	9.3	346	2.77	20.5	1.3	6.8	5.7	15	0.1	0.2	0.1	45	0.23	0.067
1354954	Soil	0.3	22.3	11.1	68	<0.1	14.3	12.2	721	3.17	16.8	0.8	4.2	2.3	11	<0.1	0.2	0.1	38	0.22	0.064

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1345845	Soil	18	30	1.36	216	0.020	<1	2.34	0.005	0.06	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5
1345847	Soil	9	9	2.21	132	0.007	<1	2.73	0.002	0.03	<0.1	<0.01	7.4	<0.1	<0.05	7	<0.5
1345840	Soil	12	17	1.35	196	0.019	<1	2.29	0.007	0.04	<0.1	0.02	5.5	<0.1	<0.05	6	<0.5
1345839	Soil	10	10	1.95	165	0.008	<1	2.68	0.003	0.04	<0.1	0.02	6.7	<0.1	<0.05	7	<0.5
1345843	Soil	17	35	1.53	212	0.020	<1	2.44	0.003	0.05	<0.1	0.02	6.1	0.1	<0.05	7	<0.5
1345841	Soil	29	19	0.99	270	0.006	<1	1.57	0.003	0.08	<0.1	0.04	2.9	<0.1	<0.05	5	<0.5
1345842	Soil	19	15	0.79	257	0.002	<1	1.00	0.002	0.07	<0.1	0.01	10.5	<0.1	<0.05	3	0.6
1345844	Soil	16	32	0.56	241	0.043	<1	1.86	0.006	0.05	0.1	0.03	4.6	<0.1	<0.05	6	<0.5
1354957	Soil	26	32	1.49	138	0.028	<1	1.71	0.003	0.10	<0.1	<0.01	8.8	0.1	<0.05	6	<0.5
1354958	Soil	17	16	0.99	175	0.016	<1	1.67	0.005	0.05	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5
1354955	Soil	16	18	1.20	202	0.014	<1	1.88	0.004	0.06	<0.1	0.03	6.2	<0.1	<0.05	6	<0.5
1338270	Soil	14	13	0.66	285	0.015	<1	1.14	0.004	0.07	<0.1	0.02	4.4	<0.1	<0.05	4	<0.5
1338273	Soil	8	9	1.35	83	0.006	<1	1.62	0.003	0.04	<0.1	<0.01	4.1	<0.1	<0.05	5	<0.5
1354956	Soil	17	19	0.97	273	0.029	<1	1.63	0.005	0.05	<0.1	0.03	4.0	<0.1	<0.05	5	<0.5
1354951	Rock Pulp	4	28	0.70	90	0.110	2	1.37	0.073	0.12	11.4	0.02	4.6	<0.1	<0.05	5	<0.5
1354959	Soil	21	18	0.90	208	0.011	<1	1.46	0.003	0.06	<0.1	0.01	5.0	<0.1	<0.05	5	<0.5
1338271	Soil	14	22	1.02	276	0.010	<1	1.50	0.004	0.06	<0.1	0.02	4.8	<0.1	<0.05	5	<0.5
1354952	Soil	18	9	0.48	112	0.002	<1	0.76	0.002	0.06	<0.1	0.07	2.5	<0.1	<0.05	3	<0.5
1354960	Soil	20	23	0.87	305	0.023	<1	1.45	0.004	0.06	<0.1	0.03	5.6	<0.1	<0.05	5	<0.5
1354954	Soil	11	8	1.00	106	0.007	<1	1.42	0.002	0.05	<0.1	0.03	5.0	<0.1	<0.05	5	<0.5

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Method Analyte Unit MDL		AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1374247	Soil	0.3	39.0	5.2	81	0.1	16.5	22.0	1163	5.09	4.5	0.3	2.4	3.0	13	0.2	0.6	<0.1	91	1.78	0.088
REP 1374247	QC	0.4	40.2	5.4	81	<0.1	16.5	22.0	1199	5.29	4.9	0.3	2.3	3.0	12	0.2	0.6	<0.1	94	1.90	0.088
1345569	Soil	0.4	46.7	4.0	69	<0.1	13.5	19.1	786	5.28	14.8	0.4	2.3	1.5	11	<0.1	0.3	<0.1	68	0.24	0.040
REP 1345569	QC	0.4	47.3	4.0	74	<0.1	13.3	18.1	809	5.33	13.9	0.4	2.3	1.4	11	<0.1	0.4	<0.1	68	0.23	0.040
1369761	Soil	0.4	39.2	9.1	63	0.3	19.4	16.7	689	3.57	7.8	1.0	8.0	2.9	22	0.1	0.4	0.1	57	0.56	0.062
REP 1369761	QC	0.4	40.5	9.2	65	0.3	18.9	16.6	703	3.35	7.9	1.1	3.1	2.8	22	<0.1	0.4	0.1	56	0.56	0.058
1392769	Soil	0.3	11.7	3.6	92	<0.1	3.6	6.7	817	3.71	3.0	0.8	8.1	5.1	12	<0.1	0.2	<0.1	14	0.28	0.091
REP 1392769	QC	0.3	11.4	3.8	92	<0.1	3.7	6.7	798	3.70	3.3	0.6	5.9	5.2	12	<0.1	0.2	<0.1	15	0.27	0.094
1354920	Soil	<0.1	34.0	9.6	28	<0.1	17.0	6.6	183	0.89	3.3	1.3	1.9	5.0	18	<0.1	0.2	<0.1	13	0.31	0.076
REP 1354920	QC	0.1	35.8	9.5	27	<0.1	17.0	6.5	178	0.85	2.9	1.3	0.8	4.7	19	<0.1	0.3	<0.1	12	0.29	0.082
1357041	Soil	1.6	17.9	14.2	76	0.2	19.0	12.2	368	2.95	14.4	0.6	4.8	3.0	19	0.1	0.4	0.2	56	0.31	0.075
REP 1357041	QC	1.6	18.7	13.9	78	0.2	18.7	12.2	369	2.98	15.4	0.6	3.7	2.9	19	0.1	0.4	0.2	56	0.28	0.080
1339633	Soil	0.7	33.4	11.3	66	0.1	25.1	12.9	562	3.15	14.4	1.0	2.3	4.7	18	<0.1	0.4	0.1	56	0.28	0.052
REP 1339633	QC	0.7	32.5	11.2	67	0.1	25.3	12.9	567	3.19	14.0	0.9	0.9	4.8	17	<0.1	0.4	0.1	54	0.27	0.054
1354855	Soil	<0.1	64.4	4.4	71	0.2	16.5	23.0	1229	5.03	2.2	0.3	5.5	1.7	14	0.2	0.2	<0.1	91	0.39	0.074
REP 1354855	QC	<0.1	62.0	4.4	70	0.3	16.3	23.6	1213	5.07	2.2	0.3	6.3	1.7	14	0.1	0.2	<0.1	91	0.39	0.070
1345845	Soil	1.1	25.6	13.0	73	<0.1	23.0	12.5	328	3.50	107.7	0.6	6.0	4.3	9	<0.1	0.3	0.1	49	0.09	0.031
REP 1345845	QC	1.1	27.7	12.7	78	0.1	23.3	12.9	343	3.53	105.1	0.7	4.4	4.3	9	<0.1	0.3	0.1	48	0.09	0.033
Reference Materials																					
STD DS10	Standard	15.4	158.3	153.5	391	1.9	80.3	13.0	917	2.85	45.3	2.7	63.6	7.4	71	2.5	8.6	11.1	52	1.08	0.082
STD DS10	Standard	15.9	166.0	151.1	378	1.9	79.5	13.3	937	2.87	46.8	2.8	71.8	8.0	71	2.8	9.2	12.6	48	1.08	0.078
STD DS10	Standard	14.5	161.0	151.1	371	1.8	75.3	13.3	899	2.92	44.5	2.7	80.2	7.9	68	2.5	8.4	11.6	47	1.01	0.080
STD DS10	Standard	15.9	159.2	159.0	379	1.9	74.2	12.9	880	2.79	47.9	2.8	71.1	8.4	69	2.6	8.4	12.2	48	1.07	0.080
STD DS10	Standard	16.3	162.9	157.8	381	2.0	82.0	13.2	914	2.89	46.1	2.8	73.8	8.3	68	2.4	9.0	11.3	50	1.12	0.080
STD DS10	Standard	14.5	167.2	159.5	386	1.8	82.4	13.5	952	2.92	47.0	2.7	78.1	7.6	71	2.7	8.7	11.6	49	1.17	0.080
STD DS10	Standard	15.0	148.2	151.8	349	1.8	72.4	13.2	865	2.70	42.6	2.5	115.2	7.8	63	2.4	7.4	11.0	47	1.04	0.068
STD DS10	Standard	14.5	150.2	151.1	348	1.8	73.4	12.9	820	2.63	42.6	2.6	99.4	7.6	64	2.5	8.1	11.7	44	0.98	0.067
STD DS10	Standard	15.7	163.5	163.1	386	2.0	80.4	13.7	940	2.89	45.3	2.8	88.1	8.1	67	2.3	8.8	11.7	51	1.14	0.073

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1374247	Soil	12	24	0.89	173	0.007	3	1.33	0.005	0.06	<0.1	<0.01	15.8	<0.1	<0.05	5	<0.5	<0.2
REP 1374247	QC	12	24	0.88	178	0.007	2	1.32	0.003	0.06	<0.1	0.02	15.9	<0.1	<0.05	4	<0.5	<0.2
1345569	Soil	3	13	2.21	126	0.031	<1	2.74	0.003	0.04	<0.1	0.01	4.4	<0.1	<0.05	7	<0.5	<0.2
REP 1345569	QC	3	13	2.14	131	0.029	<1	2.63	0.003	0.04	<0.1	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
1369761	Soil	15	20	1.22	285	0.020	2	2.03	0.006	0.04	0.1	0.03	5.6	<0.1	<0.05	5	<0.5	<0.2
REP 1369761	QC	14	20	1.16	281	0.020	2	1.97	0.006	0.04	<0.1	0.04	5.7	<0.1	<0.05	6	0.6	<0.2
1392769	Soil	18	4	1.63	166	0.042	<1	1.93	0.002	0.10	<0.1	<0.01	6.2	<0.1	<0.05	6	<0.5	<0.2
REP 1392769	QC	18	4	1.64	172	0.040	<1	1.87	0.003	0.09	<0.1	<0.01	5.6	<0.1	<0.05	6	<0.5	<0.2
1354920	Soil	15	8	0.38	120	0.038	<1	0.56	0.005	0.06	<0.1	<0.01	3.3	<0.1	<0.05	2	0.5	<0.2
REP 1354920	QC	15	8	0.37	122	0.038	<1	0.55	0.005	0.05	<0.1	0.01	3.1	<0.1	<0.05	2	0.6	<0.2
1357041	Soil	11	27	1.21	150	0.044	<1	1.71	0.007	0.05	0.1	0.04	4.1	<0.1	<0.05	5	0.8	<0.2
REP 1357041	QC	11	27	1.28	151	0.041	<1	1.76	0.007	0.05	0.1	0.04	3.9	<0.1	<0.05	6	0.7	<0.2
1339633	Soil	17	31	1.12	281	0.033	1	2.04	0.006	0.05	<0.1	0.04	5.4	<0.1	<0.05	6	<0.5	<0.2
REP 1339633	QC	17	31	1.19	290	0.032	1	2.02	0.007	0.04	<0.1	0.04	5.2	<0.1	<0.05	6	<0.5	<0.2
1354855	Soil	10	28	2.86	207	0.008	<1	3.01	0.003	0.04	<0.1	0.02	10.7	<0.1	<0.05	8	<0.5	<0.2
REP 1354855	QC	10	29	2.81	207	0.009	<1	2.98	0.003	0.04	<0.1	<0.01	10.5	<0.1	<0.05	8	<0.5	<0.2
1345845	Soil	18	30	1.36	216	0.020	<1	2.34	0.005	0.06	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
REP 1345845	QC	18	30	1.45	214	0.021	<1	2.39	0.004	0.05	<0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	19	60	0.82	371	0.088	6	1.12	0.069	0.35	3.2	0.32	3.1	5.3	0.31	5	3.1	4.6
STD DS10	Standard	19	60	0.81	344	0.090	7	1.16	0.076	0.34	2.9	0.30	3.4	5.1	0.29	5	2.3	4.9
STD DS10	Standard	19	58	0.80	357	0.085	8	1.10	0.069	0.30	3.1	0.29	3.3	5.0	0.30	4	2.5	4.9
STD DS10	Standard	20	60	0.82	363	0.089	7	1.11	0.071	0.35	3.0	0.29	3.3	5.1	0.34	5	2.5	4.7
STD DS10	Standard	19	59	0.82	369	0.087	6	1.11	0.064	0.32	3.1	0.30	3.0	5.0	0.26	4	2.0	4.4
STD DS10	Standard	19	59	0.80	382	0.086	7	1.06	0.062	0.35	3.0	0.28	3.0	5.2	0.28	5	2.7	4.8
STD DS10	Standard	18	56	0.77	343	0.081	5	1.03	0.061	0.31	3.0	0.29	3.0	5.0	0.25	4	1.8	5.2
STD DS10	Standard	18	55	0.75	337	0.081	7	0.93	0.062	0.32	2.9	0.33	3.1	4.7	0.25	4	2.3	4.5
STD DS10	Standard	20	60	0.82	367	0.089	7	1.14	0.068	0.34	3.1	0.29	3.2	5.2	0.27	5	1.2	5.7

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		AQ201 Mo ppm 0.1	AQ201 Cu ppm 0.1	AQ201 Pb ppm 0.1	AQ201 Zn ppm 1	AQ201 Ag ppm 0.1	AQ201 Ni ppm 0.1	AQ201 Co ppm 0.1	AQ201 Mn ppm 1	AQ201 Fe % 0.01	AQ201 As ppm 0.5	AQ201 U ppm 0.1	AQ201 Au ppb 0.5	AQ201 Th ppm 0.1	AQ201 Sr ppm 1	AQ201 Cd ppm 0.1	AQ201 Sb ppm 0.1	AQ201 Bi ppm 0.1	AQ201 V ppm 2	AQ201 Ca % 0.01	AQ201 P % 0.001
STD OXC109	Standard	1.5	36.6	11.6	40	<0.1	78.5	21.3	428	3.06	0.6	0.6	197.6	1.6	155	<0.1	<0.1	<0.1	54	0.80	0.110
STD OXC109	Standard	1.5	38.2	11.3	41	<0.1	76.4	19.9	422	3.02	<0.5	0.6	205.1	1.6	153	<0.1	<0.1	<0.1	53	0.79	0.116
STD OXC109	Standard	1.5	36.1	11.1	39	<0.1	70.3	18.8	389	2.82	0.7	0.6	192.3	1.5	136	<0.1	<0.1	<0.1	46	0.70	0.106
STD OXC109	Standard	1.5	36.9	11.8	41	<0.1	71.8	19.5	413	2.88	0.6	0.6	192.0	1.6	146	<0.1	<0.1	<0.1	52	0.75	0.105
STD OXC109	Standard	1.8	33.8	11.2	38	<0.1	74.6	19.9	400	2.94	<0.5	0.6	188.2	1.5	139	<0.1	<0.1	<0.1	51	0.74	0.103
STD OXC109	Standard	1.2	36.8	11.7	42	<0.1	78.0	20.8	414	3.15	<0.5	0.6	195.6	1.5	152	<0.1	<0.1	<0.1	52	0.75	0.110
STD OXC109	Standard	1.4	34.3	10.5	37	<0.1	70.6	19.1	381	2.70	1.1	0.6	187.0	1.5	135	<0.1	<0.1	<0.1	50	0.72	0.099
STD OXC109	Standard	1.4	35.3	11.3	39	<0.1	70.9	19.5	409	2.84	0.6	0.6	192.5	1.5	145	<0.1	<0.1	<0.1	51	0.72	0.099
STD OXC109	Standard	1.3	34.8	11.3	38	<0.1	72.9	20.1	407	2.87	0.9	0.6	198.7	1.5	141	<0.1	<0.1	<0.1	52	0.77	0.098
STD DS10 Expected		14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OXC109 Expected		201																			
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	2	<0.01	<0.001

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		AQ201 La ppm 1	AQ201 Cr ppm 1	AQ201 Mg % 0.01	AQ201 Ba ppm 1	AQ201 Ti % 0.001	AQ201 B ppm 1	AQ201 Al % 0.01	AQ201 Na % 0.001	AQ201 K % 0.01	AQ201 W ppm 0.1	AQ201 Hg ppm 0.01	AQ201 Sc ppm 0.1	AQ201 Ti ppm 0.1	AQ201 S % 0.05	AQ201 Ga ppm 1	AQ201 Se ppm 0.5	AQ201 Te ppm 0.2
STD OXC109	Standard	13	63	1.56	58	0.408	1	1.62	0.714	0.42	0.2	<0.01	1.2	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	63	1.60	58	0.405	1	1.70	0.703	0.40	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	57	1.45	57	0.378	<1	1.58	0.647	0.38	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	13	62	1.46	57	0.409	2	1.59	0.660	0.40	0.1	<0.01	1.2	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	60	1.45	60	0.378	3	1.48	0.647	0.39	0.2	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	62	1.51	58	0.383	2	1.54	0.684	0.42	0.2	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	58	1.40	53	0.372	<1	1.53	0.660	0.37	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	13	58	1.49	58	0.378	2	1.54	0.653	0.39	0.2	<0.01	1.3	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	61	1.49	55	0.394	1	1.56	0.651	0.40	0.2	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OXC109 Expected																		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

Bureau Veritas Commodities Canada Ltd.
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Client: **Centerra Gold**
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Submitted By: Jodie Gibson
Receiving Lab: Canada-Whitehorse
Received: October 02, 2014
Report Date: October 16, 2014
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CERTIFICATE OF ANALYSIS

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CLIENT JOB INFORMATION

Project: KSD
Shipment ID: KSD2014-09-25
P.O. Number
Number of Samples: 296

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Centerra Gold
1 University Avenue, Suite 1500
Toronto ON M5J 2P1
CANADA

CC: Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	296	Dry at 60C			WHI
SS80	292	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	296	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
DISP2	296	Heat treatment of Soils and Sediments			VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI14000228.1

	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1392877	Soil	0.4	83.3	8.5	64	<0.1	22.4	24.4	1207	4.60	7.0	0.3	5.9	2.3	4	<0.1	0.6	<0.1	79	0.09	0.028
1338346	Soil	0.8	27.0	8.8	73	<0.1	9.3	16.5	885	4.79	3.9	0.6	3.9	2.8	7	<0.1	0.5	0.1	102	0.09	0.031
1338268	Soil	1.1	23.3	11.7	66	0.1	19.2	10.5	519	3.11	19.7	2.2	4.2	3.5	30	0.2	0.3	0.1	46	0.53	0.081
1338266	Soil	1.0	23.8	7.3	56	0.1	13.6	8.6	604	3.57	66.2	1.4	18.1	4.0	28	0.2	0.3	0.2	32	0.51	0.117
1338350	Soil	0.2	44.9	7.3	83	0.2	11.0	23.0	1327	4.74	2.9	0.4	2.8	2.7	8	0.2	0.3	0.2	105	0.26	0.070
1392879	Soil	1.0	44.7	6.5	64	0.3	21.9	21.1	595	5.97	7.1	0.2	1.0	1.1	7	0.1	0.3	0.1	161	0.09	0.024
1338344	Soil	0.5	157.4	5.2	98	0.1	18.4	29.5	1066	5.66	4.7	0.4	7.4	1.8	7	<0.1	0.3	<0.1	95	0.20	0.033
1338265	Soil	0.7	18.5	11.1	74	0.2	15.7	9.8	594	3.05	12.1	1.5	6.0	2.9	38	0.3	0.2	0.1	38	0.60	0.092
1338349	Soil	1.9	37.3	9.0	100	<0.1	22.4	15.4	635	5.29	160.7	0.9	3.0	4.8	4	0.1	0.3	<0.1	74	0.07	0.037
1392878	Soil	0.4	92.7	7.8	70	0.5	24.2	22.8	726	5.67	27.4	0.5	7.1	2.3	5	<0.1	0.3	0.1	132	0.07	0.015
1338345	Soil	0.8	47.3	5.5	81	<0.1	3.6	11.5	771	4.53	4.0	0.8	8.2	2.9	3	<0.1	0.6	<0.1	33	0.09	0.046
1338269	Soil	0.9	25.2	10.7	72	0.1	17.9	13.0	708	3.36	15.5	1.6	39.4	2.4	30	0.2	0.3	0.1	53	0.60	0.058
1338348	Soil	1.0	34.5	9.3	84	<0.1	27.4	15.3	611	4.32	6.8	0.6	1.5	4.4	6	0.1	0.3	0.1	82	0.07	0.028
1392876	Soil	0.4	46.5	4.6	49	<0.1	23.3	15.8	575	3.56	3.8	0.4	3.4	1.7	9	<0.1	0.3	<0.1	84	0.18	0.018
1392880	Soil	0.2	40.5	7.4	63	0.2	21.1	17.7	1163	4.60	2.0	0.2	2.1	2.5	9	<0.1	<0.1	<0.1	78	0.19	0.036
1338272	Soil	0.3	25.0	11.2	67	0.2	14.3	12.0	692	3.51	29.0	0.5	5.4	2.3	11	<0.1	0.2	0.1	48	0.23	0.074
1392885	Soil	1.3	42.3	10.4	85	<0.1	37.5	22.4	801	3.79	94.2	0.6	4.3	5.3	8	0.4	0.2	<0.1	52	0.19	0.084
1338261	Soil	1.1	15.7	12.6	74	0.2	13.7	7.8	417	2.70	9.9	1.1	4.2	3.7	13	0.2	0.3	0.1	38	0.24	0.071
1338258	Soil	1.1	12.7	6.3	59	0.2	15.0	6.6	429	2.80	12.1	1.7	10.0	6.7	11	0.1	0.2	0.1	18	0.27	0.097
1338347	Soil	0.8	21.5	5.8	73	<0.1	4.4	9.8	918	3.78	2.3	0.6	7.6	2.1	5	<0.1	0.3	<0.1	38	0.08	0.049
1392889	Soil	1.4	43.4	21.9	95	0.5	25.6	17.1	849	3.95	17.9	0.4	3.8	5.6	11	0.3	0.2	0.2	31	0.24	0.087
1392884	Soil	1.0	38.2	13.0	88	0.2	34.3	18.6	657	4.33	17.1	0.6	2.3	5.1	13	0.2	0.2	0.1	78	0.27	0.055
1338257	Soil	1.0	13.1	5.8	57	0.2	16.1	5.9	293	2.45	16.2	1.8	7.3	7.3	11	0.1	0.2	0.1	17	0.22	0.079
1338260	Soil	1.1	17.5	8.7	61	0.2	14.6	6.2	241	2.23	14.2	1.3	6.8	3.4	14	0.2	0.3	0.1	26	0.25	0.073
1392890	Soil	0.8	16.0	16.3	67	<0.1	5.3	19.1	786	4.43	5.6	0.2	1.1	1.9	5	<0.1	0.2	0.1	61	0.08	0.046
1392886	Soil	1.5	31.8	13.7	97	0.2	30.3	11.1	343	3.63	174.2	0.9	30.3	4.3	14	0.2	0.3	0.1	42	0.20	0.078
1338262	Soil	1.0	10.1	8.9	49	0.1	13.3	6.7	396	2.28	8.9	1.6	7.9	8.8	14	0.1	0.2	0.1	16	0.27	0.085
1338259	Soil	0.8	20.2	11.6	71	0.4	16.7	9.7	616	2.71	11.8	1.0	7.6	1.7	19	0.2	0.2	0.1	44	0.31	0.076
1392891	Soil	0.3	18.4	12.5	67	<0.1	6.4	16.8	1320	4.66	3.3	0.2	0.8	2.3	6	0.1	<0.1	<0.1	54	0.10	0.040
1392888	Soil	2.0	45.0	14.8	98	0.2	39.1	12.8	338	3.64	299.9	0.8	19.2	4.8	19	0.2	0.3	0.1	46	0.22	0.082

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1392877	Soil	13	17	2.58	78	0.050	<1	2.66	0.002	0.04	<0.1	<0.01	6.5	<0.1	<0.05	7	<0.5
1338346	Soil	16	15	1.91	229	0.028	1	2.89	0.004	0.04	<0.1	0.03	10.5	<0.1	<0.05	9	<0.5
1338268	Soil	15	19	0.98	266	0.017	1	1.53	0.006	0.05	0.1	0.02	4.8	<0.1	<0.05	5	1.3
1338266	Soil	15	14	0.62	217	0.016	1	1.27	0.006	0.05	0.1	0.03	5.3	<0.1	<0.05	4	0.7
1338350	Soil	12	16	2.72	100	0.004	<1	2.84	0.003	0.03	<0.1	0.02	14.1	<0.1	<0.05	10	<0.5
1392879	Soil	5	26	2.26	86	0.047	<1	3.82	0.003	0.03	<0.1	0.02	9.9	<0.1	<0.05	13	<0.5
1338344	Soil	13	21	2.92	149	0.010	<1	3.18	0.003	0.03	<0.1	0.02	13.8	<0.1	<0.05	8	<0.5
1338265	Soil	14	15	0.91	240	0.013	1	1.55	0.005	0.05	<0.1	0.03	4.9	<0.1	<0.05	5	0.7
1338349	Soil	13	22	2.12	154	0.012	<1	2.65	0.003	0.04	<0.1	0.02	8.1	<0.1	<0.05	8	0.6
1392878	Soil	8	29	2.71	82	0.018	<1	3.80	0.003	0.02	<0.1	0.03	14.3	<0.1	<0.05	9	<0.5
1338345	Soil	14	3	0.67	86	0.003	<1	1.11	0.002	0.03	<0.1	0.01	8.9	<0.1	<0.05	3	<0.5
1338269	Soil	10	19	1.32	242	0.026	<1	2.01	0.007	0.05	0.1	0.02	4.9	<0.1	<0.05	6	0.9
1338348	Soil	13	40	1.81	196	0.037	<1	2.55	0.003	0.05	<0.1	0.02	9.5	0.1	<0.05	8	0.5
1392876	Soil	7	42	2.01	172	0.045	<1	2.51	0.003	0.03	<0.1	<0.01	6.8	<0.1	<0.05	8	<0.5
1392880	Soil	11	37	3.00	140	0.008	<1	3.03	0.002	0.03	<0.1	0.02	7.8	<0.1	<0.05	8	<0.5
1338272	Soil	11	16	1.48	170	0.011	<1	2.15	0.004	0.05	<0.1	0.02	4.2	<0.1	<0.05	6	<0.5
1392885	Soil	14	44	2.34	155	0.004	<1	2.60	0.002	0.04	<0.1	<0.01	5.3	<0.1	<0.05	7	<0.5
1338261	Soil	18	16	0.71	236	0.020	<1	1.33	0.005	0.05	0.1	0.03	3.8	<0.1	<0.05	4	<0.5
1338258	Soil	23	13	0.63	167	0.009	<1	1.16	0.003	0.04	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5
1338347	Soil	9	6	0.66	187	0.014	<1	1.38	0.003	0.05	<0.1	0.01	7.3	<0.1	<0.05	6	<0.5
1392889	Soil	9	19	2.01	75	0.003	<1	2.19	0.002	0.05	<0.1	<0.01	3.8	<0.1	<0.05	6	<0.5
1392884	Soil	19	47	2.26	186	0.014	<1	2.48	0.003	0.04	<0.1	0.01	10.3	<0.1	<0.05	7	<0.5
1338257	Soil	27	13	0.50	192	0.012	<1	0.98	0.003	0.04	<0.1	0.01	2.7	<0.1	<0.05	3	<0.5
1338260	Soil	17	15	0.51	251	0.020	<1	1.01	0.006	0.05	<0.1	0.03	3.1	<0.1	<0.05	3	<0.5
1392890	Soil	5	9	1.73	76	0.012	<1	2.64	0.002	0.03	<0.1	<0.01	3.9	<0.1	<0.05	8	<0.5
1392886	Soil	24	27	1.73	167	0.008	<1	2.16	0.003	0.07	<0.1	0.02	3.5	<0.1	<0.05	6	<0.5
1338262	Soil	30	10	0.32	179	0.006	<1	0.68	0.004	0.06	<0.1	0.02	3.0	<0.1	<0.05	2	<0.5
1338259	Soil	16	19	0.91	410	0.011	<1	1.71	0.005	0.07	0.1	0.03	3.6	<0.1	<0.05	5	<0.5
1392891	Soil	10	9	2.39	100	0.009	<1	3.12	0.002	0.04	<0.1	<0.01	4.7	<0.1	<0.05	7	<0.5
1392888	Soil	21	28	2.02	171	0.009	<1	2.30	0.003	0.07	<0.1	0.01	3.2	<0.1	<0.05	6	<0.5

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1338267	Soil	0.6	16.3	6.8	66	<0.1	13.2	8.9	500	2.99	15.9	1.9	23.7	2.9	30	0.1	0.2	0.1	35	0.62
1338264	Soil	1.4	23.6	15.6	81	0.2	18.6	8.4	535	2.97	9.5	1.4	11.0	3.4	31	0.2	0.3	0.2	46	0.59
1338336	Soil	0.8	33.3	8.1	89	0.1	26.3	12.5	513	3.53	62.2	0.6	10.7	3.7	14	0.2	0.3	0.1	52	0.19
1338332	Soil	0.9	28.4	10.2	74	0.1	20.8	12.5	711	3.47	14.3	0.6	6.9	3.3	15	0.1	0.5	0.1	55	0.29
1338327	Soil	0.9	25.7	11.3	82	0.2	21.7	10.5	486	3.43	17.6	0.8	7.6	4.2	13	0.1	0.3	0.1	55	0.24
1392883	Soil	0.4	16.5	9.1	64	<0.1	9.1	15.1	764	4.09	5.6	0.2	2.1	2.2	3	<0.1	0.2	<0.1	55	0.06
1338335	Soil	0.3	38.7	12.7	77	0.2	19.2	16.6	1135	3.86	14.9	0.4	5.7	2.9	12	0.2	0.2	0.1	46	0.25
1338263	Soil	1.1	19.7	9.1	87	0.2	14.1	7.9	336	2.92	8.7	1.1	22.2	4.1	18	0.2	0.3	0.2	28	0.37
1338328	Soil	0.8	22.2	10.6	73	<0.1	17.1	9.1	382	2.95	13.4	0.7	49.9	3.6	11	<0.1	0.3	<0.1	41	0.19
1392881	Soil	1.2	35.4	10.4	55	0.1	15.3	9.1	379	2.87	9.9	0.3	2.2	4.2	6	<0.1	0.2	<0.1	25	0.10
1338337	Soil	0.7	33.9	6.7	97	0.1	21.6	11.9	606	3.74	25.4	0.9	33.6	3.2	16	0.2	0.2	0.1	50	0.33
1338334	Soil	0.4	34.4	22.5	73	0.1	32.0	12.8	639	2.64	22.1	0.7	6.4	4.5	12	0.1	0.3	0.3	22	0.22
1338329	Soil	0.8	27.5	9.0	75	0.2	19.3	10.3	592	3.13	11.2	0.7	356.2	3.8	14	0.1	0.3	<0.1	40	0.26
1392882	Soil	0.9	19.7	10.0	54	0.1	18.8	9.9	364	3.07	9.3	0.4	3.1	2.9	7	<0.1	0.6	0.1	50	0.09
1338338	Soil	0.9	25.3	6.5	62	0.2	10.2	10.5	529	3.41	3.4	0.6	6.4	2.2	11	<0.1	0.3	0.1	48	0.21
1338331	Soil	0.8	33.7	16.0	87	<0.1	23.4	13.4	660	3.52	18.1	0.6	7.1	4.3	16	0.2	0.4	<0.1	42	0.26
1338330	Soil	0.8	22.1	11.4	65	0.1	16.2	10.8	411	3.19	11.3	0.6	5.0	3.5	8	<0.1	0.4	<0.1	52	0.12
1338326	Soil	1.3	24.3	13.1	80	0.3	20.5	12.2	633	3.29	30.4	0.6	9.4	3.9	11	0.1	0.3	0.1	48	0.20
1338317	Soil	1.3	52.8	20.3	123	0.4	15.2	14.6	412	3.97	12.9	1.2	13.6	2.8	12	0.5	0.4	0.2	56	0.24
1338316	Soil	1.5	41.3	36.5	122	0.4	13.8	14.8	323	3.53	11.9	1.0	14.5	2.6	14	0.7	0.3	0.2	45	0.27
1338312	Soil	0.9	125.9	8.8	65	1.2	26.6	19.3	815	3.36	13.8	0.9	16.0	2.7	21	0.3	0.3	0.7	39	0.65
1338313	Soil	0.9	77.0	7.0	65	0.8	29.5	16.9	839	3.69	14.1	1.0	9.6	4.9	14	0.2	0.3	0.5	40	0.40
1338320	Soil	1.5	25.0	13.5	77	0.1	18.3	10.5	353	2.92	15.3	0.7	9.5	3.6	9	0.1	0.3	0.1	37	0.17
1338315	Soil	1.0	26.4	5.7	42	0.3	11.5	13.3	533	3.16	10.9	1.2	7.9	2.2	22	0.2	0.3	0.4	26	0.71
1338318	Soil	1.3	47.9	13.3	96	0.3	13.4	14.8	426	3.75	15.7	1.0	29.5	3.6	8	0.3	0.4	0.3	37	0.17
1338314	Soil	1.1	48.3	5.8	57	0.5	25.7	20.7	1189	3.99	13.7	1.2	7.1	3.1	16	0.2	0.3	0.6	41	0.49
1338342	Soil	1.2	31.8	11.2	64	0.2	29.5	10.8	297	3.01	54.6	0.8	12.5	4.3	10	0.1	0.7	0.2	55	0.09
1338340	Soil	1.3	45.8	11.3	82	0.1	23.8	15.5	882	4.09	35.5	0.6	17.0	4.4	7	0.1	0.3	<0.1	44	0.26
1338322	Soil	1.3	23.9	13.3	67	0.2	21.2	7.8	238	3.13	92.8	0.7	10.0	2.8	7	0.1	0.4	0.2	53	0.09
1338321	Soil	0.8	19.9	12.0	71	0.2	16.0	10.4	342	2.90	26.8	0.5	4.3	3.9	11	0.1	0.2	0.1	38	0.20

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1338267	Soil	12	14	0.87	168	0.012	<1	1.49	0.004	0.05	<0.1	0.02	4.5	<0.1	<0.05	5	0.9	<0.2
1338264	Soil	17	22	0.69	331	0.022	<1	1.41	0.008	0.06	0.1	0.04	5.6	<0.1	<0.05	5	0.5	<0.2
1338336	Soil	14	21	1.09	151	0.012	<1	1.57	0.003	0.06	<0.1	<0.01	5.5	<0.1	<0.05	5	<0.5	<0.2
1338332	Soil	13	21	1.16	238	0.028	<1	1.80	0.006	0.04	0.1	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
1338327	Soil	17	25	1.51	240	0.024	<1	2.23	0.004	0.05	<0.1	0.02	4.8	<0.1	<0.05	6	<0.5	<0.2
1392883	Soil	7	10	1.90	103	0.005	<1	2.64	0.002	0.04	<0.1	0.02	4.2	<0.1	<0.05	7	<0.5	<0.2
1338335	Soil	11	15	1.77	97	0.005	<1	2.11	0.002	0.04	<0.1	0.02	5.0	<0.1	<0.05	6	<0.5	<0.2
1338263	Soil	17	15	0.70	352	0.015	<1	1.24	0.005	0.04	0.1	0.04	4.4	<0.1	<0.05	4	0.5	<0.2
1338328	Soil	12	20	1.13	267	0.014	<1	1.75	0.003	0.03	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1392881	Soil	7	22	1.12	171	0.004	<1	1.79	0.002	0.03	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1338337	Soil	10	23	1.20	148	0.007	<1	1.42	0.003	0.05	<0.1	<0.01	6.7	<0.1	<0.05	6	<0.5	<0.2
1338334	Soil	11	14	0.91	109	0.008	<1	1.31	0.003	0.04	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1338329	Soil	10	18	1.37	221	0.015	<1	1.83	0.003	0.03	<0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
1392882	Soil	9	21	0.88	208	0.021	<1	2.01	0.004	0.04	0.1	0.04	3.4	<0.1	<0.05	5	<0.5	<0.2
1338338	Soil	9	12	0.94	224	0.012	<1	1.47	0.003	0.04	<0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1338331	Soil	12	18	1.54	192	0.012	<1	1.98	0.005	0.04	<0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1338330	Soil	12	20	1.14	209	0.021	<1	1.89	0.004	0.03	0.1	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
1338326	Soil	15	22	1.28	243	0.014	<1	2.06	0.005	0.04	0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1338317	Soil	14	18	1.15	314	0.009	<1	1.91	0.004	0.03	<0.1	0.08	6.0	<0.1	<0.05	6	1.0	<0.2
1338316	Soil	13	16	0.99	370	0.007	<1	1.69	0.003	0.03	<0.1	0.09	4.4	<0.1	<0.05	5	0.9	<0.2
1338312	Soil	14	41	1.45	203	0.008	<1	1.76	0.003	0.02	<0.1	0.06	5.2	<0.1	<0.05	5	1.0	<0.2
1338313	Soil	21	44	1.27	220	0.009	<1	1.75	0.003	0.02	<0.1	0.04	5.1	<0.1	<0.05	5	0.9	<0.2
1338320	Soil	14	25	1.04	230	0.015	<1	1.63	0.003	0.04	<0.1	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
1338315	Soil	17	12	0.86	245	0.009	<1	1.50	0.004	0.02	<0.1	0.04	3.5	<0.1	0.07	4	0.9	<0.2
1338318	Soil	13	15	0.95	171	0.011	<1	1.53	0.004	0.03	<0.1	0.07	5.4	<0.1	<0.05	5	0.7	<0.2
1338314	Soil	20	55	1.31	206	0.010	<1	2.00	0.004	0.03	<0.1	0.04	5.1	<0.1	<0.05	6	0.9	<0.2
1338342	Soil	14	32	0.63	209	0.039	1	1.96	0.006	0.05	0.2	0.05	4.9	<0.1	<0.05	5	<0.5	<0.2
1338340	Soil	13	20	1.52	136	0.004	1	2.13	0.002	0.03	<0.1	0.02	6.1	<0.1	<0.05	6	<0.5	<0.2
1338322	Soil	13	24	0.94	214	0.015	<1	1.94	0.003	0.04	0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1338321	Soil	12	21	1.29	212	0.041	1	1.75	0.003	0.05	<0.1	0.01	4.4	<0.1	<0.05	5	<0.5	<0.2

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1338343	Soil	1.1	66.1	9.8	195	0.3	8.0	15.2	994	5.85	4.4	0.7	13.9	3.1	3	0.3	0.2	0.2	79	0.04	0.064
1338341	Soil	1.1	34.6	76.9	80	0.6	37.0	15.1	950	2.93	21.3	0.7	6.6	5.8	11	0.3	0.2	0.6	23	0.26	0.089
1338339	Soil	1.0	13.8	9.3	77	0.1	7.3	5.0	431	2.53	3.5	0.7	7.2	4.7	5	<0.1	0.2	0.2	16	0.12	0.046
1338323	Soil	1.2	23.6	11.1	73	0.2	21.6	9.8	328	2.99	76.1	0.6	7.1	3.6	8	0.1	0.4	0.1	47	0.13	0.047
1338333	Soil	0.8	19.1	8.5	60	0.1	14.8	11.1	508	3.29	13.7	0.6	4.7	2.7	9	<0.1	0.3	0.1	49	0.15	0.023
1392887	Soil	1.4	28.6	13.5	77	0.2	23.2	10.3	358	3.16	67.3	0.7	12.1	3.0	11	<0.1	0.3	0.1	44	0.15	0.058
1338319	Soil	1.1	84.5	12.8	217	0.1	9.6	25.1	662	5.65	13.3	0.7	25.1	2.3	6	0.2	0.5	0.3	82	0.13	0.079
1385234	Soil	0.3	72.6	5.6	66	0.4	18.4	19.3	815	4.45	4.9	0.3	3.8	1.4	12	<0.1	0.3	<0.1	73	0.39	0.068
1385226	Soil	0.8	38.2	9.0	82	0.6	28.7	12.0	645	3.76	103.7	1.3	4.4	6.3	16	0.2	0.5	0.2	32	0.53	0.141
1385230	Soil	0.7	39.3	9.3	58	0.4	21.5	16.6	978	3.66	12.3	0.7	2.3	2.6	19	0.1	0.5	0.1	62	0.53	0.041
1385231	Soil	0.2	28.6	2.7	52	0.5	9.9	18.3	675	3.62	4.4	0.1	4.7	1.3	15	<0.1	0.3	<0.1	58	0.95	0.078
1385236	Soil	0.3	62.4	7.9	71	0.2	23.6	19.7	945	4.73	2.9	0.5	5.3	2.3	12	0.1	0.2	<0.1	102	0.29	0.056
1385237	Soil	0.3	64.3	6.4	70	0.2	19.7	22.1	672	4.38	4.0	0.7	21.1	1.3	27	0.2	0.2	<0.1	91	0.63	0.062
1385229	Soil	0.7	26.1	12.1	64	0.2	22.1	10.6	556	2.97	23.4	0.9	3.6	4.8	17	<0.1	0.4	0.2	48	0.34	0.022
1385232	Soil	0.2	44.3	4.6	63	0.3	13.9	19.6	993	3.99	8.2	0.3	2.9	1.6	8	<0.1	0.5	<0.1	51	0.23	0.054
1385235	Soil	0.7	58.3	9.4	66	0.2	22.5	19.2	633	4.21	8.5	0.8	6.3	2.3	17	0.1	0.3	0.2	79	0.36	0.037
1385228	Soil	0.8	29.2	9.0	60	0.2	18.2	10.7	360	3.28	15.3	0.5	3.8	3.6	10	<0.1	0.5	0.2	48	0.20	0.026
1385227	Soil	0.6	37.5	10.5	81	0.5	18.5	15.9	930	4.29	16.0	0.8	10.0	3.5	14	0.3	0.4	0.1	63	0.37	0.077
1385233	Soil	0.3	57.6	6.4	69	0.3	15.2	18.3	753	4.11	8.7	0.3	17.1	1.1	12	<0.1	0.4	<0.1	55	0.27	0.041
1385206	Soil	0.3	63.2	9.2	68	<0.1	25.1	16.5	752	3.73	7.1	0.7	6.7	3.2	13	<0.1	0.3	<0.1	54	0.27	0.049
1385241	Soil	0.5	31.9	8.9	69	<0.1	18.6	10.5	404	3.24	7.1	0.8	4.6	4.4	10	<0.1	0.6	<0.1	54	0.18	0.041
1385238	Soil	0.5	32.9	9.0	58	0.1	18.4	15.5	938	3.28	4.9	0.9	6.6	1.7	38	0.2	0.3	0.1	61	0.72	0.078
1385203	Soil	0.5	42.0	11.2	67	0.2	23.2	15.3	592	3.61	8.3	0.7	4.1	3.5	13	<0.1	0.3	0.1	68	0.20	0.040
1385205	Soil	0.6	29.1	9.1	52	0.1	19.6	11.7	542	2.93	8.4	1.2	3.9	3.5	19	<0.1	0.4	0.1	51	0.29	0.049
1385245	Soil	0.2	34.8	8.8	66	<0.1	13.8	16.2	1111	3.83	3.9	1.0	5.2	3.6	10	<0.1	0.4	<0.1	58	0.20	0.032
1385239	Soil	0.2	46.1	4.5	55	0.1	15.9	14.1	590	3.02	4.4	0.5	8.1	1.7	18	<0.1	0.4	<0.1	43	0.34	0.055
1385201	Rock Pulp	1.2	516.1	22.8	57	0.2	245.1	93.8	860	16.31	3.6	1.4	40.3	8.0	15	0.1	0.3	0.2	215	0.40	0.038
1385202	Soil	0.8	29.4	9.7	64	0.1	17.8	14.1	564	3.41	6.8	0.7	6.9	3.1	12	<0.1	0.4	0.1	66	0.14	0.019
1385249	Soil	0.5	29.7	15.0	85	<0.1	15.7	17.1	737	3.85	23.1	0.5	4.9	3.6	8	0.1	0.3	<0.1	58	0.13	0.048
1385243	Soil	0.3	37.2	10.2	60	0.1	12.4	12.9	631	3.57	4.5	0.5	3.7	2.6	6	<0.1	0.2	<0.1	41	0.12	0.024

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1338343	Soil	11	5	0.79	89	0.002	<1	1.03	0.002	0.02	<0.1	0.05	9.7	<0.1	<0.05	3	0.9
1338341	Soil	12	16	1.26	127	0.005	<1	1.50	0.002	0.05	<0.1	0.01	3.1	<0.1	<0.05	6	<0.5
1338339	Soil	13	7	0.46	158	0.009	<1	0.76	0.003	0.06	<0.1	<0.01	2.9	<0.1	<0.05	3	<0.5
1338323	Soil	13	24	0.96	226	0.014	<1	1.82	0.003	0.04	0.1	0.02	3.8	<0.1	<0.05	6	<0.5
1338333	Soil	9	18	1.00	210	0.019	<1	1.84	0.004	0.03	0.1	0.02	4.5	<0.1	<0.05	6	<0.5
1392887	Soil	16	28	1.38	218	0.012	<1	2.07	0.003	0.05	<0.1	0.02	3.3	<0.1	<0.05	7	<0.5
1338319	Soil	5	11	2.50	79	0.005	<1	2.63	0.006	0.02	<0.1	0.03	9.4	<0.1	<0.05	7	0.9
1385234	Soil	6	13	1.74	147	0.013	<1	2.34	0.003	0.05	<0.1	0.02	7.0	<0.1	<0.05	7	<0.5
1385226	Soil	33	25	1.25	126	0.005	<1	1.92	0.003	0.02	<0.1	0.01	3.5	<0.1	<0.05	6	<0.5
1385230	Soil	15	25	1.17	205	0.015	<1	1.94	0.005	0.03	<0.1	0.04	6.0	<0.1	<0.05	6	<0.5
1385231	Soil	9	17	1.77	36	0.010	<1	2.14	0.001	0.01	<0.1	<0.01	6.7	<0.1	<0.05	6	<0.5
1385236	Soil	4	29	1.61	159	0.009	<1	2.11	0.004	0.02	<0.1	0.02	14.0	<0.1	<0.05	7	<0.5
1385237	Soil	6	17	1.80	241	0.013	1	2.44	0.004	0.04	<0.1	0.02	10.0	<0.1	<0.05	7	<0.5
1385229	Soil	17	26	0.76	294	0.017	2	1.92	0.006	0.03	0.1	0.01	4.1	<0.1	<0.05	5	<0.5
1385232	Soil	5	17	1.88	173	0.013	<1	2.25	0.002	0.02	<0.1	0.02	5.1	<0.1	<0.05	6	<0.5
1385235	Soil	7	19	1.38	237	0.017	<1	2.09	0.004	0.03	<0.1	0.03	8.8	<0.1	<0.05	6	<0.5
1385228	Soil	18	23	1.04	183	0.020	1	2.05	0.004	0.02	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
1385227	Soil	18	23	1.57	105	0.017	<1	2.25	0.004	0.02	<0.1	0.02	6.2	<0.1	<0.05	7	<0.5
1385233	Soil	3	11	1.60	155	0.021	2	2.14	0.003	0.04	<0.1	0.01	4.3	<0.1	<0.05	6	<0.5
1385206	Soil	13	21	1.41	195	0.015	2	2.02	0.003	0.03	<0.1	0.03	4.6	<0.1	<0.05	5	<0.5
1385241	Soil	9	21	0.75	192	0.008	1	1.61	0.003	0.03	<0.1	0.01	5.0	<0.1	<0.05	5	<0.5
1385238	Soil	9	25	1.36	280	0.014	2	2.25	0.006	0.03	0.1	0.03	5.7	<0.1	0.06	6	<0.5
1385203	Soil	16	33	1.50	194	0.025	2	2.46	0.004	0.04	<0.1	0.03	6.8	<0.1	<0.05	7	<0.5
1385205	Soil	14	24	0.91	303	0.029	<1	1.75	0.008	0.04	0.1	0.03	5.1	<0.1	<0.05	5	<0.5
1385245	Soil	14	15	1.58	221	0.015	1	2.34	0.004	0.04	<0.1	0.03	8.3	<0.1	<0.05	6	0.6
1385239	Soil	6	14	1.29	143	0.014	1	1.75	0.003	0.03	<0.1	0.03	3.7	<0.1	<0.05	4	<0.5
1385201	Rock Pulp	18	707	0.15	158	0.147	5	3.64	0.013	0.07	<0.1	0.04	43.4	<0.1	<0.05	18	<0.5
1385202	Soil	12	25	1.17	213	0.032	1	2.29	0.005	0.03	0.1	0.03	6.2	<0.1	<0.05	6	<0.5
1385249	Soil	11	21	1.70	151	0.014	1	2.19	0.004	0.04	<0.1	0.01	5.0	<0.1	<0.05	7	<0.5
1385243	Soil	8	18	1.33	138	0.010	1	2.07	0.003	0.03	<0.1	<0.01	4.7	<0.1	<0.05	6	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1385242	Soil	0.3	37.1	5.7	56	0.1	14.8	15.0	583	3.71	8.1	0.6	7.0	2.3	7	<0.1	0.6	0.1	59	0.13	0.028
1385250	Soil	0.4	33.4	12.0	74	<0.1	14.5	16.4	820	4.22	5.6	0.5	14.0	2.8	13	<0.1	0.3	0.1	78	0.25	0.045
1385248	Soil	0.6	29.8	18.5	84	<0.1	20.3	12.4	477	3.47	36.6	0.6	11.9	4.3	14	<0.1	0.4	0.1	53	0.19	0.053
1385244	Soil	0.3	43.5	9.0	71	0.1	20.7	15.0	734	3.70	5.8	0.9	7.3	3.8	19	0.1	0.4	0.1	57	0.37	0.069
1385240	Soil	0.3	32.1	5.9	61	<0.1	16.6	13.2	585	2.96	4.9	0.5	6.1	2.4	16	<0.1	0.3	<0.1	47	0.27	0.052
1385204	Soil	0.7	34.6	10.9	63	0.1	21.4	11.5	506	3.02	8.9	0.6	3.0	4.0	15	<0.1	0.6	0.2	55	0.17	0.029
1354795	Soil	0.4	31.7	3.3	77	0.1	12.5	17.2	832	4.21	5.1	0.4	12.3	1.2	20	<0.1	0.4	<0.1	67	0.48	0.067
1354789	Soil	0.4	22.4	9.9	67	0.3	11.0	9.7	542	3.26	7.6	0.6	10.4	3.6	12	<0.1	0.4	<0.1	42	0.29	0.051
1374048	Soil	0.7	34.4	9.6	76	0.2	24.7	15.4	567	3.54	10.2	0.9	3.8	3.3	32	0.2	0.2	0.1	64	0.57	0.073
1385247	Soil	1.5	54.8	19.2	102	0.7	42.0	15.1	674	3.88	69.1	1.6	14.0	4.8	23	0.3	0.3	0.1	58	0.28	0.074
1354794	Soil	0.6	45.1	6.2	78	0.2	22.8	15.3	664	4.00	8.1	0.7	5.4	3.2	19	0.1	0.5	0.1	60	0.62	0.077
1354791	Soil	0.7	37.8	9.0	62	0.1	19.8	14.0	571	3.38	7.7	0.6	3.9	3.0	20	0.1	0.7	0.1	55	0.34	0.050
1374049	Soil	0.4	40.9	11.4	62	0.3	16.7	15.2	650	3.36	6.9	1.1	9.5	3.7	18	0.2	0.4	0.1	51	0.47	0.047
1385246	Soil	2.2	48.3	17.2	113	0.5	40.8	17.0	651	3.99	58.6	1.4	7.5	5.4	33	0.3	0.2	0.1	53	0.44	0.100
1354796	Soil	0.4	27.7	5.3	76	0.1	9.1	17.5	1087	4.10	7.0	0.6	10.6	1.8	17	<0.1	0.8	<0.1	67	0.48	0.077
1354792	Soil	0.6	31.2	9.0	61	0.1	20.5	13.6	676	3.41	7.5	1.2	3.3	3.1	21	<0.1	0.5	0.1	57	0.52	0.051
1374045	Soil	0.5	39.7	20.8	86	0.3	17.6	15.8	446	3.24	7.7	0.8	23.3	3.2	23	0.4	0.5	0.1	51	0.48	0.048
1374047	Soil	0.4	31.3	8.6	68	<0.1	20.1	17.5	694	3.59	7.9	0.7	8.5	2.3	37	0.1	0.4	<0.1	62	0.68	0.058
1354797	Soil	0.6	24.0	6.2	67	0.1	14.6	12.5	604	3.11	9.4	0.7	3.2	2.3	19	<0.1	0.5	0.1	42	0.35	0.041
1354793	Soil	0.4	19.1	2.3	67	<0.1	10.7	20.7	1298	3.59	2.3	0.4	2.0	0.6	18	0.1	0.3	<0.1	71	0.54	0.069
1354790	Soil	0.3	70.8	2.9	84	<0.1	12.4	22.0	904	4.64	4.2	0.3	5.5	1.2	14	<0.1	0.6	<0.1	85	0.39	0.087
1374046	Soil	0.3	61.2	7.7	74	0.2	14.0	17.2	754	3.84	5.9	0.5	6.1	1.7	29	0.2	0.5	<0.1	77	0.59	0.075
1370402	Soil	0.9	62.2	75.4	152	0.4	11.8	13.2	325	3.10	11.1	1.1	8.9	3.4	13	0.4	0.4	0.2	51	0.18	0.065
1354786	Soil	0.7	27.9	11.2	86	0.3	4.7	23.1	923	5.07	12.0	0.6	9.4	2.4	11	0.2	0.6	0.1	55	0.26	0.060
1393098	Soil	0.3	27.0	3.6	80	0.2	7.1	15.7	831	3.67	9.5	0.3	6.5	1.6	15	<0.1	0.6	<0.1	43	0.63	0.083
1354798	Soil	0.3	24.1	4.4	81	<0.1	8.4	11.9	674	3.39	13.9	0.3	0.9	1.1	15	<0.1	0.3	<0.1	37	0.35	0.082
1370403	Soil	1.6	150.7	132.9	401	0.8	10.9	15.8	662	4.69	13.9	1.7	16.8	5.7	9	2.4	0.6	0.3	45	0.18	0.103
1354788	Soil	0.3	21.8	4.9	67	0.2	11.9	15.0	612	3.03	4.2	0.9	6.5	2.4	15	<0.1	0.6	<0.1	51	0.30	0.059
1393100	Soil	1.1	37.2	12.5	70	0.4	17.6	16.7	540	4.31	115.6	0.8	5.7	5.6	4	0.1	0.6	0.2	51	0.07	0.024
1354799	Soil	0.8	23.4	10.3	54	<0.1	16.2	9.8	350	2.79	8.8	0.6	7.4	3.2	19	<0.1	0.6	0.1	50	0.32	0.016

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1385242	Soil	6	16	1.58	125	0.011	2	2.29	0.003	0.04	<0.1	0.02	5.0	<0.1	<0.05	6	<0.5
1385250	Soil	11	25	1.71	187	0.014	<1	2.58	0.004	0.03	<0.1	0.02	8.7	<0.1	<0.05	7	<0.5
1385248	Soil	14	25	1.03	263	0.015	<1	1.88	0.005	0.04	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5
1385244	Soil	16	21	1.46	245	0.012	1	2.29	0.005	0.04	<0.1	0.04	6.9	<0.1	<0.05	7	<0.5
1385240	Soil	8	18	1.18	162	0.013	<1	1.74	0.004	0.03	<0.1	0.02	3.9	<0.1	<0.05	6	<0.5
1385204	Soil	15	29	0.85	282	0.034	2	1.87	0.006	0.04	0.1	0.04	5.7	<0.1	<0.05	5	<0.5
1354795	Soil	6	18	1.60	129	0.010	1	2.15	0.005	0.03	<0.1	<0.01	6.2	<0.1	<0.05	6	<0.5
1354789	Soil	14	15	1.70	444	0.014	1	2.37	0.005	0.03	<0.1	0.03	4.3	<0.1	<0.05	6	<0.5
1374048	Soil	15	30	1.47	257	0.028	1	2.09	0.006	0.04	0.2	0.02	6.7	<0.1	<0.05	6	1.1
1385247	Soil	17	34	1.73	189	0.011	<1	2.30	0.004	0.05	<0.1	0.03	4.4	<0.1	<0.05	7	0.7
1354794	Soil	16	30	1.63	176	0.018	<1	2.29	0.006	0.04	<0.1	0.04	7.3	<0.1	<0.05	6	<0.5
1354791	Soil	11	24	0.95	288	0.041	1	1.74	0.010	0.04	0.1	0.03	4.5	<0.1	<0.05	5	<0.5
1374049	Soil	16	20	1.62	392	0.018	1	2.57	0.005	0.03	<0.1	0.04	5.9	<0.1	<0.05	7	0.5
1385246	Soil	21	33	2.13	214	0.008	2	2.62	0.004	0.07	<0.1	0.02	3.4	<0.1	<0.05	7	1.1
1354796	Soil	8	10	1.62	151	0.011	2	2.11	0.004	0.05	<0.1	0.01	6.9	<0.1	<0.05	6	<0.5
1354792	Soil	13	28	1.06	271	0.030	2	1.93	0.008	0.04	<0.1	0.02	6.1	<0.1	0.05	5	1.2
1374045	Soil	11	20	1.18	296	0.026	<1	2.05	0.007	0.04	0.2	0.04	5.6	<0.1	<0.05	5	<0.5
1374047	Soil	9	25	1.46	210	0.021	2	2.09	0.007	0.04	0.2	0.03	5.4	<0.1	<0.05	6	<0.5
1354797	Soil	8	16	1.03	275	0.035	<1	1.72	0.006	0.04	0.1	0.02	4.1	<0.1	<0.05	6	<0.5
1354793	Soil	4	21	1.47	82	0.010	<1	1.76	0.005	0.02	<0.1	<0.01	7.2	<0.1	<0.05	5	<0.5
1354790	Soil	4	13	1.59	170	0.043	<1	2.28	0.005	0.07	<0.1	0.02	5.0	<0.1	<0.05	7	<0.5
1374046	Soil	10	17	1.55	151	0.017	<1	2.11	0.005	0.05	<0.1	0.03	7.7	<0.1	<0.05	7	<0.5
1370402	Soil	12	16	1.12	274	0.014	<1	1.67	0.004	0.03	<0.1	0.14	5.5	<0.1	<0.05	5	0.9
1354786	Soil	11	9	1.64	120	0.003	<1	2.41	0.002	0.02	<0.1	0.03	8.6	<0.1	<0.05	6	0.9
1393098	Soil	7	8	1.87	110	0.010	<1	2.21	0.003	0.03	<0.1	0.01	4.0	<0.1	<0.05	7	<0.5
1354798	Soil	3	12	1.30	172	0.029	<1	1.71	0.003	0.04	<0.1	0.01	3.9	<0.1	<0.05	6	<0.5
1370403	Soil	20	10	1.10	141	0.008	<1	1.35	0.003	0.02	<0.1	0.31	9.0	<0.1	<0.05	4	1.5
1354788	Soil	8	13	1.50	197	0.015	<1	1.88	0.004	0.03	<0.1	0.02	4.5	<0.1	<0.05	5	<0.5
1393100	Soil	34	17	1.31	138	0.011	<1	2.44	0.003	0.02	<0.1	0.04	5.9	<0.1	<0.05	6	0.6
1354799	Soil	12	22	0.88	352	0.042	<1	1.66	0.008	0.04	0.1	0.03	4.6	<0.1	<0.05	5	<0.5

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1370404	Soil	1.2	38.5	12.8	87	0.3	21.1	14.3	443	3.13	50.9	1.3	9.4	4.2	25	0.5	0.6	0.2	49	0.36	0.083
1354392	Soil	0.3	41.7	15.9	83	0.5	13.6	13.9	580	3.27	6.6	0.5	14.3	2.7	19	0.3	0.4	<0.1	58	0.46	0.058
1393099	Soil	0.9	24.0	6.4	58	0.2	9.1	14.4	431	3.40	10.8	0.3	3.3	1.7	4	<0.1	0.3	<0.1	44	0.07	0.017
1354800	Soil	0.5	29.2	6.7	64	<0.1	15.2	14.6	692	3.46	8.1	0.4	1.8	2.5	14	<0.1	0.6	<0.1	53	0.24	0.042
1370405	Soil	1.4	81.8	23.9	177	1.0	10.0	21.5	762	5.87	20.0	1.9	114.5	3.7	9	0.5	0.4	0.3	58	0.12	0.104
1354391	Soil	0.4	19.4	6.6	67	0.5	9.9	13.9	527	3.48	5.2	0.6	18.3	2.3	16	0.1	0.5	<0.1	62	0.34	0.049
1354787	Soil	1.2	40.7	38.9	81	1.5	25.7	10.7	399	2.87	222.4	1.8	59.7	8.1	15	0.2	1.3	0.3	29	0.25	0.084
1354781	Soil	0.5	40.6	4.5	68	<0.1	12.4	18.1	829	3.92	13.4	0.3	6.1	2.0	7	0.1	0.4	<0.1	43	0.26	0.077
1370409	Soil	1.1	47.5	12.4	115	0.2	30.6	10.3	548	3.43	37.9	1.9	53.6	5.1	17	0.4	0.4	0.2	30	0.25	0.111
1370408	Soil	0.8	25.2	13.6	84	0.2	19.0	9.0	289	2.57	16.1	0.9	10.4	5.7	17	0.2	0.2	0.1	39	0.27	0.081
1370407	Soil	0.8	30.0	11.1	87	0.3	21.3	10.8	312	3.07	47.2	1.3	11.3	3.4	25	0.3	0.3	0.1	44	0.38	0.085
1370406	Soil	0.9	28.9	25.2	80	0.3	19.3	8.4	260	1.53	36.3	1.4	6.3	13.3	25	0.4	0.2	0.2	16	0.38	0.161
1370415	Soil	0.4	36.5	6.7	60	0.1	12.7	15.6	867	3.61	8.0	0.4	2.1	2.3	6	<0.1	0.2	<0.1	53	0.17	0.066
1370416	Soil	0.5	21.7	13.1	58	0.1	17.6	10.5	395	2.76	12.2	0.6	6.8	3.1	11	<0.1	0.3	0.2	38	0.18	0.058
1370410	Soil	0.5	32.6	10.5	96	<0.1	21.5	12.3	575	3.50	19.1	1.1	23.2	4.7	20	0.3	0.2	<0.1	44	0.33	0.101
1370413	Soil	0.6	30.8	9.4	84	<0.1	18.0	11.4	522	3.03	14.6	0.7	5.0	4.2	21	0.2	0.3	0.1	42	0.29	0.068
1370420	Soil	1.1	25.5	10.4	96	0.2	16.2	11.3	536	3.46	7.9	1.0	10.0	4.1	23	0.3	0.2	0.2	30	0.35	0.101
1370417	Soil	0.4	35.8	12.2	79	0.1	17.4	12.6	549	3.30	36.5	0.6	7.7	3.0	14	0.1	0.2	0.2	44	0.26	0.085
1370414	Soil	0.5	22.7	11.0	58	0.1	17.6	10.2	422	2.94	13.9	1.0	4.8	4.0	15	<0.1	0.4	0.2	41	0.26	0.051
1370411	Soil	0.6	26.4	8.8	70	<0.1	17.2	11.0	360	3.12	11.0	0.8	5.4	3.7	14	<0.1	0.4	<0.1	47	0.18	0.038
1370421	Soil	1.0	25.2	9.1	70	0.1	18.5	11.5	395	2.89	5.2	0.9	2.1	3.3	22	0.1	0.2	0.1	52	0.41	0.058
1370419	Soil	0.7	23.0	5.6	74	0.2	6.9	8.6	428	3.36	4.6	0.8	4.5	2.8	13	0.1	0.2	0.1	48	0.26	0.069
1370418	Soil	0.7	36.0	8.6	93	0.1	23.7	14.7	682	3.49	17.0	0.9	4.5	4.2	18	0.3	0.2	0.2	56	0.35	0.118
1370412	Soil	0.9	32.1	9.9	94	0.1	21.4	13.1	600	3.37	23.1	0.7	11.6	5.4	24	0.2	0.2	0.2	32	0.38	0.132
1370424	Soil	0.9	34.0	12.3	81	0.3	29.0	10.7	450	3.12	46.6	1.7	10.3	3.8	20	0.1	0.6	0.2	51	0.26	0.035
1370422	Soil	0.8	31.8	10.7	71	0.2	12.8	15.5	841	3.97	17.0	0.6	5.3	3.3	7	<0.1	0.4	0.1	50	0.10	0.029
1345822	Soil	1.0	32.4	15.0	74	0.4	12.1	12.3	523	3.87	19.8	1.2	11.1	2.3	15	0.6	0.4	0.3	39	0.29	0.074
1345820	Soil	1.5	27.5	6.6	39	0.5	5.4	10.3	512	3.53	25.3	1.3	10.1	6.5	13	0.1	0.5	0.7	17	0.35	0.116
1370423	Soil	0.4	21.7	9.9	68	<0.1	6.8	14.5	810	3.83	11.4	0.4	4.5	2.5	7	<0.1	0.2	<0.1	47	0.17	0.024
1370425	Soil	1.6	36.0	15.0	79	0.1	27.7	11.8	520	3.35	57.2	1.2	12.2	4.2	15	0.1	0.6	0.3	49	0.19	0.047

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1370404	Soil	14	24	1.02	328	0.029	<1	1.77	0.007	0.04	0.1	0.03	5.3	<0.1	<0.05	5	0.8
1354392	Soil	12	16	1.51	248	0.017	<1	2.33	0.004	0.03	<0.1	0.04	6.9	<0.1	<0.05	7	<0.5
1393099	Soil	3	11	1.56	170	0.010	<1	2.13	0.002	0.03	<0.1	0.01	4.3	<0.1	<0.05	6	<0.5
1354800	Soil	9	18	1.45	233	0.030	<1	1.96	0.005	0.03	<0.1	0.02	5.5	<0.1	<0.05	6	<0.5
1370405	Soil	8	10	2.10	216	0.002	<1	2.49	0.003	0.04	<0.1	0.06	7.9	<0.1	<0.05	6	1.6
1354391	Soil	10	14	1.57	248	0.015	<1	2.38	0.004	0.03	<0.1	0.03	5.8	<0.1	<0.05	7	<0.5
1354787	Soil	33	15	0.69	236	0.019	<1	1.52	0.002	0.03	<0.1	0.03	3.9	<0.1	<0.05	4	0.5
1354781	Soil	11	12	2.05	104	0.029	<1	2.15	0.002	0.02	<0.1	0.02	5.7	<0.1	<0.05	6	<0.5
1370409	Soil	16	17	0.55	276	0.003	<1	1.25	0.004	0.07	<0.1	0.02	5.4	<0.1	<0.05	4	<0.5
1370408	Soil	20	21	0.96	401	0.021	<1	1.52	0.005	0.09	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5
1370407	Soil	17	22	1.20	246	0.017	<1	1.85	0.005	0.06	0.1	0.02	4.5	<0.1	<0.05	6	0.5
1370406	Soil	28	11	0.78	178	0.007	<1	0.93	0.002	0.07	<0.1	0.01	2.2	<0.1	<0.05	3	<0.5
1370415	Soil	7	15	1.37	148	0.013	<1	2.09	0.003	0.03	<0.1	0.01	6.6	<0.1	<0.05	6	<0.5
1370416	Soil	10	17	0.95	177	0.017	<1	1.53	0.003	0.04	<0.1	0.02	3.7	<0.1	<0.05	5	<0.5
1370410	Soil	13	19	1.55	179	0.008	<1	1.92	0.003	0.04	<0.1	0.01	4.8	<0.1	<0.05	7	<0.5
1370413	Soil	17	17	1.16	216	0.018	<1	1.81	0.004	0.05	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5
1370420	Soil	15	12	0.67	227	0.009	<1	1.04	0.003	0.06	<0.1	<0.01	4.3	<0.1	<0.05	4	<0.5
1370417	Soil	12	16	1.37	151	0.012	<1	1.89	0.003	0.04	<0.1	0.02	4.7	<0.1	<0.05	6	<0.5
1370414	Soil	12	17	0.85	254	0.021	<1	1.54	0.004	0.04	<0.1	0.03	5.0	<0.1	<0.05	5	<0.5
1370411	Soil	13	20	1.24	265	0.023	<1	1.89	0.004	0.03	<0.1	0.02	4.6	<0.1	<0.05	6	<0.5
1370421	Soil	14	18	1.00	335	0.043	<1	1.59	0.004	0.06	<0.1	0.02	5.1	<0.1	<0.05	6	0.5
1370419	Soil	11	9	0.96	276	0.018	<1	1.61	0.004	0.05	<0.1	0.02	5.9	<0.1	<0.05	6	<0.5
1370418	Soil	11	25	1.34	145	0.015	<1	1.52	0.003	0.05	<0.1	<0.01	5.8	<0.1	<0.05	6	<0.5
1370412	Soil	14	15	1.45	135	0.010	<1	1.76	0.003	0.04	<0.1	0.01	3.7	<0.1	<0.05	6	<0.5
1370424	Soil	21	30	0.79	555	0.033	<1	1.80	0.007	0.06	0.1	0.04	6.3	<0.1	<0.05	5	0.8
1370422	Soil	13	17	1.59	180	0.010	<1	2.29	0.003	0.03	<0.1	0.03	6.7	<0.1	<0.05	7	<0.5
1345822	Soil	17	14	0.82	347	0.010	<1	1.53	0.006	0.03	<0.1	0.06	4.7	<0.1	<0.05	4	<0.5
1345820	Soil	18	6	0.70	75	0.005	2	1.00	0.003	0.03	<0.1	0.03	3.0	<0.1	<0.05	4	1.2
1370423	Soil	9	7	1.45	150	0.005	<1	2.20	0.003	0.02	<0.1	0.03	6.2	<0.1	<0.05	6	<0.5
1370425	Soil	21	29	0.72	497	0.020	1	1.59	0.005	0.06	0.1	0.04	7.1	<0.1	<0.05	5	0.8

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1345824	Soil	0.8	41.2	12.9	70	0.3	12.0	13.3	471	3.21	11.9	0.9	15.5	3.3	12	0.3	0.3	0.3	44	0.24	0.052
1345821	Soil	0.9	33.8	6.2	48	0.4	10.7	15.8	553	3.45	13.6	1.5	13.4	3.9	18	0.2	0.3	0.7	32	0.39	0.092
1392951	Rock Pulp	2.6	23.0	2.5	45	0.3	23.0	9.4	398	2.26	4.8	0.2	4.1	0.8	41	0.2	0.3	<0.1	58	0.75	0.058
1370401	Rock Pulp	1.5	494.6	22.3	57	0.2	248.5	81.2	920	15.97	4.1	1.3	44.4	7.2	16	0.1	0.4	0.2	211	0.38	0.036
1345825	Soil	0.8	44.8	14.5	75	0.3	13.4	18.7	689	3.28	11.2	0.9	16.6	3.2	14	0.3	0.3	0.3	45	0.31	0.055
1345818	Soil	1.0	49.5	8.9	52	0.7	19.3	13.4	527	2.82	132.2	1.4	372.7	3.7	19	0.1	0.3	0.5	34	0.45	0.060
1392966	Soil	0.7	10.8	8.3	64	0.2	12.1	4.1	197	2.05	24.1	0.6	6.7	1.2	22	0.2	0.1	0.1	29	0.35	0.069
1392952	Soil	0.2	114.7	6.5	54	0.3	23.6	33.5	1578	4.68	4.5	0.2	3.0	1.4	9	0.1	0.2	<0.1	94	0.21	0.043
1345823	Soil	1.4	24.4	6.2	47	0.3	7.8	12.0	529	3.34	16.0	1.2	11.3	7.8	11	0.2	0.4	0.4	20	0.32	0.108
1345819	Soil	1.2	45.3	8.8	44	0.8	14.5	11.5	525	2.93	33.4	1.8	26.2	4.0	22	0.2	0.4	0.6	32	0.60	0.057
1354999	Soil	0.3	38.6	7.1	64	<0.1	12.0	16.8	902	3.99	44.2	0.6	7.3	2.2	10	<0.1	0.5	0.1	72	0.11	0.022
1354994	Soil	1.4	34.8	16.9	84	0.4	17.6	12.3	668	3.99	10.8	0.9	4.8	5.2	7	0.1	0.6	0.2	43	0.08	0.032
1392965	Soil	2.0	30.0	22.8	98	0.4	23.7	11.7	321	3.34	66.1	1.1	5.3	3.8	22	0.3	0.3	0.2	47	0.33	0.074
1392963	Soil	1.1	43.0	27.8	98	0.5	25.6	18.2	1138	3.39	50.0	0.8	15.3	4.3	26	0.6	0.5	0.2	47	0.50	0.078
1392954	Soil	0.4	60.3	12.4	78	0.2	29.5	16.9	929	3.72	10.0	0.5	13.1	5.9	11	0.3	0.4	0.3	40	0.28	0.092
1354998	Soil	0.8	30.4	14.8	82	<0.1	18.9	14.6	820	4.29	33.8	0.8	4.7	3.4	17	0.1	0.4	0.2	85	0.24	0.043
1354997	Soil	0.2	21.6	6.0	79	<0.1	6.2	19.9	1083	4.97	18.1	0.6	4.9	2.3	16	<0.1	0.4	<0.1	83	0.28	0.063
1392964	Soil	1.0	31.7	35.8	101	0.3	19.3	16.9	953	3.46	64.7	0.9	21.7	3.6	26	0.4	0.5	0.2	49	0.54	0.066
1392953	Soil	0.4	81.2	8.3	58	<0.1	18.8	26.9	937	4.49	7.8	0.3	2.8	2.3	9	<0.1	0.4	0.2	87	0.27	0.056
1354996	Soil	0.7	15.4	8.1	58	<0.1	8.5	10.2	606	3.19	7.1	0.5	11.1	2.8	8	<0.1	0.4	0.1	48	0.11	0.039
1354995	Soil	0.5	42.6	9.9	67	0.2	13.9	16.3	765	3.84	10.9	0.6	5.6	3.1	10	0.2	0.5	<0.1	57	0.18	0.040
1392961	Soil	0.8	38.6	40.4	188	0.4	14.7	19.0	786	3.98	50.4	0.5	7.1	5.1	12	1.5	0.4	<0.1	38	0.28	0.082
1392957	Soil	0.4	43.1	13.6	68	<0.1	14.3	16.5	932	4.04	6.3	0.8	2.8	3.3	9	<0.1	0.2	<0.1	54	0.13	0.023
1355000	Soil	0.1	35.4	3.9	56	<0.1	11.9	19.3	980	3.77	1.7	0.3	6.8	0.9	13	<0.1	0.3	<0.1	71	0.27	0.063
1354993	Soil	1.1	31.8	9.3	79	0.5	18.6	15.2	2914	3.67	14.8	1.2	4.7	3.0	20	0.5	0.5	0.2	58	0.46	0.066
1392960	Soil	0.5	25.5	13.1	66	<0.1	9.5	21.1	856	4.40	11.2	1.0	7.6	3.0	8	<0.1	0.4	0.1	70	0.15	0.038
1354892	Soil	0.5	14.9	6.1	44	<0.1	13.8	9.2	366	2.55	7.8	0.7	3.7	3.8	9	<0.1	0.4	0.2	46	0.10	0.021
1354886	Soil	0.9	16.6	6.7	44	0.1	11.1	9.6	383	3.12	8.8	0.5	12.8	3.5	8	<0.1	0.4	0.2	53	0.10	0.027
1392962	Soil	2.2	48.9	25.7	98	0.5	23.1	18.0	953	4.18	27.2	0.7	14.5	4.2	18	0.4	0.3	0.2	45	0.39	0.088
1392955	Soil	0.4	102.7	7.2	66	0.2	22.6	22.5	986	4.88	18.9	0.7	16.1	3.4	9	<0.1	0.5	0.2	86	0.21	0.039

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1345824	Soil	13	14	0.97	277	0.012	1	1.62	0.004	0.02	<0.1	0.04	5.8	<0.1	<0.05	5	<0.5
1345821	Soil	22	11	1.15	212	0.011	<1	1.67	0.005	0.02	<0.1	0.03	3.9	<0.1	<0.05	4	1.5
1392951	Rock Pulp	4	27	0.76	95	0.098	2	1.53	0.068	0.13	14.7	0.02	4.7	<0.1	<0.05	5	0.6
1370401	Rock Pulp	18	677	0.15	165	0.145	6	3.80	0.012	0.08	<0.1	0.05	43.4	<0.1	<0.05	18	0.8
1345825	Soil	13	14	0.96	286	0.013	<1	1.57	0.004	0.02	0.1	0.05	7.0	<0.1	<0.05	5	0.8
1345818	Soil	15	30	0.91	256	0.013	<1	1.47	0.005	0.04	<0.1	0.06	4.3	<0.1	<0.05	4	<0.5
1392966	Soil	8	21	1.14	201	0.009	<1	1.38	0.003	0.04	<0.1	0.05	2.4	<0.1	0.08	5	1.0
1392952	Soil	4	17	2.63	202	0.013	1	2.64	0.003	0.04	<0.1	0.03	17.7	<0.1	<0.05	8	<0.5
1345823	Soil	30	6	0.73	181	0.011	<1	1.18	0.003	0.03	<0.1	0.04	3.6	<0.1	<0.05	4	1.1
1345819	Soil	19	20	0.67	298	0.011	<1	1.46	0.006	0.03	0.1	0.07	4.2	<0.1	<0.05	4	1.0
1354999	Soil	10	16	1.55	166	0.044	<1	2.37	0.003	0.03	<0.1	0.05	6.8	<0.1	<0.05	7	0.7
1354994	Soil	29	17	1.20	129	0.019	<1	1.91	0.003	0.03	<0.1	0.03	5.4	<0.1	<0.05	5	0.6
1392965	Soil	15	26	1.95	319	0.006	<1	2.37	0.003	0.06	<0.1	0.04	3.5	<0.1	<0.05	7	1.0
1392963	Soil	15	21	1.42	351	0.011	<1	2.14	0.005	0.05	<0.1	0.06	4.9	<0.1	<0.05	6	0.8
1392954	Soil	19	19	1.23	161	0.011	<1	1.89	0.003	0.04	<0.1	0.03	4.2	<0.1	<0.05	5	0.5
1354998	Soil	11	20	1.56	281	0.025	<1	2.37	0.005	0.04	<0.1	0.03	9.0	<0.1	<0.05	8	<0.5
1354997	Soil	7	7	2.35	186	0.011	<1	2.84	0.004	0.06	<0.1	0.02	9.8	<0.1	<0.05	8	<0.5
1392964	Soil	13	19	1.18	301	0.011	<1	2.12	0.005	0.04	0.1	0.04	4.8	<0.1	<0.05	6	0.7
1392953	Soil	4	18	2.45	133	0.046	<1	2.74	0.002	0.04	<0.1	0.02	10.3	<0.1	<0.05	8	<0.5
1354996	Soil	10	12	1.06	199	0.023	<1	1.85	0.004	0.05	<0.1	0.01	3.7	<0.1	<0.05	6	<0.5
1354995	Soil	12	14	1.31	231	0.015	<1	1.93	0.003	0.03	<0.1	0.04	7.5	<0.1	<0.05	6	0.7
1392961	Soil	12	13	1.64	102	0.005	<1	2.21	0.002	0.04	<0.1	0.02	5.0	<0.1	<0.05	6	0.6
1392957	Soil	14	22	1.93	160	0.012	<1	2.54	0.003	0.03	<0.1	0.04	7.0	<0.1	<0.05	7	<0.5
1355000	Soil	6	25	2.40	115	0.038	<1	2.37	0.002	0.02	<0.1	0.02	5.9	<0.1	<0.05	7	<0.5
1354993	Soil	17	20	1.32	488	0.016	<1	2.43	0.007	0.04	<0.1	0.04	7.9	<0.1	<0.05	7	0.5
1392960	Soil	16	11	1.62	159	0.013	<1	2.52	0.003	0.03	<0.1	0.04	10.2	<0.1	<0.05	7	0.5
1354892	Soil	13	23	0.94	138	0.045	<1	1.74	0.004	0.02	0.1	0.02	4.0	<0.1	<0.05	4	0.6
1354886	Soil	12	17	0.80	151	0.031	<1	1.83	0.004	0.03	0.1	0.02	4.7	<0.1	<0.05	6	<0.5
1392962	Soil	16	15	1.81	203	0.004	<1	2.50	0.003	0.06	<0.1	0.04	5.2	<0.1	<0.05	7	<0.5
1392955	Soil	14	23	1.84	148	0.014	<1	2.64	0.003	0.03	<0.1	0.04	11.6	<0.1	<0.05	7	0.5

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1354893	Soil	0.3	9.3	4.0	31	<0.1	8.9	6.3	387	2.07	5.8	0.7	19.2	7.6	8	<0.1	0.2	0.2	19	0.20	0.064
1354888	Soil	0.7	15.8	6.8	46	<0.1	14.7	9.0	422	2.73	9.2	0.8	33.3	4.3	9	<0.1	0.4	0.1	49	0.12	0.050
1354885	Soil	0.8	19.3	6.5	48	<0.1	13.2	8.8	352	2.83	7.4	0.6	7.4	3.3	8	<0.1	0.4	0.1	49	0.10	0.027
1392956	Soil	0.3	42.5	11.5	65	<0.1	12.2	13.7	711	3.58	4.7	0.4	1.1	3.0	4	0.1	0.2	0.1	39	0.09	0.037
1354884	Soil	0.9	35.9	8.0	62	<0.1	16.6	10.5	589	2.95	8.8	0.9	8.4	5.0	14	<0.1	0.5	0.2	49	0.18	0.039
1354890	Soil	0.6	11.2	5.6	40	<0.1	14.4	11.6	398	2.87	11.9	0.7	10.7	5.0	7	<0.1	0.3	0.2	39	0.12	0.058
1354887	Soil	0.3	32.2	4.3	44	<0.1	7.3	11.5	634	3.77	5.9	1.0	39.0	4.3	5	<0.1	0.3	0.2	47	0.10	0.043
1392958	Soil	0.7	50.3	10.9	64	0.1	23.1	16.8	749	3.76	8.8	0.8	<0.5	3.4	13	<0.1	0.6	0.1	65	0.16	0.024
1354894	Soil	0.6	26.6	6.6	58	<0.1	19.3	16.5	497	2.75	9.3	0.5	0.9	2.6	15	<0.1	0.5	<0.1	49	0.22	0.026
1354891	Soil	0.5	10.7	5.8	41	0.1	13.2	9.0	415	2.34	7.7	0.6	22.4	4.0	11	0.1	0.3	0.2	39	0.18	0.059
1354889	Soil	0.8	10.7	7.3	46	0.1	13.5	10.0	461	2.65	8.5	0.6	18.8	3.7	9	<0.1	0.4	0.2	46	0.15	0.067
1392959	Soil	<0.1	44.5	8.6	60	0.2	11.2	18.6	1305	4.23	3.0	0.2	2.8	2.7	10	0.2	0.1	<0.1	103	0.26	0.062
1338311	Soil	1.0	33.6	11.8	71	0.3	16.4	13.9	658	3.34	12.0	1.6	13.4	3.1	24	0.5	0.3	0.2	45	0.49	0.083
1338304	Soil	0.6	11.1	5.8	35	<0.1	9.3	5.6	251	2.02	8.4	0.7	89.5	4.3	13	<0.1	0.3	0.1	29	0.19	0.046
1354899	Soil	0.6	17.1	6.5	45	<0.1	13.1	9.8	301	2.53	7.3	0.6	4.7	4.4	11	<0.1	0.4	0.1	43	0.13	0.020
1354895	Soil	0.6	25.5	5.6	56	<0.1	16.4	11.4	388	2.61	7.0	0.6	<0.5	2.8	14	<0.1	0.5	0.1	49	0.20	0.024
1338308	Soil	1.0	29.0	6.5	43	0.3	11.6	11.4	532	3.41	11.2	1.7	9.3	8.4	15	<0.1	0.3	0.4	29	0.38	0.079
1338310	Soil	1.2	30.7	12.5	71	0.3	15.8	14.5	728	3.17	12.8	1.6	5.9	2.7	21	0.3	0.3	0.3	45	0.34	0.074
1354900	Soil	0.6	17.5	7.1	50	0.1	14.0	8.1	343	2.25	7.2	0.9	14.4	5.1	15	0.1	0.4	0.1	37	0.20	0.036
1354896	Soil	0.6	30.6	6.2	50	0.1	17.5	13.1	463	2.63	8.9	0.8	12.7	4.6	17	<0.1	0.5	0.1	40	0.23	0.031
1338307	Soil	0.8	20.8	7.9	50	0.4	7.1	12.6	623	3.87	68.1	1.6	22.5	7.7	18	0.2	0.6	0.6	24	0.43	0.118
1338301	Rock Pulp	1.4	542.7	22.1	59	0.3	248.7	90.6	918	16.18	3.3	1.3	39.9	7.8	16	0.1	0.3	0.2	216	0.39	0.036
1338302	Soil	0.6	13.1	5.7	40	<0.1	11.2	6.6	290	1.97	7.0	0.7	4.2	4.4	11	<0.1	0.4	0.1	29	0.16	0.044
1354897	Soil	0.8	26.3	9.4	34	0.2	18.4	11.1	1598	2.56	12.6	0.6	5.6	3.7	11	<0.1	0.5	0.1	29	0.27	0.059
1338306	Soil	0.9	35.1	7.4	47	0.4	14.1	10.8	541	2.78	43.0	3.0	19.9	3.5	31	0.2	0.3	0.5	30	0.78	0.080
1338309	Soil	1.0	26.6	10.5	65	0.3	14.7	13.9	599	3.34	13.8	1.5	7.0	4.4	20	0.3	0.3	0.3	40	0.39	0.079
1338303	Soil	0.7	11.7	7.1	41	<0.1	12.5	6.1	260	2.10	7.9	0.6	8.1	2.9	11	<0.1	0.3	0.1	37	0.15	0.047
1354898	Soil	0.7	24.7	5.7	44	<0.1	16.5	13.1	507	2.64	11.7	0.7	1.7	3.7	15	<0.1	0.6	0.1	43	0.30	0.026
1385223	Soil	0.7	17.8	11.3	75	0.2	16.3	9.4	401	2.52	9.8	0.9	6.8	5.4	19	0.1	0.2	0.1	34	0.25	0.103
1385225	Soil	0.8	21.4	7.9	74	<0.1	16.0	7.6	319	2.72	16.5	0.8	9.0	3.4	12	<0.1	0.2	0.1	42	0.19	0.061

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1354893	Soil	28	13	0.88	96	0.010	<1	1.19	0.002	0.02	<0.1	<0.01	3.7	<0.1	<0.05	4	<0.5
1354888	Soil	13	20	0.83	152	0.037	2	1.84	0.004	0.03	0.1	0.03	4.3	<0.1	<0.05	5	<0.5
1354885	Soil	11	18	0.75	123	0.040	<1	1.82	0.004	0.03	0.1	0.02	3.9	<0.1	<0.05	5	0.5
1392956	Soil	13	16	1.65	91	0.009	<1	2.41	0.002	0.03	<0.1	0.02	4.5	<0.1	<0.05	6	<0.5
1354884	Soil	18	22	0.86	223	0.044	<1	1.75	0.007	0.03	0.2	0.05	6.4	<0.1	<0.05	5	<0.5
1354890	Soil	10	14	0.77	91	0.034	1	1.94	0.003	0.03	<0.1	0.03	3.4	<0.1	<0.05	5	<0.5
1354887	Soil	26	7	1.15	89	0.025	<1	2.07	0.002	0.02	<0.1	0.02	7.8	<0.1	<0.05	6	0.5
1392958	Soil	15	35	1.40	213	0.035	<1	2.40	0.005	0.04	<0.1	0.05	9.3	<0.1	<0.05	6	0.6
1354894	Soil	9	20	1.09	179	0.050	<1	1.77	0.005	0.03	<0.1	0.03	3.4	<0.1	<0.05	4	<0.5
1354891	Soil	13	20	0.81	126	0.036	<1	1.48	0.003	0.03	0.2	0.03	3.7	<0.1	<0.05	4	<0.5
1354889	Soil	12	20	0.71	127	0.037	<1	1.68	0.004	0.03	0.2	0.02	4.1	<0.1	<0.05	5	<0.5
1392959	Soil	13	15	2.09	68	0.004	<1	2.61	0.002	0.02	<0.1	0.02	13.3	<0.1	<0.05	9	0.7
1338311	Soil	16	17	0.80	406	0.017	1	1.61	0.006	0.03	0.1	0.04	5.2	<0.1	<0.05	5	0.9
1338304	Soil	15	16	0.54	182	0.026	<1	1.26	0.004	0.04	0.1	0.02	2.9	<0.1	<0.05	4	<0.5
1354899	Soil	14	19	0.84	175	0.039	<1	1.66	0.004	0.03	<0.1	0.02	2.6	<0.1	<0.05	4	<0.5
1354895	Soil	11	22	1.02	205	0.045	<1	1.75	0.007	0.03	<0.1	0.02	3.2	<0.1	<0.05	4	<0.5
1338308	Soil	36	15	1.27	180	0.013	<1	1.91	0.004	0.03	<0.1	0.04	3.4	<0.1	<0.05	5	0.8
1338310	Soil	18	18	0.79	404	0.016	<1	1.76	0.005	0.04	0.1	0.04	5.7	<0.1	<0.05	6	0.9
1354900	Soil	16	17	0.70	221	0.039	<1	1.36	0.005	0.04	<0.1	0.02	3.1	<0.1	<0.05	4	<0.5
1354896	Soil	14	17	0.95	227	0.046	<1	1.79	0.009	0.04	<0.1	0.02	3.3	<0.1	<0.05	4	<0.5
1338307	Soil	25	7	0.74	129	0.008	<1	1.41	0.003	0.03	<0.1	0.03	3.6	<0.1	<0.05	4	0.8
1338301	Rock Pulp	18	722	0.15	156	0.166	4	3.90	0.012	0.07	<0.1	0.04	47.3	<0.1	<0.05	18	<0.5
1338302	Soil	22	16	0.49	178	0.030	<1	1.17	0.004	0.03	0.1	0.02	2.8	<0.1	<0.05	3	<0.5
1354897	Soil	21	13	0.65	301	0.030	<1	1.12	0.004	0.03	<0.1	0.05	4.4	<0.1	<0.05	3	<0.5
1338306	Soil	17	17	0.56	310	0.013	<1	1.27	0.006	0.04	0.1	0.06	3.4	<0.1	0.06	4	2.2
1338309	Soil	20	17	0.79	343	0.018	<1	1.70	0.006	0.04	<0.1	0.05	4.6	<0.1	<0.05	5	0.8
1338303	Soil	12	19	0.53	185	0.029	<1	1.36	0.004	0.03	0.1	0.05	2.5	<0.1	<0.05	4	<0.5
1354898	Soil	13	19	1.00	211	0.042	<1	1.75	0.005	0.03	0.1	0.02	3.4	<0.1	<0.05	4	<0.5
1385223	Soil	20	17	1.09	252	0.013	<1	1.55	0.003	0.05	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5
1385225	Soil	17	19	0.97	257	0.019	<1	1.62	0.004	0.05	<0.1	0.03	4.6	<0.1	<0.05	5	<0.5

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1345811	Soil	0.6	25.6	7.9	77	0.1	18.5	9.7	493	3.24	10.3	1.1	8.6	4.2	19	<0.1	0.3	0.1	48	0.29
1385219	Soil	1.3	39.8	30.9	99	0.4	28.1	14.6	939	2.99	38.2	3.3	9.8	3.9	25	0.9	0.3	0.2	48	0.26
1385221	Soil	1.5	28.9	12.0	73	0.2	8.3	12.9	891	3.79	9.9	1.7	50.5	5.8	8	0.5	0.4	0.4	18	0.19
1385224	Soil	0.8	21.1	7.6	71	<0.1	16.4	7.6	308	2.75	16.3	0.8	7.7	3.2	12	<0.1	0.3	<0.1	41	0.17
1345810	Soil	0.9	23.0	9.0	77	0.2	19.5	7.7	326	2.74	15.8	1.4	23.7	4.2	22	0.1	0.3	0.1	41	0.30
1385220	Soil	0.6	23.1	34.6	108	0.3	15.9	9.3	336	2.55	14.8	1.1	36.5	4.0	16	0.4	0.3	0.1	41	0.24
1345812	Soil	1.3	24.8	11.3	83	0.3	23.6	9.3	302	2.85	60.1	1.5	13.3	3.5	20	0.2	0.3	0.1	37	0.32
1385222	Soil	1.0	23.5	11.2	81	0.3	18.6	9.5	386	2.90	14.0	1.1	40.4	4.1	17	0.2	0.2	0.1	40	0.39
1385209	Soil	0.7	19.4	5.8	41	0.3	11.3	9.0	422	2.28	12.2	1.9	7.9	2.3	28	0.2	0.2	0.3	26	0.87
1338305	Soil	0.9	25.0	6.7	41	0.4	11.8	8.7	459	2.62	72.1	2.7	23.9	4.2	19	0.2	0.3	0.4	21	0.60
1385207	Soil	0.8	22.9	6.9	52	0.4	20.8	14.3	998	2.70	8.9	1.0	11.0	1.5	31	<0.1	0.3	0.2	50	0.62
1385212	Soil	1.3	24.1	8.4	62	0.4	10.4	12.6	590	3.43	14.4	1.2	12.3	4.1	20	0.3	0.3	0.3	26	0.54
1385210	Soil	1.0	16.4	7.9	49	0.3	12.1	10.1	489	2.79	16.7	1.0	7.6	4.0	21	0.2	0.3	0.3	30	0.54
1385208	Soil	0.8	32.4	10.8	66	0.5	19.4	13.1	672	2.91	16.8	1.2	17.3	2.5	26	0.3	0.3	0.6	49	0.42
1385214	Soil	1.0	31.2	15.6	91	0.3	15.3	10.3	392	2.84	13.9	1.1	15.8	2.8	15	0.4	0.3	0.2	48	0.29
1385211	Soil	1.1	17.8	9.3	54	0.6	10.9	14.2	1048	3.49	14.5	1.4	11.4	3.9	25	0.2	0.3	0.3	30	0.67
1345817	Soil	1.1	41.1	24.5	114	0.3	16.5	15.2	551	3.49	17.8	1.0	8.6	2.8	14	0.4	0.3	0.2	55	0.28
1385213	Soil	0.9	23.0	9.4	68	0.3	13.1	13.4	578	3.33	8.8	0.9	6.9	2.5	23	0.4	0.2	0.2	38	0.62
1354968	Soil	1.2	52.7	14.9	79	0.5	11.0	15.5	624	4.14	19.2	1.1	53.2	3.6	10	0.3	0.4	0.4	31	0.23
1385215	Soil	1.1	31.7	20.3	97	0.4	15.1	13.5	610	3.23	17.0	1.6	14.0	2.1	22	0.6	0.3	0.2	51	0.63
1385218	Soil	1.3	24.9	16.8	86	0.3	20.6	10.6	509	2.92	43.4	1.9	9.8	3.6	26	0.4	0.3	0.2	39	0.44
1385216	Soil	1.2	24.5	9.7	69	0.3	12.4	9.1	450	3.05	23.0	1.2	152.1	2.8	15	0.3	0.2	0.2	31	0.31
1354978	Soil	0.6	30.1	12.7	84	0.1	14.3	18.0	1069	4.47	22.8	0.5	6.0	2.8	9	0.2	0.2	<0.1	57	0.30
1354973	Soil	0.6	32.1	6.5	68	<0.1	29.9	16.3	488	3.04	31.1	0.4	3.0	2.4	16	0.1	0.2	<0.1	50	0.27
1345816	Soil	1.1	33.0	23.4	103	0.3	19.8	14.7	438	2.98	26.6	1.3	5.4	3.3	20	0.6	0.3	0.2	53	0.36
1385217	Soil	1.1	25.4	15.1	84	0.3	15.7	8.7	366	3.09	31.6	1.3	25.4	3.3	15	0.3	0.3	0.2	38	0.28
1354966	Soil	1.1	26.6	10.6	71	0.1	19.9	13.6	603	4.07	17.0	0.7	3.9	3.7	12	0.1	0.4	0.1	57	0.22
1345815	Soil	1.2	23.6	11.5	68	0.3	19.1	12.9	603	2.98	47.4	1.2	6.8	2.8	19	0.3	0.3	0.2	49	0.39
1345814	Soil	1.3	29.8	12.4	83	0.3	19.7	12.3	483	3.20	53.1	1.4	6.5	2.4	19	0.3	0.3	0.1	47	0.38
1345813	Soil	1.2	28.3	14.6	73	0.3	23.9	13.1	497	2.82	59.2	3.6	7.2	3.3	27	0.2	0.3	0.1	50	0.43

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1345811	Soil	16	22	1.25	246	0.018	<1	1.98	0.004	0.04	<0.1	0.03	5.7	<0.1	<0.05	6	<0.5
1385219	Soil	27	22	0.92	685	0.011	<1	2.09	0.005	0.05	0.1	0.06	5.3	<0.1	<0.05	6	1.3
1385221	Soil	21	7	0.45	149	0.009	<1	0.91	0.003	0.02	<0.1	0.06	4.4	<0.1	0.06	3	1.0
1385224	Soil	15	18	0.89	240	0.018	<1	1.63	0.004	0.05	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
1345810	Soil	21	20	1.01	384	0.020	<1	1.70	0.005	0.06	0.1	0.02	4.2	<0.1	<0.05	5	<0.5
1385220	Soil	20	19	0.86	326	0.017	<1	1.58	0.004	0.05	0.1	0.07	4.3	<0.1	<0.05	4	<0.5
1345812	Soil	16	22	1.14	303	0.012	<1	1.85	0.005	0.06	<0.1	0.03	3.8	<0.1	<0.05	6	0.5
1385222	Soil	17	21	1.07	402	0.015	<1	1.59	0.004	0.06	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5
1385209	Soil	15	13	0.59	234	0.011	<1	1.21	0.007	0.03	0.1	0.05	3.0	<0.1	0.08	4	0.9
1338305	Soil	17	12	0.50	273	0.013	<1	1.07	0.005	0.04	0.1	0.04	2.8	<0.1	0.05	3	1.0
1385207	Soil	20	22	0.79	590	0.018	<1	1.86	0.008	0.04	0.1	0.05	4.0	<0.1	<0.05	5	<0.5
1385212	Soil	18	11	0.89	229	0.012	<1	1.55	0.006	0.03	<0.1	0.04	4.1	<0.1	<0.05	5	0.8
1385210	Soil	16	16	0.62	191	0.020	<1	1.37	0.008	0.05	0.2	0.03	2.9	<0.1	<0.05	4	<0.5
1385208	Soil	14	25	0.96	345	0.018	<1	1.67	0.007	0.03	0.2	0.04	4.9	<0.1	0.05	5	1.3
1385214	Soil	17	21	0.81	375	0.018	<1	1.77	0.005	0.04	0.1	0.06	4.9	<0.1	<0.05	5	0.6
1385211	Soil	22	12	0.70	256	0.007	<1	1.42	0.005	0.03	<0.1	0.06	3.9	<0.1	0.05	5	1.0
1345817	Soil	14	20	1.20	317	0.015	<1	1.90	0.005	0.03	<0.1	0.08	5.6	<0.1	<0.05	6	0.8
1385213	Soil	14	14	0.85	277	0.017	<1	1.68	0.006	0.03	<0.1	0.03	5.3	<0.1	<0.05	6	0.5
1354968	Soil	14	11	1.14	180	0.007	<1	1.54	0.005	0.03	<0.1	0.05	4.8	<0.1	<0.05	5	0.9
1385215	Soil	15	21	0.83	443	0.015	<1	1.84	0.007	0.04	0.1	0.07	4.8	<0.1	<0.05	6	0.8
1385218	Soil	18	20	0.93	393	0.016	<1	1.54	0.006	0.05	0.1	0.03	4.1	<0.1	<0.05	5	0.6
1385216	Soil	13	14	0.65	350	0.015	<1	1.36	0.004	0.04	0.1	0.03	3.9	<0.1	<0.05	5	<0.5
1354978	Soil	9	14	1.64	152	0.012	<1	2.37	0.003	0.03	<0.1	0.02	7.2	<0.1	<0.05	7	<0.5
1354973	Soil	7	38	1.60	96	0.040	<1	1.76	0.002	0.03	<0.1	<0.01	3.8	<0.1	<0.05	5	<0.5
1345816	Soil	16	21	1.04	404	0.020	<1	1.74	0.007	0.03	0.2	0.07	5.1	<0.1	<0.05	5	0.5
1385217	Soil	17	18	0.81	400	0.019	<1	1.52	0.005	0.04	0.1	0.05	4.7	<0.1	<0.05	5	0.5
1354966	Soil	12	24	1.37	222	0.025	<1	2.21	0.005	0.04	<0.1	0.03	5.4	<0.1	<0.05	7	<0.5
1345815	Soil	13	24	0.89	416	0.019	<1	1.76	0.007	0.04	0.2	0.03	4.3	<0.1	<0.05	5	0.6
1345814	Soil	14	21	1.16	360	0.015	<1	1.78	0.005	0.05	0.1	0.03	4.0	<0.1	<0.05	5	0.5
1345813	Soil	18	21	0.89	488	0.016	<1	1.68	0.007	0.05	0.1	0.05	4.8	<0.1	<0.05	5	1.3

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1354970	Soil	2.0	44.7	7.1	56	0.4	12.7	19.8	651	4.32	13.4	0.9	53.5	5.2	4	0.1	0.2	0.7	19	0.15	0.079
1354964	Soil	0.9	35.2	8.4	80	<0.1	21.6	11.1	771	3.43	43.0	0.9	5.0	4.6	13	0.3	0.2	<0.1	32	0.27	0.084
1354972	Soil	0.7	30.4	10.9	81	<0.1	20.6	13.1	353	3.00	11.5	1.1	20.7	6.9	11	0.1	0.2	0.2	31	0.21	0.078
1338275	Soil	0.9	27.1	6.6	80	0.2	17.9	12.4	580	3.81	3.9	0.9	3.1	3.7	15	<0.1	0.2	0.1	56	0.32	0.052
1354981	Soil	0.5	24.0	6.8	55	<0.1	14.4	12.8	528	3.30	6.7	0.6	1.2	2.4	8	<0.1	0.3	<0.1	61	0.13	0.019
1338274	Soil	1.1	26.5	6.8	79	0.2	17.4	11.8	570	3.68	3.7	0.7	4.8	3.8	14	<0.1	0.2	0.1	49	0.31	0.053
1354962	Soil	1.2	24.8	11.6	73	0.1	23.2	11.4	426	3.44	57.6	0.6	20.7	4.4	9	0.1	0.3	0.1	54	0.13	0.037
1354976	Soil	2.1	42.3	10.8	105	0.2	39.6	13.0	515	4.06	414.5	1.2	11.0	5.3	16	0.3	1.3	0.1	49	0.27	0.090
1354984	Soil	0.5	43.3	4.6	90	0.1	4.9	15.7	1039	5.05	4.3	0.7	12.6	3.2	14	0.1	0.2	0.1	65	0.38	0.084
1354982	Soil	0.4	37.0	4.8	86	<0.1	27.1	14.5	828	4.05	5.1	0.7	8.8	3.2	14	0.3	0.1	<0.1	83	0.33	0.079
1354983	Soil	0.3	30.3	6.3	73	0.1	17.1	12.7	830	3.47	4.8	0.6	1.3	3.3	12	0.1	0.3	<0.1	82	0.30	0.085
1354965	Soil	0.8	23.4	14.9	74	0.2	18.1	12.9	652	3.74	18.4	0.7	2.0	3.5	8	<0.1	0.3	0.1	54	0.15	0.031
1354980	Soil	0.4	28.1	8.9	69	<0.1	14.3	14.2	703	3.40	5.1	0.5	4.0	2.9	10	<0.1	0.3	<0.1	53	0.17	0.037
1354967	Soil	0.4	33.0	11.1	79	<0.1	9.3	19.8	833	4.49	11.1	0.5	14.6	3.0	7	0.1	0.2	<0.1	54	0.18	0.034
1354977	Soil	0.3	34.3	8.6	71	<0.1	11.5	16.1	931	4.01	11.4	0.5	3.2	3.2	9	<0.1	0.4	<0.1	54	0.16	0.039
1354969	Soil	0.5	114.1	27.4	112	0.2	12.0	26.9	469	4.39	4.7	1.0	9.8	2.7	5	0.9	0.4	0.1	73	0.12	0.053
1354979	Soil	0.9	27.1	10.6	66	<0.1	15.7	14.6	722	3.68	10.4	0.6	5.4	3.0	13	<0.1	0.4	0.1	58	0.21	0.028
1354986	Soil	0.3	16.9	6.9	84	<0.1	8.8	24.5	1217	4.93	2.6	0.4	30.5	2.1	8	0.1	0.2	<0.1	94	0.20	0.056
1354991	Soil	2.3	48.4	25.3	97	0.2	32.2	17.4	717	3.88	467.8	0.9	25.8	5.0	18	0.4	0.3	0.3	38	0.22	0.095
1354985	Soil	1.3	28.0	7.2	82	<0.1	18.0	11.8	497	3.26	4.1	0.9	9.1	4.8	12	<0.1	0.2	0.2	40	0.22	0.061
1354992	Soil	1.5	40.7	25.2	120	0.2	20.4	15.6	513	3.37	12.8	1.1	13.4	7.3	8	0.3	0.4	0.2	40	0.13	0.061
1354963	Soil	0.9	31.2	12.7	79	0.2	19.8	12.7	571	3.62	33.7	0.8	5.3	3.7	18	0.2	0.4	0.1	50	0.29	0.057
1354987	Soil	0.6	28.3	12.6	87	<0.1	32.8	16.5	759	4.11	1.7	1.0	3.0	5.6	12	<0.1	0.2	0.3	71	0.24	0.083
1349498	Soil	0.6	41.0	8.1	89	0.1	9.5	15.6	980	4.77	176.6	1.2	14.0	2.4	23	0.2	0.3	0.1	44	0.29	0.084
1354990	Soil	0.5	50.6	7.4	78	0.3	8.0	24.3	1318	5.17	17.6	0.3	3.8	2.5	9	0.2	0.2	<0.1	51	0.26	0.068
1354971	Soil	1.2	52.6	18.0	82	0.2	22.2	17.1	441	3.91	14.5	1.2	6.8	4.9	15	0.1	0.6	0.2	71	0.17	0.048
1349495	Soil	0.6	30.4	8.5	79	0.1	20.7	12.3	508	3.41	21.5	1.0	2.5	3.5	20	0.2	0.2	0.1	50	0.37	0.090
1354988	Soil	0.8	63.8	9.2	68	0.2	16.6	24.7	952	3.82	7.2	0.8	6.7	3.3	4	0.1	0.3	0.2	33	0.16	0.059
1354989	Soil	0.5	50.4	10.5	73	0.2	11.6	22.3	1341	4.73	4.8	0.6	5.3	2.9	8	<0.1	0.3	<0.1	61	0.25	0.064
1354950	Soil	1.9	38.6	37.0	370	0.6	17.8	14.4	583	3.79	11.6	1.2	22.8	5.8	16	1.5	0.4	0.2	38	0.27	0.091

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1354970	Soil	13	9	1.14	119	0.004	<1	1.52	0.003	0.03	<0.1	0.04	5.7	<0.1	<0.05	4	0.9
1354964	Soil	14	16	0.69	205	0.008	<1	1.29	0.004	0.06	<0.1	0.01	4.9	<0.1	<0.05	4	<0.5
1354972	Soil	23	19	0.95	481	0.014	<1	1.43	0.003	0.06	<0.1	0.02	7.3	<0.1	<0.05	5	0.6
1338275	Soil	14	17	1.31	307	0.025	<1	1.88	0.004	0.07	<0.1	0.01	6.2	<0.1	<0.05	7	<0.5
1354981	Soil	9	19	1.55	159	0.025	<1	2.27	0.004	0.03	<0.1	0.02	5.7	<0.1	<0.05	6	<0.5
1338274	Soil	13	17	1.26	244	0.028	<1	1.67	0.003	0.07	<0.1	0.02	5.9	<0.1	<0.05	6	<0.5
1354962	Soil	14	26	1.25	214	0.019	<1	1.88	0.004	0.04	<0.1	0.02	4.1	<0.1	<0.05	6	<0.5
1354976	Soil	18	26	0.87	225	0.007	<1	1.42	0.004	0.06	<0.1	0.02	6.1	<0.1	<0.05	5	0.5
1354984	Soil	18	4	1.63	147	0.013	<1	2.28	0.002	0.06	<0.1	0.02	9.1	<0.1	<0.05	8	<0.5
1354982	Soil	9	39	1.54	158	0.033	<1	1.71	0.005	0.12	<0.1	0.02	12.7	0.1	<0.05	8	<0.5
1354983	Soil	15	35	1.22	194	0.032	<1	1.63	0.004	0.07	<0.1	<0.01	7.7	<0.1	<0.05	7	<0.5
1354965	Soil	13	19	1.31	218	0.017	<1	2.16	0.005	0.05	<0.1	0.02	4.8	<0.1	<0.05	6	<0.5
1354980	Soil	12	20	1.46	187	0.021	<1	2.05	0.003	0.03	<0.1	0.03	6.0	<0.1	<0.05	6	<0.5
1354967	Soil	9	11	1.71	144	0.011	<1	2.34	0.002	0.03	<0.1	0.02	6.6	<0.1	<0.05	6	<0.5
1354977	Soil	13	13	1.75	207	0.011	1	2.29	0.002	0.03	<0.1	0.03	6.3	<0.1	<0.05	7	<0.5
1354969	Soil	14	13	1.87	159	0.008	<1	2.23	0.002	0.02	<0.1	0.12	11.9	<0.1	<0.05	6	0.6
1354979	Soil	10	19	1.10	202	0.029	<1	2.11	0.005	0.03	<0.1	0.03	6.1	<0.1	<0.05	6	<0.5
1354986	Soil	12	14	2.41	281	0.027	<1	2.37	0.003	0.08	<0.1	0.03	14.2	<0.1	<0.05	8	<0.5
1354991	Soil	17	19	1.51	160	0.004	<1	1.75	0.002	0.05	<0.1	0.01	3.1	<0.1	<0.05	6	0.8
1354985	Soil	14	18	1.13	227	0.032	<1	1.42	0.003	0.07	<0.1	0.02	5.8	<0.1	<0.05	5	<0.5
1354992	Soil	26	25	1.18	298	0.016	<1	1.84	0.003	0.04	<0.1	0.04	6.7	<0.1	<0.05	5	0.6
1354963	Soil	14	22	1.47	293	0.017	<1	2.07	0.005	0.05	<0.1	0.02	4.7	<0.1	<0.05	6	<0.5
1354987	Soil	16	29	2.86	161	0.068	<1	2.49	0.002	0.20	<0.1	<0.01	9.7	0.2	<0.05	10	<0.5
1349498	Soil	7	7	0.92	122	0.006	<1	1.58	0.003	0.07	<0.1	0.01	4.7	<0.1	<0.05	5	<0.5
1354990	Soil	6	7	1.70	78	0.004	<1	2.26	0.003	0.04	<0.1	0.01	7.7	<0.1	<0.05	6	<0.5
1354971	Soil	19	27	1.50	345	0.033	1	2.25	0.006	0.04	<0.1	0.04	8.2	<0.1	<0.05	6	<0.5
1349495	Soil	11	21	1.25	188	0.024	<1	1.63	0.004	0.05	<0.1	0.02	5.4	<0.1	<0.05	5	0.6
1354988	Soil	15	13	1.67	116	0.003	<1	1.90	0.005	0.02	<0.1	0.02	5.6	<0.1	<0.05	5	<0.5
1354989	Soil	14	18	2.13	111	0.005	<1	2.73	0.002	0.02	<0.1	0.01	9.7	<0.1	<0.05	7	<0.5
1354950	Soil	17	17	0.84	262	0.017	<1	1.24	0.003	0.03	<0.1	0.13	5.0	<0.1	<0.05	3	1.0

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	Method	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1349493	Soil	0.8	39.4	16.2	94	0.2	23.6	15.5	714	3.76	117.7	1.7	5.5	3.8	27	0.3	0.3	0.2	36	0.39	0.100
1349500	Soil	0.5	33.9	16.0	86	0.2	24.3	12.1	501	3.05	29.2	0.9	17.5	5.0	24	0.4	0.4	0.2	41	0.34	0.092
1354939	Soil	0.8	27.5	16.8	87	0.4	13.4	11.3	393	2.56	13.9	1.6	30.4	3.4	25	0.5	0.3	0.2	37	0.57	0.058
1354948	Soil	0.8	31.2	21.2	135	0.2	12.1	9.5	361	3.02	8.8	0.9	17.3	4.7	13	0.5	0.3	0.2	35	0.24	0.076
1354949	Soil	1.3	31.2	26.6	149	0.4	15.2	9.5	336	3.23	11.8	1.3	15.9	5.7	16	0.4	0.4	0.2	34	0.26	0.076
1349494	Soil	0.8	30.5	10.3	99	0.1	19.9	11.6	718	3.19	19.3	1.1	10.1	6.5	19	0.3	0.1	0.1	36	0.35	0.117
1349496	Soil	1.1	38.8	11.3	98	0.1	21.9	14.5	802	3.76	31.1	1.1	9.1	4.7	18	0.4	0.2	0.1	42	0.32	0.093
1349490	Soil	1.6	56.3	26.5	180	0.8	14.8	13.7	693	4.08	11.5	1.3	30.0	5.3	16	0.8	0.4	0.2	38	0.26	0.087
1354907	Soil	0.8	29.2	12.2	72	0.2	20.4	12.9	759	3.31	24.8	3.2	9.7	2.4	42	0.3	0.3	0.2	44	0.61	0.081
1349492	Soil	0.5	27.3	12.9	67	0.1	21.5	12.3	504	3.00	31.2	2.0	4.2	3.0	33	0.1	0.4	0.1	34	0.50	0.065
1349497	Soil	0.7	26.8	11.1	68	<0.1	17.5	14.3	539	3.56	22.1	0.9	16.5	3.0	18	<0.1	0.3	0.1	46	0.30	0.073
1354935	Soil	0.4	9.7	4.1	34	0.1	7.5	4.6	345	1.97	9.2	0.7	12.2	4.3	10	<0.1	0.2	0.1	21	0.22	0.068
1354945	Soil	1.0	24.9	15.8	84	0.2	10.9	9.2	474	3.13	10.2	1.1	23.2	3.1	13	0.3	0.4	0.2	39	0.28	0.070
1354944	Soil	1.0	20.9	20.9	86	0.3	14.0	8.8	340	2.70	12.8	0.9	16.5	3.4	13	0.3	0.3	0.2	39	0.25	0.071
1354940	Soil	0.9	21.9	13.6	74	0.2	14.9	13.4	356	3.24	26.7	1.3	10.5	3.9	19	0.3	0.4	0.2	37	0.35	0.082
1354937	Soil	1.0	16.9	11.4	72	0.3	9.4	17.8	1466	2.36	7.9	0.9	13.0	1.6	30	0.5	0.2	0.2	33	0.80	0.078
1354938	Soil	0.7	22.1	10.3	75	0.2	11.5	9.9	432	3.02	12.1	1.0	5.8	4.4	19	0.3	0.4	0.3	33	0.43	0.088
1354936	Soil	0.4	13.7	6.1	35	0.2	10.5	5.0	205	1.94	15.2	1.0	8.6	3.9	13	0.1	0.3	0.2	25	0.23	0.058
1349491	Soil	0.5	24.2	11.6	76	0.2	21.8	12.6	667	3.57	18.2	2.3	5.6	2.8	46	0.3	0.2	0.2	42	0.72	0.076
1354943	Soil	1.2	19.6	19.7	103	0.4	15.9	10.8	549	2.97	20.5	1.6	6.5	2.8	20	0.5	0.2	0.2	38	0.37	0.079
1354934	Soil	0.5	9.0	3.7	34	<0.1	8.5	5.5	316	2.23	8.0	0.5	37.1	3.8	9	<0.1	0.2	0.1	25	0.21	0.069
1349499	Soil	0.5	23.3	14.0	67	0.1	22.9	12.7	638	3.17	20.0	0.9	7.3	3.5	17	0.1	0.2	0.2	28	0.32	0.082
1354946	Soil	0.9	22.8	12.3	78	0.4	17.9	9.0	459	2.74	12.1	1.0	41.0	3.0	17	0.2	0.2	0.1	38	0.32	0.093
1354947	Soil	1.0	16.7	10.3	74	0.2	14.9	8.1	364	2.81	8.5	1.0	81.5	4.8	12	0.1	0.2	0.1	35	0.21	0.069
1354942	Soil	1.1	20.8	17.3	90	0.3	14.5	10.4	430	3.26	29.8	1.7	10.2	3.8	17	0.2	0.3	0.2	44	0.37	0.075
1354941	Soil	0.8	13.1	7.3	71	0.2	11.3	9.1	474	3.06	14.3	0.8	6.1	5.5	11	0.2	0.2	0.2	23	0.33	0.103

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1349493	Soil	12	16	0.98	146	0.008	<1	1.33	0.003	0.06	<0.1	0.01	3.6	<0.1	<0.05	4	0.6
1349500	Soil	16	19	0.98	170	0.015	<1	1.39	0.004	0.05	<0.1	0.01	4.4	<0.1	<0.05	5	<0.5
1354939	Soil	22	16	0.69	419	0.013	<1	1.40	0.005	0.04	0.1	0.08	4.5	<0.1	<0.05	5	0.6
1354948	Soil	15	15	0.65	215	0.021	<1	1.26	0.004	0.03	0.1	0.05	4.6	<0.1	<0.05	4	<0.5
1354949	Soil	22	17	0.88	381	0.016	<1	1.45	0.003	0.04	<0.1	0.04	5.4	<0.1	<0.05	4	0.5
1349494	Soil	23	16	1.12	131	0.020	<1	1.39	0.002	0.12	<0.1	0.01	5.6	0.1	<0.05	4	<0.5
1349496	Soil	16	16	1.09	161	0.016	<1	1.41	0.003	0.10	<0.1	<0.01	5.7	<0.1	<0.05	5	<0.5
1349490	Soil	17	11	0.77	261	0.008	<1	1.04	0.003	0.03	<0.1	0.04	6.2	<0.1	<0.05	3	0.6
1354907	Soil	10	20	0.92	284	0.015	<1	1.59	0.006	0.05	<0.1	0.04	4.4	<0.1	<0.05	5	1.6
1349492	Soil	10	14	0.91	211	0.013	<1	1.43	0.004	0.05	<0.1	0.03	3.9	<0.1	<0.05	4	0.9
1349497	Soil	9	18	1.13	153	0.021	<1	1.64	0.004	0.03	<0.1	0.02	4.5	<0.1	<0.05	5	0.7
1354935	Soil	21	12	0.60	143	0.016	<1	1.11	0.003	0.03	<0.1	0.01	3.3	<0.1	<0.05	4	<0.5
1354945	Soil	18	15	0.63	216	0.019	<1	1.41	0.004	0.03	<0.1	0.04	5.0	<0.1	<0.05	4	<0.5
1354944	Soil	16	18	0.75	254	0.018	<1	1.44	0.004	0.05	<0.1	0.03	3.8	<0.1	<0.05	4	<0.5
1354940	Soil	15	16	0.84	325	0.019	<1	1.43	0.005	0.03	0.2	0.05	4.1	<0.1	<0.05	4	<0.5
1354937	Soil	15	12	0.63	343	0.010	<1	1.21	0.005	0.03	<0.1	0.06	3.7	<0.1	<0.05	4	<0.5
1354938	Soil	21	12	0.78	227	0.016	<1	1.34	0.004	0.03	0.1	0.04	3.9	<0.1	<0.05	4	<0.5
1354936	Soil	26	14	0.42	208	0.019	<1	1.04	0.004	0.05	0.1	0.02	3.3	<0.1	<0.05	3	<0.5
1349491	Soil	12	18	1.22	324	0.009	<1	1.82	0.005	0.06	<0.1	0.03	4.4	<0.1	<0.05	5	1.3
1354943	Soil	16	18	0.96	318	0.011	<1	1.68	0.004	0.05	0.1	0.04	4.2	<0.1	<0.05	5	0.6
1354934	Soil	10	11	0.48	107	0.026	<1	1.13	0.003	0.03	<0.1	0.01	2.5	<0.1	<0.05	4	<0.5
1349499	Soil	11	11	0.87	120	0.008	<1	1.23	0.003	0.05	<0.1	0.02	3.6	<0.1	<0.05	4	<0.5
1354946	Soil	18	19	1.06	370	0.015	<1	1.72	0.005	0.06	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
1354947	Soil	18	17	1.01	318	0.016	<1	1.53	0.004	0.05	<0.1	0.02	3.9	<0.1	<0.05	5	<0.5
1354942	Soil	18	15	0.85	254	0.018	<1	1.61	0.005	0.04	0.1	0.05	4.6	<0.1	<0.05	5	0.6
1354941	Soil	16	11	1.02	156	0.011	<1	1.39	0.003	0.03	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5

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Method	Analyte	Unit	MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																							
1392884	Soil		1.0	38.2	13.0	88	0.2	34.3	18.6	657	4.33	17.1	0.6	2.3	5.1	13	0.2	0.2	0.1	78	0.27	0.055	
REP 1392884	QC		1.0	38.8	13.5	89	0.2	36.8	18.8	676	4.23	16.5	0.6	2.2	5.5	14	0.2	0.3	0.1	76	0.28	0.064	
1338339	Soil		1.0	13.8	9.3	77	0.1	7.3	5.0	431	2.53	3.5	0.7	7.2	4.7	5	<0.1	0.2	0.2	16	0.12	0.046	
REP 1338339	QC		1.0	13.9	9.9	75	0.2	7.6	5.1	453	2.63	3.5	0.8	93.2	4.9	6	<0.1	0.2	0.2	16	0.12	0.045	
1385244	Soil		0.3	43.5	9.0	71	0.1	20.7	15.0	734	3.70	5.8	0.9	7.3	3.8	19	0.1	0.4	0.1	57	0.37	0.069	
REP 1385244	QC		0.3	43.5	9.2	73	0.1	21.5	14.9	749	3.70	5.9	0.8	5.1	3.6	19	0.2	0.4	0.1	62	0.37	0.078	
1370408	Soil		0.8	25.2	13.6	84	0.2	19.0	9.0	289	2.57	16.1	0.9	10.4	5.7	17	0.2	0.2	0.1	39	0.27	0.081	
REP 1370408	QC		0.7	24.2	13.7	78	0.2	18.3	8.9	285	2.49	15.3	1.0	6.2	5.9	16	0.2	0.3	0.1	41	0.27	0.088	
1354998	Soil		0.8	30.4	14.8	82	<0.1	18.9	14.6	820	4.29	33.8	0.8	4.7	3.4	17	0.1	0.4	0.2	85	0.24	0.043	
REP 1354998	QC		0.9	30.8	15.4	81	<0.1	18.4	15.6	771	4.34	36.2	0.8	5.8	3.5	18	0.1	0.6	0.1	86	0.22	0.044	
1338307	Soil		0.8	20.8	7.9	50	0.4	7.1	12.6	623	3.87	68.1	1.6	22.5	7.7	18	0.2	0.6	0.6	24	0.43	0.118	
REP 1338307	QC		1.0	20.5	7.0	48	0.4	6.9	12.3	609	3.80	69.1	1.4	16.6	6.7	18	0.2	0.5	0.5	23	0.45	0.124	
1345815	Soil		1.2	23.6	11.5	68	0.3	19.1	12.9	603	2.98	47.4	1.2	6.8	2.8	19	0.3	0.3	0.2	49	0.39	0.058	
REP 1345815	QC		1.1	22.6	11.3	68	0.3	18.7	12.5	591	2.97	46.2	1.1	4.3	2.7	20	0.4	0.3	0.2	49	0.38	0.062	
1354948	Soil		0.8	31.2	21.2	135	0.2	12.1	9.5	361	3.02	8.8	0.9	17.3	4.7	13	0.5	0.3	0.2	35	0.24	0.076	
REP 1354948	QC		0.8	30.3	21.3	132	0.3	12.1	9.7	376	3.09	8.9	0.9	16.8	4.7	13	0.4	0.4	0.2	37	0.23	0.075	
1354941	Soil		0.8	13.1	7.3	71	0.2	11.3	9.1	474	3.06	14.3	0.8	6.1	5.5	11	0.2	0.2	0.2	23	0.33	0.103	
REP 1354941	QC		0.8	13.0	7.3	66	0.2	10.6	8.8	478	2.96	13.8	0.8	154.8	5.3	11	0.2	0.2	0.2	22	0.29	0.102	
Reference Materials																							
STD DS10	Standard		16.1	161.4	166.4	369	2.0	77.1	14.2	883	2.73	48.9	2.8	95.5	8.4	65	2.8	10.1	13.7	47	1.13	0.087	
STD DS10	Standard		15.7	160.7	165.1	374	2.0	74.5	11.7	864	2.70	45.7	2.8	93.3	8.0	74	2.5	10.1	13.8	44	1.01	0.075	
STD DS10	Standard		16.3	164.7	160.4	393	1.9	79.2	13.7	893	2.80	46.3	2.9	75.3	8.1	75	2.4	9.8	13.0	48	1.02	0.074	
STD DS10	Standard		16.2	165.5	158.4	416	2.0	80.9	12.0	905	2.82	44.6	2.8	72.4	7.5	70	2.7	9.2	11.6	48	1.10	0.076	
STD DS10	Standard		15.2	164.0	158.7	375	2.0	77.0	12.9	910	2.78	47.9	2.7	69.1	7.9	71	2.6	8.8	12.7	45	1.07	0.074	
STD DS10	Standard		14.9	161.9	160.5	377	1.9	74.3	13.0	875	2.67	44.3	2.9	76.8	7.9	69	2.5	9.3	13.3	45	1.00	0.077	
STD DS10	Standard		15.6	150.9	160.1	351	1.8	78.3	12.6	922	2.88	41.0	2.6	65.9	7.3	65	2.3	7.9	11.9	40	1.09	0.075	
STD DS10	Standard		15.6	175.6	151.4	407	2.0	81.1	12.4	964	2.92	43.1	2.6	83.0	7.3	62	2.4	7.4	12.6	49	1.18	0.077	
STD DS10	Standard		15.1	159.1	148.0	352	1.9	78.3	12.1	825	2.73	41.2	2.5	83.1	6.7	66	2.3	8.8	11.5	39	0.99	0.067	

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	Method Analyte Unit MDL	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1392884	Soil	19	47	2.26	186	0.014	<1	2.48	0.003	0.04	<0.1	0.01	10.3	<0.1	<0.05	7	<0.5	<0.2
REP 1392884	QC	19	46	2.15	181	0.013	<1	2.47	0.003	0.04	<0.1	0.01	10.6	<0.1	<0.05	8	<0.5	<0.2
1338339	Soil	13	7	0.46	158	0.009	<1	0.76	0.003	0.06	<0.1	<0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
REP 1338339	QC	15	8	0.43	166	0.009	1	0.80	0.003	0.06	<0.1	<0.01	2.8	<0.1	<0.05	3	<0.5	<0.2
1385244	Soil	16	21	1.46	245	0.012	1	2.29	0.005	0.04	<0.1	0.04	6.9	<0.1	<0.05	7	<0.5	<0.2
REP 1385244	QC	16	22	1.46	254	0.012	1	2.38	0.005	0.04	<0.1	0.04	6.9	<0.1	<0.05	7	<0.5	<0.2
1370408	Soil	20	21	0.96	401	0.021	<1	1.52	0.005	0.09	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
REP 1370408	QC	20	22	0.97	371	0.023	<1	1.58	0.005	0.08	<0.1	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1354998	Soil	11	20	1.56	281	0.025	<1	2.37	0.005	0.04	<0.1	0.03	9.0	<0.1	<0.05	8	<0.5	<0.2
REP 1354998	QC	12	20	1.63	293	0.026	<1	2.38	0.005	0.04	<0.1	0.03	9.4	<0.1	<0.05	8	<0.5	<0.2
1338307	Soil	25	7	0.74	129	0.008	<1	1.41	0.003	0.03	<0.1	0.03	3.6	<0.1	<0.05	4	0.8	<0.2
REP 1338307	QC	25	5	0.85	128	0.009	1	1.44	0.003	0.04	<0.1	0.02	3.8	<0.1	<0.05	5	0.8	<0.2
1345815	Soil	13	24	0.89	416	0.019	<1	1.76	0.007	0.04	0.2	0.03	4.3	<0.1	<0.05	5	0.6	<0.2
REP 1345815	QC	13	24	0.89	402	0.019	<1	1.68	0.007	0.05	0.2	0.03	4.1	<0.1	<0.05	5	0.6	<0.2
1354948	Soil	15	15	0.65	215	0.021	<1	1.26	0.004	0.03	0.1	0.05	4.6	<0.1	<0.05	4	<0.5	<0.2
REP 1354948	QC	15	15	0.66	213	0.021	<1	1.24	0.004	0.03	<0.1	0.05	4.5	<0.1	<0.05	3	<0.5	<0.2
1354941	Soil	16	11	1.02	156	0.011	<1	1.39	0.003	0.03	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
REP 1354941	QC	16	11	0.94	148	0.010	<1	1.34	0.003	0.03	<0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS10	Standard	18	58	0.80	341	0.089	7	1.03	0.066	0.36	3.5	0.30	3.3	5.4	0.29	5	2.1	4.9
STD DS10	Standard	20	53	0.83	397	0.080	7	1.05	0.062	0.34	3.7	0.34	3.1	5.7	0.26	5	1.8	5.5
STD DS10	Standard	20	57	0.79	360	0.084	7	1.13	0.066	0.35	3.3	0.31	3.1	5.1	0.28	5	2.3	5.4
STD DS10	Standard	18	53	0.87	365	0.082	7	1.06	0.075	0.38	3.9	0.32	3.1	5.3	0.31	5	2.5	5.2
STD DS10	Standard	19	55	0.79	370	0.082	7	1.11	0.070	0.34	3.1	0.31	3.1	5.1	0.27	4	1.9	5.1
STD DS10	Standard	18	53	0.77	345	0.076	9	1.03	0.058	0.32	3.3	0.30	3.0	4.9	0.28	5	3.3	5.1
STD DS10	Standard	17	54	0.77	396	0.079	7	1.05	0.061	0.33	3.3	0.29	3.0	4.9	0.29	5	2.3	4.8
STD DS10	Standard	17	53	0.83	357	0.085	7	1.11	0.068	0.36	3.3	0.29	3.3	5.2	0.31	5	2.4	5.1
STD DS10	Standard	17	49	0.79	356	0.071	7	0.98	0.067	0.32	3.3	0.29	2.7	5.0	0.25	4	2.5	5.3

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		AQ201 Mo ppm 0.1	AQ201 Cu ppm 0.1	AQ201 Pb ppm 0.1	AQ201 Zn ppm 1	AQ201 Ag ppm 0.1	AQ201 Ni ppm 0.1	AQ201 Co ppm 0.1	AQ201 Mn ppm 1	AQ201 Fe % 0.01	AQ201 As ppm 0.5	AQ201 U ppm 0.1	AQ201 Au ppb 0.5	AQ201 Th ppm 0.1	AQ201 Sr ppm 1	AQ201 Cd ppm 0.1	AQ201 Sb ppm 0.1	AQ201 Bi ppm 0.1	AQ201 V ppm 2	AQ201 Ca % 0.01	AQ201 P % 0.001
STD OXC109	Standard	1.6	38.7	11.0	44	<0.1	71.7	19.3	395	2.71	1.1	0.6	196.2	1.5	136	<0.1	<0.1	<0.1	48	0.64	0.113
STD OXC109	Standard	1.6	35.1	11.9	42	<0.1	73.7	18.5	437	3.03	1.1	0.7	222.4	1.5	154	<0.1	<0.1	<0.1	50	0.67	0.102
STD OXC109	Standard	1.6	37.4	11.6	41	<0.1	72.5	18.4	438	2.82	0.9	0.6	208.5	1.7	148	<0.1	<0.1	<0.1	50	0.73	0.107
STD OXC109	Standard	1.5	35.8	10.4	45	<0.1	77.4	18.5	402	2.91	<0.5	0.6	198.3	1.4	148	<0.1	<0.1	<0.1	48	0.75	0.099
STD OXC109	Standard	1.3	35.1	11.2	39	<0.1	71.7	19.4	409	2.90	0.7	0.6	194.4	1.5	140	<0.1	<0.1	<0.1	50	0.71	0.099
STD OXC109	Standard	1.2	35.7	11.7	40	<0.1	75.1	20.2	435	2.86	0.9	0.7	222.1	1.6	143	<0.1	<0.1	<0.1	47	0.66	0.101
STD OXC109	Standard	1.6	31.5	10.3	42	<0.1	78.7	17.9	392	2.89	0.8	0.6	207.7	1.4	146	<0.1	<0.1	<0.1	52	0.76	0.104
STD OXC109	Standard	1.5	36.3	10.2	42	<0.1	76.4	18.7	456	3.14	0.7	0.6	214.0	1.5	148	<0.1	<0.1	<0.1	52	0.74	0.111
STD OXC109	Standard	1.6	33.4	10.2	42	<0.1	73.7	19.6	409	2.93	<0.5	0.5	203.3	1.4	133	<0.1	<0.1	<0.1	49	0.66	0.097
STD OXC109	Standard	1.4	34.3	11.1	41	<0.1	75.9	17.5	409	2.85	<0.5	0.5	208.8	1.3	131	<0.1	<0.1	<0.1	43	0.66	0.109
STD DS10 Expected		14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	2.59	91.9	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073
STD OXC109 Expected		201																			
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

QUALITY CONTROL REPORT

WHI14000228.1

		AQ201 La ppm	AQ201 Cr ppm	AQ201 Mg %	AQ201 Ba ppm	AQ201 Ti %	AQ201 B ppm	AQ201 Al %	AQ201 Na %	AQ201 K %	AQ201 W ppm	AQ201 Hg ppm	AQ201 Sc ppm	AQ201 Ti ppm	AQ201 S %	AQ201 Ga ppm	AQ201 Se ppm	AQ201 Te ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OXC109	Standard	13	53	1.37	56	0.370	<1	1.43	0.611	0.39	0.2	<0.01	0.8	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	14	55	1.51	60	0.375	1	1.58	0.680	0.37	0.3	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	56	1.41	55	0.382	<1	1.56	0.645	0.40	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	13	54	1.44	56	0.336	1	1.56	0.616	0.40	0.2	<0.01	1.0	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	58	1.42	57	0.373	2	1.47	0.621	0.42	0.2	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	13	57	1.43	54	0.372	3	1.56	0.724	0.40	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD OXC109	Standard	12	62	1.47	51	0.405	2	1.56	0.635	0.40	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	13	58	1.43	53	0.382	1	1.48	0.690	0.42	0.2	<0.01	1.1	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	54	1.52	52	0.383	1	1.39	0.663	0.43	0.2	<0.01	0.9	<0.1	<0.05	6	<0.5	<0.2
STD OXC109	Standard	12	55	1.36	54	0.373	2	1.39	0.674	0.42	0.2	<0.01	1.0	<0.1	<0.05	5	<0.5	<0.2
STD DS10 Expected		17.5	54.6	0.775	359	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OXC109 Expected																		
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Centerra Gold**
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Submitted By: Jodie Gibson
Receiving Lab: Canada-Whitehorse
Received: October 10, 2014
Report Date: October 28, 2014
Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI14000242.1

CLIENT JOB INFORMATION

Project: KSD
Shipment ID: KSD2014-10-08
P.O. Number
Number of Samples: 139

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Centerra Gold
1 University Avenue, Suite 1500
Toronto ON M5J 2P1
CANADA

CC: Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	133	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	139	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
MA200	139	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI14000242.1

	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1394501	Rock	2.52	0.016	1.0	45.4	16.0	102	0.2	17.7	25.2	893	5.98	6	0.7	2.5	33	0.2	0.7	<0.1	236	0.21
1394502	Rock	1.77	0.018	0.4	43.6	13.9	106	0.3	12.2	23.7	877	5.91	5	0.5	1.8	24	0.2	0.6	0.2	222	0.17
1394503	Rock	4.14	0.010	0.8	38.1	15.0	105	0.3	13.9	22.7	998	5.44	5	0.5	2.8	53	0.5	0.9	0.4	200	1.52
1394504	Rock	2.09	0.009	0.6	32.3	10.8	91	0.3	11.8	22.3	855	5.25	6	0.5	3.2	70	0.4	0.9	<0.1	187	2.45
1394505	Rock	2.22	0.005	0.8	33.7	14.3	80	0.2	12.9	20.5	780	4.71	6	0.6	3.7	83	0.5	1.0	0.2	185	3.13
1394506	Rock	1.84	<0.005	0.8	30.1	7.7	88	0.2	10.4	22.8	968	5.32	34	0.7	3.3	47	0.3	0.7	<0.1	199	2.22
1394507	Rock	1.91	<0.005	1.2	30.1	7.6	82	0.3	11.4	20.9	884	4.95	44	0.7	3.1	65	0.3	0.5	<0.1	180	2.91
1394508	Rock	1.76	0.010	0.3	42.9	14.3	77	0.3	10.9	23.9	905	5.38	28	0.7	3.0	103	0.1	0.7	<0.1	220	3.71
1394509	Rock	1.70	0.009	0.4	39.7	19.5	77	0.3	10.8	23.5	785	5.22	51	0.5	3.1	92	0.1	0.7	<0.1	219	2.91
1394510	Rock	2.12	0.013	0.7	38.4	15.4	90	0.3	10.4	20.9	855	4.93	151	0.5	3.1	72	0.3	0.8	<0.1	178	2.90
1394511	Rock	2.09	0.007	1.3	32.9	23.1	103	0.4	11.8	18.5	903	4.78	28	0.9	4.7	92	0.9	0.8	0.3	152	3.50
1394512	Rock	2.53	0.005	0.6	26.4	14.8	97	0.3	10.7	17.4	739	4.69	11	0.5	4.5	59	0.5	0.4	<0.1	146	2.19
1394513	Rock	2.68	0.015	0.7	34.0	19.5	122	0.3	11.5	17.7	779	4.66	10	0.7	4.4	66	0.8	0.4	<0.1	148	2.34
1394514	Rock	2.02	0.007	0.8	28.5	18.4	116	0.3	9.5	17.0	805	4.23	4	0.8	3.6	72	0.8	0.2	<0.1	147	2.92
1394515	Rock	2.31	0.008	1.1	38.0	31.0	136	0.3	11.5	21.3	810	4.92	5	1.2	3.4	74	0.5	0.2	<0.1	175	2.61
1394516	Rock	2.13	<0.005	0.7	23.5	6.9	96	0.1	10.3	17.9	594	4.85	4	0.9	3.5	60	0.2	0.4	<0.1	144	1.65
1394517	Rock	1.98	0.013	3.0	34.1	30.8	122	0.6	10.8	11.0	587	4.27	8	1.9	5.4	40	0.3	0.5	0.9	82	1.09
1394518	Rock	2.34	0.006	2.9	20.6	19.4	110	0.3	18.6	8.4	491	3.16	8	1.8	7.6	55	0.5	0.4	0.2	72	1.33
1394519	Rock	2.55	<0.005	3.3	27.5	21.5	106	0.2	25.3	8.3	429	2.75	12	2.1	8.0	47	0.6	0.3	0.2	80	1.11
1394520	Rock	2.18	0.033	3.2	82.5	22.9	175	0.6	14.5	15.1	860	4.84	14	1.9	4.5	71	0.8	0.6	0.6	130	1.76
1394521	Rock Pulp	0.12	2.027	3.8	38.8	9.7	71	0.4	37.9	17.4	808	4.23	12	0.8	2.0	304	0.1	3.0	0.2	136	2.83
1394522	Rock	2.73	0.025	2.9	42.3	12.0	146	0.3	14.9	12.0	639	3.81	7	1.8	4.7	40	0.3	0.3	0.2	108	1.02
1394523	Rock	2.44	0.013	2.2	63.7	21.0	152	0.7	11.3	14.3	956	4.14	22	1.3	4.1	56	0.9	0.8	0.8	137	1.54
1394524	Rock	2.36	0.408	2.6	57.2	84.8	93	0.6	16.4	15.4	664	3.06	27	1.3	5.3	88	0.4	0.7	0.6	94	1.80
1394525	Rock	2.55	0.073	1.7	49.8	80.5	88	0.6	17.2	10.6	648	2.86	29	1.3	5.0	87	0.3	0.6	0.5	92	1.85
1394526	Rock	2.57	0.011	2.3	50.0	12.8	141	0.3	17.5	14.1	841	4.05	11	1.8	5.4	71	0.9	1.0	0.5	125	1.85
1394527	Rock	2.21	0.069	2.2	21.1	9.1	99	0.2	9.3	10.8	845	3.68	7	1.8	4.7	77	0.4	0.3	<0.1	98	2.18
1394528	Rock	1.93	0.148	1.4	21.7	9.1	67	0.1	5.9	16.1	684	3.50	7	1.5	4.3	90	<0.1	0.3	0.1	67	2.25
1394529	Rock	2.13	0.409	1.3	28.4	9.6	71	0.2	6.7	14.6	777	4.60	10	1.2	3.8	114	0.6	0.6	0.3	108	2.93
1394530	Rock	1.95	0.132	1.9	23.7	9.3	106	0.2	5.7	28.3	788	4.54	12	1.0	3.7	104	0.2	0.4	0.1	86	2.33

CERTIFICATE OF ANALYSIS

WHI14000242.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1394501	Rock	0.048	5.4	37	3.95	1209	0.159	8.58	1.866	2.04	1.9	14.6	14	1.0	5.0	1.8	0.1	1	24	28.9	<0.1
1394502	Rock	0.053	3.7	26	3.77	1050	0.115	7.26	1.528	1.65	1.8	7.7	10	0.9	4.5	1.0	<0.1	1	21	29.7	<0.1
1394503	Rock	0.054	9.2	35	3.51	989	0.116	7.53	1.795	1.39	2.1	5.3	21	0.9	5.7	1.0	<0.1	<1	22	28.8	<0.1
1394504	Rock	0.057	11.4	31	3.53	923	0.191	8.00	2.353	1.29	1.3	4.1	24	0.9	7.2	1.7	0.1	<1	22	30.3	<0.1
1394505	Rock	0.054	13.1	35	3.03	1034	0.185	7.51	1.800	1.49	1.3	4.0	27	1.0	7.4	1.9	0.1	<1	20	27.3	<0.1
1394506	Rock	0.059	11.1	30	3.36	1018	0.192	7.50	2.182	1.28	1.3	6.8	25	0.7	7.5	1.5	<0.1	1	22	28.2	<0.1
1394507	Rock	0.050	11.0	33	2.65	886	0.175	7.02	1.952	1.22	1.9	5.0	24	0.7	7.1	1.7	<0.1	<1	21	26.1	<0.1
1394508	Rock	0.052	10.8	28	3.12	799	0.204	7.82	2.242	1.26	1.5	2.2	23	0.8	9.0	1.5	0.1	<1	24	42.8	<0.1
1394509	Rock	0.053	9.5	26	3.11	972	0.170	7.98	1.901	1.53	0.9	2.1	21	0.8	9.8	1.5	<0.1	1	23	40.7	<0.1
1394510	Rock	0.051	9.7	25	3.17	970	0.162	7.46	1.434	1.65	1.3	3.0	21	0.9	9.2	1.7	<0.1	<1	21	46.5	<0.1
1394511	Rock	0.069	16.3	38	3.08	1198	0.142	7.72	1.325	1.76	1.2	4.2	32	1.1	11.0	2.2	<0.1	<1	21	35.9	0.2
1394512	Rock	0.064	15.4	33	3.36	1103	0.118	7.35	1.121	1.73	1.2	6.8	32	1.0	6.7	1.6	<0.1	1	19	41.2	0.1
1394513	Rock	0.063	16.6	34	3.17	1159	0.115	7.44	1.160	1.87	1.2	6.4	33	0.7	6.3	1.9	<0.1	1	20	36.7	0.2
1394514	Rock	0.052	12.0	28	3.16	1013	0.098	6.58	0.973	1.63	3.5	7.8	25	0.8	4.7	1.1	<0.1	1	17	29.3	0.1
1394515	Rock	0.053	10.3	29	3.87	1201	0.104	7.54	1.234	1.76	3.2	13.8	22	0.6	3.9	1.2	<0.1	1	19	39.1	0.2
1394516	Rock	0.064	12.6	24	3.70	1254	0.107	7.21	1.694	1.32	1.8	22.6	27	0.7	4.4	1.1	<0.1	<1	19	38.5	0.3
1394517	Rock	0.089	18.5	22	3.05	294	0.116	6.43	0.621	2.24	3.0	53.0	38	1.2	4.8	2.5	<0.1	2	16	28.3	0.8
1394518	Rock	0.093	25.8	32	2.17	402	0.114	6.25	1.205	1.94	2.9	47.6	50	1.7	5.9	2.5	0.1	1	13	22.1	0.4
1394519	Rock	0.095	26.4	42	1.71	686	0.109	6.32	1.230	2.12	2.3	40.7	52	1.9	6.1	2.5	0.1	1	11	14.7	0.3
1394520	Rock	0.074	16.6	31	3.96	224	0.120	7.23	0.657	2.24	2.8	59.3	35	1.4	6.8	1.4	<0.1	2	18	24.3	0.8
1394521	Rock Pulp	0.067	10.7	56	1.51	518	0.402	7.13	2.514	0.98	24.6	30.6	22	0.9	16.9	4.4	0.2	1	16	17.4	<0.1
1394522	Rock	0.090	14.3	33	3.13	449	0.112	6.26	0.691	2.05	4.9	51.1	31	1.6	4.5	1.6	<0.1	2	15	21.2	0.6
1394523	Rock	0.082	12.5	34	3.59	117	0.117	6.34	0.735	1.77	4.7	52.2	28	1.4	5.2	1.3	<0.1	2	16	38.1	0.9
1394524	Rock	0.069	16.6	31	2.14	107	0.092	5.39	0.753	1.67	56.6	37.3	32	1.5	6.3	1.7	<0.1	<1	12	23.0	0.7
1394525	Rock	0.067	17.2	25	1.98	137	0.100	5.13	0.761	1.68	20.2	35.9	33	1.3	6.4	1.5	<0.1	2	11	21.9	0.7
1394526	Rock	0.087	19.2	37	2.81	179	0.103	6.88	1.341	1.86	10.7	37.3	37	1.8	7.0	1.3	<0.1	1	17	21.2	0.8
1394527	Rock	0.099	16.7	19	1.68	76	0.109	7.25	2.341	1.99	6.2	28.5	39	1.5	8.7	0.9	<0.1	1	16	11.7	1.0
1394528	Rock	0.108	14.2	11	1.36	90	0.092	7.41	3.976	1.16	115.5	28.8	33	1.1	9.0	0.9	<0.1	<1	16	6.9	1.0
1394529	Rock	0.103	14.0	12	1.62	122	0.117	7.76	3.747	1.15	28.8	29.6	32	0.9	9.6	0.9	<0.1	1	18	12.6	0.9
1394530	Rock	0.105	11.6	10	1.75	44	0.100	7.35	3.452	1.15	>200	25.0	29	0.9	10.3	1.1	<0.1	<1	17	15.0	1.8

Bureau Veritas Commodities Canada Ltd.

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Client: **Centerra Gold**
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Project: KSD
Report Date: October 28, 2014

Page: 2 of 6

Part: 3 of 3

CERTIFICATE OF ANALYSIS

WHI14000242.1

	Method Analyte	MA200						
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	MDL	MDL	MDL	MDL	MDL	MDL
1394501	Rock	32.7	0.4	0.05	<0.005	<1	<0.5	<0.5
1394502	Rock	19.3	0.3	0.06	<0.005	<1	<0.5	<0.5
1394503	Rock	26.6	0.2	0.06	<0.005	<1	<0.5	<0.5
1394504	Rock	32.9	<0.1	<0.05	<0.005	<1	0.5	<0.5
1394505	Rock	38.8	<0.1	0.08	<0.005	<1	<0.5	<0.5
1394506	Rock	32.5	0.2	<0.05	<0.005	<1	<0.5	<0.5
1394507	Rock	35.4	0.2	<0.05	<0.005	<1	<0.5	<0.5
1394508	Rock	29.8	<0.1	0.08	<0.005	<1	<0.5	<0.5
1394509	Rock	36.2	<0.1	0.07	<0.005	<1	<0.5	<0.5
1394510	Rock	40.7	<0.1	<0.05	<0.005	<1	<0.5	<0.5
1394511	Rock	49.9	<0.1	0.12	<0.005	<1	<0.5	<0.5
1394512	Rock	41.2	0.2	0.06	<0.005	<1	<0.5	<0.5
1394513	Rock	43.8	0.2	0.08	<0.005	<1	<0.5	<0.5
1394514	Rock	31.5	0.2	0.05	<0.005	<1	<0.5	<0.5
1394515	Rock	29.9	0.4	0.08	<0.005	<1	<0.5	<0.5
1394516	Rock	32.4	0.6	<0.05	<0.005	<1	<0.5	<0.5
1394517	Rock	54.1	1.5	<0.05	<0.005	<1	<0.5	0.6
1394518	Rock	64.9	1.2	<0.05	<0.005	<1	<0.5	0.6
1394519	Rock	70.2	1.2	<0.05	<0.005	<1	<0.5	0.6
1394520	Rock	55.4	1.7	0.10	<0.005	2	<0.5	0.6
1394521	Rock Pulp	25.7	1.0	<0.05	<0.005	<1	<0.5	<0.5
1394522	Rock	45.6	1.2	0.10	<0.005	<1	<0.5	0.6
1394523	Rock	41.2	1.4	0.05	<0.005	2	<0.5	<0.5
1394524	Rock	57.3	1.1	<0.05	<0.005	1	<0.5	<0.5
1394525	Rock	56.0	0.9	0.10	<0.005	<1	<0.5	0.5
1394526	Rock	61.9	1.1	0.10	<0.005	<1	<0.5	0.7
1394527	Rock	65.4	0.7	<0.05	0.009	<1	<0.5	<0.5
1394528	Rock	37.8	0.7	<0.05	<0.005	<1	<0.5	<0.5
1394529	Rock	41.0	0.7	0.10	<0.005	<1	<0.5	<0.5
1394530	Rock	40.6	0.6	0.07	0.006	1	<0.5	<0.5

CERTIFICATE OF ANALYSIS

WHI14000242.1

	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1394531	Rock	1.38	0.009	1.1	24.5	7.7	130	0.2	18.5	24.8	1429	5.10	9	0.9	2.0	140	0.2	0.4	0.2	196	4.15
1394532	Rock	1.36	0.012	1.6	42.9	6.6	119	0.2	11.2	25.7	1190	6.03	9	1.0	2.4	95	<0.1	0.4	0.1	195	3.24
1394533	Rock	1.33	0.017	1.5	74.5	6.6	130	0.3	10.7	24.6	1350	6.89	7	1.2	2.3	97	<0.1	0.5	0.2	220	3.66
1394534	Rock	1.66	0.016	0.9	86.5	9.9	139	0.4	20.8	31.0	1397	6.14	12	0.9	1.9	122	0.3	1.0	0.2	279	4.33
1394535	Rock	1.53	0.008	1.6	43.7	12.1	116	0.2	19.9	28.5	1381	5.55	5	0.6	1.4	176	0.3	1.0	0.1	232	5.24
1394536	Rock	1.48	0.007	1.0	41.8	9.1	100	0.1	16.8	30.5	1393	5.78	7	0.7	1.5	175	<0.1	1.1	<0.1	269	5.11
1394537	Rock	1.70	0.011	1.5	73.2	9.9	181	0.2	30.0	40.5	1655	6.90	7	0.6	1.2	125	0.4	1.1	0.1	365	5.13
1394538	Rock	2.17	0.011	1.1	62.7	8.5	310	0.3	31.9	31.0	1639	5.76	8	0.4	0.6	98	0.7	0.5	0.2	223	3.92
1394539	Rock	2.35	0.015	1.6	58.8	9.3	148	0.3	19.2	29.7	1273	5.97	8	0.5	1.4	77	0.5	0.6	0.4	249	3.43
1394540	Rock	1.96	0.015	1.1	63.5	8.8	151	0.3	20.2	31.9	1322	5.66	11	0.4	1.0	79	0.3	0.4	0.4	226	3.65
1394541	Rock Pulp	0.12	<0.005	2.8	27.8	5.1	62	1.6	31.1	15.9	760	3.39	6	0.6	1.8	305	0.6	0.9	<0.1	121	2.74
1394542	Rock	1.88	0.012	1.7	53.1	11.7	134	0.3	12.0	23.0	1298	5.88	6	0.8	2.1	97	0.4	0.4	0.6	196	3.46
1394543	Rock	1.64	0.021	2.0	28.0	7.9	141	0.3	14.7	35.4	1367	6.79	7	0.6	1.6	71	0.3	0.3	0.5	196	3.09
1394551	Rock	0.62	0.356	1.0	138.8	35.1	222	0.6	40.8	36.0	1477	6.12	13	0.4	0.7	44	0.6	1.1	0.1	262	0.17
1394552	Rock	2.33	0.018	0.4	85.6	24.1	165	0.5	23.0	25.8	1508	5.26	8	0.4	2.3	52	0.4	0.6	0.2	197	2.12
1394553	Rock	2.62	0.012	0.6	44.7	18.2	157	0.4	17.8	22.3	1347	5.33	9	0.5	2.5	50	0.4	0.6	0.2	162	1.48
1394554	Rock	1.43	0.013	0.6	35.2	15.2	139	0.2	14.8	18.4	1630	4.94	9	0.4	2.7	61	0.3	0.4	0.2	144	2.26
1394555	Rock	1.66	0.009	0.7	67.9	15.6	139	0.3	15.5	20.2	1459	4.78	7	0.6	2.7	93	0.1	0.4	0.2	152	3.06
1394556	Rock	2.53	1.066	0.9	61.9	10.7	130	0.4	18.4	21.3	1505	4.81	9	0.6	2.8	77	0.2	0.4	0.2	154	3.32
1394557	Rock	2.67	0.171	1.0	26.6	13.1	106	0.6	17.2	20.9	1549	4.77	8	0.4	2.4	130	0.3	0.3	0.3	143	4.35
1394558	Rock	2.24	0.014	0.5	24.0	8.5	100	0.2	19.1	23.1	1338	4.84	6	0.6	2.3	102	<0.1	0.2	0.2	142	3.38
1394559	Rock	2.90	0.011	0.4	28.5	9.9	104	0.2	14.0	20.8	1275	4.65	5	0.5	2.1	105	0.2	0.3	0.3	144	3.41
1394560	Rock	2.50	0.012	0.4	49.4	14.9	159	0.3	10.9	21.4	1555	4.83	7	0.5	2.4	134	0.9	0.8	0.4	204	4.40
1394561	Rock Pulp	0.12	2.116	3.7	38.5	9.5	68	1.0	35.6	16.2	783	4.00	11	0.7	1.9	293	0.5	3.3	0.3	127	2.63
1394562	Rock	1.95	0.014	0.8	73.1	19.3	193	0.3	12.6	23.3	1568	5.42	5	0.4	1.7	138	1.5	0.5	0.3	208	4.85
1394563	Rock	2.33	0.012	0.7	33.5	9.4	87	0.2	10.9	23.2	1427	5.09	7	0.5	2.2	102	0.3	0.4	0.2	171	3.74
1394564	Rock	1.86	0.010	1.1	19.0	16.5	100	0.2	12.1	15.2	920	4.35	6	1.2	4.8	158	0.4	0.5	0.1	98	3.85
1394565	Rock	2.01	0.030	1.2	55.5	12.0	133	0.7	16.7	25.2	1196	5.56	6	0.6	2.1	115	0.2	0.4	0.3	176	3.59
1394566	Rock	2.23	0.040	1.1	66.0	12.0	109	0.6	12.3	19.2	1378	5.33	4	0.4	1.9	108	0.2	0.5	0.3	185	3.81
1394567	Rock	2.02	0.042	1.3	44.2	18.5	187	0.7	17.0	15.7	658	4.13	23	1.1	4.2	65	0.7	1.1	0.5	144	1.28

CERTIFICATE OF ANALYSIS

WHI14000242.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1394531	Rock	0.053	7.7	25	2.80	329	0.106	7.65	2.343	1.33	8.3	10.5	18	0.8	6.7	0.6	<0.1	1	26	29.7	1.0
1394532	Rock	0.062	9.7	14	2.49	42	0.118	7.05	2.285	1.18	6.5	14.0	23	0.7	6.3	0.6	<0.1	<1	23	25.7	2.5
1394533	Rock	0.069	9.0	15	2.69	42	0.166	7.22	1.907	1.13	5.0	13.6	22	0.9	6.7	0.9	<0.1	1	23	28.4	3.1
1394534	Rock	0.043	7.1	31	2.94	128	0.243	7.58	1.146	1.52	32.0	12.9	17	0.7	7.2	1.1	<0.1	<1	27	39.9	1.6
1394535	Rock	0.039	7.4	26	2.78	1252	0.211	8.22	1.547	1.21	2.8	6.0	15	0.6	11.9	1.1	<0.1	<1	26	32.2	0.6
1394536	Rock	0.041	6.7	20	2.68	766	0.248	7.76	2.069	0.76	4.2	7.4	15	0.5	10.5	1.0	<0.1	<1	27	40.4	0.5
1394537	Rock	0.033	4.9	41	3.60	600	0.227	8.30	0.937	1.31	2.7	4.9	11	0.5	7.5	1.0	<0.1	1	34	44.2	1.0
1394538	Rock	0.029	3.2	35	4.02	687	0.109	8.82	1.520	1.64	0.9	3.2	8	0.5	4.6	0.3	<0.1	<1	31	63.3	1.2
1394539	Rock	0.038	4.8	21	2.82	100	0.107	7.90	1.318	1.80	1.9	5.5	12	0.8	5.2	0.5	<0.1	<1	27	42.6	2.4
1394540	Rock	0.033	3.7	26	2.86	123	0.088	7.97	1.510	1.70	4.0	3.4	9	0.4	5.4	0.3	<0.1	<1	27	32.8	2.0
1394541	Rock Pulp	0.061	8.6	51	1.39	474	0.395	6.46	2.339	0.85	23.7	26.8	19	0.8	15.7	4.1	0.3	<1	16	15.1	<0.1
1394542	Rock	0.053	6.5	17	2.01	93	0.093	7.08	1.213	1.75	8.8	9.4	16	0.9	9.0	0.5	<0.1	<1	21	22.5	2.5
1394543	Rock	0.057	5.3	18	2.44	53	0.083	7.20	0.968	1.87	115.2	7.7	13	0.8	8.3	0.3	<0.1	1	20	25.1	3.7
1394551	Rock	0.019	1.8	67	3.47	1066	0.106	7.88	1.276	1.74	1.7	8.6	5	0.5	3.0	0.8	<0.1	1	31	50.9	<0.1
1394552	Rock	0.057	8.6	36	2.73	2061	0.101	8.04	1.112	1.83	1.4	11.6	19	0.8	6.3	0.5	<0.1	1	25	40.1	0.2
1394553	Rock	0.074	8.4	31	2.51	763	0.096	7.46	1.066	2.07	1.7	13.2	20	0.9	7.7	0.7	<0.1	1	20	30.3	0.4
1394554	Rock	0.073	9.4	25	2.28	1020	0.077	7.33	1.129	1.81	1.6	14.4	21	0.8	9.0	0.4	<0.1	<1	19	25.7	0.4
1394555	Rock	0.070	9.5	26	1.94	815	0.070	7.57	1.471	1.73	1.5	11.7	23	1.0	11.7	0.6	<0.1	<1	19	23.1	0.4
1394556	Rock	0.066	9.2	40	1.80	326	0.072	7.79	1.124	2.30	1.2	13.0	22	0.9	9.2	0.3	<0.1	1	21	25.3	0.7
1394557	Rock	0.057	8.1	32	2.23	99	0.070	6.73	0.733	2.31	1.6	15.1	20	0.9	9.0	0.4	<0.1	1	18	16.0	1.7
1394558	Rock	0.060	7.3	36	2.33	124	0.068	6.99	0.929	1.87	1.2	14.2	18	1.0	6.4	0.3	<0.1	1	19	22.5	1.6
1394559	Rock	0.061	7.4	26	1.99	277	0.061	6.69	1.053	1.61	1.6	9.8	18	0.8	7.2	0.4	<0.1	<1	17	22.7	1.2
1394560	Rock	0.056	8.3	13	2.30	546	0.074	8.22	1.734	1.73	1.0	9.2	20	0.9	8.9	0.3	<0.1	1	22	24.2	1.0
1394561	Rock Pulp	0.062	9.7	52	1.44	507	0.388	6.57	2.345	0.88	26.0	28.1	20	1.3	16.1	4.0	0.3	<1	16	18.1	<0.1
1394562	Rock	0.052	7.2	15	2.16	162	0.070	7.77	1.580	1.60	0.9	6.2	16	0.7	8.6	0.3	<0.1	<1	24	23.6	1.4
1394563	Rock	0.052	7.6	17	2.09	60	0.065	6.96	1.254	1.70	0.9	11.3	18	0.9	7.1	0.3	<0.1	<1	20	20.2	1.8
1394564	Rock	0.083	17.0	23	1.63	362	0.068	6.63	0.745	1.75	1.1	15.8	37	0.9	10.3	0.8	<0.1	1	18	20.8	0.6
1394565	Rock	0.058	6.9	29	2.03	49	0.073	6.84	0.886	1.75	1.1	10.3	17	0.9	7.8	0.4	<0.1	<1	24	19.1	2.8
1394566	Rock	0.051	5.1	13	2.10	54	0.079	6.46	1.441	1.47	2.1	10.3	14	0.9	8.0	0.5	<0.1	<1	25	17.7	3.2
1394567	Rock	0.078	13.7	32	1.91	121	0.093	6.40	0.932	1.99	2.0	20.2	30	1.8	6.1	0.9	<0.1	2	18	19.4	1.2

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Project: KSD
Report Date: October 28, 2014

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1394531	Rock	45.6	0.3	0.11	<0.005	<1	<0.5	<0.5
1394532	Rock	43.7	0.4	<0.05	<0.005	<1	<0.5	<0.5
1394533	Rock	41.6	0.4	0.05	<0.005	<1	<0.5	<0.5
1394534	Rock	48.9	0.4	0.06	<0.005	1	0.5	<0.5
1394535	Rock	44.4	0.2	<0.05	<0.005	1	0.8	<0.5
1394536	Rock	29.9	0.3	0.08	<0.005	<1	<0.5	<0.5
1394537	Rock	44.2	0.1	0.06	<0.005	<1	0.8	<0.5
1394538	Rock	28.8	<0.1	<0.05	<0.005	<1	0.6	<0.5
1394539	Rock	51.3	0.2	<0.05	0.008	2	<0.5	<0.5
1394540	Rock	40.4	<0.1	0.05	<0.005	3	<0.5	<0.5
1394541	Rock Pulp	18.5	1.0	0.07	<0.005	<1	<0.5	<0.5
1394542	Rock	54.9	0.3	<0.05	<0.005	2	<0.5	<0.5
1394543	Rock	59.3	0.2	0.12	<0.005	4	<0.5	<0.5
1394551	Rock	22.8	0.2	0.06	<0.005	<1	<0.5	<0.5
1394552	Rock	59.5	0.3	0.07	<0.005	<1	<0.5	<0.5
1394553	Rock	61.0	0.3	<0.05	<0.005	<1	0.5	0.5
1394554	Rock	60.0	0.3	0.06	<0.005	<1	<0.5	<0.5
1394555	Rock	55.4	0.3	<0.05	<0.005	<1	<0.5	<0.5
1394556	Rock	69.6	0.4	0.07	<0.005	1	<0.5	<0.5
1394557	Rock	72.7	0.4	<0.05	<0.005	<1	0.8	<0.5
1394558	Rock	54.5	0.4	<0.05	<0.005	1	0.5	<0.5
1394559	Rock	53.1	0.3	0.07	<0.005	<1	<0.5	<0.5
1394560	Rock	49.6	0.2	0.11	<0.005	<1	<0.5	<0.5
1394561	Rock Pulp	22.1	0.8	<0.05	<0.005	<1	<0.5	<0.5
1394562	Rock	51.3	0.2	0.07	<0.005	<1	<0.5	<0.5
1394563	Rock	54.2	0.4	0.06	<0.005	<1	<0.5	<0.5
1394564	Rock	52.9	0.4	<0.05	<0.005	<1	<0.5	<0.5
1394565	Rock	54.4	0.3	<0.05	<0.005	1	0.5	<0.5
1394566	Rock	52.7	0.3	0.09	<0.005	1	<0.5	<0.5
1394567	Rock	73.2	0.6	<0.05	<0.005	1	<0.5	0.5

CERTIFICATE OF ANALYSIS

WHI14000242.1

	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1394568	Rock	2.56	0.042	1.9	35.3	18.6	117	0.5	21.9	12.4	651	2.47	14	0.7	4.9	31	1.2	0.9	0.2	92	0.36
1394569	Rock	5.47	1.366	1.3	46.0	47.8	185	1.4	21.1	21.4	558	3.91	150	2.6	6.1	63	1.1	1.2	0.8	105	0.24
1394570	Rock	2.25	0.672	1.3	39.9	25.4	119	0.8	12.3	8.9	193	3.52	219	1.8	5.6	67	0.5	1.7	0.4	97	0.22
1394571	Rock	2.76	0.167	0.8	37.6	33.6	314	0.6	15.5	10.6	215	3.47	160	1.5	6.8	67	1.6	1.8	<0.1	109	0.30
1394572	Rock	2.67	0.056	1.1	32.2	53.1	266	0.5	13.3	10.2	494	2.78	28	1.0	5.3	69	1.9	0.9	0.2	89	1.40
1394573	Rock	2.28	0.019	2.0	22.7	19.0	124	0.4	23.4	9.0	287	2.32	13	1.5	6.5	43	0.7	0.7	<0.1	85	0.80
1394574	Rock	2.38	0.177	2.0	26.6	18.4	129	0.5	24.4	9.7	364	2.67	14	2.1	7.0	60	0.5	0.8	<0.1	94	1.26
1394575	Rock	2.72	0.091	2.4	26.9	18.7	130	0.4	25.0	10.0	360	2.61	15	2.1	6.5	59	0.7	0.7	<0.1	94	1.26
1394576	Rock	2.28	0.026	1.5	24.8	21.8	132	0.3	26.3	9.4	467	2.40	13	1.9	7.1	71	1.0	0.6	<0.1	86	1.97
1394577	Rock	1.88	1.053	1.8	27.2	40.7	181	0.4	24.0	9.5	510	2.56	28	1.4	6.5	74	2.1	0.9	0.4	94	1.88
1394578	Rock	2.15	0.182	2.4	33.8	39.9	204	0.5	15.6	12.0	419	3.74	15	1.2	5.0	53	2.0	1.5	0.6	103	1.12
1394579	Rock	2.51	0.098	1.9	31.9	29.1	178	0.8	13.4	11.8	223	3.14	16	1.0	3.8	37	0.7	1.3	0.2	89	0.51
1394580	Rock	2.41	0.076	2.9	84.6	82.3	364	1.1	15.1	17.0	467	4.59	13	1.1	3.9	58	1.5	0.9	0.2	135	0.99
1394581	Rock Pulp	0.06	<0.005	2.9	28.2	5.1	60	0.4	33.3	16.0	789	3.64	7	0.6	1.9	315	<0.1	0.7	<0.1	130	2.81
1394582	Rock	2.67	0.052	1.8	81.8	92.8	329	1.1	13.0	16.3	725	4.67	9	1.2	5.5	77	1.7	0.6	0.2	136	1.75
1394583	Rock	2.33	0.163	2.3	90.7	199.4	480	1.6	13.6	16.4	751	4.35	9	1.0	3.6	155	5.4	1.0	0.3	143	2.32
1394584	Rock	2.39	0.089	1.1	211.9	130.7	1216	1.7	15.5	22.7	1126	5.86	7	1.1	3.6	69	5.8	0.6	0.2	209	1.74
1394585	Rock	2.05	0.043	1.4	86.3	236.4	833	1.2	12.6	23.2	1279	5.80	6	0.8	3.2	79	3.8	0.7	0.5	177	2.13
1394586	Rock	1.91	0.018	1.2	35.9	63.2	235	0.4	12.0	12.5	804	4.45	5	1.6	4.9	86	1.7	0.5	0.3	113	1.54
1394587	Rock	2.30	0.010	1.1	20.4	40.4	150	0.3	9.7	11.5	812	4.17	3	1.3	5.6	80	1.0	0.3	<0.1	95	1.70
1394588	Rock	2.44	0.007	2.2	35.7	30.9	156	0.4	12.8	18.7	927	5.14	4	0.8	3.0	67	1.1	0.7	0.3	161	1.15
1394589	Rock	1.93	0.012	0.7	53.5	15.7	218	0.5	16.6	17.8	1080	5.64	6	0.5	1.6	57	1.0	0.4	<0.1	182	1.10
1394590	Rock	2.14	0.034	2.0	73.0	16.4	204	0.6	16.3	20.7	927	6.53	7	0.8	1.3	52	1.0	0.5	0.2	232	0.47
1394591	Rock	1.46	0.020	1.6	54.4	41.8	355	0.4	12.0	13.8	654	5.19	8	1.1	2.0	74	2.1	0.5	<0.1	181	0.58
1394592	Rock	1.04	0.029	2.0	69.0	66.6	345	0.6	14.3	19.7	728	5.33	8	0.9	2.5	70	3.1	0.6	<0.1	161	0.87
1394593	Rock	1.53	0.080	1.9	67.6	74.5	349	0.6	14.0	19.8	729	5.02	9	0.9	2.9	71	3.6	0.5	0.1	151	1.03
1394594	Rock	1.36	0.028	2.2	61.6	72.7	332	0.7	13.8	22.8	736	5.16	8	0.9	2.5	64	3.8	0.6	0.2	134	1.29
1394595	Rock	3.01	0.027	0.6	23.2	49.5	235	0.4	13.3	20.8	898	4.60	17	1.0	2.6	95	1.7	0.5	0.2	116	2.74
1394596	Rock	3.92	0.043	0.9	22.1	49.5	172	0.4	12.9	20.5	784	4.72	14	1.0	3.3	89	1.8	0.4	0.2	84	2.56
1394597	Rock	2.40	0.331	0.7	16.1	41.9	192	0.2	9.6	14.0	777	3.92	12	1.3	3.0	90	1.6	0.4	0.1	101	2.52

CERTIFICATE OF ANALYSIS

WHI14000242.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	1	0.1
1394568	Rock	0.064	13.8	36	0.68	966	0.080	4.07	0.507	1.75	3.5	13.5	30	1.4	5.8	1.3	<0.1	2	11	11.5	0.3
1394569	Rock	0.094	16.4	38	1.04	3568	0.079	6.20	1.115	2.30	1.6	17.3	37	1.8	7.7	0.6	<0.1	1	16	40.9	<0.1
1394570	Rock	0.081	17.5	38	0.85	3991	0.073	5.97	0.772	2.54	1.6	17.0	38	1.7	4.8	0.6	<0.1	1	16	30.1	0.1
1394571	Rock	0.071	17.2	54	1.06	156	0.109	5.73	0.670	2.54	2.1	17.1	39	1.5	4.9	1.4	<0.1	1	16	26.0	0.7
1394572	Rock	0.065	16.0	36	1.08	121	0.097	5.19	0.645	1.92	3.8	14.0	34	1.2	4.8	1.3	<0.1	1	13	15.7	0.7
1394573	Rock	0.082	17.4	42	0.91	290	0.095	5.26	0.229	2.55	2.6	14.2	37	2.1	4.9	1.1	<0.1	2	9	12.6	0.5
1394574	Rock	0.091	19.7	44	1.02	210	0.103	5.72	0.389	2.50	3.6	17.7	43	1.9	6.4	1.4	<0.1	2	11	13.1	0.6
1394575	Rock	0.095	18.9	43	1.07	165	0.101	5.76	0.330	2.51	2.6	17.3	42	2.1	6.1	1.2	<0.1	2	11	11.5	0.6
1394576	Rock	0.086	22.0	43	0.94	677	0.103	5.87	0.688	2.26	2.6	16.9	44	1.8	6.5	1.6	<0.1	1	10	8.0	0.4
1394577	Rock	0.097	20.0	45	0.92	167	0.098	5.75	0.370	2.80	3.0	15.2	40	1.5	6.4	1.2	<0.1	2	11	7.1	0.6
1394578	Rock	0.080	14.2	43	1.15	65	0.092	6.11	0.606	2.69	3.8	21.0	34	1.6	5.6	1.1	<0.1	2	16	8.6	1.3
1394579	Rock	0.076	9.5	44	0.94	54	0.090	4.76	0.626	2.33	3.4	23.3	26	1.3	4.9	0.9	<0.1	2	13	7.5	1.3
1394580	Rock	0.073	9.5	36	1.83	47	0.088	6.02	0.716	2.38	3.7	21.2	26	1.1	4.7	0.9	<0.1	2	17	15.7	1.8
1394581	Rock Pulp	0.065	9.0	56	1.42	507	0.419	6.48	2.517	0.88	21.7	28.7	19	0.8	15.7	4.4	0.3	1	15	16.9	<0.1
1394582	Rock	0.075	17.3	39	2.41	93	0.093	6.81	1.143	1.76	1.8	21.8	38	1.0	8.5	1.1	<0.1	1	18	21.5	1.2
1394583	Rock	0.067	10.9	33	1.67	50	0.094	6.30	0.689	2.13	2.1	20.8	27	1.2	8.6	1.1	<0.1	2	18	17.3	1.7
1394584	Rock	0.074	12.4	29	3.44	56	0.083	7.75	1.604	1.48	1.4	21.3	28	0.8	7.5	0.6	<0.1	<1	25	30.9	1.9
1394585	Rock	0.070	10.2	26	3.53	82	0.082	7.48	1.573	1.45	1.3	15.1	24	0.9	8.5	0.6	<0.1	<1	21	30.6	1.9
1394586	Rock	0.082	15.3	34	2.60	209	0.070	6.68	1.200	1.52	2.5	15.0	34	1.2	9.8	0.9	<0.1	1	17	23.7	0.8
1394587	Rock	0.082	19.6	32	2.38	283	0.065	6.87	1.338	1.44	2.0	15.1	40	1.1	10.9	0.7	<0.1	2	17	21.2	0.7
1394588	Rock	0.069	8.5	29	3.45	168	0.077	6.89	1.420	1.34	2.2	14.6	20	1.0	6.6	0.7	<0.1	1	18	30.9	1.1
1394589	Rock	0.062	5.8	30	4.72	420	0.064	7.28	1.387	0.82	1.7	14.7	14	0.6	4.8	0.4	<0.1	<1	21	39.5	0.9
1394590	Rock	0.060	4.5	25	5.27	198	0.087	7.70	1.445	0.85	1.7	17.2	11	0.8	3.2	0.5	<0.1	<1	21	49.9	1.5
1394591	Rock	0.068	5.5	23	3.57	172	0.083	6.28	1.006	1.27	1.3	17.4	15	0.9	3.8	0.6	<0.1	<1	17	34.9	0.8
1394592	Rock	0.064	6.7	28	3.14	44	0.077	6.20	1.062	1.29	1.5	17.6	17	0.8	5.5	1.0	<0.1	1	17	29.7	1.7
1394593	Rock	0.062	7.4	26	2.76	40	0.075	6.24	1.079	1.41	1.3	17.6	20	0.7	6.4	0.6	<0.1	<1	17	24.8	1.9
1394594	Rock	0.047	5.3	25	2.20	27	0.076	5.76	1.086	1.43	1.1	20.6	15	0.9	7.5	0.8	<0.1	1	16	18.5	2.9
1394595	Rock	0.053	7.1	17	1.76	37	0.083	6.30	1.215	1.64	1.0	24.4	18	0.9	10.1	0.7	<0.1	1	15	16.9	2.7
1394596	Rock	0.078	9.9	17	1.87	45	0.074	5.95	1.166	1.38	1.2	17.2	23	0.8	10.3	0.9	<0.1	<1	14	17.9	2.4
1394597	Rock	0.061	9.3	19	1.66	57	0.085	5.98	0.960	1.68	0.9	19.4	21	1.0	8.8	0.8	<0.1	<1	14	16.7	1.7

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Project: KSD
Report Date: October 28, 2014

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CERTIFICATE OF ANALYSIS

WHI14000242.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1394568	Rock	64.3	0.5	<0.05	<0.005	<1	<0.5	0.5
1394569	Rock	78.9	0.5	0.07	<0.005	<1	<0.5	0.7
1394570	Rock	87.1	0.5	<0.05	<0.005	1	<0.5	0.9
1394571	Rock	87.5	0.5	<0.05	<0.005	<1	<0.5	0.9
1394572	Rock	71.9	0.4	<0.05	<0.005	<1	<0.5	0.5
1394573	Rock	82.6	0.4	<0.05	<0.005	<1	<0.5	0.7
1394574	Rock	86.5	0.4	<0.05	<0.005	<1	<0.5	0.7
1394575	Rock	83.7	0.6	0.06	<0.005	<1	<0.5	0.7
1394576	Rock	72.2	0.6	0.07	<0.005	<1	<0.5	0.7
1394577	Rock	94.0	0.4	<0.05	<0.005	<1	<0.5	0.8
1394578	Rock	89.9	0.6	0.09	<0.005	2	<0.5	0.9
1394579	Rock	76.8	0.5	0.08	<0.005	2	<0.5	0.9
1394580	Rock	74.0	0.6	0.12	<0.005	1	<0.5	0.9
1394581	Rock Pulp	18.7	1.1	<0.05	<0.005	1	<0.5	<0.5
1394582	Rock	61.3	0.6	0.06	<0.005	<1	<0.5	0.6
1394583	Rock	70.6	0.6	0.08	<0.005	5	<0.5	0.6
1394584	Rock	50.8	0.6	0.07	<0.005	2	<0.5	<0.5
1394585	Rock	33.8	0.4	0.15	<0.005	2	0.5	<0.5
1394586	Rock	43.5	0.4	<0.05	<0.005	<1	<0.5	<0.5
1394587	Rock	48.8	0.4	<0.05	<0.005	<1	<0.5	<0.5
1394588	Rock	28.8	0.4	0.08	<0.005	2	<0.5	<0.5
1394589	Rock	11.2	0.4	0.06	<0.005	1	<0.5	<0.5
1394590	Rock	8.9	0.5	<0.05	0.005	2	0.7	<0.5
1394591	Rock	18.1	0.6	0.12	<0.005	2	<0.5	<0.5
1394592	Rock	37.3	0.5	0.07	0.005	3	<0.5	<0.5
1394593	Rock	50.8	0.4	0.07	<0.005	5	<0.5	<0.5
1394594	Rock	51.1	0.5	0.10	<0.005	4	<0.5	<0.5
1394595	Rock	55.6	0.7	<0.05	<0.005	4	<0.5	<0.5
1394596	Rock	47.2	0.6	<0.05	<0.005	3	<0.5	<0.5
1394597	Rock	58.0	0.5	0.06	<0.005	3	<0.5	<0.5

CERTIFICATE OF ANALYSIS

WHI14000242.1

	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1394598	Rock	2.12	0.028	1.0	22.6	37.6	180	0.3	14.7	24.8	718	5.28	14	1.3	3.1	75	1.2	0.4	0.1	101	2.40
1394601	Rock	1.04	0.171	0.7	122.9	34.7	196	0.6	42.4	34.8	1615	5.57	17	0.4	1.5	82	0.3	2.7	<0.1	224	2.68
1394602	Rock	3.38	0.016	0.9	95.5	25.8	182	0.6	47.6	34.2	1569	4.84	20	0.2	0.9	117	0.6	4.6	<0.1	174	5.95
1394603	Rock	2.06	0.009	0.8	30.3	33.2	141	0.3	54.8	39.4	1493	5.21	8	0.2	0.7	120	0.8	1.0	<0.1	213	6.17
1394604	Rock	2.84	0.170	0.4	32.0	28.2	99	0.3	48.5	37.6	1546	4.94	6	0.2	0.5	160	0.6	0.7	0.1	191	7.81
1394605	Rock	1.87	0.042	0.7	55.1	16.5	171	0.4	21.8	25.0	1413	5.15	8	0.5	1.7	119	0.7	0.4	0.2	212	4.76
1394606	Rock	2.03	0.053	1.0	30.6	14.6	143	0.3	15.4	21.1	1614	4.98	7	0.9	2.8	112	0.4	0.5	0.2	152	3.38
1394607	Rock	2.64	0.006	0.4	47.7	16.2	155	0.2	15.4	23.7	1527	5.02	6	0.8	2.6	141	0.2	0.6	0.2	156	4.10
1394608	Rock	2.42	0.007	0.6	52.8	15.0	162	0.3	18.2	23.2	1334	5.34	9	1.1	3.0	127	0.2	0.5	0.3	178	3.23
1394609	Rock	2.88	0.012	0.8	61.9	11.4	168	0.2	22.3	23.1	1392	5.24	8	0.9	2.9	100	<0.1	0.6	0.2	175	3.18
1394610	Rock	2.42	0.008	1.0	28.9	9.1	131	0.2	20.1	22.2	1549	5.22	7	0.9	2.5	88	0.1	0.4	0.2	165	3.57
1394611	Rock	2.86	0.013	1.0	30.5	9.1	149	0.4	20.6	23.2	1488	5.13	6	0.6	3.0	108	0.4	0.3	0.2	169	3.60
1394612	Rock	1.94	0.700	1.1	37.8	14.4	161	0.6	18.0	20.7	1398	4.74	11	0.6	2.4	87	0.5	0.6	0.2	155	2.98
1394613	Rock	2.18	0.029	0.5	38.1	9.8	153	0.3	17.2	19.9	1157	4.96	7	0.7	3.2	101	0.2	0.4	0.2	166	2.88
1394614	Rock	2.43	0.036	0.6	103.0	15.8	146	0.4	15.3	21.1	935	5.32	13	0.7	2.4	77	0.4	0.7	0.4	149	2.09
1394615	Rock	2.75	0.017	0.5	101.0	20.5	130	0.6	10.6	18.4	982	5.31	11	0.7	2.5	86	0.2	0.7	0.4	138	2.49
1394616	Rock	2.07	0.032	0.7	123.7	24.0	108	1.3	8.1	20.5	1239	5.88	78	0.6	2.5	110	0.4	1.2	0.4	161	3.37
1394617	Rock	2.27	0.170	0.6	70.3	20.2	180	1.3	15.1	24.6	1186	5.60	831	0.6	2.4	115	0.7	4.4	0.3	183	3.09
1394618	Rock	2.28	0.064	0.7	53.5	11.7	188	0.7	15.6	22.0	1143	4.99	260	0.5	2.1	119	0.7	1.4	0.3	178	3.57
1394619	Rock	2.54	0.017	0.6	57.3	8.8	168	0.3	14.7	23.9	1290	5.41	20	0.5	2.0	81	0.3	0.6	0.3	174	3.10
1394620	Rock	2.52	0.012	0.5	30.6	8.6	161	0.3	15.1	22.6	1322	5.41	13	0.8	2.1	96	0.3	0.5	0.3	171	3.31
1394621	Rock Pulp	0.12	1.939	3.4	35.3	9.1	70	0.3	34.0	15.6	809	4.17	11	0.6	1.7	270	0.2	3.1	0.2	138	2.74
1394622	Rock	2.26	0.013	0.8	46.2	8.8	197	0.2	18.8	19.7	1407	5.11	9	0.5	2.3	94	0.5	0.4	0.2	161	3.19
1394623	Rock	1.92	0.016	1.5	15.5	10.2	134	0.2	15.0	22.1	1670	5.73	36	0.4	2.1	68	0.2	0.5	0.4	165	1.94
1394624	Rock	1.66	0.079	0.8	18.2	9.4	114	0.3	12.3	13.7	1415	4.56	32	0.4	1.9	125	0.3	0.4	0.2	135	3.07
1394625	Rock	1.73	0.081	0.8	18.7	8.6	114	0.2	11.9	14.1	1601	4.65	21	0.4	1.8	143	0.3	0.3	0.2	137	3.80
1394626	Rock	0.92	0.023	1.1	36.1	8.6	152	0.3	15.6	15.8	1622	4.94	11	0.5	2.1	104	0.4	0.4	0.4	166	3.49
1394627	Rock	1.66	0.281	0.8	29.2	8.5	139	0.3	13.2	15.4	1588	4.86	9	0.7	2.3	102	0.3	0.3	0.4	159	3.49
1394628	Rock	2.54	0.142	1.0	22.6	8.8	122	0.2	12.5	12.9	1588	4.74	10	0.7	2.0	99	0.3	0.3	0.3	165	3.43
1394629	Rock	2.54	0.279	1.0	23.0	8.5	109	0.2	12.3	16.3	1534	4.75	12	0.7	2.1	95	0.2	0.3	0.3	147	3.47

CERTIFICATE OF ANALYSIS

WHI14000242.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1394598	Rock	0.064	8.3	19	1.46	38	0.077	6.06	1.008	1.75	0.9	30.3	20	1.2	8.8	0.9	<0.1	<1	14	14.0	3.9
1394601	Rock	0.020	7.3	66	3.47	1222	0.085	9.05	1.325	1.91	1.4	8.4	16	0.5	6.5	0.4	<0.1	1	32	44.7	<0.1
1394602	Rock	0.018	3.6	81	3.55	1031	0.075	8.14	1.050	1.46	1.7	5.0	7	0.4	4.4	0.4	<0.1	<1	31	40.5	0.1
1394603	Rock	0.016	3.1	92	3.39	1219	0.077	8.70	1.287	1.76	0.9	4.3	7	0.3	4.7	0.2	<0.1	<1	35	38.9	<0.1
1394604	Rock	0.013	3.1	87	2.85	1335	0.057	8.15	0.952	1.87	1.1	3.2	6	0.4	4.9	0.2	<0.1	<1	34	31.4	0.3
1394605	Rock	0.047	6.3	28	2.70	614	0.080	7.92	1.537	2.05	1.4	8.2	14	0.4	7.9	0.3	<0.1	<1	23	25.5	1.0
1394606	Rock	0.071	9.0	26	2.00	326	0.075	7.14	1.333	1.75	1.8	11.2	21	0.9	11.8	0.6	<0.1	<1	17	21.9	0.9
1394607	Rock	0.071	8.8	26	2.12	596	0.065	7.31	1.565	1.44	1.1	9.4	20	0.8	13.4	0.3	<0.1	<1	19	25.7	0.8
1394608	Rock	0.080	11.5	31	2.47	485	0.071	8.03	1.282	1.85	1.1	11.1	26	1.1	14.7	0.4	<0.1	1	20	28.1	0.9
1394609	Rock	0.073	9.8	46	2.68	373	0.072	7.65	1.291	1.72	1.4	14.4	23	0.9	12.8	0.4	<0.1	2	19	30.8	1.0
1394610	Rock	0.062	9.7	41	2.53	167	0.067	6.99	0.902	1.88	1.7	14.1	23	0.9	10.9	0.6	<0.1	1	18	34.0	1.4
1394611	Rock	0.068	10.1	38	2.57	145	0.072	7.42	0.813	2.33	1.7	15.1	23	0.9	9.4	0.3	<0.1	1	18	25.8	1.3
1394612	Rock	0.063	8.0	36	1.81	336	0.065	7.20	1.189	2.10	1.8	10.6	19	0.8	8.4	0.3	<0.1	2	18	26.3	0.8
1394613	Rock	0.072	11.7	31	2.02	204	0.071	7.57	1.261	2.15	1.9	10.8	27	1.0	7.6	0.4	<0.1	<1	19	30.4	1.0
1394614	Rock	0.088	9.0	26	2.07	140	0.081	7.91	1.648	1.99	1.8	11.9	22	1.0	7.8	0.4	<0.1	<1	19	35.2	1.4
1394615	Rock	0.084	7.8	21	1.89	100	0.084	7.45	1.278	2.17	1.6	11.6	20	1.1	9.8	0.4	<0.1	<1	19	44.9	1.5
1394616	Rock	0.088	9.1	14	1.90	70	0.087	7.37	0.799	2.41	1.6	10.2	22	1.0	10.1	0.6	<0.1	1	21	52.3	2.1
1394617	Rock	0.086	8.0	29	2.30	88	0.154	8.05	1.238	2.52	2.3	9.0	21	0.8	10.0	1.0	<0.1	<1	21	48.6	2.1
1394618	Rock	0.086	7.5	30	2.27	143	0.140	7.32	1.709	1.74	2.6	8.2	19	1.0	8.4	0.8	<0.1	<1	20	54.4	1.6
1394619	Rock	0.073	7.1	25	2.35	95	0.086	7.31	1.470	1.73	1.6	10.9	18	1.0	8.4	0.7	<0.1	<1	19	36.3	1.7
1394620	Rock	0.069	7.0	28	2.39	109	0.074	7.45	1.247	1.87	1.2	12.1	18	1.0	9.4	0.4	<0.1	<1	20	44.8	1.8
1394621	Rock Pulp	0.066	8.4	58	1.46	526	0.421	6.52	2.439	0.97	24.9	29.4	18	1.0	13.9	4.1	0.3	<1	16	18.1	<0.1
1394622	Rock	0.078	8.1	38	2.49	699	0.066	7.55	1.705	1.65	1.1	11.0	20	1.0	11.0	0.5	<0.1	<1	19	37.9	0.8
1394623	Rock	0.086	8.8	26	2.57	331	0.073	6.93	0.722	1.78	1.4	11.3	22	0.9	7.1	0.4	<0.1	<1	19	42.8	1.0
1394624	Rock	0.063	8.2	22	2.07	492	0.063	6.06	0.633	1.74	0.7	11.3	18	0.8	7.4	0.5	<0.1	<1	17	33.4	0.7
1394625	Rock	0.052	6.5	24	2.20	435	0.057	6.17	0.701	1.84	0.7	11.5	16	0.8	7.7	0.3	<0.1	<1	17	31.2	0.8
1394626	Rock	0.067	7.5	33	2.13	130	0.070	7.01	0.997	2.08	1.6	15.6	19	1.1	9.7	0.8	<0.1	1	20	28.2	1.2
1394627	Rock	0.067	8.1	27	2.11	181	0.068	7.41	1.270	1.96	1.7	16.4	21	1.2	8.4	0.3	<0.1	<1	18	23.9	1.3
1394628	Rock	0.063	7.1	29	2.13	296	0.075	7.52	1.208	2.34	1.8	16.7	18	1.1	8.5	0.8	<0.1	1	19	25.3	0.9
1394629	Rock	0.068	7.8	25	2.00	154	0.061	6.84	1.163	1.88	1.8	15.8	19	0.9	8.8	0.3	<0.1	<1	17	23.6	1.4

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Project: KSD
Report Date: October 28, 2014

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1394598	Rock	63.0	0.9	<0.05	0.005	4	<0.5	<0.5
1394601	Rock	41.9	0.2	<0.05	<0.005	<1	<0.5	<0.5
1394602	Rock	49.4	0.1	<0.05	<0.005	2	1.2	<0.5
1394603	Rock	34.3	0.1	0.06	<0.005	<1	<0.5	<0.5
1394604	Rock	62.2	<0.1	<0.05	<0.005	<1	0.6	<0.5
1394605	Rock	56.9	0.3	0.07	<0.005	<1	0.6	<0.5
1394606	Rock	58.3	0.3	<0.05	<0.005	<1	<0.5	<0.5
1394607	Rock	42.8	0.3	0.05	<0.005	<1	<0.5	<0.5
1394608	Rock	55.5	0.3	0.05	<0.005	<1	<0.5	<0.5
1394609	Rock	51.8	0.4	<0.05	<0.005	2	<0.5	<0.5
1394610	Rock	57.7	0.3	<0.05	<0.005	2	<0.5	<0.5
1394611	Rock	77.6	0.4	0.06	<0.005	3	<0.5	<0.5
1394612	Rock	63.2	0.3	0.06	<0.005	<1	<0.5	<0.5
1394613	Rock	81.4	0.3	<0.05	<0.005	2	<0.5	<0.5
1394614	Rock	76.8	0.4	<0.05	<0.005	2	<0.5	0.6
1394615	Rock	71.9	0.3	<0.05	<0.005	2	<0.5	0.5
1394616	Rock	78.0	0.3	<0.05	<0.005	3	<0.5	0.6
1394617	Rock	74.9	0.3	0.10	<0.005	4	<0.5	0.7
1394618	Rock	52.7	0.3	0.05	<0.005	1	<0.5	<0.5
1394619	Rock	50.7	0.2	<0.05	<0.005	1	0.7	<0.5
1394620	Rock	54.3	0.4	0.08	<0.005	2	0.6	<0.5
1394621	Rock Pulp	21.2	1.0	<0.05	<0.005	<1	0.8	<0.5
1394622	Rock	46.9	0.3	<0.05	<0.005	2	<0.5	<0.5
1394623	Rock	60.2	0.4	0.06	<0.005	2	<0.5	<0.5
1394624	Rock	55.8	0.3	0.06	<0.005	1	0.8	<0.5
1394625	Rock	43.8	0.3	0.06	<0.005	1	0.5	<0.5
1394626	Rock	61.0	0.4	0.07	<0.005	2	0.6	<0.5
1394627	Rock	54.2	0.4	0.07	<0.005	2	0.6	<0.5
1394628	Rock	56.7	0.5	0.07	<0.005	<1	<0.5	<0.5
1394629	Rock	50.2	0.4	<0.05	<0.005	2	<0.5	<0.5

CERTIFICATE OF ANALYSIS

WHI14000242.1

	Method	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1394630	Rock	1.35	0.075	0.7	7.3	9.6	95	<0.1	15.8	11.0	1481	5.00	4	0.7	2.0	98	<0.1	0.3	0.2	172	3.34
1394631	Rock	3.27	0.019	0.6	12.2	9.3	90	0.1	12.4	15.6	1590	4.90	5	0.7	2.0	96	0.2	0.2	0.3	170	3.87
1394632	Rock	3.11	0.039	1.0	31.0	9.2	137	0.2	16.1	18.2	1512	5.16	7	0.7	1.9	85	0.2	0.2	0.4	176	3.35
1394633	Rock	2.00	0.020	1.1	14.6	9.7	111	0.2	10.4	18.3	1485	5.12	6	0.7	2.0	77	0.2	0.3	0.4	188	3.36
1394634	Rock	2.02	0.026	1.4	27.0	10.3	155	0.2	18.1	21.6	1374	5.63	5	0.9	2.1	84	0.2	0.4	0.4	175	2.96
1394635	Rock	3.18	0.013	1.0	37.7	10.9	148	0.2	18.5	21.2	1443	5.30	6	0.8	2.3	100	0.3	0.4	0.3	170	3.63
1394636	Rock	2.20	0.012	1.4	14.9	8.6	125	0.1	18.1	23.8	1468	5.47	9	0.8	2.1	78	0.2	0.4	0.3	160	3.21
1394637	Rock	2.30	0.021	0.8	21.6	9.3	99	0.2	13.8	33.5	1462	5.75	10	0.7	2.1	88	0.3	0.3	0.4	129	3.58
1394638	Rock	1.93	0.009	1.1	11.8	6.7	134	0.1	21.1	17.1	1351	5.35	6	0.9	2.0	62	0.1	0.2	0.3	165	2.68
1394639	Rock	2.30	0.015	0.9	33.9	7.6	142	0.2	14.7	18.9	1319	5.28	6	1.0	2.1	73	0.2	0.4	0.3	167	2.95
1394640	Rock	3.30	0.013	0.9	61.1	7.3	152	0.2	14.1	18.8	1228	5.49	5	1.0	2.5	65	0.2	0.4	0.2	168	2.77
1394641	Rock Pulp	0.12	<0.005	2.4	25.0	4.7	60	0.2	31.6	15.1	741	3.73	6	0.6	1.6	279	0.2	0.7	<0.1	130	2.86
1394642	Rock	2.68	0.010	1.1	41.4	7.1	134	0.3	13.8	19.7	1395	5.10	7	0.6	2.1	80	0.1	0.3	0.3	152	3.52
1394643	Rock	3.32	0.010	1.1	63.6	9.6	141	0.3	13.5	26.4	1439	6.11	8	0.9	2.1	92	0.3	0.4	0.4	220	3.68
1394644	Rock	2.51	0.018	1.0	32.0	9.6	123	0.2	12.4	24.6	1509	6.27	7	0.8	1.7	118	0.1	0.3	0.4	246	3.90
1394645	Rock	2.27	0.211	1.4	39.4	10.6	119	0.4	13.7	31.2	1688	6.56	11	0.8	1.9	125	0.2	0.4	0.4	214	4.42
1394646	Rock	2.53	0.353	0.8	31.6	9.6	102	0.3	12.9	29.9	1708	6.27	8	0.6	1.8	125	0.2	0.3	0.4	179	4.57
1394647	Rock	1.98	0.045	1.6	32.8	10.6	117	0.3	14.6	31.0	1608	6.36	9	0.7	2.0	113	0.2	0.3	0.4	190	4.21
1394648	Rock	1.30	0.027	1.4	31.2	10.8	104	0.2	14.7	31.3	1641	6.17	8	0.7	1.9	107	0.3	0.3	0.4	196	4.32

CERTIFICATE OF ANALYSIS

WHI14000242.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1394630	Rock	0.058	7.0	29	2.36	1006	0.066	7.85	1.426	1.81	1.2	18.4	18	1.0	10.4	0.5	<0.1	1	19	24.7	0.6
1394631	Rock	0.064	6.7	27	2.20	175	0.069	6.84	1.089	1.86	1.8	17.3	18	1.1	11.1	0.3	<0.1	<1	18	28.8	1.1
1394632	Rock	0.066	6.5	40	2.35	124	0.070	6.82	0.806	1.93	1.9	15.2	18	0.9	10.7	0.5	<0.1	1	19	28.8	1.6
1394633	Rock	0.059	6.2	20	2.15	70	0.075	6.81	0.831	1.75	1.6	15.3	16	1.0	10.0	0.3	<0.1	<1	19	22.9	2.0
1394634	Rock	0.069	8.1	35	2.60	150	0.069	7.45	1.265	1.65	1.4	12.7	20	0.8	11.9	0.4	<0.1	<1	19	25.0	1.5
1394635	Rock	0.071	7.9	38	2.40	432	0.076	7.57	1.724	1.60	1.6	10.9	20	0.9	13.1	0.4	<0.1	<1	20	24.5	1.1
1394636	Rock	0.075	7.8	37	2.70	116	0.074	7.28	1.076	1.74	1.4	14.0	20	1.0	12.7	0.5	<0.1	1	18	28.4	1.7
1394637	Rock	0.062	6.7	21	2.04	37	0.063	6.23	1.072	1.45	0.8	13.7	17	0.8	11.4	0.3	<0.1	<1	16	22.2	2.7
1394638	Rock	0.060	6.7	46	2.80	188	0.069	7.23	1.303	1.46	1.3	11.6	17	0.9	9.7	0.5	<0.1	<1	18	25.1	1.3
1394639	Rock	0.070	7.0	28	2.46	143	0.070	7.36	1.361	1.63	1.4	13.6	18	0.9	10.4	0.3	<0.1	<1	19	24.2	1.4
1394640	Rock	0.070	8.4	27	2.38	223	0.073	7.79	1.688	1.53	1.6	12.1	21	1.0	11.7	0.6	<0.1	<1	20	22.9	1.3
1394641	Rock Pulp	0.059	8.4	49	1.44	448	0.400	6.54	2.511	0.84	23.1	25.2	18	1.0	14.2	3.7	0.3	1	16	15.2	<0.1
1394642	Rock	0.071	6.6	26	2.18	101	0.071	6.98	1.259	1.70	2.0	13.2	17	1.0	10.1	0.4	<0.1	1	18	31.5	1.7
1394643	Rock	0.061	7.4	23	2.38	166	0.074	8.05	1.709	1.93	1.5	12.4	17	1.2	10.6	0.6	<0.1	<1	22	32.5	1.8
1394644	Rock	0.056	6.0	18	2.49	158	0.074	8.27	1.393	2.29	1.7	9.5	15	1.4	8.9	0.2	<0.1	1	22	30.3	1.8
1394645	Rock	0.055	6.6	23	2.42	96	0.071	7.63	1.039	1.98	1.3	12.0	18	1.1	9.6	0.4	<0.1	1	22	31.3	2.4
1394646	Rock	0.056	6.5	17	2.26	76	0.060	6.96	0.930	1.68	0.7	9.9	16	1.1	9.8	0.2	<0.1	1	19	27.2	2.6
1394647	Rock	0.065	7.5	26	2.34	89	0.064	7.33	1.064	1.88	1.2	11.8	18	1.1	10.4	0.4	<0.1	<1	20	27.7	2.4
1394648	Rock	0.054	6.6	15	2.26	72	0.065	7.03	0.949	1.70	1.1	11.9	16	1.0	9.3	0.3	<0.1	<1	20	25.6	2.4

Bureau Veritas Commodities Canada Ltd.

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Project: KSD
Report Date: October 28, 2014

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1394630	Rock	46.4	0.5	0.10	<0.005	1	0.8	<0.5
1394631	Rock	43.7	0.5	0.10	<0.005	1	0.8	<0.5
1394632	Rock	41.0	0.4	0.06	<0.005	2	<0.5	<0.5
1394633	Rock	46.7	0.4	<0.05	<0.005	2	<0.5	<0.5
1394634	Rock	45.8	0.3	0.10	<0.005	2	<0.5	<0.5
1394635	Rock	41.1	0.3	0.08	<0.005	<1	0.7	<0.5
1394636	Rock	44.9	0.4	0.09	0.005	2	<0.5	<0.5
1394637	Rock	45.3	0.3	<0.05	<0.005	4	<0.5	<0.5
1394638	Rock	36.8	0.4	0.12	<0.005	2	0.5	<0.5
1394639	Rock	42.4	0.3	<0.05	<0.005	2	<0.5	<0.5
1394640	Rock	50.8	0.3	<0.05	<0.005	1	0.6	<0.5
1394641	Rock Pulp	18.7	0.9	<0.05	<0.005	<1	1.0	<0.5
1394642	Rock	53.5	0.4	0.06	<0.005	2	<0.5	<0.5
1394643	Rock	54.5	0.4	0.12	<0.005	1	<0.5	<0.5
1394644	Rock	58.1	0.2	0.11	<0.005	1	<0.5	0.5
1394645	Rock	48.5	0.4	0.14	<0.005	2	0.8	<0.5
1394646	Rock	52.0	0.3	0.07	<0.005	2	0.6	<0.5
1394647	Rock	51.9	0.4	0.09	<0.005	2	<0.5	<0.5
1394648	Rock	44.3	0.3	0.10	<0.005	2	<0.5	<0.5

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																					
1394518	Rock	2.34	0.006	2.9	20.6	19.4	110	0.3	18.6	8.4	491	3.16	8	1.8	7.6	55	0.5	0.4	0.2	72	1.33
REP 1394518	QC		0.007	3.0	20.4	19.5	105	0.3	19.0	8.3	503	3.24	9	2.0	7.8	56	0.5	0.3	0.2	73	1.37
1394519	Rock	2.55	<0.005	3.3	27.5	21.5	106	0.2	25.3	8.3	429	2.75	12	2.1	8.0	47	0.6	0.3	0.2	80	1.11
REP 1394519	QC		<0.005																		
1394541	Rock Pulp	0.12	<0.005	2.8	27.8	5.1	62	1.6	31.1	15.9	760	3.39	6	0.6	1.8	305	0.6	0.9	<0.1	121	2.74
REP 1394541	QC		<0.005																		
1394557	Rock	2.67	0.171	1.0	26.6	13.1	106	0.6	17.2	20.9	1549	4.77	8	0.4	2.4	130	0.3	0.3	0.3	143	4.35
REP 1394557	QC			0.6	27.1	13.1	105	0.5	17.2	22.3	1512	4.80	7	0.5	2.4	130	0.4	0.3	0.3	142	4.36
REP 1394576	QC		0.023																		
1394595	Rock	3.01	0.027	0.6	23.2	49.5	235	0.4	13.3	20.8	898	4.60	17	1.0	2.6	95	1.7	0.5	0.2	116	2.74
REP 1394595	QC			0.8	23.4	49.7	242	0.4	13.9	21.6	950	4.57	17	1.1	2.9	98	1.8	0.5	0.2	118	2.78
1394632	Rock	3.11	0.039	1.0	31.0	9.2	137	0.2	16.1	18.2	1512	5.16	7	0.7	1.9	85	0.2	0.2	0.4	176	3.35
REP 1394632	QC			1.2	29.8	9.2	129	0.2	16.9	20.8	1589	5.39	7	0.7	2.0	79	0.2	0.3	0.4	180	3.52
1394647	Rock	1.98	0.045	1.6	32.8	10.6	117	0.3	14.6	31.0	1608	6.36	9	0.7	2.0	113	0.2	0.3	0.4	190	4.21
REP 1394647	QC		0.032																		
1394648	Rock	1.30	0.027	1.4	31.2	10.8	104	0.2	14.7	31.3	1641	6.17	8	0.7	1.9	107	0.3	0.3	0.4	196	4.32
REP 1394648	QC		0.027																		
Core Reject Duplicates																					
1394531	Rock	1.38	0.009	1.1	24.5	7.7	130	0.2	18.5	24.8	1429	5.10	9	0.9	2.0	140	0.2	0.4	0.2	196	4.15
DUP 1394531	QC		0.011	1.2	28.6	7.3	126	0.2	19.2	24.2	1429	5.21	8	0.9	1.9	143	0.3	0.4	0.2	194	4.16
1394576	Rock	2.28	0.026	1.5	24.8	21.8	132	0.3	26.3	9.4	467	2.40	13	1.9	7.1	71	1.0	0.6	<0.1	86	1.97
DUP 1394576	QC		0.020	1.9	24.9	22.9	131	0.3	28.5	10.4	477	2.55	14	1.9	7.0	71	0.9	0.5	<0.1	93	1.97
1394616	Rock	2.07	0.032	0.7	123.7	24.0	108	1.3	8.1	20.5	1239	5.88	78	0.6	2.5	110	0.4	1.2	0.4	161	3.37
DUP 1394616	QC		0.034	0.5	121.0	23.3	105	1.3	7.4	18.3	1205	5.60	74	0.5	2.4	110	0.4	1.0	0.4	159	3.26
Reference Materials																					
STD OREAS25A-4A	Standard			2.3	35.1	25.0	45	<0.1	47.0	7.9	495	6.37	10	2.8	16.6	48	<0.1	0.6	0.3	156	0.32
STD OREAS25A-4A	Standard			2.3	36.2	27.5	49	0.1	49.1	8.3	516	6.75	12	3.0	16.9	51	<0.1	0.7	0.4	169	0.31
STD OREAS25A-4A	Standard			2.1	31.4	22.5	40	0.1	42.5	7.4	465	6.47	9	2.5	14.5	44	<0.1	0.6	0.3	160	0.29

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
1394518	Rock	0.093	25.8	32	2.17	402	0.114	6.25	1.205	1.94	2.9	47.6	50	1.7	5.9	2.5	0.1	1	13	22.1	0.4
REP 1394518	QC	0.096	26.4	34	2.22	402	0.117	6.42	1.196	2.00	2.9	47.1	51	1.8	5.8	2.5	0.1	1	13	21.1	0.4
1394519	Rock	0.095	26.4	42	1.71	686	0.109	6.32	1.230	2.12	2.3	40.7	52	1.9	6.1	2.5	0.1	1	11	14.7	0.3
REP 1394519	QC																				
1394541	Rock Pulp	0.061	8.6	51	1.39	474	0.395	6.46	2.339	0.85	23.7	26.8	19	0.8	15.7	4.1	0.3	<1	16	15.1	<0.1
REP 1394541	QC																				
1394557	Rock	0.057	8.1	32	2.23	99	0.070	6.73	0.733	2.31	1.6	15.1	20	0.9	9.0	0.4	<0.1	1	18	16.0	1.7
REP 1394557	QC	0.059	8.4	32	2.23	116	0.068	6.74	0.714	2.31	1.6	15.2	21	0.9	8.9	0.4	<0.1	<1	18	15.1	1.7
REP 1394576	QC																				
1394595	Rock	0.053	7.1	17	1.76	37	0.083	6.30	1.215	1.64	1.0	24.4	18	0.9	10.1	0.7	<0.1	1	15	16.9	2.7
REP 1394595	QC	0.055	7.7	18	1.84	32	0.080	6.72	1.237	1.65	0.9	24.4	19	1.1	10.8	0.7	<0.1	1	15	17.3	2.7
1394632	Rock	0.066	6.5	40	2.35	124	0.070	6.82	0.806	1.93	1.9	15.2	18	0.9	10.7	0.5	<0.1	1	19	28.8	1.6
REP 1394632	QC	0.066	7.0	39	2.47	102	0.074	7.29	0.841	1.97	1.9	15.3	18	1.0	10.8	0.5	<0.1	1	20	26.6	1.7
1394647	Rock	0.065	7.5	26	2.34	89	0.064	7.33	1.064	1.88	1.2	11.8	18	1.1	10.4	0.4	<0.1	<1	20	27.7	2.4
REP 1394647	QC																				
1394648	Rock	0.054	6.6	15	2.26	72	0.065	7.03	0.949	1.70	1.1	11.9	16	1.0	9.3	0.3	<0.1	<1	20	25.6	2.4
REP 1394648	QC																				
Core Reject Duplicates																					
1394531	Rock	0.053	7.7	25	2.80	329	0.106	7.65	2.343	1.33	8.3	10.5	18	0.8	6.7	0.6	<0.1	1	26	29.7	1.0
DUP 1394531	QC	0.053	7.5	30	2.78	341	0.104	7.63	2.361	1.29	4.0	11.7	17	0.8	6.4	0.6	<0.1	<1	26	26.7	1.0
1394576	Rock	0.086	22.0	43	0.94	677	0.103	5.87	0.688	2.26	2.6	16.9	44	1.8	6.5	1.6	<0.1	1	10	8.0	0.4
DUP 1394576	QC	0.088	20.4	50	0.91	559	0.094	5.68	0.721	2.67	3.1	17.3	42	2.0	6.4	1.5	<0.1	1	10	8.6	0.4
1394616	Rock	0.088	9.1	14	1.90	70	0.087	7.37	0.799	2.41	1.6	10.2	22	1.0	10.1	0.6	<0.1	1	21	52.3	2.1
DUP 1394616	QC	0.085	8.8	13	1.85	89	0.079	7.23	0.790	2.37	1.6	9.5	22	0.9	9.5	0.4	<0.1	<1	20	54.0	1.9
Reference Materials																					
STD OREAS25A-4A	Standard	0.048	25.4	113	0.32	150	0.887	9.14	0.115	0.47	1.8	151.1	51	4.1	11.0	20.8	1.4	1	14	35.1	<0.1
STD OREAS25A-4A	Standard	0.050	25.8	123	0.34	157	0.946	9.34	0.121	0.50	1.8	159.2	55	4.4	11.4	20.0	1.5	<1	14	40.6	<0.1
STD OREAS25A-4A	Standard	0.047	20.8	106	0.32	139	0.912	8.94	0.129	0.43	1.8	141.2	47	3.9	9.7	18.4	1.4	<1	13	35.7	<0.1

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
Pulp Duplicates								
1394518	Rock	64.9	1.2	<0.05	<0.005	<1	<0.5	0.6
REP 1394518	QC	64.7	1.5	0.07	<0.005	<1	<0.5	0.5
1394519	Rock	70.2	1.2	<0.05	<0.005	<1	<0.5	0.6
REP 1394519	QC							
1394541	Rock Pulp	18.5	1.0	0.07	<0.005	<1	<0.5	<0.5
REP 1394541	QC							
1394557	Rock	72.7	0.4	<0.05	<0.005	<1	0.8	<0.5
REP 1394557	QC	73.7	0.4	0.06	<0.005	1	0.7	<0.5
REP 1394576	QC							
1394595	Rock	55.6	0.7	<0.05	<0.005	4	<0.5	<0.5
REP 1394595	QC	59.4	0.6	0.06	<0.005	3	<0.5	<0.5
1394632	Rock	41.0	0.4	0.06	<0.005	2	<0.5	<0.5
REP 1394632	QC	44.2	0.4	0.05	<0.005	2	0.5	<0.5
1394647	Rock	51.9	0.4	0.09	<0.005	2	<0.5	<0.5
REP 1394647	QC							
1394648	Rock	44.3	0.3	0.10	<0.005	2	<0.5	<0.5
REP 1394648	QC							
Core Reject Duplicates								
1394531	Rock	45.6	0.3	0.11	<0.005	<1	<0.5	<0.5
DUP 1394531	QC	47.1	0.3	0.08	<0.005	<1	<0.5	<0.5
1394576	Rock	72.2	0.6	0.07	<0.005	<1	<0.5	0.7
DUP 1394576	QC	86.4	0.7	<0.05	<0.005	1	<0.5	0.7
1394616	Rock	78.0	0.3	<0.05	<0.005	3	<0.5	0.6
DUP 1394616	QC	78.8	0.3	0.06	<0.005	3	<0.5	0.6
Reference Materials								
STD OREAS25A-4A	Standard	60.7	3.9	0.07	<0.005	2	<0.5	<0.5
STD OREAS25A-4A	Standard	64.1	4.4	0.10	<0.005	2	<0.5	<0.5
STD OREAS25A-4A	Standard	62.2	4.0	0.06	<0.005	3	<0.5	<0.5

QUALITY CONTROL REPORT

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		WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
STD OREAS25A-4A	Standard			2.0	36.3	26.0	45	<0.1	47.4	8.1	496	6.74	12	3.0	15.9	48	0.2	0.5	0.4	160	0.31
STD OREAS45E	Standard			2.7	791.8	21.0	49	0.3	492.7	63.3	594	26.36	19	2.8	14.5	17	<0.1	1.1	0.3	333	0.07
STD OREAS45E	Standard			2.8	827.7	21.0	54	0.4	494.5	65.3	603	25.91	18	3.0	15.8	18	<0.1	1.1	0.3	345	0.08
STD OREAS45E	Standard			2.5	814.8	19.6	47	0.4	494.1	65.7	593	26.66	18	2.6	13.7	17	<0.1	1.1	0.3	331	0.09
STD OREAS45E	Standard			2.5	768.6	19.7	47	0.3	474.0	58.8	565	24.52	17	2.5	13.9	17	<0.1	0.8	0.3	317	0.09
STD OXD108	Standard		0.406																		
STD OXD108	Standard		0.418																		
STD OXD108	Standard		0.429																		
STD OXI121	Standard		1.820																		
STD OXI121	Standard		1.826																		
STD OXI121	Standard		1.775																		
STD OXN117	Standard		7.784																		
STD OXN117	Standard		7.775																		
STD OXN117	Standard		7.691																		
STD OXD108 Expected			0.414																		
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
STD OREAS25A-4A				2.55	33.9	25.2	44.4		45.8	8.2	470	6.6		2.94	15.8	48.5		0.67	0.35	157	0.309
STD OREAS45E Expected				2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	12.9	15.9	0.06	1	0.28	322	0.065
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	0.4	<0.1	<1	<0.1	<0.1	<0.2	5	<0.01	<1	<0.1	<0.1	1	<0.1	<0.1	<0.1	<1	0.01
BLK	Blank			<0.1	<0.1	0.1	<1	<0.1	<0.1	<0.2	1	<0.01	1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01

QUALITY CONTROL REPORT

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		MA200 P %	MA200 La ppm	MA200 Cr ppm	MA200 Mg %	MA200 Ba ppm	MA200 Ti %	MA200 Al %	MA200 Na %	MA200 K %	MA200 W ppm	MA200 Zr ppm	MA200 Ce ppm	MA200 Sn ppm	MA200 Y ppm	MA200 Nb ppm	MA200 Ta ppm	MA200 Be ppm	MA200 Sc ppm	MA200 Li ppm	MA200 S %
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
STD OREAS25A-4A	Standard	0.052	20.3	125	0.31	149	0.961	9.09	0.118	0.48	2.1	155.5	47	3.9	10.7	20.8	1.5	1	13	36.1	<0.1
STD OREAS45E	Standard	0.037	13.3	1091	0.16	274	0.531	7.16	0.053	0.35	1.0	104.2	28	1.4	8.9	6.6	0.6	<1	104	7.0	<0.1
STD OREAS45E	Standard	0.038	12.9	1058	0.16	275	0.546	7.24	0.052	0.35	1.1	104.7	27	1.1	8.6	6.9	0.6	<1	98	6.7	<0.1
STD OREAS45E	Standard	0.033	11.7	1039	0.16	258	0.552	7.15	0.059	0.34	1.2	103.4	26	1.4	8.1	6.7	0.6	<1	96	6.4	<0.1
STD OREAS45E	Standard	0.032	11.4	980	0.15	255	0.548	6.79	0.049	0.31	0.9	96.7	25	1.2	8.4	6.0	0.6	<1	96	6.4	<0.1
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OXD108 Expected																					
STD OXN117 Expected																					
STD OXI121 Expected																					
STD OREAS25A-4A		0.048	21.8	115	0.327	147	0.977	8.87	0.134	0.482	2.1		48.9	4.06	12.3	22.4	1.6	1.02	13.7	36.7	0.051
STD OREAS45E Expected		0.034	11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	23.5	1.32	8.28	6.8	0.54		93	6.58	0.046
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	0.02	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	0.03	0.004	0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Centerra Gold**
1 University Avenue, Suite 1500
Toronto ON M5J 2P1 CANADA

Project: KSD
Report Date: October 28, 2014

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QUALITY CONTROL REPORT

WHI14000242.1

		MA200 Rb ppm 0.1	MA200 Hf ppm 0.1	MA200 In ppm 0.05	MA200 Re ppm 0.005	MA200 Se ppm 1	MA200 Te ppm 0.5	MA200 Tl ppm 0.5
STD OREAS25A-4A	Standard	56.0	4.1	<0.05	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	23.2	3.3	0.10	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	23.5	3.2	<0.05	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	22.8	3.2	0.14	<0.005	4	<0.5	<0.5
STD OREAS45E	Standard	21.1	3.2	0.13	<0.005	2	<0.5	<0.5
STD OXD108	Standard							
STD OXD108	Standard							
STD OXD108	Standard							
STD OXI121	Standard							
STD OXI121	Standard							
STD OXI121	Standard							
STD OXN117	Standard							
STD OXN117	Standard							
STD OXN117	Standard							
STD OXD108 Expected								
STD OXN117 Expected								
STD OXI121 Expected								
STD OREAS25A-4A		61	4.53					0.35
STD OREAS45E Expected		21.2	3.11	0.099		2.97	0.1	0.09
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	0.7	<0.1	<0.05	<0.005	<1	<0.5	<0.5

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Project: KSD
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QUALITY CONTROL REPORT

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		WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	0.6	7.3	4.3	43	<0.1	2.1	4.8	711	2.21	2	1.3	3.3	232	0.1	0.1	<0.1	39	1.65
ROCK-WHI	Prep Blank		<0.005	0.4	6.2	5.1	41	<0.1	1.2	4.8	722	2.28	3	1.3	3.3	237	<0.1	0.2	<0.1	40	1.68

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Project: KSD
Report Date: October 28, 2014

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QUALITY CONTROL REPORT

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		MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
Prep Wash																					
ROCK-WHI	Prep Blank	0.044	16.1	4	0.54	916	0.224	7.48	3.619	1.77	0.4	58.8	30	1.0	18.8	6.6	0.4	<1	7	3.7	<0.1
ROCK-WHI	Prep Blank	0.046	16.4	3	0.57	940	0.233	7.63	3.599	1.96	0.5	62.3	30	0.8	20.1	6.6	0.4	1	7	4.9	<0.1

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Project: KSD
Report Date: October 28, 2014

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QUALITY CONTROL REPORT

WHI14000242.1

		MA200 Rb ppm 0.1	MA200 Hf ppm 0.1	MA200 In ppm 0.05	MA200 Re ppm 0.005	MA200 Se ppm 1	MA200 Te ppm 0.5	MA200 Tl ppm 0.5
Prep Wash								
ROCK-WHI	Prep Blank	42.5	1.9	0.06	<0.005	<1	<0.5	<0.5
ROCK-WHI	Prep Blank	45.6	1.9	<0.05	<0.005	<1	<0.5	<0.5

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Centerra Gold**
1 University Avenue, Suite 1500
Toronto ON M5J 2P1 CANADA

Submitted By: Jodie Gibson
Receiving Lab: Canada-Whitehorse
Received: October 16, 2014
Report Date: October 30, 2014
Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI14000248.1

CLIENT JOB INFORMATION

Project: KSD
Shipment ID: KSD2014-10-16
P.O. Number
Number of Samples: 138

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Centerra Gold
1 University Avenue, Suite 1500
Toronto ON M5J 2P1
CANADA

CC: Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	131	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	138	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
MA200	138	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI14000248.1

	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1368251	Rock	1.96	0.030	1.3	34.6	15.7	103	0.3	17.7	20.0	1465	5.24	11	1.0	3.6	65	0.3	0.6	0.5	167	0.88
1368252	Rock	2.28	0.011	0.5	29.6	13.0	93	0.2	15.0	19.6	1157	5.43	10	0.5	2.7	43	0.3	0.5	0.5	160	0.23
1368253	Rock	2.27	0.019	0.9	28.5	11.0	104	0.3	19.8	20.8	930	6.18	13	0.5	2.7	55	0.3	0.3	0.3	165	0.54
1368254	Rock	2.60	0.157	0.4	23.5	12.1	73	0.4	15.7	17.8	885	5.47	11	0.6	2.9	54	0.3	0.4	0.4	162	0.62
1368255	Rock	2.93	0.104	0.2	34.9	8.3	71	0.3	11.7	17.1	1080	4.98	5	0.4	2.3	82	<0.1	0.4	0.2	142	3.65
1368256	Rock	2.48	0.012	0.3	28.7	8.3	68	0.3	12.1	16.4	953	5.26	8	0.5	2.6	65	<0.1	0.3	0.2	149	1.98
1368257	Rock	2.08	0.020	0.6	34.4	14.6	89	0.4	12.9	16.5	1196	4.95	12	0.5	2.6	82	0.2	0.6	0.2	160	2.46
1368258	Rock	2.59	0.017	0.6	48.5	10.9	103	0.4	13.0	21.8	1275	5.08	7	0.3	1.9	89	0.4	0.3	0.3	164	4.47
1368259	Rock	2.66	0.035	0.9	38.4	14.2	114	0.4	13.1	22.5	1253	5.59	38	0.5	2.1	83	0.3	0.5	0.3	182	2.83
1368260	Rock	3.18	0.025	0.3	36.5	22.7	123	0.4	10.1	23.0	1324	5.36	10	0.5	1.8	105	0.7	0.5	0.3	215	4.85
1368261	Rock Pulp	0.13	<0.005	2.3	24.8	5.2	57	0.6	29.7	15.1	739	3.56	6	0.5	1.6	286	0.3	0.7	0.1	125	2.80
1368262	Rock	2.53	0.025	0.4	40.2	23.8	103	0.3	10.2	24.8	1208	6.13	6	0.4	1.7	109	0.3	0.3	0.2	260	4.29
1368263	Rock	1.89	0.015	0.3	27.2	15.5	104	0.2	8.6	23.9	1310	5.99	7	0.3	1.3	107	0.4	0.3	0.1	252	3.94
1368264	Rock	1.33	0.017	0.3	9.8	19.1	43	0.1	7.6	9.8	670	3.98	7	0.3	2.1	111	0.2	0.6	0.1	126	4.39
1368265	Rock	2.32	0.008	0.4	44.3	19.0	100	0.3	6.3	14.3	1178	4.83	12	0.2	1.6	98	0.5	0.4	0.2	207	4.40
1368266	Rock	2.68	0.405	0.5	33.1	13.7	84	0.8	7.4	12.4	1058	3.65	93	0.5	2.4	88	0.4	0.8	0.3	130	2.90
1368267	Rock	2.14	0.042	1.2	41.0	8.4	92	0.4	8.6	18.2	1369	4.83	39	0.6	2.2	75	0.3	0.8	0.3	159	2.82
1368268	Rock	3.44	0.150	0.5	40.8	11.3	85	0.8	8.8	14.9	1355	4.21	145	0.6	2.6	117	0.3	1.7	0.3	141	3.66
1368269	Rock	3.42	0.027	0.7	64.8	13.0	158	0.4	13.8	25.5	1499	5.77	21	0.3	1.5	77	0.3	0.4	0.3	199	3.66
1368270	Rock	1.25	0.081	0.4	44.7	10.7	127	0.3	10.4	19.6	1701	5.16	17	0.3	1.6	90	0.2	0.5	0.2	174	4.04
1368271	Rock	3.04	0.041	1.1	51.2	12.1	127	0.3	9.9	17.7	2079	4.98	10	0.3	1.7	95	0.4	0.3	0.2	188	3.96
1368272	Rock	3.33	0.867	0.5	59.3	15.5	113	0.5	8.4	17.4	1692	5.03	11	0.2	1.7	112	0.3	0.4	0.2	204	4.21
1368273	Rock	3.09	0.672	0.4	54.5	18.1	122	0.5	9.3	21.0	2007	5.62	12	0.6	2.4	150	0.6	0.5	0.3	196	5.55
1368274	Rock	2.98	0.055	0.3	43.4	18.1	104	0.5	9.6	17.2	1718	4.71	28	0.8	2.1	157	0.5	0.8	0.3	150	4.96
1368275	Rock	2.87	0.059	0.4	45.3	20.0	113	0.5	11.2	23.2	1692	5.59	24	0.6	1.9	133	0.6	0.8	0.3	182	4.74
1368276	Rock	2.52	0.049	0.2	52.0	23.4	135	0.4	10.7	20.2	1520	5.65	10	0.3	1.2	124	0.4	0.4	0.4	240	4.12
1368277	Rock	3.05	0.014	0.4	43.4	23.7	120	0.3	9.2	17.9	1421	5.11	10	0.4	2.2	120	0.4	0.3	0.3	202	4.66
1368278	Rock	3.47	0.016	0.7	42.1	17.2	127	0.3	10.6	18.4	1337	4.91	9	0.4	1.9	89	0.8	0.4	0.2	176	3.75
1368279	Rock	2.49	0.032	0.6	39.5	16.5	139	0.3	10.7	17.4	1252	4.91	7	0.6	2.0	82	0.4	0.3	0.3	177	3.46
1368280	Rock	2.27	0.020	0.5	38.3	14.3	135	0.3	11.7	15.3	1230	4.56	6	0.6	2.3	85	0.4	0.2	0.2	161	3.65

CERTIFICATE OF ANALYSIS

WHI14000248.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1368251	Rock	0.077	12.5	27	1.60	1396	0.085	7.66	1.971	2.15	1.2	27.0	31	1.4	8.2	0.9	<0.1	1	22	35.9	0.2
1368252	Rock	0.091	7.9	24	1.73	1118	0.068	7.06	2.182	1.64	1.1	18.8	21	0.8	7.1	0.5	<0.1	1	21	31.5	0.1
1368253	Rock	0.085	9.0	35	1.28	314	0.062	7.48	2.021	2.21	1.7	16.1	23	0.8	5.9	0.4	<0.1	2	21	25.7	0.8
1368254	Rock	0.083	10.1	28	0.71	1364	0.067	7.83	2.246	2.70	2.0	16.6	25	0.8	6.6	0.4	<0.1	1	22	16.3	0.4
1368255	Rock	0.079	7.1	20	1.42	362	0.059	6.96	1.886	1.80	1.3	19.0	19	0.9	5.5	0.3	<0.1	<1	20	26.6	0.9
1368256	Rock	0.087	9.8	21	1.32	637	0.058	7.81	1.996	1.84	1.0	20.1	25	0.9	6.3	0.3	<0.1	1	22	25.3	0.6
1368257	Rock	0.067	7.9	26	1.12	477	0.085	7.27	1.605	2.17	1.4	19.6	20	1.0	7.6	0.5	<0.1	2	21	25.4	0.9
1368258	Rock	0.059	5.7	17	1.83	91	0.064	6.57	1.556	1.75	1.2	15.3	16	0.8	6.0	0.4	<0.1	<1	21	32.3	2.0
1368259	Rock	0.070	5.9	18	1.95	62	0.063	7.28	1.643	2.16	1.4	18.2	17	0.9	6.3	0.3	<0.1	1	23	42.5	2.2
1368260	Rock	0.057	6.0	10	1.84	105	0.067	7.16	1.755	2.12	1.6	11.6	16	0.7	5.4	0.3	<0.1	1	22	24.4	2.1
1368261	Rock Pulp	0.065	7.4	50	1.42	477	0.324	6.42	2.383	0.85	20.4	26.3	17	0.7	12.5	3.9	0.3	<1	16	14.9	<0.1
1368262	Rock	0.071	5.1	12	2.01	725	0.061	7.57	1.957	1.56	1.3	15.0	14	0.8	4.4	0.3	<0.1	1	25	34.6	1.2
1368263	Rock	0.078	5.0	9	2.00	694	0.064	7.49	2.353	1.39	1.4	9.7	14	0.8	4.7	0.2	<0.1	1	25	33.6	1.2
1368264	Rock	0.126	5.9	7	1.28	424	0.055	7.64	3.998	0.90	0.9	17.1	17	0.4	8.6	0.3	<0.1	1	17	29.2	0.1
1368265	Rock	0.077	4.8	7	1.64	874	0.070	7.60	2.812	1.52	0.9	11.6	14	0.6	4.9	0.3	<0.1	1	23	44.9	0.6
1368266	Rock	0.071	6.5	11	1.22	396	0.057	6.13	2.112	1.47	1.6	17.2	18	0.8	5.5	0.4	<0.1	<1	17	27.1	0.7
1368267	Rock	0.067	6.1	13	2.13	72	0.075	7.54	2.042	1.91	1.5	24.8	17	0.9	6.2	0.5	<0.1	<1	20	45.4	1.6
1368268	Rock	0.062	7.3	14	1.87	132	0.068	6.58	0.900	2.21	1.3	20.7	20	1.3	7.1	0.5	<0.1	<1	18	43.5	1.2
1368269	Rock	0.059	4.5	19	2.80	137	0.070	7.15	1.430	1.63	1.0	10.7	13	0.7	6.3	0.3	<0.1	<1	23	40.6	2.2
1368270	Rock	0.050	6.0	14	2.55	191	0.070	6.51	1.199	1.36	0.5	9.9	15	0.6	6.8	0.3	<0.1	<1	21	34.2	1.6
1368271	Rock	0.055	5.8	16	2.63	412	0.067	6.81	1.389	1.35	1.2	10.4	15	0.7	6.7	0.4	<0.1	<1	22	34.7	1.2
1368272	Rock	0.064	5.6	12	2.32	270	0.071	7.24	1.790	1.60	1.1	9.8	15	0.8	6.3	0.3	<0.1	<1	23	29.6	1.4
1368273	Rock	0.073	8.6	13	2.57	274	0.072	7.37	1.443	1.68	1.2	10.2	21	0.8	8.7	0.4	<0.1	<1	26	45.7	1.9
1368274	Rock	0.053	7.6	12	2.14	480	0.066	6.37	1.227	1.42	0.9	9.8	18	0.5	7.7	0.4	<0.1	<1	19	54.2	1.7
1368275	Rock	0.055	6.7	13	2.39	133	0.068	6.89	1.233	1.63	1.0	10.7	18	0.7	6.6	0.3	<0.1	<1	21	54.5	2.1
1368276	Rock	0.051	4.2	12	2.69	440	0.069	6.80	1.504	1.36	0.8	7.1	12	0.8	5.1	0.3	<0.1	<1	24	35.6	1.4
1368277	Rock	0.053	7.0	12	2.21	653	0.075	7.20	1.626	1.49	0.6	15.0	18	1.0	7.4	0.4	<0.1	<1	22	29.8	1.2
1368278	Rock	0.055	5.9	19	2.47	225	0.073	6.88	1.675	1.47	0.7	16.4	15	0.9	6.6	0.4	<0.1	1	21	29.6	1.4
1368279	Rock	0.054	5.7	19	2.55	182	0.068	6.74	1.563	1.59	0.9	15.9	15	1.0	5.9	0.4	<0.1	1	20	29.8	1.4
1368280	Rock	0.063	6.2	19	2.46	146	0.076	6.75	1.574	1.61	0.7	17.5	17	0.9	6.7	0.5	<0.1	1	20	25.7	1.5

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Project: KSD
Report Date: October 30, 2014

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CERTIFICATE OF ANALYSIS

WHI14000248.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1368251	Rock	63.1	0.7	0.09	<0.005	<1	<0.5	<0.5
1368252	Rock	54.8	0.4	<0.05	<0.005	<1	<0.5	<0.5
1368253	Rock	65.0	0.4	<0.05	<0.005	1	<0.5	<0.5
1368254	Rock	78.3	0.4	0.05	<0.005	<1	<0.5	0.5
1368255	Rock	44.2	0.5	<0.05	<0.005	<1	<0.5	<0.5
1368256	Rock	58.0	0.5	<0.05	<0.005	<1	<0.5	<0.5
1368257	Rock	57.6	0.6	0.09	<0.005	1	<0.5	<0.5
1368258	Rock	44.4	0.4	<0.05	<0.005	1	<0.5	<0.5
1368259	Rock	50.0	0.6	0.06	0.006	1	<0.5	0.5
1368260	Rock	49.6	0.3	<0.05	<0.005	3	<0.5	<0.5
1368261	Rock Pulp	17.3	0.9	<0.05	<0.005	<1	<0.5	<0.5
1368262	Rock	28.9	0.4	0.06	<0.005	1	<0.5	<0.5
1368263	Rock	32.2	0.2	<0.05	<0.005	<1	<0.5	<0.5
1368264	Rock	21.1	0.4	0.05	<0.005	<1	<0.5	<0.5
1368265	Rock	31.8	0.3	<0.05	<0.005	1	<0.5	<0.5
1368266	Rock	42.4	0.5	0.07	<0.005	1	<0.5	<0.5
1368267	Rock	49.2	0.8	0.05	<0.005	<1	<0.5	<0.5
1368268	Rock	44.9	0.5	0.07	<0.005	<1	<0.5	0.6
1368269	Rock	27.7	0.3	<0.05	<0.005	1	<0.5	<0.5
1368270	Rock	44.7	0.3	<0.05	<0.005	<1	0.6	<0.5
1368271	Rock	33.7	0.3	<0.05	<0.005	<1	0.5	<0.5
1368272	Rock	34.4	0.3	<0.05	<0.005	<1	<0.5	<0.5
1368273	Rock	50.0	0.3	0.06	<0.005	1	0.9	<0.5
1368274	Rock	53.4	0.3	0.05	<0.005	<1	0.5	<0.5
1368275	Rock	39.7	0.3	<0.05	<0.005	1	<0.5	<0.5
1368276	Rock	21.8	0.2	0.09	<0.005	1	0.5	<0.5
1368277	Rock	40.3	0.4	<0.05	<0.005	<1	<0.5	<0.5
1368278	Rock	35.1	0.5	<0.05	<0.005	<1	<0.5	<0.5
1368279	Rock	27.2	0.4	0.07	<0.005	<1	<0.5	<0.5
1368280	Rock	37.9	0.4	0.08	<0.005	<1	<0.5	<0.5

CERTIFICATE OF ANALYSIS

WHI14000248.1

	Method	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1368281	Rock Pulp	0.13	2.061	3.6	38.3	8.6	72	0.3	36.3	16.0	783	4.02	10	0.5	1.6	269	0.3	2.9	0.2	131	2.68
1368282	Rock	2.62	0.020	0.4	51.1	18.8	153	0.3	11.2	17.7	1241	4.52	6	0.7	2.6	95	0.7	0.3	0.2	139	4.33
1368283	Rock	2.01	0.022	0.3	47.8	19.0	134	0.4	11.1	17.4	1239	4.41	7	0.6	2.5	88	0.8	0.4	0.2	136	4.41
1368284	Rock	1.25	0.011	0.4	29.8	15.6	108	0.2	11.5	11.7	1114	3.64	5	0.6	2.4	85	0.4	0.4	0.2	117	3.83
1368285	Rock	2.74	0.058	0.8	100.3	21.5	184	1.0	14.3	19.4	1054	6.51	8	0.7	1.6	37	0.3	0.5	0.4	249	0.11
1368286	Rock	1.90	0.071	1.1	72.0	16.9	167	0.8	15.2	16.7	923	5.84	13	0.9	2.3	42	0.3	0.6	0.5	214	0.14
1368287	Rock	3.86	0.040	0.7	32.9	20.1	157	0.7	13.2	13.6	854	4.94	12	0.7	3.6	37	0.6	0.9	0.4	127	0.16
1368288	Rock	2.40	0.072	1.3	28.6	25.8	145	1.5	16.3	11.7	572	3.72	11	0.8	6.0	30	0.6	0.9	0.2	91	0.24
1368289	Rock	2.76	0.043	1.0	35.4	53.2	387	0.9	14.2	11.9	668	4.55	7	1.0	4.8	40	2.5	0.8	0.1	131	0.19
1368290	Rock	2.08	0.037	0.9	75.0	235.0	603	1.1	11.2	12.6	766	5.55	7	0.7	2.6	41	2.1	0.8	0.2	183	0.15
1368291	Rock	2.67	0.027	0.4	40.3	76.4	213	0.4	11.5	14.0	845	4.68	7	1.1	4.2	65	1.5	0.9	0.1	120	0.56
1368292	Rock	2.67	0.024	0.6	41.6	74.6	252	0.5	11.9	15.4	897	4.57	5	1.0	4.2	89	1.5	0.5	0.2	122	2.18
1368293	Rock	1.44	0.022	1.3	70.3	219.6	603	0.9	10.4	14.3	945	4.47	8	0.8	3.9	67	4.3	0.7	0.2	122	1.92
1368294	Rock	2.99	0.023	1.4	161.5	362.7	815	1.1	10.8	14.4	873	4.35	6	1.2	4.2	76	7.8	0.7	0.1	110	2.07
1368295	Rock	2.51	0.032	2.3	85.7	229.0	894	1.0	10.9	11.7	809	4.76	15	0.9	4.7	71	8.6	0.9	0.2	109	1.49
1368296	Rock	2.98	0.017	1.2	42.6	133.2	692	0.5	12.8	13.6	796	4.36	8	0.8	5.1	79	6.5	0.7	<0.1	102	2.01
1368297	Rock	3.10	0.048	1.5	40.2	116.3	551	1.0	11.9	10.6	411	3.69	15	0.8	3.5	215	3.4	0.8	0.1	117	0.57
1368298	Rock	3.04	0.072	2.9	32.9	87.7	445	1.2	12.3	6.5	261	3.70	19	1.3	4.7	172	2.0	1.0	0.2	101	0.17
1368299	Rock	2.30	0.085	1.5	55.0	71.9	1415	1.3	11.7	11.5	421	3.27	13	1.3	1.7	354	15.3	0.8	0.1	97	0.37
1368300	Rock	2.31	0.059	1.4	66.3	41.3	542	1.1	14.3	18.4	875	5.15	17	0.9	2.2	74	7.3	1.4	0.3	155	1.30
1368301	Rock Pulp	0.12	2.053	3.3	36.6	8.9	69	0.4	31.7	15.9	790	3.95	10	0.6	1.6	265	0.2	2.6	<0.1	127	2.64
1368302	Rock	2.90	0.045	0.9	69.3	41.5	344	1.1	13.2	20.2	1124	4.62	18	0.5	1.5	64	2.8	1.0	0.1	134	2.38
1368303	Rock	2.69	0.029	0.8	35.8	67.3	173	0.6	10.5	13.2	823	3.90	11	0.9	3.4	96	1.7	0.9	0.1	94	2.65
1368304	Rock	2.29	0.459	1.0	31.6	56.4	160	0.5	12.6	11.9	684	4.32	8	1.4	3.9	87	1.1	0.7	0.1	95	2.44
1368305	Rock	2.30	0.063	1.1	41.7	44.1	246	0.7	13.0	14.4	516	4.69	14	1.0	3.0	60	1.1	1.1	<0.1	112	1.38
1368306	Rock	2.58	0.055	1.0	158.2	40.5	364	1.5	12.7	18.0	729	5.41	10	1.0	2.5	54	1.2	1.5	<0.1	145	1.79
1368307	Rock	2.16	2.999	0.7	56.9	46.9	203	0.6	9.5	17.5	990	5.07	5	0.6	2.5	108	1.8	0.5	0.1	155	3.03
1368308	Rock	3.42	0.059	0.5	40.6	37.8	169	0.4	8.4	16.4	829	4.80	4	0.5	2.5	83	1.2	0.5	<0.1	148	2.05
1368309	Rock	2.91	0.024	3.4	64.5	28.1	163	0.5	10.9	20.9	1032	5.48	5	0.5	1.5	62	0.8	0.5	<0.1	177	1.39
1368310	Rock	2.68	0.288	2.1	48.9	25.7	314	0.5	13.5	22.9	823	5.72	12	0.7	1.6	58	4.8	0.8	<0.1	180	0.87

CERTIFICATE OF ANALYSIS

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	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1368281	Rock Pulp	0.068	7.3	34	1.44	517	0.338	6.53	2.339	0.89	24.6	28.5	17	1.0	12.3	3.9	0.2	<1	16	15.8	<0.1
1368282	Rock	0.064	7.3	18	2.06	132	0.069	6.57	1.387	1.65	0.6	18.6	19	0.7	7.4	0.6	<0.1	2	19	22.2	1.9
1368283	Rock	0.060	6.5	20	2.05	127	0.071	6.49	1.428	1.59	0.6	16.9	17	0.7	7.0	0.6	<0.1	<1	19	20.1	2.0
1368284	Rock	0.054	6.9	21	1.96	145	0.065	6.13	1.377	1.46	0.5	16.5	16	0.8	7.2	0.7	<0.1	1	17	26.0	1.4
1368285	Rock	0.052	4.7	21	2.44	2682	0.075	7.25	1.812	1.78	0.4	12.8	11	0.8	6.7	0.3	<0.1	1	27	31.4	<0.1
1368286	Rock	0.063	7.3	25	2.25	3098	0.072	6.96	1.578	1.88	0.9	17.0	18	1.0	6.7	0.5	<0.1	1	24	28.4	<0.1
1368287	Rock	0.083	13.0	22	1.71	3086	0.064	6.37	1.341	1.94	1.1	16.7	29	1.3	7.2	0.5	<0.1	1	20	23.3	<0.1
1368288	Rock	0.081	19.4	47	1.26	3044	0.066	5.92	0.973	2.19	1.2	17.8	39	1.5	8.8	0.8	<0.1	1	16	14.8	0.1
1368289	Rock	0.080	14.8	38	1.55	3154	0.069	6.35	1.203	2.00	0.8	17.0	31	1.3	9.4	0.7	<0.1	1	19	19.1	<0.1
1368290	Rock	0.072	7.7	23	2.04	3279	0.060	6.71	1.299	1.81	0.8	13.6	18	1.0	5.6	0.3	<0.1	1	22	23.0	<0.1
1368291	Rock	0.084	15.5	23	1.50	3343	0.066	6.27	0.996	1.94	1.2	12.1	31	1.2	11.4	0.6	<0.1	1	19	18.5	<0.1
1368292	Rock	0.075	14.9	30	1.68	577	0.064	6.70	0.519	1.92	1.1	13.2	31	1.2	10.9	0.6	<0.1	1	19	20.2	0.4
1368293	Rock	0.074	13.1	28	1.89	569	0.062	6.34	0.740	1.78	1.0	18.0	28	1.0	9.3	0.6	<0.1	1	19	23.8	0.4
1368294	Rock	0.079	14.5	29	1.82	446	0.062	6.32	0.479	1.83	1.0	15.5	31	1.0	11.0	0.7	<0.1	1	18	23.0	0.4
1368295	Rock	0.080	15.5	33	1.56	852	0.065	6.46	0.617	1.95	0.8	18.2	32	1.3	9.6	0.6	<0.1	1	18	19.1	0.2
1368296	Rock	0.077	17.3	40	1.65	445	0.062	6.64	0.560	1.97	0.8	15.6	37	1.2	10.4	0.7	<0.1	2	18	21.7	0.3
1368297	Rock	0.073	7.7	38	1.39	137	0.087	5.49	0.613	2.16	1.3	22.5	23	1.4	6.0	0.9	<0.1	2	16	13.7	0.7
1368298	Rock	0.071	11.8	37	1.10	232	0.089	5.04	0.512	2.17	1.4	20.6	29	1.6	4.6	0.9	<0.1	1	14	12.0	0.4
1368299	Rock	0.055	1.9	30	0.95	98	0.080	4.28	0.335	1.86	2.1	21.0	9	1.5	6.6	0.8	<0.1	1	13	16.3	1.0
1368300	Rock	0.058	4.5	24	2.13	94	0.081	6.15	0.750	1.90	1.4	21.4	14	1.6	6.0	0.5	<0.1	1	20	25.7	1.8
1368301	Rock Pulp	0.064	8.1	50	1.43	500	0.332	6.40	2.290	0.92	22.6	26.4	18	1.0	12.9	4.0	0.3	<1	16	15.9	<0.1
1368302	Rock	0.052	3.7	22	2.06	133	0.068	5.72	0.825	1.55	2.0	15.6	11	1.0	5.5	0.3	<0.1	<1	17	23.9	1.6
1368303	Rock	0.068	11.1	21	1.35	189	0.067	5.89	0.779	1.79	2.4	13.0	26	1.4	8.1	0.5	<0.1	1	17	13.6	0.9
1368304	Rock	0.088	12.5	26	1.32	191	0.068	6.58	1.100	1.99	2.4	13.5	30	1.1	7.4	0.5	<0.1	1	19	12.9	0.7
1368305	Rock	0.082	6.7	26	1.48	131	0.094	6.55	0.569	2.44	2.9	20.7	22	1.1	5.7	0.8	<0.1	<1	20	12.3	1.6
1368306	Rock	0.073	5.4	23	2.03	120	0.091	6.61	0.632	2.27	2.8	21.1	18	1.2	5.6	0.8	<0.1	2	21	17.0	2.2
1368307	Rock	0.064	7.6	16	2.50	214	0.063	6.61	0.761	1.98	1.8	12.2	19	0.8	6.1	0.4	<0.1	1	21	24.9	0.7
1368308	Rock	0.070	8.5	14	2.43	126	0.061	6.48	0.738	1.79	1.7	9.9	21	0.7	4.9	0.4	<0.1	<1	18	26.3	1.0
1368309	Rock	0.065	5.1	<1	3.73	203	0.077	6.56	1.040	1.40	1.5	12.6	14	0.8	3.7	0.4	<0.1	1	17	37.8	0.9
1368310	Rock	0.066	5.2	20	3.33	248	0.075	6.76	0.859	1.67	1.2	14.4	15	0.8	4.2	0.4	<0.1	1	18	47.2	0.7

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Project: KSD
Report Date: October 30, 2014

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CERTIFICATE OF ANALYSIS

WHI14000248.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1368281	Rock Pulp	18.6	0.9	<0.05	<0.005	<1	<0.5	<0.5
1368282	Rock	46.7	0.5	0.07	<0.005	<1	<0.5	<0.5
1368283	Rock	45.0	0.5	0.06	<0.005	1	<0.5	<0.5
1368284	Rock	43.8	0.4	0.05	<0.005	1	<0.5	<0.5
1368285	Rock	49.3	0.3	0.07	<0.005	<1	<0.5	<0.5
1368286	Rock	56.8	0.5	0.08	<0.005	1	<0.5	0.5
1368287	Rock	62.6	0.4	0.07	<0.005	<1	<0.5	0.6
1368288	Rock	75.1	0.5	<0.05	<0.005	<1	<0.5	0.7
1368289	Rock	68.7	0.5	0.06	<0.005	<1	<0.5	0.7
1368290	Rock	53.7	0.4	0.08	<0.005	<1	<0.5	0.6
1368291	Rock	59.5	0.3	0.08	<0.005	<1	<0.5	0.7
1368292	Rock	52.0	0.4	0.06	<0.005	1	<0.5	0.6
1368293	Rock	46.1	0.5	0.08	<0.005	1	<0.5	<0.5
1368294	Rock	46.7	0.5	0.07	<0.005	2	<0.5	0.5
1368295	Rock	56.4	0.5	0.06	<0.005	<1	<0.5	0.6
1368296	Rock	50.9	0.4	0.08	<0.005	<1	<0.5	0.5
1368297	Rock	66.0	0.6	0.07	<0.005	1	<0.5	0.7
1368298	Rock	72.3	0.6	0.07	<0.005	2	<0.5	0.8
1368299	Rock	63.7	0.7	0.06	<0.005	2	<0.5	0.7
1368300	Rock	51.3	0.6	<0.05	<0.005	3	<0.5	0.8
1368301	Rock Pulp	19.0	1.0	0.08	<0.005	<1	<0.5	<0.5
1368302	Rock	40.1	0.5	<0.05	<0.005	1	<0.5	0.6
1368303	Rock	53.7	0.4	<0.05	<0.005	2	<0.5	0.6
1368304	Rock	60.5	0.3	0.06	<0.005	<1	<0.5	0.7
1368305	Rock	77.5	0.6	0.07	<0.005	<1	<0.5	0.9
1368306	Rock	65.0	0.6	0.06	<0.005	2	<0.5	0.7
1368307	Rock	37.3	0.3	0.05	<0.005	<1	<0.5	<0.5
1368308	Rock	44.0	0.3	<0.05	<0.005	1	<0.5	<0.5
1368309	Rock	15.7	0.4	0.06	<0.005	<1	<0.5	<0.5
1368310	Rock	24.4	0.4	0.06	<0.005	3	<0.5	<0.5

CERTIFICATE OF ANALYSIS

WHI14000248.1

	Method	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1368311	Rock	3.10	0.052	1.2	79.5	27.8	310	0.8	10.0	18.2	775	4.76	17	0.8	2.3	64	2.8	0.7	<0.1	159	1.63
1368312	Rock	2.71	0.043	1.2	38.4	32.5	148	0.4	9.2	14.6	954	3.94	6	1.2	3.0	93	1.3	0.5	0.1	128	2.90
1368313	Rock	2.30	0.018	0.9	23.9	25.2	126	0.3	9.8	14.5	1014	4.19	6	1.2	3.1	92	0.8	0.3	<0.1	123	2.98
1368314	Rock	2.82	0.016	1.2	23.2	32.8	119	0.3	11.2	16.2	1123	4.56	5	1.1	3.1	87	1.0	0.3	0.1	124	3.05
1368315	Rock	2.80	0.036	1.1	65.2	33.1	277	0.5	11.6	20.4	895	5.31	5	1.1	2.4	59	1.5	0.4	0.1	167	1.85
1368316	Rock	2.81	0.014	0.7	30.3	31.6	158	0.3	12.4	17.1	1075	4.66	4	1.3	3.1	73	1.5	0.4	<0.1	148	2.83
1368317	Rock	2.38	0.016	1.1	18.7	32.1	106	0.3	9.3	14.0	1010	3.69	4	1.1	3.1	79	0.9	0.3	0.1	112	3.23
1368318	Rock	2.48	0.018	1.1	15.6	30.6	140	0.2	9.8	13.4	949	3.94	3	1.3	3.3	66	1.0	0.3	0.1	122	2.76
1368319	Rock	2.61	0.023	1.5	17.5	40.0	210	0.4	11.2	15.3	808	4.24	7	1.6	3.2	55	1.0	0.4	0.6	133	1.96
1368320	Rock	2.99	0.029	1.1	17.4	28.3	184	0.2	12.9	15.6	879	4.18	5	1.2	3.1	66	1.0	0.4	0.4	128	2.57
1368321	Rock Pulp	0.12	<0.005	2.3	24.7	5.0	61	0.2	32.1	14.7	735	3.46	6	0.6	1.5	278	<0.1	0.7	0.1	124	2.76
1368322	Rock	2.24	0.016	1.0	14.2	22.8	134	0.2	9.8	13.4	955	3.60	4	1.3	3.1	59	1.0	0.3	0.1	115	3.17
1368323	Rock	3.06	0.026	1.2	28.6	29.5	182	0.3	10.4	14.2	840	4.07	5	1.5	3.2	53	0.9	0.3	0.2	118	2.63
1368324	Rock	2.24	0.035	1.2	40.7	57.9	249	0.4	10.1	14.7	885	3.96	6	1.4	3.2	57	1.9	0.3	0.3	121	2.77
1368325	Rock	1.86	0.033	0.9	37.2	62.8	255	0.4	10.7	15.6	989	4.08	6	1.4	3.2	59	2.3	0.3	0.3	121	2.99
1368326	Rock	2.38	0.038	1.5	35.8	89.8	273	0.6	7.7	13.4	938	3.51	9	1.0	3.1	64	5.2	0.4	0.4	101	3.43
1368327	Rock	2.09	0.032	1.3	34.6	40.1	248	0.4	11.5	16.0	880	4.36	8	1.1	2.5	59	2.2	0.3	0.2	137	2.76
1368328	Rock	0.96	0.028	0.7	68.2	24.9	282	0.5	15.5	21.7	1467	6.08	10	0.6	1.3	45	0.7	0.5	0.3	237	0.19
1368329	Rock	2.62	0.063	0.7	106.2	16.5	139	1.2	12.6	13.2	664	6.06	6	0.3	1.2	35	0.2	0.3	0.2	270	0.10
1368330	Rock	1.28	0.051	0.3	146.1	21.8	137	1.2	13.9	15.0	1219	6.14	4	0.3	1.2	23	0.3	0.4	0.3	242	0.09
1368331	Rock	2.64	0.055	0.5	126.5	21.2	127	1.0	13.1	20.0	1603	6.27	4	0.5	1.7	25	0.4	0.3	0.2	236	0.08
1368332	Rock	3.07	0.051	0.3	137.9	22.0	127	1.0	11.5	15.8	954	6.24	3	0.5	1.6	27	0.2	0.3	0.2	252	0.08
1368333	Rock	2.42	0.048	0.9	140.6	28.7	141	1.0	11.1	16.5	1248	6.33	4	0.6	1.2	24	0.5	0.4	0.2	226	0.09
1368334	Rock	2.50	0.081	0.8	167.6	33.7	158	1.3	12.2	11.4	595	6.41	5	0.5	1.2	30	0.3	0.4	0.3	247	0.08
1368335	Rock	1.96	0.048	0.7	103.3	29.9	256	1.0	11.5	9.4	390	6.21	6	0.5	1.5	37	0.3	0.5	0.2	236	0.11
1368336	Rock	2.82	0.042	0.5	106.0	250.6	793	1.5	11.5	14.5	586	5.26	7	0.7	3.7	35	1.3	1.2	0.5	175	0.18
1368337	Rock	2.19	0.109	2.1	162.6	5226.3	620	8.0	4.6	5.1	195	5.00	3	0.6	2.5	152	0.7	2.6	1.8	128	0.07
1368338	Rock	2.56	0.156	1.4	973.1	7544.0	>10000	14.8	5.3	11.2	845	5.00	4	0.6	1.3	48	138.4	5.4	2.3	138	0.46
1368339	Rock	3.15	0.203	3.2	679.8	6750.4	>10000	11.1	7.7	15.2	1077	5.24	1	0.7	1.6	32	174.4	3.2	2.0	129	0.27
1368340	Rock	3.02	0.106	1.2	432.2	3266.5	>10000	5.3	10.2	19.7	1369	4.59	3	0.6	2.1	32	154.5	1.8	0.9	150	0.67

CERTIFICATE OF ANALYSIS

WHI14000248.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1368311	Rock	0.060	6.6	20	2.24	60	0.078	6.54	0.826	2.29	2.2	19.1	19	0.9	5.8	0.6	<0.1	2	18	26.6	1.8
1368312	Rock	0.058	7.9	20	1.81	84	0.075	6.93	1.104	2.64	3.0	28.4	22	1.3	6.4	0.7	<0.1	1	18	12.8	1.7
1368313	Rock	0.060	8.6	19	1.91	84	0.075	6.69	1.219	2.33	2.3	31.7	23	1.4	6.4	0.7	<0.1	1	17	15.8	1.9
1368314	Rock	0.061	7.7	20	2.04	73	0.072	6.71	1.230	2.16	2.5	30.6	21	1.5	6.5	0.7	<0.1	1	18	18.7	2.3
1368315	Rock	0.058	6.5	19	2.94	62	0.078	6.84	0.994	1.93	2.1	24.2	19	0.9	5.0	0.6	<0.1	1	20	25.8	2.4
1368316	Rock	0.068	7.3	19	2.14	78	0.082	7.32	1.667	2.24	2.5	28.7	21	1.4	6.0	0.7	<0.1	1	20	19.6	2.3
1368317	Rock	0.051	7.1	18	1.64	72	0.071	6.27	1.328	1.92	2.8	26.0	19	1.2	5.5	0.7	<0.1	1	16	13.7	1.7
1368318	Rock	0.059	8.2	20	1.71	74	0.076	6.90	1.270	2.33	2.3	28.6	22	1.3	5.4	0.7	<0.1	<1	17	16.2	1.9
1368319	Rock	0.066	8.2	21	1.63	52	0.105	6.98	1.419	2.50	3.0	42.9	22	1.6	5.3	1.1	<0.1	2	18	13.6	2.7
1368320	Rock	0.059	7.1	20	1.69	61	0.105	6.57	1.508	2.38	2.7	41.0	20	1.5	5.8	1.3	<0.1	1	17	13.8	2.4
1368321	Rock Pulp	0.066	7.0	57	1.42	460	0.341	6.26	2.393	0.84	20.8	27.3	16	0.9	12.2	4.0	0.3	<1	16	15.6	<0.1
1368322	Rock	0.053	7.0	16	1.58	82	0.092	6.19	1.138	2.17	2.7	33.8	19	1.3	6.9	1.0	<0.1	<1	16	14.4	2.0
1368323	Rock	0.057	7.3	17	1.46	73	0.093	6.56	1.404	2.17	2.9	38.4	20	1.3	6.0	0.9	<0.1	1	16	15.2	2.6
1368324	Rock	0.058	8.0	18	1.42	76	0.094	6.45	1.197	2.24	2.7	39.2	21	1.2	6.4	1.0	<0.1	1	16	14.2	2.4
1368325	Rock	0.056	7.7	20	1.49	69	0.090	6.54	1.177	2.25	2.5	38.5	20	1.3	6.8	0.9	<0.1	1	16	16.0	2.5
1368326	Rock	0.049	7.2	16	1.08	64	0.090	5.38	0.979	1.93	2.7	37.7	19	1.3	6.6	1.1	<0.1	1	13	10.9	2.7
1368327	Rock	0.056	6.5	21	1.58	52	0.106	6.15	1.036	2.17	3.2	40.3	18	1.5	5.6	1.1	<0.1	1	17	17.4	3.0
1368328	Rock	0.049	3.5	21	2.29	2656	0.081	6.84	1.421	1.92	0.8	12.8	10	0.8	5.8	0.6	<0.1	1	23	31.3	0.1
1368329	Rock	0.053	2.5	15	2.22	2771	0.075	6.94	2.141	1.73	0.8	12.1	7	0.6	3.3	0.3	<0.1	<1	27	24.6	<0.1
1368330	Rock	0.053	2.6	15	2.38	2321	0.077	6.28	2.680	1.19	1.0	12.8	7	0.6	4.1	0.4	<0.1	<1	26	25.4	0.1
1368331	Rock	0.058	3.6	13	2.15	900	0.069	6.73	2.161	1.52	0.8	16.4	11	0.7	5.2	0.3	<0.1	<1	26	24.6	0.3
1368332	Rock	0.053	3.4	11	2.25	2209	0.078	6.66	1.864	1.60	0.8	16.1	10	0.8	4.2	0.4	<0.1	<1	27	23.7	0.1
1368333	Rock	0.054	2.5	10	2.03	2039	0.072	5.98	2.145	1.26	0.7	13.7	7	0.6	5.7	0.4	<0.1	<1	25	23.1	0.1
1368334	Rock	0.058	3.1	12	2.24	2050	0.068	6.30	2.337	1.25	0.7	12.8	9	0.5	4.2	0.3	<0.1	<1	27	24.0	0.1
1368335	Rock	0.078	3.4	18	1.99	2334	0.075	6.59	1.771	1.67	0.6	14.5	10	0.8	4.1	0.4	<0.1	<1	26	24.5	0.2
1368336	Rock	0.079	10.3	34	1.39	4968	0.096	6.29	1.426	2.19	1.3	13.4	23	1.0	4.5	0.6	<0.1	2	19	25.1	<0.1
1368337	Rock	0.062	7.0	21	0.69	538	0.067	4.69	0.513	1.92	1.7	20.7	17	1.4	2.4	0.6	<0.1	2	17	10.5	0.2
1368338	Rock	0.049	2.8	15	0.72	59	0.074	4.26	0.314	1.93	1.7	22.7	11	1.4	5.7	0.6	<0.1	2	16	6.6	1.5
1368339	Rock	0.055	3.3	18	1.09	72	0.064	4.93	0.402	1.78	1.8	21.9	12	1.1	6.4	0.5	<0.1	2	17	12.3	1.9
1368340	Rock	0.066	5.1	21	1.62	114	0.073	5.43	0.520	1.85	2.0	21.3	17	1.2	8.2	0.6	<0.1	1	18	17.7	1.7

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Project: KSD
Report Date: October 30, 2014

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1368311	Rock	66.2	0.5	0.07	<0.005	3	<0.5	<0.5
1368312	Rock	64.4	0.8	0.05	<0.005	1	<0.5	0.5
1368313	Rock	56.5	0.9	<0.05	<0.005	<1	<0.5	<0.5
1368314	Rock	54.4	0.8	0.07	<0.005	1	<0.5	<0.5
1368315	Rock	53.5	0.7	0.06	<0.005	2	<0.5	<0.5
1368316	Rock	53.2	0.8	<0.05	<0.005	3	<0.5	<0.5
1368317	Rock	50.7	0.7	<0.05	<0.005	1	<0.5	<0.5
1368318	Rock	54.8	0.8	0.07	<0.005	1	<0.5	<0.5
1368319	Rock	65.0	1.1	0.09	<0.005	2	<0.5	<0.5
1368320	Rock	53.5	1.0	0.05	<0.005	1	<0.5	<0.5
1368321	Rock Pulp	15.3	0.9	<0.05	<0.005	<1	<0.5	<0.5
1368322	Rock	49.6	1.0	0.07	<0.005	1	<0.5	<0.5
1368323	Rock	52.1	0.9	0.09	<0.005	2	<0.5	<0.5
1368324	Rock	47.2	1.0	<0.05	<0.005	2	<0.5	<0.5
1368325	Rock	47.1	1.0	0.09	<0.005	2	<0.5	<0.5
1368326	Rock	48.7	1.0	<0.05	<0.005	2	<0.5	<0.5
1368327	Rock	35.3	1.2	<0.05	<0.005	1	<0.5	<0.5
1368328	Rock	44.0	0.3	0.07	<0.005	<1	<0.5	<0.5
1368329	Rock	49.9	0.3	<0.05	<0.005	<1	<0.5	<0.5
1368330	Rock	34.6	0.4	0.08	<0.005	<1	<0.5	<0.5
1368331	Rock	45.2	0.5	<0.05	<0.005	<1	<0.5	<0.5
1368332	Rock	49.5	0.5	0.07	<0.005	<1	<0.5	<0.5
1368333	Rock	37.1	0.5	<0.05	<0.005	<1	<0.5	<0.5
1368334	Rock	37.2	0.4	0.06	<0.005	<1	0.5	<0.5
1368335	Rock	51.1	0.4	0.06	<0.005	2	<0.5	<0.5
1368336	Rock	68.6	0.4	<0.05	<0.005	<1	0.5	0.7
1368337	Rock	68.7	0.6	0.06	<0.005	9	0.9	0.6
1368338	Rock	65.5	0.6	0.09	<0.005	18	1.0	0.6
1368339	Rock	62.1	0.6	0.12	<0.005	20	0.8	0.5
1368340	Rock	61.1	0.5	0.16	<0.005	14	<0.5	0.6

CERTIFICATE OF ANALYSIS

WHI14000248.1

	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1368341	Rock Pulp	0.12	2.052	3.6	35.9	11.0	78	0.5	34.1	15.1	783	4.03	10	0.4	1.3	248	0.2	2.6	0.2	129	2.65
1368342	Rock	4.28	0.048	0.7	195.1	1060.8	3826	2.2	10.5	15.3	1118	4.65	2	0.4	2.6	58	42.3	1.3	0.4	122	2.41
1368343	Rock	3.33	0.025	0.5	69.8	329.6	944	0.9	11.3	13.5	1086	4.23	3	0.5	3.3	76	9.3	0.8	0.1	108	3.70
1368344	Rock	3.08	0.016	0.8	48.2	192.5	674	0.6	11.0	12.9	839	4.29	4	0.7	3.3	67	5.9	0.8	<0.1	120	2.66
1368345	Rock	3.28	0.021	0.6	54.6	136.2	388	0.5	10.7	15.3	755	4.51	5	0.7	3.0	73	3.3	0.8	0.1	134	2.38
1368346	Rock	3.69	0.020	0.6	51.1	109.4	302	0.6	10.3	18.1	1066	4.79	3	0.4	1.5	67	2.2	0.5	<0.1	160	2.83
1368347	Rock	3.13	0.074	1.2	57.5	92.5	276	0.8	12.3	14.7	951	4.43	16	1.0	2.9	88	2.0	1.0	<0.1	138	3.38
1368348	Rock	2.92	0.080	0.7	39.4	91.1	257	0.7	14.5	15.4	1226	4.47	12	0.4	2.1	98	2.4	0.7	0.1	136	4.35
1368349	Rock	2.04	0.023	0.6	26.4	50.2	166	0.3	16.1	17.4	1236	4.56	5	0.4	1.8	83	1.1	0.3	<0.1	141	3.97
1368350	Rock	2.03	0.012	0.5	26.5	48.7	132	0.3	16.1	16.3	1007	4.73	5	0.5	2.0	83	0.7	0.3	<0.1	146	3.55
1368351	Rock	2.00	0.012	0.5	24.1	32.7	145	0.3	15.7	13.2	849	4.53	7	0.3	2.0	94	0.8	0.4	<0.1	155	3.44
1368352	Rock	2.23	0.027	0.3	22.3	30.5	87	0.3	14.7	12.2	945	4.13	10	0.4	2.3	116	0.4	0.6	<0.1	144	4.52
1368353	Rock	1.95	0.016	0.5	20.2	32.7	112	0.2	13.5	12.3	957	4.17	6	0.3	2.4	91	0.8	0.4	<0.1	140	4.21
1368354	Rock	2.59	0.020	0.8	47.9	43.3	173	0.4	12.8	13.1	1190	4.22	6	0.5	3.3	98	1.3	0.5	0.2	143	3.78
1368355	Rock	1.84	0.014	0.9	22.8	34.0	162	0.3	9.3	11.4	996	3.48	4	0.9	3.4	74	1.4	0.4	0.2	121	3.87
1368356	Rock	2.23	0.010	1.5	19.3	34.2	109	0.3	9.1	13.2	995	3.91	6	0.9	3.6	77	0.8	0.3	0.1	127	3.63
1368357	Rock	2.70	0.020	1.5	49.0	35.1	217	0.4	13.1	12.0	770	3.92	6	1.0	3.5	61	0.6	0.3	0.2	140	2.58
1368358	Rock	1.99	0.012	1.2	28.1	36.5	142	0.3	9.8	14.2	840	3.96	6	0.7	3.6	67	0.8	0.3	0.3	110	3.24
1368359	Rock	2.48	0.008	1.0	19.4	27.5	115	0.2	10.0	10.9	881	3.53	7	0.6	3.1	71	0.4	0.3	0.2	107	3.19
1368360	Rock	2.18	0.010	0.8	17.5	26.2	83	0.2	5.8	8.0	600	3.18	5	0.8	4.3	65	0.4	0.4	0.1	71	2.49
1368361	Rock Pulp	0.07	0.005	2.5	26.7	5.5	62	0.3	32.1	15.5	736	3.57	7	0.6	1.5	254	0.2	0.8	<0.1	131	2.81
1368362	Rock	2.16	0.014	0.8	27.9	37.8	117	0.4	9.1	12.7	818	3.99	5	1.0	4.3	84	0.9	0.6	0.2	95	3.36
1368363	Rock	1.10	0.014	1.1	40.2	35.9	171	0.4	10.8	17.3	1095	4.90	8	0.8	3.2	93	1.0	0.4	0.2	148	3.68
1368364	Rock	1.66	0.014	0.9	38.6	24.6	194	0.3	11.5	19.6	1265	5.70	6	0.5	1.9	81	0.7	0.3	0.3	239	3.48
1368365	Rock	2.33	0.016	0.6	31.9	15.2	155	0.3	12.8	22.2	1295	5.86	5	0.5	1.3	71	0.2	0.2	0.3	276	3.12
1368366	Rock	2.10	0.014	0.6	31.4	13.8	122	0.2	10.6	19.8	1248	5.43	6	0.7	2.1	78	0.2	0.3	0.3	206	3.08
1368367	Rock	1.81	0.018	0.7	47.6	14.6	121	0.3	11.5	22.3	1359	5.98	3	0.5	1.7	83	0.2	0.3	0.3	248	3.52
1368368	Rock	1.73	0.018	0.6	53.1	23.5	111	0.3	10.8	20.0	1296	6.39	2	0.6	2.0	143	0.3	0.3	0.3	256	3.80
1368369	Rock	2.18	0.017	0.8	97.1	29.9	123	0.4	11.1	21.8	1313	6.68	4	0.5	1.9	134	0.8	0.5	0.3	301	3.73
1368370	Rock	1.86	0.013	0.6	51.0	32.4	280	0.2	12.7	18.9	1263	5.44	1	0.5	1.4	100	2.1	0.5	0.2	244	3.54

CERTIFICATE OF ANALYSIS

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	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1368341	Rock Pulp	0.063	6.1	50	1.42	480	0.327	6.06	2.336	0.91	23.8	29.3	14	1.0	11.2	4.0	0.3	<1	15	15.4	<0.1
1368342	Rock	0.082	7.3	24	1.56	132	0.064	5.63	0.740	1.54	1.9	16.4	20	0.9	8.2	0.7	<0.1	<1	18	20.5	1.5
1368343	Rock	0.083	9.5	5	1.54	142	0.065	5.71	0.947	1.51	1.6	15.2	23	0.9	8.4	0.8	<0.1	1	17	23.0	1.0
1368344	Rock	0.078	9.6	29	1.36	156	0.065	5.73	0.785	1.70	1.9	24.8	23	0.8	7.7	0.8	<0.1	1	18	24.6	0.7
1368345	Rock	0.074	10.8	24	1.65	129	0.078	5.90	0.965	1.53	1.4	14.1	24	0.6	7.3	0.6	<0.1	1	19	33.3	1.3
1368346	Rock	0.048	4.4	15	1.94	45	0.070	5.31	1.031	1.34	2.2	11.0	12	0.5	5.5	0.4	<0.1	<1	20	28.9	2.1
1368347	Rock	0.067	7.6	27	1.53	82	0.086	6.09	0.798	2.26	2.9	18.4	21	1.1	6.7	0.9	<0.1	1	19	29.3	1.8
1368348	Rock	0.071	5.8	27	1.71	77	0.084	6.23	1.410	2.19	1.8	15.3	16	0.9	6.9	0.7	<0.1	1	18	20.0	1.9
1368349	Rock	0.074	5.2	31	1.99	97	0.080	6.62	1.827	1.99	1.7	19.0	14	1.0	5.6	0.5	<0.1	<1	19	20.9	1.8
1368350	Rock	0.082	6.0	30	1.90	91	0.068	6.91	2.255	1.63	1.1	15.5	17	1.2	5.7	0.4	<0.1	1	20	23.4	1.8
1368351	Rock	0.080	5.5	31	1.89	227	0.064	7.12	2.368	1.59	1.4	16.7	16	1.1	6.3	0.4	<0.1	2	21	32.6	1.4
1368352	Rock	0.078	6.4	26	1.80	367	0.066	7.13	2.398	1.50	1.3	15.3	17	1.0	8.4	0.5	<0.1	1	21	33.4	1.3
1368353	Rock	0.067	6.0	22	1.73	104	0.076	6.71	2.298	1.55	1.2	17.8	16	1.0	8.1	0.7	<0.1	<1	19	28.7	1.5
1368354	Rock	0.067	9.1	28	1.83	181	0.090	7.19	1.639	2.15	1.6	21.7	23	1.1	9.1	0.9	<0.1	1	17	25.3	1.9
1368355	Rock	0.055	8.5	21	1.50	81	0.087	6.46	1.365	1.88	2.1	26.1	23	1.5	10.0	1.0	<0.1	<1	15	16.6	1.9
1368356	Rock	0.055	9.4	20	1.55	58	0.081	6.48	1.509	1.88	1.7	32.8	26	1.2	10.8	0.9	<0.1	<1	15	16.4	2.3
1368357	Rock	0.062	9.6	34	1.73	105	0.088	6.73	1.047	2.25	1.9	29.1	25	1.4	9.7	1.0	<0.1	2	16	19.7	1.8
1368358	Rock	0.054	7.8	19	1.34	57	0.086	6.38	1.458	1.98	1.7	29.5	22	1.6	10.9	1.0	<0.1	<1	14	18.9	2.3
1368359	Rock	0.055	8.3	20	1.27	76	0.084	5.84	1.208	1.85	2.1	27.8	21	1.3	9.8	0.9	<0.1	<1	13	17.1	1.8
1368360	Rock	0.056	11.6	18	0.85	81	0.079	6.44	1.787	1.84	1.7	28.2	29	1.3	10.3	1.0	<0.1	<1	11	11.6	1.7
1368361	Rock Pulp	0.057	7.3	54	1.40	452	0.379	6.20	2.414	0.84	20.6	27.4	16	1.0	14.0	4.0	0.2	<1	15	15.4	<0.1
1368362	Rock	0.063	10.8	25	1.22	61	0.083	6.02	1.301	1.75	1.5	24.3	27	1.3	10.0	1.0	<0.1	2	14	17.3	2.2
1368363	Rock	0.060	8.0	22	1.73	49	0.082	6.58	1.521	1.73	1.1	18.3	20	1.0	9.9	0.7	<0.1	2	17	19.8	2.7
1368364	Rock	0.048	4.7	20	2.38	65	0.089	7.16	1.499	2.07	1.4	12.0	13	0.8	8.0	0.5	<0.1	<1	21	27.8	2.6
1368365	Rock	0.040	3.6	18	2.82	118	0.086	7.78	1.491	1.93	1.1	8.8	11	0.7	7.1	0.4	<0.1	1	23	30.8	2.2
1368366	Rock	0.054	5.6	17	2.40	91	0.085	7.43	1.758	1.71	1.4	15.4	15	1.1	9.8	0.4	<0.1	<1	21	23.2	2.2
1368367	Rock	0.052	5.2	16	2.53	156	0.084	7.29	1.754	1.43	1.5	8.9	14	0.7	9.5	0.3	<0.1	<1	23	26.8	2.1
1368368	Rock	0.058	7.3	14	2.36	512	0.075	7.32	1.589	1.21	1.3	8.3	18	0.8	12.4	0.3	<0.1	1	24	27.6	1.4
1368369	Rock	0.051	6.0	14	2.49	497	0.083	7.54	1.464	1.42	1.5	7.4	16	0.9	11.1	0.3	<0.1	2	25	28.6	1.3
1368370	Rock	0.051	4.4	19	2.27	443	0.080	7.26	1.571	1.67	1.2	7.7	12	0.7	9.1	0.4	<0.1	<1	21	26.6	1.3

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Project: KSD
Report Date: October 30, 2014

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1368341	Rock Pulp	13.8	1.0	0.06	<0.005	<1	<0.5	<0.5
1368342	Rock	40.1	0.4	0.09	<0.005	6	0.6	0.6
1368343	Rock	44.5	0.4	<0.05	<0.005	2	<0.5	<0.5
1368344	Rock	40.3	0.4	<0.05	<0.005	2	<0.5	0.6
1368345	Rock	36.8	0.4	0.11	<0.005	<1	<0.5	0.6
1368346	Rock	31.5	0.3	<0.05	<0.005	2	<0.5	<0.5
1368347	Rock	50.3	0.5	<0.05	0.007	1	<0.5	0.6
1368348	Rock	51.4	0.5	0.08	<0.005	2	<0.5	0.5
1368349	Rock	44.9	0.6	<0.05	<0.005	1	<0.5	<0.5
1368350	Rock	39.1	0.4	<0.05	<0.005	<1	<0.5	<0.5
1368351	Rock	36.8	0.4	<0.05	<0.005	1	<0.5	<0.5
1368352	Rock	40.0	0.4	<0.05	<0.005	<1	0.5	<0.5
1368353	Rock	40.2	0.5	0.07	<0.005	2	<0.5	<0.5
1368354	Rock	46.1	0.6	0.07	<0.005	1	<0.5	0.6
1368355	Rock	55.1	0.8	<0.05	0.009	2	<0.5	0.5
1368356	Rock	57.1	1.0	<0.05	0.009	<1	<0.5	<0.5
1368357	Rock	51.8	0.9	0.05	0.009	<1	<0.5	<0.5
1368358	Rock	56.8	0.8	0.06	<0.005	<1	<0.5	<0.5
1368359	Rock	53.9	0.8	0.14	<0.005	2	<0.5	<0.5
1368360	Rock	59.8	0.8	0.06	<0.005	2	<0.5	0.5
1368361	Rock Pulp	14.5	1.1	<0.05	<0.005	1	<0.5	<0.5
1368362	Rock	52.2	0.7	<0.05	<0.005	1	<0.5	0.5
1368363	Rock	54.0	0.5	<0.05	<0.005	4	<0.5	<0.5
1368364	Rock	43.8	0.3	0.08	<0.005	1	<0.5	<0.5
1368365	Rock	38.1	0.3	0.09	<0.005	<1	<0.5	0.5
1368366	Rock	42.7	0.5	0.06	0.005	<1	<0.5	<0.5
1368367	Rock	35.7	0.3	0.07	0.009	3	<0.5	<0.5
1368368	Rock	29.9	0.3	0.08	<0.005	<1	<0.5	<0.5
1368369	Rock	32.1	0.2	0.10	<0.005	<1	0.5	<0.5
1368370	Rock	32.6	0.2	0.08	<0.005	<1	<0.5	<0.5

CERTIFICATE OF ANALYSIS

WHI14000248.1

	Method	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1368371	Rock	1.92	0.012	1.2	52.0	29.9	696	0.3	14.2	15.4	1081	5.24	2	0.7	1.4	71	6.6	0.4	0.2	240	2.42
1368376	Rock	2.53	0.045	1.0	65.2	16.8	155	0.8	15.8	13.2	763	5.46	10	0.7	2.8	39	0.2	0.6	0.4	204	0.12
1368377	Rock	3.03	0.041	0.7	24.6	23.5	151	0.5	10.2	9.2	620	4.81	11	0.9	4.2	34	0.4	0.8	0.3	107	0.19
1368378	Rock	2.78	0.138	0.8	23.1	23.1	125	0.9	13.7	12.1	602	3.93	14	1.0	5.4	34	0.3	0.9	0.2	97	0.29
1368379	Rock	2.73	0.058	0.9	26.4	35.1	190	1.8	16.0	15.2	538	3.60	17	2.0	5.9	39	1.3	0.8	0.2	98	0.28
1368380	Rock	3.29	0.036	1.0	39.3	165.4	768	1.0	15.6	24.9	1142	4.00	10	1.3	5.6	68	7.3	0.8	0.3	110	0.64
1368381	Rock Pulp	0.13	1.889	3.5	34.3	9.0	68	0.3	35.8	15.4	760	3.96	9	0.5	1.5	256	0.3	2.8	0.2	137	2.69
1368382	Rock	2.67	0.018	0.4	55.3	74.8	574	0.6	14.5	11.9	623	4.92	6	0.9	3.9	51	4.4	0.7	<0.1	149	0.23
1368383	Rock	2.42	0.019	0.5	76.2	121.9	710	0.7	9.2	8.4	662	5.03	5	0.5	2.9	29	0.8	0.5	0.3	155	0.08
1368384	Rock	2.92	0.013	0.3	62.6	62.4	669	0.3	7.8	2.9	303	4.53	3	0.4	2.5	36	1.9	0.5	<0.1	155	0.09
1368385	Rock	2.99	0.137	0.4	31.4	50.4	319	0.3	11.6	12.2	783	4.09	6	0.6	3.8	74	2.8	0.5	<0.1	122	2.43
1368386	Rock	2.99	0.016	0.4	38.2	47.0	433	0.3	12.7	20.0	1117	5.21	5	0.6	3.3	86	2.9	0.4	0.2	178	2.88
1368387	Rock	3.27	0.053	1.6	235.8	482.6	1076	2.4	13.5	25.4	1394	6.12	5	0.5	1.9	73	5.6	0.4	0.7	217	2.32
1368388	Rock	2.97	0.044	0.9	114.6	533.1	758	1.9	14.9	25.5	1221	5.74	3	0.3	1.3	61	5.8	0.3	0.5	227	2.48
1368389	Rock	2.95	0.024	0.7	57.6	86.3	569	0.6	13.5	26.2	1602	5.97	5	0.4	1.4	64	3.9	0.4	0.1	218	3.40
1368390	Rock	2.97	0.021	0.6	42.6	77.6	628	0.5	12.8	25.7	1341	6.92	4	0.6	1.5	59	3.8	0.3	0.2	254	2.32
1368391	Rock	2.12	0.027	1.3	77.5	82.2	781	0.7	15.2	27.3	1400	6.37	5	1.3	2.2	56	5.6	0.7	<0.1	207	1.95
1368392	Rock	2.23	0.268	1.9	47.0	26.4	336	0.6	17.2	17.9	894	4.66	8	0.9	3.5	74	2.3	0.8	0.1	142	2.42

CERTIFICATE OF ANALYSIS

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	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1368371	Rock	0.050	4.3	29	2.39	476	0.089	7.80	1.829	1.87	1.3	9.9	12	0.8	7.6	0.3	<0.1	2	22	27.4	1.3
1368376	Rock	0.063	8.7	33	2.16	2863	0.090	6.47	1.279	1.95	1.5	18.7	21	0.9	6.9	0.6	<0.1	<1	21	22.9	<0.1
1368377	Rock	0.089	12.7	30	1.55	2714	0.065	6.05	1.104	1.90	0.7	18.3	29	0.9	8.6	0.5	<0.1	2	17	16.6	<0.1
1368378	Rock	0.083	18.3	38	1.26	2847	0.069	6.01	1.147	2.16	1.0	17.3	40	1.0	11.6	0.7	<0.1	2	15	15.0	<0.1
1368379	Rock	0.075	17.1	46	1.06	2645	0.079	5.66	0.800	2.38	1.2	17.7	39	1.7	11.0	0.9	<0.1	2	14	10.8	0.2
1368380	Rock	0.082	19.4	47	1.34	3494	0.072	5.85	1.106	1.96	1.2	17.2	43	1.3	15.9	0.7	<0.1	1	15	15.9	0.2
1368381	Rock Pulp	0.068	7.0	57	1.42	465	0.381	6.34	2.361	0.89	24.2	27.8	17	1.0	14.3	4.0	0.3	<1	15	14.6	<0.1
1368382	Rock	0.072	11.4	42	1.87	3384	0.079	6.23	1.380	1.74	1.0	15.1	27	1.0	8.4	0.7	<0.1	2	18	20.8	0.1
1368383	Rock	0.065	7.5	28	1.79	2683	0.065	5.82	1.373	1.48	0.9	14.8	18	0.6	5.5	0.6	<0.1	2	19	18.3	<0.1
1368384	Rock	0.060	7.8	28	1.39	2807	0.070	6.15	1.787	1.62	0.9	13.0	19	0.7	4.7	0.5	<0.1	<1	18	13.0	<0.1
1368385	Rock	0.075	13.0	28	1.41	569	0.058	6.50	0.865	1.93	1.6	12.6	29	0.8	10.4	0.4	<0.1	1	18	12.6	0.6
1368386	Rock	0.071	10.5	35	2.28	91	0.088	6.85	0.457	2.35	1.6	16.1	26	1.1	10.1	0.7	<0.1	<1	21	21.4	2.0
1368387	Rock	0.055	6.6	23	3.17	83	0.083	6.98	0.674	1.63	0.9	14.3	18	0.7	7.7	0.5	<0.1	1	23	33.9	2.3
1368388	Rock	0.047	4.6	21	2.91	86	0.081	7.04	0.807	1.69	0.9	7.4	13	0.8	7.3	0.3	<0.1	<1	23	32.9	2.5
1368389	Rock	0.041	4.5	20	2.74	78	0.093	6.36	0.221	1.86	1.6	8.2	13	1.0	8.6	0.6	<0.1	2	23	30.7	2.5
1368390	Rock	0.047	5.3	17	2.99	80	0.092	7.38	0.715	1.88	0.9	9.8	15	0.7	8.5	0.4	<0.1	<1	26	30.7	2.4
1368391	Rock	0.056	6.8	18	3.39	149	0.082	7.07	0.386	1.72	0.9	17.5	18	0.8	7.9	0.5	<0.1	<1	21	44.0	1.8
1368392	Rock	0.064	12.0	36	2.90	539	0.081	6.17	0.983	1.29	1.1	29.3	27	0.9	7.3	0.9	<0.1	<1	16	40.6	0.9

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Project: KSD
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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1368371	Rock	41.8	0.3	0.09	0.006	1	<0.5	<0.5
1368376	Rock	62.1	0.6	0.06	<0.005	<1	<0.5	<0.5
1368377	Rock	65.0	0.6	0.10	<0.005	<1	<0.5	0.6
1368378	Rock	73.3	0.6	<0.05	<0.005	<1	<0.5	0.7
1368379	Rock	81.0	0.5	0.11	<0.005	<1	<0.5	0.7
1368380	Rock	67.2	0.6	0.08	<0.005	<1	<0.5	0.7
1368381	Rock Pulp	17.0	0.9	<0.05	<0.005	<1	<0.5	<0.5
1368382	Rock	54.2	0.4	<0.05	<0.005	1	<0.5	0.6
1368383	Rock	49.4	0.4	<0.05	<0.005	<1	<0.5	<0.5
1368384	Rock	52.3	0.4	<0.05	<0.005	1	<0.5	<0.5
1368385	Rock	58.7	0.3	0.06	<0.005	2	<0.5	0.5
1368386	Rock	53.5	0.4	<0.05	<0.005	2	<0.5	0.6
1368387	Rock	36.1	0.4	<0.05	0.007	2	0.5	<0.5
1368388	Rock	39.7	0.3	0.13	<0.005	5	0.5	<0.5
1368389	Rock	30.3	0.2	0.09	<0.005	3	<0.5	<0.5
1368390	Rock	45.5	0.3	0.12	<0.005	2	<0.5	<0.5
1368391	Rock	30.7	0.5	0.12	<0.005	1	<0.5	<0.5
1368392	Rock	34.0	0.8	<0.05	<0.005	2	<0.5	<0.5

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																					
1368262	Rock	2.53	0.025	0.4	40.2	23.8	103	0.3	10.2	24.8	1208	6.13	6	0.4	1.7	109	0.3	0.3	0.2	260	4.29
REP 1368262	QC		0.047																		
1368264	Rock	1.33	0.017	0.3	9.8	19.1	43	0.1	7.6	9.8	670	3.98	7	0.3	2.1	111	0.2	0.6	0.1	126	4.39
REP 1368264	QC			0.2	12.0	19.3	45	0.1	7.2	10.0	665	3.81	7	0.3	2.1	112	0.3	0.6	0.1	124	4.41
1368275	Rock	2.87	0.059	0.4	45.3	20.0	113	0.5	11.2	23.2	1692	5.59	24	0.6	1.9	133	0.6	0.8	0.3	182	4.74
REP 1368275	QC		0.055																		
1368276	Rock	2.52	0.049	0.2	52.0	23.4	135	0.4	10.7	20.2	1520	5.65	10	0.3	1.2	124	0.4	0.4	0.4	240	4.12
REP 1368276	QC		0.039																		
1368299	Rock	2.30	0.085	1.5	55.0	71.9	1415	1.3	11.7	11.5	421	3.27	13	1.3	1.7	354	15.3	0.8	0.1	97	0.37
REP 1368299	QC			1.7	59.1	73.4	1415	1.2	11.9	12.1	380	3.28	14	1.4	1.6	349	15.1	0.9	0.1	96	0.40
1368335	Rock	1.96	0.048	0.7	103.3	29.9	256	1.0	11.5	9.4	390	6.21	6	0.5	1.5	37	0.3	0.5	0.2	236	0.11
REP 1368335	QC			0.8	106.5	31.8	267	0.9	11.8	9.3	373	6.21	6	0.5	1.4	38	0.3	0.5	0.2	238	0.12
1368337	Rock	2.19	0.109	2.1	162.6	5226.3	620	8.0	4.6	5.1	195	5.00	3	0.6	2.5	152	0.7	2.6	1.8	128	0.07
REP 1368337	QC		0.127																		
1368345	Rock	3.28	0.021	0.6	54.6	136.2	388	0.5	10.7	15.3	755	4.51	5	0.7	3.0	73	3.3	0.8	0.1	134	2.38
REP 1368345	QC		0.019	0.5	57.9	136.7	403	0.6	11.2	15.4	779	4.70	4	0.8	3.2	77	3.2	0.9	<0.1	136	2.41
1368370	Rock	1.86	0.013	0.6	51.0	32.4	280	0.2	12.7	18.9	1263	5.44	1	0.5	1.4	100	2.1	0.5	0.2	244	3.54
REP 1368370	QC			0.9	50.9	33.4	276	0.2	13.1	19.5	1265	5.46	4	0.4	1.3	97	1.9	0.3	0.2	249	3.61
Core Reject Duplicates																					
1368260	Rock	3.18	0.025	0.3	36.5	22.7	123	0.4	10.1	23.0	1324	5.36	10	0.5	1.8	105	0.7	0.5	0.3	215	4.85
DUP 1368260	QC		0.027	0.2	36.8	23.0	128	0.3	9.9	21.9	1321	5.40	12	0.6	1.9	102	0.7	0.5	0.3	212	4.83
1368298	Rock	3.04	0.072	2.9	32.9	87.7	445	1.2	12.3	6.5	261	3.70	19	1.3	4.7	172	2.0	1.0	0.2	101	0.17
DUP 1368298	QC		0.075	2.8	32.0	86.9	466	1.3	12.4	6.7	264	3.77	20	1.3	4.7	172	2.0	1.2	0.2	99	0.18
1368336	Rock	2.82	0.042	0.5	106.0	250.6	793	1.5	11.5	14.5	586	5.26	7	0.7	3.7	35	1.3	1.2	0.5	175	0.18
DUP 1368336	QC		0.041	0.6	104.8	239.0	757	1.4	11.9	15.0	576	5.07	5	0.7	4.2	35	1.4	1.0	0.7	171	0.16
1368378	Rock	2.78	0.138	0.8	23.1	23.1	125	0.9	13.7	12.1	602	3.93	14	1.0	5.4	34	0.3	0.9	0.2	97	0.29
DUP 1368378	QC		0.147	0.6	22.6	22.2	118	0.7	12.4	11.0	568	3.80	16	1.0	5.3	33	0.5	0.7	0.2	97	0.29
Reference Materials																					

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Method Analyte Unit MDL		MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
Pulp Duplicates																					
1368262	Rock	0.071	5.1	12	2.01	725	0.061	7.57	1.957	1.56	1.3	15.0	14	0.8	4.4	0.3	<0.1	1	25	34.6	1.2
REP 1368262	QC																				
1368264	Rock	0.126	5.9	7	1.28	424	0.055	7.64	3.998	0.90	0.9	17.1	17	0.4	8.6	0.3	<0.1	1	17	29.2	0.1
REP 1368264	QC	0.131	5.8	7	1.29	440	0.058	7.47	3.800	0.88	0.9	18.1	17	0.5	6.8	0.3	<0.1	<1	17	28.4	0.1
1368275	Rock	0.055	6.7	13	2.39	133	0.068	6.89	1.233	1.63	1.0	10.7	18	0.7	6.6	0.3	<0.1	<1	21	54.5	2.1
REP 1368275	QC																				
1368276	Rock	0.051	4.2	12	2.69	440	0.069	6.80	1.504	1.36	0.8	7.1	12	0.8	5.1	0.3	<0.1	<1	24	35.6	1.4
REP 1368276	QC																				
1368299	Rock	0.055	1.9	30	0.95	98	0.080	4.28	0.335	1.86	2.1	21.0	9	1.5	6.6	0.8	<0.1	1	13	16.3	1.0
REP 1368299	QC	0.052	2.0	28	0.95	106	0.079	4.52	0.329	1.95	2.1	21.9	9	1.7	6.5	0.9	<0.1	2	13	16.7	1.0
1368335	Rock	0.078	3.4	18	1.99	2334	0.075	6.59	1.771	1.67	0.6	14.5	10	0.8	4.1	0.4	<0.1	<1	26	24.5	0.2
REP 1368335	QC	0.079	3.2	18	1.96	2553	0.076	6.34	1.838	1.72	0.8	15.5	10	0.7	4.1	0.4	<0.1	<1	25	25.5	0.2
1368337	Rock	0.062	7.0	21	0.69	538	0.067	4.69	0.513	1.92	1.7	20.7	17	1.4	2.4	0.6	<0.1	2	17	10.5	0.2
REP 1368337	QC																				
1368345	Rock	0.074	10.8	24	1.65	129	0.078	5.90	0.965	1.53	1.4	14.1	24	0.6	7.3	0.6	<0.1	1	19	33.3	1.3
REP 1368345	QC	0.067	10.2	25	1.70	143	0.077	5.98	0.977	1.66	1.6	14.6	24	0.8	8.4	0.8	<0.1	<1	19	32.3	1.3
1368370	Rock	0.051	4.4	19	2.27	443	0.080	7.26	1.571	1.67	1.2	7.7	12	0.7	9.1	0.4	<0.1	<1	21	26.6	1.3
REP 1368370	QC	0.052	4.7	17	2.31	412	0.080	7.26	1.546	1.56	1.1	7.8	12	0.8	8.6	0.3	<0.1	1	22	27.2	1.4
Core Reject Duplicates																					
1368260	Rock	0.057	6.0	10	1.84	105	0.067	7.16	1.755	2.12	1.6	11.6	16	0.7	5.4	0.3	<0.1	1	22	24.4	2.1
DUP 1368260	QC	0.060	6.1	10	1.82	77	0.072	7.16	1.743	2.14	1.3	12.1	17	0.8	5.8	0.3	<0.1	1	23	23.5	2.1
1368298	Rock	0.071	11.8	37	1.10	232	0.089	5.04	0.512	2.17	1.4	20.6	29	1.6	4.6	0.9	<0.1	1	14	12.0	0.4
DUP 1368298	QC	0.076	12.6	37	1.09	232	0.087	5.21	0.503	2.20	1.4	22.1	30	1.7	4.8	0.9	<0.1	1	14	11.3	0.3
1368336	Rock	0.079	10.3	34	1.39	4968	0.096	6.29	1.426	2.19	1.3	13.4	23	1.0	4.5	0.6	<0.1	2	19	25.1	<0.1
DUP 1368336	QC	0.082	10.2	34	1.39	4715	0.094	6.38	1.393	2.16	1.1	13.0	23	1.1	4.3	0.9	<0.1	1	19	27.1	<0.1
1368378	Rock	0.083	18.3	38	1.26	2847	0.069	6.01	1.147	2.16	1.0	17.3	40	1.0	11.6	0.7	<0.1	2	15	15.0	<0.1
DUP 1368378	QC	0.079	16.7	37	1.26	2699	0.066	6.14	1.097	2.18	1.0	17.5	37	1.0	11.0	0.6	<0.1	2	16	13.7	<0.1
Reference Materials																					

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Project: KSD
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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
Pulp Duplicates								
1368262	Rock	28.9	0.4	0.06	<0.005	1	<0.5	<0.5
REP 1368262	QC							
1368264	Rock	21.1	0.4	0.05	<0.005	<1	<0.5	<0.5
REP 1368264	QC	20.4	0.5	<0.05	<0.005	<1	<0.5	<0.5
1368275	Rock	39.7	0.3	<0.05	<0.005	1	<0.5	<0.5
REP 1368275	QC							
1368276	Rock	21.8	0.2	0.09	<0.005	1	0.5	<0.5
REP 1368276	QC							
1368299	Rock	63.7	0.7	0.06	<0.005	2	<0.5	0.7
REP 1368299	QC	64.9	0.7	0.05	<0.005	2	<0.5	0.7
1368335	Rock	51.1	0.4	0.06	<0.005	2	<0.5	<0.5
REP 1368335	QC	47.4	0.4	0.07	<0.005	2	<0.5	<0.5
1368337	Rock	68.7	0.6	0.06	<0.005	9	0.9	0.6
REP 1368337	QC							
1368345	Rock	36.8	0.4	0.11	<0.005	<1	<0.5	0.6
REP 1368345	QC	36.9	0.5	0.07	<0.005	2	<0.5	0.6
1368370	Rock	32.6	0.2	0.08	<0.005	<1	<0.5	<0.5
REP 1368370	QC	31.4	0.2	0.10	<0.005	<1	<0.5	<0.5
Core Reject Duplicates								
1368260	Rock	49.6	0.3	<0.05	<0.005	3	<0.5	<0.5
DUP 1368260	QC	53.7	0.3	<0.05	<0.005	2	<0.5	<0.5
1368298	Rock	72.3	0.6	0.07	<0.005	2	<0.5	0.8
DUP 1368298	QC	74.4	0.6	<0.05	<0.005	3	<0.5	0.8
1368336	Rock	68.6	0.4	<0.05	<0.005	<1	0.5	0.7
DUP 1368336	QC	69.1	0.4	0.07	<0.005	1	<0.5	0.6
1368378	Rock	73.3	0.6	<0.05	<0.005	<1	<0.5	0.7
DUP 1368378	QC	69.1	0.5	<0.05	<0.005	1	<0.5	0.6
Reference Materials								

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		WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
STD OREAS25A-4A	Standard			2.3	36.2	24.7	42	<0.1	46.7	7.7	491	6.69	9	2.6	14.4	42	<0.1	0.6	0.2	153	0.28
STD OREAS25A-4A	Standard			2.5	34.2	25.3	46	<0.1	46.0	7.9	486	6.62	10	2.6	14.1	40	<0.1	0.6	0.2	162	0.28
STD OREAS25A-4A	Standard			2.3	33.4	24.6	42	<0.1	45.0	7.4	479	6.57	10	2.6	13.6	41	0.1	0.5	0.5	161	0.28
STD OREAS25A-4A	Standard			2.3	31.6	25.7	44	<0.1	48.0	7.7	473	6.70	14	2.8	14.5	43	<0.1	0.6	0.3	175	0.26
STD OREAS25A-4A	Standard			2.3	33.6	24.4	47	0.3	47.7	8.0	497	6.42	12	2.7	14.4	41	<0.1	0.6	0.3	158	0.27
STD OREAS45E	Standard			2.4	809.3	19.3	47	0.3	497.5	59.1	570	24.75	17	2.4	12.8	15	<0.1	0.9	0.2	329	0.07
STD OREAS45E	Standard			2.3	797.1	19.7	53	0.4	488.4	58.8	560	23.85	17	2.4	10.5	14	<0.1	0.8	0.1	326	0.07
STD OREAS45E	Standard			2.5	807.6	19.5	48	0.3	494.1	58.5	563	24.61	17	2.5	11.9	14	<0.1	0.9	0.3	334	0.07
STD OREAS45E	Standard			2.1	810.3	17.3	46	0.3	466.3	57.8	553	24.83	17	2.3	11.7	16	<0.1	0.9	0.2	335	0.08
STD OREAS45E	Standard			2.1	776.2	17.8	45	0.3	457.8	59.0	581	24.46	18	2.2	10.9	15	<0.1	0.9	0.2	317	0.08
STD OXD108	Standard		0.420																		
STD OXD108	Standard		0.414																		
STD OXD108	Standard		0.409																		
STD OXD108	Standard		0.421																		
STD OXI121	Standard		1.832																		
STD OXI121	Standard		1.821																		
STD OXI121	Standard		1.803																		
STD OXI121	Standard		1.828																		
STD OXN117	Standard		7.760																		
STD OXN117	Standard		7.871																		
STD OXN117	Standard		7.819																		
STD OXN117	Standard		7.898																		
STD OXD108 Expected			0.414																		
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
STD OREAS25A-4A				2.55	33.9	25.2	44.4		45.8	8.2	470	6.6		2.94	15.8	48.5		0.67	0.35	157	0.309
STD OREAS45E Expected				2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	12.9	15.9	0.06	1	0.28	322	0.065
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

QUALITY CONTROL REPORT

WHI14000248.1

		MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
STD OREAS25A-4A	Standard	0.049	20.0	109	0.29	148	0.943	9.22	0.134	0.48	1.9	148.6	45	4.0	9.2	19.5	1.5	1	13	38.5	<0.1
STD OREAS25A-4A	Standard	0.050	18.4	112	0.30	146	1.012	8.98	0.142	0.47	2.2	161.6	43	4.0	8.9	21.3	1.6	1	14	39.5	<0.1
STD OREAS25A-4A	Standard	0.048	18.1	111	0.30	153	0.947	8.95	0.139	0.50	2.0	148.6	43	3.8	8.3	19.0	1.4	<1	13	40.1	<0.1
STD OREAS25A-4A	Standard	0.042	20.0	118	0.33	136	0.951	9.06	0.118	0.47	1.8	150.1	47	3.4	10.6	19.7	1.5	2	9	35.3	<0.1
STD OREAS25A-4A	Standard	0.045	16.5	120	0.30	140	0.993	8.12	0.119	0.47	1.9	149.9	40	3.4	8.9	19.7	1.4	<1	12	39.2	<0.1
STD OREAS45E	Standard	0.036	11.0	1032	0.16	256	0.489	7.03	0.052	0.34	1.1	100.8	24	1.2	7.4	6.3	0.6	<1	99	6.9	<0.1
STD OREAS45E	Standard	0.036	6.2	989	0.14	246	0.479	6.53	0.050	0.34	1.1	101.5	20	1.2	5.2	6.4	0.5	<1	92	7.2	<0.1
STD OREAS45E	Standard	0.037	8.1	1020	0.15	262	0.494	6.78	0.051	0.35	0.9	101.3	20	1.2	5.9	6.2	0.5	<1	95	7.4	<0.1
STD OREAS45E	Standard	0.035	10.3	965	0.16	241	0.525	6.80	0.056	0.35	0.9	96.9	24	1.3	8.1	6.3	0.5	<1	93	6.8	<0.1
STD OREAS45E	Standard	0.030	6.8	986	0.14	227	0.556	6.65	0.050	0.33	0.9	95.0	18	0.9	5.8	6.2	0.5	<1	88	6.4	<0.1
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OXD108 Expected																					
STD OXN117 Expected																					
STD OXI121 Expected																					
STD OREAS25A-4A		0.048	21.8	115	0.327	147	0.977	8.87	0.134	0.482	2.1		48.9	4.06	12.3	22.4	1.6	1.02	13.7	36.7	0.051
STD OREAS45E Expected		0.034	11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	23.5	1.32	8.28	6.8	0.54		93	6.58	0.046
BLK	Blank																				
BLK	Blank																				

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Centerra Gold**
1 University Avenue, Suite 1500
Toronto ON M5J 2P1 CANADA

Project: KSD
Report Date: October 30, 2014

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QUALITY CONTROL REPORT

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		MA200 Rb ppm 0.1	MA200 Hf ppm 0.1	MA200 In ppm 0.05	MA200 Re ppm 0.005	MA200 Se ppm 1	MA200 Te ppm 0.5	MA200 Tl ppm 0.5
STD OREAS25A-4A	Standard	59.0	4.3	0.06	<0.005	2	<0.5	<0.5
STD OREAS25A-4A	Standard	57.5	4.6	<0.05	<0.005	2	<0.5	<0.5
STD OREAS25A-4A	Standard	56.2	4.1	0.07	<0.005	2	<0.5	<0.5
STD OREAS25A-4A	Standard	56.9	4.2	0.06	<0.005	3	<0.5	<0.5
STD OREAS25A-4A	Standard	50.7	4.3	<0.05	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	22.1	3.0	0.08	<0.005	3	<0.5	<0.5
STD OREAS45E	Standard	19.1	3.2	0.10	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	20.3	3.0	0.08	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	20.6	2.9	0.20	<0.005	6	<0.5	<0.5
STD OREAS45E	Standard	18.7	2.8	0.06	<0.005	2	<0.5	<0.5
STD OXD108	Standard							
STD OXD108	Standard							
STD OXD108	Standard							
STD OXD108	Standard							
STD OXI121	Standard							
STD OXI121	Standard							
STD OXI121	Standard							
STD OXI121	Standard							
STD OXN117	Standard							
STD OXN117	Standard							
STD OXN117	Standard							
STD OXN117	Standard							
STD OXD108 Expected								
STD OXN117 Expected								
STD OXI121 Expected								
STD OREAS25A-4A		61	4.53					0.35
STD OREAS45E Expected		21.2	3.11	0.099		2.97	0.1	0.09
BLK	Blank							
BLK	Blank							

QUALITY CONTROL REPORT

WHI14000248.1

		WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	0.2	0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	<0.1	0.2	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	<0.1	0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	0.1	<1	<0.01
BLK	Blank			<0.1	0.1	0.2	<1	<0.1	0.1	<0.2	<1	<0.01	3	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	0.7	5.5	3.9	40	<0.1	1.1	4.4	642	2.04	4	1.1	2.5	184	<0.1	0.1	0.5	36	1.51
ROCK-WHI	Prep Blank		<0.005	0.5	6.0	4.3	47	<0.1	0.9	4.3	661	2.01	3	1.1	2.6	189	0.1	0.1	0.5	33	1.54

QUALITY CONTROL REPORT

WHI14000248.1

		MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	0.2	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	3	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	0.2	<0.1
Prep Wash																					
ROCK-WHI	Prep Blank	0.039	11.4	2	0.51	874	0.180	7.04	3.394	1.78	0.4	57.7	24	1.4	13.9	5.7	0.4	1	7	3.5	<0.1
ROCK-WHI	Prep Blank	0.043	11.9	2	0.49	913	0.181	6.85	3.284	1.87	0.4	58.7	25	0.6	14.2	5.8	0.4	<1	6	3.5	<0.1

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Centerra Gold**
1 University Avenue, Suite 1500
Toronto ON M5J 2P1 CANADA

Project: KSD
Report Date: October 30, 2014

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Part: 3 of 3

QUALITY CONTROL REPORT

WHI14000248.1

		MA200 Rb ppm 0.1	MA200 Hf ppm 0.1	MA200 In ppm 0.05	MA200 Re ppm 0.005	MA200 Se ppm 1	MA200 Te ppm 0.5	MA200 Tl ppm 0.5
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank							
BLK	Blank							
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	0.3	<0.1	<0.05	<0.005	<1	<0.5	<0.5
Prep Wash								
ROCK-WHI	Prep Blank	36.4	1.7	<0.05	<0.005	<1	<0.5	<0.5
ROCK-WHI	Prep Blank	37.7	1.8	<0.05	<0.005	<1	<0.5	<0.5

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Centerra Gold**
1 University Avenue, Suite 1500
Toronto ON M5J 2P1 CANADA

Submitted By: Jodie Gibson
Receiving Lab: Canada-Whitehorse
Received: October 16, 2014
Report Date: November 01, 2014
Page: 1 of 4

CERTIFICATE OF ANALYSIS

WHI14000249.1

CLIENT JOB INFORMATION

Project: KSD
Shipment ID: KSD2014-10-16
P.O. Number
Number of Samples: 89

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Centerra Gold
1 University Avenue, Suite 1500
Toronto ON M5J 2P1
CANADA

CC: Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	84	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	88	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
MA200	88	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI14000249.1

	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1368393	Rock	2.36	0.065	3.3	72.2	23.7	313	0.5	33.5	19.0	485	5.07	12	1.9	6.7	81	1.6	0.5	0.1	130	2.64
1368394	Rock	2.48	0.015	1.5	42.7	26.5	261	0.3	21.3	20.2	501	5.27	5	1.2	3.9	57	1.3	0.4	<0.1	158	1.78
1368395	Rock	2.69	0.010	1.7	33.2	22.0	182	0.3	26.7	17.5	494	5.67	3	1.2	4.9	46	0.8	0.4	0.1	137	1.56
1368396	Rock	2.43	0.010	1.1	39.1	26.3	128	0.4	13.3	19.2	925	5.52	10	1.4	3.5	78	0.5	0.9	0.2	189	2.53
1368397	Rock	2.29	0.160	1.4	41.6	22.1	93	0.5	12.0	17.9	943	4.73	13	1.3	3.6	80	0.4	0.7	0.2	143	2.84
1368398	Rock	2.53	0.023	0.5	26.7	17.8	109	0.4	11.9	14.8	1026	5.12	12	1.8	3.7	86	0.3	0.9	0.1	207	3.55
1368399	Rock	1.84	0.006	0.6	22.7	9.2	84	0.2	14.1	13.3	1387	4.45	4	0.9	2.5	114	0.2	0.5	<0.1	195	5.54
1368400	Rock	2.02	0.195	0.2	25.7	10.4	89	0.3	11.7	15.4	1401	4.66	4	1.1	2.9	151	0.3	0.6	<0.1	214	5.98
1368401	Rock Pulp	0.13	1.910	3.7	35.2	9.8	69	0.4	33.9	16.0	796	4.17	10	0.7	2.1	248	0.2	2.8	0.1	129	2.82
1368402	Rock	2.58	0.019	0.8	21.2	15.3	100	0.2	15.4	14.1	1220	4.20	4	0.9	3.2	105	0.3	0.5	<0.1	160	5.14
1368403	Rock	2.09	0.014	0.6	23.2	14.4	118	0.2	16.9	14.1	1146	4.46	3	0.9	2.6	77	0.4	0.4	<0.1	164	4.17
1368404	Rock	2.46	0.008	0.9	17.7	16.7	103	0.2	19.0	14.8	1168	4.70	3	0.9	3.0	90	0.3	0.5	<0.1	169	4.53
1368405	Rock	2.56	0.007	0.8	17.7	16.8	93	0.2	18.4	13.9	1159	4.65	3	0.9	3.0	96	0.2	0.5	0.1	165	4.63
1368406	Rock	2.35	0.007	0.5	14.7	17.0	78	0.1	16.9	13.3	1062	4.53	2	1.0	3.1	96	0.1	0.6	<0.1	144	4.36
1368407	Rock	2.27	0.017	0.8	29.7	17.4	94	0.2	16.5	13.8	1299	4.57	2	0.8	3.0	93	0.2	0.5	<0.1	140	5.29
1368408	Rock	2.20	0.009	0.9	28.7	28.2	76	0.2	19.6	18.6	960	5.35	4	1.0	3.0	101	0.1	0.7	<0.1	156	3.69
1368409	Rock	2.49	0.013	0.9	30.1	25.8	76	0.2	19.9	20.2	1061	5.35	4	1.1	3.0	90	0.2	0.7	<0.1	152	3.78
1368410	Rock	2.67	0.012	1.2	24.3	22.4	92	0.3	18.0	18.1	1015	5.17	4	1.2	2.8	75	0.5	0.5	<0.1	152	3.31
1368411	Rock	2.76	0.015	1.0	40.1	25.4	213	0.4	17.4	16.7	981	4.98	4	1.2	2.9	74	1.1	0.4	<0.1	148	3.38
1368412	Rock	2.65	0.013	1.3	37.4	23.8	130	0.3	14.8	15.8	958	4.76	5	1.2	3.1	69	0.8	0.5	<0.1	140	3.41
1368413	Rock	2.80	0.012	0.9	35.1	26.6	163	0.3	15.2	17.6	1016	4.94	4	1.3	3.4	71	1.0	0.5	<0.1	149	3.68
1368414	Rock	2.51	0.012	1.2	38.9	24.3	166	0.3	13.7	17.0	1175	4.77	4	1.0	3.1	74	0.9	0.6	0.1	145	4.29
1368415	Rock	3.13	0.014	1.2	43.8	23.9	170	0.3	15.1	16.1	1107	4.85	5	1.2	3.0	76	1.1	0.5	<0.1	144	3.98
1368416	Rock	3.31	0.010	0.8	27.1	21.5	120	0.2	12.9	15.2	1142	4.38	4	1.0	3.4	77	0.7	0.6	0.1	139	4.34
1368417	Rock	2.57	0.017	1.3	25.9	28.9	140	0.3	13.2	16.1	1030	4.80	7	1.4	3.8	77	0.5	0.4	0.1	138	4.03
1368418	Rock	1.99	0.015	0.7	23.6	15.9	155	0.2	13.4	12.4	998	4.39	3	0.8	3.2	80	0.8	0.5	<0.1	133	4.25
1368419	Rock	1.87	0.012	0.9	17.1	30.4	59	0.2	13.3	15.7	874	5.02	5	0.9	3.2	246	0.4	0.8	<0.1	148	5.14
1368420	Rock	2.09	0.024	1.0	31.1	30.0	88	0.2	13.6	17.2	746	5.15	6	1.1	3.0	247	0.5	0.8	<0.1	146	4.66
1368421	Rock	2.30	<0.005	1.4	13.1	28.6	64	<0.1	13.0	15.5	862	4.78	5	1.0	3.3	277	0.5	1.2	<0.1	152	5.45
1368422	Rock	2.64	0.007	1.6	25.6	14.3	71	0.2	9.5	13.2	800	3.86	7	1.5	5.0	103	0.3	0.8	<0.1	112	3.63

CERTIFICATE OF ANALYSIS

WHI14000249.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	1	0.1
1368393	Rock	0.077	21.1	69	3.44	1035	0.069	6.23	1.093	1.09	1.1	54.7	40	2.6	7.8	1.2	<0.1	<1	16	47.3	0.4
1368394	Rock	0.060	12.0	43	3.13	685	0.084	6.68	0.637	1.77	1.1	30.0	25	1.1	5.4	0.7	<0.1	1	19	50.9	0.5
1368395	Rock	0.075	13.7	61	3.50	699	0.064	6.33	0.928	1.14	1.2	33.9	29	1.2	4.8	0.8	<0.1	<1	16	52.6	0.7
1368396	Rock	0.052	11.5	21	2.99	1367	0.083	7.59	0.563	2.02	1.0	12.3	24	1.1	5.8	0.5	<0.1	1	23	57.6	0.5
1368397	Rock	0.057	10.4	21	2.00	49	0.082	7.18	0.875	2.43	1.3	30.2	24	1.2	6.3	0.6	<0.1	1	19	29.5	2.4
1368398	Rock	0.063	11.4	19	2.27	95	0.102	6.69	0.758	1.97	1.2	15.4	25	1.1	6.8	0.8	<0.1	2	23	44.0	1.4
1368399	Rock	0.064	8.6	22	2.14	106	0.085	7.79	2.057	1.58	0.7	10.9	20	0.9	7.3	0.5	<0.1	1	23	34.6	1.7
1368400	Rock	0.049	11.3	14	2.00	95	0.100	7.17	1.876	1.59	1.2	12.5	24	1.0	7.6	0.6	<0.1	<1	23	31.1	1.5
1368401	Rock Pulp	0.066	9.7	52	1.48	531	0.391	6.91	2.355	0.97	26.5	36.0	19	1.2	13.4	4.1	0.3	<1	16	18.3	<0.1
1368402	Rock	0.079	10.0	28	1.95	81	0.102	7.72	2.154	1.63	1.1	15.2	23	1.0	7.5	0.7	<0.1	1	22	27.7	1.7
1368403	Rock	0.074	7.4	34	2.23	108	0.107	7.54	2.087	1.65	1.0	13.2	17	1.1	5.6	0.7	<0.1	1	21	25.2	1.9
1368404	Rock	0.081	9.4	35	2.24	127	0.131	7.91	2.393	1.54	1.1	12.2	22	1.1	8.6	0.8	<0.1	1	22	25.6	1.6
1368405	Rock	0.080	9.8	35	2.20	424	0.133	7.94	2.471	1.41	1.2	11.7	22	1.1	9.3	1.0	<0.1	<1	22	27.6	1.2
1368406	Rock	0.081	10.1	33	2.09	603	0.129	7.70	2.545	1.05	1.2	11.6	23	0.9	10.6	1.0	<0.1	<1	20	32.2	1.0
1368407	Rock	0.078	10.0	32	2.08	130	0.120	7.62	2.255	1.39	1.2	11.5	22	1.3	12.0	0.7	<0.1	1	20	26.4	1.4
1368408	Rock	0.085	9.6	38	2.17	93	0.139	8.07	2.557	1.50	1.2	17.8	23	1.5	14.0	1.0	<0.1	<1	22	26.7	1.5
1368409	Rock	0.082	9.3	38	2.10	67	0.115	7.85	2.359	1.54	1.4	17.3	21	1.2	13.7	0.9	<0.1	1	21	25.0	1.8
1368410	Rock	0.082	7.5	34	2.04	66	0.095	7.71	2.054	1.71	1.5	19.3	19	1.2	11.3	0.7	<0.1	1	21	20.7	2.6
1368411	Rock	0.082	7.7	34	1.89	50	0.101	7.66	1.858	1.88	1.6	18.0	19	1.2	10.6	0.7	<0.1	2	21	18.9	2.8
1368412	Rock	0.069	8.4	30	1.77	48	0.117	7.17	1.769	1.76	2.1	17.3	20	1.3	11.1	1.0	<0.1	1	19	16.7	2.1
1368413	Rock	0.071	8.3	26	2.01	89	0.123	7.60	1.962	1.75	1.8	19.7	21	1.4	9.8	1.0	<0.1	2	21	19.2	1.9
1368414	Rock	0.067	9.1	29	2.00	60	0.111	6.92	1.636	1.49	1.9	14.9	20	1.0	11.1	0.8	<0.1	1	20	21.3	1.8
1368415	Rock	0.073	8.0	32	2.07	47	0.100	7.06	1.658	1.56	1.8	14.6	20	0.9	9.6	0.7	<0.1	2	21	32.1	2.1
1368416	Rock	0.073	8.4	26	1.93	64	0.096	7.29	1.985	1.50	1.5	17.9	20	1.3	11.4	0.8	<0.1	<1	20	25.3	1.7
1368417	Rock	0.072	10.8	27	1.80	48	0.108	7.43	2.007	1.71	1.6	21.4	26	1.3	13.5	0.8	<0.1	1	19	19.8	2.1
1368418	Rock	0.086	8.3	27	1.76	78	0.108	7.63	2.735	1.34	1.5	13.7	20	0.7	14.1	0.7	<0.1	1	21	16.6	1.7
1368419	Rock	0.089	10.2	27	1.78	690	0.173	7.88	2.751	0.72	1.3	9.8	23	0.8	19.2	1.1	<0.1	<1	22	19.1	0.6
1368420	Rock	0.092	11.8	27	1.73	648	0.198	8.03	2.952	0.68	1.5	10.7	26	1.0	18.8	1.3	<0.1	<1	21	18.9	0.8
1368421	Rock	0.095	12.2	26	1.73	483	0.292	8.25	3.320	0.54	1.7	11.2	27	1.0	21.5	1.9	0.1	<1	23	19.8	0.4
1368422	Rock	0.074	12.9	19	1.36	143	0.172	7.67	2.697	1.60	2.4	26.1	31	1.3	16.6	1.8	0.1	1	17	15.3	1.2

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Project: KSD
Report Date: November 01, 2014

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1368393	Rock	31.9	1.4	<0.05	<0.005	1	0.7	<0.5
1368394	Rock	35.4	0.7	<0.05	<0.005	2	<0.5	<0.5
1368395	Rock	19.7	1.0	<0.05	<0.005	1	<0.5	<0.5
1368396	Rock	55.9	0.3	<0.05	<0.005	<1	<0.5	0.5
1368397	Rock	77.6	0.9	0.07	<0.005	1	<0.5	0.7
1368398	Rock	53.3	0.4	0.10	<0.005	<1	<0.5	0.5
1368399	Rock	51.5	0.3	0.06	<0.005	1	<0.5	<0.5
1368400	Rock	55.5	0.4	<0.05	<0.005	2	<0.5	<0.5
1368401	Rock Pulp	22.4	1.1	<0.05	<0.005	<1	<0.5	<0.5
1368402	Rock	52.9	0.5	0.05	<0.005	<1	0.6	<0.5
1368403	Rock	41.5	0.5	<0.05	<0.005	<1	<0.5	<0.5
1368404	Rock	44.6	0.3	<0.05	<0.005	<1	<0.5	<0.5
1368405	Rock	41.6	0.4	0.08	<0.005	<1	<0.5	<0.5
1368406	Rock	34.3	0.4	0.06	<0.005	<1	<0.5	<0.5
1368407	Rock	49.8	0.3	0.06	<0.005	<1	<0.5	<0.5
1368408	Rock	45.2	0.4	0.06	<0.005	<1	<0.5	<0.5
1368409	Rock	45.3	0.4	0.06	<0.005	<1	<0.5	<0.5
1368410	Rock	49.2	0.5	<0.05	0.008	2	<0.5	<0.5
1368411	Rock	53.8	0.5	0.07	<0.005	2	<0.5	<0.5
1368412	Rock	56.0	0.5	0.05	<0.005	3	<0.5	<0.5
1368413	Rock	51.3	0.5	<0.05	<0.005	2	<0.5	<0.5
1368414	Rock	48.4	0.5	0.12	<0.005	2	<0.5	<0.5
1368415	Rock	45.4	0.4	<0.05	<0.005	2	<0.5	<0.5
1368416	Rock	44.6	0.5	0.08	<0.005	<1	<0.5	<0.5
1368417	Rock	50.6	0.5	0.11	<0.005	2	<0.5	<0.5
1368418	Rock	44.1	0.4	0.07	<0.005	<1	<0.5	<0.5
1368419	Rock	24.1	0.3	<0.05	<0.005	<1	<0.5	<0.5
1368420	Rock	20.2	0.3	0.06	<0.005	2	<0.5	<0.5
1368421	Rock	17.6	0.3	<0.05	<0.005	<1	<0.5	<0.5
1368422	Rock	55.6	0.8	<0.05	<0.005	1	<0.5	<0.5

CERTIFICATE OF ANALYSIS

WHI14000249.1

	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1368423	Rock	3.06	0.040	0.8	55.7	26.8	109	0.4	12.1	23.4	1418	5.57	14	1.5	3.5	150	0.6	2.3	0.2	268	5.85
1368424	Rock	1.28	0.012	0.9	56.7	13.1	83	0.4	12.4	17.0	1325	4.48	9	1.0	3.8	83	0.3	0.6	0.3	127	4.36
1394651	Rock	1.53	0.029	0.7	383.7	1930.2	1476	1.5	19.6	27.4	1627	6.66	6	0.7	1.7	43	5.3	0.7	0.5	253	0.19
1394652	Rock	1.45	0.063	1.9	743.3	4019.3	1725	7.5	15.7	23.3	1624	7.16	4	0.8	1.6	37	7.5	1.1	3.0	244	0.34
1394653	Rock	3.52	0.035	0.9	387.8	1329.0	1154	3.1	15.3	25.1	1390	6.50	4	0.4	1.7	53	6.4	0.5	1.4	230	1.85
1394654	Rock	1.50	0.011	0.2	113.4	87.3	265	0.5	15.5	28.8	1167	6.52	3	0.3	1.3	62	1.5	0.3	0.3	239	2.83
1394655	Rock	1.97	<0.005	0.5	43.6	31.7	104	0.2	11.3	20.6	1107	5.46	2	0.4	2.2	67	0.5	0.2	0.2	187	3.16
1394656	Rock	1.57	0.009	0.5	50.9	20.7	180	0.4	12.6	19.7	1145	5.81	2	0.5	2.1	51	0.8	0.2	0.3	225	2.20
1394657	Rock	1.86	0.019	0.6	76.1	19.3	133	0.4	15.1	28.7	1368	6.22	2	0.4	1.9	83	0.7	0.4	0.3	233	3.81
1394658	Rock	1.61	0.028	0.6	63.6	17.8	134	0.5	18.3	33.8	1718	6.81	2	0.6	1.5	65	0.5	0.3	0.3	229	2.33
1394659	Rock	1.85	0.021	0.5	48.5	14.6	128	0.4	14.3	32.5	1347	7.05	4	0.6	1.8	53	0.2	0.3	0.4	259	1.69
1394660	Rock	1.80	0.029	0.6	29.6	12.0	114	0.3	14.5	30.7	1490	6.75	4	0.4	1.3	77	0.4	0.3	0.4	236	3.22
1394661	Rock Pulp	0.12	2.009	3.8	35.4	9.9	72	0.5	35.2	16.9	810	4.28	10	0.6	1.8	245	0.2	2.8	0.1	130	2.92
1394662	Rock	1.45	0.295	0.8	36.3	17.3	203	0.6	18.2	37.4	1504	7.35	4	0.8	1.9	58	1.3	0.3	0.4	270	1.39
1394663	Rock	1.87	0.130	1.0	26.5	14.1	142	0.4	13.6	24.3	1405	6.20	4	0.6	1.8	75	0.6	0.3	0.3	259	2.19
1394664	Rock	2.99	0.025	1.2	30.1	11.4	122	0.4	12.9	24.5	1302	6.58	3	0.4	1.5	69	0.4	0.3	0.3	242	2.49
1394665	Rock	2.42	0.023	1.2	25.2	11.0	105	0.4	9.9	21.2	1286	5.73	2	0.3	1.7	76	0.5	0.2	0.3	210	3.14
1394666	Rock	1.47	0.024	0.9	30.8	12.6	114	0.4	12.1	24.6	1321	6.19	3	0.6	2.0	93	0.3	0.3	0.4	212	3.39
1394667	Rock	2.21	0.025	0.5	23.6	11.9	117	0.3	13.5	24.3	1674	6.59	3	0.5	1.5	120	0.2	0.3	0.4	260	4.52
1394668	Rock	2.08	2.134	0.5	75.0	12.4	121	1.6	13.5	27.9	1631	6.31	4	0.5	1.4	132	0.5	0.2	0.3	233	4.52
1394669	Rock	2.77	0.601	0.4	37.0	12.5	113	0.4	14.5	40.4	1533	7.46	5	0.5	1.5	111	0.5	0.2	0.4	223	4.02
1394670	Rock	2.99	0.088	0.3	37.7	11.4	107	0.4	10.3	35.2	1759	7.24	4	0.4	1.7	121	0.2	0.2	0.3	221	4.99
1394671	Rock	2.84	0.063	0.5	33.2	12.8	90	0.3	8.2	32.0	1586	6.73	4	0.5	1.9	136	0.1	0.4	0.3	217	4.97
1394672	Rock	3.20	0.134	0.4	73.9	10.2	101	0.4	7.3	34.8	1741	6.70	5	0.5	1.9	120	0.3	0.4	0.3	211	5.05
1394673	Rock	1.96	0.137	0.4	71.2	8.6	123	0.4	11.7	28.3	1663	6.39	5	0.6	1.8	103	0.5	0.4	0.3	196	4.71
1394674	Rock	1.39	0.030	0.6	67.8	6.9	176	0.3	17.4	24.8	1665	6.34	4	0.6	1.4	92	0.6	0.3	0.2	219	4.57
1394675	Rock	1.27	0.025	0.4	66.3	7.1	175	0.4	17.1	25.1	1723	6.43	4	0.6	1.3	93	0.6	0.3	0.2	216	4.73
1394676	Rock	1.91	0.015	0.7	30.7	8.3	152	0.2	10.1	17.5	1347	5.25	3	0.2	0.9	68	0.6	0.2	0.2	217	3.85
1394677	Rock	3.65	0.275	1.0	54.6	8.7	182	0.3	15.3	21.4	1678	5.65	4	0.3	1.2	84	0.6	0.4	0.3	221	4.42
1394678	Rock	2.08	0.016	0.5	53.8	11.2	200	0.3	13.9	26.5	1723	6.42	4	0.4	1.5	97	0.8	0.4	0.3	223	4.82

CERTIFICATE OF ANALYSIS

WHI14000249.1

	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1368423	Rock	0.048	12.1	19	2.05	175	0.246	7.72	1.611	1.47	1.9	18.4	26	1.1	14.0	1.2	0.1	<1	26	46.9	1.3
1368424	Rock	0.060	10.0	22	1.71	174	0.115	6.86	1.897	1.70	1.0	26.6	22	1.7	10.5	0.9	<0.1	1	17	23.2	1.0
1394651	Rock	0.056	4.8	29	2.40	2860	0.093	7.09	1.514	1.96	1.3	9.5	13	0.9	5.3	0.5	<0.1	<1	26	31.1	<0.1
1394652	Rock	0.059	5.0	27	2.36	966	0.087	6.92	1.107	2.27	2.6	8.9	13	1.1	4.9	0.3	<0.1	1	25	27.7	0.3
1394653	Rock	0.057	4.9	20	2.19	65	0.076	7.46	1.265	2.23	2.0	7.7	13	0.8	4.9	0.3	<0.1	<1	25	22.5	1.6
1394654	Rock	0.056	4.1	19	2.55	54	0.086	7.52	1.827	1.83	1.5	6.6	12	0.8	4.9	0.3	<0.1	<1	25	31.0	2.0
1394655	Rock	0.057	4.7	10	1.72	49	0.091	7.26	2.056	1.98	1.6	13.2	13	1.0	6.8	0.5	<0.1	1	20	18.0	3.0
1394656	Rock	0.050	5.1	11	2.09	44	0.090	7.16	1.961	1.92	1.5	15.5	14	1.0	6.3	0.5	<0.1	<1	22	22.5	2.3
1394657	Rock	0.044	5.0	16	2.57	79	0.089	6.81	1.697	1.54	1.4	14.6	13	0.9	7.2	0.4	<0.1	<1	23	27.6	2.6
1394658	Rock	0.055	4.0	17	2.45	45	0.080	7.07	0.795	2.05	1.5	8.1	12	0.8	8.1	0.2	<0.1	<1	26	30.3	3.3
1394659	Rock	0.059	6.1	16	2.61	78	0.069	7.78	1.875	1.54	1.3	5.6	15	0.7	5.7	0.2	<0.1	1	27	43.0	1.7
1394660	Rock	0.054	4.6	15	2.54	45	0.080	6.94	2.114	1.62	1.6	5.5	13	0.7	5.9	0.2	<0.1	<1	26	24.9	3.2
1394661	Rock Pulp	0.064	8.4	57	1.49	538	0.403	6.70	2.380	0.99	25.8	29.6	18	1.0	12.7	4.1	0.3	<1	16	18.0	<0.1
1394662	Rock	0.069	7.0	18	2.35	63	0.086	8.21	1.931	2.14	2.0	9.3	18	1.0	7.5	0.3	<0.1	1	29	30.2	2.0
1394663	Rock	0.070	6.5	16	2.26	65	0.086	8.09	2.155	2.10	1.7	8.9	17	1.3	5.7	0.3	<0.1	<1	28	30.2	2.1
1394664	Rock	0.068	4.4	11	2.35	41	0.080	7.20	1.918	1.89	2.5	8.1	12	1.0	4.6	0.3	<0.1	1	25	24.9	3.5
1394665	Rock	0.059	4.7	10	2.18	46	0.080	6.55	1.650	1.82	4.2	8.5	13	1.0	5.5	0.3	<0.1	<1	22	22.1	2.8
1394666	Rock	0.067	6.4	14	2.26	133	0.074	7.57	1.762	2.02	2.9	8.5	16	1.0	4.9	0.3	<0.1	1	21	23.4	2.5
1394667	Rock	0.055	5.2	15	2.47	98	0.077	7.33	1.151	2.24	2.5	6.4	13	1.1	5.7	0.2	<0.1	1	23	22.7	1.9
1394668	Rock	0.055	5.2	13	2.12	112	0.070	7.41	1.226	2.63	2.1	5.6	13	0.8	5.7	0.2	<0.1	1	22	18.3	1.8
1394669	Rock	0.052	4.5	10	2.05	44	0.068	7.40	1.486	2.22	1.2	6.6	12	0.8	6.6	0.2	<0.1	1	23	26.4	3.7
1394670	Rock	0.052	5.7	8	2.20	56	0.061	7.26	1.351	1.88	1.0	6.6	14	1.2	7.6	0.2	<0.1	<1	22	25.8	3.4
1394671	Rock	0.054	7.0	8	1.95	148	0.062	7.23	1.600	1.51	0.9	6.1	16	0.9	8.2	0.2	<0.1	<1	22	25.5	1.9
1394672	Rock	0.057	7.6	6	2.01	100	0.076	7.25	1.994	1.43	1.3	8.5	17	1.1	9.0	0.2	<0.1	<1	22	20.4	2.2
1394673	Rock	0.050	7.7	14	2.31	133	0.088	7.35	2.705	1.33	1.3	11.9	17	0.8	7.5	0.3	<0.1	<1	22	16.9	2.4
1394674	Rock	0.039	5.9	19	3.02	283	0.089	7.55	2.489	1.60	1.2	9.6	14	0.6	4.9	0.3	<0.1	<1	26	17.7	2.1
1394675	Rock	0.038	5.9	17	3.04	223	0.086	7.34	2.457	1.51	1.2	9.0	12	0.8	5.0	0.3	<0.1	<1	26	17.9	2.2
1394676	Rock	0.045	2.9	14	2.26	87	0.083	6.60	1.507	1.98	1.9	6.8	7	0.8	5.1	0.3	<0.1	1	21	20.7	1.8
1394677	Rock	0.043	4.5	21	2.67	132	0.093	6.92	1.846	1.85	2.6	8.5	10	0.8	5.5	0.3	<0.1	1	22	18.4	1.9
1394678	Rock	0.041	5.4	15	2.74	72	0.085	7.18	1.553	1.74	1.4	7.2	13	0.7	7.8	0.2	<0.1	1	25	23.1	2.6

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Project: KSD
Report Date: November 01, 2014

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CERTIFICATE OF ANALYSIS

WHI14000249.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1368423	Rock	54.8	0.5	<0.05	<0.005	<1	<0.5	<0.5
1368424	Rock	50.5	0.7	<0.05	<0.005	<1	<0.5	<0.5
1394651	Rock	54.7	0.3	0.06	<0.005	1	0.6	<0.5
1394652	Rock	63.4	0.2	0.08	<0.005	3	1.7	<0.5
1394653	Rock	61.2	0.2	0.10	<0.005	4	0.8	<0.5
1394654	Rock	43.3	0.2	0.09	<0.005	2	<0.5	<0.5
1394655	Rock	56.1	0.4	0.06	<0.005	2	<0.5	<0.5
1394656	Rock	53.4	0.5	<0.05	<0.005	2	<0.5	<0.5
1394657	Rock	33.7	0.4	<0.05	<0.005	3	<0.5	<0.5
1394658	Rock	54.4	0.2	0.07	<0.005	2	<0.5	<0.5
1394659	Rock	46.2	0.2	0.08	<0.005	3	<0.5	<0.5
1394660	Rock	39.5	0.1	0.09	<0.005	3	<0.5	<0.5
1394661	Rock Pulp	18.8	0.9	0.06	<0.005	<1	<0.5	<0.5
1394662	Rock	63.1	0.3	0.11	<0.005	1	<0.5	<0.5
1394663	Rock	60.8	0.3	0.07	<0.005	3	<0.5	<0.5
1394664	Rock	48.1	0.2	<0.05	0.006	4	<0.5	<0.5
1394665	Rock	44.6	0.2	<0.05	<0.005	3	<0.5	<0.5
1394666	Rock	38.9	0.3	0.07	<0.005	2	<0.5	<0.5
1394667	Rock	37.4	0.2	0.07	<0.005	1	<0.5	<0.5
1394668	Rock	42.1	0.1	0.08	<0.005	1	0.7	<0.5
1394669	Rock	44.8	0.2	0.08	<0.005	3	<0.5	<0.5
1394670	Rock	41.4	0.2	<0.05	<0.005	1	<0.5	<0.5
1394671	Rock	37.6	0.2	<0.05	<0.005	<1	<0.5	<0.5
1394672	Rock	43.1	0.2	0.05	<0.005	<1	<0.5	<0.5
1394673	Rock	40.3	0.3	0.06	<0.005	2	<0.5	<0.5
1394674	Rock	44.0	0.3	<0.05	<0.005	<1	<0.5	<0.5
1394675	Rock	42.4	0.3	0.07	<0.005	1	<0.5	<0.5
1394676	Rock	39.7	0.2	0.06	<0.005	2	<0.5	<0.5
1394677	Rock	41.6	0.3	<0.05	<0.005	<1	<0.5	<0.5
1394678	Rock	41.0	0.2	<0.05	<0.005	1	0.5	<0.5

CERTIFICATE OF ANALYSIS

WHI14000249.1

	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1394679	Rock	1.19	0.064	0.4	53.4	17.4	226	0.3	14.8	26.8	1825	6.81	3	0.5	1.4	149	0.7	0.5	0.3	268	5.37
1394680	Rock	2.17	0.018	0.7	53.8	16.9	230	0.2	20.7	22.2	1690	6.49	3	0.3	1.0	112	0.6	0.5	0.2	269	4.52
1394681	Rock Pulp	0.13	<0.005	2.9	27.5	5.8	63	0.2	33.4	14.7	771	3.72	7	0.6	1.8	265	0.3	0.7	<0.1	122	2.95
1394682	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1394683	Rock	2.23	0.015	0.6	58.1	23.7	217	0.3	20.6	24.6	1793	6.19	3	0.4	1.1	140	0.9	0.5	0.3	262	5.56
1394684	Rock	2.60	0.019	0.6	40.3	19.4	370	0.2	24.0	24.4	1739	5.94	3	0.3	1.1	90	1.2	0.4	0.2	242	5.07
1394685	Rock	1.66	0.016	1.0	63.5	23.0	231	0.3	19.2	26.2	1780	6.35	3	0.4	1.2	124	1.1	0.5	0.3	247	5.32
1394686	Rock	2.14	0.123	1.1	42.6	27.6	169	0.5	16.9	14.9	1043	4.69	13	0.8	4.6	42	0.9	0.7	0.3	137	0.49
1394687	Rock	2.98	0.204	1.1	62.7	33.2	256	1.1	15.3	15.2	1375	4.39	13	0.8	4.3	37	2.7	0.7	0.3	136	0.42
1394688	Rock	2.59	0.087	0.8	87.1	60.3	244	0.7	13.0	13.9	692	4.62	15	0.8	4.6	34	1.4	0.8	0.2	129	0.35
1394689	Rock	1.67	0.019	0.8	43.2	28.7	187	0.4	10.3	13.8	1018	4.47	5	1.0	4.4	51	1.2	0.3	0.2	109	1.44
1394690	Rock	1.35	0.008	0.5	18.6	25.8	141	0.3	13.6	17.3	1186	4.78	4	0.7	2.4	73	0.8	0.2	0.2	115	3.22
1394691	Rock	1.93	0.019	0.6	41.5	74.6	287	0.4	10.3	15.3	735	4.57	9	0.9	4.2	80	2.3	0.4	0.1	104	2.00
1394692	Rock	1.67	0.052	0.5	93.0	278.6	639	1.4	10.9	12.2	686	4.14	6	0.6	4.1	65	12.4	0.6	0.3	101	1.95
1394693	Rock	1.74	0.115	0.9	63.7	24.6	199	0.7	14.9	17.9	978	4.76	11	1.0	3.2	67	1.8	0.4	0.2	135	1.87
1394694	Rock	1.97	0.011	0.6	17.6	11.9	88	0.2	12.5	15.8	994	4.55	5	1.0	2.6	79	0.2	0.3	0.1	124	3.38
1394695	Rock	1.79	0.013	0.4	30.5	19.1	69	0.3	9.5	14.9	996	4.48	9	0.5	2.8	118	0.2	0.4	0.1	129	4.48
1394696	Rock	1.85	0.010	0.6	24.6	13.4	85	0.2	12.6	19.1	1099	5.08	7	0.4	2.2	106	0.4	0.4	<0.1	144	4.40
1394697	Rock	1.76	0.013	0.7	20.8	9.6	105	0.2	15.1	17.8	1098	5.06	4	0.5	2.0	85	0.4	0.2	<0.1	132	3.82
1394698	Rock	1.72	0.427	1.1	22.1	30.7	90	0.9	14.1	16.7	1196	4.52	7	0.6	2.2	101	1.0	0.3	0.3	134	3.27
1394699	Rock	1.83	0.175	1.0	36.3	20.3	110	0.8	15.3	16.2	1058	4.92	10	0.6	2.8	79	1.0	0.4	0.1	148	1.98
1394700	Rock	1.78	0.028	0.5	22.9	16.9	71	0.2	12.4	14.6	928	4.58	6	0.5	2.9	111	0.2	0.5	<0.1	138	3.24
1394701	Rock Pulp	0.12	2.004	3.1	35.4	9.4	71	0.4	35.8	15.6	784	4.11	10	0.6	1.8	253	0.3	2.9	0.1	128	2.79
1394702	Rock	2.48	0.068	0.6	23.5	20.0	98	0.2	13.1	14.5	1069	4.56	5	0.3	2.9	142	0.4	0.3	<0.1	141	5.06
1394703	Rock	1.23	0.025	0.6	27.2	16.8	86	0.3	11.2	12.8	866	4.09	5	0.5	2.4	97	0.5	0.4	<0.1	135	4.23
1394704	Rock	1.62	0.121	0.7	35.7	17.2	96	0.4	12.5	14.4	1200	4.51	5	0.4	3.0	98	0.6	0.5	0.2	131	3.83
1394705	Rock	2.49	0.135	0.6	31.9	16.3	81	0.3	12.6	15.1	1511	4.41	7	0.5	2.7	109	0.4	0.5	0.1	134	4.03
1394706	Rock	2.04	0.039	0.7	36.8	18.8	76	0.4	12.1	16.4	1481	4.43	7	0.5	2.9	109	0.4	0.6	0.1	130	4.03
1394707	Rock	2.31	0.044	1.0	38.2	21.7	82	0.4	13.6	19.5	1852	4.78	7	0.6	3.0	112	0.5	0.6	0.1	151	4.13

CERTIFICATE OF ANALYSIS

WHI14000249.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
1394679	Rock	0.041	6.1	16	2.85	192	0.074	7.69	1.453	1.22	1.0	5.8	13	0.9	10.0	0.2	<0.1	<1	30	26.9	1.8
1394680	Rock	0.042	3.9	32	3.49	686	0.086	7.83	1.396	1.53	1.2	4.4	10	0.7	8.3	0.2	<0.1	<1	27	31.0	1
1394681	Rock Pulp	0.066	8.9	51	1.41	497	0.384	6.56	2.396	0.92	23.1	27.3	18	0.9	12.9	4.1	0.3	1	16	16.5	<0.1
1394682	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1394683	Rock	0.039	4.8	32	3.24	791	0.089	7.89	1.186	1.38	1.5	3.5	11	0.6	10.6	0.2	<0.1	<1	30	27.8	1.2
1394684	Rock	0.033	4.3	48	3.20	186	0.092	7.60	1.224	1.49	2.0	3.0	10	0.7	8.6	0.3	<0.1	1	25	28.3	1.9
1394685	Rock	0.036	5.3	34	3.12	463	0.095	7.84	1.296	1.45	1.6	3.8	12	0.7	10.4	0.3	<0.1	<1	29	30.3	1.7
1394686	Rock	0.063	14.9	41	1.32	3537	0.089	5.79	0.710	2.27	1.7	13.9	29	1.6	8.2	0.8	<0.1	2	18	19.8	0.1
1394687	Rock	0.063	14.8	36	1.16	2864	0.081	5.17	0.864	2.21	1.7	13.1	31	1.1	7.2	0.7	<0.1	1	17	18.2	0.2
1394688	Rock	0.070	14.1	33	1.34	1738	0.081	5.54	1.360	2.13	2.4	17.4	29	1.4	5.2	0.7	<0.1	1	17	18.6	0.2
1394689	Rock	0.075	12.2	19	0.98	143	0.082	7.23	2.021	2.41	1.4	31.7	28	1.6	6.0	0.6	<0.1	2	17	12.1	0.9
1394690	Rock	0.064	5.8	21	1.57	53	0.081	6.36	1.462	2.02	2.0	24.5	16	1.0	6.2	0.5	<0.1	1	17	15.5	2.3
1394691	Rock	0.073	13.1	19	1.46	142	0.074	6.79	0.871	2.19	1.6	19.3	30	1.3	6.0	0.6	<0.1	1	18	22.0	0.9
1394692	Rock	0.072	12.7	27	1.31	140	0.073	6.47	0.752	2.43	1.9	16.5	28	1.4	4.9	0.6	<0.1	1	17	17.6	0.9
1394693	Rock	0.070	8.3	21	1.24	53	0.088	6.86	1.246	2.65	1.8	25.1	22	1.3	7.0	0.7	<0.1	1	18	11.3	2.0
1394694	Rock	0.062	7.5	18	1.62	53	0.075	6.37	1.422	2.17	1.4	27.7	21	1.4	5.5	0.6	<0.1	<1	16	15.9	2.2
1394695	Rock	0.069	8.6	15	1.63	92	0.073	6.71	2.252	1.35	1.6	14.2	19	1.0	7.3	0.4	<0.1	<1	18	20.7	1.4
1394696	Rock	0.073	5.9	19	1.73	56	0.077	6.75	2.099	1.66	1.4	15.1	15	1.1	6.0	0.5	<0.1	1	19	20.5	2.1
1394697	Rock	0.067	5.1	24	1.77	40	0.069	6.62	1.914	1.79	1.5	13.4	14	0.9	5.3	0.4	<0.1	1	18	19.2	2.9
1394698	Rock	0.077	5.4	26	1.00	77	0.069	7.11	2.966	1.88	2.3	11.1	15	0.9	5.8	0.3	<0.1	1	19	8.6	1.5
1394699	Rock	0.089	8.0	27	1.10	92	0.072	7.82	2.581	2.21	2.1	15.9	21	0.9	6.4	0.4	<0.1	2	21	15.1	1.3
1394700	Rock	0.085	8.0	21	1.79	242	0.075	7.91	3.026	1.25	1.6	15.9	21	0.8	9.0	0.4	<0.1	1	21	29.2	0.8
1394701	Rock Pulp	0.065	8.0	54	1.43	534	0.408	6.39	2.325	0.97	24.7	28.1	17	1.3	12.2	3.9	0.3	1	16	15.9	<0.1
1394702	Rock	0.085	9.2	23	1.82	287	0.071	7.63	3.103	1.09	1.7	13.8	23	1.1	9.1	0.4	<0.1	1	22	30.8	0.9
1394703	Rock	0.086	6.1	21	1.57	133	0.082	7.36	3.271	1.25	1.9	11.7	16	0.8	7.1	0.4	<0.1	1	20	24.9	1.2
1394704	Rock	0.071	7.3	20	1.44	115	0.076	6.73	2.028	1.61	1.8	18.8	19	1.1	7.3	0.5	<0.1	1	18	26.4	1.0
1394705	Rock	0.070	6.9	22	1.73	383	0.089	7.11	2.728	1.21	1.1	16.1	17	0.9	8.3	0.6	<0.1	1	19	30.2	0.7
1394706	Rock	0.077	7.6	19	1.60	213	0.087	7.12	2.813	1.20	1.3	15.3	19	0.9	9.4	0.5	<0.1	<1	20	27.9	0.9
1394707	Rock	0.087	7.5	25	1.78	290	0.091	7.50	2.856	1.31	2.0	16.0	20	0.9	9.4	0.5	<0.1	1	22	29.5	0.9

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Report Date: November 01, 2014

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CERTIFICATE OF ANALYSIS

WHI14000249.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1394679	Rock	28.3	0.1	<0.05	<0.005	<1	0.7	<0.5
1394680	Rock	18.7	<0.1	0.09	<0.005	<1	<0.5	<0.5
1394681	Rock Pulp	17.6	1.0	0.09	<0.005	<1	<0.5	<0.5
1394682	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1394683	Rock	22.5	0.1	0.05	<0.005	2	<0.5	<0.5
1394684	Rock	22.6	<0.1	<0.05	<0.005	2	<0.5	<0.5
1394685	Rock	22.1	<0.1	<0.05	<0.005	2	0.7	<0.5
1394686	Rock	69.4	0.3	0.08	<0.005	<1	<0.5	0.7
1394687	Rock	69.1	0.3	<0.05	<0.005	<1	<0.5	0.6
1394688	Rock	65.4	0.5	0.06	<0.005	<1	<0.5	0.5
1394689	Rock	75.3	0.8	0.07	<0.005	2	<0.5	0.6
1394690	Rock	49.3	0.6	<0.05	<0.005	2	<0.5	<0.5
1394691	Rock	64.5	0.6	<0.05	<0.005	2	<0.5	0.5
1394692	Rock	65.2	0.5	<0.05	<0.005	8	<0.5	0.6
1394693	Rock	81.5	0.7	<0.05	0.007	2	<0.5	0.6
1394694	Rock	48.5	0.6	<0.05	<0.005	2	<0.5	0.5
1394695	Rock	37.6	0.4	<0.05	<0.005	<1	<0.5	<0.5
1394696	Rock	38.0	0.4	0.06	<0.005	1	<0.5	<0.5
1394697	Rock	41.5	0.4	<0.05	<0.005	<1	<0.5	<0.5
1394698	Rock	45.3	0.3	0.07	<0.005	1	<0.5	<0.5
1394699	Rock	61.5	0.4	0.07	<0.005	<1	<0.5	<0.5
1394700	Rock	32.9	0.4	<0.05	<0.005	<1	<0.5	<0.5
1394701	Rock Pulp	18.3	1.1	0.09	<0.005	<1	<0.5	<0.5
1394702	Rock	27.8	0.4	<0.05	<0.005	1	<0.5	<0.5
1394703	Rock	27.3	0.3	<0.05	<0.005	1	<0.5	<0.5
1394704	Rock	41.2	0.5	<0.05	<0.005	1	<0.5	<0.5
1394705	Rock	31.8	0.4	0.06	<0.005	<1	<0.5	<0.5
1394706	Rock	33.1	0.4	<0.05	<0.005	<1	<0.5	<0.5
1394707	Rock	31.2	0.5	0.07	<0.005	<1	<0.5	<0.5

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1368396	Rock	2.43	0.010	1.1	39.1	26.3	128	0.4	13.3	19.2	925	5.52	10	1.4	3.5	78	0.5	0.9	0.2	189	2.53
REP 1368396	QC			1.1	39.3	27.0	126	0.4	11.8	19.4	922	5.44	10	1.4	3.5	78	0.5	0.9	0.1	187	2.49
REP 1394655	QC		0.008																		
1394657	Rock	1.86	0.019	0.6	76.1	19.3	133	0.4	15.1	28.7	1368	6.22	2	0.4	1.9	83	0.7	0.4	0.3	233	3.81
REP 1394657	QC			0.7	72.7	18.9	127	0.4	15.3	27.5	1335	6.17	1	0.4	2.0	78	0.6	0.3	0.3	229	3.72
REP 1394693	QC			0.9	60.8	24.1	196	0.7	15.1	17.4	994	4.78	11	1.0	3.1	66	1.5	0.5	0.3	137	1.86
Core Reject Duplicates																					
1394655	Rock	1.97	<0.005	0.5	43.6	31.7	104	0.2	11.3	20.6	1107	5.46	2	0.4	2.2	67	0.5	0.2	0.2	187	3.16
DUP 1394655	QC		<0.005	0.3	47.6	24.9	101	0.3	11.4	20.9	1095	5.54	1	0.4	2.1	68	0.3	0.2	0.2	185	3.12
1394693	Rock	1.74	0.115	0.9	63.7	24.6	199	0.7	14.9	17.9	978	4.76	11	1.0	3.2	67	1.8	0.4	0.2	135	1.87
DUP 1394693	QC		0.098	0.7	58.4	24.7	197	0.7	14.6	17.0	969	4.65	11	0.9	3.1	63	1.6	0.5	0.2	135	1.86
Reference Materials																					
STD OREAS25A-4A	Standard			2.0	32.3	25.5	41	0.1	46.3	7.6	425	6.45	9	2.9	16.3	41	0.2	0.6	0.3	152	0.29
STD OREAS25A-4A	Standard			2.3	33.9	26.8	41	<0.1	45.8	8.0	423	6.68	9	3.0	15.2	40	0.2	0.5	0.3	158	0.28
STD OREAS25A-4A	Standard			2.6	33.8	26.7	44	<0.1	46.4	7.6	432	6.69	10	2.8	15.3	41	<0.1	0.6	0.3	158	0.26
STD OREAS45E	Standard			2.2	795.0	19.6	45	0.3	467.0	58.2	482	24.52	16	2.7	13.9	14	<0.1	0.9	0.2	320	0.06
STD OREAS45E	Standard			2.1	780.4	20.2	46	0.4	456.4	57.9	498	24.82	17	2.6	13.2	15	<0.1	0.9	0.3	313	0.08
STD OREAS45E	Standard			2.3	801.3	19.1	46	0.4	464.3	58.9	512	25.18	16	2.5	13.3	15	<0.1	0.9	0.2	325	0.07
STD OXD108	Standard		0.429																		
STD OXD108	Standard		0.415																		
STD OXD108	Standard		0.433																		
STD OXI121	Standard		1.774																		
STD OXI121	Standard		1.797																		
STD OXI121	Standard		1.833																		
STD OXN117	Standard		7.559																		
STD OXN117	Standard		8.020																		
STD OXN117	Standard		7.964																		
STD OXD108 Expected			0.414																		

QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
1368396	Rock	0.052	11.5	21	2.99	1367	0.083	7.59	0.563	2.02	1.0	12.3	24	1.1	5.8	0.5	<0.1	1	23	57.6	0.5
REP 1368396	QC	0.057	11.9	21	2.95	1226	0.080	7.25	0.552	2.01	1.0	12.3	24	1.0	6.0	0.5	<0.1	<1	22	60.8	0.5
REP 1394655	QC																				
1394657	Rock	0.044	5.0	16	2.57	79	0.089	6.81	1.697	1.54	1.4	14.6	13	0.9	7.2	0.4	<0.1	<1	23	27.6	2.6
REP 1394657	QC	0.044	4.9	16	2.51	70	0.091	6.76	1.683	1.54	1.4	14.3	13	0.9	7.0	0.5	<0.1	1	23	28.4	2.7
REP 1394693	QC	0.066	8.1	23	1.22	62	0.092	6.71	1.244	2.62	1.9	25.9	23	1.4	7.0	0.9	<0.1	1	17	10.0	2.0
Core Reject Duplicates																					
1394655	Rock	0.057	4.7	10	1.72	49	0.091	7.26	2.056	1.98	1.6	13.2	13	1.0	6.8	0.5	<0.1	1	20	18.0	3.0
DUP 1394655	QC	0.063	4.3	10	1.71	53	0.089	7.16	2.021	1.98	1.6	13.1	12	1.1	6.9	0.5	<0.1	<1	19	18.5	3.1
1394693	Rock	0.070	8.3	21	1.24	53	0.088	6.86	1.246	2.65	1.8	25.1	22	1.3	7.0	0.7	<0.1	1	18	11.3	2.0
DUP 1394693	QC	0.064	8.3	21	1.21	61	0.089	6.87	1.213	2.60	1.9	24.5	22	1.2	6.7	0.7	<0.1	1	17	10.1	1.9
Reference Materials																					
STD OREAS25A-4A	Standard	0.051	22.6	116	0.31	148	0.960	9.20	0.132	0.49	2.0	153.9	47	3.9	8.7	19.7	1.5	<1	13	40.2	<0.1
STD OREAS25A-4A	Standard	0.048	19.8	123	0.30	149	1.009	8.82	0.140	0.53	2.1	156.9	43	4.4	8.2	20.5	1.5	1	13	38.3	<0.1
STD OREAS25A-4A	Standard	0.050	19.5	117	0.32	156	0.988	8.92	0.141	0.50	1.9	158.9	43	3.9	8.7	19.6	1.4	<1	13	38.4	<0.1
STD OREAS45E	Standard	0.034	11.2	1051	0.14	253	0.562	6.99	0.048	0.36	1.1	99.4	24	1.5	6.7	6.3	0.5	<1	95	6.5	<0.1
STD OREAS45E	Standard	0.034	9.3	969	0.15	250	0.548	6.84	0.052	0.36	1.1	99.3	20	1.3	6.2	6.0	0.6	<1	93	7.5	<0.1
STD OREAS45E	Standard	0.033	11.0	974	0.15	255	0.540	7.04	0.052	0.34	0.9	94.6	23	1.5	6.7	5.9	0.5	<1	97	6.6	<0.1
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OXD108 Expected																					

Bureau Veritas Commodities Canada Ltd.

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Project: KSD
Report Date: November 01, 2014

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
Pulp Duplicates								
1368396	Rock	55.9	0.3	<0.05	<0.005	<1	<0.5	0.5
REP 1368396	QC	54.7	0.3	<0.05	<0.005	1	<0.5	0.5
REP 1394655	QC							
1394657	Rock	33.7	0.4	<0.05	<0.005	3	<0.5	<0.5
REP 1394657	QC	37.0	0.4	<0.05	<0.005	2	<0.5	<0.5
REP 1394693	QC	75.4	0.7	0.09	<0.005	2	<0.5	0.6
Core Reject Duplicates								
1394655	Rock	56.1	0.4	0.06	<0.005	2	<0.5	<0.5
DUP 1394655	QC	56.6	0.3	<0.05	<0.005	2	<0.5	<0.5
1394693	Rock	81.5	0.7	<0.05	0.007	2	<0.5	0.6
DUP 1394693	QC	76.9	0.6	0.07	<0.005	3	<0.5	0.6
Reference Materials								
STD OREAS25A-4A	Standard	61.4	4.3	0.10	<0.005	3	<0.5	<0.5
STD OREAS25A-4A	Standard	55.8	4.5	0.13	<0.005	2	<0.5	<0.5
STD OREAS25A-4A	Standard	58.6	4.0	0.08	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	21.9	3.1	0.15	<0.005	3	<0.5	<0.5
STD OREAS45E	Standard	20.7	3.3	0.08	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	21.0	2.7	0.13	<0.005	3	<0.5	<0.5
STD OXD108	Standard							
STD OXD108	Standard							
STD OXD108	Standard							
STD OXI121	Standard							
STD OXI121	Standard							
STD OXI121	Standard							
STD OXN117	Standard							
STD OXN117	Standard							
STD OXN117	Standard							
STD OXD108 Expected								

QUALITY CONTROL REPORT

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		WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
STD OXN117 Expected		7.679																			
STD OXI121 Expected		1.834																			
STD OREAS25A-4A				2.55	33.9	25.2	44.4		45.8	8.2	470	6.6		2.94	15.8	48.5		0.67	0.35	157	0.309
STD OREAS45E Expected				2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	12.9	15.9	0.06	1	0.28	322	0.065
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	0.005																			
BLK	Blank			<0.1	0.2	0.2	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	0.2	0.5	<1	<0.1	<0.1	<0.2	1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	0.3	0.3	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	0.5	13.8	5.1	64	<0.1	0.9	4.4	793	2.16	2	1.3	3.5	205	0.1	0.1	<0.1	35	1.58
ROCK-WHI	Prep Blank		<0.005	0.6	6.1	4.3	48	<0.1	0.8	4.5	751	2.07	1	1.4	3.2	198	0.1	<0.1	<0.1	34	1.55

QUALITY CONTROL REPORT

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		MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
STD OXN117 Expected																				
STD OXI121 Expected																				
STD OREAS25A-4A		0.048	21.8	115	0.327	147	0.977	8.87	0.134	0.482	2.1		48.9	4.06	12.3	22.4	1.6	1.02	13.7	36.7
STD OREAS45E Expected		0.034	11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	23.5	1.32	8.28	6.8	0.54		93	6.58
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1
Prep Wash																				
ROCK-WHI	Prep Blank	0.045	16.3	2	0.53	999	0.227	7.37	3.429	1.94	0.5	60.8	29	0.7	15.6	6.0	0.4	1	7	3.9
ROCK-WHI	Prep Blank	0.047	14.2	2	0.53	937	0.229	7.33	3.425	1.85	0.5	61.3	26	0.9	15.1	6.1	0.4	1	6	3.8

Bureau Veritas Commodities Canada Ltd.

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Project: KSD
Report Date: November 01, 2014

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QUALITY CONTROL REPORT

WHI14000249.1

		MA200 Rb ppm 0.1	MA200 Hf ppm 0.1	MA200 In ppm 0.05	MA200 Re ppm 0.005	MA200 Se ppm 1	MA200 Te ppm 0.5	MA200 Tl ppm 0.5
STD OXN117 Expected								
STD OXI121 Expected								
STD OREAS25A-4A		61	4.53					0.35
STD OREAS45E Expected		21.2	3.11	0.099		2.97	0.1	0.09
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5
Prep Wash								
ROCK-WHI	Prep Blank	45.0	1.8	<0.05	<0.005	<1	<0.5	<0.5
ROCK-WHI	Prep Blank	43.5	2.1	<0.05	<0.005	<1	<0.5	<0.5

Bureau Veritas Commodities Canada Ltd.
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Client: **Centerra Gold**
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Submitted By: Jodie Gibson
Receiving Lab: Canada-Whitehorse
Received: November 10, 2014
Report Date: November 28, 2014
Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI14000271.1

CLIENT JOB INFORMATION

Project: KSD
Shipment ID: KSD2014-11-04
P.O. Number
Number of Samples: 136

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Centerra Gold
1 University Avenue, Suite 1500
Toronto ON M5J 2P1
CANADA

CC: Isaac Fage

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	132	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA430	136	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
MA200	136	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

CERTIFICATE OF ANALYSIS

WHI14000271.1

	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1394726	Rock	2.42	<0.005	3.3	24.5	14.7	94	0.3	18.7	7.0	450	2.66	17	2.1	5.0	113	0.8	0.6	0.3	76	2.44
1394727	Rock	2.77	0.014	4.3	17.9	12.8	87	0.3	14.7	7.0	429	2.56	15	1.5	4.2	109	0.7	0.6	0.2	59	2.13
1394728	Rock	2.64	0.009	2.6	21.3	13.7	92	0.3	16.0	8.1	456	2.58	13	1.8	5.1	119	0.5	0.5	0.2	67	2.09
1394729	Rock	2.49	0.014	2.4	20.0	13.7	87	0.3	17.0	7.8	524	2.57	14	1.2	5.0	101	0.5	0.5	0.1	70	2.45
1394730	Rock	2.26	<0.005	1.9	16.8	11.9	98	0.3	19.4	4.6	530	2.24	15	1.2	5.3	89	0.5	0.4	0.1	61	2.46
1394731	Rock	2.56	<0.005	3.2	19.1	16.0	106	0.4	22.1	6.6	521	2.48	18	1.7	6.9	100	0.6	0.6	<0.1	60	2.22
1394732	Rock	3.11	0.006	2.3	19.5	10.8	99	0.2	19.4	6.3	514	2.24	10	1.6	6.5	83	0.6	0.4	0.1	59	2.21
1348876	Rock	2.19	0.022	0.7	39.7	35.6	198	0.8	13.9	14.4	748	5.12	13	0.7	3.7	43	0.4	0.9	0.1	131	0.15
1348877	Rock	4.25	0.021	0.2	63.7	27.2	274	1.2	10.4	12.4	637	4.54	11	0.7	3.1	37	0.8	0.9	0.1	121	0.16
1348878	Rock	2.95	0.024	1.2	70.1	23.8	293	1.0	21.6	27.9	1162	6.79	9	0.4	1.6	48	0.9	0.8	0.2	187	0.93
1348879	Rock	2.89	0.014	1.0	67.6	18.9	141	1.0	31.8	32.9	1394	7.03	8	0.1	0.5	49	0.4	0.7	0.2	273	2.38
1348880	Rock	3.37	0.011	0.4	95.4	14.4	129	1.0	41.4	38.5	1690	7.38	5	0.2	0.7	87	0.2	0.7	0.2	272	4.09
1348881	Rock Pulp	0.12	1.961	4.1	40.6	10.0	78	0.5	38.5	16.6	875	4.32	10	0.7	1.8	275	0.3	3.3	0.2	146	2.85
1348882	Rock	2.75	0.028	1.0	63.0	18.9	138	1.0	33.7	37.7	2127	7.13	7	0.3	0.9	102	0.6	0.8	0.2	234	4.52
1348883	Rock	1.89	0.021	0.9	73.2	17.0	239	1.0	24.0	46.6	2555	6.63	9	0.4	1.3	39	3.6	0.6	0.2	196	0.90
1348884	Rock	2.64	0.015	0.9	82.4	28.2	203	1.4	24.9	31.0	1565	6.24	6	0.2	1.2	51	1.2	0.6	0.3	188	1.99
1348885	Rock	2.84	0.017	0.7	27.1	40.2	315	0.5	8.9	16.8	1283	4.81	6	0.8	4.0	59	4.4	0.6	<0.1	103	1.33
1348886	Rock	2.47	0.019	0.8	33.2	35.8	234	0.5	12.3	11.0	497	4.39	9	0.9	4.3	40	1.2	0.6	<0.1	108	0.25
1348887	Rock	2.63	0.019	0.8	37.1	27.0	209	0.6	11.5	9.9	402	4.58	10	0.8	4.4	34	0.1	0.7	<0.1	108	0.10
1348888	Rock	2.85	0.026	0.6	42.0	70.7	226	0.5	7.4	9.2	315	4.79	7	0.7	1.6	31	0.2	0.6	<0.1	119	0.05
1348889	Rock	2.37	0.021	1.3	44.0	35.6	316	0.5	7.1	13.7	411	5.97	8	0.9	1.9	28	0.4	0.6	<0.1	133	0.07
1348890	Rock	2.56	0.015	3.6	60.6	54.0	302	0.7	11.0	12.0	365	5.63	8	1.2	2.5	23	0.7	1.4	<0.1	136	0.08
1348891	Rock	2.63	0.019	3.4	106.3	79.6	482	1.2	24.2	18.4	399	5.95	15	1.3	2.6	34	6.0	1.7	<0.1	211	0.31
1348892	Rock	2.83	0.041	0.9	51.7	61.1	421	1.1	11.1	16.0	512	5.52	10	0.9	2.2	41	4.1	1.2	<0.1	155	0.62
1348893	Rock	3.11	0.032	0.5	165.4	39.4	436	1.9	6.3	22.5	921	6.60	15	0.8	2.1	39	5.2	1.3	<0.1	139	0.92
1348894	Rock	2.72	0.021	1.0	78.8	152.2	549	1.2	6.8	19.2	704	7.24	9	1.1	2.6	43	5.9	1.0	<0.1	139	0.62
1348895	Rock	2.89	0.025	2.0	56.7	1596.7	681	4.0	5.6	6.6	248	5.91	5	1.2	2.8	81	2.7	1.4	<0.1	146	0.08
1348896	Rock	2.92	0.025	1.2	67.0	877.0	1511	2.9	22.8	22.3	1009	6.72	7	0.8	1.7	38	18.0	1.3	<0.1	158	1.02
1348897	Rock	2.98	0.015	1.0	42.0	417.6	750	1.6	7.5	21.2	1143	6.50	6	0.8	2.5	37	7.7	0.9	<0.1	130	1.23
1348898	Rock	2.95	0.020	1.3	46.6	106.9	502	1.3	16.8	25.0	1601	6.02	12	0.7	2.1	48	4.6	1.1	<0.1	162	2.09

CERTIFICATE OF ANALYSIS

WHI14000271.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1394726	Rock	0.066	14.8	38	1.30	423	0.212	4.65	1.411	1.52	1.1	18.9	27	1.1	11.8	5.5	0.4	1	10	15.0	0.3
1394727	Rock	0.067	14.4	35	1.13	490	0.201	4.67	1.704	1.30	1.2	27.4	30	1.1	10.1	4.5	0.3	2	10	11.9	0.3
1394728	Rock	0.075	16.9	29	1.16	737	0.188	5.03	1.931	1.64	1.5	30.1	34	1.2	10.4	4.8	0.3	<1	11	12.0	0.2
1394729	Rock	0.069	16.2	30	1.20	843	0.185	4.68	1.516	1.46	1.2	24.8	30	1.3	10.0	4.4	0.3	<1	10	11.3	0.2
1394730	Rock	0.069	17.5	24	0.97	1855	0.133	4.33	0.939	1.71	1.1	24.9	33	1.1	8.1	3.1	0.2	1	8	11.5	0.1
1394731	Rock	0.072	25.0	26	1.15	1073	0.149	4.51	0.847	1.64	1.3	34.2	45	1.3	10.7	4.0	0.2	<1	8	13.1	0.3
1394732	Rock	0.070	24.4	27	1.02	1796	0.113	4.36	0.840	1.72	1.3	25.7	46	1.1	8.4	3.1	0.2	2	7	10.2	<0.1
1348876	Rock	0.064	10.5	27	2.43	3881	0.090	6.44	0.902	2.19	1.3	34.1	24	1.3	5.4	1.0	<0.1	1	18	25.8	<0.1
1348877	Rock	0.081	9.4	21	2.00	3385	0.076	6.20	0.862	2.46	1.6	40.8	22	1.6	4.5	0.6	<0.1	2	16	20.8	0.1
1348878	Rock	0.075	5.4	49	4.14	975	0.085	7.78	1.415	1.70	1.1	27.7	15	1.1	4.3	0.5	<0.1	<1	22	42.4	0.4
1348879	Rock	0.048	3.1	35	4.00	315	0.083	7.34	0.747	1.91	0.9	8.4	8	0.7	4.6	0.2	<0.1	<1	24	37.0	1.0
1348880	Rock	0.042	4.0	52	4.57	563	0.065	8.50	1.470	1.29	0.8	7.6	10	0.5	5.8	0.2	<0.1	<1	33	41.3	0.9
1348881	Rock Pulp	0.072	9.7	63	1.53	527	0.411	6.86	2.526	1.06	27.1	34.8	20	1.2	14.8	4.4	0.3	<1	17	16.6	<0.1
1348882	Rock	0.050	4.9	43	3.88	315	0.063	7.47	1.345	1.29	1.2	11.6	14	0.7	8.4	0.2	<0.1	<1	31	34.7	1.6
1348883	Rock	0.067	3.7	24	3.80	446	0.071	7.33	1.342	1.64	0.7	31.5	10	1.0	7.5	0.4	<0.1	1	19	36.0	0.6
1348884	Rock	0.055	4.0	37	3.95	223	0.066	6.99	1.148	1.36	0.9	17.5	11	0.7	5.1	0.3	<0.1	<1	21	38.9	0.9
1348885	Rock	0.083	12.9	11	3.02	322	0.083	7.15	1.050	1.84	1.1	50.9	30	1.3	8.0	0.6	<0.1	2	16	28.7	0.5
1348886	Rock	0.082	14.2	32	2.04	744	0.074	6.50	0.574	2.47	0.8	46.7	32	1.4	5.5	0.6	<0.1	2	16	25.6	0.3
1348887	Rock	0.073	12.2	34	1.84	427	0.067	5.80	0.282	1.94	1.1	39.1	27	0.9	3.8	0.5	<0.1	<1	17	21.7	0.3
1348888	Rock	0.070	3.4	11	2.41	475	0.071	6.25	0.863	1.70	0.9	36.6	10	0.9	1.9	0.5	<0.1	2	16	29.1	0.3
1348889	Rock	0.091	5.2	10	3.13	288	0.084	6.91	1.391	1.62	0.8	47.1	14	1.1	2.6	0.6	<0.1	1	18	32.4	0.5
1348890	Rock	0.087	7.0	20	2.77	205	0.082	6.71	1.555	1.59	1.0	46.1	17	0.9	3.2	0.5	<0.1	2	18	33.7	0.7
1348891	Rock	0.075	7.6	44	2.44	98	0.086	6.69	1.437	2.02	1.1	49.2	19	0.9	4.1	0.5	<0.1	1	21	37.7	1.9
1348892	Rock	0.081	7.8	18	1.91	31	0.089	6.02	1.482	2.10	1.8	39.3	21	0.8	5.0	0.4	<0.1	<1	18	24.8	2.9
1348893	Rock	0.086	7.1	7	2.22	43	0.080	6.35	1.397	1.98	2.0	29.2	20	0.8	5.9	0.3	<0.1	<1	19	31.0	3.9
1348894	Rock	0.094	8.1	10	1.97	35	0.086	6.88	1.441	2.41	1.4	43.0	22	1.0	6.3	0.5	<0.1	1	22	33.2	4.4
1348895	Rock	0.076	9.4	12	1.86	70	0.104	6.91	1.713	2.21	1.1	49.7	25	1.3	3.2	0.6	<0.1	1	21	26.1	1.9
1348896	Rock	0.076	6.0	27	2.99	47	0.088	6.67	1.116	2.00	1.4	35.8	16	0.9	4.3	0.4	<0.1	<1	21	32.6	3.9
1348897	Rock	0.092	8.4	8	2.49	26	0.080	6.26	1.443	1.83	1.6	34.0	22	0.8	5.5	0.4	<0.1	1	18	27.4	4.1
1348898	Rock	0.066	7.8	21	3.02	71	0.078	6.58	0.963	1.90	0.7	31.2	19	0.8	5.6	0.4	<0.1	<1	21	28.4	3.1

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Project: KSD
Report Date: November 28, 2014

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1394726	Rock	41.5	0.5	0.05	0.009	1	1.2	<0.5
1394727	Rock	37.0	0.8	0.05	<0.005	<1	0.7	<0.5
1394728	Rock	47.1	1.3	0.06	<0.005	<1	<0.5	<0.5
1394729	Rock	49.3	0.8	<0.05	<0.005	<1	0.7	<0.5
1394730	Rock	50.5	0.7	<0.05	<0.005	1	<0.5	<0.5
1394731	Rock	57.5	0.8	<0.05	<0.005	<1	0.7	0.5
1394732	Rock	57.0	0.9	<0.05	<0.005	<1	<0.5	<0.5
1348876	Rock	50.6	1.0	0.12	<0.005	<1	<0.5	<0.5
1348877	Rock	65.9	1.2	0.05	<0.005	<1	<0.5	0.5
1348878	Rock	20.1	0.8	0.09	<0.005	<1	<0.5	<0.5
1348879	Rock	18.7	0.3	0.06	<0.005	<1	0.6	<0.5
1348880	Rock	21.8	0.2	<0.05	<0.005	<1	0.9	<0.5
1348881	Rock Pulp	19.9	1.2	<0.05	<0.005	<1	0.6	<0.5
1348882	Rock	23.0	0.4	0.10	<0.005	2	1.7	<0.5
1348883	Rock	18.6	0.9	0.10	<0.005	<1	<0.5	<0.5
1348884	Rock	18.0	0.5	0.07	<0.005	<1	<0.5	<0.5
1348885	Rock	57.5	1.5	0.12	<0.005	<1	0.8	<0.5
1348886	Rock	69.7	1.3	0.06	<0.005	<1	<0.5	0.6
1348887	Rock	60.8	1.2	<0.05	<0.005	<1	<0.5	<0.5
1348888	Rock	33.1	1.0	0.07	<0.005	<1	<0.5	<0.5
1348889	Rock	35.5	1.2	0.08	<0.005	<1	<0.5	<0.5
1348890	Rock	43.7	1.4	0.06	<0.005	<1	<0.5	0.5
1348891	Rock	50.6	1.3	0.06	<0.005	<1	<0.5	0.7
1348892	Rock	64.7	1.2	0.05	<0.005	1	<0.5	0.7
1348893	Rock	62.2	0.8	0.06	<0.005	1	<0.5	0.6
1348894	Rock	81.2	1.3	0.07	<0.005	<1	<0.5	0.9
1348895	Rock	77.1	1.4	0.11	<0.005	4	<0.5	0.8
1348896	Rock	56.9	1.1	0.08	<0.005	2	<0.5	0.8
1348897	Rock	60.2	1.0	0.14	<0.005	2	<0.5	0.7
1348898	Rock	65.8	0.8	0.08	<0.005	1	<0.5	0.7

CERTIFICATE OF ANALYSIS

WHI14000271.1

	Method	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
Analyte	Unit	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
MDL		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1348899	Rock	3.14	0.025	1.6	54.4	152.2	579	1.5	12.0	18.8	1521	5.40	20	0.6	3.0	54	5.4	1.3	<0.1	106	2.15
1348900	Rock	1.92	0.031	1.7	47.9	190.5	346	1.6	10.3	12.3	1186	4.54	9	0.8	3.1	51	4.5	1.2	<0.1	89	1.68
1348901	Rock	0.94	<0.005	<0.1	2.7	2.5	20	<0.1	3.6	1.0	258	0.54	<1	1.3	0.1	54	0.1	<0.1	<0.1	2	21.79
1348902	Rock	2.67	0.033	1.4	66.6	182.6	411	1.8	26.1	24.0	1695	5.83	10	0.8	1.9	54	4.3	1.2	0.3	179	1.85
1348903	Rock	2.07	0.018	0.8	57.5	96.8	558	2.0	13.3	15.1	1084	5.13	9	1.2	1.9	69	4.3	1.0	0.2	157	0.66
1348904	Rock	2.17	0.027	1.3	63.7	82.8	339	3.7	9.9	17.9	1135	5.93	11	1.0	2.1	77	2.0	1.4	0.2	196	0.98
1348905	Rock	3.09	0.011	4.9	17.2	97.8	188	1.8	7.0	15.4	1240	5.40	7	0.9	2.2	49	1.7	0.7	0.4	150	1.55
1348906	Rock	2.88	0.016	0.9	14.2	29.9	153	1.1	5.4	19.3	1514	5.85	5	1.0	2.3	61	1.7	0.8	0.1	147	2.21
1348907	Rock	2.76	0.015	0.8	22.9	36.0	200	1.7	4.4	14.9	1135	5.50	6	0.8	1.7	95	1.2	0.9	0.2	140	1.87
1335551	Rock	0.93	0.065	1.5	117.9	29.3	245	1.6	37.8	32.0	1290	6.98	15	0.5	1.1	32	2.1	0.8	0.5	222	0.49
1335552	Rock	2.80	0.017	1.3	57.5	15.0	112	1.0	34.1	38.4	1843	7.16	14	0.4	0.7	79	0.6	0.8	0.2	249	5.69
1335553	Rock	3.30	0.028	1.1	89.6	14.1	100	1.2	35.1	38.6	1916	6.56	17	0.2	0.5	103	0.7	0.9	0.2	231	6.66
1335554	Rock	2.75	0.084	0.6	111.7	12.6	127	1.2	33.8	38.0	1793	6.35	21	0.2	0.5	63	0.9	0.9	0.2	237	5.42
1335555	Rock	2.46	0.035	0.6	96.7	12.2	171	1.1	36.2	43.5	1735	6.56	7	0.3	1.1	56	1.9	0.4	0.2	211	4.38
1335556	Rock	2.63	0.038	1.3	75.7	14.6	295	1.1	41.6	43.7	1659	6.72	15	0.6	1.9	43	3.0	0.5	0.6	176	1.61
1335557	Rock	3.08	0.030	1.4	66.7	14.7	269	1.2	66.9	38.5	2043	7.03	13	0.4	1.7	46	2.6	0.5	0.6	199	3.01
1335558	Rock	2.57	0.013	1.9	65.9	11.5	145	1.2	43.3	28.8	1163	5.65	12	0.3	1.5	31	1.2	0.5	0.7	168	1.74
1335559	Rock	2.56	0.014	2.6	50.7	14.0	205	1.0	83.5	30.9	1768	6.44	12	0.3	1.5	62	2.1	0.4	0.6	187	4.71
1335560	Rock	2.80	0.025	0.9	55.7	17.2	157	0.8	52.9	29.8	1511	6.10	15	0.5	2.2	70	1.0	0.7	0.3	164	4.53
1335561	Rock Pulp	0.15	2.070	3.7	41.3	9.7	76	0.5	41.4	16.5	868	4.43	12	0.7	1.9	290	0.2	2.9	0.2	148	2.92
1335562	Rock	2.37	0.517	2.4	59.8	13.0	212	0.5	24.7	26.4	964	6.11	15	0.9	3.7	39	1.1	0.7	0.2	178	1.84
1335563	Rock	2.60	0.021	0.3	72.4	18.8	146	0.6	20.8	34.0	1271	6.37	9	0.2	1.1	54	1.2	0.4	<0.1	229	3.23
1335564	Rock	2.49	0.011	0.7	48.3	13.0	218	0.4	9.5	17.0	653	6.03	7	0.4	1.0	28	0.6	0.6	<0.1	201	0.21
1335565	Rock	2.76	0.027	0.3	61.2	17.7	106	0.5	11.6	20.5	993	5.21	14	0.6	2.6	55	0.5	0.5	0.2	142	1.76
1335566	Rock	2.91	0.015	0.5	79.8	19.5	136	0.7	27.6	34.9	1604	6.28	8	0.4	1.7	72	0.6	0.5	<0.1	201	3.15
1335567	Rock	1.99	0.011	0.5	47.8	14.2	266	0.5	8.9	18.6	704	5.76	6	0.5	1.2	32	1.3	0.5	<0.1	147	0.30
1335568	Rock	2.14	0.085	0.6	31.4	19.0	281	0.3	5.3	16.7	668	4.87	5	0.7	2.4	33	1.6	0.4	<0.1	77	0.26
1335569	Rock	2.26	0.013	0.9	40.7	21.3	270	0.5	6.5	16.8	734	5.62	7	0.7	2.3	35	1.3	0.5	<0.1	116	0.54
1335570	Rock	2.99	0.018	1.0	44.5	25.4	294	0.8	6.7	21.6	1306	5.31	7	0.6	2.3	48	3.1	0.4	<0.1	123	1.39
1335571	Rock	2.81	0.013	1.5	57.0	25.5	379	0.4	8.8	21.0	565	5.83	6	1.1	2.0	43	1.3	0.5	<0.1	114	0.31

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.01	0.1	0.1	1	0.1	0.1	0.1	1	1	0.1	0.1
1348899	Rock	0.078	9.3	19	1.93	46	0.069	6.13	0.873	2.18	1.2	38.0	23	1.0	7.5	0.5	<0.1	<1	17	17.8	3.5
1348900	Rock	0.082	9.6	21	1.98	47	0.084	5.55	0.854	1.79	0.9	35.9	23	0.8	5.6	0.6	<0.1	<1	16	19.7	2.9
1348901	Rock	0.020	1.0	1	13.10	29	0.004	0.11	0.008	0.05	<0.1	0.4	2	<0.1	1.2	0.3	<0.1	<1	<1	1.5	<0.1
1348902	Rock	0.063	8.0	31	3.19	45	0.079	6.71	0.757	2.04	1.1	31.0	17	0.7	5.2	0.4	<0.1	2	23	32.7	2.8
1348903	Rock	0.068	4.4	15	3.21	108	0.097	6.95	0.829	2.22	0.8	57.0	14	1.1	4.3	0.7	<0.1	1	18	30.3	1.4
1348904	Rock	0.067	5.2	13	3.47	176	0.120	7.87	0.523	2.62	1.0	54.8	16	1.0	4.6	0.6	<0.1	2	22	29.6	2.1
1348905	Rock	0.086	3.9	9	3.52	90	0.120	7.30	1.652	1.97	0.8	44.8	14	1.7	4.7	0.9	<0.1	<1	17	22.3	3.5
1348906	Rock	0.088	5.3	10	3.85	95	0.136	7.70	1.737	1.71	1.0	43.4	18	1.1	5.6	1.1	<0.1	<1	18	25.7	3.7
1348907	Rock	0.097	2.9	9	3.51	133	0.131	7.40	1.258	2.06	1.0	45.0	10	1.3	5.4	1.0	<0.1	2	18	26.3	3.5
1335551	Rock	0.050	2.9	57	3.24	1076	0.066	6.63	1.648	1.39	1.0	19.0	8	0.9	4.8	0.3	<0.1	1	26	30.2	0.3
1335552	Rock	0.035	4.9	50	4.26	917	0.064	7.38	1.364	0.87	1.4	5.3	12	0.2	7.4	0.2	<0.1	1	39	30.0	1.6
1335553	Rock	0.027	5.0	53	3.80	366	0.060	7.02	1.238	0.97	1.6	3.5	11	0.3	7.2	<0.1	<0.1	1	37	27.0	1.6
1335554	Rock	0.030	3.6	48	3.24	623	0.059	6.84	1.244	1.31	1.2	3.6	8	0.3	6.5	0.1	<0.1	<1	36	26.8	0.9
1335555	Rock	0.045	4.5	52	3.35	915	0.064	6.87	1.312	0.96	1.2	9.4	11	0.4	9.2	0.2	<0.1	1	33	27.5	0.4
1335556	Rock	0.074	6.6	71	2.62	380	0.062	7.58	1.656	1.76	1.2	21.4	17	0.7	9.4	0.3	<0.1	1	27	25.8	0.5
1335557	Rock	0.049	5.9	114	3.59	201	0.063	7.42	1.171	1.59	1.0	24.2	15	1.0	8.3	0.2	<0.1	<1	26	29.4	1.0
1335558	Rock	0.054	4.9	96	2.72	84	0.061	6.46	0.931	1.75	0.8	17.7	12	0.7	6.5	0.3	<0.1	<1	26	21.3	1.2
1335559	Rock	0.047	6.1	143	3.60	323	0.054	7.01	1.156	1.06	0.9	15.3	15	0.7	8.3	0.2	<0.1	<1	28	30.8	1.3
1335560	Rock	0.054	7.2	91	3.21	232	0.069	7.22	1.275	1.46	1.2	26.8	19	0.9	7.8	0.5	<0.1	<1	26	29.0	1.4
1335561	Rock Pulp	0.071	9.2	63	1.57	565	0.416	6.98	2.562	1.06	24.4	28.6	20	1.1	14.0	4.3	0.3	<1	17	17.2	<0.1
1335562	Rock	0.062	11.8	37	2.40	694	0.074	7.68	1.101	1.94	1.3	36.8	26	1.2	7.2	0.6	<0.1	<1	25	24.7	0.4
1335563	Rock	0.050	4.4	20	3.10	820	0.054	7.79	1.912	1.19	0.7	9.2	11	0.5	6.1	0.2	<0.1	<1	26	30.0	0.5
1335564	Rock	0.074	2.3	13	3.38	1683	0.077	7.03	1.808	1.54	0.6	25.9	6	0.8	2.4	0.4	<0.1	1	18	32.9	<0.1
1335565	Rock	0.073	8.6	15	2.26	78	0.085	7.60	2.610	1.51	0.7	21.7	21	1.0	7.6	0.5	<0.1	<1	18	22.5	1.2
1335566	Rock	0.041	6.2	29	4.35	465	0.057	8.13	2.273	0.83	0.7	31.1	14	0.4	5.7	0.2	<0.1	<1	29	31.2	1.1
1335567	Rock	0.089	3.8	10	3.19	1263	0.065	6.60	1.328	1.51	0.6	20.0	10	0.7	3.7	0.3	<0.1	2	16	32.3	0.3
1335568	Rock	0.101	7.4	5	2.75	1664	0.067	6.48	1.426	1.69	0.5	32.2	20	1.0	5.3	0.3	<0.1	1	14	28.8	0.2
1335569	Rock	0.094	8.1	7	3.04	427	0.076	6.88	1.368	1.73	0.7	30.5	19	0.9	5.4	0.4	<0.1	1	17	30.6	0.5
1335570	Rock	0.083	8.6	7	2.99	262	0.068	6.80	1.333	1.53	0.8	26.8	20	0.8	8.1	0.4	<0.1	<1	17	26.1	0.6
1335571	Rock	0.104	5.9	8	2.95	1325	0.078	7.39	1.682	1.60	0.7	22.6	18	0.7	6.1	0.4	<0.1	1	16	44.2	0.2

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Project: KSD
Report Date: November 28, 2014

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1348899	Rock	66.9	1.0	0.06	<0.005	2	<0.5	0.8
1348900	Rock	62.5	1.1	0.06	<0.005	1	<0.5	0.7
1348901	Rock	1.4	<0.1	<0.05	<0.005	<1	5.4	<0.5
1348902	Rock	61.3	0.8	<0.05	<0.005	<1	<0.5	0.7
1348903	Rock	47.9	1.7	0.10	<0.005	1	<0.5	0.7
1348904	Rock	52.0	1.7	0.10	<0.005	<1	<0.5	0.7
1348905	Rock	65.0	1.2	<0.05	0.015	2	0.5	0.6
1348906	Rock	51.6	1.2	<0.05	<0.005	<1	<0.5	<0.5
1348907	Rock	50.4	1.3	0.07	<0.005	<1	0.9	0.5
1335551	Rock	22.9	0.6	0.13	<0.005	2	<0.5	<0.5
1335552	Rock	33.8	0.2	<0.05	<0.005	1	<0.5	<0.5
1335553	Rock	36.5	0.1	0.05	<0.005	<1	2.4	<0.5
1335554	Rock	37.4	0.1	0.07	<0.005	<1	1.0	<0.5
1335555	Rock	28.2	0.2	0.14	<0.005	1	2.1	<0.5
1335556	Rock	50.1	0.5	<0.05	<0.005	1	0.8	<0.5
1335557	Rock	35.9	0.7	0.11	<0.005	2	0.7	<0.5
1335558	Rock	49.9	0.5	0.08	<0.005	2	<0.5	<0.5
1335559	Rock	36.7	0.5	0.13	<0.005	<1	2.1	<0.5
1335560	Rock	39.9	0.8	0.08	<0.005	<1	0.7	<0.5
1335561	Rock Pulp	20.7	1.2	0.06	<0.005	<1	0.7	<0.5
1335562	Rock	68.4	1.0	<0.05	<0.005	<1	<0.5	<0.5
1335563	Rock	18.3	0.2	<0.05	<0.005	1	<0.5	<0.5
1335564	Rock	18.9	0.7	<0.05	<0.005	<1	0.6	<0.5
1335565	Rock	45.2	0.6	0.08	<0.005	1	<0.5	<0.5
1335566	Rock	25.9	0.3	0.05	<0.005	<1	1.9	<0.5
1335567	Rock	22.2	0.5	<0.05	<0.005	<1	<0.5	<0.5
1335568	Rock	37.6	0.8	<0.05	<0.005	<1	<0.5	<0.5
1335569	Rock	37.3	0.9	0.09	<0.005	<1	<0.5	<0.5
1335570	Rock	35.9	0.7	0.08	<0.005	<1	<0.5	<0.5
1335571	Rock	37.7	0.8	0.09	<0.005	<1	<0.5	<0.5

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1335572	Rock	2.89	0.619	1.0	54.7	29.6	336	0.5	13.7	17.7	549	5.53	12	1.1	3.6	55	1.3	0.7	<0.1	143	0.26
1335573	Rock	2.34	0.020	0.7	55.4	26.3	341	0.6	8.4	10.9	530	5.80	10	1.6	4.1	104	0.5	0.7	<0.1	97	0.20
1335574	Rock	1.94	0.010	0.6	53.0	21.1	271	0.4	4.0	6.3	460	4.97	6	1.3	1.7	96	1.3	0.6	<0.1	73	0.16
1335575	Rock	1.46	0.008	0.6	56.3	21.3	275	0.4	5.1	6.2	502	5.17	7	1.4	2.1	114	1.2	0.6	<0.1	74	0.15
1335576	Rock	2.01	0.008	0.9	43.8	39.2	219	0.3	2.6	3.2	477	5.31	5	1.1	1.9	99	1.0	1.1	<0.1	60	0.10
1335577	Rock	2.46	0.008	2.0	81.2	204.9	389	0.6	3.9	3.8	611	5.43	6	1.3	1.6	120	1.6	1.9	<0.1	70	0.12
1335578	Rock	1.75	0.021	5.5	130.3	1069.4	1013	3.0	3.0	4.7	733	7.09	9	4.3	4.9	139	3.8	15.4	0.2	72	0.21
1335579	Rock	2.03	0.019	1.1	79.1	224.6	392	0.8	5.0	6.9	550	5.60	9	1.8	2.5	97	1.3	1.8	<0.1	36	0.18
1335580	Rock	1.42	0.008	1.4	42.9	202.7	489	0.8	5.9	14.2	901	4.79	6	1.1	2.1	85	4.1	1.3	0.3	82	0.77
1335581	Rock	1.31	<0.005	<0.1	2.0	2.3	16	<0.1	2.0	0.6	244	0.52	<1	0.7	<0.1	55	<0.1	<0.1	<0.1	1	21.40
1335582	Rock	1.04	0.011	1.6	42.5	147.2	279	1.0	9.4	17.1	1258	4.85	6	1.0	2.5	119	2.4	1.5	0.2	104	2.40
1335583	Rock	1.18	0.008	1.8	31.8	102.2	205	0.6	6.9	11.9	756	4.46	8	1.5	3.5	143	1.6	1.2	0.2	78	2.19
1335601	Rock Pulp	0.12	2.141	3.7	36.2	9.9	72	0.3	35.9	15.6	790	4.08	10	0.6	1.9	296	0.2	3.1	0.2	135	2.70
1335602	Rock	1.93	0.018	1.5	130.4	425.9	782	0.7	9.8	5.4	1003	6.17	10	1.4	2.0	43	0.4	1.4	0.1	182	0.12
1335603	Rock	2.60	0.015	1.9	289.5	1113.7	1057	1.1	9.3	5.6	1055	7.36	13	2.1	2.0	55	0.6	1.8	<0.1	158	0.12
1335604	Rock	2.77	0.021	3.4	381.3	1820.1	1345	1.5	10.9	5.5	1166	8.11	11	2.1	1.8	46	0.5	2.2	<0.1	176	0.11
1335605	Rock	2.07	0.018	4.4	485.4	1564.3	1178	1.3	14.5	7.2	1170	9.55	14	2.5	1.9	50	0.5	2.2	<0.1	219	0.11
1335606	Rock	2.77	0.017	2.5	248.6	1750.0	1340	2.1	7.0	2.3	1312	7.83	9	1.6	1.7	44	0.4	2.1	<0.1	227	0.07
1335607	Rock	2.87	0.016	1.2	226.7	1786.8	1444	2.1	7.2	2.2	1354	7.59	9	2.4	3.3	72	0.7	1.6	0.1	251	0.09
1335608	Rock	3.40	0.074	1.3	126.3	578.6	640	1.2	8.2	2.0	590	5.03	17	1.9	3.6	143	0.6	1.6	0.1	152	0.09
1335609	Rock	1.96	0.069	1.0	33.2	117.5	206	0.8	5.0	3.5	271	3.75	15	1.3	4.2	201	0.3	1.1	0.3	100	0.07
1335610	Rock	2.89	0.029	0.9	23.9	45.6	127	0.4	5.8	4.1	257	3.86	12	1.5	4.8	144	0.3	0.9	0.4	109	0.12
1335611	Rock	2.31	0.016	0.8	53.2	36.9	168	0.6	43.1	26.9	1357	5.96	10	0.6	1.4	114	0.7	1.6	0.2	215	3.60
1335612	Rock	1.91	0.010	0.5	59.5	16.1	100	0.5	63.7	32.9	1276	5.95	7	0.4	1.0	133	0.3	2.1	0.1	261	5.31
1335613	Rock	2.01	0.027	0.3	52.4	21.4	90	0.4	67.1	28.2	1140	5.38	5	0.4	0.9	207	0.2	2.1	<0.1	245	6.20
1335614	Rock	1.76	0.014	0.2	80.6	24.6	107	0.6	69.1	31.2	1148	5.23	13	0.3	0.7	197	0.4	1.9	<0.1	239	6.12
1335615	Rock	1.47	0.009	2.6	50.4	18.2	92	0.5	44.0	22.9	941	5.19	8	0.7	2.2	102	0.3	1.1	0.3	180	4.09
1335616	Rock	2.47	0.013	1.1	46.9	14.7	87	0.6	49.5	25.8	1117	5.11	8	0.9	1.8	119	0.3	1.4	0.3	189	5.19
1335617	Rock	2.26	0.010	0.3	53.5	13.8	87	0.4	75.8	33.7	1175	5.69	5	0.4	0.8	163	0.3	1.6	<0.1	262	5.47
1335618	Rock	2.18	0.039	1.0	63.3	15.6	201	0.7	44.5	30.0	1429	5.99	10	0.6	1.5	117	1.8	1.5	0.2	216	5.24

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	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1335572	Rock	0.080	10.1	27	2.00	1827	0.079	6.74	0.443	2.26	0.9	27.4	23	0.9	6.8	0.5	<0.1	2	19	30.4	0.2
1335573	Rock	0.110	12.2	20	2.17	1976	0.085	6.93	0.892	2.35	1.1	31.7	26	1.1	5.9	0.5	<0.1	1	18	25.8	0.3
1335574	Rock	0.079	6.7	6	2.01	882	0.057	5.25	0.516	1.57	1.1	20.7	15	0.7	3.6	0.2	<0.1	<1	16	27.2	0.2
1335575	Rock	0.079	7.6	7	2.10	894	0.067	5.76	0.488	1.50	1.2	21.5	18	0.8	3.9	0.2	<0.1	1	17	29.4	0.2
1335576	Rock	0.061	6.2	4	2.83	198	0.135	6.92	0.456	2.18	1.3	44.1	16	1.2	2.8	0.7	<0.1	2	19	29.5	0.9
1335577	Rock	0.068	4.5	8	3.12	173	0.103	6.49	0.944	1.49	0.9	58.9	11	1.0	2.7	0.5	<0.1	<1	19	35.3	1.0
1335578	Rock	0.110	11.7	4	5.75	1346	0.128	9.69	0.580	1.47	1.0	207.9	30	1.4	7.1	0.8	<0.1	1	26	52.0	1.4
1335579	Rock	0.108	7.0	4	2.66	118	0.086	6.42	1.940	1.36	0.8	39.8	19	1.0	4.4	0.5	<0.1	1	16	32.4	1.2
1335580	Rock	0.068	7.7	11	2.81	70	0.076	6.28	1.673	1.16	0.5	33.1	18	0.9	5.3	0.4	<0.1	<1	15	22.8	1.1
1335581	Rock	0.019	1.1	2	12.85	54	0.003	0.06	0.005	0.02	<0.1	0.3	2	<0.1	1.0	0.2	<0.1	<1	<1	0.7	<0.1
1335582	Rock	0.065	8.4	18	2.80	81	0.111	6.65	1.469	1.06	0.5	29.7	21	0.8	8.3	0.9	<0.1	<1	17	20.7	1.2
1335583	Rock	0.072	12.7	15	2.17	119	0.281	6.16	1.548	1.12	0.7	18.2	27	0.9	12.7	3.9	0.2	<1	17	15.7	0.8
1335601	Rock Pulp	0.071	8.2	52	1.45	514	0.401	6.36	2.356	0.91	25.4	29.1	18	1.0	15.3	4.1	0.3	<1	16	17.6	<0.1
1335602	Rock	0.064	3.9	23	3.27	1491	0.108	6.43	1.745	1.28	0.9	67.4	11	1.0	2.4	0.7	<0.1	1	18	25.1	0.1
1335603	Rock	0.115	3.5	12	3.29	1184	0.089	6.69	1.580	0.82	1.0	83.1	9	0.8	2.4	0.3	<0.1	<1	20	25.2	0.2
1335604	Rock	0.118	2.2	13	3.48	1219	0.094	6.61	1.671	0.82	0.7	91.5	5	0.7	1.6	0.3	<0.1	<1	20	25.5	0.2
1335605	Rock	0.122	2.7	12	3.21	1541	0.083	7.08	1.319	1.13	1.2	94.4	7	0.7	2.4	0.2	<0.1	<1	25	24.1	0.1
1335606	Rock	0.076	4.7	8	3.91	1340	0.111	7.15	1.558	1.12	2.1	82.4	13	0.7	1.9	0.3	<0.1	<1	24	22.7	0.3
1335607	Rock	0.082	11.5	10	4.27	1267	0.132	8.31	1.395	1.33	1.1	77.4	26	0.7	3.4	0.5	<0.1	<1	28	27.3	0.4
1335608	Rock	0.082	8.6	30	2.31	392	0.104	5.53	1.148	1.70	1.3	68.4	21	1.1	3.6	0.8	<0.1	1	16	18.3	0.2
1335609	Rock	0.051	8.5	20	1.07	242	0.097	5.00	1.040	2.08	1.0	56.5	23	1.3	3.4	1.1	<0.1	<1	13	9.6	0.3
1335610	Rock	0.062	12.3	14	1.52	362	0.112	6.16	1.804	2.00	0.8	51.8	31	1.6	5.9	1.3	<0.1	<1	14	12.3	0.3
1335611	Rock	0.050	5.8	89	3.35	674	0.225	7.35	1.226	1.26	1.7	15.8	14	0.8	8.7	0.7	<0.1	<1	26	19.8	0.4
1335612	Rock	0.042	6.0	124	4.10	776	0.405	8.40	1.516	0.97	3.7	3.5	15	0.8	11.8	1.1	<0.1	<1	30	22.1	0.5
1335613	Rock	0.041	5.2	132	3.89	923	0.363	8.28	1.738	0.78	3.3	4.9	12	0.6	10.9	0.9	<0.1	<1	30	20.8	0.3
1335614	Rock	0.038	5.1	138	3.76	654	0.345	7.84	1.802	0.63	1.7	2.9	11	0.6	12.6	0.9	<0.1	<1	30	19.7	0.5
1335615	Rock	0.031	6.8	90	3.30	155	0.290	6.85	0.869	1.52	2.3	19.5	15	1.5	9.9	2.0	0.1	<1	22	16.9	1.2
1335616	Rock	0.033	7.8	93	3.45	300	0.307	7.09	0.804	1.48	1.7	15.6	17	1.2	11.1	1.6	0.1	<1	24	17.2	1.2
1335617	Rock	0.042	5.4	151	4.41	910	0.351	8.47	1.885	0.97	0.7	2.6	12	0.5	12.2	0.9	<0.1	<1	31	24.7	0.4
1335618	Rock	0.044	6.7	102	4.07	316	0.231	8.09	1.146	1.50	4.0	11.6	15	1.0	8.5	1.1	<0.1	<1	26	20.0	1.6

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Project: KSD
Report Date: November 28, 2014

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1335572	Rock	63.2	0.7	0.07	<0.005	<1	<0.5	<0.5
1335573	Rock	71.2	1.0	0.11	<0.005	<1	<0.5	<0.5
1335574	Rock	35.2	0.6	0.08	<0.005	<1	0.7	<0.5
1335575	Rock	43.5	0.6	<0.05	<0.005	<1	0.5	<0.5
1335576	Rock	42.6	1.3	0.10	<0.005	1	<0.5	<0.5
1335577	Rock	23.0	1.6	0.08	<0.005	2	<0.5	<0.5
1335578	Rock	57.4	4.4	0.07	<0.005	7	<0.5	<0.5
1335579	Rock	37.4	1.0	0.08	<0.005	<1	<0.5	<0.5
1335580	Rock	34.8	0.9	0.07	<0.005	3	<0.5	<0.5
1335581	Rock	1.5	<0.1	<0.05	<0.005	<1	6.4	<0.5
1335582	Rock	39.8	0.8	0.05	<0.005	2	0.5	<0.5
1335583	Rock	33.6	0.5	0.09	<0.005	<1	<0.5	<0.5
1335601	Rock Pulp	26.8	1.1	<0.05	<0.005	<1	<0.5	<0.5
1335602	Rock	19.9	1.7	0.06	<0.005	1	<0.5	<0.5
1335603	Rock	12.0	2.0	0.09	<0.005	1	0.7	<0.5
1335604	Rock	7.6	2.1	0.08	<0.005	2	<0.5	<0.5
1335605	Rock	13.0	2.0	0.11	<0.005	2	<0.5	<0.5
1335606	Rock	16.6	2.2	0.05	<0.005	3	<0.5	<0.5
1335607	Rock	61.3	2.6	0.09	<0.005	<1	<0.5	<0.5
1335608	Rock	54.4	1.9	<0.05	<0.005	2	<0.5	<0.5
1335609	Rock	100.6	1.5	<0.05	<0.005	2	<0.5	<0.5
1335610	Rock	94.0	1.5	0.05	<0.005	1	<0.5	<0.5
1335611	Rock	31.7	0.5	0.10	<0.005	1	1.2	<0.5
1335612	Rock	30.4	<0.1	0.09	<0.005	<1	2.1	<0.5
1335613	Rock	33.2	<0.1	0.05	<0.005	<1	1.2	<0.5
1335614	Rock	26.4	0.1	0.07	<0.005	<1	2.2	<0.5
1335615	Rock	43.7	0.6	0.11	<0.005	2	2.3	<0.5
1335616	Rock	53.6	0.5	0.05	<0.005	1	1.5	<0.5
1335617	Rock	34.6	<0.1	0.07	<0.005	<1	1.0	<0.5
1335618	Rock	43.4	0.4	0.07	<0.005	1	1.2	<0.5

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1335619	Rock	1.99	0.020	0.3	70.3	16.2	102	0.5	52.0	38.3	1365	6.05	6	0.4	1.1	119	0.3	1.3	0.2	247	4.75
1335620	Rock	2.25	0.006	0.6	53.2	16.3	86	0.4	69.8	32.3	1223	5.92	4	0.5	1.0	194	<0.1	0.9	<0.1	263	5.62
1335621	Rock	1.87	<0.005	<0.1	2.1	1.6	18	0.1	2.4	0.7	255	0.53	<1	0.9	<0.1	52	0.2	<0.1	<0.1	1	21.82
1335622	Rock	3.17	0.010	0.7	53.0	14.4	74	0.3	65.8	26.5	1365	5.60	7	0.5	1.2	161	0.1	1.3	0.1	236	6.44
1335623	Rock	2.52	0.012	0.7	49.4	10.6	72	0.3	53.3	24.0	978	5.04	7	0.6	1.5	102	<0.1	1.0	0.2	185	4.13
1335624	Rock	2.47	0.011	0.5	65.8	12.4	78	0.5	46.8	29.2	1074	5.47	7	0.8	2.2	106	<0.1	1.6	0.3	214	4.23
1335625	Rock	5.17	0.009	0.7	75.1	10.8	73	0.3	51.3	22.2	1001	5.00	6	0.7	2.1	96	0.1	1.4	0.2	202	3.96
1335626	Rock	2.57	0.012	0.8	46.0	13.3	69	0.3	51.0	25.2	1155	4.91	7	0.7	1.4	123	0.2	2.0	0.1	210	5.18
1335627	Rock	2.21	0.010	0.5	49.0	11.1	90	0.3	63.9	33.3	1208	5.69	5	0.6	1.0	128	0.1	1.7	0.2	251	4.75
1335628	Rock	2.15	0.025	0.9	79.7	14.8	116	0.9	25.7	32.7	1361	6.65	9	0.4	1.1	104	0.1	2.0	0.4	235	4.61
1335629	Rock	1.28	0.008	1.6	50.5	18.6	143	0.3	50.6	27.3	1616	5.81	5	0.6	1.7	120	0.3	1.2	0.2	174	5.81
1335630	Rock	1.76	0.023	1.8	42.7	14.8	124	0.3	54.3	28.5	1559	6.13	5	0.6	1.1	119	0.3	0.9	0.2	232	5.42
1335631	Rock	2.33	0.007	0.6	91.1	15.9	107	0.4	71.0	37.4	1627	6.61	4	0.4	1.1	130	0.2	0.5	0.1	264	7.02
1335632	Rock	2.06	<0.005	0.4	90.8	9.7	90	0.4	65.0	35.6	1317	6.61	4	0.3	0.7	104	0.2	0.3	1.4	262	5.68
1335633	Rock	1.82	<0.005	0.7	77.4	10.5	88	0.4	72.2	35.5	1177	6.56	5	0.2	0.8	79	0.1	0.4	0.8	259	4.60
1335634	Rock	1.54	0.033	1.3	44.6	60.6	323	0.4	10.1	7.3	536	5.11	5	1.2	3.3	48	3.4	1.4	0.4	128	0.27
1335635	Rock	2.37	0.057	1.8	72.9	166.8	266	1.5	16.5	19.6	838	5.27	14	0.9	2.9	37	2.2	1.6	0.5	161	0.39
1335636	Rock	2.77	0.034	0.9	85.3	99.7	253	1.3	11.9	24.6	1028	6.04	22	0.6	1.7	28	1.2	1.2	0.3	213	0.36
1335637	Rock	1.57	0.042	1.5	137.1	61.0	259	1.8	14.6	25.1	1109	5.75	21	0.8	2.5	30	0.9	1.4	0.3	202	0.48
1335638	Rock	2.02	0.022	0.8	74.8	23.4	123	1.3	17.4	28.5	1163	5.78	18	0.4	1.9	44	0.6	0.9	0.3	215	1.77
1335639	Rock	1.84	0.018	0.8	60.8	14.5	100	1.1	23.1	30.5	1178	6.55	8	0.2	0.9	31	0.3	0.7	0.1	239	0.96
1335640	Rock	1.35	0.013	0.3	116.4	18.4	98	1.5	29.7	37.2	1419	6.45	21	0.2	1.0	91	0.1	0.9	0.2	223	3.49
1335641	Rock Pulp	0.12	2.012	3.6	34.4	9.1	62	0.4	35.4	15.1	735	4.08	12	0.6	1.7	264	0.1	2.9	0.2	132	2.68
1335642	Rock	3.34	0.011	0.8	111.3	16.6	99	1.6	24.4	34.8	1426	6.86	15	0.2	1.0	85	<0.1	0.9	0.2	231	3.57
1335643	Rock	2.26	0.008	0.3	36.0	12.0	82	0.8	19.4	28.4	1276	6.10	5	0.2	1.2	85	0.2	0.5	<0.1	212	4.47
1335644	Rock	1.96	0.027	0.5	60.1	11.5	132	1.2	28.3	22.2	940	6.24	9	0.5	1.7	48	0.2	0.7	0.2	177	1.23
1335645	Rock	2.65	0.020	0.6	57.2	11.3	154	1.0	66.3	32.2	1238	6.30	8	0.2	0.7	92	0.3	0.7	0.2	234	3.54
1335646	Rock	2.67	0.029	0.6	51.1	8.7	93	0.7	56.3	28.3	1281	5.98	8	0.2	0.6	85	0.3	1.4	0.2	241	3.73
1335647	Rock	2.27	0.036	0.4	77.3	6.9	99	1.0	44.6	25.4	1187	6.36	5	0.2	1.1	91	0.3	0.6	0.3	239	4.01
1335648	Rock	2.17	0.019	0.5	60.3	7.7	97	0.8	38.2	27.4	1191	6.46	5	0.3	0.9	78	0.2	1.3	0.2	239	3.52

CERTIFICATE OF ANALYSIS

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	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1335619	Rock	0.045	5.5	104	4.03	704	0.317	8.12	1.302	1.65	1.0	2.3	14	0.8	12.2	1.3	<0.1	<1	26	21.2	0.8
1335620	Rock	0.045	5.3	126	4.19	933	0.396	8.62	2.203	0.89	1.4	2.0	13	0.6	14.2	1.1	<0.1	1	30	27.9	0.4
1335621	Rock	0.018	0.9	2	13.03	36	0.003	0.06	0.008	0.02	0.2	0.3	1	<0.1	0.8	0.1	<0.1	<1	<1	0.8	<0.1
1335622	Rock	0.038	7.8	103	3.97	655	0.355	8.29	1.509	1.15	1.6	2.4	16	0.8	14.2	1.3	<0.1	<1	27	22.6	1.0
1335623	Rock	0.048	6.5	98	3.55	286	0.322	7.38	1.548	0.99	2.7	6.0	15	0.9	10.8	1.6	0.1	<1	23	20.6	1.2
1335624	Rock	0.048	9.0	100	3.83	340	0.397	8.21	1.899	1.22	2.3	5.9	19	1.1	13.4	2.2	0.1	<1	25	19.8	1.2
1335625	Rock	0.061	7.6	93	3.54	306	0.365	7.70	1.748	1.16	2.6	8.0	18	1.1	12.1	2.0	0.1	<1	23	18.1	1.1
1335626	Rock	0.042	7.2	96	3.61	571	0.352	7.50	1.382	1.13	3.7	5.1	16	1.0	10.3	1.8	0.1	<1	25	20.3	0.8
1335627	Rock	0.038	5.8	127	4.38	814	0.370	8.47	1.678	1.15	6.5	2.8	14	0.8	12.3	1.3	<0.1	<1	29	25.6	0.7
1335628	Rock	0.049	5.5	42	3.56	111	0.340	7.86	1.350	1.53	3.7	9.2	14	1.1	10.3	1.4	<0.1	<1	26	20.2	2.6
1335629	Rock	0.032	8.2	103	3.86	445	0.242	7.39	1.167	1.13	2.6	11.7	19	0.9	8.9	1.6	<0.1	<1	25	20.3	1.7
1335630	Rock	0.038	6.1	129	4.25	568	0.200	7.86	1.388	1.24	4.3	7.9	13	0.7	6.8	0.7	<0.1	<1	27	26.3	1.0
1335631	Rock	0.048	5.7	131	4.58	744	0.120	8.75	1.829	1.04	1.9	5.1	14	0.6	8.5	0.3	<0.1	<1	37	27.6	0.7
1335632	Rock	0.036	5.7	101	4.60	633	0.109	8.42	1.699	0.88	1.4	3.0	12	0.7	5.3	0.3	<0.1	<1	36	32.9	0.2
1335633	Rock	0.040	4.6	121	4.43	504	0.116	8.20	1.916	0.80	1.6	6.8	10	0.4	5.1	0.3	<0.1	<1	33	34.1	0.2
1335634	Rock	0.070	9.4	21	2.27	2181	0.113	6.48	1.313	1.76	1.4	25.3	20	1.3	5.5	0.9	<0.1	<1	18	19.7	<0.1
1335635	Rock	0.066	10.1	27	1.95	1774	0.087	6.28	1.480	1.80	1.3	31.5	22	1.0	6.5	0.7	<0.1	<1	19	18.5	0.3
1335636	Rock	0.059	6.9	12	2.37	852	0.059	5.89	1.300	1.37	1.3	26.8	17	0.8	5.2	0.3	<0.1	<1	24	22.6	0.6
1335637	Rock	0.056	7.8	23	2.03	578	0.074	6.12	1.308	1.69	1.2	33.6	19	0.8	6.0	0.4	<0.1	1	21	20.6	0.6
1335638	Rock	0.051	7.7	19	2.13	334	0.062	7.15	1.271	1.77	1.4	16.7	19	0.7	6.8	0.3	<0.1	<1	28	20.8	0.9
1335639	Rock	0.045	2.9	24	3.37	108	0.064	7.15	2.143	1.13	1.3	8.2	9	0.5	4.9	0.2	<0.1	<1	26	28.1	1.2
1335640	Rock	0.039	5.9	40	4.61	2264	0.063	7.56	1.710	0.61	1.3	27.7	13	0.2	6.3	0.3	<0.1	<1	34	30.8	1.5
1335641	Rock Pulp	0.069	7.7	57	1.44	528	0.369	6.41	2.390	0.92	23.2	26.2	18	1.0	12.6	3.7	0.2	<1	16	17.9	<0.1
1335642	Rock	0.048	5.6	29	4.46	1192	0.076	7.83	1.458	0.92	0.9	35.1	14	0.4	7.2	0.2	<0.1	<1	33	24.9	2.3
1335643	Rock	0.043	5.3	16	3.14	336	0.060	7.92	1.873	1.37	0.9	7.4	13	0.5	7.8	0.2	<0.1	<1	27	24.8	2.2
1335644	Rock	0.063	5.4	65	3.14	107	0.077	7.47	1.900	1.39	1.2	14.3	16	0.9	7.6	0.3	<0.1	<1	22	22.5	1.1
1335645	Rock	0.045	3.4	138	4.53	282	0.127	7.57	0.708	1.43	1.1	7.5	10	0.8	6.2	0.4	<0.1	1	26	25.8	1.2
1335646	Rock	0.042	3.0	103	4.00	1393	0.271	7.87	1.554	1.28	3.3	3.9	10	0.7	7.1	0.9	<0.1	<1	26	23.6	0.5
1335647	Rock	0.049	4.4	82	3.61	341	0.142	8.18	1.940	1.56	1.4	9.3	12	0.8	5.5	0.4	<0.1	<1	26	17.7	1.7
1335648	Rock	0.047	3.7	72	3.33	636	0.220	7.91	1.787	1.53	2.6	7.1	11	1.1	6.5	0.7	<0.1	1	24	19.5	1.2

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Project: KSD
Report Date: November 28, 2014

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CERTIFICATE OF ANALYSIS

WHI14000271.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1335619	Rock	33.7	0.1	0.07	<0.005	<1	1.2	<0.5
1335620	Rock	36.3	<0.1	0.07	<0.005	<1	0.6	<0.5
1335621	Rock	1.3	<0.1	<0.05	<0.005	<1	6.0	<0.5
1335622	Rock	49.2	0.1	<0.05	<0.005	<1	1.2	<0.5
1335623	Rock	30.6	0.2	0.09	<0.005	<1	0.7	<0.5
1335624	Rock	43.3	0.2	0.06	<0.005	<1	1.2	<0.5
1335625	Rock	30.0	0.2	0.11	<0.005	<1	1.1	<0.5
1335626	Rock	41.2	0.1	0.07	<0.005	<1	1.9	<0.5
1335627	Rock	31.0	<0.1	0.05	<0.005	<1	1.5	<0.5
1335628	Rock	42.0	0.3	0.08	<0.005	2	1.1	<0.5
1335629	Rock	52.5	0.7	0.05	<0.005	<1	1.2	<0.5
1335630	Rock	37.2	0.3	0.07	<0.005	<1	1.1	<0.5
1335631	Rock	45.9	0.2	0.06	<0.005	<1	0.7	<0.5
1335632	Rock	38.4	<0.1	0.08	<0.005	2	3.6	<0.5
1335633	Rock	24.1	0.1	0.08	<0.005	<1	2.5	<0.5
1335634	Rock	48.0	0.8	<0.05	<0.005	2	<0.5	0.5
1335635	Rock	64.3	1.0	0.08	<0.005	<1	<0.5	<0.5
1335636	Rock	48.6	0.7	<0.05	0.007	<1	<0.5	<0.5
1335637	Rock	66.7	0.9	0.10	<0.005	1	0.6	<0.5
1335638	Rock	66.3	0.4	0.06	<0.005	<1	<0.5	<0.5
1335639	Rock	34.0	0.2	0.09	<0.005	<1	1.2	<0.5
1335640	Rock	24.8	0.2	0.06	<0.005	2	2.5	<0.5
1335641	Rock Pulp	21.1	0.9	<0.05	<0.005	1	<0.5	<0.5
1335642	Rock	35.3	0.8	0.09	<0.005	<1	0.6	<0.5
1335643	Rock	42.6	0.2	<0.05	<0.005	1	0.9	<0.5
1335644	Rock	45.6	0.4	0.10	<0.005	1	0.8	<0.5
1335645	Rock	30.0	0.2	0.11	<0.005	1	1.2	<0.5
1335646	Rock	24.1	0.1	0.09	<0.005	<1	1.4	<0.5
1335647	Rock	40.7	0.2	0.08	0.006	<1	<0.5	<0.5
1335648	Rock	32.6	0.2	0.11	<0.005	1	1.0	<0.5

CERTIFICATE OF ANALYSIS

WHI14000271.1

	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
1335649	Rock	2.16	0.014	0.5	87.4	7.5	96	0.7	36.3	28.0	1319	5.98	7	0.2	1.1	91	0.1	1.2	<0.1	235	4.44
1335650	Rock	2.26	0.008	0.7	40.9	6.7	86	0.3	23.5	20.0	1098	4.66	6	0.3	2.1	80	<0.1	0.9	0.1	168	4.09
1335651	Rock	3.58	0.013	0.7	49.7	7.4	106	0.4	48.2	26.8	1264	5.57	9	0.4	1.2	109	<0.1	1.4	<0.1	198	4.47
1335652	Rock	2.59	0.065	0.5	35.1	7.0	71	0.5	46.1	29.5	1240	5.37	6	0.4	0.9	102	0.2	1.5	<0.1	213	4.90
1335653	Rock	2.66	0.018	0.6	46.8	7.7	93	0.5	39.7	26.6	1148	5.54	4	0.2	0.9	87	0.2	1.2	<0.1	230	4.37
1335654	Rock	1.99	0.030	0.5	66.7	8.5	72	0.7	42.3	28.6	1255	5.70	6	0.3	1.0	101	<0.1	1.1	0.2	233	5.18
1335655	Rock	2.09	0.006	0.4	60.4	6.1	67	0.5	59.8	27.2	1153	5.27	4	0.3	0.7	87	<0.1	0.9	<0.1	234	5.19
1335656	Rock	2.17	0.008	0.5	41.5	6.3	70	0.5	34.2	21.5	929	4.99	4	0.3	1.4	80	<0.1	0.6	<0.1	184	4.16
1335657	Rock	1.97	0.016	0.5	24.4	6.0	82	0.4	38.0	22.5	1430	5.28	5	0.3	1.3	88	0.2	0.4	<0.1	180	4.63
1335658	Rock	2.16	0.023	0.2	34.9	6.9	146	0.3	28.7	20.4	1179	5.26	4	0.2	1.2	90	0.3	0.5	<0.1	200	4.40
1335659	Rock	2.73	0.023	0.6	24.8	7.0	118	0.3	24.7	19.8	1130	4.75	8	0.4	1.6	85	0.2	0.5	<0.1	157	4.36
1394544	Rock	1.50	0.023	2.5	29.5	7.7	150	0.2	19.0	29.1	1504	6.83	6	0.6	1.5	58	0.2	0.8	0.4	146	3.14
1394545	Rock	1.68	0.010	2.5	22.5	6.4	110	0.3	17.2	24.7	1492	6.13	6	0.4	1.7	64	0.3	0.3	0.3	134	3.23
1394546	Rock	1.51	0.014	2.6	33.1	8.9	126	0.4	18.1	32.3	1299	6.92	15	0.4	1.6	70	0.2	0.5	0.4	156	3.26
1394547	Rock	2.07	0.074	3.3	24.8	18.5	145	0.4	18.2	29.2	1307	6.03	61	0.4	1.7	94	1.0	0.6	0.3	155	3.74
1394548	Rock	2.02	0.183	1.9	37.1	53.4	301	0.4	14.2	23.4	1481	5.59	30	0.4	1.5	133	3.8	0.6	0.2	192	4.62

CERTIFICATE OF ANALYSIS

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	Method	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
1335649	Rock	0.049	4.8	75	3.31	991	0.248	8.41	1.972	1.56	2.3	6.1	11	0.9	7.7	0.8	<0.1	1	25	23.7	0.7
1335650	Rock	0.051	7.0	38	2.16	1012	0.207	6.99	1.383	1.80	2.0	11.8	17	0.8	8.1	1.5	0.1	<1	19	13.5	0.7
1335651	Rock	0.038	5.3	91	3.36	1072	0.295	7.77	1.498	1.33	4.9	5.9	13	0.8	9.7	1.2	<0.1	1	25	24.0	0.6
1335652	Rock	0.035	4.1	91	3.39	935	0.240	7.23	1.243	1.48	5.2	6.1	11	0.3	7.7	0.8	<0.1	<1	25	14.6	1.1
1335653	Rock	0.039	3.0	77	2.97	1209	0.253	7.71	1.506	1.77	2.5	4.9	10	0.7	6.5	0.7	<0.1	1	25	20.4	0.8
1335654	Rock	0.049	5.2	70	3.40	1161	0.255	8.13	1.415	1.44	2.8	5.6	16	0.8	6.5	0.9	<0.1	<1	25	22.0	0.9
1335655	Rock	0.037	4.6	117	4.20	915	0.247	8.09	1.567	1.16	1.2	2.4	11	0.5	6.4	0.8	<0.1	<1	29	26.2	0.3
1335656	Rock	0.046	5.9	67	3.05	863	0.143	7.50	1.490	1.41	1.2	7.6	17	0.8	5.7	0.7	<0.1	<1	23	21.7	0.9
1335657	Rock	0.043	5.5	64	3.11	1179	0.090	7.53	1.593	1.12	2.2	6.8	14	0.6	6.2	0.4	<0.1	<1	24	20.4	0.5
1335658	Rock	0.053	4.7	50	2.63	1023	0.153	7.94	2.005	1.69	2.7	7.4	14	0.7	5.8	0.6	<0.1	1	22	19.4	0.8
1335659	Rock	0.050	6.5	43	2.40	842	0.143	7.02	1.797	1.29	2.4	8.6	17	0.6	6.4	0.6	<0.1	<1	20	16.9	0.9
1394544	Rock	0.067	4.3	33	2.49	36	0.076	6.54	1.263	1.59	2.9	13.0	13	0.8	6.6	0.3	<0.1	<1	18	30.1	3.7
1394545	Rock	0.072	6.1	28	2.32	33	0.078	6.24	1.174	1.59	16.1	13.1	18	0.8	7.3	0.4	<0.1	<1	16	37.7	3.3
1394546	Rock	0.069	5.7	27	2.22	36	0.089	6.76	1.246	1.79	16.5	12.2	16	1.1	7.2	0.5	<0.1	<1	18	57.1	4.0
1394547	Rock	0.070	6.1	42	2.09	61	0.086	6.52	1.224	1.69	57.6	14.8	18	0.9	7.5	0.5	<0.1	<1	19	53.3	2.7
1394548	Rock	0.054	6.1	25	2.10	160	0.086	7.01	1.319	1.62	3.6	7.8	15	0.8	8.7	0.3	<0.1	<1	20	41.7	1.5

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Project: KSD
Report Date: November 28, 2014

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CERTIFICATE OF ANALYSIS

WHI14000271.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
1335649	Rock	39.7	<0.1	0.08	<0.005	1	<0.5	<0.5
1335650	Rock	46.4	0.5	<0.05	<0.005	2	1.4	<0.5
1335651	Rock	45.5	0.2	0.05	<0.005	2	0.9	<0.5
1335652	Rock	52.7	0.2	<0.05	<0.005	<1	0.7	<0.5
1335653	Rock	46.6	0.2	0.07	<0.005	<1	1.1	<0.5
1335654	Rock	38.9	0.2	<0.05	<0.005	2	3.5	<0.5
1335655	Rock	38.1	<0.1	0.07	0.005	2	3.2	<0.5
1335656	Rock	39.4	0.2	0.07	<0.005	<1	0.7	<0.5
1335657	Rock	44.7	0.2	<0.05	0.006	1	1.0	<0.5
1335658	Rock	43.8	0.2	0.07	<0.005	<1	<0.5	<0.5
1335659	Rock	51.1	0.2	<0.05	<0.005	1	0.9	<0.5
1394544	Rock	45.0	0.4	0.06	<0.005	3	<0.5	<0.5
1394545	Rock	50.2	0.4	0.09	<0.005	2	0.6	<0.5
1394546	Rock	54.2	0.3	0.08	0.006	3	<0.5	<0.5
1394547	Rock	53.4	0.3	0.07	<0.005	3	0.7	<0.5
1394548	Rock	57.0	0.2	0.08	0.006	2	1.2	<0.5

QUALITY CONTROL REPORT

WHI14000271.1

	Method Analyte Unit MDL	WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	0.1	1
Pulp Duplicates																					
1348883	Rock	1.89	0.021	0.9	73.2	17.0	239	1.0	24.0	46.6	2555	6.63	9	0.4	1.3	39	3.6	0.6	0.2	196	0.90
REP 1348883	QC	0.025																			
1348890	Rock	2.56	0.015	3.6	60.6	54.0	302	0.7	11.0	12.0	365	5.63	8	1.2	2.5	23	0.7	1.4	<0.1	136	0.08
REP 1348890	QC	4.1 64.7 56.6 303 0.7 10.0 12.2 365 5.69 9 1.3 2.4 26 0.4 1.2 <0.1 139 0.09																			
1335568	Rock	2.14	0.085	0.6	31.4	19.0	281	0.3	5.3	16.7	668	4.87	5	0.7	2.4	33	1.6	0.4	<0.1	77	0.26
REP 1335568	QC	0.7 34.0 19.9 292 0.3 5.9 17.9 702 5.00 8 0.9 2.6 36 1.8 0.4 <0.1 79 0.30																			
1335581	Rock	1.31	<0.005	<0.1	2.0	2.3	16	<0.1	2.0	0.6	244	0.52	<1	0.7	<0.1	55	<0.1	<0.1	<0.1	1	21.40
REP 1335581	QC	<0.005																			
1335606	Rock	2.77	0.017	2.5	248.6	1750.0	1340	2.1	7.0	2.3	1312	7.83	9	1.6	1.7	44	0.4	2.1	<0.1	227	0.07
REP 1335606	QC	0.018																			
1335620	Rock	2.25	0.006	0.6	53.2	16.3	86	0.4	69.8	32.3	1223	5.92	4	0.5	1.0	194	<0.1	0.9	<0.1	263	5.62
REP 1335620	QC	0.6 50.5 14.8 77 0.2 65.9 30.3 1153 5.66 5 0.4 1.0 183 0.2 1.0 <0.1 250 5.35																			
1335642	Rock	3.34	0.011	0.8	111.3	16.6	99	1.6	24.4	34.8	1426	6.86	15	0.2	1.0	85	<0.1	0.9	0.2	231	3.57
REP 1335642	QC	0.012																			
1335655	Rock	2.09	0.006	0.4	60.4	6.1	67	0.5	59.8	27.2	1153	5.27	4	0.3	0.7	87	<0.1	0.9	<0.1	234	5.19
REP 1335655	QC	0.4 58.1 6.2 71 0.5 61.7 28.3 1149 5.24 4 0.3 0.7 89 0.1 1.1 <0.1 230 5.14																			
Core Reject Duplicates																					
1394728	Rock	2.64	0.009	2.6	21.3	13.7	92	0.3	16.0	8.1	456	2.58	13	1.8	5.1	119	0.5	0.5	0.2	67	2.09
DUP 1394728	QC	0.006 2.4 20.1 12.3 86 0.3 15.0 7.9 466 2.64 12 1.7 5.2 109 0.5 0.5 0.2 68 2.17																			
1335552	Rock	2.80	0.017	1.3	57.5	15.0	112	1.0	34.1	38.4	1843	7.16	14	0.4	0.7	79	0.6	0.8	0.2	249	5.69
DUP 1335552	QC	0.016 1.3 57.1 14.5 117 1.1 35.4 39.5 1835 7.19 13 0.2 0.6 76 0.6 0.8 0.2 249 5.61																			
1335607	Rock	2.87	0.016	1.2	226.7	1786.8	1444	2.1	7.2	2.2	1354	7.59	9	2.4	3.3	72	0.7	1.6	0.1	251	0.09
DUP 1335607	QC	0.021 0.9 208.9 1633.7 1345 2.1 6.7 2.2 1233 6.95 9 2.0 2.8 66 0.5 1.6 0.1 229 0.10																			
1335645	Rock	2.65	0.020	0.6	57.2	11.3	154	1.0	66.3	32.2	1238	6.30	8	0.2	0.7	92	0.3	0.7	0.2	234	3.54
DUP 1335645	QC	0.025 0.9 63.3 13.0 180 1.0 72.9 33.8 1320 6.90 10 0.3 0.7 91 0.7 0.8 0.3 256 3.60																			
Reference Materials																					
STD OREAS25A-4A	Standard	2.6 35.5 26.9 47 0.1 51.6 7.5 497 6.67 11 3.2 17.1 47 0.2 0.7 0.3 166 0.32																			
STD OREAS25A-4A	Standard	2.5 35.2 24.0 39 0.2 49.5 7.6 508 6.52 11 3.1 15.3 45 <0.1 0.6 0.3 161 0.27																			

QUALITY CONTROL REPORT

WHI14000271.1

	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1
Pulp Duplicates																					
1348883	Rock	0.067	3.7	24	3.80	446	0.071	7.33	1.342	1.64	0.7	31.5	10	1.0	7.5	0.4	<0.1	1	19	36.0	0.6
REP 1348883	QC																				
1348890	Rock	0.087	7.0	20	2.77	205	0.082	6.71	1.555	1.59	1.0	46.1	17	0.9	3.2	0.5	<0.1	2	18	33.7	0.7
REP 1348890	QC	0.086	6.7	20	2.79	206	0.076	6.87	1.458	1.71	1.1	48.7	17	0.9	3.3	0.5	<0.1	1	19	32.8	0.7
1335568	Rock	0.101	7.4	5	2.75	1664	0.067	6.48	1.426	1.69	0.5	32.2	20	1.0	5.3	0.3	<0.1	1	14	28.8	0.2
REP 1335568	QC	0.112	7.9	6	2.84	1718	0.076	6.63	1.559	1.79	0.6	33.8	20	1.2	5.6	0.5	<0.1	2	16	30.0	0.3
1335581	Rock	0.019	1.1	2	12.85	54	0.003	0.06	0.005	0.02	<0.1	0.3	2	<0.1	1.0	0.2	<0.1	<1	<1	0.7	<0.1
REP 1335581	QC																				
1335606	Rock	0.076	4.7	8	3.91	1340	0.111	7.15	1.558	1.12	2.1	82.4	13	0.7	1.9	0.3	<0.1	<1	24	22.7	0.3
REP 1335606	QC																				
1335620	Rock	0.045	5.3	126	4.19	933	0.396	8.62	2.203	0.89	1.4	2.0	13	0.6	14.2	1.1	<0.1	1	30	27.9	0.4
REP 1335620	QC	0.037	5.5	110	4.04	848	0.379	8.48	2.119	0.84	1.3	2.4	12	0.6	15.0	1.0	<0.1	<1	30	26.3	0.4
1335642	Rock	0.048	5.6	29	4.46	1192	0.076	7.83	1.458	0.92	0.9	35.1	14	0.4	7.2	0.2	<0.1	<1	33	24.9	2.3
REP 1335642	QC																				
1335655	Rock	0.037	4.6	117	4.20	915	0.247	8.09	1.567	1.16	1.2	2.4	11	0.5	6.4	0.8	<0.1	<1	29	26.2	0.3
REP 1335655	QC	0.037	4.1	119	4.15	885	0.255	7.85	1.537	1.10	1.2	2.0	12	0.5	6.1	0.6	<0.1	<1	28	29.5	0.3
Core Reject Duplicates																					
1394728	Rock	0.075	16.9	29	1.16	737	0.188	5.03	1.931	1.64	1.5	30.1	34	1.2	10.4	4.8	0.3	<1	11	12.0	0.2
DUP 1394728	QC	0.070	17.5	27	1.20	749	0.179	5.16	1.758	1.43	1.3	30.3	36	1.1	9.8	4.3	0.3	1	11	11.0	0.2
1335552	Rock	0.035	4.9	50	4.26	917	0.064	7.38	1.364	0.87	1.4	5.3	12	0.2	7.4	0.2	<0.1	1	39	30.0	1.6
DUP 1335552	QC	0.031	5.7	54	4.25	782	0.065	7.34	1.347	0.86	1.7	5.0	12	0.3	7.5	0.2	<0.1	<1	39	29.0	1.6
1335607	Rock	0.082	11.5	10	4.27	1267	0.132	8.31	1.395	1.33	1.1	77.4	26	0.7	3.4	0.5	<0.1	<1	28	27.3	0.4
DUP 1335607	QC	0.075	8.9	9	3.87	1137	0.122	7.53	1.373	1.46	0.9	69.2	21	0.7	3.2	0.4	<0.1	1	25	26.9	0.4
1335645	Rock	0.045	3.4	138	4.53	282	0.127	7.57	0.708	1.43	1.1	7.5	10	0.8	6.2	0.4	<0.1	1	26	25.8	1.2
DUP 1335645	QC	0.046	2.8	145	4.95	286	0.140	7.98	0.762	1.68	1.4	8.4	8	1.1	6.1	0.4	<0.1	2	27	28.6	1.4
Reference Materials																					
STD OREAS25A-4A	Standard	0.053	24.1	127	0.37	150	0.989	9.15	0.125	0.52	2.2	162.4	52	4.3	10.8	21.5	1.7	<1	14	38.9	<0.1
STD OREAS25A-4A	Standard	0.051	19.7	117	0.34	158	1.004	8.90	0.112	0.49	1.7	151.6	44	4.0	9.6	20.1	1.4	<1	14	38.8	<0.1

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

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Toronto ON M5J 2P1 CANADA

Project: KSD
Report Date: November 28, 2014

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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
Pulp Duplicates								
1348883	Rock	18.6	0.9	0.10	<0.005	<1	<0.5	<0.5
REP 1348883	QC							
1348890	Rock	43.7	1.4	0.06	<0.005	<1	<0.5	0.5
REP 1348890	QC	41.8	1.5	0.06	<0.005	1	<0.5	0.5
1335568	Rock	37.6	0.8	<0.05	<0.005	<1	<0.5	<0.5
REP 1335568	QC	41.2	0.9	0.11	<0.005	<1	<0.5	<0.5
1335581	Rock	1.5	<0.1	<0.05	<0.005	<1	6.4	<0.5
REP 1335581	QC							
1335606	Rock	16.6	2.2	0.05	<0.005	3	<0.5	<0.5
REP 1335606	QC							
1335620	Rock	36.3	<0.1	0.07	<0.005	<1	0.6	<0.5
REP 1335620	QC	47.8	<0.1	0.07	<0.005	<1	1.1	<0.5
1335642	Rock	35.3	0.8	0.09	<0.005	<1	0.6	<0.5
REP 1335642	QC							
1335655	Rock	38.1	<0.1	0.07	0.005	2	3.2	<0.5
REP 1335655	QC	35.6	<0.1	<0.05	<0.005	<1	1.5	<0.5
Core Reject Duplicates								
1394728	Rock	47.1	1.3	0.06	<0.005	<1	<0.5	<0.5
DUP 1394728	QC	44.2	0.9	0.06	<0.005	<1	0.5	<0.5
1335552	Rock	33.8	0.2	<0.05	<0.005	1	<0.5	<0.5
DUP 1335552	QC	33.2	0.2	0.08	<0.005	<1	0.8	<0.5
1335607	Rock	61.3	2.6	0.09	<0.005	<1	<0.5	<0.5
DUP 1335607	QC	46.4	2.0	0.05	<0.005	<1	<0.5	<0.5
1335645	Rock	30.0	0.2	0.11	<0.005	1	1.2	<0.5
DUP 1335645	QC	22.1	0.3	0.17	<0.005	<1	2.9	<0.5
Reference Materials								
STD OREAS25A-4A	Standard	61.5	4.5	0.15	<0.005	2	<0.5	<0.5
STD OREAS25A-4A	Standard	63.3	4.2	0.09	<0.005	4	<0.5	<0.5

QUALITY CONTROL REPORT

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		WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
STD OREAS25A-4A	Standard			2.5	34.3	28.4	43	<0.1	46.2	8.0	467	6.59	11	2.7	14.3	49	0.1	0.6	0.3	161	0.27
STD OREAS25A-4A	Standard			2.3	31.5	23.2	35	0.2	42.5	6.8	409	6.36	10	2.4	13.0	44	<0.1	0.6	0.6	156	0.28
STD OREAS45E	Standard			2.5	835.0	19.5	54	0.4	506.7	58.8	569	26.32	15	2.6	13.6	15	<0.1	1.1	0.3	342	0.08
STD OREAS45E	Standard			2.5	828.8	18.6	42	0.4	499.3	54.2	578	25.76	17	2.7	13.8	16	<0.1	1.0	0.3	335	0.07
STD OREAS45E	Standard			2.4	813.7	20.1	46	0.4	487.6	67.4	537	25.32	20	2.9	14.0	19	<0.1	1.0	0.4	323	0.06
STD OREAS45E	Standard			2.0	801.0	17.7	48	0.3	483.1	59.8	539	26.72	15	2.3	12.4	16	<0.1	0.9	0.2	324	0.07
STD OXD108	Standard		0.439																		
STD OXD108	Standard		0.433																		
STD OXD108	Standard		0.412																		
STD OXI121	Standard		1.870																		
STD OXI121	Standard		1.801																		
STD OXI121	Standard		1.892																		
STD OXN117	Standard		7.948																		
STD OXN117	Standard		7.807																		
STD OXN117	Standard		7.724																		
STD OREAS25A-4A				2.55	33.9	25.2	44.4		45.8	8.2	470	6.6		2.94	15.8	48.5		0.67	0.35	157	0.309
STD OREAS45E Expected				2.4	780	18.2	46.7	0.311	454	57	570	24.12	16.3	2.41	12.9	15.9	0.06	1	0.28	322	0.065
STD OXD108 Expected			0.414																		
STD OXN117 Expected			7.679																		
STD OXI121 Expected			1.834																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
BLK	Blank			<0.1	0.1	<0.1	<1	<0.1	0.2	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	<0.1	0.2	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	0.1	0.3	<0.2	1	<0.01	3	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank		<0.005																		

QUALITY CONTROL REPORT

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		MA200 P %	MA200 La ppm	MA200 Cr ppm	MA200 Mg %	MA200 Ba ppm	MA200 Ti %	MA200 Al %	MA200 Na %	MA200 K %	MA200 W ppm	MA200 Zr ppm	MA200 Ce ppm	MA200 Sn ppm	MA200 Y ppm	MA200 Nb ppm	MA200 Ta ppm	MA200 Be ppm	MA200 Sc ppm	MA200 Li ppm	MA200 S %
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
STD OREAS25A-4A	Standard	0.051	21.7	126	0.33	153	1.020	8.61	0.125	0.45	1.9	152.7	48	3.8	9.7	20.3	1.4	1	13	36.4	<0.1
STD OREAS25A-4A	Standard	0.050	17.3	105	0.29	150	0.963	8.48	0.117	0.49	1.5	120.1	43	3.5	8.9	20.1	1.3	1	13	35.1	<0.1
STD OREAS45E	Standard	0.034	11.6	1039	0.16	266	0.569	7.20	0.053	0.37	1.0	98.4	25	1.2	7.5	6.4	0.6	<1	101	6.9	<0.1
STD OREAS45E	Standard	0.039	10.9	1009	0.17	271	0.563	7.10	0.054	0.38	1.0	95.1	23	1.3	6.5	6.2	0.5	<1	99	7.1	<0.1
STD OREAS45E	Standard	0.035	9.7	920	0.16	296	0.556	6.87	0.053	0.34	0.9	98.5	22	1.5	7.5	5.8	0.5	<1	94	7.0	<0.1
STD OREAS45E	Standard	0.036	8.8	933	0.16	263	0.493	7.14	0.045	0.37	0.9	93.0	22	1.1	6.3	5.8	0.5	<1	99	7.2	<0.1
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXD108	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXI121	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OXN117	Standard																				
STD OREAS25A-4A		0.048	21.8	115	0.327	147	0.977	8.87	0.134	0.482	2.1		48.9	4.06	12.3	22.4	1.6	1.02	13.7	36.7	0.051
STD OREAS45E Expected		0.034	11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	97	23.5	1.32	8.28	6.8	0.54		93	6.58	0.046
STD OXD108 Expected																					
STD OXN117 Expected																					
STD OXI121 Expected																					
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	2	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1	<1	0.2	<0.1
BLK	Blank																				

Bureau Veritas Commodities Canada Ltd.

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Toronto ON M5J 2P1 CANADA

Project: KSD
Report Date: November 28, 2014

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QUALITY CONTROL REPORT

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		MA200 Rb ppm 0.1	MA200 Hf ppm 0.1	MA200 In ppm 0.05	MA200 Re ppm 0.005	MA200 Se ppm 1	MA200 Te ppm 0.5	MA200 Tl ppm 0.5
STD OREAS25A-4A	Standard	62.2	4.0	0.05	<0.005	2	<0.5	<0.5
STD OREAS25A-4A	Standard	55.2	3.7	0.05	<0.005	3	<0.5	<0.5
STD OREAS45E	Standard	22.5	3.2	0.10	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	20.9	2.9	0.10	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	20.5	2.8	0.10	<0.005	2	<0.5	<0.5
STD OREAS45E	Standard	19.9	2.7	0.09	<0.005	3	<0.5	<0.5
STD OXD108	Standard							
STD OXD108	Standard							
STD OXD108	Standard							
STD OXI121	Standard							
STD OXI121	Standard							
STD OXI121	Standard							
STD OXN117	Standard							
STD OXN117	Standard							
STD OXN117	Standard							
STD OREAS25A-4A		61	4.53					0.35
STD OREAS45E Expected		21.2	3.11	0.099		2.97	0.1	0.09
STD OXD108 Expected								
STD OXN117 Expected								
STD OXI121 Expected								
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank							
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	0.2	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	0.3	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank	<0.1	<0.1	<0.05	<0.005	<1	<0.5	<0.5
BLK	Blank							

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		WGHT	FA430	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	1	0.1	0.1	0.1	1	0.01
BLK	Blank	<0.005																			
Prep Wash																					
ROCK-WHI	Prep Blank	<0.005	0.7	7.4	6.1	46	<0.1	2.1	4.2	764	2.35	<1	1.3	2.8	188	<0.1	<0.1	0.3	43	1.57	
ROCK-WHI	Prep Blank	<0.005	0.6	11.8	6.2	94	<0.1	2.0	4.1	703	2.17	<1	1.2	2.9	198	0.4	<0.1	0.2	39	1.60	

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QUALITY CONTROL REPORT

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		MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200	MA200
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	Sc	Li	S
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	1	1	0.1	0.1
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank	0.045	13.4	4	0.60	868	0.227	7.06	3.723	1.88	0.5	60.9	26	0.8	17.3	6.4	0.4	1	8	3.8	<0.1
ROCK-WHI	Prep Blank	0.040	12.9	4	0.54	898	0.207	6.90	3.657	2.01	0.4	61.8	24	0.8	16.5	5.9	0.4	1	7	3.7	<0.1

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QUALITY CONTROL REPORT

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		MA200	MA200	MA200	MA200	MA200	MA200	MA200
		Rb	Hf	In	Re	Se	Te	Tl
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.05	0.005	1	0.5	0.5
BLK	Blank							
Prep Wash								
ROCK-WHI	Prep Blank	40.6	2.2	<0.05	<0.005	<1	<0.5	<0.5
ROCK-WHI	Prep Blank	39.2	2.0	<0.05	<0.005	<1	<0.5	<0.5

Appendix IX

King Solomon 2014 Exploration Program Invoices



Box 70, Dawson, YT Y0B 1G0
Phone (867) 993-5612
Fax: (867) 993-5617

Invoice

Date	Invoice #
2013-11-03	GT-CEN2014-15

Invoice To:
Centerra Gold
1 University Ave., Suite 1500
Toronto, ON
M5J 2P1

Description	Amount
606 Soil Samples collected on KSD Project, Southern Grid Extension Aug 26-27, Sept 17-20/14 (See attached Breakdown)	\$12,968.50

GST # 881084268

Make all cheques payable to:
Ground Truth Exploration Inc.

Thank you for your business!

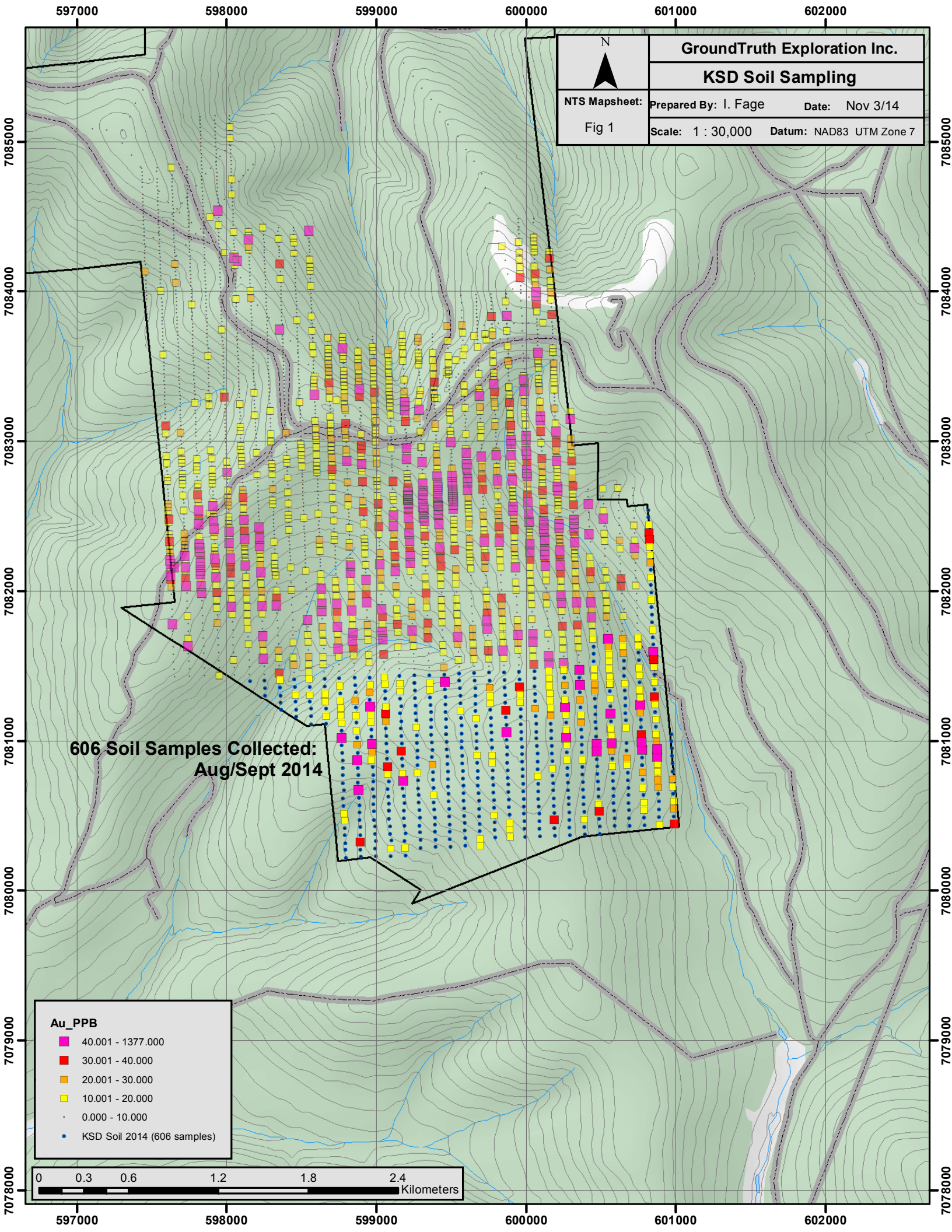
Subtotal	\$12,968.50
GST 5%	\$648.43
Total Due	\$13,616.93

KSD Soil Sampling Invoice: Aug 26-27, Sept 17-20/14



Overview:			
GroundTruth Exploration collected 606 soil samples on the KSD southern grid extension between Aug 26-27/14 Sept 17-20/14. No Mobe days incurred. An all terrain Range Runner was used to access the centre portion of the soil grid with a trail cut from the road requiring 2 man days. Trail subsequently used for IP/RAB. 21 man days were required to conduct the program.			
Soil Sampling Cost Breakdown:			
Wages:		Total	Description
1 Foreman soil sampler * \$400/day	\$ 400.00	\$ 1,600.00	Foreman on 4 sampling days
Soil sampling technician * \$350/day	\$ 350.00	\$ 5,950.00	15 sampling, 2 trail cutting md
Food/Camp:			
Food @ * \$50/man day	\$ 50.00	\$ 1,050.00	21 md food
Camp @ \$35/man day	\$ 35.00	\$ 735.00	21 md camp
Data Management and Processing Services			
GIS/Job Layout/Mapping/Results Plotting @ \$75/hr	\$ 75.00	\$ 150.00	l.Fage, 1h setup, 1h assay merge
Data Processing in the field @ \$60/hr	\$ 60.00	\$ 240.00	1h/day on survey days
Database Management/Chain of Custody/Barcoded Samples @ \$0.50/sample	\$ 0.50	\$ 303.00	
QA/QC Standard and Blank Material and Standardized Insertion @ \$0.25/sample * 150 samples	\$ 0.25	\$ 151.50	OREAS 45b, CDN-BL10 Reference Material
Survey Equipment:			
Field Laptop/Software for nightly download @ \$50/day	\$ 50.00	\$ 200.00	4 days computer/download software
Iridium Sat Phone @ \$35/day	\$ 35.00	\$ 140.00	4 days Sat Phone
Satellite Internet @ \$25/day	\$ 25.00		
Chainsaws @ \$50/day	\$ 50.00	\$ 100.00	2 Chainsaws on Cutting day Sept 17
Radios: @ \$5/day	\$ 5.00	\$ 105.00	21 man days radio
Handheld data logger/GPS/Camera: * \$15/day	\$ 15.00	\$ 285.00	19 sampling days Tech Gear
Consumable Supplies:			
Consumable Supplies: Soil and Ore bags, Flagging, Barcode tags, Sampling tools, Soil auger, Outfitted Field packs, Mattock @ \$1.50/sample	\$ 1.50	\$ 909.00	Sampling Consumables
Vehicle Support:			
Truck (1 Ton Chev 3500 4x4) @ \$150/day	\$ 150.00	\$ 600.00	4 Days Truck Rental
Diesel Fuel \$0.60/km (\$50/KSD Round Trip)	\$ 0.60	\$ 200.00	4 KSD Round Trips
Trailer (7000 lb dual axel) @ \$100/day	\$ 100.00		1 Day mobe (demobe after IP)
Range Runner All terrain Traxter/Quad 4x4 + Trailer (\$125/day incl. fuel) Access grid	\$ 125.00	\$ 250.00	2 Days Range Runner to access mid grid.

Total Invoice :	\$12,968.50





Box 70, Dawson, YT Y0B 1G0
Phone (867) 993-5612
Fax: (867) 993-5617

Invoice

Date	Invoice #
2013-11-03	GT-CEN2014-17

Invoice To:

Centerra Gold
1 University Ave., Suite 1500
Toronto, ON
M5J 2P1

Description	Amount
93.6 line km of Ground mag surveyed on KSD project on 100m spaced N-S lines, plus 3 tie lines spaced at 400m Continuous read proton magnetometer with base correction. Data QC, Levelling and Filtered grids produced in Geosoft Magmap Sept 22-30/14 (See attached Breakdown)	\$13,700.00

GST # 881084268

Make all cheques payable to:
Ground Truth Exploration Inc.

Thank you for your business!

Subtotal	\$13,700.00
GST 5%	\$685.00
Total Due	\$14,385.00

KSD Mag Survey Invoice: Sept 22-Sept 30, 2014



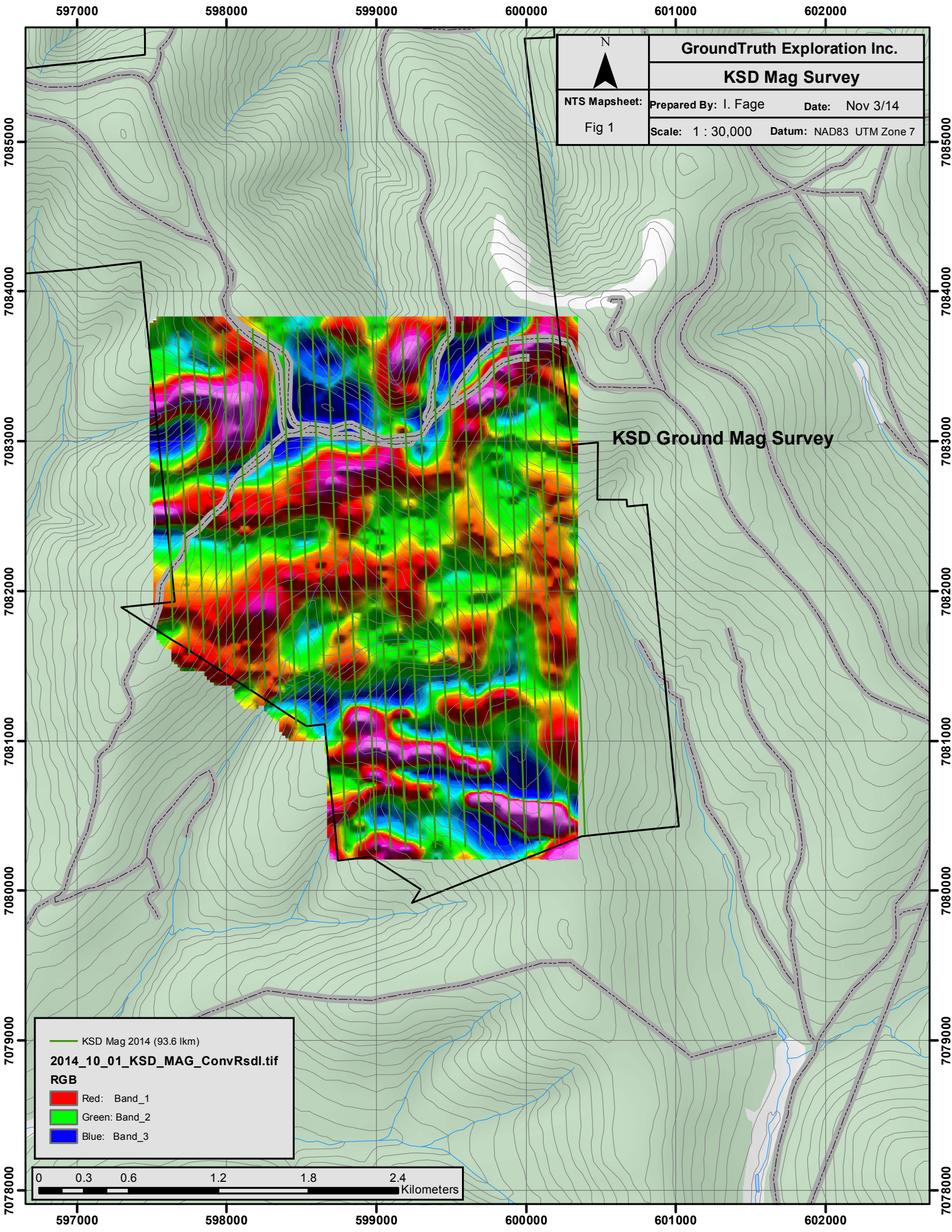
Overview:

GroundTruth Exploration Surveyed 93.6 line km of ground mag on the KSD project. 85.5km on N-S 100m spaced lines and 3 tie lines spaced at 400m across the King/Prince zones. 14 man days were required to conduct the survey. 2 Units running Sept 22-27, 1 unit running Sept 28-30 when 2nd rover experienced malfunction.

IP Survey Cost Breakdown:

<u>Wages:</u>		Total	Description
Geophysical Operator * \$450/day	\$ 450.00	\$ 6,300.00	14 Operator man days
<u>Food/Camp:</u>			
Food @ \$50/ man day	\$ 50.00	\$ 700.00	14 man days food
Camp @ \$35/ man day	\$ 35.00	\$ 490.00	14 man days camp
<u>Data Management and Processing Services</u>			
Final Inversions/Geosoft 3d @ \$75/hr - 8h	\$ 75.00	\$ 600.00	Chad C.-levelling, filter maps
Download/QC, base corrections @ \$60/hr	\$ 60.00	\$ 840.00	1h/day on Survey Days
<u>Survey Equipment:</u>			
Proton Magnetometer (GSM-19W) rover unit @ \$200/day per unit	\$ 200.00	\$ 2,800.00	14 rover mag Survey Days
Proton Magnetometer (GSM-19W) base unit @ \$100/day	\$ 100.00	\$ 900.00	9 base mag Survey Days
Precision GPS: Ashtech Promark 100 differential GPS	\$ 75.00		
Field Laptop w/Inversion software for nightly dowload and review @ \$50/day	\$ 50.00	\$ 600.00	9 mag Survey Days
Iridium Sat Phone @ \$35/day	\$ 35.00		
Satellite Internet @ \$25/day	\$ 25.00		
Chainsaws @ \$50/day	\$ 50.00		
Radios/ Garmin GPS @ \$5/day	\$ 5.00	\$ 70.00	14 man days Radio/GPS
<u>Vehicle Support:</u>			
Truck (1 Ton Chev 3500 4x4) @ \$150/day	\$ 150.00	\$ 300.00	2 Days Truck Use
Diesel Fuel \$0.60/km (\$50/KSD Round Trip)	\$ 0.60	\$ 100.00	2 KSD Round Trips
Trailer (7000 lb dual axel) @ \$100/day	\$ 100.00		

Total Invoice :	\$ 13,700.00





Invoice

Date	Invoice #
2013-11-03	GT-CEN2014-16

Invoice To:
Centerra Gold
1 University Ave., Suite 1500
Toronto, ON
M5J 2P1

Description		Amount
(12) Double length IP/Resistivity Profiles surveyed on KSD Project, King and Prince Zones Dipole-Dipole and Inverse Schlumberger Arrays surveyed on all lines. Data formatted and processed into Geosoft 3D software. Sept 26-Oct 13/14 (See attached Breakdown)		\$57,761.00
GST # 881084268		Subtotal \$57,761.00
Make all cheques payable to: Ground Truth Exploration Inc.		GST 5% \$2,888.05
Thank you for your business!		Total Due \$60,649.05

KSD IP Survey Invoice: Sept 26-Oct 13, 2014



Overview:

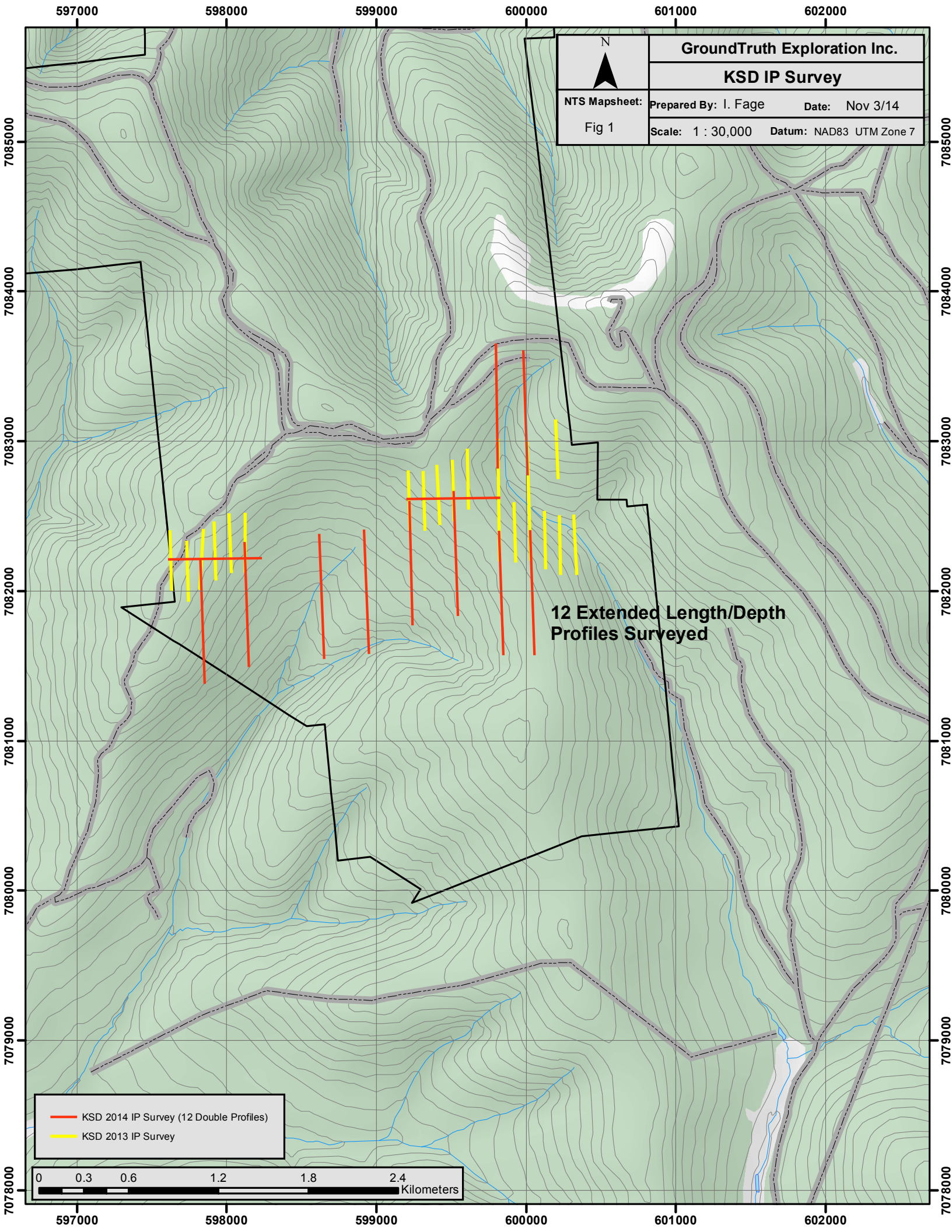
GroundTruth Exploration Surveyed (12) double length/depth profiles (830m length, 150m depth) profiles on the King Solomon's Dome Project. A crew of 5 was required to run survey, 18 man days were required to pre-cut the lines and achieve 1 line/day production goal on the survey and accommodate the 300-500m survey gear ferry between lines. The IP Survey required 12 days with crew of 5 to complete, plus 1 cleanup day w/crew of 3.

LineCutting: Sept 26-29/14, IP Survey: Oct 1-13/14

IP Survey Cost Breakdown:

Wages:		Total	Description
Geophysical Operator * \$450/day	\$ 450.00	\$ 6,750.00	15 Operator man days
Field Assistants * \$350/day	\$ 350.00	\$ 23,450.00	67 Technician man days
Food/Camp:			
Food @ \$50/ man day	\$ 50.00	\$ 4,100.00	82 man days food
Camp @ \$35/ man day	\$ 35.00	\$ 2,870.00	82 man days camp
Data Management and Processing Services			
Final Inversions/Geosoft 3d @ \$75/hr - 12h	\$ 75.00	\$ 900.00	Chad C. Inversions/3d plotting
Download/QC, merge DGPS, Prelim Inversions @ \$60/hr	\$ 60.00	\$ 720.00	1h/day on Survey Days
Survey Equipment:			
IP/Resistivity Meter: Supersting 8 Channel meter w/cables, electrodes	\$ 600.00	\$ 7,200.00	12 Survey Days
Additional 6 Resistivity Cables+ 2 * 225m connector Cables for Double Line Configuration	\$ 300.00	\$ 3,600.00	12 Survey Days
Precision GPS: Ashtech Promark 100 differential GPS	\$ 75.00	\$ 900.00	12 Survey Days
Field Laptop w/Inversion software for nightly download and review @ \$50/day	\$ 50.00	\$ 600.00	12 Survey Days
Iridium Sat Phone @ \$35/day	\$ 35.00	\$ 560.00	12 Survey+4 cutting days
Satellite Internet @ \$25/day	\$ 25.00	\$ 400.00	12 Survey+4 cutting days
Chainsaws @ \$50/day	\$ 50.00	\$ 600.00	4 chainsaws * 3 days
Radios/ Garmin GPS @ \$5/day	\$ 5.00	\$ 395.00	79 man days Radio/GPS
Consumable Supplies:			
Stainless Electrodes: wear & tear- 2 per 420m profile, \$6 ea	\$ 12.00	\$ 288.00	4 electrodes *12 profiles
Calcium Chloride: 4kg per profile, \$2/kg	\$ 8.00	\$ 192.00	8 kg NaCl *12 profiles
Pickets, 9 per profile, \$1/picket	\$ 9.00	\$ 216.00	18 pickets *12 profiles
Spray paint: 1 can per profile, \$10/can	\$ 10.00	\$ 120.00	1 can paint *12 profiles
Vehicle Support:			
Truck (1 Ton Chev 3500 4x4) @ \$150/day	\$ 150.00	\$ 2,400.00	16 Days Truck Rental
Diesel Fuel \$0.60/km (\$50/KSD Round Trip)	\$ 0.60	\$ 400.00	8 KSD Round Trips
Trailer (7000 lb dual axle) @ \$100/day	\$ 100.00	\$ 100.00	1 Day Trailer-Demobe
Range Runner Traxter/Quad 4x4 + Trailer (\$125/day incl. fuel) move gear, Midnight IP shift.	\$ 125.00	\$ 1,000.00	1 Off Road Vehicle (charged at 1/2)

Total Invoice : \$ 57,761.00





Box 70, Dawson, YT Y0B 1G0
Phone (867) 993-5612
Fax: (867) 993-5617

Invoice

Date	Invoice #
2013-11-03	GT-CEN2014-18

Invoice To:

Centerra Gold
1 University Ave., Suite 1500
Toronto, ON
M5J 2P1

Description		Amount
918m RAB Drilling in 16 drill holes with logistical support and sampling included.		\$91,919.33
Sept 30 - Oct 31/14		
(See attached Breakdown)		
GST # 881084268		Subtotal \$91,919.33
Make all cheques payable to: Ground Truth Exploration Inc.		GST 5% \$4,595.97
Thank you for your business!		Total Due \$96,515.30



KSD RAB Drilling Invoice: Sept 30-Oct 31/14

Overview:

GroundTruth Exploration drilled 16 RAB drillholes on the KSD Project on King and Prince Zones between Sept 30 and Oct 31/14. See log for daily summary. Of the 32 day period, 20 days charged out at standard drilling rates (overall avg 48.2m/day), 6 days charged out at mobe/limited production rate with no drill rental on these days. Crew drove from town on this project- food but no camp costs charged. XRF charged at 1/4 rate

RAB Drilling Cost Breakdown:

Wages:		Total	Description
RAB Operator * \$600/day	\$ 600.00	\$ 15,600.00	20 Drill, 6 mobe/ limited prod.
RAB Assistant Driller * \$475	\$ 475.00	\$ 12,350.00	20 Drill, 6 mobe/ limited prod.
Geologist - Logger/Sampler * \$475/day	\$ 475.00	\$ 12,350.00	20 Drill, 6 mobe/ limited prod.
Assistance -Drill Moves Cutting * \$400/day	\$ 400.00	\$ 1,200.00	3 Days extra labour required
Sample Inventory and Shipping to Kluane Freight * \$60/h	\$ 60.00	\$ 540.00	9h total inventory/shipping
Food/Camp:			
Food @ \$50/day	\$ 50.00	\$ 3,800.00	79 man days food
Camp @\$35/day	\$ 35.00		
Data Management and Processing Services			
GIS/Job Layout/Mapping/Results Plotting @ \$75/hr			
Daily Data Processing: Download, DGPS, Package and email to client @ \$60/hr	\$ 60.00		Covered by J. Daley (Centerra)
Survey Equipment:			
Track Mounted RAB Drill @ \$800/day	\$ 800.00	\$ 16,000.00	20 Production Drill Days
300/200 External Compressor w/ up to 400m hose @ \$400/day	\$ 400.00	\$ 8,000.00	20 Production Drill Days
Field Laptop/Software for nightly database download @ \$50/day	\$ 50.00	\$ 1,000.00	20 Production Drill Days
Iridium Satellite Phone @ \$35/day	\$ 35.00	\$ 910.00	26 work days
Satellite Internet @ \$25/day	\$ 25.00		
Chainsaws 1 * \$50/day	\$ 50.00	\$ 2,300.00	1 Saw on Winch (20d), 1 Cutting Saw (26d)
Handheld GPS + Icom Radios @ \$5/man day	\$ 15.00	\$ 395.00	79 man days
DGPS w/Base * \$75/day for Drillhole Survey	\$ 75.00	\$ 150.00	2 Drillhole DGPS survey days
Benchtop XRF - Innovx X-5000 @ \$300/day	\$ 300.00	\$ 1,500.00	20 Drill Days at 1/4 chargeout
Consumable Supplies estimate:			
Hammer Oil/Thread Lube @ \$50/75m	\$ 50.00	\$ 612.00	918m drilled
Fuel: 1.55/litre @200litres/75m drilling	\$ 1.55	\$ 3,988.67	2573 litres diesel
DTH Hammer Bits @ \$100/75m	\$ 100.00	\$ 1,286.67	
Propane \$1.50/lb	\$ 1.50	\$ 90.00	3* 20lb propane
Sampling Supplies: Ore bags, Barcode Tags, Rice Bags, Security Seals, Retention sample bags, \$4/sample (estimated at 75m/day)	\$ 4.00	\$ 2,572.00	603 samples, 40 QAQC Samples
Vehicle Support:			
Truck (1 Ton Chev 3500 4x4) @ \$150/day	\$ 150.00	\$ 3,900.00	26 Days Truck Rental
Diesel Fuel \$0.60/km (\$50/KSD Round Trip)	\$ 0.60	\$ 1,300.00	26 KSD Round Trips
Trailer (7000 lb dual axel) @ \$100/day	\$ 100.00	\$ 200.00	3 Days Trailer- Mobe/Demobe/move
Range Runner All terrain Traxter/Quad 4x4 + Trailer	\$ 125.00	\$ 1,625.00	26 Off Road Vehicle (charged at 1/2)
Snowmobile/Skimmer @ \$125/day	\$ 125.00	\$ 250.00	1d King-Prince, 1d Demobe

Total Invoice : \$91,919.33