

Technical report for
YMEP 17-018 Target Evaluation Hard Rock

2017 SOIL SAMPLING and GEOPROBE DRILLING

on the

MOOSEHORN PROPERTY, YUKON

Grant Number	Claim Name
YD06167 - YD06190	CIT 1 - CIT 24
YD06199 - YD06224	MHN 9 - MHN 34
YD131841 - YD131860	CIT 25 - CIT 44
YE27267 - YE27278	MHN 35 - MHN 46

WHITEHORSE MINING DISTRICT
Date(s) Worked: August 28 – Sept 6, 2017

NTS Map 115N02
UTM 507,500E; 6,991,500N (NAD 83, Zone 7)

Prepared by:
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December 15, 2017

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SUMMARY

The Moosehorn property is an early stage exploration project located in a geographical area that has seen an abundance of exploration work in the past. Exploration activities on Moosehorn over the past seven years have focused on targeting orogenic gold mineralization. A gold and arsenic anomaly in soils has been defined in the central portion of the property. A total of 173 soil samples and 22 Geoprobe rock samples were collected between August 28 - 31 and Sept 5 - 6, 2017. The 2017 soil geochemical survey returned anomalous results for gold and arsenic along several of the ridge sampling traverses including north and east of a zone of anomalous gold and arsenic previously defined in a soil grid. Grid soil samples that were collected in 2017 to extend the existing soil sample grid did not return anomalous gold but some anomalous arsenic was detected. Geoprobe rock samples over a small area of the previously defined soil anomaly did not return anomalous gold or arsenic concentrations.

INTRODUCTION

This report describes a reconnaissance soil geochemical survey completed by Coast Mountain Geological Ltd and Geoprobe rock sampling conducted by Kryotek Arctic Innovation Inc for Independence Gold Corp. (“InGold”) on the Moosehorn property. Soil sampling was conducted by a 4 person crew on Sept 5 and 6, 2017. Geoprobe drilling was completed by a 3 person crew between August 28 and 31, 2017. The author managed and/or participated in portions of each field program. The Statement of Qualifications are contained within this report.

The objective of the 2017 exploration program was to continue to evaluate the mineral potential of the Moosehorn property, which is geographically located in an area known to host multiple gold-bearing quartz veins, and has a rich history of placer mining activity. The Moosehorn property is proximal to historical gold discoveries made (most notably) by Barramundi Gold Ltd (Sears et al, 2000).

CLAIM DATA AND OWNERSHIP

Silver Quest Resources Ltd. (“Silver Quest”) acquired the MHN and CIT claims from Archer, Cathro & Associated (1981) Limited in December 2009. InGold was formed in 2011 following the acquisition of Silver Quest’s Davidson and Capoose properties by New Gold Inc. InGold acquired all of Silver Quest’s other properties, including the Moosehorn property (MHN and CIT claims) in a Plan of Arrangement with New Gold Inc. The Moosehorn property comprises 82 contiguous quartz claims and covers a total area of about 1,720 hectares (ha). The claim block centers on

507,500E and 6,991,500N (NAD 83, Zone 7) on NTS map sheet 115N02 as shown on Figures 1 and 2. Quartz claims are registered to Independence Gold Corp with the Whitehorse Mining Recorder. Claim data is listed below on Table 1.



Figure 1 – Location Map

Table 1 – Moosehorn Claim Data

Grant Number	Claim Name	Owner/Operator
YD06167 - YD06190	CIT 1 - CIT 24	Independence Gold Corp.
YD06199 - YD06224	MHN 9 - MHN 34	Independence Gold Corp.
YD131841 - YD131860	CIT 25 - CIT 44	Independence Gold Corp.
YE27267 - YE27278	MHN 35 - MHN 46	Independence Gold Corp.

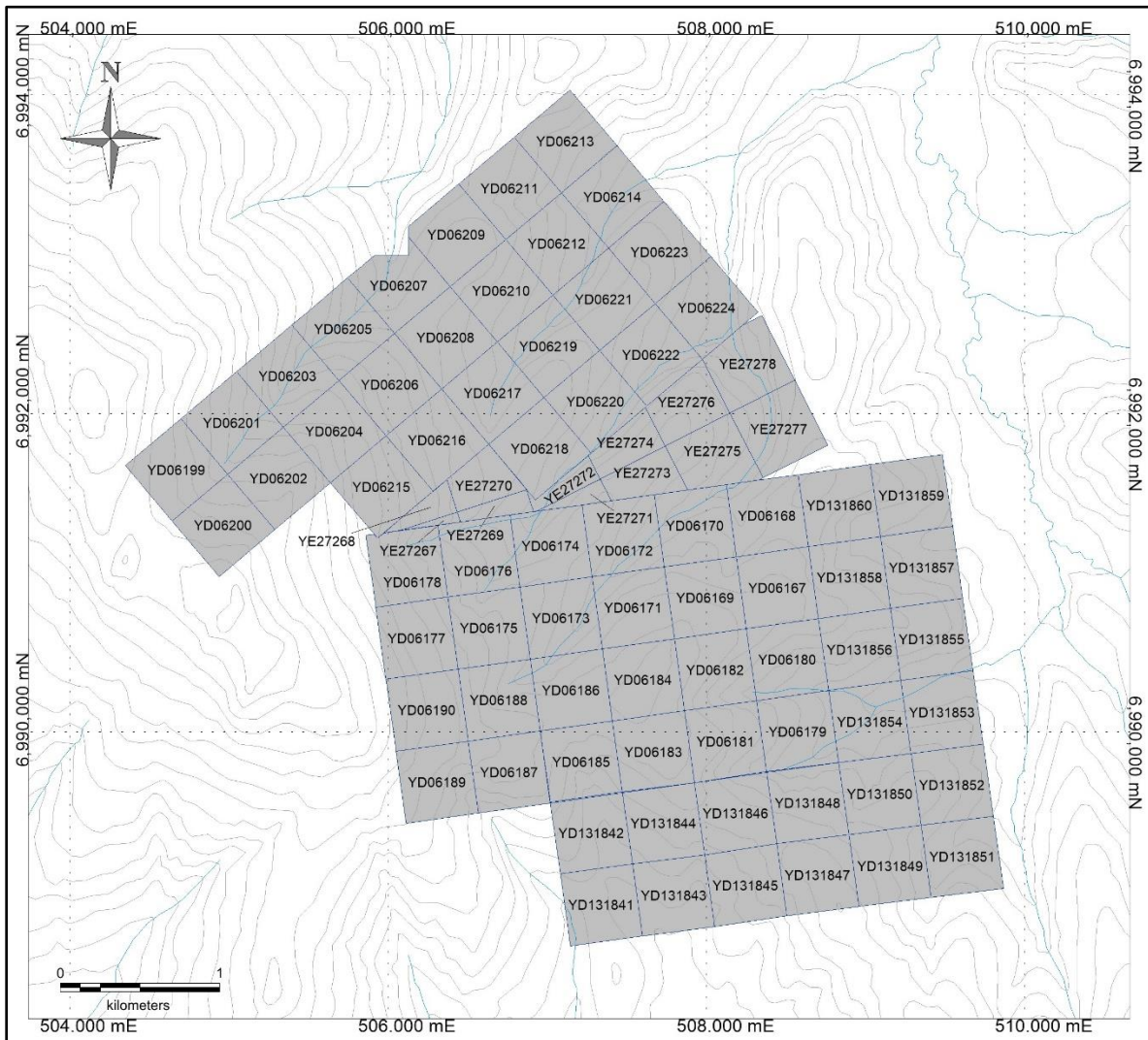


Figure 2 – Claim Map

PROPERTY DESCRIPTION

LOCATION

The Moosehorn property is located in the Moosehorn mountain range area of west-central Yukon about 8 km east of the Yukon-Alaska border and 135 km southwest of Dawson City (Figure 1).

CLIMATE AND GEOMORPHOLOGY

The Moosehorn property lies within the Moosehorn mountain range with the geological area known as the Dawson Range; an area characterized by its rolling hills. Local elevations range from 650 to 1,400 metres (m) above sea level. The higher elevation areas of the property are thickly vegetated with stunted, aspen, birch and spruce trees; willow and birch brush and thin moss cover. Lower elevations support a mixture of aspen, birch and spruce forest with thick brush, and moss-covered slopes. Lesaux Creek, a tributary of the Ladue River is the main drainage channel of the Moosehorn property.

Climate in the region is described as sub-arctic with short mild summers and long cold winters. Temperatures generally average approximate 11 degrees Celsius during the summer months.

Due to the mild summer temperatures, permafrost can be found throughout the geographic region. Locally permafrost is discontinuous, depending on slope direction, elevation and drainage patterns. Multiple freeze thaw cycles have resulted in felsenmeer slopes, covered with a thin layer of moss. The Dawson Range remained unglaciated during the Pleistocene, making outcrops rare, and maintaining a soil profile that is relatively in-place. The few outcrops that are present are located along sparsely vegetated ridges and in main creek drainages.

INFRASTRUCTURE

The Moosehorn property lacks any infrastructure and can only be accessed by helicopter. There are two winter road access routes from the Alaska Highway, one on either side of the Yukon-Alaska border that come near the property. A privately owned 2200 feet (670 m) gravel airstrip located ~5 km to the north of the property.

Access to the Moosehorn property in 2017 for the Geoprobe drill program was by AStar 350FX-2 helicopter operated by Horizon Helicopters Ltd and the crew was based out of InGold's Independence Creek Camp (also known as Boulevard Camp), located approximately 62 km to the southeast of the property. The soil sampling program was based out of Dawson City and crews were accessed the property by AStar 350 operated by Trans North Turbo Air Ltd.

The property is surrounded by placer mining activity. The largest operation is owned by Ian Warrick and Kate Robertson of Moosehorn Exploration, and is located 5 km north of the property.

HISTORY

PREVIOUS WORK

In 1970, high grade quartz gold veins west of the current Moosehorn claims were found by Quintana Minerals Ltd. (Sears and Heaton, 1997). The claims lapsed, and were re-staked by A. Harman and R.S. Adamson in 1972 as the Dea block, incorporating part of the current Moosehorn property. They were then optioned to Great Bear Mining in 1975 (Greig, 1975), and drilled in the same year following a large program of trenching, geophysics, geochemistry and geological mapping (Waugh, 1975).

In 1974, J. M. Kenyon staked the area to the west of the Dea claims, known as the Lori claims following the collection of a hand sample containing 88 g/t Au. The Lori claims were optioned to Claymore Resources in 1975 (Greig 1975) and drilled in the same year, discovering no significant mineralization, but acknowledging the possible presence of mineralization. Claymore switched to placer mining with the discovery of gold on Kenyon Creek in 1975. A rich quartz vein was discovered during mining, traceable to the top of the Moosehorn Range. Processing of near surface materials confirmed grades over 80 grams per tonne gold across narrow vein widths (Baker and Swanton, 2010).

In the late 1980s, Canada Tungsten Mining Corp. extracted over 13,000 oz of gold from these creeks. Sikanni Oilfield Construction Ltd. acquired the ground covering all three of the above-mentioned creeks as well as a small scale hard rock operation (Davidson, 1995) which extracted 3,225 ounces of gold before operations ceased in 1996 (Sears et al. 2000). Sikanni divested its interest in the claims with the ground being acquired by Barramundi Gold Ltd. who, in 1996 carried out a program including geophysical surveying, field mapping, trenching and surface sampling of felsenmeer, soil and stream sediments. Follow up work in 1999 consisted of diamond drilling, soil sampling and detailed geophysics. The program confirmed the presence of a gold-bearing quartz vein system of moderate size in Swede's Pit and intersected several smaller gold-bearing veins directly to the north (Sears et al. 2000).

The work described above focused primarily on the western slope of the Moosehorn Range, which is not covered by the current Moosehorn property. The streams draining the eastern flank of the ridge were first explored for the potential of placer gold in 1986 and it was concluded that the area had potential for producing similar grades to those seen in Kenyon Creek (Warrick and Robertson, 1987).

The Moosehorn Range area was the subject of Nancy Joyce's Masters Thesis from the University of British Columbia. Joyce (2002) described the tectonic setting and timing of intrusive bodies in the area, post-intrusion structural events, and the geochemistry of the gold-bearing quartz veins which have been the focus all historical economic exploration.

RECENT HISTORY

In 2010, Equity Exploration Consultants Ltd. on behalf of Silver Quest collected 43 soil samples from a single soil contour line with 50 m spaced samples, one rock sample and one silt sample. This work was completed in one day by two prospectors (Baker and Swanton, 2010).

In 2011, Silver Quest collected 67 soil samples, along two separate sampling lines with 100 m spaced samples. No rock or silt samples were taken during this program. Two anomalous gold-in-soil zones with coincident arsenic and antimony were discovered in the southeast part of the property in 2011 (Congdon, 2011). At the end of 2011, the property was transferred to InGold, who collected 447 soil samples from 2 ridge top sampling grids spaced at 50 m intervals in 2012. The 2012 program outlined a 1.2 km long gold and arsenic anomaly. Further work including trenching was recommended.

In 2016, InGold collected 164 soil samples, 9 prospecting rock samples and excavated three trenches (527m total) collecting 228 rock samples (Gale and Johnston, 2016). The soil sample results expanded the gold-in-soil anomaly to the north by 200 m. Prospecting rock samples returned up to 939 ppb Au. Trenching confirmed gold mineralization related to soil anomalies and returned 5,140 ppb Au over 2.0 m in trench 1, 730 ppb Au over 6.0 m and 524 ppb Au over 6.0m in trench 2. Detailed quartz vein sampling within the anomalous zones of trench 2 returned values ranging from 100 to 1,600 ppb Au.

GEOLOGICAL SETTING

REGIONAL GEOLOGY

Moosehorn is situated within the Yukon-Tanana Terrane approximately 160 km southwest of the Tintina Fault in west-central Yukon. This area is characterized by various pericratonic terranes that were accreted to the ancestral continental margin of North America in the early Jurassic. During the mid-Cretaceous the pericratonic terranes were intruded by a northwest-southeast trending plutonic suite known as the Dawson Range plutonic belt (Hart et al. 2004).

PROPERTY GEOLOGY

The country rock in the Moosehorn Range is composed of biotite-quartz ± feldspar ± muscovite gneiss and schist; these rocks were intruded by a Cretaceous pluton belonging to the Whitehorse Plutonic Suite which directly underlies the Moosehorn property. The plutonic rocks form as a massive hornblende-biotite granodiorite (Joyce, 2002). This intrusion was followed by a younger intrusion (96 and 100 Ma) of numerous porphyritic dykes of diorite to granodiorite (Joyce 2002) which cut the main body of the Whitehorse Plutonic Suite. Replacement of hornblende by biotite or chlorite ± epidote is widespread in the Moosehorn area (Joyce, 2002). Current understanding suggests that these dykes belong to the upper Cretaceous Carmacks Group volcanic rocks (Gordey and Ryan, 2005).

Structural geology of the area is difficult to interpret due to lack of in-place outcrop. Topographic lineaments define a major set of NNW-trending features connected by a smaller set of northeast-trending features. Lows on a magnetic total field map are parallel to this system (Joyce, 2002).

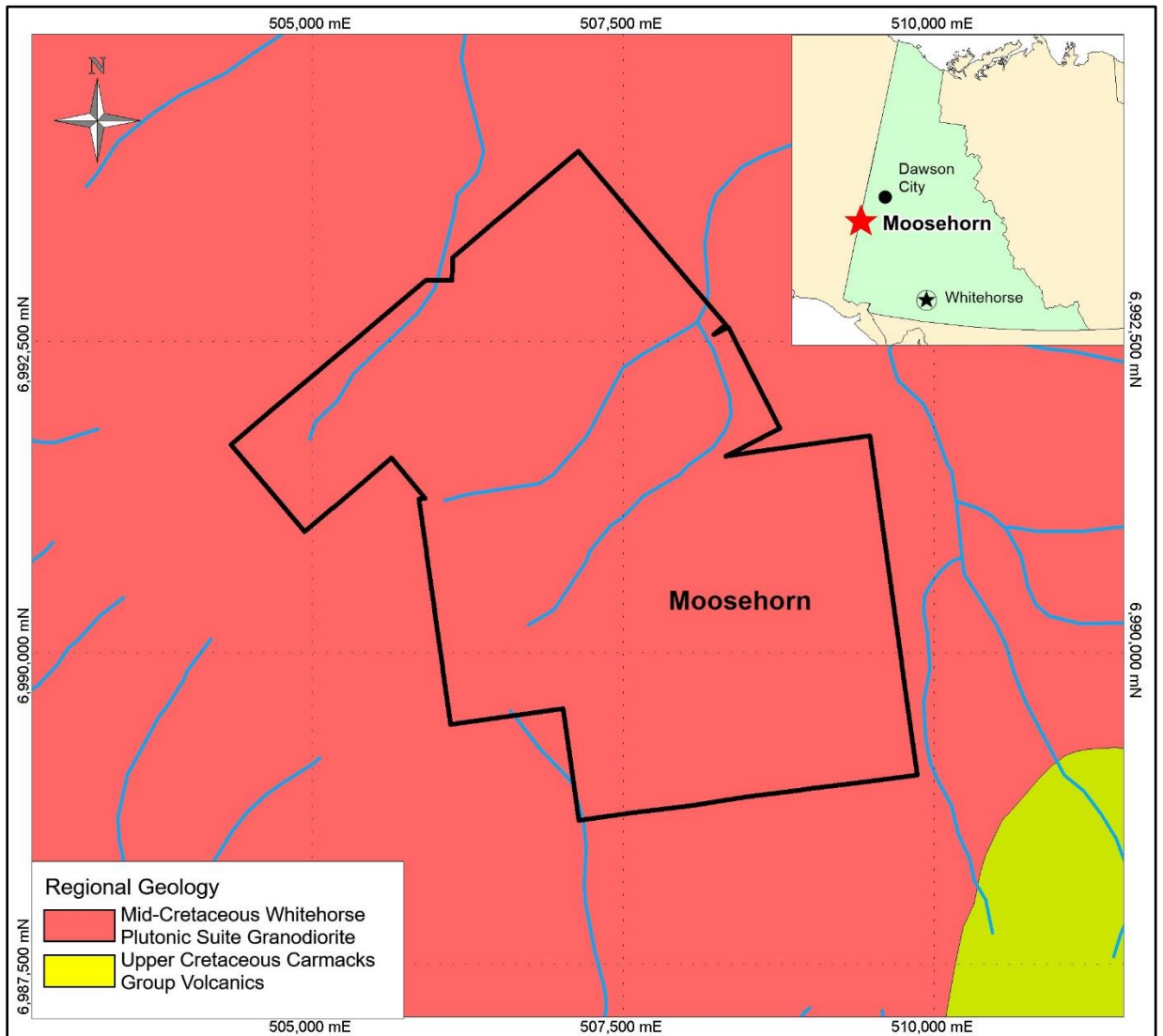


Figure 3 – Regional Geology

GEOCHEMISTRY

SOIL PROGRAM

Coast Mountain Geological Ltd of Vancouver, was contracted to conduct soil sampling on several projects for InGold during the 2017 field season. The crew was based out of Dawson, YT, and flew to the property each day. The program was completed in two days (September 5 and 6, 2017) by a crew of four samplers. The crew collected 173 soil samples from within the Moosehorn property (see 2017 Surface Sample Locations map). Fifty-one samples were collected on a 50 m grid north and west of previously sampled grid within the central part of the property. The remaining 122 samples were collected at 100 m intervals along ridges not previously sampled.

The Coast Mountain Geological personnel used to complete this work were: Geoff Schellenberg, Stephen Bartlett, Trevor Davidge, and Matthew McGuinness. Their address is C/O Coast Mountain Geological Ltd, Box 62, 488 – 625 Howe Street, Vancouver, BC, V6C 2T6.

All samplers use rigorous sampling procedures when collecting the C-horizon soil samples. Samplers began by removing a 30 centimetre (cm) by 30 cm section of moss mat or vegetative cover. Second, a soil pit of similar dimensions was hand excavated; exposing A and B soil horizon boundaries and reaching the top of the C-horizon where feasible. The depth of the pit varied from 20 cm to 60 cm, depending on sampling conditions. A handheld Dutch auger was then placed in the bottom of the pit, and used to auger as deep as possible (~75 – 90 cm total depth). Soil cores, the length of the head of the auger, were removed from the auger hole each time the auger filled with soil. This core of soil material (300 grams to 400 grams) obtained from the final core was collected in a standard KRAFT soil sample bag and transported with the crew at the end of each to Dawson.

All sample locations were rehabilitated by back-filling the soil pit and replacing the moss mat or vegetative cover. This was done to minimize the environmental impact. Locations with permafrost or areas lacking mineral soils were not sampled. Equipment such as shovels and trowels were cleaned between samples. All sample locations were recorded using a hand-held GPS, and coordinates are referenced to the 1983 North American Datum (NAD 83), Zone 7. A complete description of soil type, depth, thickness of the sample, the surrounding environment and the terrain was recorded at each location. Map 1 shows soil sample locations.

Samples were submitted to SGS Canada Inc. laboratory facility in Vancouver, an ISO 17025 certified facility. Samples were analysed by aqua regia digestion and inductively coupled plasma with mass spectrometry (ICP-MS) analysis for 36-elements (SGS GE IMS14B). Gold was analysed by 30 g fire assay and atomic absorption spectroscopy (SGS GE FAA313). Assay certificates of analysis, laboratory certification and analytical method summaries are presented in Appendix 1.

GEOPROBE PROGRAM

A Geoprobe, direct push drill was mobilized from Whitehorse, YT, to Minto mine by truck then flown to Thistle airstrip then to InGold's Independence Creek camp using an AStar 350FX-2 helicopter. The planned drill traverse line was walked by a InGold senior geologist prior to final line placement. The drill was then flown to the Moosehorn property using the AStar helicopter. A three-person crew was transported between the Moosehorn property and Independence Creek

camp each day using the helicopter. Twenty-two holes were drilled to collect one rock sample from each hole. Drill holes were approximately 4.5 m apart along a single traverse line (see Figure 4 below). The drill holes were completed over four days, August 28 - 31, 2017. The drill holes were positioned over a Au-in-soil anomaly outlined by soil samples collected in 2016. Limited brushing was completed in preparation for drilling with no large trees (diameter >5 cm) cut down for the program. Surveying of each end of the traverse line was done using the Garmin handheld GPS with approximately 1.5 m accuracy and holes were spaced using a measured length of rope. Depth of sample was between 0.75 – 1.75 m. Two prepared standard samples were submitted with the rock samples. Map 1 shows the Geoprobe sample locations.

Dark Side Drilling, a division of Kryotek Arctic Innovation Inc, was contracted to conduct the drilling and provided two crew members: Devon McDiarmid and Avery Enns. Their address is C/O Dark Side Drilling, #173-108 Elliott Street, Whitehorse, Yukon, Y1A 6C4. An InGold senior geologist, Bruce Kienlen, assisted the Kryotec crew and planned the holes.

Samples were submitted to SGS Canada Inc. laboratory facility in Vancouver, an ISO 17025 certified facility. Samples were analysed by aqua regia digestion and inductively coupled plasma with optical emission spectroscopy (ICP-OES) analysis for 34-elements (SGS GE ICP14B). Gold was analysed by 30 g fire assay and atomic absorption spectroscopy (SGS GE FAA313). Assay certificates of analysis, laboratory certification and analytical method summaries are presented in Appendix 2.

QUALITY ASSURANCE/QUALITY CONTROL

Two Quality Assurance-Quality Control prepared standards, purchased from CDN Resource Laboratories, were submitted along with the rocks samples collected by the Geoprobe drill. A gold standard (CND-GS-P4E) and a blank sample (CND-BL-10) were submitted as samples D00018729 and D00018745, respectively. The values from these blanks were used to check for contamination between samples, and gold standards were used to check the consistency of the analytical procedures used by SGS Canada Inc. Erroneous QA-QC results are investigated and appropriate re-analysis undertaken when necessary. Internal SGS Canada Inc. blanks, duplicates, standards and spikes were also used to confirm the accuracy of the analytical methods and instruments.

Quality Assurance-Quality Control samples for the Moosehorn property passed without any concerns.

DISCUSSIONS AND CONCLUSIONS

InGold uses its proprietary White Gold area soil sample database to calculate anomalous thresholds based on percentiles. Previous soil sampling on the Moosehorn property outlined a Au-As anomaly in the central portion of the property. Soil samples collected in 2017 on the northern end of the previous soil grid, did not return anomalous (>88th percentile) concentrations of Au. However, several samples returned anomalous concentrations of As extending the anomalous trend.

The ridge soil samples returned several samples with anomalous Au and As, including two locations on the northernmost sample line that returned three contiguous samples with both anomalous Au and As. A traverse line through the central portion of the property returned two contiguous samples on the eastern end of the line with very anomalous Au (30 ppb & 40 ppb Au) and As (91 ppm & 115 ppm). These samples are ~900 m north of a previously defined Au and As anomaly and suggest the continuation of this anomalous trend. Soil samples collected on a ridge east of the central soil grid returned two samples with anomalous Au and four of five contiguous samples with anomalous As. These samples suggest the central Moosehorn soil anomaly extends eastwards (see Maps 2 & 3 for Au and As thematic results).

Table 2 - Soil Sample Percentiles based on InGold's White Gold District Database

Element	75 th Percentile	88 th Percentile	95 th Percentile	98 th Percentile
Au	10 ppb	15 ppb	27 ppb	52.88 ppb
As (ppm)	10 ppm	20 ppm	49.7 ppm	103

The Geoprobe drill traverse was situated over a Au-As-Sb anomaly revealed in the 2016 soil sample results. Rocks sampled by the Geoprobe drill did not return significantly anomalous Au or As. The highest Au and As concentrations were 45 ppb Au and 456 ppm As from sample D00018740. Figure 4 shows thematically mapped Au and As results for the Geoprobe samples. The concentrations of Au and As are elevated in several samples and may suggest mineralization in the area but no RC or core drill targets were delineated with the Geoprobe drill traverse. Multiple parallel Geoprobe lines are probably warranted to adequately test a soil anomaly.

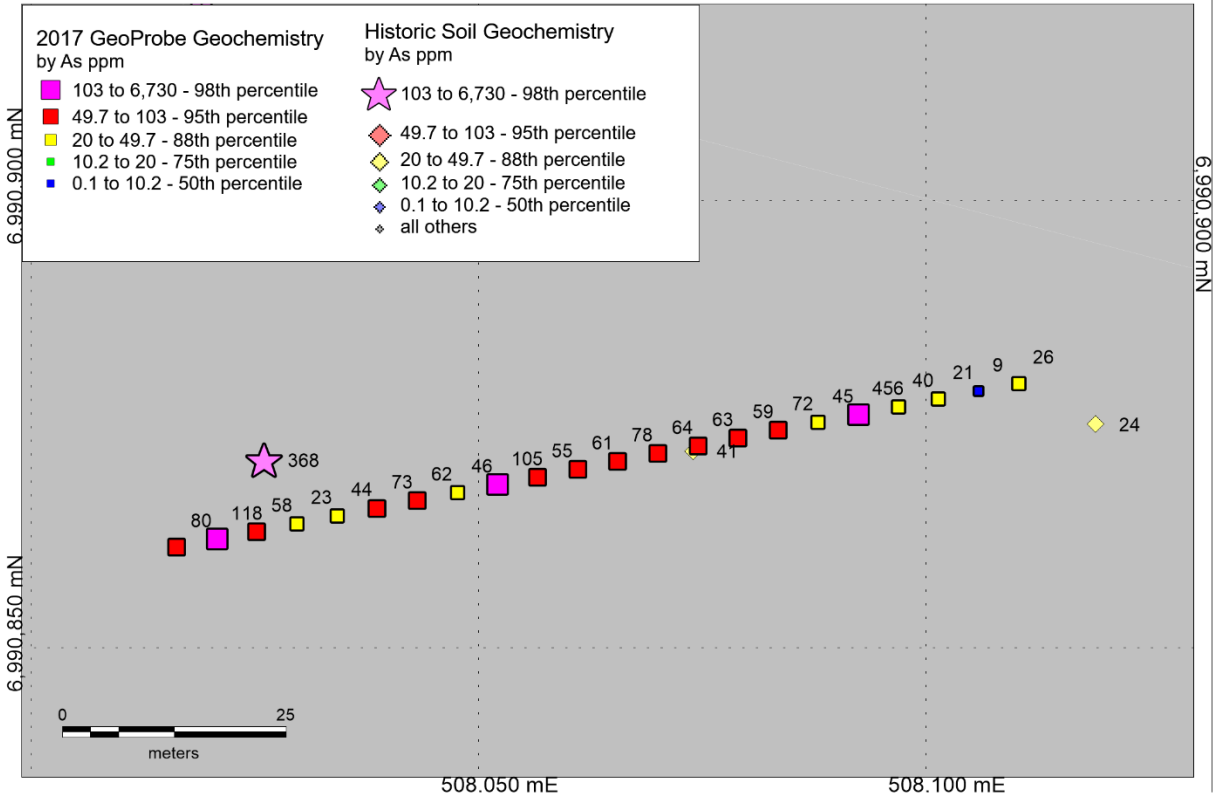
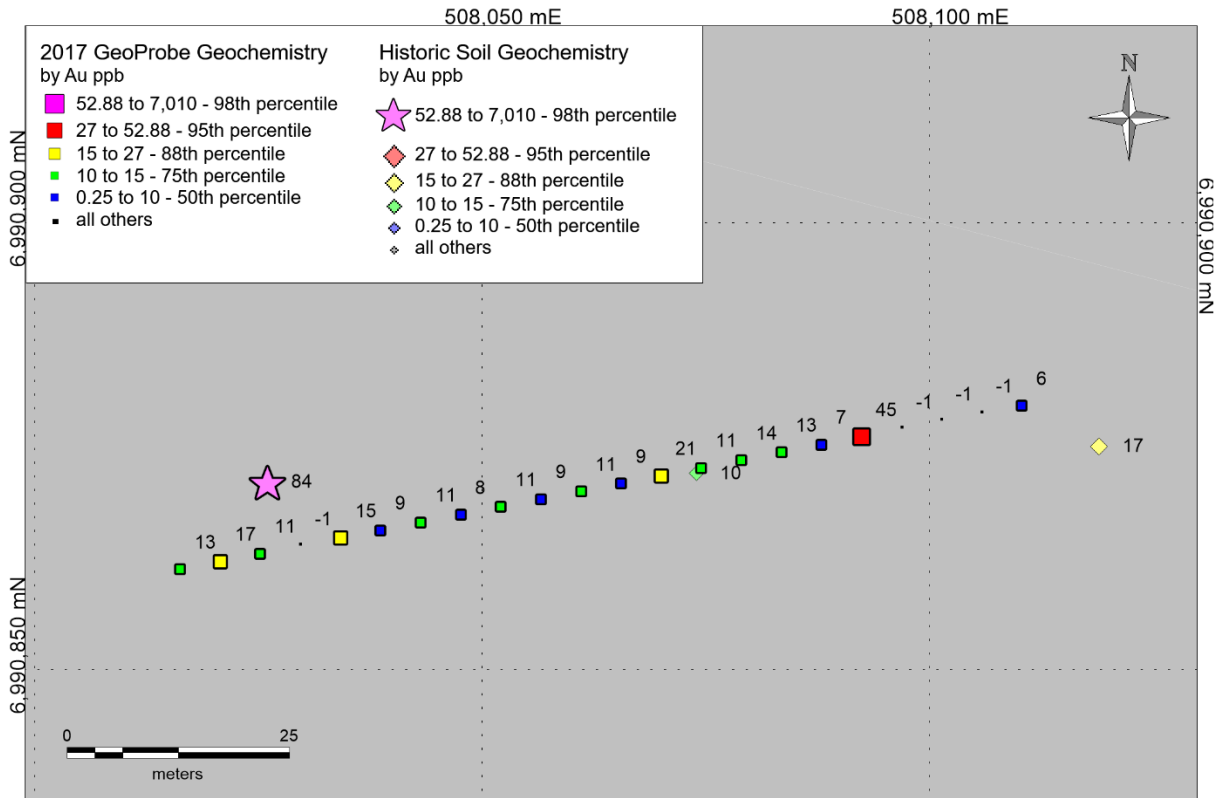


Figure 4 – Geoprobe Gold and Arsenic Geochemistry

RECOMMENDATIONS

The following recommendations can be made for further exploration on the Moosehorn property:

- Soil samples are warranted around ridge samples that returned anomalous Au and/or As concentrations. Small 50 m x 50 m grid over the previous sampling is recommended.
- The central soil grid (50 m x 50 m spacing) should be extended northwards to at least 150 m beyond the Au-As anomaly seen on the central ridge line.
- The central soil grid (50 m x 50 m spacing) should also be extended eastwards to at least 300 m beyond the Au-As anomaly seen on the eastern ridge line sampled in 2017.
- Additional Geoprobe drill traverses are warranted to test the soil anomalies.

REFERENCES

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STATEMENT OF QUALIFICATIONS

I, Bruce Kienlen, PGeo, BSc, of 4763 Cove Cliff Road, British Columbia, hereby certify that:

I am a graduate of the University of Alberta having obtained the degree of Bachelor of Science in Geology in 1996.

I am a registered member of the Association of Professional Engineers and Geoscientists of Alberta (#59890).

I have been continuously employed in the mineral exploration industry in Canada since 1996.

I am currently employed as a Senior Geologist, by Independence Gold Corp. Suite 1020-625 Howe Street, Vancouver, British Columbia, Canada, V6C 2T6.

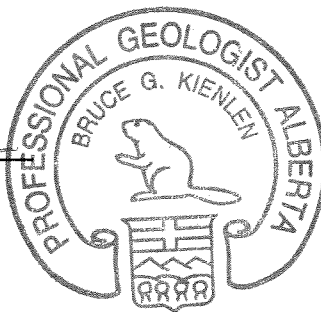
I am co-author of the report entitled "2017 Soil Sampling and Geoprobe Drilling on the Moosehorn Property, Yukon".

I participated in and managed a portion of the geological work and reviewed the results reported herein.

Dated this 15th day of December, 2017.



Bruce Kienlen, PGeo, BSc



STATEMENT OF EXPENDITURES

	Quantity	Rate	Cost
Soil Sampling			
Soil Samples Analyzed	173	\$ 23.22	\$ 4,016.60
Sample Shipping	1		\$ 50.52
Expediting Services			\$ 78.72
Sample Supplies	173	\$ 1.63	\$ 281.14
Equipment Rentals (truck, satphone)	2.2	\$ 218.00	\$ 479.61
Geologists	10.4	\$ 400.00	\$ 4,160.00
Expenses (travel & accommodations)	10.4	\$ 100.00	\$ 1,040.00
Helicopter Hours	4.2	\$ 1,695.00	\$ 7,119.00
Helicopter Fuel (litres)	735	\$ 1.30	\$ 955.50
Subtotal			\$ 18,181.09
Geoprobe Drilling			
Rock Samples Analyzed	24	\$ 23.57	\$ 565.60
Expediting Services	1	\$ 75.00	\$ 75.00
Senior Geologist	5	\$ 500.00	\$ 2,500.00
Cook	4	\$ 400.00	\$ 1,600.00
Camp Manager	2	\$ 400.00	\$ 800.00
Flights to camp	2	\$ 2,200.00	\$ 4,400.00
Kryotec Geoprobe drill days	4	\$ 3,250.00	\$ 13,000.00
Kryotec Geoprobe drill meters	22	\$ 25.00	\$ 550.00
Kryotec Geoprobe Mob	1	\$ 618.75	\$ 618.75
Kryotec Geoprobe Admin/safety	1	\$ 1,050.00	\$ 1,050.00
Camp Costs (per man day)	21	\$ 100.00	\$ 2,100.00
Helicopter Hour(s)	12.5	\$ 1,525.00	\$ 19,062.50
Helicopter Fuel (positioned drums)	10.625	\$ 650.00	\$ 6,906.25
Geoprobe mob to camp	1	\$ 2,852.18	\$ 2,852.18
Geoprobe demob from camp	1	\$ 1,869.75	\$ 1,869.75
Subtotal			\$ 57,950.03
Reporting And Result Interp (days)	12	\$ 500.00	\$ 6,000.00
		Total:	\$ 82,131.12

Dates worked: August 29 to September 6, 2017

Work Completed by: Kryotec Arctic Innovation Inc and Coast Mountain Geological Ltd

Field Supervision and assistance by Independence Gold Inc

Travel costs exclude Airfare for Coast Crew from Vancouver to Whitehorse

Costs exclude GST

APPENDIX 1

Laboratory Assay Certificates Soil Samples



Certificate of Analysis
Work Order : VC173094
[Report File No.: 000025233]

Date: October 12, 2017

To: **KENDRA JOHNSTON**
 INVOICE PAYMENT APPROVER
INDEPENDENCE GOLD CORP.
 1020-625 HOWE STREET
 VANCOUVER BC V6C 2T6

P.O. No.: BLVD-90503-05 / YK17_MHR_SS1
 Project No.: YK17_MHR_SS1
 Samples: 76
 Received: Sep 12, 2017
 Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
76	G_LOG02	Pre-preparation processing, sorting, logging, boxing
76	G_WGH79	Weighing of samples and reporting of weights
76	GE_FAA313	@Au, FAS, AAS, 30g-5ml(Final Mode)
76	GE_IMS14B	Aqua Regia digestion/ICP-MS package

Storage: Pulp & Reject

REJECT STORAGE : DISPOSE AFTER 30 DAYS
 PULP STORAGE : DISPOSE AFTER 90 DAYS

Certified By :



John Chiang
 QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

Report Footer:

L.N.R. = Listed not received
 n.a. = Not applicable

I.S. = Insufficient Sample
 -- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Report File No.: 0000025233

Element Method Det.Lim. Units	WtKg G_WGH79 0.01 kg	@Au GE_FAA313 5 ppb	Ag GE_IMS14B 0.01 ppm	Al GE_IMS14B 0.01 %	As GE_IMS14B 1 ppm	Ba GE_IMS14B 5 ppm	Bi GE_IMS14B 0.02 ppm	Ca GE_IMS14B 0.01 %
A00059251	0.480	7	0.02	2.97	10	284	0.18	0.22
A00059252	0.650	6	0.04	3.68	12	176	0.19	0.17
A00059253	0.545	<5	0.03	3.27	10	205	0.26	0.12
A00059254	0.660	6	0.07	2.48	9	315	0.22	0.51
A00059255	0.600	<5	0.02	2.62	11	140	0.11	0.13
A00059256	0.525	6	0.02	3.66	11	149	0.15	0.19
A00059257	0.510	<5	0.05	2.95	10	175	0.18	0.16
A00059258	0.470	7	0.04	2.15	8	194	0.14	0.23
A00059259	0.600	13	0.02	3.66	18	162	0.17	0.30
A00059260	0.620	<5	0.03	3.11	12	346	0.17	0.25
A00059261	0.625	11	0.02	2.41	16	173	0.17	0.12
A00059262	0.565	8	0.03	1.57	14	118	0.15	0.20
A00059263	0.405	40	0.08	1.72	115	112	0.16	0.23
A00059264	0.765	30	0.08	1.89	91	202	0.13	0.61
A00059265	0.665	8	0.02	2.15	7	168	0.21	0.37
A00059266	0.680	<5	0.07	2.41	6	323	0.12	0.63
A00059267	0.640	<5	<0.01	1.94	8	236	0.09	0.36
A00059268	0.645	9	0.05	2.86	11	199	0.17	0.20
A00059269	0.675	<5	0.01	2.24	11	182	0.12	0.28
A00059270	0.580	7	0.07	2.09	10	237	0.18	0.22
A00059271	0.710	16	0.02	1.46	38	134	0.11	0.20
A00059272	0.570	6	0.02	2.52	15	171	0.12	0.20
A00059273	0.665	8	0.01	2.67	11	145	0.17	0.24
A00059274	0.535	6	0.02	0.84	2	50	0.06	0.10
A00059275	0.585	7	<0.01	2.61	10	224	0.12	0.29
A00059276	0.615	<5	0.01	1.90	8	115	0.11	0.17
A00059277	0.580	7	0.01	2.63	8	221	0.11	0.25
A00059278	0.340	8	0.03	1.50	8	91	0.16	0.15
A00059279	0.575	10	0.01	2.36	7	171	0.07	0.24
A00059451	0.605	9	0.04	1.93	7	163	0.07	0.52
A00059452	0.435	<5	0.05	1.88	7	109	0.11	0.18
A00059453	0.430	8	0.11	2.50	9	297	0.16	0.51
A00059454	0.400	22	0.12	1.99	59	186	0.23	0.57
A00059455	0.495	13	0.08	2.03	17	206	0.13	0.40
A00059456	0.670	18	0.10	2.56	16	287	0.13	0.49
A00059457	0.565	10	0.06	2.25	8	195	0.11	0.38
A00059458	0.600	7	0.06	1.87	5	146	0.10	0.32
A00059459	0.660	11	0.03	2.19	6	159	0.12	0.31
A00059460	0.690	<5	0.05	2.22	6	245	0.12	0.32
A00059461	0.865	6	<0.01	2.99	7	399	0.15	0.60

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Element Method Def.Lim. Units	WtKg G_WGH79 0.01 kg	@Au GE_FAA313 5 ppb	Ag GE_IMS14B 0.01 ppm	Al GE_IMS14B 0.01 %	As GE_IMS14B 1 ppm	Ba GE_IMS14B 5 ppm	Bi GE_IMS14B 0.02 ppm	Ca GE_IMS14B 0.01 %
A00059462	0.620	<5	<0.01	2.57	7	269	0.10	0.28
A00059463	0.555	9	0.06	2.85	9	183	0.17	0.15
A00059464	0.595	7	0.04	3.01	8	420	0.16	0.62
A00059465	0.545	<5	0.16	2.60	10	152	0.22	0.20
A00059466	0.680	<5	0.05	2.40	12	159	0.16	0.21
A00059467	0.665	13	0.10	2.54	14	234	0.17	0.30
A00059468	0.630	19	0.02	1.17	70	198	0.12	0.15
A00059469	0.800	11	0.05	2.89	16	327	0.17	0.33
A00059470	0.515	<5	0.08	3.07	14	232	0.17	0.20
A00059471	0.635	8	0.03	2.63	94	304	0.14	0.19
A00059472	0.540	9	0.07	2.02	6	211	0.12	0.39
A00059473	0.470	8	0.07	1.97	6	170	0.11	0.34
A00059474	0.555	10	0.05	2.21	5	182	0.12	0.37
A00059475	0.460	7	0.14	2.01	5	160	0.10	0.27
A00059476	0.615	12	0.10	2.16	7	182	0.12	0.34
A00059477	0.605	7	0.09	2.22	7	192	0.11	0.33
A00059478	0.535	8	0.07	2.13	7	176	0.11	0.32
A00059479	0.530	7	0.05	2.03	5	168	0.09	0.34
A00059480	0.510	8	0.05	1.86	4	184	0.10	0.36
A00059481	0.580	5	0.02	1.62	21	101	0.14	0.13
A00059482	0.455	7	0.03	2.54	10	203	0.24	0.14
A00059483	0.485	11	0.15	2.60	18	181	0.17	0.16
A00059484	0.530	9	0.01	2.34	13	157	0.12	0.19
A00059485	0.560	7	0.05	2.38	4	255	0.12	0.51
A00059486	0.590	9	0.08	2.10	6	234	0.10	0.48
A00059487	0.705	8	0.07	2.07	8	235	0.12	0.42
A00059488	0.605	<5	0.06	2.36	5	228	0.15	0.39
A00059489	0.600	<5	0.09	1.86	6	212	0.11	0.37
A00059490	0.590	10	0.05	2.03	7	218	0.12	0.34
A00059491	0.575	<5	0.05	1.96	6	175	0.10	0.28
A00059492	0.595	7	0.08	1.90	6	164	0.11	0.32
A00059493	0.560	7	0.10	2.38	7	214	0.13	0.37
A00059494	0.585	<5	0.04	3.62	12	229	0.20	0.30
A00059495	0.625	6	0.03	2.75	8	277	0.11	0.59
A00059496	0.630	7	0.03	3.74	14	166	0.13	0.20
A00059497	0.640	5	0.05	2.59	7	212	0.12	0.46
*Rep A00059262			0.03	1.58	14	117	0.14	0.20
*Rep A00059272			0.02	2.53	14	169	0.12	0.20
*Rep A00059469			0.05	2.83	17	339	0.18	0.33
*Rep A00059487			0.07	2.11	7	238	0.13	0.43

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Report File No.: 0000025233

Element Method Det.Lim. Units	@Au GE_FAA313 5 ppb	Ag GE_IMS14B 0.01 ppm	Al GE_IMS14B 0.01 %	As GE_IMS14B 1 ppm	Ba GE_IMS14B 5 ppm	Bi GE_IMS14B 0.02 ppm	Ca GE_IMS14B 0.01 %
*Std OREAS209		0.26	1.18	1120	71	0.06	1.41
*Std OREAS151B		0.54	2.48	34	70	0.41	1.33
*Std OREAS902		0.27	0.49	624	14	8.75	3.87
*Blk BLANK		<0.01	<0.01	<1	<5	<0.02	<0.01
*Blk BLANK		<0.01	<0.01	<1	<5	<0.02	<0.01
*Rep A00059275	7						
*Rep A00059461	<5						
*Rep A00059473	5						
*Std OREAS151B	71						
*Std OXN117	7990						
*Std OREAS251	535						
*Blk BLANK	<5						
*Blk BLANK	<5						

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Element Method Det.Lim. Units	Cd GE_IMS14B 0.01 ppm	Ce GE_IMS14B 0.05 ppm	Co GE_IMS14B 0.1 ppm	Cr GE_IMS14B 1 ppm	Cu GE_IMS14B 0.5 ppm	Fe GE_IMS14B 0.01 %	Ga GE_IMS14B 0.1 ppm	Hg GE_IMS14B 0.01 ppm
A00059251	0.09	17.9	12.9	42	29.1	3.88	8.6	<0.01
A00059252	0.12	28.1	18.1	42	25.2	4.81	11.2	0.01
A00059253	0.14	34.8	13.2	28	20.4	4.84	9.0	<0.01
A00059254	0.11	55.8	9.0	27	20.9	2.89	9.2	<0.01
A00059255	0.10	92.1	14.7	21	17.0	4.55	8.4	<0.01
A00059256	0.14	22.9	14.0	45	26.3	4.03	8.3	0.02
A00059257	0.13	17.3	12.0	40	25.0	4.01	9.2	<0.01
A00059258	0.12	25.3	8.5	27	22.2	2.55	6.7	<0.01
A00059259	<0.01	17.2	18.2	44	27.5	4.79	10.1	<0.01
A00059260	0.08	22.8	13.7	39	26.1	4.13	8.0	0.01
A00059261	0.08	32.6	12.7	26	17.5	3.68	6.2	<0.01
A00059262	0.07	14.1	6.4	23	13.0	2.29	5.6	<0.01
A00059263	0.07	12.6	5.8	22	12.0	2.26	5.9	0.01
A00059264	0.13	29.4	12.5	31	18.7	3.19	5.9	0.12
A00059265	0.08	27.8	8.3	32	17.1	2.84	7.6	<0.01
A00059266	0.05	31.9	13.0	37	30.1	3.40	7.0	0.01
A00059267	0.09	36.4	12.8	33	19.9	3.32	5.2	<0.01
A00059268	0.11	22.6	10.5	35	21.0	3.97	9.5	<0.01
A00059269	0.09	30.5	10.5	32	23.6	3.35	7.8	<0.01
A00059270	0.08	17.8	9.5	41	20.0	3.49	7.6	<0.01
A00059271	0.10	33.2	8.6	21	18.2	2.30	4.0	<0.01
A00059272	0.25	15.4	11.4	36	25.1	3.10	6.1	0.01
A00059273	0.14	22.9	13.2	36	20.3	4.02	8.4	<0.01
A00059274	0.03	9.41	2.8	10	7.7	1.14	3.4	<0.01
A00059275	0.07	23.8	13.2	41	32.0	3.42	6.6	0.01
A00059276	0.06	18.7	8.2	23	17.7	2.57	6.3	<0.01
A00059277	0.08	31.0	15.0	32	22.6	3.87	7.5	<0.01
A00059278	0.09	16.6	5.3	21	18.4	2.22	7.8	<0.01
A00059279	0.09	31.6	13.3	24	20.2	3.85	6.8	<0.01
A00059451	0.13	29.7	10.9	36	28.6	3.16	5.8	0.01
A00059452	0.14	11.3	8.4	24	18.1	2.66	6.7	<0.01
A00059453	0.12	30.4	11.8	34	27.4	3.58	8.2	0.03
A00059454	0.13	22.2	10.3	30	25.3	3.08	6.6	0.03
A00059455	0.15	21.1	10.5	30	22.5	2.71	6.6	<0.01
A00059456	0.15	47.8	12.3	40	38.5	3.38	8.0	0.02
A00059457	0.09	22.7	10.5	31	22.7	2.95	7.0	0.01
A00059458	0.07	15.9	7.9	26	18.0	2.47	6.3	0.02
A00059459	0.09	18.6	8.5	28	17.5	2.75	6.6	<0.01
A00059460	0.10	36.2	10.8	28	20.4	3.05	7.3	0.02
A00059461	0.09	121	21.2	26	44.2	5.97	11.0	<0.01

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Report File No.: 0000025233

Element Method Det.Lim. Units	Cd GE_IMS14B 0.01 ppm	Ce GE_IMS14B 0.05 ppm	Co GE_IMS14B 0.1 ppm	Cr GE_IMS14B 1 ppm	Cu GE_IMS14B 0.5 ppm	Fe GE_IMS14B 0.01 %	Ga GE_IMS14B 0.1 ppm	Hg GE_IMS14B 0.01 ppm
A00059462	0.11	51.1	14.9	33	30.3	3.90	7.5	<0.01
A00059463	0.08	29.5	13.3	32	24.9	4.23	9.2	<0.01
A00059464	0.09	141	25.1	34	37.4	6.46	12.0	<0.01
A00059465	0.12	21.6	11.4	34	22.7	4.39	10.6	0.01
A00059466	0.15	51.9	17.2	25	29.4	4.43	8.5	<0.01
A00059467	0.11	38.8	11.0	30	27.1	3.67	8.7	<0.01
A00059468	0.13	135	10.2	15	9.6	2.70	4.5	0.01
A00059469	0.07	85.3	11.3	33	21.7	3.40	8.5	0.01
A00059470	0.13	24.9	14.4	43	26.9	4.06	9.3	<0.01
A00059471	0.14	28.1	13.7	32	18.1	3.86	7.8	<0.01
A00059472	0.11	23.5	10.6	30	17.8	3.00	6.9	0.02
A00059473	0.14	21.9	9.5	29	17.3	2.96	7.0	0.02
A00059474	0.10	24.5	11.8	29	17.7	3.22	7.4	0.02
A00059475	0.09	25.4	8.6	26	17.9	2.60	6.2	0.04
A00059476	0.11	29.0	10.0	27	18.5	2.87	7.0	0.02
A00059477	0.11	31.3	9.8	26	17.6	3.00	7.2	0.01
A00059478	0.09	23.6	11.1	25	16.9	3.05	6.8	0.02
A00059479	0.10	26.0	8.7	23	15.1	2.50	6.3	0.03
A00059480	0.10	24.1	7.7	27	17.3	2.42	6.1	0.07
A00059481	0.10	33.7	11.5	22	14.2	3.29	6.7	0.05
A00059482	0.10	23.6	10.4	33	19.3	3.65	8.5	0.07
A00059483	0.08	19.5	8.1	33	21.3	3.21	8.5	<0.01
A00059484	0.06	21.5	11.2	32	20.2	3.15	6.9	0.02
A00059485	0.09	27.9	9.6	32	19.9	2.69	7.3	0.03
A00059486	0.09	26.1	9.3	29	19.9	2.54	6.2	0.03
A00059487	0.12	31.4	15.6	28	18.0	3.21	6.3	0.03
A00059488	0.09	25.9	10.3	31	18.0	2.92	7.3	0.02
A00059489	0.11	25.6	7.9	26	16.2	2.47	6.3	0.10
A00059490	0.09	23.4	9.2	28	15.4	2.72	6.5	0.07
A00059491	0.07	18.3	8.9	24	12.9	2.46	6.2	0.02
A00059492	0.11	21.8	8.6	24	14.8	2.57	6.2	0.03
A00059493	0.12	31.0	8.5	31	22.1	2.96	7.6	0.07
A00059494	0.14	31.8	14.5	34	29.0	3.83	9.1	0.02
A00059495	0.06	36.4	10.5	19	13.7	2.84	6.9	0.01
A00059496	0.09	20.0	15.1	32	24.8	4.13	9.5	<0.01
A00059497	0.06	29.9	11.9	32	27.4	3.06	7.0	<0.01
*Rep A00059262	0.08	15.6	6.2	22	12.6	2.24	5.4	<0.01
*Rep A00059272	0.27	15.8	11.6	36	25.3	3.06	6.1	<0.01
*Rep A00059469	0.08	85.4	11.2	33	22.0	3.40	8.3	0.02
*Rep A00059487	0.12	30.7	15.1	29	18.8	3.33	6.6	0.03

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Element Method Det.Lim. Units	Cd GE_IMS14B 0.01 ppm	Ce GE_IMS14B 0.05 ppm	Co GE_IMS14B 0.1 ppm	Cr GE_IMS14B 1 ppm	Cu GE_IMS14B 0.5 ppm	Fe GE_IMS14B 0.01 %	Ga GE_IMS14B 0.1 ppm	Hg GE_IMS14B 0.01 ppm
*Std OREAS209	0.07	27.7	30.1	43	79.5	6.34	3.9	<0.01
*Std OREAS151B	0.61	16.8	11.9	30	1860	3.47	7.8	0.01
*Std OREAS902	0.02	29.6	989	23	3070	3.14	1.4	0.04
*Bik BLANK	<0.01	<0.05	<0.1	<1	<0.5	<0.01	<0.1	<0.01
*Bik BLANK	<0.01	<0.05	<0.1	<1	<0.5	<0.01	<0.1	<0.01

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Report File No.: 0000025233

Element Method Det.Lim. Units	K GE_IMS14B 0.01 %	La GE_IMS14B 0.1 ppm	Mg GE_IMS14B 0.01 %	Mn GE_IMS14B 2 ppm	Mo GE_IMS14B 0.05 ppm	Na GE_IMS14B 0.01 %	Ni GE_IMS14B 0.5 ppm	P GE_IMS14B 50 ppm
A00059251	0.05	8.0	0.62	374	1.56	0.03	26.1	270
A00059252	0.09	12.0	0.77	443	1.76	0.02	26.3	410
A00059253	0.11	17.2	0.46	381	1.41	0.02	19.1	400
A00059254	0.08	31.8	0.44	767	1.25	0.02	15.9	420
A00059255	0.24	43.5	0.53	907	1.42	0.02	10.9	530
A00059256	0.07	10.0	0.56	401	1.79	0.03	24.6	420
A00059257	0.05	8.3	0.54	267	1.46	0.02	25.4	200
A00059258	0.06	12.3	0.40	339	0.97	0.03	16.7	350
A00059259	0.10	8.1	0.65	351	1.63	0.13	30.9	480
A00059260	0.07	10.7	0.57	386	1.61	0.02	24.7	270
A00059261	0.09	15.5	0.38	482	1.17	0.02	16.9	280
A00059262	0.09	6.5	0.28	314	1.26	0.02	11.2	300
A00059263	0.09	6.0	0.30	256	0.83	0.02	10.9	200
A00059264	0.08	13.4	0.56	804	0.94	0.03	17.2	570
A00059265	0.10	13.5	0.57	293	0.78	0.03	18.4	260
A00059266	0.10	15.0	0.82	487	0.74	0.04	23.7	620
A00059267	0.11	16.5	0.65	550	1.51	0.03	22.6	400
A00059268	0.06	11.0	0.46	332	1.96	0.02	20.3	240
A00059269	0.06	13.6	0.59	366	0.91	0.02	21.8	200
A00059270	0.03	8.4	0.51	308	1.70	0.03	19.7	160
A00059271	0.07	15.4	0.36	418	1.20	0.02	14.6	230
A00059272	0.04	6.2	0.44	535	1.53	0.03	24.5	220
A00059273	0.09	10.6	0.58	774	1.32	0.02	22.1	350
A00059274	0.03	4.5	0.13	122	0.44	0.03	4.1	250
A00059275	0.06	10.0	0.67	482	0.91	0.03	27.5	180
A00059276	0.05	8.9	0.38	242	1.11	0.03	15.0	240
A00059277	0.09	10.6	0.72	535	0.96	0.03	21.0	220
A00059278	0.05	8.0	0.25	167	1.42	0.02	9.6	170
A00059279	0.19	14.3	0.72	608	0.91	0.02	16.1	460
A00059451	0.11	14.1	0.75	396	0.46	0.04	24.1	750
A00059452	0.05	5.4	0.46	211	0.60	0.02	14.9	200
A00059453	0.07	15.8	0.75	493	0.85	0.03	21.8	620
A00059454	0.06	11.0	0.63	368	0.93	0.03	19.8	560
A00059455	0.06	10.0	0.60	421	0.77	0.03	18.4	530
A00059456	0.14	23.4	0.80	375	0.50	0.03	24.6	570
A00059457	0.07	10.6	0.69	333	0.46	0.03	19.7	490
A00059458	0.05	7.6	0.56	241	0.60	0.03	15.5	480
A00059459	0.05	8.9	0.59	205	0.51	0.03	16.8	440
A00059460	0.09	17.7	0.72	310	0.59	0.03	17.8	520
A00059461	0.53	60.3	1.36	1430	0.62	0.02	17.5	1720

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Report File No.: 0000025233

Element Method Det.Lim. Units	K	La	Mg	Mn	Mo	Na	Ni	P
	GE_IMS14B 0.01 %	GE_IMS14B 0.1 ppm	GE_IMS14B 0.01 %	GE_IMS14B 2 ppm	GE_IMS14B 0.05 ppm	GE_IMS14B 0.01 %	GE_IMS14B 0.5 ppm	GE_IMS14B 50 ppm
A00059462	0.12	24.6	0.79	495	0.76	0.02	21.2	390
A00059463	0.12	14.1	0.69	314	1.46	0.02	20.3	320
A00059464	0.39	79.9	1.82	1740	0.53	0.03	21.4	1250
A00059465	0.06	10.0	0.65	356	1.98	0.02	20.2	320
A00059466	0.22	23.8	0.75	1000	1.03	0.02	17.3	580
A00059467	0.07	21.4	0.68	323	0.90	0.02	19.1	250
A00059468	0.12	67.5	0.30	538	1.03	0.02	7.8	400
A00059469	0.12	49.1	0.58	296	1.19	0.02	20.5	440
A00059470	0.05	11.4	0.63	389	1.67	0.02	26.7	200
A00059471	0.13	12.5	0.58	592	1.53	0.02	18.8	530
A00059472	0.06	10.9	0.65	474	0.78	0.03	16.9	640
A00059473	0.06	10.4	0.67	427	0.73	0.02	16.3	570
A00059474	0.10	11.8	0.72	594	0.73	0.03	17.3	600
A00059475	0.07	12.2	0.57	298	0.67	0.03	14.7	560
A00059476	0.10	14.8	0.71	459	0.67	0.03	15.6	560
A00059477	0.10	15.9	0.70	324	0.62	0.03	15.3	620
A00059478	0.10	11.9	0.70	521	0.67	0.03	14.4	610
A00059479	0.10	13.5	0.66	262	0.50	0.03	13.6	610
A00059480	0.06	12.1	0.52	181	0.33	0.03	15.2	570
A00059481	0.13	16.4	0.32	1250	1.41	0.02	11.4	390
A00059482	0.05	11.1	0.37	390	1.49	0.02	17.6	350
A00059483	0.05	9.7	0.41	211	1.27	0.02	16.2	160
A00059484	0.08	9.9	0.65	369	1.27	0.02	22.3	130
A00059485	0.07	14.1	0.74	251	0.32	0.03	19.0	620
A00059486	0.06	12.6	0.62	289	0.44	0.03	16.2	810
A00059487	0.07	15.1	0.61	861	1.13	0.03	15.6	640
A00059488	0.07	12.3	0.71	253	0.62	0.03	17.7	540
A00059489	0.05	12.5	0.50	285	0.49	0.02	14.8	580
A00059490	0.06	11.7	0.56	288	0.58	0.02	15.7	540
A00059491	0.06	9.0	0.54	362	0.58	0.02	13.1	390
A00059492	0.06	10.6	0.51	367	0.63	0.02	13.6	530
A00059493	0.07	16.5	0.71	215	0.48	0.02	17.9	520
A00059494	0.11	14.1	0.78	630	1.26	0.03	23.9	550
A00059495	0.13	18.2	0.78	631	0.39	0.02	13.4	600
A00059496	0.07	8.6	0.76	364	1.22	0.03	24.0	280
A00059497	0.06	14.4	0.76	361	0.50	0.03	22.6	360
*Rep A00059262	0.09	7.1	0.28	309	1.18	0.02	11.2	310
*Rep A00059272	0.04	6.3	0.44	528	1.54	0.03	24.4	230
*Rep A00059469	0.12	49.2	0.57	300	1.15	0.02	20.1	430
*Rep A00059487	0.07	14.7	0.63	868	1.23	0.03	16.5	650

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Report File No.: 0000025233

Element	K	La	Mg	Mn	Mo	Na	Ni	P
Method	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
Det.Lim.	0.01	0.1	0.01	2	0.05	0.01	0.5	50
Units	%	ppm	%	ppm	ppm	%	ppm	ppm
*Std OREAS209	0.07	13.6	2.16	1400	2.14	0.18	115	1590
*Std OREAS151B	0.39	7.2	1.47	290	58.7	0.17	15.0	530
*Std OREAS902	0.24	13.3	2.10	478	12.6	0.01	166	690
*Blk BLANK	<0.01	<0.1	<0.01	<2	<0.05	<0.01	<0.5	<50
*Blk BLANK	<0.01	<0.1	<0.01	<2	<0.05	<0.01	<0.5	<50

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Report File No.: 0000025233

Element Method Det.Lim. Units	Pb	Rb	Sb	Sc	Sn	Sr	Th	Tl
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.2 ppm	0.2 ppm	0.05 ppm	0.1 ppm	0.3 ppm	0.5 ppm	0.1 ppm	0.01 %
A00059251	9.1	11.2	0.67	5.3	0.7	23.5	3.4	0.15
A00059252	11.1	17.3	0.88	6.8	1.2	19.1	6.1	0.16
A00059253	16.8	24.1	1.33	7.1	1.2	11.9	12.2	0.07
A00059254	14.2	15.5	0.91	6.4	1.1	43.0	9.3	0.11
A00059255	13.8	51.0	0.93	8.5	1.9	15.4	24.5	0.07
A00059256	8.3	14.2	0.63	6.2	0.8	21.5	5.2	0.16
A00059257	9.8	13.3	0.70	4.2	2.3	16.4	3.5	0.14
A00059258	7.7	12.3	0.40	4.3	0.7	21.1	3.2	0.11
A00059259	9.9	17.5	0.89	5.9	129	23.9	4.3	0.19
A00059260	12.1	13.1	0.86	5.7	2.5	25.8	5.7	0.09
A00059261	10.3	22.3	1.46	5.2	0.9	12.6	11.2	0.05
A00059262	8.1	16.3	0.49	3.3	0.6	15.8	3.5	0.07
A00059263	8.7	14.0	3.21	3.3	0.7	20.3	3.1	0.09
A00059264	10.5	15.0	7.56	5.6	0.7	44.3	5.4	0.13
A00059265	10.7	18.3	0.57	4.7	0.8	31.2	6.4	0.18
A00059266	7.5	18.0	0.46	6.9	0.6	57.2	5.4	0.17
A00059267	8.9	11.6	0.71	5.1	0.5	26.3	7.7	0.13
A00059268	17.9	14.4	0.61	4.6	0.8	18.4	5.2	0.10
A00059269	9.7	8.7	0.46	4.8	0.7	27.0	7.6	0.14
A00059270	9.3	7.6	0.55	4.9	0.7	26.5	2.6	0.13
A00059271	11.4	7.5	1.30	3.4	<0.3	16.4	8.2	0.08
A00059272	8.4	6.6	0.54	4.1	0.5	21.2	3.7	0.12
A00059273	12.3	12.4	0.69	5.3	0.8	21.3	5.1	0.14
A00059274	3.5	4.1	0.09	1.8	<0.3	9.5	1.0	0.06
A00059275	8.0	9.6	0.43	6.2	0.6	32.4	4.9	0.15
A00059276	7.2	9.0	0.34	3.6	0.6	16.8	4.4	0.11
A00059277	10.0	19.2	0.52	6.1	0.7	23.0	6.3	0.12
A00059278	8.7	9.1	0.38	3.1	0.8	14.2	3.1	0.11
A00059279	8.4	29.0	0.71	6.7	0.8	18.1	7.1	0.12
A00059451	4.8	16.1	0.35	5.4	0.5	39.2	4.5	0.17
A00059452	6.3	10.0	0.32	3.1	0.5	16.8	2.1	0.14
A00059453	9.6	14.4	0.57	6.0	0.7	43.3	3.7	0.16
A00059454	10.3	10.5	1.68	4.6	0.6	39.8	2.8	0.14
A00059455	6.9	11.9	0.40	4.3	0.6	32.2	2.3	0.15
A00059456	8.6	22.3	0.56	7.8	0.7	36.4	5.7	0.19
A00059457	6.9	11.8	0.36	4.8	0.8	29.0	3.6	0.17
A00059458	5.7	9.3	0.29	3.6	0.5	25.3	2.0	0.14
A00059459	7.2	8.6	0.38	4.1	0.7	22.5	3.4	0.14
A00059460	7.3	18.1	0.48	5.4	0.6	25.0	5.4	0.14
A00059461	10.1	71.4	1.86	13.0	1.6	31.0	33.1	0.18

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Report File No.: 0000025233

Element Method Det.Lim. Units	Pb	Rb	Sb	Sc	Sn	Sr	Th	Ti
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.2 ppm	0.2 ppm	0.05 ppm	0.1 ppm	0.3 ppm	0.5 ppm	0.1 ppm	0.01 %
A00059462	7.1	18.6	0.61	6.6	0.8	22.3	12.9	0.17
A00059463	8.7	20.3	0.91	6.4	0.9	13.2	8.5	0.13
A00059464	11.1	61.4	1.92	20.0	1.8	35.1	43.2	0.20
A00059465	10.2	14.0	0.78	4.6	1.0	17.7	5.3	0.14
A00059466	10.6	35.7	1.64	8.9	1.0	16.9	13.5	0.13
A00059467	9.7	13.8	1.06	7.5	0.9	26.5	8.4	0.14
A00059468	15.1	13.7	2.09	3.5	0.4	15.3	35.9	0.05
A00059469	10.3	14.3	0.44	6.9	0.7	32.8	11.7	0.12
A00059470	9.1	11.8	0.67	5.3	0.8	21.7	5.8	0.15
A00059471	11.0	23.1	0.91	5.9	0.8	17.3	5.9	0.09
A00059472	7.7	16.5	0.28	4.6	0.6	29.1	3.0	0.15
A00059473	7.9	17.2	0.25	4.3	0.6	25.4	2.9	0.15
A00059474	9.1	19.1	0.19	4.7	0.5	26.5	3.5	0.17
A00059475	8.2	14.0	0.18	4.1	0.4	22.7	2.5	0.13
A00059476	8.9	16.7	0.21	4.8	0.4	24.7	3.7	0.15
A00059477	9.4	16.6	0.26	4.9	0.5	25.1	3.8	0.15
A00059478	8.1	16.2	0.26	4.4	0.5	22.7	3.2	0.15
A00059479	7.5	16.3	0.23	4.3	0.8	22.1	3.6	0.15
A00059480	6.8	13.4	0.39	4.6	0.5	28.5	2.3	0.14
A00059481	14.5	25.7	0.44	5.1	1.0	11.1	9.0	0.08
A00059482	11.3	10.1	0.51	5.5	0.8	15.2	5.0	0.11
A00059483	10.6	11.0	0.33	4.8	0.7	17.0	3.3	0.12
A00059484	10.0	12.9	0.32	4.7	0.8	16.8	6.1	0.12
A00059485	9.6	11.7	0.47	6.4	0.5	34.9	4.7	0.17
A00059486	8.1	12.2	0.38	5.5	0.5	35.5	2.9	0.14
A00059487	7.6	14.9	0.42	5.2	0.4	34.3	3.7	0.14
A00059488	8.9	16.1	0.38	5.5	0.5	30.5	3.3	0.15
A00059489	7.9	12.4	0.54	5.2	0.7	28.4	3.8	0.12
A00059490	8.1	13.7	0.60	5.3	0.6	25.9	3.8	0.14
A00059491	7.5	9.6	0.39	4.0	0.4	22.8	3.0	0.14
A00059492	8.0	10.6	0.49	3.9	0.4	26.9	2.2	0.12
A00059493	10.3	11.3	0.76	5.9	0.5	29.9	3.6	0.14
A00059494	10.4	16.6	2.30	6.9	0.8	28.3	6.1	0.17
A00059495	10.4	19.2	2.81	5.3	0.5	36.4	7.6	0.06
A00059496	9.9	12.2	1.53	6.5	0.7	26.2	5.4	0.19
A00059497	8.3	9.3	0.60	6.7	0.5	34.1	4.3	0.17
*Rep A00059262	7.9	16.5	0.52	3.2	0.6	15.7	3.7	0.07
*Rep A00059272	8.4	6.7	0.51	4.1	0.5	21.2	3.7	0.12
*Rep A00059469	10.4	14.4	0.45	6.9	0.7	32.7	11.3	0.12
*Rep A00059487	7.6	15.1	0.42	5.2	0.5	34.5	3.6	0.14

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Element Method Det.Lim. Units	Pb GE_IMS14B 0.2 ppm	Rb GE_IMS14B 0.2 ppm	Sb GE_IMS14B 0.05 ppm	Sc GE_IMS14B 0.1 ppm	Sn GE_IMS14B 0.3 ppm	Sr GE_IMS14B 0.5 ppm	Th GE_IMS14B 0.1 ppm	Ti GE_IMS14B 0.01 %
*Std OREAS209	3.2	4.1	1.30	3.8	0.9	63.1	2.1	0.14
*Std OREAS151B	41.3	20.8	0.62	9.3	1.1	40.0	2.8	0.08
*Std OREAS902	10.2	9.0	0.85	2.6	<0.3	21.6	5.4	<0.01
*Blk BLANK	<0.2	<0.2	<0.05	<0.1	<0.3	<0.5	<0.1	<0.01
*Blk BLANK	<0.2	<0.2	<0.05	<0.1	<0.3	<0.5	<0.1	<0.01

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Element Method Det.Lim. Units	Tl	U	V	W	Y	Zn
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.02 ppm	0.05 ppm	1 ppm	0.1 ppm	0.05 ppm	1 ppm
A00059251	0.12	0.69	96	0.2	3.99	60
A00059252	0.16	0.71	109	0.2	5.58	84
A00059253	0.23	1.22	89	0.3	7.20	70
A00059254	0.15	1.46	74	0.2	14.5	52
A00059255	0.37	2.28	75	0.2	11.9	86
A00059256	0.15	1.07	90	0.2	5.57	56
A00059257	0.13	0.48	98	0.2	3.07	61
A00059258	0.11	0.66	67	0.2	6.38	41
A00059259	0.15	0.71	109	0.2	4.37	63
A00059260	0.15	1.16	86	0.2	6.17	54
A00059261	0.18	1.56	64	0.2	5.14	63
A00059262	0.10	0.73	52	0.2	3.13	35
A00059263	0.11	0.85	53	0.2	2.75	39
A00059264	0.13	2.07	74	0.2	9.03	67
A00059265	0.14	0.58	75	0.2	4.30	61
A00059266	0.19	1.50	83	0.3	10.9	60
A00059267	0.11	0.83	73	0.1	6.19	59
A00059268	0.13	0.52	94	0.2	3.28	63
A00059269	0.09	0.75	84	0.2	4.85	55
A00059270	0.12	0.53	88	0.2	4.05	48
A00059271	0.08	0.92	46	0.2	4.13	36
A00059272	0.08	0.49	72	0.2	3.50	59
A00059273	0.12	0.80	92	0.2	4.51	63
A00059274	0.04	0.49	26	<0.1	3.02	17
A00059275	0.11	1.16	81	0.2	5.49	54
A00059276	0.09	0.67	66	0.1	4.16	42
A00059277	0.18	0.75	89	0.2	4.53	63
A00059278	0.10	0.56	67	0.2	2.79	31
A00059279	0.26	1.08	86	0.1	6.49	62
A00059451	0.16	1.64	86	0.2	10.3	56
A00059452	0.10	0.39	67	0.2	3.19	48
A00059453	0.17	2.71	89	0.2	10.7	67
A00059454	0.13	1.87	82	0.2	7.56	64
A00059455	0.16	1.45	73	0.3	6.06	55
A00059456	0.20	2.69	85	0.4	14.0	69
A00059457	0.16	1.07	77	0.2	6.38	58
A00059458	0.12	0.78	60	0.1	4.21	51
A00059459	0.14	0.72	63	0.1	4.56	53
A00059460	0.20	0.99	72	0.4	6.74	64
A00059461	0.57	1.93	125	0.1	19.7	106

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Element Method Det.Lim. Units	Tl GE_IMS14B 0.02 ppm	U GE_IMS14B 0.05 ppm	V GE_IMS14B 1 ppm	W GE_IMS14B 0.1 ppm	Y GE_IMS14B 0.05 ppm	Zn GE_IMS14B 1 ppm
A00059462	0.22	1.04	93	0.2	7.61	60
A00059463	0.18	0.73	102	0.3	5.21	55
A00059464	0.51	2.69	143	0.3	37.3	106
A00059465	0.16	0.48	111	0.3	3.24	65
A00059466	0.29	1.68	97	0.3	8.07	85
A00059467	0.21	2.99	93	0.2	13.3	59
A00059468	0.11	1.48	42	0.2	9.72	57
A00059469	0.13	1.23	78	0.2	13.6	52
A00059470	0.15	0.52	99	0.2	4.34	84
A00059471	0.17	0.80	77	0.2	4.31	66
A00059472	0.17	3.28	74	0.2	6.31	64
A00059473	0.17	2.24	74	0.2	5.58	62
A00059474	0.18	2.65	80	0.2	5.99	67
A00059475	0.16	4.13	64	0.1	5.47	52
A00059476	0.18	2.89	70	0.8	6.17	63
A00059477	0.18	2.34	76	0.2	6.89	64
A00059478	0.16	1.86	74	0.2	5.70	63
A00059479	0.18	1.57	64	0.1	6.07	58
A00059480	0.13	1.41	72	0.1	7.05	53
A00059481	0.18	1.75	67	0.2	5.48	57
A00059482	0.12	1.01	89	0.2	4.88	44
A00059483	0.13	0.92	83	0.1	4.09	41
A00059484	0.12	0.68	75	0.1	3.48	51
A00059485	0.22	4.49	79	0.2	7.89	62
A00059486	0.17	3.80	68	0.2	8.63	52
A00059487	0.16	2.72	80	0.4	7.06	64
A00059488	0.16	2.49	74	0.2	6.33	64
A00059489	0.15	2.24	73	0.3	6.77	54
A00059490	0.16	1.84	74	0.2	6.41	59
A00059491	0.13	1.22	62	0.2	4.85	51
A00059492	0.12	1.53	60	0.2	6.14	51
A00059493	0.15	2.18	74	0.2	9.13	58
A00059494	0.17	1.12	88	0.3	7.36	73
A00059495	0.23	1.21	60	0.1	8.16	54
A00059496	0.13	0.70	98	0.4	4.37	58
A00059497	0.12	1.25	79	0.2	11.1	55
*Rep A00059262	0.11	0.74	51	0.2	3.16	34
*Rep A00059272	0.09	0.49	70	0.2	3.63	59
*Rep A00059469	0.14	1.27	76	0.2	13.2	52
*Rep A00059487	0.16	2.79	82	0.2	7.23	64

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Report File No.: 0000025233

Element	Tl	U	V	W	Y	Zn
Method	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
Det.Lim.	0.02	0.05	1	0.1	0.05	1
Units	ppm	ppm	ppm	ppm	ppm	ppm
*Std OREAS209	0.04	0.48	42	0.4	13.7	77
*Std OREAS151B	0.14	0.66	148	0.7	11.2	244
*Std OREAS902	0.24	2.36	8	2.4	7.59	6
*Blk BLANK	<0.02	<0.05	<1	<0.1	<0.05	<1
*Blk BLANK	<0.02	<0.05	<1	<0.1	<0.05	<1

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Certificate of Analysis
Work Order : VC173095
[Report File No.: 000025235]

Date: October 12, 2017
 To: **KENDRA JOHNSTON**
 INVOICE PAYMENT APPROVER
INDEPENDENCE GOLD CORP.
 1020-625 HOWE STREET
 VANCOUVER BC V6C 2T6

P.O. No.: BLVD-90503-05 / YK17_MHR_SS1
 Project No.: YK17_MHR_SS1
 Samples: 97
 Received: Sep 12, 2017
 Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
97	G_LOG02	Pre-preparation processing, sorting, logging, boxing
97	G_WGH79	Weighing of samples and reporting of weights
97	GE_FAA313	@Au, FAS, AAS, 30g-5ml(Final Mode)
97	GE_IMS14B	Aqua Regia digestion/ICP-MS package

Storage: Pulp & Reject

REJECT STORAGE : DISPOSE AFTER 30 DAYS
 PULP STORAGE : DISPOSE AFTER 90 DAYS

Certified By :



John Chiang
 QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Report File No.: 0000025235

Element Method Det.Lim. Units	WtKg G_WGH79 0.01 kg	@Au GE_FAA313 5 ppb	Ag GE_IMS14B 0.01 ppm	Al GE_IMS14B 0.01 %	As GE_IMS14B 1 ppm	Ba GE_IMS14B 5 ppm	Bi GE_IMS14B 0.02 ppm	Ca GE_IMS14B 0.01 %
A00059498	0.645	<5	0.04	2.31	8	293	0.21	0.39
A00059499	0.570	<5	0.02	3.19	8	252	0.13	0.19
A00059500	0.565	<5	0.02	3.34	8	253	0.14	0.21
A00059441	0.850	7	0.05	1.71	6	161	0.09	0.63
A00059442	0.510	14	0.05	2.03	7	193	0.11	0.58
A00059443	0.530	6	0.04	2.46	8	185	0.14	0.45
A00059444	0.655	8	0.08	2.28	6	209	0.11	0.71
A00059445	0.395	<5	0.04	2.27	5	146	0.12	0.36
A00059446	0.320	<5	0.03	2.62	8	113	0.17	0.30
A00059447	0.375	6	0.04	1.55	4	93	0.11	0.17
A00059448	0.585	14	0.02	2.37	41	176	0.09	0.45
A00059449	0.395	6	0.05	1.84	4	105	0.10	0.29
A00059450	0.530	6	0.03	2.37	7	139	0.07	0.54
A00059151	0.855	<5	0.07	2.41	9	299	0.13	0.43
A00059152	0.990	<5	0.03	2.62	7	234	0.14	0.46
A00059153	1.025	7	0.06	2.49	9	326	0.13	0.49
A00059154	0.785	9	0.08	2.65	20	311	0.15	0.54
A00059155	0.780	5	0.05	2.35	5	295	0.12	0.55
A00059156	0.960	6	0.07	2.48	11	377	0.14	0.50
A00059157	0.955	7	0.05	2.29	9	295	0.13	0.47
A00059158	0.865	10	0.04	2.47	27	249	0.13	0.52
A00059159	0.925	7	0.10	2.52	24	328	0.13	0.52
A00059160	0.895	6	0.04	2.19	15	250	0.13	0.57
A00059161	0.810	<5	0.10	2.30	9	362	0.12	0.63
A00059162	0.885	7	0.07	2.33	10	277	0.13	0.43
A00059163	0.800	<5	0.13	2.26	7	385	0.12	0.43
A00059164	0.990	7	0.10	2.33	13	329	0.14	0.53
A00059165	0.910	<5	0.06	2.10	18	267	0.11	0.52
A00059166	0.990	7	0.08	2.35	11	329	0.13	0.54
A00059167	1.140	5	0.03	2.15	12	244	0.17	0.47
A00059168	0.915	8	0.10	2.28	20	290	0.15	0.40
A00059169	0.860	9	0.06	2.42	24	317	0.14	0.51
A00059170	0.915	<5	0.03	2.60	25	244	0.11	0.46
A00059171	0.995	6	0.04	2.18	23	253	0.10	0.48
A00059172	0.810	5	0.03	2.33	32	291	0.08	0.50
A00059173	0.465	12	0.06	2.47	41	313	0.12	0.49
A00059174	0.805	<5	0.04	2.33	19	308	0.09	0.43
A00059175	0.785	<5	0.02	2.30	21	211	0.09	0.43
A00059176	0.710	6	0.03	2.41	9	236	0.09	0.47
A00059177	0.625	<5	0.04	2.63	16	184	0.15	0.30

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Element Method Det.Lim. Units	WtKg G_WGH79 0.01 kg	@Au GE_FAA313 5 ppb	Ag GE_IMS14B 0.01 ppm	Al GE_IMS14B 0.01 %	As GE_IMS14B 1 ppm	Ba GE_IMS14B 5 ppm	Bi GE_IMS14B 0.02 ppm	Ca GE_IMS14B 0.01 %
A00059178	0.965	<5	0.02	2.38	19	283	0.11	0.53
A00059179	0.705	10	0.03	2.22	22	171	0.12	0.44
A00059180	0.735	5	0.04	2.46	12	254	0.14	0.42
A00059181	0.640	10	0.04	2.36	13	200	0.14	0.36
A00059182	0.820	<5	0.03	1.95	33	188	0.12	0.23
A00059183	0.735	<5	0.02	2.78	13	193	0.15	0.29
A00059184	1.025	6	0.04	2.28	26	248	0.13	0.47
A00059185	0.695	<5	0.08	2.13	26	261	0.13	0.44
A00059186	0.770	<5	0.07	2.32	13	233	0.16	0.38
A00059187	0.755	7	0.07	2.32	23	237	0.14	0.40
A00059188	0.785	<5	0.07	2.46	9	328	0.17	0.51
A00059189	0.970	<5	0.06	2.31	8	336	0.12	0.53
A00059190	0.635	<5	0.10	1.78	11	335	0.13	0.45
A00059191	0.935	5	0.05	1.78	8	311	0.10	0.40
A00059192	0.940	8	0.07	1.80	12	304	0.13	0.48
A00059193	0.695	6	0.08	1.56	8	275	0.11	0.34
A00059194	0.920	7	0.07	1.86	10	305	0.13	0.45
A00059195	0.800	<5	0.10	1.77	10	231	0.15	0.34
A00059196	0.935	<5	0.06	2.12	6	244	0.11	0.49
A00059197	0.640	<5	0.09	2.01	6	163	0.13	0.31
A00059198	0.795	5	0.03	2.47	8	241	0.12	0.43
A00059199	0.715	8	0.05	2.73	9	203	0.14	0.32
A00059200	1.000	<5	0.06	2.26	7	191	0.14	0.38
A00059201	0.980	5	0.03	2.27	9	299	0.19	0.44
A00059202	0.895	<5	0.04	3.17	7	217	0.20	0.45
A00059203	0.890	<5	0.06	2.79	8	209	0.12	0.38
A00059204	0.830	6	0.05	2.92	11	325	0.15	0.47
A00059205	0.895	<5	0.04	3.00	7	193	0.11	0.40
A00059206	0.890	11	0.23	3.00	24	267	0.14	0.52
A00059207	0.785	<5	0.03	3.04	21	172	0.11	0.35
A00059208	0.760	<5	0.04	3.30	45	190	0.14	0.26
A00059209	0.550	<5	0.06	2.08	5	203	0.14	0.30
A00059210	0.600	<5	0.03	3.37	11	218	0.17	0.19
A00059211	0.690	<5	0.13	2.82	10	282	0.21	0.19
A00059212	0.650	6	0.03	3.42	9	225	0.11	0.15
A00059213	0.805	7	0.08	1.90	22	382	0.13	0.52
A00059214	0.725	<5	<0.01	2.25	13	276	0.11	0.20
A00059215	0.720	15	0.07	2.67	27	328	0.13	0.34
A00059216	0.565	20	0.11	1.43	59	150	0.09	0.19
A00059217	0.760	9	0.08	2.43	22	257	0.13	0.46

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Report File No.: 0000025235

Element Method Det.Lim. Units	WtKg G_WGH79 0.01 kg	@Au GE_FAA313 5 ppb	Ag GE_IMS14B 0.01 ppm	Al GE_IMS14B 0.01 %	As GE_IMS14B 1 ppm	Ba GE_IMS14B 5 ppm	Bi GE_IMS14B 0.02 ppm	Ca GE_IMS14B 0.01 %
A00059218	0.675	5	0.10	2.77	8	199	0.16	0.29
A00059219	0.840	<5	0.03	2.60	6	177	0.11	0.44
A00059220	0.710	<5	0.05	2.94	8	209	0.14	0.41
A00059221	0.720	11	0.04	2.90	10	235	0.12	0.41
A00059222	0.690	<5	0.04	3.13	9	188	0.14	0.31
A00059223	0.540	<5	0.05	3.25	11	172	0.14	0.28
A00059224	0.660	<5	0.07	2.35	8	180	0.14	0.31
A00059225	0.725	7	0.05	2.90	9	205	0.17	0.33
A00059226	0.735	7	0.06	2.90	8	421	0.14	0.42
A00059227	0.745	7	0.06	2.76	12	286	0.19	0.36
A00059228	0.675	20	0.04	2.77	89	108	0.22	0.44
A00059145	0.960	5	0.09	2.40	8	282	0.15	0.37
A00059146	0.735	6	0.09	2.65	7	349	0.17	0.44
A00059147	0.705	<5	0.07	2.47	7	344	0.15	0.50
A00059148	0.900	7	0.06	2.15	15	324	0.12	0.52
A00059149	0.615	5	0.10	2.47	7	357	0.14	0.55
A00059150	0.775	5	0.04	2.70	12	281	0.15	0.44
*Rep A00059446		<5						
*Rep A00059187		<5						
*Rep A00059202		<5						
*Rep A00059215		16						
*Std OREAS151B		65						
*Std OXN117		7650						
*Std OREAS251		512						
*Std OREAS151B		66						
*Blk BLANK		<5						
*Blk BLANK		<5						
*Blk BLANK		<5						
*Rep A00059443			0.03	2.33	8	179	0.13	0.43
*Rep A00059155			0.04	2.28	5	293	0.12	0.54
*Rep A00059188			0.07	2.35	9	322	0.17	0.48
*Rep A00059194			0.07	1.74	10	294	0.12	0.42
*Rep A00059218			0.09	2.71	8	198	0.16	0.29
*Rep A00059226			0.06	2.81	8	417	0.13	0.40
*Std OREAS209			0.27	1.08	1110	68	0.06	1.34
*Std OREAS151B			0.57	2.69	33	69	0.40	1.36
*Std OREAS902			0.31	0.52	615	14	8.70	4.09
*Blk BLANK			<0.01	<0.01	<1	<5	<0.02	<0.01
*Blk BLANK			<0.01	<0.01	<1	<5	<0.02	<0.01

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Element Method Det.Lim. Units	Cd GE_IMS14B ppm	Ce GE_IMS14B ppm	Co GE_IMS14B ppm	Cr GE_IMS14B ppm	Cu GE_IMS14B ppm	Fe GE_IMS14B %	Ga GE_IMS14B ppm	Hg GE_IMS14B ppm
A00059498	0.11	39.7	13.2	32	18.5	5.13	9.4	0.04
A00059499	0.12	29.2	12.2	32	20.8	3.84	9.7	<0.01
A00059500	0.12	20.6	13.4	36	26.6	4.54	9.0	0.06
A00059441	0.23	32.9	10.4	35	30.4	3.29	5.6	0.06
A00059442	0.06	33.6	10.2	33	26.1	3.52	6.7	0.25
A00059443	0.10	20.3	10.7	38	24.3	2.67	7.9	0.05
A00059444	0.19	37.1	13.5	47	34.9	3.90	7.2	0.05
A00059445	0.15	18.5	13.5	32	21.6	3.30	7.3	<0.01
A00059446	0.16	16.0	9.7	41	20.6	4.22	9.9	<0.01
A00059447	0.29	12.8	5.8	24	17.3	2.55	6.5	<0.01
A00059448	0.10	29.8	10.8	35	26.5	3.17	6.2	0.02
A00059449	0.14	16.1	9.1	24	19.5	2.66	5.8	0.10
A00059450	0.09	21.8	11.2	36	25.0	3.35	6.4	0.06
A00059151	0.09	36.1	11.0	27	19.0	3.87	7.9	0.04
A00059152	0.10	31.2	11.3	32	18.5	4.00	8.7	<0.01
A00059153	0.11	36.4	11.3	33	20.7	3.67	7.7	0.05
A00059154	0.12	30.0	12.1	34	20.6	3.85	8.3	0.04
A00059155	0.10	46.0	12.7	29	18.0	3.67	7.9	0.06
A00059156	0.14	40.2	11.5	31	20.6	3.72	7.5	<0.01
A00059157	0.11	42.9	12.2	31	19.3	3.79	6.9	0.03
A00059158	0.10	37.8	13.5	32	19.0	4.21	8.4	0.06
A00059159	0.09	39.6	12.1	33	25.3	3.84	8.0	0.03
A00059160	0.11	34.3	13.2	30	18.1	3.93	7.4	<0.01
A00059161	0.10	50.5	11.5	28	20.5	3.41	6.6	0.02
A00059162	0.10	29.4	9.4	29	17.3	3.30	7.3	0.04
A00059163	0.16	44.4	10.6	26	19.0	3.02	6.6	0.02
A00059164	0.12	42.8	12.6	30	21.1	3.66	7.1	<0.01
A00059165	0.14	31.4	11.2	28	15.9	3.49	6.8	<0.01
A00059166	0.12	42.2	13.5	29	18.7	3.93	7.3	<0.01
A00059167	0.10	36.7	10.3	28	14.2	3.34	7.2	0.01
A00059168	0.07	44.1	9.2	28	19.7	3.10	7.3	<0.01
A00059169	0.06	40.3	12.1	30	24.5	3.45	7.3	0.01
A00059170	0.04	24.8	10.8	31	17.7	3.46	7.4	<0.01
A00059171	0.06	31.6	9.6	30	19.3	3.31	6.6	<0.01
A00059172	0.12	41.2	10.5	25	14.4	3.64	7.3	<0.01
A00059173	0.11	33.3	10.1	26	16.9	3.43	7.6	0.03
A00059174	0.13	40.7	11.0	25	18.8	4.10	7.3	<0.01
A00059175	0.09	26.6	9.6	31	18.2	3.24	6.5	<0.01
A00059176	0.06	39.9	10.5	31	18.9	3.46	7.1	<0.01
A00059177	0.09	25.2	10.5	27	14.2	3.65	8.5	<0.01

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Report File No.: 0000025235

Element Method Det.Lim. Units	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.01 ppm	0.05 ppm	0.1 ppm	1 ppm	0.5 ppm	0.01 %	0.1 ppm	0.01 ppm
A00059178	0.08	48.3	11.7	33	21.1	3.62	7.0	<0.01
A00059179	0.10	51.7	11.1	27	19.6	3.63	7.5	<0.01
A00059180	0.09	34.6	12.0	33	25.1	3.70	6.7	<0.01
A00059181	0.08	60.5	12.1	25	18.7	4.40	9.1	<0.01
A00059182	0.09	45.6	14.0	20	16.0	5.00	7.4	<0.01
A00059183	0.09	26.4	11.1	35	18.0	4.73	10.9	<0.01
A00059184	0.10	44.0	10.8	28	17.7	3.52	7.3	<0.01
A00059185	0.07	34.6	7.5	22	14.0	2.75	6.8	<0.01
A00059186	0.11	31.5	9.8	28	16.5	3.04	7.5	0.03
A00059187	0.12	38.0	10.9	24	14.9	3.18	7.3	0.05
A00059188	0.14	46.1	11.6	31	20.5	3.80	7.5	0.04
A00059189	0.12	43.3	12.4	30	16.4	3.66	7.4	0.04
A00059190	0.16	40.3	14.1	21	15.4	3.44	6.4	0.03
A00059191	0.14	43.4	11.6	22	14.0	3.27	5.8	<0.01
A00059192	0.14	49.1	12.1	22	16.0	3.37	6.2	0.03
A00059193	0.14	35.5	10.4	19	13.2	2.75	5.4	0.04
A00059194	0.10	40.6	13.2	23	14.7	3.48	6.8	0.01
A00059195	0.09	27.8	10.5	23	15.4	2.73	6.0	0.01
A00059196	0.08	26.3	9.0	33	28.3	2.98	6.2	<0.01
A00059197	0.13	15.0	7.9	28	21.2	2.78	7.1	0.06
A00059198	0.09	26.6	10.8	34	27.7	3.30	7.0	0.01
A00059199	0.11	22.7	12.6	35	26.2	3.54	7.5	0.01
A00059200	0.13	43.8	9.2	26	21.5	2.87	7.2	<0.01
A00059201	0.06	39.6	10.4	30	21.4	3.33	6.7	<0.01
A00059202	0.09	31.7	12.2	31	24.4	3.54	8.8	<0.01
A00059203	0.11	31.5	11.6	35	25.9	3.39	7.6	0.02
A00059204	0.07	37.6	11.7	37	30.0	3.63	8.1	0.01
A00059205	0.08	20.8	13.4	29	21.5	3.42	7.9	<0.01
A00059206	0.24	53.4	13.8	36	45.2	3.59	8.0	0.15
A00059207	0.15	16.3	14.0	34	22.9	3.52	6.9	<0.01
A00059208	0.08	17.6	13.0	33	22.5	4.68	10.6	<0.01
A00059209	0.04	24.1	8.8	21	19.0	3.00	6.7	<0.01
A00059210	0.12	30.6	14.9	35	28.7	3.92	8.6	0.04
A00059211	0.11	18.5	15.1	35	21.4	3.76	7.7	<0.01
A00059212	0.10	32.0	15.4	29	23.0	5.03	8.1	<0.01
A00059213	0.15	31.9	13.8	23	20.7	3.11	5.7	0.03
A00059214	0.07	49.3	14.0	17	17.0	4.41	5.4	<0.01
A00059215	0.07	46.1	13.1	45	22.5	3.57	7.5	0.03
A00059216	0.03	20.4	6.3	21	15.1	1.73	4.7	0.02
A00059217	0.05	30.2	10.6	37	32.8	3.38	7.1	0.01

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Element Method Det.Lim. Units	Cd GE_IMS14B 0.01 ppm	Ce GE_IMS14B 0.05 ppm	Co GE_IMS14B 0.1 ppm	Cr GE_IMS14B 1 ppm	Cu GE_IMS14B 0.5 ppm	Fe GE_IMS14B 0.01 %	Ga GE_IMS14B 0.1 ppm	Hg GE_IMS14B 0.01 ppm
A00059218	0.09	30.1	9.9	30	20.9	3.36	8.3	0.02
A00059219	0.06	31.8	12.4	25	20.1	3.45	8.0	<0.01
A00059220	0.05	29.0	11.6	35	22.4	3.67	8.0	<0.01
A00059221	0.06	30.1	13.5	31	21.9	3.83	8.2	<0.01
A00059222	0.10	23.1	12.3	31	23.0	3.75	9.6	0.01
A00059223	0.12	17.9	13.0	35	21.5	3.96	8.6	<0.01
A00059224	0.08	25.0	9.8	26	16.6	2.95	9.0	<0.01
A00059225	0.09	26.1	13.6	29	19.3	3.73	9.6	<0.01
A00059226	0.05	26.6	12.5	34	25.6	3.55	7.7	0.01
A00059227	0.09	25.8	12.1	31	20.3	3.78	8.6	<0.01
A00059228	0.12	43.1	12.5	21	12.7	4.99	11.6	<0.01
A00059145	0.08	31.1	13.5	29	23.8	3.77	7.1	0.02
A00059146	0.12	45.0	12.7	35	30.4	3.64	7.7	0.03
A00059147	0.10	37.2	13.9	34	27.2	3.80	7.7	0.03
A00059148	0.13	39.7	11.3	27	20.3	3.44	7.0	<0.01
A00059149	0.16	38.9	10.8	28	24.0	3.12	7.5	0.02
A00059150	0.12	30.4	11.5	30	20.2	3.75	9.1	<0.01
*Rep A00059443	0.09	19.2	10.2	35	23.0	2.63	7.4	0.04
*Rep A00059155	0.08	47.6	12.0	28	17.6	3.69	7.7	0.05
*Rep A00059188	0.14	44.4	11.4	29	20.2	3.42	7.0	0.02
*Rep A00059194	0.09	39.4	12.7	21	14.4	3.30	6.5	<0.01
*Rep A00059218	0.10	29.2	10.0	31	20.2	3.38	8.3	<0.01
*Rep A00059226	0.05	26.4	11.9	33	24.6	3.44	7.3	<0.01
*Std OREAS209	0.07	27.3	28.5	40	72.0	6.06	3.4	<0.01
*Std OREAS151B	0.61	17.1	11.6	27	1810	3.39	7.5	<0.01
*Std OREAS902	0.03	29.7	996	21	2970	3.06	1.4	0.05
*Blk BLANK	<0.01	<0.05	<0.1	<1	<0.5	<0.01	<0.1	0.01
*Blk BLANK	<0.01	<0.05	<0.1	<1	<0.5	<0.01	<0.1	<0.01

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Report File No.: 0000025235

Element Method Det.Lim. Units	K	La	Mg	Mn	Mo	Na	Ni	P
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.01 %	0.1 ppm	0.01 %	2 ppm	0.05 ppm	0.01 %	0.5 ppm	50 ppm
A00059498	0.17	17.2	0.80	888	1.90	0.01	22.2	870
A00059499	0.10	13.6	0.71	426	1.13	<0.01	22.3	330
A00059500	0.10	9.4	0.85	386	0.94	0.01	27.5	260
A00059441	0.10	15.6	0.77	436	0.51	0.03	26.0	860
A00059442	0.08	18.3	0.66	539	0.81	0.02	23.3	870
A00059443	0.06	10.1	0.73	231	0.52	0.02	26.4	680
A00059444	0.20	18.0	0.87	564	0.53	0.03	29.9	780
A00059445	0.09	8.0	0.56	812	1.08	0.02	19.4	410
A00059446	0.07	7.1	0.76	354	1.27	<0.01	25.9	270
A00059447	0.05	5.9	0.36	256	1.07	<0.01	12.8	320
A00059448	0.09	12.3	0.65	497	0.56	0.02	23.9	700
A00059449	0.07	7.2	0.51	419	0.70	0.02	17.9	570
A00059450	0.08	9.4	0.74	526	0.52	0.02	27.3	810
A00059151	0.13	18.4	0.77	746	0.90	0.01	16.1	560
A00059152	0.12	15.7	0.82	580	0.90	0.01	17.2	430
A00059153	0.10	18.1	0.80	639	0.80	0.02	18.1	600
A00059154	0.09	14.8	0.79	751	1.00	0.01	18.3	620
A00059155	0.14	22.7	0.89	619	0.73	0.02	16.2	780
A00059156	0.10	21.2	0.75	649	0.90	0.02	18.6	490
A00059157	0.13	21.4	0.80	562	0.68	0.01	19.0	600
A00059158	0.15	18.3	0.93	814	0.86	0.01	18.8	560
A00059159	0.09	19.5	0.77	866	0.95	0.01	19.1	590
A00059160	0.13	16.6	0.82	1010	1.00	0.02	17.0	650
A00059161	0.09	27.9	0.69	758	0.61	0.02	18.4	740
A00059162	0.07	15.7	0.63	472	0.67	0.02	16.4	490
A00059163	0.07	23.1	0.56	904	0.68	0.02	15.7	570
A00059164	0.09	21.8	0.66	1210	0.81	0.02	16.6	670
A00059165	0.10	15.2	0.71	757	0.83	0.02	16.1	600
A00059166	0.14	21.7	0.77	841	0.68	0.02	18.3	760
A00059167	0.08	18.8	0.76	555	0.66	0.01	17.3	490
A00059168	0.09	22.4	0.69	368	0.65	0.01	16.8	660
A00059169	0.11	18.5	0.80	525	0.63	0.02	19.5	670
A00059170	0.06	12.3	0.76	396	0.60	0.01	18.4	430
A00059171	0.10	15.8	0.70	394	0.51	0.02	16.2	610
A00059172	0.22	20.4	0.75	675	0.67	0.02	13.5	720
A00059173	0.12	16.3	0.73	450	0.74	0.02	14.3	710
A00059174	0.26	20.2	0.82	806	0.99	0.02	14.1	740
A00059175	0.13	13.6	0.69	434	0.69	0.02	17.1	390
A00059176	0.14	20.2	0.83	555	0.51	0.02	18.1	540
A00059177	0.12	12.1	0.72	480	0.80	0.01	14.2	500

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Element Method Det.Lim. Units	K GE_IMS14B 0.01 %	La GE_IMS14B 0.1 ppm	Mg GE_IMS14B 0.01 %	Mn GE_IMS14B 2 ppm	Mo GE_IMS14B 0.05 ppm	Na GE_IMS14B 0.01 %	Ni GE_IMS14B 0.5 ppm	P GE_IMS14B 50 ppm
A00059178	0.11	23.8	0.80	529	0.78	0.02	19.3	610
A00059179	0.18	26.9	0.72	830	0.76	0.02	15.9	700
A00059180	0.10	18.3	0.78	597	0.84	0.02	23.2	540
A00059181	0.19	29.1	0.85	756	1.14	0.01	16.5	950
A00059182	0.20	22.2	0.49	788	2.45	<0.01	10.2	700
A00059183	0.08	12.9	0.82	540	1.47	<0.01	22.6	280
A00059184	0.12	21.8	0.77	579	0.64	0.02	17.1	510
A00059185	0.09	17.4	0.61	324	0.59	0.01	12.9	480
A00059186	0.08	15.5	0.68	661	0.84	0.01	16.4	500
A00059187	0.10	19.5	0.66	719	0.71	0.02	14.0	590
A00059188	0.12	23.2	0.80	914	0.71	0.02	18.4	760
A00059189	0.13	22.1	0.81	873	0.74	0.02	18.0	770
A00059190	0.09	20.4	0.51	1080	1.09	0.02	13.3	680
A00059191	0.12	21.8	0.57	544	0.71	0.02	13.5	600
A00059192	0.11	25.4	0.60	816	0.74	0.02	14.1	640
A00059193	0.07	18.6	0.43	836	0.74	0.02	11.7	490
A00059194	0.09	21.8	0.60	1320	1.01	0.02	13.9	640
A00059195	0.06	14.9	0.51	952	0.88	0.02	14.3	530
A00059196	0.06	14.4	0.69	373	0.54	0.03	22.6	590
A00059197	0.05	8.0	0.56	313	0.93	0.02	17.1	350
A00059198	0.07	13.9	0.73	446	0.69	0.03	23.3	550
A00059199	0.07	10.8	0.68	462	0.95	0.03	26.2	390
A00059200	0.09	24.3	0.64	503	0.66	0.02	18.6	590
A00059201	0.13	21.0	0.77	546	0.72	0.03	21.3	420
A00059202	0.07	16.2	0.72	643	0.85	0.02	22.0	430
A00059203	0.06	16.5	0.74	438	0.78	0.03	22.5	390
A00059204	0.07	20.4	0.82	555	0.67	0.03	25.3	460
A00059205	0.09	10.5	0.82	419	0.62	0.03	20.8	410
A00059206	0.07	52.2	0.69	798	0.77	0.02	25.9	710
A00059207	0.07	7.7	0.75	452	0.72	0.03	26.5	410
A00059208	0.07	8.8	0.71	397	1.78	0.02	20.8	270
A00059209	0.07	13.6	0.61	368	0.89	0.03	13.6	320
A00059210	0.12	12.2	0.76	487	1.09	0.02	26.8	230
A00059211	0.06	9.2	0.47	617	1.67	0.02	23.4	400
A00059212	0.12	15.5	0.76	549	1.23	0.02	19.8	270
A00059213	0.08	17.2	0.42	1060	0.86	0.03	17.2	410
A00059214	0.13	25.3	0.45	609	1.80	0.02	12.7	310
A00059215	0.11	28.7	0.78	463	1.14	0.02	31.0	330
A00059216	0.05	11.8	0.27	294	0.91	0.03	11.8	260
A00059217	0.06	17.2	0.65	433	0.92	0.03	25.0	380

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Report File No.: 0000025235

Element Method Det.Lim. Units	K	La	Mg	Mn	Mo	Na	Ni	P
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.01 %	0.1 ppm	0.01 %	2 ppm	0.05 ppm	0.01 %	0.5 ppm	50 ppm
A00059218	0.05	16.6	0.62	341	1.12	0.02	18.4	370
A00059219	0.06	14.9	0.81	734	0.73	0.02	19.1	450
A00059220	0.05	17.8	0.77	480	1.02	0.02	20.9	170
A00059221	0.07	16.1	0.85	630	0.96	0.03	24.2	480
A00059222	0.07	11.6	0.68	468	1.43	0.02	21.3	440
A00059223	0.05	9.2	0.63	411	1.44	0.02	24.2	450
A00059224	0.08	13.0	0.53	426	1.23	0.02	15.5	440
A00059225	0.08	12.2	0.71	682	1.75	0.02	20.0	480
A00059226	0.07	15.8	0.77	494	0.96	0.03	26.0	350
A00059227	0.08	13.8	0.74	473	1.35	0.02	22.8	340
A00059228	0.09	22.7	1.04	768	1.74	0.02	12.9	600
A00059145	0.06	15.7	0.71	617	0.66	0.03	19.1	530
A00059146	0.07	22.0	0.77	345	0.45	0.03	22.8	390
A00059147	0.08	19.2	0.77	503	0.88	0.03	22.6	640
A00059148	0.12	21.6	0.71	583	0.95	0.03	16.8	680
A00059149	0.09	20.4	0.64	543	1.07	0.03	18.0	580
A00059150	0.10	15.8	0.77	538	1.15	0.03	19.7	400
*Rep A00059443	0.05	9.5	0.72	227	0.44	0.01	25.5	660
*Rep A00059155	0.13	23.1	0.89	615	0.71	0.02	16.3	750
*Rep A00059188	0.12	22.5	0.78	864	0.70	0.02	18.0	730
*Rep A00059194	0.09	20.5	0.56	1240	0.95	0.02	13.0	610
*Rep A00059218	0.05	16.7	0.60	341	1.12	0.02	18.5	370
*Rep A00059226	0.07	15.5	0.74	470	0.93	0.03	24.7	340
*Std OREAS209	0.07	14.0	2.24	1410	2.01	0.15	120	1570
*Std OREAS151B	0.43	7.9	1.42	293	59.0	0.18	15.5	520
*Std OREAS902	0.25	14.3	2.12	475	13.0	0.01	173	660
*Blk BLANK	<0.01	<0.1	<0.01	<2	<0.05	<0.01	<0.5	<50
*Blk BLANK	<0.01	<0.1	<0.01	<2	<0.05	<0.01	<0.5	<50

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Element Method Det.Lim. Units	Pb	Rb	Sb	Sc	Sn	Sr	Th	Tl
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.2 ppm	0.2 ppm	0.05 ppm	0.1 ppm	0.3 ppm	0.5 ppm	0.1 ppm	0.01 %
A00059498	11.2	26.4	1.10	8.3	1.0	28.6	8.2	0.17
A00059499	11.4	17.1	0.83	7.1	0.8	19.8	6.6	0.14
A00059500	8.8	17.6	0.94	7.4	0.8	19.5	5.0	0.16
A00059441	7.1	13.3	0.42	6.8	0.5	34.0	5.2	0.19
A00059442	8.5	15.0	0.32	5.8	0.6	35.4	3.9	0.18
A00059443	9.5	7.7	0.53	5.5	0.5	30.7	2.6	0.17
A00059444	10.5	23.3	0.58	10.3	0.7	41.3	7.1	0.21
A00059445	9.8	18.3	0.36	4.7	0.5	32.7	2.6	0.16
A00059446	9.7	12.0	0.41	4.1	0.6	22.5	2.3	0.20
A00059447	7.1	10.6	0.21	3.0	0.4	16.8	1.2	0.13
A00059448	8.0	13.3	0.31	5.3	0.5	29.7	3.8	0.19
A00059449	6.2	14.3	0.25	3.1	0.4	20.8	2.0	0.14
A00059450	6.5	10.5	0.31	5.6	0.5	37.7	3.3	0.19
A00059151	8.9	22.9	1.27	8.0	0.8	29.5	7.3	0.15
A00059152	9.1	19.2	0.64	6.9	0.9	30.6	6.7	0.20
A00059153	9.0	20.3	0.84	8.0	0.8	34.5	7.6	0.18
A00059154	9.9	18.1	0.81	8.1	0.9	40.1	5.8	0.17
A00059155	9.7	26.6	0.89	9.6	0.9	35.2	10.1	0.17
A00059156	8.8	19.8	0.84	9.4	0.7	37.8	6.5	0.15
A00059157	8.9	23.5	0.87	9.7	0.7	32.0	9.1	0.16
A00059158	9.0	28.9	0.77	8.5	0.9	34.7	8.8	0.18
A00059159	9.1	19.3	0.89	9.8	0.8	40.1	6.3	0.17
A00059160	9.1	23.3	0.98	7.7	0.8	38.6	7.6	0.17
A00059161	8.1	21.3	0.66	11.0	0.6	47.3	5.9	0.13
A00059162	8.7	17.0	0.82	7.4	0.7	30.4	4.2	0.14
A00059163	8.7	16.0	0.76	9.7	0.6	33.9	4.6	0.10
A00059164	9.9	22.9	0.86	9.2	0.7	43.2	5.6	0.13
A00059165	9.1	19.5	0.92	7.5	0.7	36.8	5.2	0.15
A00059166	11.7	24.8	1.39	10.9	0.8	38.4	8.2	0.12
A00059167	8.3	15.6	1.37	6.0	0.7	31.4	7.4	0.15
A00059168	9.7	16.7	1.48	7.2	0.6	30.4	6.1	0.11
A00059169	8.9	18.9	1.20	9.2	0.6	38.7	6.4	0.14
A00059170	8.3	10.9	0.96	6.1	0.6	34.5	5.2	0.17
A00059171	6.8	15.9	1.36	6.5	0.6	33.3	6.0	0.17
A00059172	7.6	28.4	2.36	8.1	0.8	33.2	9.1	0.16
A00059173	8.9	22.9	2.21	7.4	0.8	33.7	6.8	0.17
A00059174	8.8	23.3	2.66	9.7	0.7	29.6	10.4	0.13
A00059175	6.9	17.2	1.36	6.4	0.6	30.9	6.5	0.15
A00059176	8.1	21.1	1.45	7.7	0.7	31.1	8.5	0.17
A00059177	9.1	24.1	1.34	5.9	0.8	21.3	6.0	0.17

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Report File No.: 0000025235

Element Method Det.Lim. Units	Pb	Rb	Sb	Sc	Sn	Sr	Th	Tl
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.2 ppm	0.2 ppm	0.05 ppm	0.1 ppm	0.3 ppm	0.5 ppm	0.1 ppm	0.01 %
A00059178	9.4	18.8	3.46	8.9	0.7	37.0	7.8	0.17
A00059179	10.1	30.2	1.40	8.2	0.9	28.0	9.9	0.16
A00059180	8.1	16.5	0.88	8.5	0.6	31.1	5.5	0.14
A00059181	12.4	29.8	3.43	9.0	1.0	22.9	11.0	0.11
A00059182	15.4	36.1	1.74	9.1	0.7	17.8	8.4	0.07
A00059183	10.8	12.6	0.65	6.8	0.8	23.0	4.3	0.18
A00059184	8.8	21.5	1.11	8.0	0.7	31.2	8.2	0.15
A00059185	8.7	19.1	1.56	5.9	0.6	33.6	4.6	0.11
A00059186	9.2	16.0	1.19	6.2	0.6	27.7	4.8	0.13
A00059187	10.5	21.2	1.75	6.8	0.7	28.4	5.5	0.12
A00059188	9.4	21.9	1.03	8.9	0.7	37.0	6.5	0.14
A00059189	10.1	26.2	0.93	10.2	0.7	38.5	7.7	0.13
A00059190	12.4	24.5	1.12	7.0	0.7	38.1	4.2	0.08
A00059191	10.0	20.3	1.17	8.0	0.7	32.2	7.6	0.09
A00059192	9.3	20.2	1.04	8.5	0.8	37.9	8.6	0.11
A00059193	10.0	17.0	0.81	5.7	0.6	28.6	4.3	0.07
A00059194	10.5	21.7	1.37	6.0	0.9	36.3	6.7	0.09
A00059195	8.3	13.6	0.83	5.1	0.6	28.8	3.3	0.08
A00059196	7.2	11.6	0.49	6.0	0.5	37.0	4.3	0.16
A00059197	7.7	9.6	0.34	3.9	0.6	26.2	2.6	0.14
A00059198	7.6	12.7	0.43	5.9	0.6	34.4	4.4	0.17
A00059199	8.9	10.1	0.45	5.3	0.6	25.8	6.3	0.16
A00059200	9.5	17.1	0.41	5.4	0.7	28.9	6.8	0.13
A00059201	9.9	22.7	0.53	7.0	0.8	32.5	10.9	0.16
A00059202	10.7	12.9	0.54	6.5	0.9	38.5	7.4	0.16
A00059203	7.5	12.0	0.43	6.7	0.7	35.2	6.1	0.16
A00059204	8.5	12.5	0.56	8.1	0.8	38.2	8.6	0.19
A00059205	7.7	15.3	0.57	6.0	0.8	33.5	5.8	0.20
A00059206	12.5	13.4	19.1	9.8	0.7	44.8	6.5	0.12
A00059207	7.1	11.1	0.74	5.5	0.6	28.1	4.6	0.16
A00059208	11.8	15.6	1.78	5.5	1.0	25.5	4.4	0.19
A00059209	7.2	14.5	0.58	5.1	0.7	25.5	5.1	0.10
A00059210	8.6	19.5	0.59	5.7	0.8	18.7	7.9	0.14
A00059211	10.1	17.0	0.70	5.2	0.7	21.2	4.6	0.09
A00059212	10.7	24.6	1.01	10.8	0.8	17.7	10.1	0.08
A00059213	8.0	12.9	1.24	7.7	0.5	45.5	4.6	0.07
A00059214	12.8	22.6	2.84	9.3	0.6	18.8	15.1	0.03
A00059215	8.8	18.7	4.00	9.2	0.7	28.1	8.4	0.10
A00059216	4.8	9.8	1.14	3.7	0.3	19.7	2.4	0.07
A00059217	7.5	10.1	0.89	7.7	0.7	38.2	4.1	0.16

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Element Method Det.Lim. Units	Pb	Rb	Sb	Sc	Sn	Sr	Th	Ti
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.2 ppm	0.2 ppm	0.05 ppm	0.1 ppm	0.3 ppm	0.5 ppm	0.1 ppm	0.01 %
A00059218	8.6	8.9	0.53	6.0	0.7	24.0	6.2	0.15
A00059219	9.4	10.6	0.80	6.1	0.8	31.3	9.4	0.18
A00059220	8.9	9.4	0.53	6.4	0.8	34.6	8.3	0.17
A00059221	8.8	11.4	0.68	6.3	0.8	28.4	8.9	0.19
A00059222	10.3	13.1	0.52	5.9	1.0	24.6	8.8	0.18
A00059223	8.2	10.7	0.48	5.1	0.7	22.3	5.1	0.17
A00059224	9.2	16.6	0.67	4.7	0.8	29.6	5.3	0.17
A00059225	11.3	13.8	0.75	5.5	0.6	26.7	4.8	0.14
A00059226	7.7	11.2	0.51	7.1	0.6	35.0	6.3	0.13
A00059227	9.3	12.6	1.34	5.8	0.6	29.9	4.7	0.11
A00059228	15.5	21.3	5.34	6.0	0.8	30.6	13.1	0.05
A00059145	8.2	11.7	0.68	6.8	0.8	27.5	7.0	0.15
A00059146	9.2	14.1	0.92	9.8	0.8	35.4	9.4	0.19
A00059147	8.7	17.2	0.64	8.6	0.8	39.6	7.5	0.16
A00059148	8.0	20.6	0.87	7.3	0.8	38.4	7.8	0.16
A00059149	8.2	20.3	0.81	7.8	0.8	48.0	5.6	0.14
A00059150	9.6	22.0	0.92	6.8	1.2	35.5	6.5	0.18
*Rep A00059443	9.0	7.5	0.52	5.3	0.5	29.3	2.6	0.16
*Rep A00059155	9.5	26.3	0.86	9.5	0.9	34.5	10.5	0.17
*Rep A00059188	9.2	21.6	1.04	8.5	0.7	35.5	6.1	0.14
*Rep A00059194	10.2	20.6	1.25	5.6	0.8	32.6	6.7	0.09
*Rep A00059218	8.6	8.7	0.50	5.9	0.7	23.3	6.3	0.14
*Rep A00059226	7.5	10.6	0.50	6.7	0.6	33.6	6.4	0.12
*Std OREAS209	3.3	3.9	1.22	3.8	0.9	57.7	1.9	0.12
*Std OREAS151B	43.0	21.3	0.64	9.3	1.1	41.0	2.9	0.08
*Std OREAS902	11.0	9.1	0.85	2.7	<0.3	22.6	5.1	<0.01
*Blk BLANK	<0.2	<0.2	<0.05	<0.1	<0.3	<0.5	<0.1	<0.01
*Blk BLANK	<0.2	<0.2	<0.05	<0.1	<0.3	<0.5	0.1	<0.01

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Report File No.: 0000025235

Element Method Det.Lim. Units	Tl	U	V	W	Y	Zn
	GE_IMS14B 0.02 ppm	GE_IMS14B 0.05 ppm	GE_IMS14B 1 ppm	GE_IMS14B 0.1 ppm	GE_IMS14B 0.05 ppm	GE_IMS14B 1 ppm
A00059498	0.26	1.33	103	0.2	11.3	91
A00059499	0.16	0.79	91	0.1	5.60	58
A00059500	0.19	0.65	105	0.2	4.25	64
A00059441	0.12	2.60	87	0.2	12.7	66
A00059442	0.16	6.44	94	0.3	11.9	61
A00059443	0.15	1.43	82	0.2	6.44	57
A00059444	0.20	1.83	93	0.2	15.8	72
A00059445	0.14	0.83	80	0.3	4.58	62
A00059446	0.10	0.45	104	0.2	3.23	53
A00059447	0.08	0.44	69	0.2	3.80	34
A00059448	0.14	1.89	82	0.2	7.48	55
A00059449	0.13	0.58	67	0.2	4.34	51
A00059450	0.11	0.92	91	0.2	7.14	59
A00059151	0.21	1.73	81	0.2	8.04	72
A00059152	0.21	1.40	93	0.2	6.37	74
A00059153	0.21	2.50	83	0.2	8.85	72
A00059154	0.23	2.70	86	0.2	7.89	78
A00059155	0.24	3.17	84	0.2	11.8	76
A00059156	0.19	2.54	81	0.2	13.5	64
A00059157	0.21	2.46	85	0.2	11.7	73
A00059158	0.23	1.71	96	0.3	9.36	77
A00059159	0.19	5.09	85	0.5	13.3	71
A00059160	0.19	2.27	92	0.2	9.06	77
A00059161	0.18	7.12	75	0.2	20.9	69
A00059162	0.17	2.11	80	0.2	8.12	64
A00059163	0.19	3.67	67	0.1	16.2	61
A00059164	0.19	4.83	83	0.2	12.3	73
A00059165	0.17	3.07	84	0.3	9.03	77
A00059166	0.21	2.76	87	0.1	12.6	78
A00059167	0.16	1.21	82	0.2	7.42	69
A00059168	0.17	2.01	66	0.1	11.0	59
A00059169	0.19	2.03	77	0.1	12.0	65
A00059170	0.15	1.15	84	0.2	6.03	60
A00059171	0.14	1.45	80	0.1	8.37	57
A00059172	0.22	1.83	85	0.1	9.78	69
A00059173	0.20	2.03	83	0.2	9.64	68
A00059174	0.18	1.94	87	0.2	10.4	67
A00059175	0.15	1.08	81	0.1	8.26	52
A00059176	0.16	0.94	82	0.2	11.1	60
A00059177	0.20	0.67	85	0.2	5.12	62

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Element Method Det.Lim. Units	Tl	U	V	W	Y	Zn
	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
	0.02 ppm	0.05 ppm	1 ppm	0.1 ppm	0.05 ppm	1 ppm
A00059178	0.16	1.18	83	0.2	13.4	59
A00059179	0.19	1.47	80	0.2	14.8	70
A00059180	0.15	1.08	85	0.2	11.0	62
A00059181	0.21	1.24	79	0.1	13.4	80
A00059182	0.25	1.95	95	0.2	8.08	75
A00059183	0.13	0.60	121	0.2	5.43	63
A00059184	0.17	2.18	78	0.1	12.6	63
A00059185	0.17	1.73	60	0.2	8.28	54
A00059186	0.18	1.81	74	0.3	6.91	62
A00059187	0.19	2.00	73	0.3	8.39	65
A00059188	0.20	3.25	79	0.3	12.6	75
A00059189	0.20	3.71	81	0.1	12.6	80
A00059190	0.20	2.35	86	0.2	11.1	71
A00059191	0.17	2.61	79	0.2	10.4	76
A00059192	0.17	4.22	78	0.2	14.0	81
A00059193	0.14	2.42	70	0.2	10.1	58
A00059194	0.19	2.30	87	0.2	8.69	73
A00059195	0.16	2.10	68	0.2	7.17	60
A00059196	0.13	2.19	76	0.1	10.3	59
A00059197	0.12	1.23	74	0.2	4.02	54
A00059198	0.15	1.47	87	0.2	8.67	61
A00059199	0.14	1.14	86	0.2	6.18	64
A00059200	0.14	3.55	71	0.3	10.9	64
A00059201	0.23	3.22	77	0.2	13.3	64
A00059202	0.17	2.21	88	0.4	9.92	61
A00059203	0.16	1.14	90	0.2	9.57	60
A00059204	0.22	2.27	91	0.2	11.4	67
A00059205	0.18	0.86	91	0.2	6.13	61
A00059206	0.20	10.4	86	0.3	73.8	80
A00059207	0.13	0.63	84	0.2	4.74	58
A00059208	0.19	0.56	114	0.3	3.86	61
A00059209	0.17	0.71	77	0.1	5.24	48
A00059210	0.15	0.56	95	0.2	4.47	72
A00059211	0.14	0.61	89	0.2	4.25	74
A00059212	0.27	1.28	108	0.2	7.65	75
A00059213	0.12	2.74	69	0.2	15.6	52
A00059214	0.21	1.98	69	0.1	9.76	64
A00059215	0.21	1.54	86	0.2	13.4	56
A00059216	0.12	0.64	41	0.1	8.49	26
A00059217	0.11	0.93	85	0.2	13.2	54

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Report File No.: 0000025235

Element Method Det.Lim. Units	TI	U	V	W	Y	Zn
	GE_IMS14B 0.02 ppm	GE_IMS14B 0.05 ppm	GE_IMS14B 1 ppm	GE_IMS14B 0.1 ppm	GE_IMS14B 0.05 ppm	GE_IMS14B 1 ppm
A00059218	0.16	2.05	91	0.2	10.1	56
A00059219	0.12	1.53	81	0.4	9.76	66
A00059220	0.17	1.85	97	0.2	8.45	62
A00059221	0.09	2.15	94	0.3	8.54	74
A00059222	0.14	1.41	92	0.3	6.56	64
A00059223	0.12	0.95	99	0.2	4.66	64
A00059224	0.16	1.24	81	0.2	6.93	54
A00059225	0.13	1.41	88	0.3	6.58	62
A00059226	0.14	1.68	89	0.2	14.2	60
A00059227	0.12	0.82	97	0.2	7.92	61
A00059228	0.15	1.59	102	0.2	7.45	98
A00059145	0.20	2.54	88	0.2	8.00	66
A00059146	0.20	5.25	99	0.6	15.3	70
A00059147	0.21	5.74	97	0.2	13.4	73
A00059148	0.21	2.96	84	0.2	12.0	74
A00059149	0.20	4.23	80	0.2	13.8	75
A00059150	0.23	1.53	96	0.2	7.76	79
*Rep A00059443	0.14	1.35	81	0.2	5.90	56
*Rep A00059155	0.23	3.11	83	0.2	11.4	75
*Rep A00059188	0.19	3.22	75	0.2	12.1	74
*Rep A00059194	0.19	2.19	82	0.2	8.40	68
*Rep A00059218	0.15	2.07	89	0.3	10.1	57
*Rep A00059226	0.13	1.64	84	0.2	13.2	57
*Std OREAS209	0.04	0.46	41	0.4	13.2	80
*Std OREAS151B	0.14	0.67	152	0.7	11.1	248
*Std OREAS902	0.23	2.31	9	2.3	7.55	7
*Blk BLANK	<0.02	<0.05	<1	<0.1	<0.05	<1
*Blk BLANK	<0.02	<0.05	<1	<0.1	<0.05	<1

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APPENDIX 2

Laboratory Assay Certificates Geoprobe Samples



Certificate of Analysis
Work Order : VC173110
[Report File No.: 000025314]

Date: October 17, 2017

To: **KENDRA JOHNSTON**
 INVOICE PAYMENT APPROVER
INDEPENDENCE GOLD CORP.
 1020-625 HOWE STREET
 VANCOUVER BC V6C 2T6

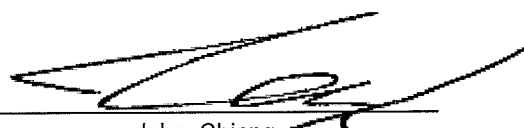
P.O. No.: BLVD-90503-05 / YK17-MHR-GP
 Project No.: YK17-MHR-GP
 Samples: 24
 Received: Sep 12, 2017
 Pages: Page 1 to 6
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
24	G_LOG02	Pre-preparation processing, sorting, logging, boxing
24	G_WGH79	Weighing of samples and reporting of weights
22	G_PRP89	Weigh, dry,(up to3.0 kg) crush to 75% passing 2 mm, split 250 g, pulverize to
24	GE_FAA313	@Au, FAS, AAS, 30g-5ml(Final Mode)
24	GE_ICP14B	Aqua Regia digestion/ICP-AES package

Storage: Pulp & Reject

REJECT STORAGE : DISPOSE AFTER 30 DAYS
 PULP STORAGE : DISPOSE AFTER 90 DAYS

Certified By : 
 John Chiang
 QC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Report File No.: 0000025314

Element Method Det.Lim. Units	WtKg G_WGH79 0.01 kg	@Au GE_FAA313 5 ppb	@Ag GE_ICP14B 2 ppm	@Al GE_ICP14B 0.01 %	@As GE_ICP14B 3 ppm	@Ba GE_ICP14B 5 ppm	@Be GE_ICP14B 0.5 ppm	@Bi GE_ICP14B 5 ppm
D00018721	0.260	13	<2	1.81	80	252	<0.5	<5
D00018722	0.245	17	<2	2.14	118	288	<0.5	<5
D00018723	0.215	11	<2	1.60	58	187	<0.5	<5
D00018724	0.225	<5	<2	1.60	23	257	<0.5	<5
D00018725	0.275	15	<2	1.68	44	202	<0.5	<5
D00018726	0.315	9	<2	0.67	73	121	<0.5	<5
D00018727	0.205	11	<2	1.71	62	245	<0.5	<5
D00018728	0.240	8	<2	1.24	46	144	<0.5	<5
D00018729	0.080	494	<2	2.01	172	150	<0.5	<5
D00018731	0.210	11	<2	1.22	105	175	<0.5	<5
D00018732	0.260	9	<2	1.18	55	156	<0.5	<5
D00018733	0.270	11	<2	1.29	61	173	<0.5	<5
D00018734	0.245	9	<2	1.22	78	156	<0.5	<5
D00018735	0.225	21	<2	1.18	64	158	<0.5	<5
D00018736	0.275	11	<2	1.28	63	148	<0.5	<5
D00018737	0.290	14	<2	1.67	59	447	<0.5	<5
D00018738	0.425	13	<2	1.68	72	453	<0.5	<5
D00018739	0.440	7	<2	1.85	45	542	<0.5	<5
D00018740	0.225	45	<2	0.81	456	129	<0.5	<5
D00018741	0.285	<5	<2	1.38	40	316	<0.5	<5
D00018742	0.250	<5	<2	1.41	21	467	<0.5	<5
D00018743	0.385	<5	<2	1.32	9	469	<0.5	<5
D00018744	0.355	6	<2	1.41	26	317	<0.5	<5
D00018745	0.090	9	<2	1.71	7	115	<0.5	<5
*Rep D00018728		10						
*Std OXN117		7580						
*Blk BLANK		<5						
*Rep D00018733			<2	1.31	63	175	<0.5	<5
*Std OREAS502B			<2	1.79	17	317	<0.5	<5
*Blk BLANK			<2	<0.01	<3	<5	<0.5	<5

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Element Method Det.Lim. Units	@Ca GE_ICP14B 0.01 %	@Cd GE_ICP14B 1 ppm	@Co GE_ICP14B 1 ppm	@Cr GE_ICP14B 1 ppm	@Cu GE_ICP14B 0.5 ppm	@Fe GE_ICP14B 0.01 %	@Hg GE_ICP14B 1 ppm	@K GE_ICP14B 0.01 %
D00018721	0.55	<1	14	10	23.7	4.67	<1	0.52
D00018722	0.50	1	14	11	36.0	5.41	<1	0.50
D00018723	0.76	<1	12	8	16.5	4.07	<1	0.47
D00018724	0.65	<1	10	8	22.5	3.69	<1	0.79
D00018725	0.75	<1	10	10	7.5	4.10	<1	0.63
D00018726	0.10	<1	5	5	5.2	2.01	<1	0.25
D00018727	0.62	<1	13	9	7.2	3.96	<1	0.57
D00018728	0.27	<1	8	9	6.4	3.38	<1	0.32
D00018729	1.16	1	10	23	111	3.73	<1	0.26
D00018731	0.28	<1	8	7	33.9	3.21	<1	0.53
D00018732	0.36	<1	9	9	5.2	3.21	<1	0.50
D00018733	0.38	<1	9	13	8.6	3.69	<1	0.44
D00018734	0.31	<1	9	9	6.8	3.34	<1	0.36
D00018735	0.32	<1	7	9	4.3	3.04	<1	0.35
D00018736	0.28	<1	8	10	4.7	3.30	<1	0.38
D00018737	0.46	<1	9	14	6.5	3.22	<1	0.42
D00018738	0.53	<1	8	14	6.9	3.04	<1	0.42
D00018739	0.54	<1	9	15	6.2	3.60	<1	0.47
D00018740	0.28	<1	11	5	10.0	3.19	<1	0.33
D00018741	0.28	<1	9	8	5.0	3.32	<1	0.21
D00018742	0.31	<1	8	9	3.9	3.23	<1	0.26
D00018743	0.37	<1	6	6	5.1	2.66	<1	0.30
D00018744	0.46	<1	9	3	11.9	4.25	<1	0.32
D00018745	1.05	<1	8	40	41.6	3.18	<1	0.16
*Rep D00018733	0.38	<1	8	13	8.5	3.69	<1	0.45
*Std OREAS502B	1.07	1	18	76	7780	4.86	<1	0.94
*Blk BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<1	<0.01

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Element Method Det.Lim. Units	@La	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P
	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
	0.5 ppm	1 ppm	0.01 %	2 ppm	1 ppm	0.01 %	1 ppm	0.01 %
D00018721	18.1	30	1.26	822	<1	0.12	6	0.07
D00018722	10.8	40	1.48	922	<1	0.15	7	0.07
D00018723	12.4	25	1.13	692	<1	0.15	5	0.07
D00018724	14.3	20	0.98	560	<1	0.19	3	0.06
D00018725	18.7	22	1.02	742	<1	0.18	5	0.05
D00018726	6.4	8	0.27	399	<1	0.04	2	0.02
D00018727	19.9	31	1.16	1040	<1	0.12	4	0.06
D00018728	20.5	20	0.70	626	<1	0.10	4	0.05
D00018729	7.8	9	0.88	534	5	0.24	17	0.06
D00018731	20.6	18	0.61	468	<1	0.07	6	0.06
D00018732	26.1	16	0.75	698	<1	0.07	6	0.06
D00018733	16.5	20	0.73	707	<1	0.09	8	0.06
D00018734	16.1	18	0.70	807	<1	0.08	7	0.05
D00018735	18.1	18	0.64	637	<1	0.07	7	0.05
D00018736	23.1	21	0.69	721	<1	0.08	7	0.05
D00018737	19.9	23	0.75	761	<1	0.11	7	0.06
D00018738	19.0	20	0.63	558	<1	0.15	7	0.05
D00018739	20.9	24	0.70	706	<1	0.16	7	0.06
D00018740	23.2	5	0.20	492	<1	0.03	8	0.06
D00018741	28.3	20	0.75	999	<1	0.06	6	0.07
D00018742	29.0	16	0.61	660	<1	0.10	5	0.06
D00018743	17.2	16	0.62	658	<1	0.13	3	0.05
D00018744	26.3	16	0.70	1110	<1	0.09	5	0.13
D00018745	5.0	11	0.78	515	7	0.12	30	0.06
*Rep D00018733	16.2	21	0.74	706	<1	0.09	7	0.06
*Std OREAS502B	26.8	31	1.19	383	222	0.14	33	0.10
*Blk BLANK	<0.5	1	<0.01	<2	<1	<0.01	<1	<0.01

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Element Method Det.Lim. Units	@Pb GE_ICP14B 2 ppm	@S GE_ICP14B 0.01 %	@Sb GE_ICP14B 5 ppm	@Sc GE_ICP14B 0.5 ppm	@Sn GE_ICP14B 10 ppm	@Sr GE_ICP14B 0.5 ppm	@Tl GE_ICP14B 0.01 %	@V GE_ICP14B 1 ppm
D00018721	<2	<0.01	<5	13.1	<10	27.2	0.23	127
D00018722	<2	<0.01	<5	17.8	<10	33.5	0.16	129
D00018723	<2	<0.01	<5	8.3	<10	27.5	0.32	111
D00018724	<2	<0.01	<5	6.6	<10	26.0	0.28	107
D00018725	<2	<0.01	<5	7.7	<10	33.4	0.26	99
D00018726	3	<0.01	<5	2.6	<10	6.7	0.02	37
D00018727	2	<0.01	<5	9.8	<10	24.0	0.26	101
D00018728	<2	<0.01	<5	6.6	<10	16.6	0.07	56
D00018729	26	0.05	<5	3.5	<10	98.9	0.18	103
D00018731	4	<0.01	<5	8.4	<10	15.5	0.10	60
D00018732	<2	<0.01	<5	7.7	<10	17.9	0.18	68
D00018733	<2	<0.01	<5	7.9	<10	22.8	0.17	72
D00018734	<2	<0.01	<5	7.0	<10	16.8	0.16	69
D00018735	3	<0.01	<5	6.6	<10	19.0	0.12	63
D00018736	5	<0.01	<5	6.6	<10	16.1	0.11	59
D00018737	9	<0.01	<5	6.8	<10	42.1	0.14	66
D00018738	5	<0.01	<5	5.3	<10	47.8	0.15	66
D00018739	6	<0.01	<5	7.6	<10	51.1	0.14	71
D00018740	4	<0.01	<5	7.1	<10	14.8	0.02	41
D00018741	11	<0.01	<5	5.4	<10	19.9	0.02	48
D00018742	7	<0.01	<5	5.4	<10	29.0	0.05	48
D00018743	5	<0.01	<5	5.0	<10	37.7	0.09	45
D00018744	6	<0.01	<5	7.5	<10	33.1	0.05	74
D00018745	<2	0.04	<5	5.5	<10	55.9	0.17	71
*Rep D00018733	<2	<0.01	<5	8.0	<10	22.5	0.17	72
*Std OREAS502B	19	0.90	<5	6.5	<10	65.2	0.32	116
*Blk BLANK	<2	<0.01	<5	<0.5	<10	<0.5	<0.01	<1

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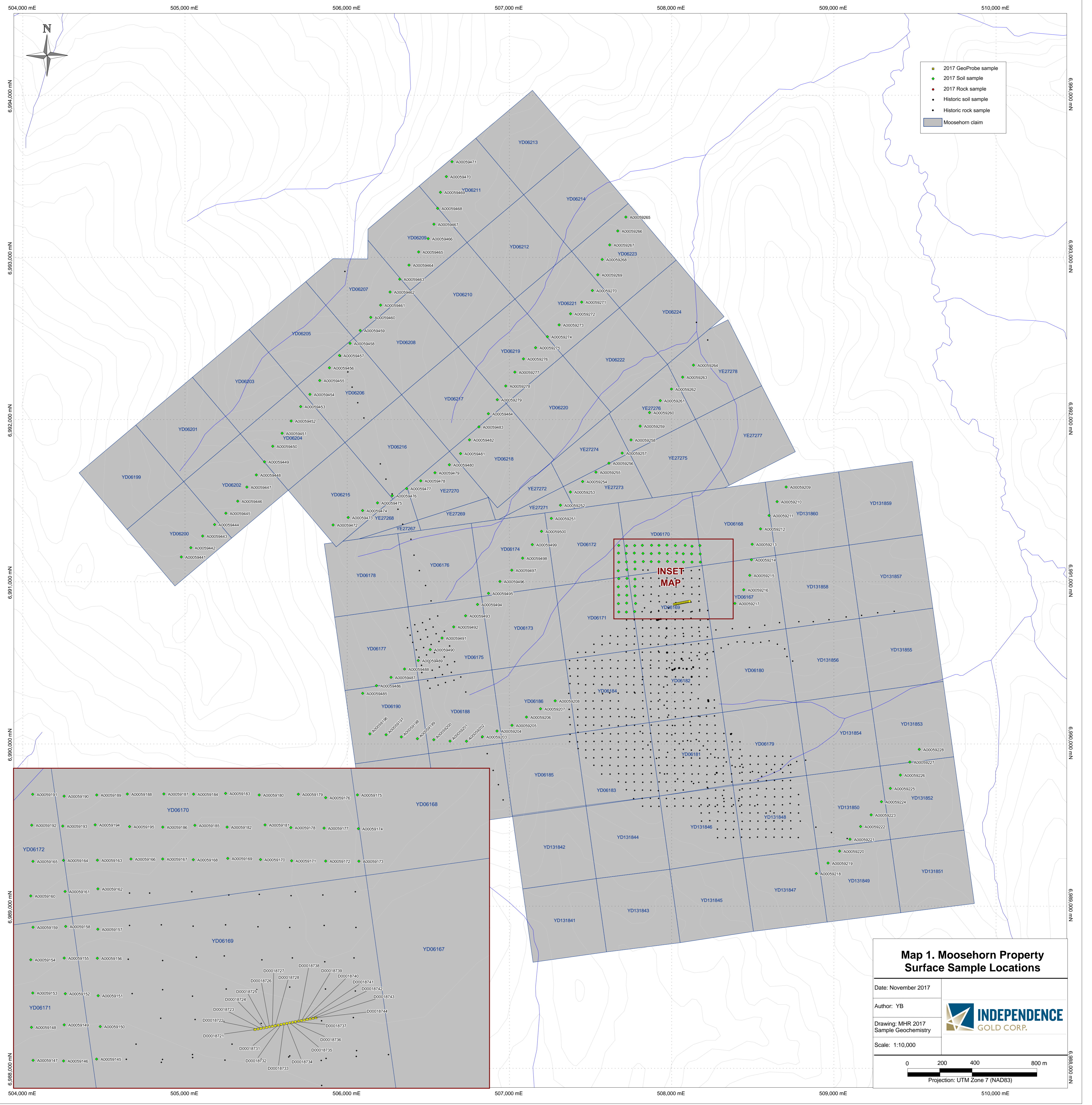


Report File No.: 0000025314

Element Method Det.Lim. Units	@W	@Y	@Zn	@Zr
	GE_ICP14B 10 ppm	GE_ICP14B 0.5 ppm	GE_ICP14B 1 ppm	GE_ICP14B 0.5 ppm
D00018721	<10	14.1	71	3.3
D00018722	<10	14.5	76	3.6
D00018723	<10	15.2	59	3.7
D00018724	<10	13.1	50	3.0
D00018725	<10	15.6	51	3.7
D00018726	<10	4.9	24	3.4
D00018727	<10	21.1	67	4.7
D00018728	<10	9.9	49	3.1
D00018729	<10	5.6	102	3.5
D00018731	<10	15.2	47	4.9
D00018732	<10	16.1	50	4.8
D00018733	<10	11.6	59	4.8
D00018734	<10	11.2	55	3.0
D00018735	<10	11.4	45	3.6
D00018736	<10	11.7	48	3.9
D00018737	<10	8.5	55	19.7
D00018738	<10	7.3	47	20.4
D00018739	<10	8.7	57	23.2
D00018740	<10	12.5	57	3.2
D00018741	<10	8.5	67	4.3
D00018742	<10	8.0	58	3.6
D00018743	<10	6.9	50	3.3
D00018744	<10	12.3	69	5.0
D00018745	<10	7.9	47	6.8
*Rep D00018733	<10	11.8	59	4.8
*Std OREAS502B	<10	13.9	130	12.9
*Blk BLANK	<10	<0.5	<1	<0.5

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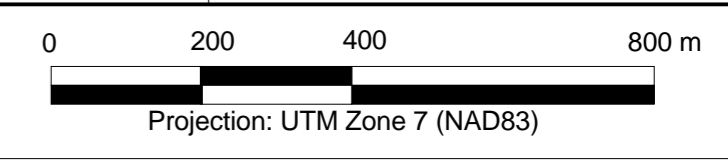


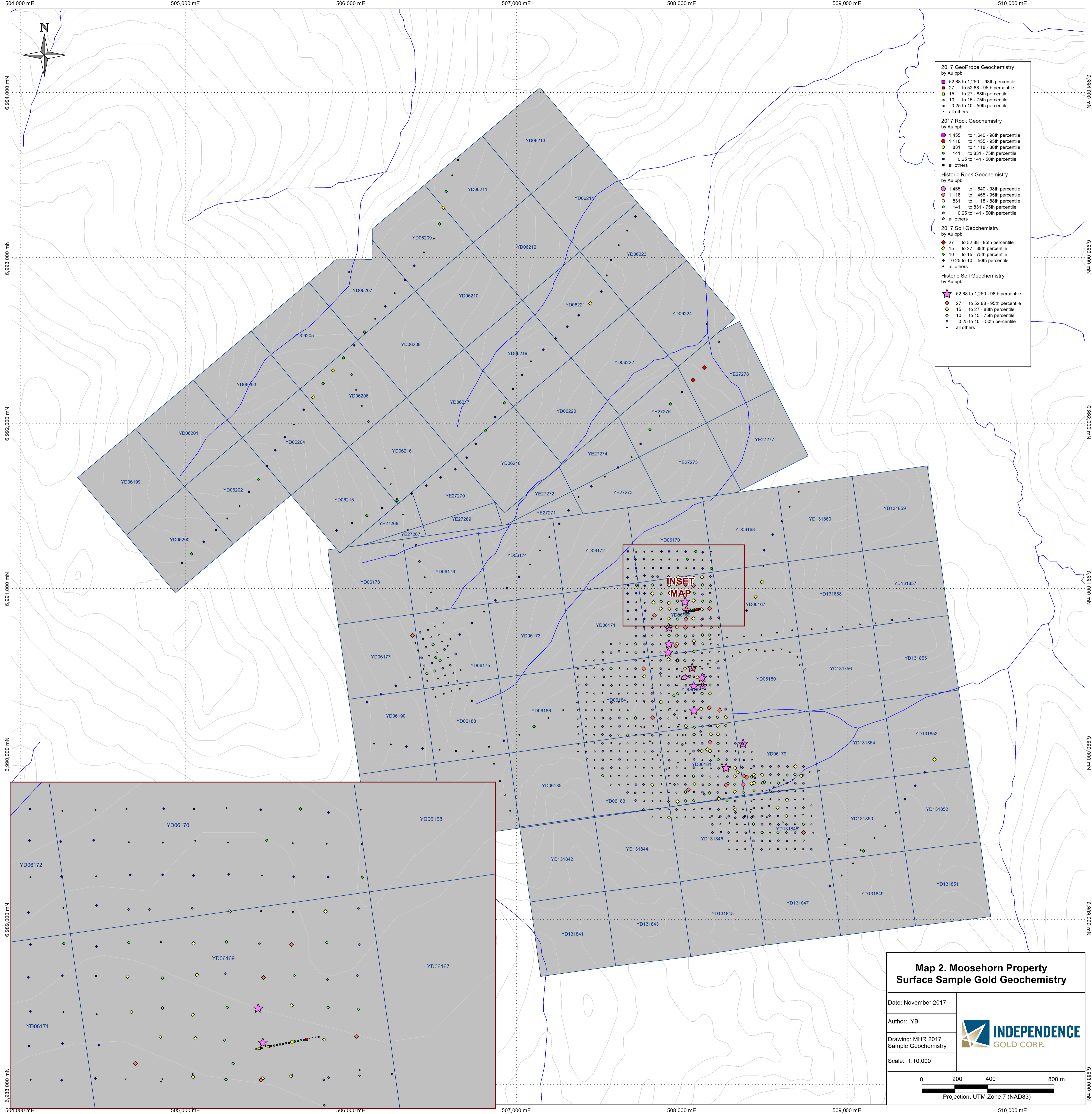
- 2017 GeoProbe sample
- ◆ 2017 Soil sample
- 2017 Rock sample
- Historic soil sample
- Historic rock sample
- Moosehorn claim

**INSET
MAP**

Map 1. Moosehorn Property Surface Sample Locations

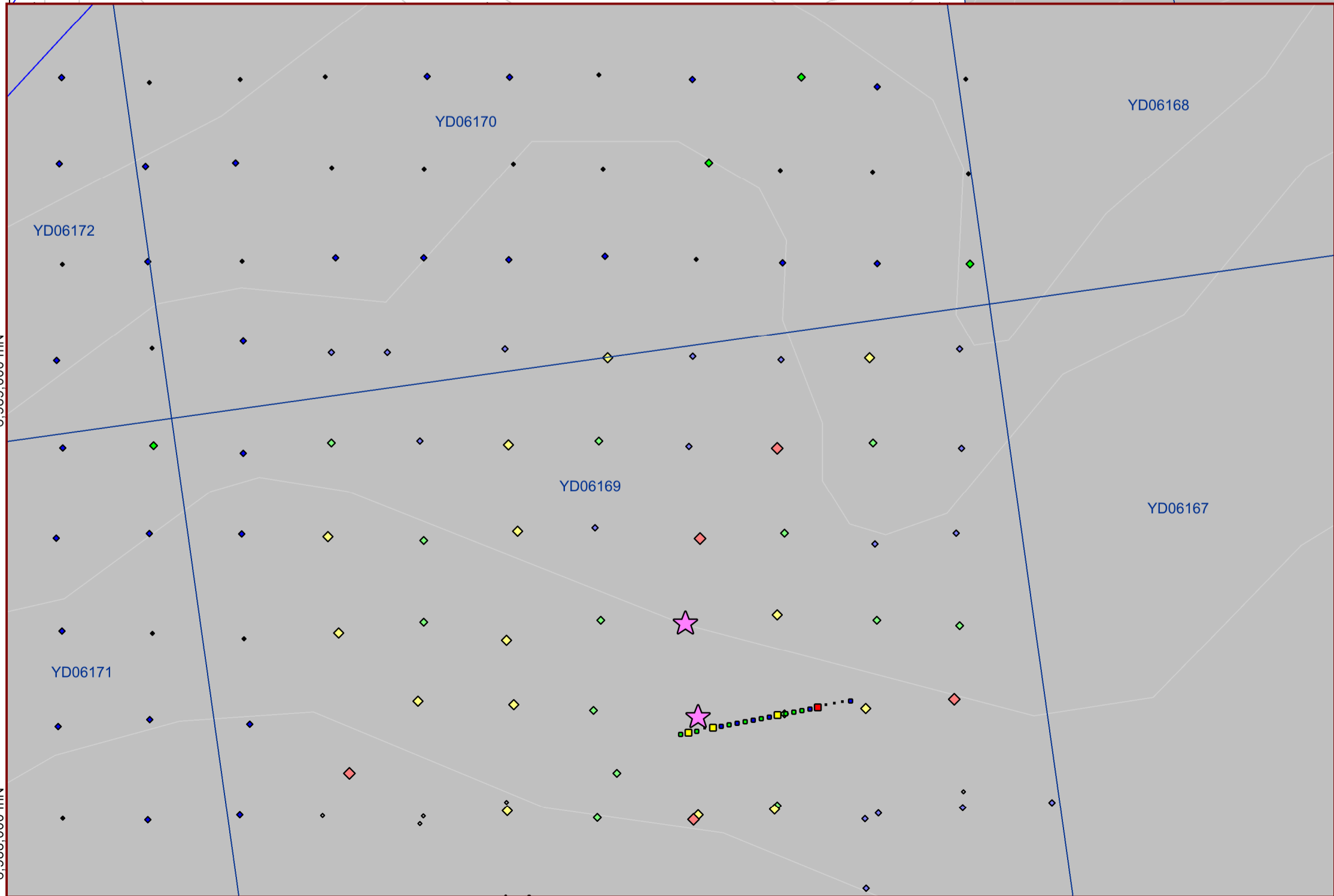
Date: November 2017
 Author: YB
 Drawing: MHR 2017
 Sample Geochemistry
 Scale: 1:10,000





- 2017 GeoProbe Geochemistry by Au ppb**
- 52.88 to 1,250 - 98th percentile
 - 27 to 52.88 - 95th percentile
 - 15 to 27 - 88th percentile
 - 10 to 15 - 75th percentile
 - 0.25 to 10 - 50th percentile
 - all others
- 2017 Rock Geochemistry by Au ppb**
- 1,455 to 1,640 - 98th percentile
 - 1,118 to 1,455 - 95th percentile
 - 831 to 1,118 - 88th percentile
 - 141 to 831 - 75th percentile
 - 0.25 to 141 - 50th percentile
 - all others
- Historic Rock Geochemistry by Au ppb**
- 1,455 to 1,640 - 98th percentile
 - 1,118 to 1,455 - 95th percentile
 - 831 to 1,118 - 88th percentile
 - 141 to 831 - 75th percentile
 - 0.25 to 141 - 50th percentile
 - all others
- 2017 Soil Geochemistry by Au ppb**
- ◆ 27 to 52.88 - 95th percentile
 - ◆ 15 to 27 - 88th percentile
 - ◆ 10 to 15 - 75th percentile
 - ◆ 0.25 to 10 - 50th percentile
 - all others
- Historic Soil Geochemistry by Au ppb**
- ★ 52.88 to 1,250 - 98th percentile
 - ★ 27 to 52.88 - 95th percentile
 - ★ 15 to 27 - 88th percentile
 - ★ 10 to 15 - 75th percentile
 - ★ 0.25 to 10 - 50th percentile
 - all others

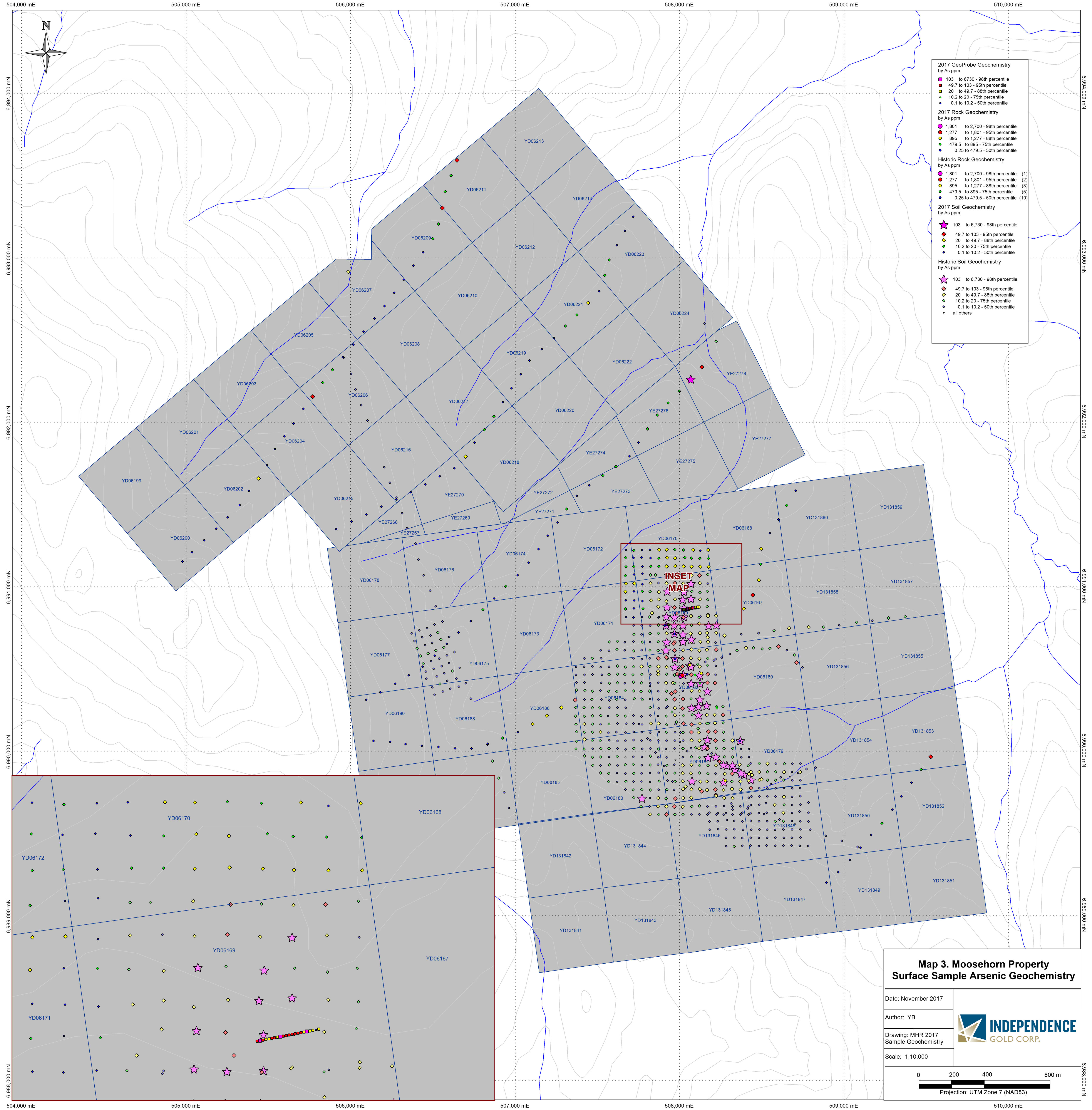
**INSET
MAP**



**Map 2. Moosehorn Property
Surface Sample Gold Geochemistry**

Date: November 2017	
Author: YB	
Drawing: MHR 2017 Sample Geochemistry	
Scale: 1:10,000	

Projection: UTM Zone 7 (NAD83)



- 2017 GeoProbe Geochemistry**
by As ppm
- 103 to 6730 - 98th percentile
 - 49.7 to 103 - 95th percentile
 - 20 to 49.7 - 88th percentile
 - 10.2 to 20 - 75th percentile
 - 0.1 to 10.2 - 50th percentile
- 2017 Rock Geochemistry**
by As ppm
- 1,801 to 2,700 - 98th percentile
 - 1,277 to 1,801 - 95th percentile
 - 895 to 1,277 - 88th percentile
 - 479.5 to 895 - 75th percentile
 - 0.25 to 479.5 - 50th percentile
- Historic Rock Geochemistry**
by As ppm
- 1,801 to 2,700 - 98th percentile (1)
 - 1,277 to 1,801 - 95th percentile (2)
 - 895 to 1,277 - 88th percentile (3)
 - 479.5 to 895 - 75th percentile (5)
 - 0.25 to 479.5 - 50th percentile (10)
- 2017 Soil Geochemistry**
by As ppm
- ★ 103 to 6,730 - 98th percentile
 - ◆ 49.7 to 103 - 95th percentile
 - ◆ 20 to 49.7 - 88th percentile
 - ◆ 10.2 to 20 - 75th percentile
 - ◆ 0.1 to 10.2 - 50th percentile
- Historic Soil Geochemistry**
by As ppm
- ★ 103 to 6,730 - 98th percentile
 - ◆ 49.7 to 103 - 95th percentile
 - ◆ 20 to 49.7 - 88th percentile
 - ◆ 10.2 to 20 - 75th percentile
 - ◆ 0.1 to 10.2 - 50th percentile
 - all others

**INSET
MAP**

**Map 3. Moosehorn Property
Surface Sample Arsenic Geochemistry**

Date: November 2017

Author: YB

Drawing: MHR 2017
Sample Geochemistry

Scale: 1:10,000

0 200 400 800 m

Projection: UTM Zone 7 (NAD83)