

**Technical report for
YMEP 17-017 Target Evaluation Hard Rock**

2017 SOIL SAMPLING and RAB DRILLING

on the

HENDERSON PROPERTY, YUKON

<u>Grant Number</u>	<u>Claim Name</u>	<u>Grant Number</u>	<u>Claim Name</u>
YD64401-YD64430	Hendy 1 - Hendy 30	YD64953-YD64954	Hendy 553 - Hendy 554
YD64431-YD64446	Hendy 31 - Hendy 46	YD64955-YD65042	Hendy 555 - Hendy 642
YD64447-YD64466	Hendy 47 - Hendy 66	YD65043-YD65044	Hendy 643 - Hendy 644
YD64467-YD64473	Hendy 67 - Hendy 73	YD65045-YD65064	Hendy 645 - Hendy 664
YD64523-YD64524	Hendy 123 - Hendy 124	YD65065-YD65082	Hendy 665 - Hendy 682
YD64525-YD64538	Hendy 125 - Hendy 138	YD65083-YD65094	Hendy 683 - Hendy 694
YD64541-YD64582	Hendy 141 - Hendy 182	YD65097-YD65111	Hendy 697 - Hendy 711
YD64583-YD64598	Hendy 183 - Hendy 198	YD65113-YD65114	Hendy 713 - Hendy 714
YD64599-YD64618	Hendy 199 - Hendy 218	YD65115-YD65141	Hendy 715 - Hendy 741
YD64619-YD64650	Hendy 219 - Hendy 250	YE43959-YE43960	Hendy 695 - Hendy 696
YD64653-YD64674	Hendy 253 - Hendy 274	YE26755-YE26756	Hendy 251 - Hendy 252
YD64675-YD64712	Hendy 275 - Hendy 312	YE26704-YE26752	Hendy 74 - Hendy 122
YD64713-YD64838	Hendy 313 - Hendy 438	YE26753-YE26754	Hendy 139 - Hendy 140
YD64839-YD64840	Hendy 439 - Hendy 440	YE30982-YE31000	Hendy 452 - Hendy 470
YD64841-YD64850	Hendy 441 - Hendy 450	YE43957	Hendy 451
YD64901-YD64950	Hendy 501 - Hendy 550	YE43961 - YE43990	Hendy 471 - Hendy 500
YD64951-YD64952	Hendy 551 - Hendy 552	YE43991 - YE43992	Hendy 800 - Hendy 801

DAWSON MINING DISTRICT

Dates Worked: August 29 -31 & September 24 to 29, 2017

NTS Map 115O06, 115O11 and 115O12
UTM 581,000E; 7,045,000N (NAD 83 Zone 7)

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December 15, 2017

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SUMMARY

The Henderson property is an early stage exploration project. Exploration activities in recent years have focused identifying a lode gold source for the significant placer gold operation located at the south end of North Henderson creek. The focus of the 2017 exploration program was to collect soil samples over the northern portion of the property and RAB drill testing two areas of elevated placer production. A total of 28 man days were spent soil sampling and RAB drilling on the property in 2017, excluding mobilization. Soil samples detected a two occurrences of elevated or anomalous gold that warrant follow-up sampling. The RAB drilling was not effective in testing fault structures due to excessive ground water. No anomalous gold was recovered in the RAB sampling.

The Henderson property consisting of 742 quartz claims, is located in west-central Yukon approximately 60 km south of Dawson City, Yukon (Figure 1).

INTRODUCTION

This report describes the soil sampling survey conducted by Coast Mountain Geological Ltd (“Coast Mountain”) and the Rotary Air Blast (“RAB”) drilling performed by Kryotec Arctic Innovation Inc (“Kryotec”) on behalf of Independence Gold Corp. (“InGold”). Sampling was conducted by a four-person crew over three days between August 29 to 31, 2017. RAB drilling was conducted by a three-person crew over 6 days between September 24 to 29, 2017. The author managed the program and reviewed the data. The Statement of Qualifications is contained within this report.

The objective of the soil sampling was to test topographic ridges within the northern portion of the property which has not been previously soil sampled. As well, RAB drilling was planned to test the bedrock and fault structures in two areas near active placer mining. A total of 157 soil samples and 22 rock samples were collected.

All figures and maps are referenced to the 1983 North American Datum (NAD 83), Zone 7.

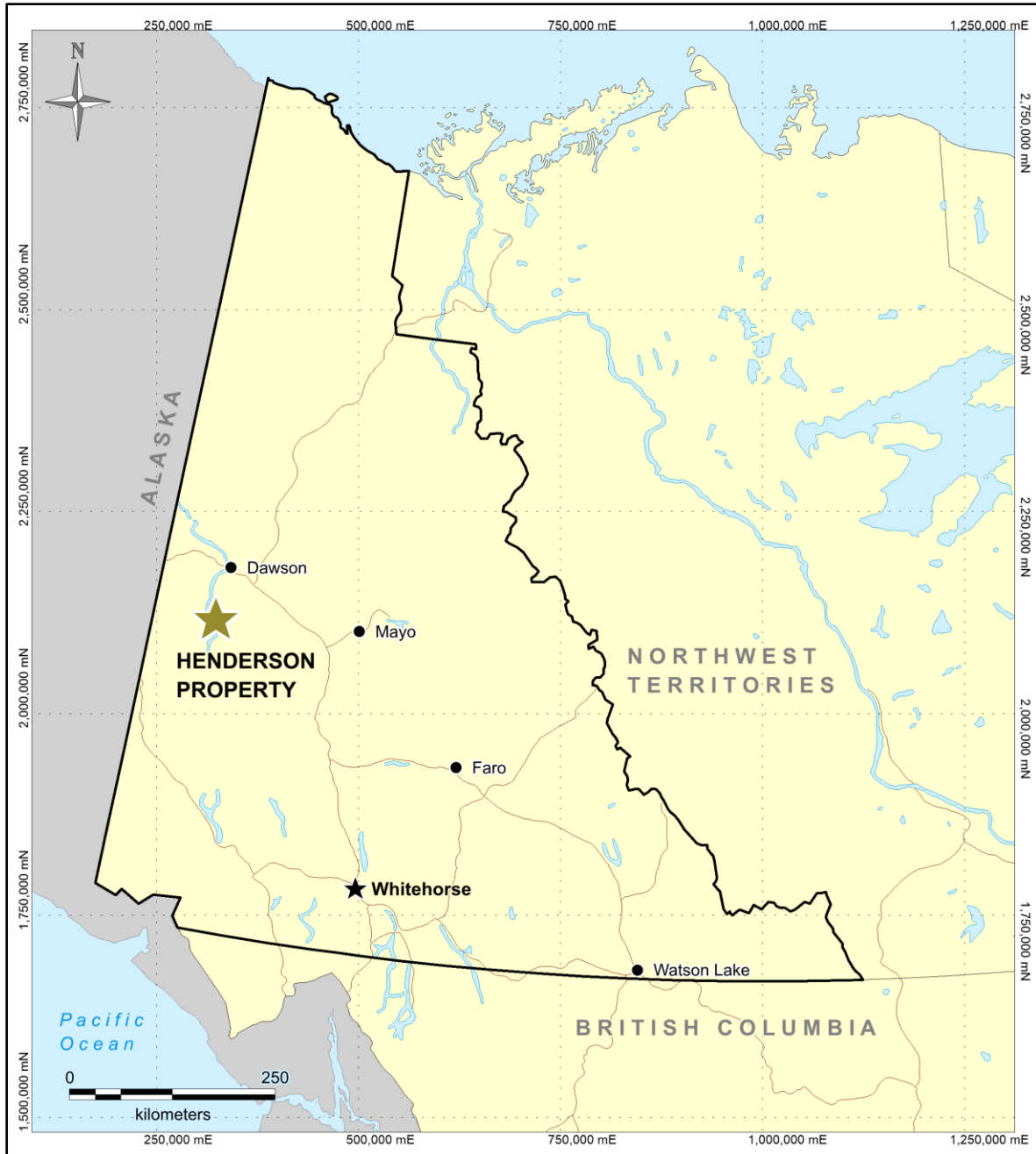


Figure 1 – Location Map

CLAIM DATA AND OWNERSHIP

Silver Quest Resources Ltd. (“Silver Quest”) staked the Hendy claims in 2010 based on gold discoveries in the Dawson Range at that time. The Henderson property comprises 742 contiguous quartz claims covering a total area of 15,500 hectares (ha). The claim block centres on UTM 581,000E and 7,045,000N (NAD 83, Zone 7) on NTS map sheets 115O/06, 11 and 12 as shown on Map 1 and summarized on Figure 2. Quartz claims are registered with the

Dawson Mining Recorder under ownership to Independence Gold Corp. Claim data is listed below.

Table 1 – Henderson Claim Information

Grant Number	Claim Name	Registered Owner/Operator
YD64401-YD64430	Hendy 1 - Hendy 30	Independence Gold Corp.
YD64431-YD64446	Hendy 31 - Hendy 46	Independence Gold Corp.
YD64447-YD64466	Hendy 47 - Hendy 66	Independence Gold Corp.
YD64467-YD64473	Hendy 67 - Hendy 73	Independence Gold Corp.
YD64523-YD64524	Hendy 123 - Hendy 124	Independence Gold Corp.
YD64525-YD64538	Hendy 125 - Hendy 138	Independence Gold Corp.
YD64541-YD64582	Hendy 141 - Hendy 182	Independence Gold Corp.
YD64583-YD64598	Hendy 183 - Hendy 198	Independence Gold Corp.
YD64599-YD64618	Hendy 199 - Hendy 218	Independence Gold Corp.
YD64619-YD64650	Hendy 219 - Hendy 250	Independence Gold Corp.
YD64653-YD64674	Hendy 253 - Hendy 274	Independence Gold Corp.
YD64675-YD64712	Hendy 275 - Hendy 312	Independence Gold Corp.
YD64713-YD64838	Hendy 313 - Hendy 438	Independence Gold Corp.
YD64839-YD64840	Hendy 439 - Hendy 440	Independence Gold Corp.
YD64841-YD64850	Hendy 441 - Hendy 450	Independence Gold Corp.
YD64901-YD64950	Hendy 501 - Hendy 550	Independence Gold Corp.
YD64951-YD64952	Hendy 551 - Hendy 552	Independence Gold Corp.
YD64953-YD64954	Hendy 553 - Hendy 554	Independence Gold Corp.
YD64955-YD65042	Hendy 555 - Hendy 642	Independence Gold Corp.
YD65043-YD65044	Hendy 643 - Hendy 644	Independence Gold Corp.
YD65045-YD65064	Hendy 645 - Hendy 664	Independence Gold Corp.
YD65065-YD65082	Hendy 665 - Hendy 682	Independence Gold Corp.
YD65083-YD65094	Hendy 683 - Hendy 694	Independence Gold Corp.
YD65097-YD65111	Hendy 697 - Hendy 711	Independence Gold Corp.
YD65113-YD65114	Hendy 713 - Hendy 714	Independence Gold Corp.
YD65115-YD65141	Hendy 715 - Hendy 741	Independence Gold Corp.
YE43959-YE43960	Hendy 695 - Hendy 696	Independence Gold Corp.
YE26755-YE26756	Hendy 251 - Hendy 252	Independence Gold Corp.
YE26704-YE26752	Hendy 74 - Hendy 122	Independence Gold Corp.
YE26753-YE26754	Hendy 139 - Hendy 140	Independence Gold Corp.
YE30982-YE31000	Hendy 452 - Hendy 470	Independence Gold Corp.
YE43957	Hendy 451	Independence Gold Corp.
YE43961 - YE43990	Hendy 471 - Hendy 500	Independence Gold Corp.
YE43991 - YE43992	Hendy 800 - Hendy 801	Independence Gold Corp.

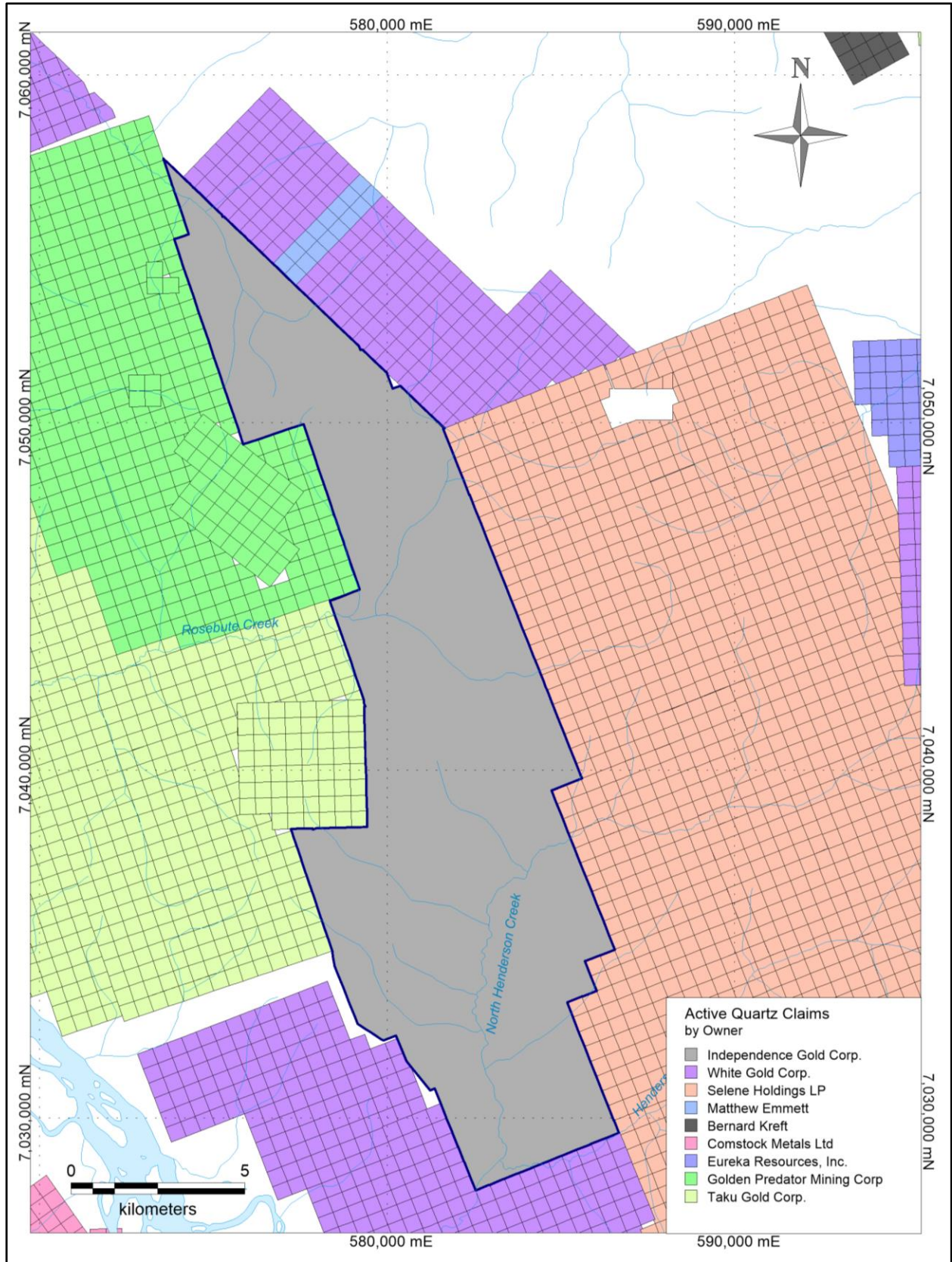


Figure 2 – Henderson Land Tenure

PROPERTY DESCRIPTION

LOCATION

The Henderson property is located in the Henderson Creek area of west-central Yukon, approximately 60 km south of Dawson City, Yukon. The property is east of the Yukon River and north of the Stewart River (Figure 1).

CLIMATE AND GEOMORPHOLOGY

The Henderson property lies within the Dawson Range, an area characterized by its rolling hills. Local elevations range from 400 m to 1,188 metres (m) above sea level. The higher elevation areas of the property, above tree line consist of willow and birch bush covered plateaus. Lower elevations support a mixture of stunted aspen, birch and spruce forest with thick willow and birch brush and a thick layer of moss cover.

Climate in the region is described as sub-arctic with short mild summers and long cold winters. Average regional temperatures range between 5 to 20° C during the summer months and -10 to -30° C in the winter months. Precipitation is common throughout June and July with August generally exhibiting much dryer and sunnier weather. September is typically a transition between summer and winter and can be unpredictable with possible blizzards and freezing temperatures.

Permafrost can be found throughout the geographic region. Due to the mild summer temperatures, permafrost is discontinuous, depending on slope direction, elevation and drainage patterns. Regionally, multiple freeze thaw cycles have resulted in an abundance of felsenmeer covered slopes. 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 AND ACCESS

A relatively well maintained road connects the Klondike highway (the turn off is just east of Dawson City) to the property. The road is a combination of dirt and gravel, maintained and used primarily by local placer miners.

Hayden Cowan, a local placer miner runs the largest placer operation in the area, HC Mining Ltd. He and his family have been working Henderson and North Henderson creeks for the past few decades, and have been particularly active over the last 10 years. Mr. Cowan built a new camp, improved the road system and built an airstrip at this North Henderson operation in 2011.

Access to the Henderson property for the soil sampling portion of exploration in 2017 was via an A-Star B2 helicopter operated by Trans North Helicopters based out of Dawson. The RAB drilling program was based out of HC Mining's camp. The drill was hauled to the site by truck from Dawson.

There are a variety of fixed-wing operators in Dawson City and Whitehorse that are available for hire to transport supplies to other airstrips in the vicinity including the Henderson/JP airstrip or the Thistle airstrip. Supplies would have to be subsequently be mobilized by truck or helicopter to the property.

Alternatively, several barge operators are available for hire to barge supplies up the Yukon River from Whitehorse or Carmacks. A barge landing does not currently exist; however one could be built at the confluence of Henderson creek and the Yukon River with the appropriate permits. Supplies would subsequently need to be mobilized by helicopter to the property or approximately 7 km of road would need to be built to connect the possible barge location to the property.

HISTORY

PREVIOUS WORK

There are no Minfile occurrences or public records of previous hard rock exploration on the Henderson property.

Henderson and North Henderson creeks have both been actively placer mined. Placer mining continued on North Henderson creek during our 2017 exploration program.

RECENT HISTORY

In 2010 Silver Quest hired Equity Exploration Consultants Ltd. to conduct a reconnaissance soil sampling program over the newly staked Hendy claims. A total of 1,056 soil samples were collected at 100 m intervals along 500 m spaced lines (Baker, 2011).

During the 2011 season, Silver Quest with the help of Kryotek Arctic Innovation completed a targeted soil sampling program on the Henderson property. The team collected 3,340 soil samples from 3 areas of the property. Samples were collected in grid formation with 100 m sample spacing. During the 2011 season, Silver Quest also hired Aeroquest Airborne to fly 1,860 line km airborne geophysics including magnetics and radiometrics over the property (Congdon, 2011). Additional soil sampling was completed over areas of interest based on the geophysical interpretation.

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 in a Plan of Arrangement with New Gold Inc. In 2012, InGold conducted detailed geological mapping on an area near the active placer mining operations, collecting 61 rock samples and 9 silt samples. A series of 'step-stair' faults shear zones were identified below the creek (Johnston, 2012).

GEOLOGICAL SETTING

REGIONAL GEOLOGY

Henderson is situated within the Yukon-Tanana Terrane approximately 75 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 Henderson property is underlain almost entirely by Devonian to Mississippian, K-feldspar rich, granitic orthogneiss and quartz-mica schist belonging to the Simpson Range Plutonic Suite (Grodey and Ryan, 2005). Detail mapping at a scale of 1:5,000 was completed by Phil Seccombe in 2012 (Johnston, 2012). Seccombe focused on an area approximately 4 km long (north-south) and 1 km wide (east-west), located at the south end of the Henderson property and centred on North Henderson creek. Four units were identified, granite gneiss (orthogneiss), quartz-biotite gneiss (paragneiss), quartz-biotite schist, and marble. Gneissic rocks underlie approximately three-quarters of the mapped area, while the schist and marble units occupy the south-eastern corner of the mapping area. A number of brittle faults throughout the area were observed with northeast, east-northeast, and northwest orientations including a series of 'step-stair' intersecting faults and shear zones identified below the creek, resulting in increased alteration and oxidation zones at each intersection point.

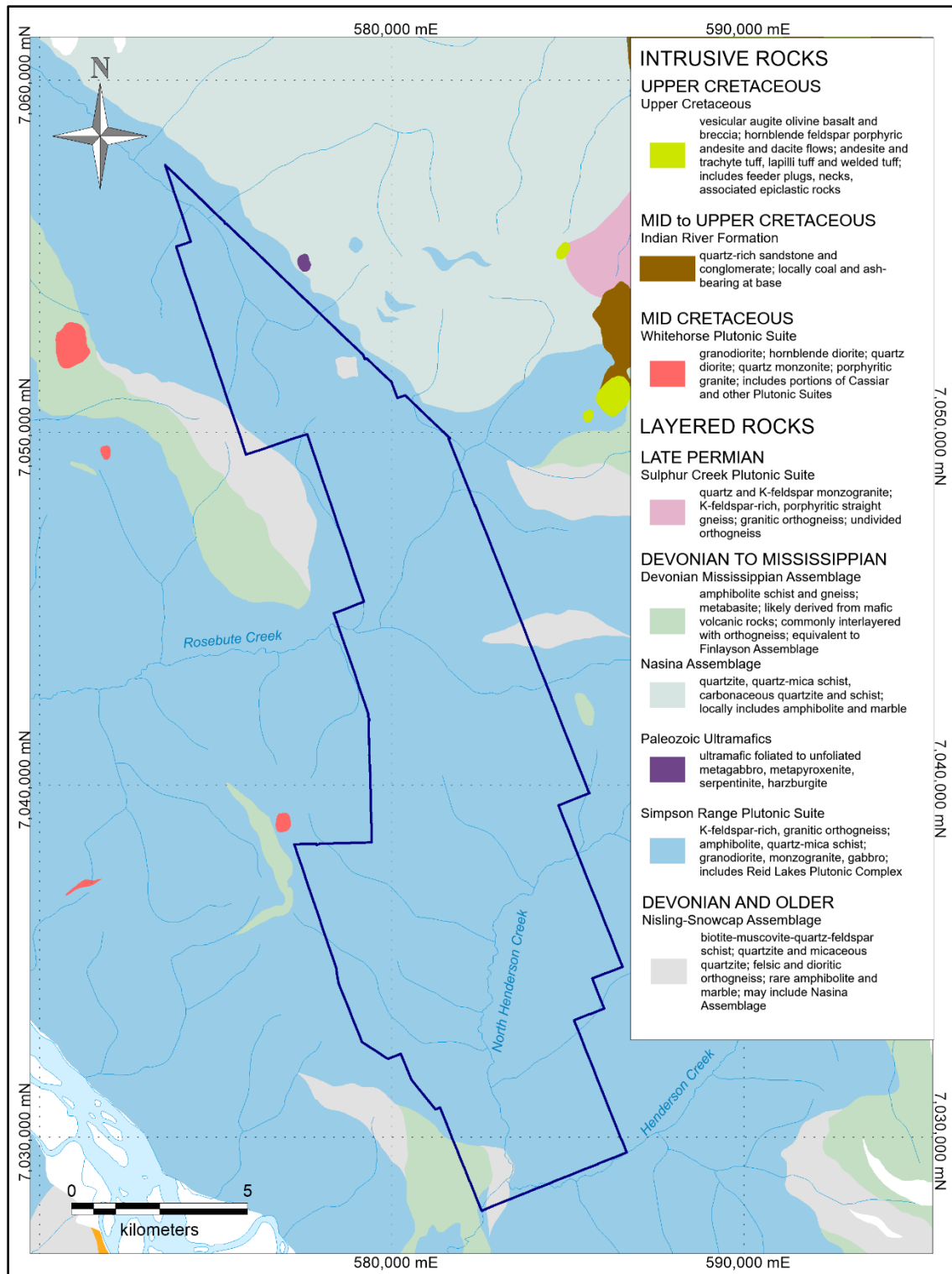


Figure 3 – Regional Geology

2017 WORK PROGRAM

SOIL SAMPLING

Coast Mountain Geological Ltd 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 Henderson property each day, dropped off for the day and picked up at the end of the day. The program was completed in three days (August 29 to 31, 2017) by a crew of four samplers. The crew collected 157 samples at 100 m intervals along ridges on the northern portion of the property that had not previously been 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 day 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. Sampling locations are shown on Figure 4 and Map 2.

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.

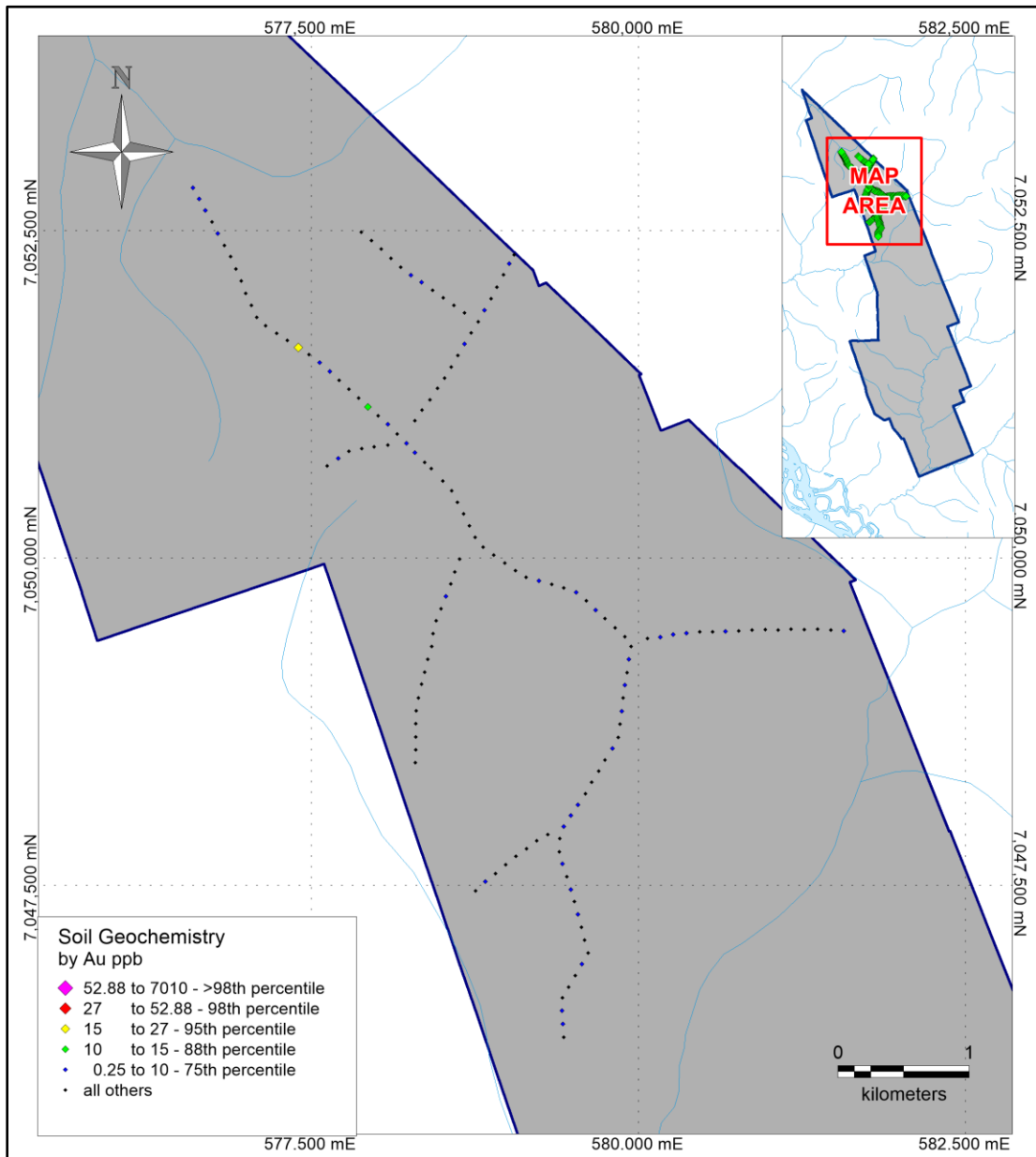


Figure 4 – Henderson 2017 Soil Gold Geochemistry

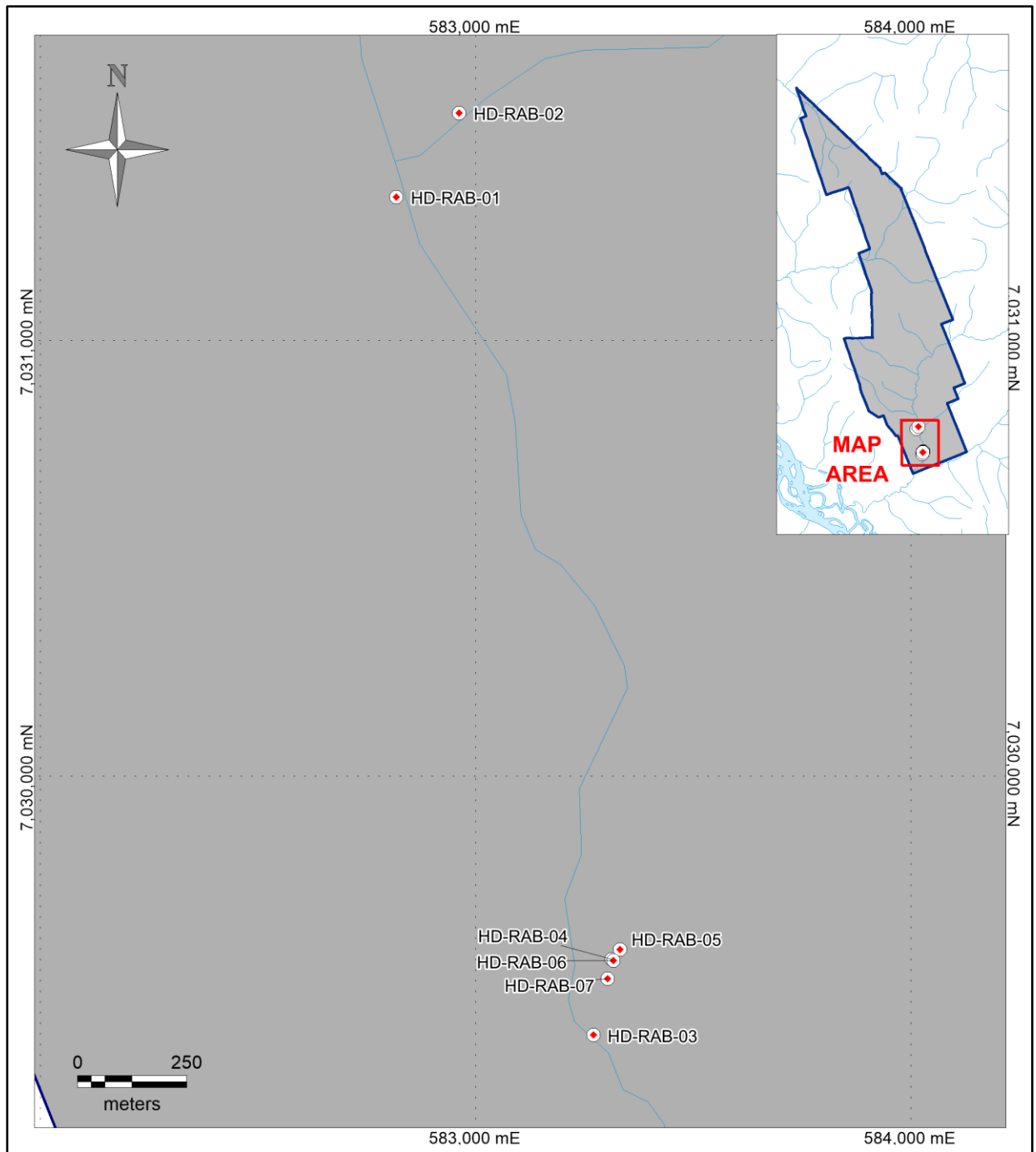


Figure 5 – Henderson RAB Drill Site Locations

RAB DRILLING

Kryotec Arctic Innovation was contracted by InGold to drill test two areas mapped in 2012 along North Henderson Creek in the southern part of the Henderson property. Kryotec mobilized a RAB drill to the property to recover rock samples at locations preselected by InGold along existing roads. Kryotec uses a track mounted Fecon GL300 Air Rotary drill. The drill has a

modest footprint and exerts 4.5 PSI ground pressure. The system is capable of drilling to 100m depth but only 60m of rods were supplied.

Kryotec's three-man crew was based out of HC Mining's camp. The drill program was conducted between September 24 – 29, 2017. Seven drill holes were completed for 220m collecting rock samples from 174m (116 rock samples). Difficulties were encountered with groundwater resulting in no samples from one drill hole (HDRAB17-01) and three holes were prematurely ended due to excessive groundwater (HDRAB17-02, 03 & 05). Mechanical difficulties were also encountered while drilling two other holes (HDRAB17-04 & 07) and ultimately ended the program.

Kryotec's personnel are trained to operate the system and collect quality rock samples. The RAB drill uses a downhole hammer system and carbide percussion drill bit to pound and grind the bedrock producing chips and rock dust that is blown up to the surface between the drill rods and borehole wall. Each drill rod is 5 feet in length (1.52m) and represent one sample. Rock cuttings are collected from the cyclone into a plastic bucket. The rock cuttings are collected in a prelabelled poly ore bag for submittal to the laboratory. Representative rock chips are sieved from each sample intervals and placed in a chip tray for logging. All rock intervals were logged by InGold geologist Bruce Kienlen at InGold's Vancouver office following the program.

Drill hole collar locations were recorded using a hand-held GPS and coordinates are referenced to the 1983 North American Datum (NAD 83), Zone 7. Figures 5, 6 and 7 show the drill collar locations relative to the property and local geology. Drill logs are provided in Appendix 2.

Samples were submitted to SGS Canada Inc. laboratory facility in Vancouver, an ISO 17025 certified facility. Received samples were weighed, dried and crushed to 75% passing 2mm, A 250 g split is then pulverized to 85% passing 75 microns. A 0.25 g aliquot from each sample was analysed by aqua regia digestion and inductively coupled plasma Optical Emission Spectrometer (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 3.

QUALITY ASSURANCE/QUALITY CONTROL

Quality Assurance-Quality Control prepared standards, purchased from CDN Resource Laboratories, were submitted along with the rocks samples collected by the RAB drill. Gold standards (CND-GS-1T) were submitted as samples D00030060, D00030090, D00030130 and D00030330 and blank standards (CDN-BL-10) were submitted as samples D00030080, D00030120 and D00030320. The values from these gold standards were used to check the consistency of the analytical procedures used by SGS Canada Inc and blanks were used to check for contamination between samples. 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 (QAQC) samples for the Henderson property passed without any significant concerns.

DISCUSSIONS AND CONCLUSIONS

Soil geochemical survey results from the Henderson property were thematically mapped based on the geochemical statistics shown in Table 3 calculated using InGold's White Gold district soil database. Of the 157 soil sample results from the 2017 Henderson sampling, 2 samples returned anomalous Au concentrations of ≥ 10 ppb (75th percentile), including one sample above the 88th percentile (see Figure 4). Eighteen samples returned As concentrations ≥ 10 ppm (75th percentile). Three samples returned Ag concentrations ≥ 0.2 ppm including one sample with 0.36 ppm (>88th percentile). Samples returned a higher percentage of anomalous Cu and Zn concentrations; Cu is moderately to strongly elevated along the southwestern ridges whereas Zn is moderately to strongly elevated on the western, central and northern ridges.

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
Ag (ppm)	0.23 ppm	0.37 ppm	0.59 ppm	0.98 ppm
Cu (ppm)	37.2 ppm	49.7 ppm	68.5 ppm	98.5 ppm
Zn (ppm)	81 ppm	99 ppm	126 ppm	164 ppm

The lack of contiguous samples with anomalous Au is discouraging. However, the sample that returned Au above the 88th percentile should be followed up with detailed grid soil samples.

The RAB drilling attempted to test areas along North Henderson Creek where placer gold nuggets with very brittle features were recovered. The drill targets were lithological units and faults recognized in the 2012 mapping (Johnston, 2012). RAB collar locations and local geology are shown in Figures 5 and 6.

The RAB drill was not capable of testing the targeted fault structures and lithology in the north area of interest because of excessive ground water. The first hole, HD-RAB17-01, failed to recover any rock samples and was abandoned at 7.5m depth. The second drill hole, HD-RAB17-02, attempted to test a granitic dyke mapped in 2012 (Johnston, 2012) with a vertical hole. This hole was ended at 15m due to excess groundwater and collapsing hole conditions. Rock chips recovered from HD-RAB17-02 are composed of predominately orange feldspars with ~20% quartz, minor fine opaque minerals (biotite?), trace muscovite, and possible red garnet. There is a weak, patchy clay alteration on feldspars. Most chips are feldspar crystals but a few are composed of multiple minerals and show a moderate foliation. No anomalous Au or associated pathfinder elements were returned from rock chip samples.

Three downhole hammers were damaged while attempting to complete these two holes. This negatively impacted the rest of the drill program.

The RAB drilling moved to the south area of interest for the remaining holes. HD-RAB17-03 attempted to drill across a fault zone encountering competent rock over the initial 3m then highly fractured bedrock, sand and silt to 7.5m where the hole was abandoned due to excessive ground water. No rock chips were retained for chip logging. No anomalous Au or associated pathfinder elements were returned from three rock chip samples which represent 0 - 6.0m.

HD-RAB17-04 attempted to drill across a lithological contact between biotite-quartz schist and quartz-biotite gneiss mapped in 2012 (Johnston, 2012). This hole was abandoned due to collapsing hole conditions when the hammer had to be pulled out due to mechanical problems with the drill. Rock chips recovered from HD-RAB17-04 indicate the drill hole tested a quartz-biotite-phlogopite schist which is weakly oxidized. No anomalous Au or associated pathfinder elements were returned from any rock chip samples from this hole.

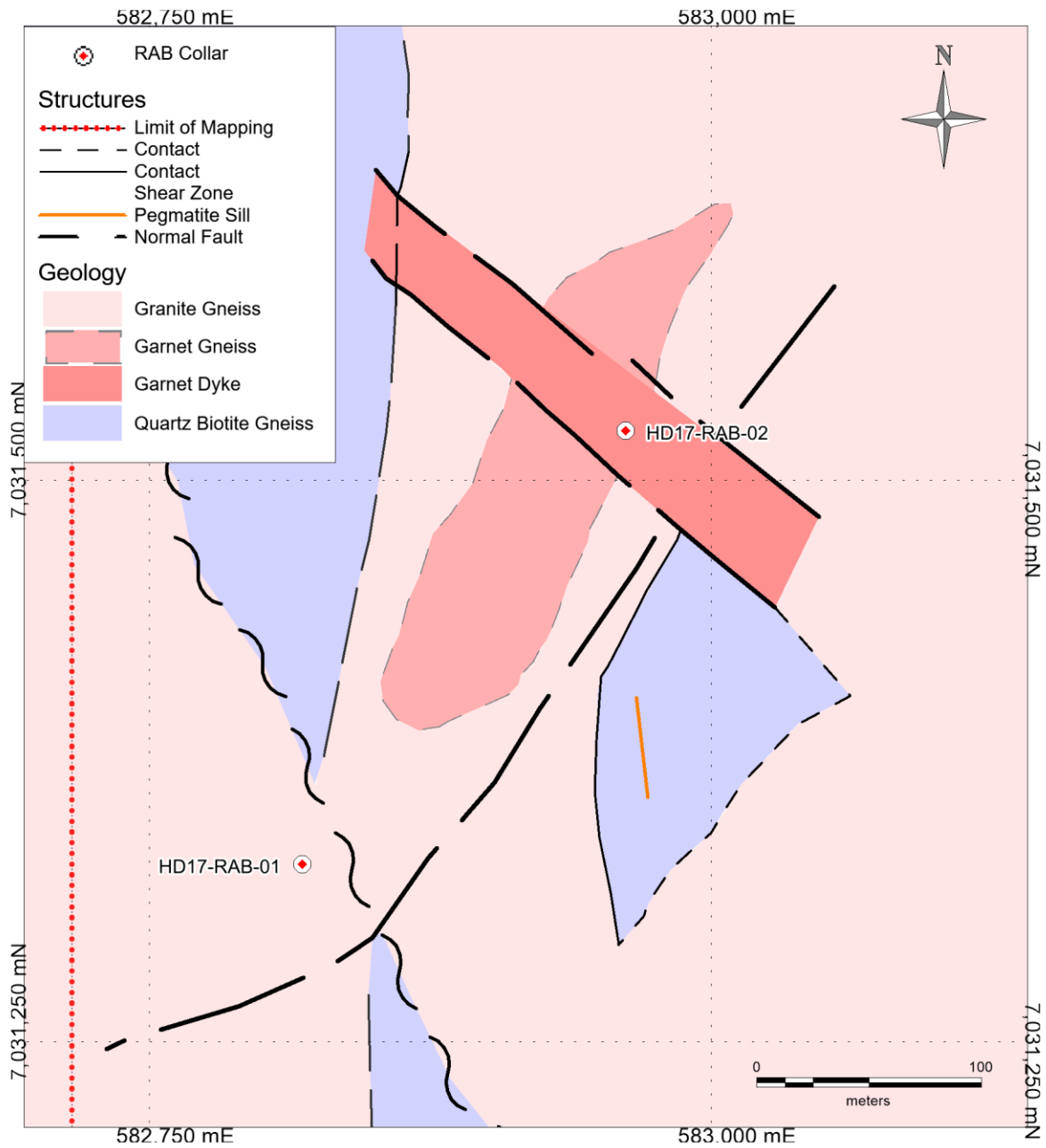


Figure 6 – RAB Drill Holes - North Area

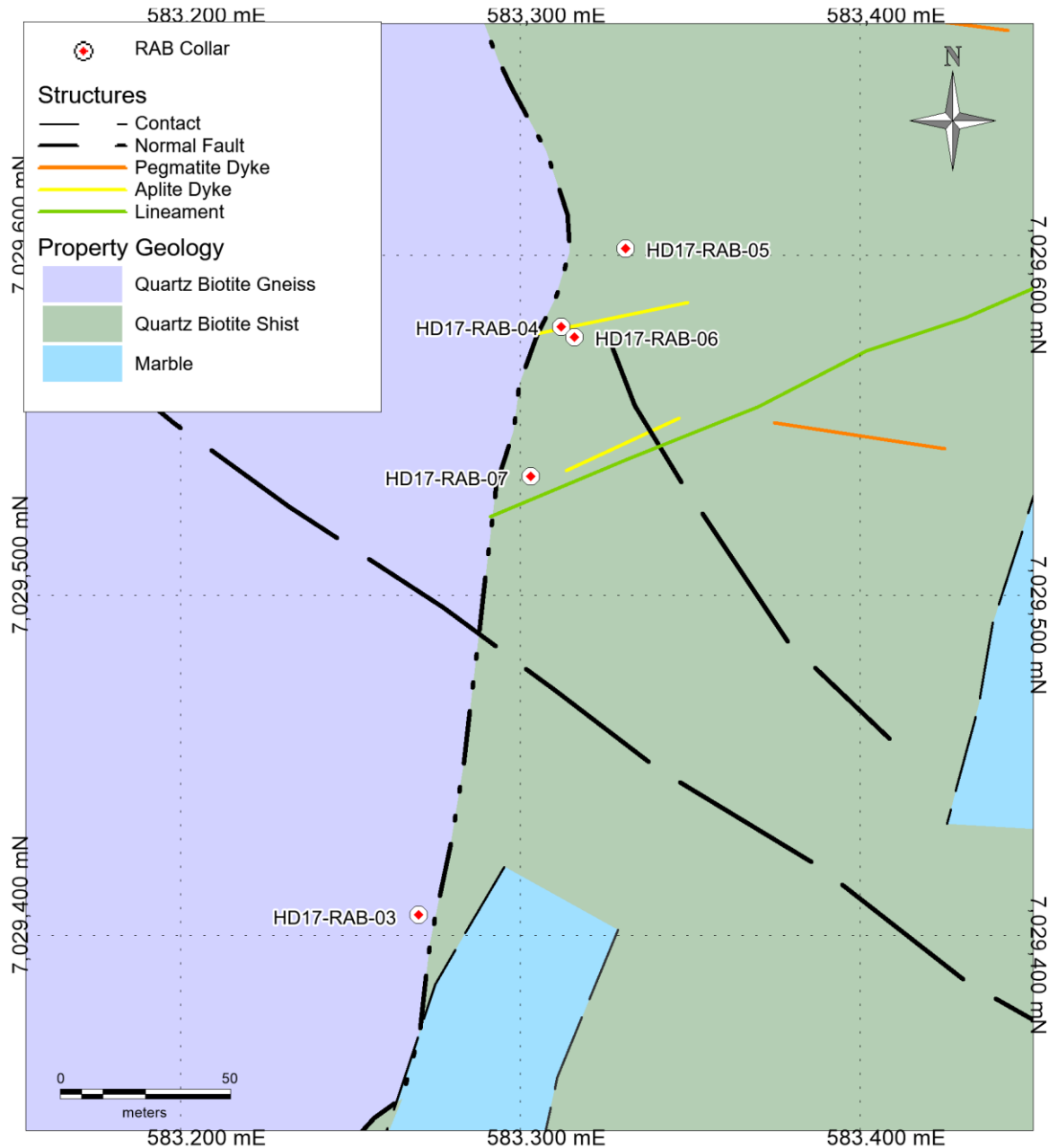


Figure 7 – RAB Drill Holes - South Area

HD-RAB17-05 was planned to test across an interpreted step fault mapped in 2012 (Johnston, 2012). The hole collapsed at 33m and had to be abandoned. Rock chips from HD-RAB17-05 show the drill hole tested a quartz-biotite-phlogopite ± garnet schist which is very weakly oxidized. A rusty fault zone was encountered at approximately 4.5 – 6m and a tan to yellow-cream coloured quartz vein was intersected between roughly 24 – 25.5m. No anomalous Au or associated pathfinder elements were returned from any rock chip samples from this hole.

HD-RAB17-06 attempted to test a lithological contact between biotite-quartz schist and quartz-biotite gneiss mapped in 2012 (Johnston, 2012) and was collared approximately 5m southeast of HD-RAB17-04. HD-RAB17-06 was the most successful drill hole, and managed to drill to a depth of 60m (max drill rods) and recovered 57m of rock chip samples. The bottom two intervals did not recover enough material for samples or for chip logging. Rock chips recovered from HD-RAB17-06 indicate the drill hole tested a quartz-biotite-phlogopite schist. The content of quartz varies throughout the hole, and the rock is weakly chlorite altered deeper (>28.5m) down hole. No anomalous Au or associated pathfinder elements were returned from any rock chip samples from this hole.

HD-RAB17-07 was planned to test the same lithological contact as HD-RAB17-05 and HD-RAB17-06. HD-RAB17-07 drilled 49.5m before becoming jammed in faulted rock. No suitable drill bits were available and the project was terminated. Thirty-five samples were submitted for this hole, two more than expected. The two additional samples were likely recovered while trying to drill deeper and may represent material caving into the hole. Alternatively, the samples may be from one or two lower intervals. Rock chips show the hole tested a light orangy-grey quartz ± feldspar biotite schist to gneiss with weak chlorite and clay alteration. A tan-yellow quartz vein or coarse quartzite (?) was encountered from 44 – 49.5m and it appears the hole ended in this rock. Driller's comments indicate the hole terminated in a fault but there is no evidence of fault gouge or oxidation in the rock chips. No anomalous Au or associated pathfinder elements were returned from any rock chip samples from this hole.

Drill chip logs are provided in Appendix 2 and laboratory results are in Appendix 3.

RECOMMENDATIONS

Due to the presence and characteristics of placer gold found in North Henderson creek, it is believed that there is a nearby lode gold source. Ridge soil sampling in the northern portion of the Henderson property failed to detect significant or contiguous anomalous gold. However, one sample returned Au concentration greater than the 88th percentile as compared to InGold's White Gold District soil database. Detailed 50m x 50m grids are recommended centered over this soil anomaly.

Sample results from the RAB drilling returned no anomalous Au or associated pathfinder elements from any hole. The RAB drilling managed shallow bedrock tests only and is

inadequate for drill testing the faults underlying the south Henderson area. A larger drill is required to test across the mapped faults.

REFERENCES

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Johnston, K., 2012: 2012 Geological Mapping and Sampling on the Henderson Property, Independence Gold Corp; Yukon Mines, Energy and Resources Assessment Report 096397.

Secombe, P.K., 2012: Henderson Geological Notes, Internal Report for Independence Gold Corp.

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.

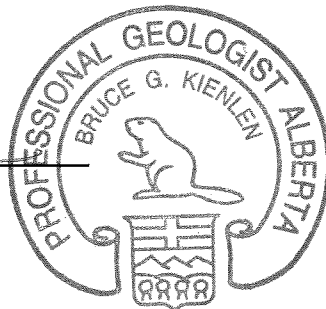
I am currently employed as a Senior Geologist, by Independence Gold Corp. Suite 1020-625 Howe Street, Vancouver, British Columbia, Canada, V6C 2T6.

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

I logged the drill chips and reviewed the soil sample and RAB rock chip 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	157	\$ 23.20	\$ 3,642.40
Sample Shipping	1	\$ 45.78	\$ 45.78
Expediting Services	1	\$ 72.39	\$ 72.39
Sample Supplies	157	\$ 1.74	\$ 272.62
Equipment Rentals	3.6	\$ 191.15	\$ 688.13
Geologist days	14.4	\$ 400.00	\$ 5,760.00
Expenses (travel & accommodations)	14.4	\$ 100.00	\$ 1,440.00
Helicopter Hours (Astar)	3	\$ 1,695.00	\$ 5,085.00
Helicopter Fuel litres (Astar)	525	\$ 1.30	\$ 682.50
Helicopter Hours (Jet Ranger)	2.8	\$ 1,045.00	\$ 2,926.00
Helicopter Fuel litres (Jet Ranger)	319.2	\$ 1.30	\$ 414.96
Subtotal			\$ 21,029.78
RAB Drilling			
Rock Samples Analyzed	120	\$ 27.05	\$ 3,245.81
Kryotec RAB drill hole meters	220	\$ 235.23	\$ 51,750.00
Camp Costs (per man day)	16	\$ 100.00	\$ 1,600.00
Small's Expediting	1	\$ 347.50	\$ 347.50
Sample Shipping	1	\$ 97.87	\$ 97.87
Subtotal			\$ 57,041.18
Chip logging days	5	\$ 500.00	\$ 2,500.00
Interpretation & Report days	8	\$ 500.00	\$ 4,000.00
		Total:	\$ 84,570.96
Claims Worked:	42	\$2,013.59	per claim worked
Claims Grouped:	742	\$113.98	Per claim grouped

Dates worked: August 29 - 31 and September 24-29, 2017

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

Chip logging completed by Independence Gold Corp

APPENDIX 1

**Soil Sampling
Assay Certificates
And Certification**



Certificate of Analysis
Work Order : VC173092
[Report File No.: 0000025276]

Date: October 14, 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_HD_SS1
 Project No.: YK17_HD_SS1
 Samples: 76
 Received: Sep 12, 2017
 Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

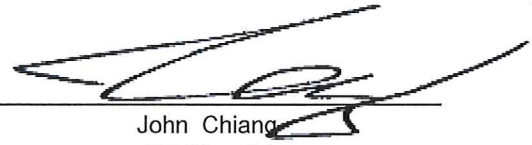
Methods Summary

<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 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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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 %
A00060601	0.470	<5	0.06	1.89	8	153	0.21	0.24
A00060602	0.535	6	0.03	2.28	5	168	0.09	0.26
A00060603	0.600	9	0.07	2.08	8	156	0.14	0.20
A00060604	0.455	7	0.05	2.15	7	120	0.13	0.21
A00060605	0.505	<5	0.05	2.62	5	129	0.08	0.20
A00060606	0.565	<5	0.05	2.35	7	159	0.11	0.27
A00060607	0.505	6	0.04	2.09	4	132	0.12	0.27
A00060608	0.490	<5	0.03	1.92	5	180	0.08	0.28
A00060609	0.545	<5	0.05	2.87	6	187	0.08	0.20
A00060610	0.435	<5	0.03	2.54	12	226	0.15	0.17
A00060611	0.425	<5	0.06	3.76	11	267	0.13	0.15
A00060612	0.470	<5	0.02	2.38	8	156	0.12	0.18
A00060613	0.525	<5	0.08	1.91	7	407	0.12	0.35
A00060614	0.540	<5	0.04	2.90	6	233	0.08	0.43
A00060615	0.495	<5	0.02	3.23	5	302	0.07	0.22
A00060616	0.365	6	0.04	2.41	17	185	0.19	0.15
A00060617	0.615	<5	0.06	2.01	6	157	0.14	0.31
A00060618	0.620	<5	0.05	2.28	9	219	0.23	0.27
A00060619	0.515	6	0.09	1.67	7	160	0.19	0.24
A00060620	0.525	<5	0.07	1.65	9	275	0.18	0.35
A00060621	0.545	9	0.13	1.76	9	293	0.18	0.43
A00060622	0.515	<5	0.07	3.47	1	292	0.16	0.53
A00060623	0.550	<5	0.01	3.75	<1	386	<0.02	0.62
A00060624	0.500	6	0.01	3.67	5	363	0.07	0.35
A00060625	0.465	<5	0.02	3.55	<1	378	0.03	0.54
A00060626	0.380	<5	0.01	2.04	7	190	0.18	0.24
A00060627	0.515	<5	0.05	3.43	2	545	0.16	0.58
A00060628	0.460	<5	0.02	3.51	3	193	0.06	0.30
A00060629	0.485	<5	0.02	3.42	6	283	0.06	0.33
A00060630	0.385	<5	0.05	2.40	11	195	0.20	0.15
A00060631	0.465	<5	0.04	2.50	9	170	0.14	0.30
A00060632	0.545	<5	0.03	3.74	4	263	0.06	0.40
A00060633	0.515	<5	0.06	4.25	5	242	0.05	0.45
A00060634	0.515	<5	0.05	2.79	8	250	0.10	0.31
A00060635	0.455	<5	0.17	2.69	11	184	0.16	0.16
A00060636	0.485	<5	0.04	4.17	2	367	0.03	0.51
A00060637	0.605	<5	0.09	4.10	4	332	0.05	0.50
A00060638	0.605	5	0.03	3.63	4	282	0.05	0.62
A00060639	0.585	<5	0.07	4.01	3	338	0.05	0.29
A00060640	0.450	<5	0.02	2.88	6	204	0.09	0.26

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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 %
A00060641	0.580	<5	<0.01	3.80	2	301	0.04	0.31
A00060642	0.580	<5	0.05	2.58	5	166	0.07	0.34
A00060643	0.550	<5	0.06	4.35	<1	283	0.08	0.52
A00060644	0.540	<5	0.01	3.40	7	187	0.08	0.27
A00060645	0.595	<5	0.04	3.64	2	297	0.03	0.49
A00060646	0.645	<5	0.10	3.92	5	229	0.10	0.27
A00060647	0.580	<5	0.08	1.96	7	182	0.13	0.39
A00060648	0.350	<5	0.09	2.64	6	183	0.13	0.19
A00060649	0.490	<5	0.02	3.31	9	203	0.11	0.21
A00060650	0.560	<5	0.08	1.63	7	224	0.11	0.37
A00060651	0.570	<5	0.01	3.82	3	257	0.04	0.27
A00060652	0.475	7	0.12	1.99	10	193	0.20	0.19
A00060653	0.560	<5	0.02	4.10	6	173	0.04	0.25
A00060654	0.535	<5	0.04	2.14	8	128	0.12	0.22
A00060655	0.545	<5	0.02	2.90	7	201	0.08	0.25
A00060656	0.610	<5	0.04	1.70	9	137	0.15	0.13
A00060657	0.540	<5	0.04	1.97	11	212	0.17	0.23
A00060658	0.560	<5	0.04	2.71	6	213	0.18	0.25
A00060659	0.580	<5	0.11	1.98	9	283	0.14	0.27
A00060660	0.485	<5	0.02	2.28	9	136	0.19	0.19
A00060661	0.530	<5	0.03	2.24	9	160	0.15	0.16
A00060662	0.460	<5	0.03	2.21	14	165	0.17	0.18
A00060663	0.465	7	0.01	2.45	9	209	0.11	0.22
A00060664	0.555	5	0.02	2.33	9	164	0.14	0.22
A00060665	0.565	<5	<0.01	3.38	5	188	0.05	0.20
A00060666	0.495	<5	0.02	1.93	8	105	0.19	0.10
A00060667	0.480	<5	0.02	2.17	11	251	0.20	0.20
A00060668	0.565	<5	0.03	3.88	3	90	0.18	0.18
A00060669	0.605	<5	<0.01	3.52	6	220	0.06	0.24
A00060670	0.575	8	0.03	2.76	10	114	0.14	0.12
A00060671	0.565	<5	0.06	3.43	5	133	0.06	0.12
A00060672	0.580	6	0.05	1.97	10	279	0.14	0.36
A00060673	0.530	<5	0.02	2.74	4	203	0.18	0.28
A00060674	0.495	12	0.05	1.89	10	157	0.19	0.17
A00060675	0.495	<5	0.02	1.99	10	168	0.14	0.18
A00060676	0.630	<5	0.03	1.41	5	124	0.12	0.17
*Rep A00060617			0.05	1.91	6	154	0.16	0.30
*Rep A00060621			0.13	1.83	10	290	0.20	0.43
*Rep A00060657			0.04	1.94	11	200	0.15	0.23
*Rep A00060661			0.02	2.23	10	169	0.16	0.16

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Report File No.: 0000025276

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		0.27	1.10	1130	70	0.06	1.39
*Std OREAS151B		0.56	2.51	33	68	0.40	1.40
*Std OREAS902		0.30	0.52	612	15	8.82	4.03
*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 A00060613	<5						
*Rep A00060634	<5						
*Rep A00060672	<5						
*Std OREAS151B	71						
*Std OXN117	7870						
*Std OREAS251	521						
*Blk BLANK	<5						
*Blk BLANK	<5						

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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
A00060601	0.11	31.0	9.2	36	22.8	2.92	6.5	0.03
A00060602	0.08	39.3	12.7	26	15.4	3.69	7.3	0.01
A00060603	0.10	39.2	10.1	27	17.1	3.05	6.5	0.03
A00060604	0.08	19.0	9.4	26	12.5	3.41	7.4	0.02
A00060605	0.06	21.5	12.3	20	10.6	3.83	7.8	<0.01
A00060606	0.07	34.8	11.3	23	12.6	3.94	8.2	0.01
A00060607	0.07	23.3	10.9	18	11.6	3.50	9.6	0.02
A00060608	0.04	40.9	9.7	22	16.7	3.15	6.7	0.01
A00060609	0.05	33.8	17.5	14	31.9	7.01	12.7	0.01
A00060610	0.07	28.2	11.3	34	21.2	3.54	6.6	0.03
A00060611	0.10	21.4	16.6	34	19.9	4.79	8.8	0.02
A00060612	0.03	41.1	10.9	29	25.3	4.28	7.8	0.02
A00060613	0.05	31.7	11.8	30	34.6	2.98	5.3	0.04
A00060614	0.08	17.6	22.2	35	49.6	4.72	7.7	0.01
A00060615	0.05	12.6	15.6	24	18.6	5.33	11.0	<0.01
A00060616	0.08	24.3	12.9	40	20.2	3.55	6.1	0.05
A00060617	0.03	49.0	9.0	28	22.3	2.97	6.3	0.02
A00060618	0.07	63.0	10.1	35	25.3	3.27	7.2	0.04
A00060619	0.08	62.4	7.6	30	20.1	2.53	5.5	0.03
A00060620	0.12	36.5	8.3	33	26.5	2.70	5.0	0.03
A00060621	0.12	32.3	7.7	34	26.3	2.74	5.5	0.07
A00060622	0.10	59.4	27.0	39	30.4	5.48	10.4	<0.01
A00060623	0.04	32.6	32.0	47	36.6	6.08	10.6	<0.01
A00060624	0.05	32.4	25.7	46	48.0	5.16	8.4	0.01
A00060625	0.02	26.4	24.3	36	28.3	5.29	9.9	<0.01
A00060626	0.05	41.7	7.4	26	17.1	2.18	5.3	0.02
A00060627	0.42	19.0	24.6	40	116	4.43	7.7	<0.01
A00060628	0.07	81.3	21.6	37	21.8	4.79	10.3	0.03
A00060629	0.07	30.7	25.3	46	42.4	5.18	8.1	0.01
A00060630	0.10	26.8	8.5	37	16.4	3.49	7.9	0.03
A00060631	0.07	16.7	13.0	33	16.6	3.41	7.1	0.01
A00060632	0.03	42.8	27.8	44	64.6	5.75	12.0	<0.01
A00060633	0.05	7.41	27.1	53	93.6	6.13	10.5	0.01
A00060634	0.05	13.1	14.5	31	20.3	3.98	7.3	0.01
A00060635	0.08	18.3	13.9	45	40.5	3.85	6.8	0.03
A00060636	0.06	16.1	31.5	50	54.8	6.01	10.8	<0.01
A00060637	0.05	8.32	27.4	50	64.3	5.51	10.3	0.01
A00060638	0.04	15.4	23.2	49	42.0	5.24	9.9	<0.01
A00060639	0.07	9.33	27.4	45	32.3	5.48	10.1	<0.01
A00060640	0.12	17.2	18.4	37	33.6	4.13	8.0	0.01

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	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
A00060641	0.08	13.7	27.3	47	31.6	5.42	9.5	<0.01
A00060642	0.05	15.2	18.0	37	19.4	3.87	7.8	<0.01
A00060643	0.04	36.3	28.9	52	126	5.62	10.4	<0.01
A00060644	0.07	15.7	24.5	47	42.7	5.04	8.1	0.01
A00060645	0.03	21.0	26.8	41	20.0	5.20	9.6	<0.01
A00060646	0.07	35.0	21.9	45	38.7	5.09	11.0	0.01
A00060647	0.04	34.2	9.7	35	34.6	2.82	5.6	0.11
A00060648	0.12	14.9	13.4	38	14.2	3.61	8.8	0.02
A00060649	0.06	12.6	18.1	46	21.7	4.49	8.4	<0.01
A00060650	0.04	29.5	9.7	32	26.7	2.64	4.7	0.07
A00060651	0.09	13.1	29.4	47	37.8	5.37	9.3	0.01
A00060652	0.07	28.2	7.8	39	25.7	2.95	6.5	0.02
A00060653	0.13	15.5	29.1	40	27.3	6.29	9.7	0.05
A00060654	0.07	23.7	12.1	28	16.5	3.77	7.4	0.06
A00060655	0.09	41.2	19.2	37	22.7	4.28	7.9	0.04
A00060656	0.17	51.5	9.9	32	18.7	2.90	5.7	0.05
A00060657	0.06	54.8	10.7	33	27.2	3.13	5.8	0.03
A00060658	0.05	67.1	13.5	22	39.9	4.21	10.3	<0.01
A00060659	0.05	49.8	11.3	30	42.2	3.09	6.1	0.02
A00060660	0.08	32.8	8.9	27	17.7	3.17	7.5	0.01
A00060661	0.10	63.1	11.1	31	22.0	3.22	6.5	0.01
A00060662	0.07	41.5	10.6	34	20.6	3.30	5.9	0.07
A00060663	0.09	28.3	13.3	29	18.6	3.39	6.5	0.04
A00060664	0.09	36.8	12.2	35	19.4	3.24	6.2	0.03
A00060665	0.09	76.4	17.1	18	15.2	4.73	11.2	<0.01
A00060666	0.07	87.4	9.1	24	15.7	3.29	8.0	<0.01
A00060667	0.08	51.2	12.2	38	30.3	3.07	6.2	0.03
A00060668	0.10	37.4	27.7	35	33.9	5.08	11.1	<0.01
A00060669	0.07	43.6	24.0	38	50.0	4.79	8.6	<0.01
A00060670	0.08	17.4	14.7	36	13.6	4.24	7.6	0.02
A00060671	0.10	75.3	12.5	18	16.4	4.52	12.2	<0.01
A00060672	0.09	58.8	12.6	30	27.9	3.66	6.5	0.05
A00060673	0.09	79.6	12.8	17	18.9	4.67	11.0	0.04
A00060674	0.11	74.5	10.1	30	19.6	3.39	7.6	0.05
A00060675	0.08	32.0	10.9	30	17.1	3.02	5.7	0.05
A00060676	0.10	51.4	7.1	23	15.6	2.36	5.1	0.04
*Rep A00060617	0.03	48.0	8.5	28	21.7	2.96	6.1	0.03
*Rep A00060621	0.13	33.9	8.0	35	26.8	2.79	5.7	0.05
*Rep A00060657	0.06	55.0	11.1	31	27.6	3.01	5.6	0.02
*Rep A00060661	0.12	64.2	11.1	32	22.7	3.43	6.7	0.03

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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	0.05	0.1	1	0.5	0.01	0.1	0.01
	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
*Std OREAS209	0.07	25.7	29.4	42	75.9	6.25	3.7	<0.01
*Std OREAS151B	0.60	14.8	11.8	30	1780	3.29	7.4	0.01
*Std OREAS902	0.02	30.5	992	24	2940	3.09	1.4	0.06
*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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Element Method Def.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
A00060601	0.15	17.7	0.63	368	0.87	0.01	22.2	560
A00060602	0.50	25.6	0.98	661	0.77	0.02	16.3	350
A00060603	0.17	23.4	0.64	397	1.00	0.02	16.7	440
A00060604	0.19	10.2	0.72	419	4.14	0.02	14.5	340
A00060605	0.39	13.4	0.94	567	2.64	0.02	11.2	350
A00060606	0.33	21.4	1.02	534	1.24	0.02	13.6	510
A00060607	0.56	12.5	0.84	685	1.25	0.02	8.6	560
A00060608	0.36	25.4	0.80	457	1.38	0.02	13.3	530
A00060609	1.00	19.0	1.24	899	4.73	0.02	6.2	1080
A00060610	0.21	15.3	0.69	419	1.21	0.02	20.7	330
A00060611	0.46	10.3	0.96	567	1.27	0.02	25.5	290
A00060612	0.25	22.8	0.96	378	0.85	0.02	16.0	250
A00060613	0.12	16.4	0.75	336	0.71	0.02	21.2	460
A00060614	0.56	7.0	1.59	623	1.60	0.03	17.1	810
A00060615	1.19	6.2	1.33	732	1.24	0.02	12.2	500
A00060616	0.14	11.2	0.54	288	1.17	0.02	25.4	360
A00060617	0.19	39.6	0.64	412	1.53	0.02	15.7	430
A00060618	0.12	39.1	0.57	463	1.15	0.02	19.6	450
A00060619	0.08	39.6	0.45	333	0.92	0.02	15.6	400
A00060620	0.06	20.6	0.53	329	0.91	0.02	21.9	570
A00060621	0.05	17.6	0.53	251	0.81	0.02	23.4	650
A00060622	1.77	32.1	2.10	1720	0.38	0.02	17.7	860
A00060623	1.48	15.9	2.54	1730	0.47	0.02	17.9	890
A00060624	0.75	15.3	1.80	791	1.06	0.02	19.6	440
A00060625	1.67	9.9	2.23	1320	0.21	0.02	15.6	720
A00060626	0.05	27.1	0.39	377	0.74	0.02	15.4	180
A00060627	0.66	12.6	1.86	1160	0.58	0.03	18.2	610
A00060628	1.30	62.0	1.86	1110	0.72	0.02	15.5	250
A00060629	0.83	26.6	2.01	805	1.08	0.02	21.5	350
A00060630	0.06	13.5	0.48	256	1.41	0.02	21.4	300
A00060631	0.35	8.5	0.87	569	1.19	0.02	16.4	330
A00060632	1.33	20.4	2.43	910	2.27	0.02	20.7	410
A00060633	1.48	4.1	2.55	887	1.51	0.02	20.5	450
A00060634	0.73	7.2	1.54	570	0.81	0.02	16.7	390
A00060635	0.29	9.6	0.97	416	1.34	0.02	22.2	230
A00060636	2.02	7.5	2.85	1430	0.69	0.02	16.9	860
A00060637	1.11	4.7	2.42	803	0.86	0.02	19.8	350
A00060638	0.78	8.7	2.16	1030	1.18	0.03	17.6	440
A00060639	1.23	6.0	2.57	1130	0.67	0.02	18.3	300
A00060640	0.71	9.2	1.54	628	0.76	0.02	19.1	400

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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
A00060641	1.45	8.5	2.49	969	0.53	0.02	18.0	200
A00060642	0.79	8.4	1.64	593	0.56	0.02	16.4	430
A00060643	1.90	30.8	3.26	1150	0.54	0.03	15.6	570
A00060644	0.62	8.4	1.82	697	1.12	0.02	22.0	270
A00060645	1.21	13.3	2.58	839	0.76	0.02	15.9	440
A00060646	1.28	19.9	2.09	921	0.77	0.02	15.7	250
A00060647	0.14	20.0	0.82	284	0.72	0.02	20.7	560
A00060648	0.13	7.8	0.98	604	0.84	0.02	16.1	400
A00060649	0.59	6.9	1.65	609	1.07	0.02	20.6	300
A00060650	0.13	15.7	0.76	305	0.52	0.02	21.1	780
A00060651	1.31	7.8	2.25	931	0.78	0.02	17.5	490
A00060652	0.11	16.7	0.61	234	1.03	0.02	18.8	440
A00060653	0.77	7.3	2.09	891	0.92	0.02	17.6	310
A00060654	0.44	11.7	1.02	523	0.95	0.02	13.5	220
A00060655	0.52	28.4	1.44	639	0.64	0.02	17.3	210
A00060656	0.07	22.4	0.43	641	1.23	0.02	20.1	410
A00060657	0.09	31.1	0.57	450	0.93	0.02	21.5	520
A00060658	0.67	43.4	1.07	750	1.84	0.02	14.6	570
A00060659	0.17	27.5	0.70	430	2.14	0.02	22.7	500
A00060660	0.17	15.9	0.62	339	1.03	0.02	13.9	590
A00060661	0.15	28.9	0.63	433	0.92	0.02	19.6	400
A00060662	0.07	25.1	0.57	407	0.92	0.02	20.2	470
A00060663	0.24	15.0	0.71	568	0.83	0.02	19.8	650
A00060664	0.12	21.7	0.67	431	1.00	0.02	30.8	570
A00060665	1.12	29.3	1.26	968	0.55	0.02	12.6	340
A00060666	0.14	18.1	0.54	511	2.86	0.02	13.2	330
A00060667	0.07	23.6	0.60	449	1.28	0.02	25.1	410
A00060668	0.53	6.9	1.87	1320	0.86	0.02	12.7	330
A00060669	0.83	19.5	2.02	721	0.62	0.02	19.1	290
A00060670	0.27	8.0	1.08	492	1.31	0.01	16.1	430
A00060671	0.76	22.1	1.00	676	0.80	0.02	10.6	280
A00060672	0.25	28.9	0.82	656	0.76	0.02	24.8	720
A00060673	0.98	49.3	1.13	866	0.57	0.02	11.7	740
A00060674	0.13	57.1	0.46	672	1.44	0.02	17.4	630
A00060675	0.07	18.2	0.48	430	1.00	0.02	21.3	410
A00060676	0.10	32.2	0.40	379	0.90	0.02	14.3	400
*Rep A00060617	0.19	39.0	0.62	409	1.44	0.02	15.6	410
*Rep A00060621	0.06	18.6	0.54	262	0.87	0.02	24.2	660
*Rep A00060657	0.10	30.2	0.60	430	0.88	0.02	21.3	520
*Rep A00060661	0.15	29.5	0.60	468	0.99	0.02	19.9	410

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Report File No.: 0000025276

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
Def.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	13.2	2.31	1430	1.99	0.16	122	1630
*Std OREAS151B	0.42	6.8	1.46	287	57.6	0.18	15.5	520
*Std OREAS902	0.28	14.6	2.24	478	12.1	0.02	170	670
*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	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 %
A00060601	8.2	21.6	0.44	2.9	0.5	20.1	1.5	0.10
A00060602	5.4	62.6	0.30	4.0	0.6	20.8	10.8	0.20
A00060603	7.5	25.8	0.36	3.9	0.5	15.5	8.3	0.14
A00060604	7.1	28.7	0.35	3.2	0.5	15.7	5.8	0.16
A00060605	5.7	53.4	0.25	3.1	0.5	14.2	7.6	0.22
A00060606	6.9	42.0	0.22	5.7	0.7	17.9	10.2	0.17
A00060607	6.2	55.2	0.16	5.1	0.7	18.5	5.5	0.19
A00060608	5.3	36.7	0.25	4.9	0.4	19.9	8.3	0.17
A00060609	5.0	73.6	0.24	14.8	1.3	12.8	9.1	0.25
A00060610	8.8	24.0	0.49	4.9	0.5	16.9	13.1	0.13
A00060611	8.1	51.5	0.51	4.3	0.5	14.4	8.5	0.21
A00060612	6.6	21.5	0.44	10.0	0.6	17.7	9.8	0.11
A00060613	6.7	15.2	0.40	5.8	0.4	27.9	4.9	0.15
A00060614	4.8	42.4	0.29	4.7	<0.3	22.2	6.2	0.25
A00060615	5.3	81.9	0.22	7.2	0.7	14.4	4.1	0.34
A00060616	10.2	17.7	0.55	3.6	2.3	13.8	6.1	0.10
A00060617	6.9	30.8	0.39	5.1	0.7	22.5	11.0	0.14
A00060618	10.3	24.1	0.52	6.9	0.8	22.4	14.3	0.11
A00060619	10.7	16.9	0.43	4.8	0.6	19.5	9.6	0.10
A00060620	9.9	11.0	0.58	5.1	0.5	26.3	7.3	0.10
A00060621	9.8	9.3	0.55	5.0	0.5	29.7	4.7	0.08
A00060622	5.5	146	0.14	9.9	0.7	24.7	15.7	0.29
A00060623	1.8	104	0.06	7.5	<0.3	35.0	12.0	0.27
A00060624	4.2	60.1	0.28	6.7	0.3	21.3	7.8	0.28
A00060625	2.5	148	0.12	7.6	0.9	29.7	13.1	0.28
A00060626	9.9	7.9	0.41	4.2	0.6	19.7	15.8	0.05
A00060627	13.4	47.0	0.30	7.2	0.5	42.1	9.8	0.19
A00060628	3.9	166	0.22	4.8	0.7	19.4	16.6	0.29
A00060629	4.6	66.2	0.29	5.1	0.4	27.7	8.2	0.27
A00060630	11.0	12.5	0.60	3.8	0.7	14.7	6.1	0.10
A00060631	7.5	42.9	0.40	2.8	2.8	26.7	4.3	0.15
A00060632	3.6	101	0.25	5.2	0.4	24.4	5.9	0.32
A00060633	4.1	106	0.22	5.1	0.3	27.3	4.1	0.32
A00060634	6.3	45.2	0.34	3.2	0.3	32.1	2.8	0.23
A00060635	8.5	30.3	0.54	3.8	0.5	14.8	6.7	0.16
A00060636	2.0	148	0.08	3.7	0.3	25.8	5.4	0.38
A00060637	4.2	74.5	0.16	4.4	0.4	29.9	4.2	0.37
A00060638	3.9	49.3	0.18	5.4	0.4	40.2	4.1	0.32
A00060639	3.8	91.3	0.12	3.5	0.5	19.8	4.7	0.37
A00060640	5.3	55.9	0.24	3.9	0.4	18.5	8.2	0.22

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Element Method Det.Lim. Units	Pb	Rb	Sb	Sc	Sn	Sr	Th	Ti
	GE_IMS14B 0.2 ppm	GE_IMS14B 0.2 ppm	GE_IMS14B 0.05 ppm	GE_IMS14B 0.1 ppm	GE_IMS14B 0.3 ppm	GE_IMS14B 0.5 ppm	GE_IMS14B 0.1 ppm	GE_IMS14B 0.01 %
A00060641	4.1	103	0.09	4.1	0.6	21.2	7.3	0.33
A00060642	4.8	67.7	0.20	4.2	0.4	20.9	4.1	0.24
A00060643	19.2	106	0.11	9.5	0.4	25.1	11.6	0.29
A00060644	5.1	51.4	0.37	4.9	0.4	19.8	6.8	0.24
A00060645	2.1	78.4	0.09	4.9	<0.3	26.7	8.9	0.30
A00060646	4.7	98.7	0.26	6.5	1.0	20.4	6.0	0.31
A00060647	7.4	17.3	0.46	5.2	0.4	26.2	6.6	0.13
A00060648	7.4	19.3	0.36	3.7	0.6	15.2	5.2	0.18
A00060649	6.5	51.0	0.44	4.4	0.5	16.2	4.3	0.22
A00060650	6.5	14.0	0.41	4.7	0.3	25.2	4.6	0.12
A00060651	3.4	88.8	0.16	5.6	0.6	15.0	6.7	0.30
A00060652	10.4	14.5	0.36	4.0	0.5	15.1	4.0	0.10
A00060653	4.3	72.6	0.39	4.5	0.7	18.7	5.2	0.29
A00060654	7.8	45.9	0.37	3.5	0.6	20.9	6.4	0.16
A00060655	5.8	50.8	0.45	4.3	0.4	22.8	7.5	0.20
A00060656	9.1	13.5	0.57	3.4	0.6	13.2	7.5	0.08
A00060657	8.4	16.2	0.61	6.2	0.6	20.4	8.1	0.10
A00060658	6.6	69.1	0.34	6.3	1.1	19.0	12.9	0.18
A00060659	8.7	24.9	0.47	5.1	0.4	23.8	7.8	0.11
A00060660	10.3	21.8	0.36	3.4	0.5	16.1	5.3	0.11
A00060661	9.0	24.5	0.46	4.1	0.6	14.2	12.1	0.11
A00060662	9.2	13.4	0.57	4.8	0.6	17.7	8.0	0.09
A00060663	6.5	36.4	0.50	3.5	0.6	17.0	7.3	0.14
A00060664	8.5	17.7	0.42	4.3	0.3	17.8	7.0	0.10
A00060665	4.8	113	0.25	4.0	0.6	16.5	20.8	0.26
A00060666	8.8	24.1	0.38	3.1	0.9	10.3	8.8	0.10
A00060667	10.0	11.5	0.57	5.3	0.5	18.8	6.5	0.10
A00060668	4.3	55.2	0.16	4.1	0.3	12.7	12.0	0.22
A00060669	4.5	65.5	0.27	4.6	0.4	21.6	9.9	0.25
A00060670	7.8	31.2	0.36	3.3	0.3	10.7	5.1	0.15
A00060671	7.6	107	0.24	5.3	0.8	11.4	18.9	0.20
A00060672	7.2	36.1	0.65	6.5	0.5	30.8	9.5	0.14
A00060673	5.9	134	0.33	6.5	1.3	18.6	19.7	0.20
A00060674	11.0	23.6	0.52	3.8	0.8	16.6	11.6	0.10
A00060675	8.5	14.9	0.52	3.6	0.9	15.6	10.7	0.10
A00060676	7.2	22.4	0.40	3.3	0.7	13.3	12.2	0.10
*Rep A00060617	6.9	29.4	0.36	4.8	0.6	21.9	11.0	0.14
*Rep A00060621	9.7	9.9	0.59	5.0	0.6	31.0	4.5	0.09
*Rep A00060657	8.7	16.0	0.48	5.8	0.4	21.2	7.4	0.10
*Rep A00060661	8.8	26.0	0.61	4.6	0.7	14.6	12.2	0.11

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Element	Pb	Rb	Sb	Sc	Sn	Sr	Th	Ti
Method	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B	GE_IMS14B
Det.Lim.	0.2	0.2	0.05	0.1	0.3	0.5	0.1	0.01
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
*Std OREAS209	3.3	4.1	1.24	3.9	0.8	57.7	2.0	0.13
*Std OREAS151B	42.5	20.8	0.61	9.6	1.0	38.3	2.6	0.08
*Std OREAS902	10.6	9.7	0.86	2.7	<0.3	21.1	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 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
A00060601	0.17	0.85	66	0.7	5.17	59
A00060602	0.32	0.92	72	0.2	5.29	83
A00060603	0.19	0.96	67	0.3	5.34	63
A00060604	0.20	0.57	72	0.3	2.85	66
A00060605	0.33	0.79	75	0.2	3.10	80
A00060606	0.25	1.27	77	0.2	5.93	82
A00060607	0.25	1.01	73	0.2	5.27	75
A00060608	0.22	1.26	62	0.2	9.41	69
A00060609	0.43	2.02	134	0.2	10.6	125
A00060610	0.17	1.06	71	0.3	4.35	66
A00060611	0.30	0.63	89	0.3	3.51	83
A00060612	0.22	1.52	81	0.2	10.6	66
A00060613	0.11	0.94	66	0.4	11.1	65
A00060614	0.20	0.66	107	0.3	2.56	85
A00060615	0.36	0.44	99	0.3	3.66	99
A00060616	0.13	0.64	67	0.3	3.39	56
A00060617	0.21	2.35	60	0.4	13.2	69
A00060618	0.20	2.20	65	0.3	15.2	74
A00060619	0.13	2.59	52	0.3	13.8	63
A00060620	0.10	1.02	57	0.4	10.3	71
A00060621	0.10	1.03	57	0.3	9.32	62
A00060622	0.63	2.91	125	0.2	7.23	170
A00060623	0.46	1.02	141	0.1	2.78	99
A00060624	0.36	1.03	124	0.2	10.7	80
A00060625	0.68	1.00	122	0.3	4.00	95
A00060626	0.09	0.89	43	0.2	5.12	39
A00060627	0.33	2.65	121	0.2	3.11	431
A00060628	0.84	1.16	105	0.3	11.6	99
A00060629	0.37	0.79	122	0.2	2.95	91
A00060630	0.13	0.81	76	0.3	4.82	53
A00060631	0.22	0.48	78	0.2	2.09	63
A00060632	0.43	0.64	146	0.2	3.56	85
A00060633	0.45	0.43	159	0.2	1.49	108
A00060634	0.25	0.39	100	0.3	2.09	99
A00060635	0.20	0.65	88	0.3	2.55	68
A00060636	0.59	0.30	162	0.3	1.69	95
A00060637	0.32	0.37	149	0.2	1.46	94
A00060638	0.30	0.57	151	0.2	2.75	86
A00060639	0.38	0.34	154	0.3	1.55	128
A00060640	0.28	0.59	101	0.2	2.82	110

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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
A00060641	0.48	0.37	133	0.2	1.57	127
A00060642	0.32	0.45	106	0.2	2.79	67
A00060643	0.60	0.60	144	0.2	4.26	147
A00060644	0.27	0.49	118	0.1	2.32	86
A00060645	0.34	0.50	126	0.1	2.38	77
A00060646	0.50	1.12	121	0.3	3.77	129
A00060647	0.14	1.06	65	0.2	8.56	59
A00060648	0.19	0.49	98	0.2	2.14	95
A00060649	0.27	0.40	118	0.2	1.96	76
A00060650	0.13	0.68	58	0.2	8.71	56
A00060651	0.43	0.57	139	0.1	1.83	100
A00060652	0.17	1.11	70	0.3	5.00	51
A00060653	0.39	0.79	135	0.2	2.18	102
A00060654	0.27	0.85	91	0.2	2.69	84
A00060655	0.33	0.85	96	1.4	4.30	76
A00060656	0.10	1.16	60	0.3	5.88	66
A00060657	0.17	1.55	62	0.3	13.0	63
A00060658	0.41	1.68	78	0.4	10.6	85
A00060659	0.21	1.23	61	0.3	11.0	66
A00060660	0.19	0.85	70	0.2	4.69	59
A00060661	0.20	1.05	61	0.2	5.21	68
A00060662	0.14	0.94	69	0.3	8.55	61
A00060663	0.24	0.69	70	0.3	4.71	69
A00060664	0.17	1.15	62	0.3	5.95	63
A00060665	0.59	1.18	84	0.1	4.50	103
A00060666	0.17	1.25	58	0.3	4.00	60
A00060667	0.13	1.32	62	0.3	9.09	64
A00060668	0.36	1.68	103	0.1	2.32	93
A00060669	0.39	0.80	110	0.2	4.42	88
A00060670	0.18	0.47	85	0.3	1.90	65
A00060671	0.55	1.51	64	0.2	7.20	79
A00060672	0.25	0.99	71	0.3	13.1	82
A00060673	0.66	1.49	79	0.3	7.93	99
A00060674	0.17	2.02	66	0.3	10.8	68
A00060675	0.14	0.95	60	0.3	6.18	59
A00060676	0.16	2.01	47	0.3	9.22	53
*Rep A00060617	0.22	2.26	58	0.3	12.7	65
*Rep A00060621	0.10	1.02	60	0.5	9.45	64
*Rep A00060657	0.16	1.51	60	0.2	12.1	63
*Rep A00060661	0.21	1.09	68	0.3	5.56	69

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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	41	0.4	13.6	81
*Std OREAS151B	0.14	0.64	150	0.7	11.1	251
*Std OREAS902	0.26	2.43	9	2.5	7.66	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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Certificate of Analysis
Work Order : VC173093
[Report File No.: 000025315]

Date: October 17, 2017

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

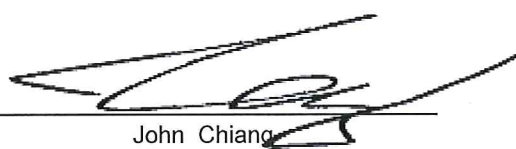
P.O. No.: BLVD-90503-05 / YK17_HD_SS1
 Project No.: YK17_HD_SS1
 Samples: 81
 Received: Sep 12, 2017
 Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
81	G_LOG02	Pre-preparation processing, sorting, logging, boxing
81	G_WGH79	Weighing of samples and reporting of weights
81	GE_FAA313	@Au, FAS, AAS, 30g-5ml(Final Mode)
81	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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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA313 ppb	Ag GE_IMS14B ppm	Al GE_IMS14B %	As GE_IMS14B ppm	Ba GE_IMS14B ppm	Bi GE_IMS14B ppm	Ca GE_IMS14B %
A00060677	0.785	<5	0.10	1.65	7	227	0.15	0.28
A00060678	0.575	5	0.25	1.53	5	174	0.18	0.19
A00060679	0.665	6	0.07	1.81	9	230	0.19	0.20
B00313201	0.415	<5	0.03	1.97	7	191	0.11	0.27
B00313202	0.400	<5	0.07	2.00	7	146	0.13	0.25
B00313203	0.355	5	0.32	2.65	9	123	0.24	0.13
B00313204	0.315	<5	0.07	2.58	9	152	0.16	0.15
B00313205	0.485	6	0.03	2.16	10	208	0.16	0.16
B00313206	0.490	<5	0.10	2.06	11	150	0.19	0.12
B00313207	0.675	5	0.06	2.17	10	211	0.17	0.17
B00313208	0.420	<5	0.03	2.44	14	174	0.17	0.13
B00313209	0.570	<5	0.04	2.00	8	234	0.13	0.20
B00313210	0.390	6	0.10	1.92	8	153	0.14	0.15
B00313211	0.445	<5	0.08	1.58	7	204	0.18	0.18
B00313212	0.450	<5	0.03	2.13	9	187	0.14	0.24
B00313213	0.560	<5	0.15	2.11	9	161	0.15	0.20
B00313214	0.420	<5	0.08	1.59	9	290	0.13	0.48
B00313215	0.470	5	0.04	2.00	7	196	0.11	0.27
B00313216	0.415	6	0.11	1.57	7	315	0.12	0.38
B00313217	0.455	5	0.07	2.65	3	303	0.06	0.37
B00313218	0.470	<5	0.03	3.01	7	230	0.07	0.22
B00313219	0.525	<5	0.01	3.72	1	353	<0.02	0.45
B00313220	0.490	5	0.09	2.04	6	193	0.11	0.40
B00313221	0.580	<5	0.04	3.67	2	494	0.03	0.71
B00313222	0.510	5	0.03	3.01	3	327	0.07	0.43
B00313223	0.435	<5	0.06	2.89	4	205	0.10	0.26
B00313224	0.485	5	0.05	1.71	8	206	0.12	0.25
B00313225	0.395	<5	0.11	2.62	7	211	0.10	0.25
B00313226	0.475	<5	0.13	2.31	4	229	0.09	0.32
B00313227	0.540	<5	0.36	1.77	6	213	0.15	0.26
B00313228	0.335	5	0.05	3.75	3	396	0.03	0.31
B00313229	0.550	<5	0.05	2.56	6	254	0.10	0.34
B00313230	0.475	<5	0.06	2.32	5	259	0.10	0.22
B00313231	0.435	<5	0.05	1.32	6	188	0.11	0.27
B00313232	0.500	6	0.03	2.37	5	307	0.10	0.49
B00313233	0.515	6	0.07	3.68	6	178	0.07	0.31
B00313234	0.380	<5	0.06	2.33	7	531	0.12	0.41
B00313235	0.485	<5	0.05	2.77	2	219	0.04	0.53
B00313236	0.490	<5	0.02	2.75	5	186	0.08	0.27
B00313237	0.460	<5	<0.01	2.68	4	212	0.12	0.38

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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 %
B00313238	0.465	<5	0.01	2.49	2	264	0.10	0.49
B00313239	0.375	<5	0.01	2.19	3	111	0.05	0.15
B00313240	0.495	<5	<0.01	2.62	3	165	0.11	0.20
B00313241	0.335	5	0.02	2.22	9	193	0.12	0.17
B00313242	0.365	<5	0.01	2.44	3	215	0.60	0.23
B00313243	0.455	<5	0.11	1.72	6	114	0.18	0.21
B00313244	0.415	<5	0.02	2.27	6	185	0.10	0.24
B00313245	0.535	<5	0.02	2.46	3	359	0.04	0.52
B00313246	0.355	<5	0.01	3.24	4	319	0.04	0.19
B00313247	0.490	<5	0.08	1.67	7	224	0.13	0.30
B00313248	0.405	6	0.03	1.90	4	184	0.09	0.26
B00313249	0.470	9	0.02	2.43	5	227	0.08	0.32
B00313250	0.550	<5	0.01	2.62	4	281	0.07	0.18
E00022801	0.510	<5	0.02	3.42	6	204	0.08	0.38
E00022802	0.495	<5	0.01	3.54	2	321	0.03	0.48
E00022803	0.625	<5	0.01	2.72	4	208	0.06	0.34
E00022804	0.735	16	0.02	3.57	4	178	0.04	0.40
E00022805	0.700	<5	<0.01	2.69	5	148	0.06	0.29
E00022806	0.755	<5	<0.01	2.75	2	165	0.03	0.34
E00022807	0.640	<5	0.02	3.25	3	312	0.04	0.48
E00022808	0.660	<5	0.02	2.64	4	311	0.06	0.65
E00022809	0.700	<5	0.01	3.25	6	200	0.06	0.26
E00022810	0.655	<5	0.04	3.20	6	260	0.09	0.29
E00022811	0.655	<5	0.03	2.79	6	196	0.08	0.22
E00022812	0.590	<5	0.02	3.10	3	290	0.08	0.82
E00022813	0.780	5	0.05	2.06	6	159	0.11	0.41
E00022814	0.415	<5	0.03	2.20	4	176	0.08	0.38
E00022815	0.490	<5	0.02	2.14	6	218	0.12	0.22
E00022816	0.310	8	0.05	1.94	9	161	0.21	0.16
E00022817	0.475	<5	0.04	2.22	7	151	0.21	0.20
E00022818	0.380	8	0.06	1.76	6	175	0.13	0.24
E00022819	0.440	<5	0.02	2.93	1	402	0.04	0.36
E00022820	0.480	<5	0.01	2.71	4	320	0.06	0.31
E00022821	0.360	<5	0.02	2.44	6	182	0.07	0.29
E00022822	0.400	<5	0.01	2.38	6	174	0.19	0.15
E00022823	0.410	<5	0.03	2.19	10	178	0.22	0.20
E00022824	0.370	<5	0.02	1.92	6	114	0.26	0.12
E00022825	0.655	<5	0.03	3.37	2	300	0.05	0.62
E00022826	0.690	6	0.11	1.58	6	176	0.11	0.38
E00022827	0.830	8	0.09	1.43	6	234	0.12	0.39

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Element Method Det.Lim. Units	WIKg 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 %
E00022828	0.705	8	0.06	1.61	6	215	0.11	0.38
*Rep B00313224			0.05	1.72	8	208	0.13	0.25
*Rep B00313242			0.02	2.61	4	220	0.59	0.24
*Rep E00022805			0.01	2.58	5	145	0.06	0.27
*Rep E00022810			0.04	3.36	5	266	0.09	0.32
*Std OREAS902			0.28	0.46	564	13	7.81	3.77
*Std OREAS209			0.25	1.34	1100	74	0.06	1.60
*Std OREAS151B			0.53	2.33	31	66	0.37	1.31
*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 A00060678		<5						
*Rep B00313245		<5						
*Rep E00022816		<5						
*Rep E00022824		6						
*Std OREAS151B		69						
*Std OXN117		7920						
*Std OREAS251		511						
*Std OREAS151B		66						
*Blk BLANK		<5						
*Blk BLANK		<5						
*Blk BLANK		<5						

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Report File No.: 0000025315

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
A00060677	0.09	45.8	7.7	27	19.6	2.43	5.7	0.04
A00060678	0.13	34.7	5.5	22	14.4	2.13	5.4	0.04
A00060679	0.06	51.2	9.1	29	28.6	2.63	5.5	0.03
B00313201	0.09	45.8	10.4	28	25.1	3.05	6.6	0.01
B00313202	0.10	33.2	9.9	24	33.1	2.95	6.6	0.02
B00313203	0.09	37.5	10.3	28	22.3	3.64	8.7	0.04
B00313204	0.06	28.6	12.6	28	28.6	3.50	7.3	0.01
B00313205	0.05	43.1	9.1	41	25.1	2.99	6.6	0.03
B00313206	0.12	24.6	7.1	27	15.6	2.94	7.8	0.02
B00313207	0.07	36.6	8.6	32	22.2	2.95	7.0	0.03
B00313208	0.09	24.2	8.8	32	15.8	3.27	7.3	0.02
B00313209	0.04	125	8.5	28	22.7	2.73	6.6	0.04
B00313210	0.08	25.4	7.3	30	18.9	2.51	6.2	0.02
B00313211	0.13	65.4	5.8	23	14.3	2.45	8.4	0.09
B00313212	0.05	30.2	9.8	33	21.6	2.99	6.1	<0.01
B00313213	0.07	20.1	11.8	32	21.5	3.22	6.6	0.02
B00313214	0.06	30.8	11.6	30	37.0	2.87	4.9	0.02
B00313215	0.05	20.6	11.5	30	21.5	2.97	5.9	<0.01
B00313216	0.02	28.0	9.4	28	27.7	2.53	4.8	0.03
B00313217	0.04	18.2	18.9	31	35.5	4.43	8.3	<0.01
B00313218	0.04	13.6	18.9	37	30.6	4.38	8.3	0.01
B00313219	0.01	25.9	29.3	45	60.6	5.83	10.5	<0.01
B00313220	0.04	28.0	12.8	35	35.4	3.22	6.2	0.02
B00313221	0.04	31.2	27.2	45	48.6	5.41	11.0	<0.01
B00313222	0.03	35.9	22.6	47	58.7	4.81	10.7	<0.01
B00313223	0.05	14.1	20.3	38	40.2	4.65	9.5	<0.01
B00313224	0.04	28.9	9.1	32	23.0	2.63	5.2	<0.01
B00313225	0.04	12.2	15.5	35	42.9	4.24	8.0	<0.01
B00313226	0.03	17.2	16.2	31	65.1	3.59	7.7	<0.01
B00313227	0.03	18.7	9.0	29	27.9	2.76	6.3	0.01
B00313228	0.03	13.1	21.7	44	49.8	5.52	12.4	<0.01
B00313229	0.04	24.0	14.5	31	29.9	3.55	7.5	<0.01
B00313230	0.06	16.1	15.4	31	21.9	3.47	7.4	<0.01
B00313231	0.02	21.7	7.7	25	17.3	2.19	4.4	<0.01
B00313232	0.04	29.7	16.6	39	63.9	3.67	7.4	<0.01
B00313233	0.06	18.2	22.6	44	38.2	4.87	9.4	<0.01
B00313234	0.07	23.4	11.7	32	33.6	3.21	6.8	<0.01
B00313235	0.03	15.3	22.2	78	9.6	3.78	6.8	<0.01
B00313236	0.11	34.7	14.4	16	13.4	3.83	9.3	<0.01
B00313237	0.04	73.0	13.7	15	15.4	3.89	9.2	<0.01

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Element Method Det.Lim. Units	Cd	Ce	Co	Cr	Cu	Fe	Ga	Hg
	GE_IMS14B 0.01 ppm	GE_IMS14B 0.05 ppm	GE_IMS14B 0.1 ppm	GE_IMS14B 1 ppm	GE_IMS14B 0.5 ppm	GE_IMS14B 0.01 %	GE_IMS14B 0.1 ppm	GE_IMS14B 0.01 ppm
B00313238	0.02	35.3	12.5	10	23.2	3.26	8.2	<0.01
B00313239	0.05	38.0	10.1	11	11.2	3.37	8.9	<0.01
B00313240	0.02	94.4	10.8	13	17.7	4.23	11.4	<0.01
B00313241	0.07	27.7	10.3	30	23.9	3.15	6.7	<0.01
B00313242	0.03	101	15.9	71	38.0	3.68	8.6	<0.01
B00313243	0.06	42.9	6.5	28	20.6	2.33	6.3	0.04
B00313244	0.06	24.9	12.1	25	18.5	3.49	6.7	0.02
B00313245	0.06	36.5	16.0	18	25.5	3.96	8.1	<0.01
B00313246	0.06	24.4	17.1	17	16.7	5.05	11.0	<0.01
B00313247	0.08	31.9	9.0	28	23.8	2.61	5.5	0.03
B00313248	0.08	34.0	11.4	23	29.1	3.32	8.2	0.02
B00313249	0.10	28.4	14.9	27	39.9	3.77	9.0	0.02
B00313250	0.06	47.1	19.8	24	47.7	5.94	12.0	<0.01
E00022801	0.06	31.0	19.1	33	38.3	4.68	10.7	0.01
E00022802	0.07	42.8	25.8	25	28.6	5.89	10.4	0.01
E00022803	0.05	63.2	16.8	38	24.1	4.31	8.9	<0.01
E00022804	0.14	34.8	24.8	42	25.0	5.16	11.5	<0.01
E00022805	0.13	23.6	17.5	31	17.8	3.92	9.6	<0.01
E00022806	0.03	28.0	20.7	26	26.6	4.30	9.7	<0.01
E00022807	0.15	31.8	22.4	29	28.2	5.19	9.8	<0.01
E00022808	0.04	27.8	18.8	22	22.7	4.50	8.0	<0.01
E00022809	0.02	11.1	22.1	28	12.4	4.71	8.6	<0.01
E00022810	0.07	16.7	19.7	27	20.3	4.36	8.5	<0.01
E00022811	0.06	18.3	17.3	29	19.8	4.26	8.5	<0.01
E00022812	0.19	32.3	21.7	36	41.8	4.57	8.8	<0.01
E00022813	0.08	30.8	13.0	30	22.8	3.31	6.6	<0.01
E00022814	0.03	29.0	11.4	22	21.5	3.18	7.5	<0.01
E00022815	0.05	72.2	11.6	49	29.2	3.50	8.5	0.02
E00022816	0.09	39.1	8.7	51	18.3	3.08	7.3	<0.01
E00022817	0.08	53.5	12.6	46	25.8	3.57	8.7	0.01
E00022818	0.06	34.2	8.9	29	20.8	2.69	6.4	0.03
E00022819	0.05	38.2	21.9	18	42.1	5.65	11.7	0.01
E00022820	0.06	24.4	21.2	22	29.1	4.09	7.4	0.01
E00022821	0.11	18.9	16.7	21	21.5	4.57	8.3	<0.01
E00022822	0.05	107	14.5	43	33.8	3.79	8.9	0.01
E00022823	0.06	63.8	11.2	40	30.4	3.31	7.4	0.02
E00022824	0.07	75.9	10.7	42	22.5	3.90	11.7	0.01
E00022825	0.08	22.8	26.5	28	32.5	5.86	10.3	<0.01
E00022826	0.10	32.2	10.4	27	20.1	2.73	5.4	0.02
E00022827	0.12	31.5	9.2	27	18.3	2.39	4.9	0.02

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Element Method	Cd GE_IMS14B	Ce GE_IMS14B	Co GE_IMS14B	Cr GE_IMS14B	Cu GE_IMS14B	Fe GE_IMS14B	Ga GE_IMS14B	Hg GE_IMS14B
Det.Lim.	0.01	0.05	0.1	1	0.5	0.01	0.1	0.01
Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
E00022828	0.09	29.6	10.3	27	18.2	2.64	5.4	0.01
*Rep B00313224	0.04	28.7	9.2	33	23.0	2.69	5.2	0.01
*Rep B00313242	0.02	98.3	16.4	73	38.7	3.88	8.9	<0.01
*Rep E00022805	0.13	22.1	16.8	30	17.6	3.77	8.9	<0.01
*Rep E00022810	0.07	17.5	20.6	28	22.4	4.60	9.2	<0.01
*Std OREAS902	0.02	27.0	893	21	2940	2.74	1.5	0.04
*Std OREAS209	0.07	27.4	28.1	42	77.1	5.96	4.5	<0.01
*Std OREAS151B	0.56	16.3	11.0	27	1810	3.11	7.7	0.01
*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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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
A00060677	0.05	27.2	0.51	260	0.82	0.02	17.4	620
A00060678	0.04	21.9	0.42	174	0.73	0.02	14.3	550
A00060679	0.05	25.9	0.49	470	0.96	0.02	22.6	420
B00313201	0.22	26.1	0.75	508	0.80	0.02	19.9	430
B00313202	0.21	19.1	0.76	455	0.88	0.02	17.9	510
B00313203	0.11	19.6	0.62	455	2.12	0.02	17.1	220
B00313204	0.10	16.9	1.02	467	1.24	0.01	24.7	260
B00313205	0.04	24.2	0.61	322	1.08	0.02	22.6	150
B00313206	0.04	13.4	0.45	289	1.31	0.02	17.4	340
B00313207	0.07	19.1	0.53	310	1.19	0.02	21.3	200
B00313208	0.06	12.6	0.58	328	1.40	0.02	20.2	260
B00313209	0.07	79.0	0.54	388	0.87	0.02	18.5	210
B00313210	0.05	14.1	0.52	282	1.01	0.01	19.2	240
B00313211	0.10	47.2	0.38	300	1.86	0.02	14.9	290
B00313212	0.07	18.5	0.74	386	0.80	0.02	19.7	290
B00313213	0.11	10.4	0.79	424	1.41	0.02	16.3	310
B00313214	0.20	16.9	0.81	568	0.89	0.03	24.1	760
B00313215	0.13	10.7	0.93	383	0.92	0.02	18.1	170
B00313216	0.06	15.5	0.68	419	0.60	0.02	19.2	460
B00313217	1.21	9.7	1.85	837	0.67	0.04	14.5	530
B00313218	0.81	6.5	1.81	585	1.07	0.02	18.5	370
B00313219	1.67	13.9	2.62	1190	0.84	0.02	16.2	540
B00313220	0.35	23.1	1.06	526	1.05	0.03	20.9	330
B00313221	1.17	21.1	2.81	1100	0.65	0.03	18.0	730
B00313222	1.17	23.5	2.23	737	0.64	0.03	20.0	610
B00313223	0.73	6.7	1.87	662	1.16	0.02	14.6	560
B00313224	0.07	14.9	0.68	301	0.78	0.02	18.9	120
B00313225	0.68	6.4	1.46	528	1.24	0.02	16.7	230
B00313226	0.72	11.3	1.44	590	0.98	0.02	13.1	320
B00313227	0.10	11.1	0.71	379	0.99	0.02	16.6	260
B00313228	1.57	6.1	2.66	1070	0.64	0.02	13.5	590
B00313229	0.33	12.8	1.25	511	0.88	0.02	17.9	250
B00313230	0.51	8.8	1.27	1140	0.87	0.02	15.7	400
B00313231	0.11	10.9	0.60	280	0.49	0.02	15.3	270
B00313232	0.50	16.6	1.53	559	0.73	0.03	22.8	490
B00313233	0.88	9.7	2.14	840	0.64	0.02	21.0	540
B00313234	0.32	14.8	1.02	512	0.59	0.02	22.3	910
B00313235	0.94	13.2	2.33	731	0.26	0.02	58.1	530
B00313236	0.67	19.7	1.08	802	0.58	0.02	10.6	630
B00313237	1.02	46.3	1.30	715	0.38	0.02	12.9	790

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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
B00313238	0.74	26.1	1.37	588	0.30	0.01	11.4	900
B00313239	0.77	12.4	0.90	746	0.46	0.02	6.9	480
B00313240	0.37	28.7	1.02	868	0.40	0.01	8.8	400
B00313241	0.19	12.9	0.82	378	0.97	0.02	20.8	270
B00313242	0.68	37.0	0.94	501	0.46	0.02	30.7	440
B00313243	0.12	28.4	0.54	177	0.66	0.02	16.0	550
B00313244	0.58	14.3	1.03	468	0.86	0.02	16.6	540
B00313245	0.50	13.4	1.17	825	1.04	0.03	10.3	1190
B00313246	0.92	7.5	1.68	975	0.59	0.02	8.1	420
B00313247	0.05	16.7	0.64	278	0.75	0.02	20.1	620
B00313248	0.22	17.5	0.95	452	0.76	0.02	10.8	520
B00313249	0.17	18.3	1.24	517	0.58	0.02	13.4	500
B00313250	0.92	34.7	1.25	702	1.13	0.02	12.5	720
E00022801	0.64	16.5	1.81	782	0.71	0.02	16.4	360
E00022802	1.76	23.0	2.49	1200	0.26	0.02	13.8	380
E00022803	0.84	43.2	1.68	753	0.53	0.02	17.9	360
E00022804	0.92	18.8	2.16	1000	0.63	0.02	20.5	530
E00022805	0.56	10.1	1.32	749	0.63	0.02	14.5	390
E00022806	0.87	15.3	2.01	788	0.36	0.02	11.4	230
E00022807	1.43	20.4	2.23	1040	0.35	0.02	16.5	460
E00022808	0.85	17.8	1.88	935	0.28	0.02	16.0	730
E00022809	1.25	6.0	2.12	1270	0.42	0.02	15.3	210
E00022810	0.87	8.1	1.88	866	0.59	0.02	16.1	310
E00022811	0.76	8.8	1.52	624	0.67	0.02	15.7	310
E00022812	1.09	19.3	2.04	951	0.30	0.02	17.3	570
E00022813	0.35	17.1	1.04	488	0.61	0.02	17.8	530
E00022814	0.19	10.6	0.94	339	0.60	0.04	11.1	450
E00022815	0.56	48.2	1.07	578	0.60	0.02	25.3	270
E00022816	0.11	16.0	0.57	318	1.10	0.02	20.7	270
E00022817	0.55	23.0	0.92	487	1.26	0.02	25.0	500
E00022818	0.20	18.9	0.75	292	0.94	0.02	15.5	500
E00022819	1.44	21.9	2.06	1110	0.73	0.02	8.8	680
E00022820	0.80	14.1	1.65	783	0.59	0.02	14.2	480
E00022821	0.69	8.8	1.38	744	0.93	0.02	11.6	660
E00022822	0.38	52.0	1.03	395	0.80	0.02	32.4	400
E00022823	0.21	30.4	0.73	377	0.88	0.02	26.8	300
E00022824	0.64	13.9	0.77	501	1.18	0.02	22.0	420
E00022825	1.55	13.8	2.69	1290	0.61	0.02	15.4	780
E00022826	0.15	17.6	0.76	344	0.67	0.02	15.0	650
E00022827	0.07	16.6	0.64	350	0.64	0.02	16.4	590

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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	0.01	2	0.05	0.01	0.5	50
	%	ppm	%	ppm	ppm	%	ppm	ppm
E00022828	0.11	15.5	0.77	355	0.63	0.02	15.5	510
*Rep B00313224	0.07	14.5	0.69	315	0.80	0.02	19.5	120
*Rep B00313242	0.72	37.7	0.98	524	0.45	0.02	31.5	470
*Rep E00022805	0.56	9.3	1.32	712	0.63	0.02	14.0	370
*Rep E00022810	0.93	9.1	1.96	918	0.64	0.02	16.5	340
*Std OREAS902	0.23	12.7	2.12	467	12.1	0.01	156	600
*Std OREAS209	0.07	14.2	2.49	1420	1.94	0.21	120	1540
*Std OREAS151B	0.42	7.3	1.50	289	54.4	0.15	14.9	490
*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	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 %
A00060677	8.1	10.7	0.45	4.8	0.7	21.4	4.3	0.09
A00060678	9.3	8.9	0.40	2.6	1.4	16.3	1.0	0.06
A00060679	8.4	10.1	0.56	5.9	1.4	16.3	7.7	0.08
B00313201	6.2	30.9	0.40	5.2	0.6	19.3	8.8	0.14
B00313202	7.0	31.1	0.56	4.3	1.6	16.0	6.5	0.13
B00313203	8.7	30.6	0.48	4.5	0.7	12.5	8.9	0.11
B00313204	8.1	21.1	0.58	3.9	1.2	14.0	8.2	0.14
B00313205	8.6	9.7	0.48	6.9	0.6	16.3	8.3	0.11
B00313206	9.1	13.5	0.50	3.8	0.7	10.2	5.7	0.09
B00313207	8.5	15.4	0.42	5.7	0.7	15.7	8.0	0.11
B00313208	10.0	12.9	0.45	4.8	0.6	12.0	4.4	0.11
B00313209	8.6	11.8	0.40	6.3	0.7	18.2	13.5	0.09
B00313210	7.7	12.2	0.37	4.2	0.6	12.3	6.9	0.10
B00313211	8.5	28.3	0.41	3.7	1.0	17.1	5.3	0.11
B00313212	7.5	13.1	0.39	4.5	0.5	19.4	8.5	0.13
B00313213	7.9	14.4	0.30	4.1	0.8	15.0	5.9	0.14
B00313214	6.6	19.9	0.47	5.5	0.4	27.9	4.9	0.12
B00313215	6.2	15.9	0.36	4.3	0.4	20.2	4.1	0.15
B00313216	6.6	9.3	0.34	5.5	0.4	26.4	4.4	0.11
B00313217	4.4	69.4	0.18	9.5	0.5	17.8	6.7	0.23
B00313218	4.2	61.4	0.30	5.3	0.4	15.7	4.7	0.25
B00313219	1.7	107	0.12	8.7	0.5	24.0	8.6	0.28
B00313220	6.2	28.4	0.32	6.7	0.4	18.6	5.7	0.17
B00313221	2.5	70.9	0.17	10.1	0.4	30.8	6.0	0.31
B00313222	2.9	92.0	0.25	9.4	1.0	21.1	8.6	0.28
B00313223	4.2	56.6	0.23	4.7	0.4	14.0	3.5	0.28
B00313224	6.9	11.2	0.42	5.5	0.5	19.5	4.8	0.12
B00313225	6.0	55.5	0.33	6.2	0.6	20.1	3.5	0.20
B00313226	5.2	59.3	0.19	4.1	0.4	18.2	4.4	0.23
B00313227	7.8	13.4	0.32	4.0	0.6	15.4	3.2	0.10
B00313228	3.5	87.4	0.19	10.7	0.9	18.8	5.0	0.27
B00313229	5.6	26.9	0.38	4.8	0.8	25.1	3.8	0.21
B00313230	5.5	54.0	0.28	4.0	0.5	19.1	4.0	0.21
B00313231	5.5	11.2	0.36	4.0	0.4	20.8	3.6	0.12
B00313232	5.4	39.8	0.35	6.4	0.4	34.5	6.2	0.23
B00313233	4.2	74.4	0.30	6.1	0.4	19.8	6.4	0.31
B00313234	6.3	25.0	0.37	5.4	0.5	28.0	6.6	0.14
B00313235	3.2	75.8	0.15	5.2	<0.3	28.5	3.9	0.17
B00313236	5.2	71.7	0.35	4.7	1.3	19.6	14.5	0.17
B00313237	4.3	94.5	0.25	7.1	0.7	23.3	11.5	0.22

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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 %
B00313238	4.8	53.9	0.18	5.5	0.5	33.4	6.7	0.15
B00313239	3.4	66.2	0.16	4.6	0.7	9.9	6.5	0.20
B00313240	4.7	34.8	0.27	9.6	1.0	16.9	22.2	0.09
B00313241	6.7	17.3	0.41	5.9	0.5	12.9	5.1	0.14
B00313242	8.1	61.8	0.23	7.6	0.8	17.4	16.1	0.17
B00313243	8.1	18.6	0.30	3.8	0.7	15.7	2.4	0.10
B00313244	5.1	41.6	0.27	4.2	0.4	16.9	6.2	0.20
B00313245	2.4	39.1	0.18	9.7	0.5	25.2	4.9	0.19
B00313246	2.8	46.6	0.20	13.4	0.7	11.8	5.6	0.24
B00313247	6.8	9.1	0.40	5.6	0.5	21.3	2.4	0.09
B00313248	5.2	18.6	0.22	7.5	0.6	15.5	2.4	0.11
B00313249	3.9	15.7	0.25	8.8	0.6	19.1	5.0	0.10
B00313250	4.7	50.1	0.29	15.8	1.1	12.5	13.9	0.17
E00022801	5.6	47.2	0.31	4.3	0.5	23.3	9.6	0.27
E00022802	4.4	137	0.18	5.6	<0.3	35.5	11.3	0.37
E00022803	3.9	95.2	0.24	6.6	0.4	22.0	12.0	0.19
E00022804	3.2	84.5	0.20	4.7	0.4	20.8	13.9	0.28
E00022805	4.3	73.7	0.23	5.1	0.6	13.6	6.3	0.20
E00022806	2.8	73.7	0.15	4.3	0.3	20.7	10.8	0.23
E00022807	3.6	103	0.21	5.3	<0.3	30.2	10.0	0.33
E00022808	3.6	81.0	0.21	4.3	<0.3	36.9	13.7	0.25
E00022809	4.1	101	0.21	3.3	0.4	15.7	5.7	0.30
E00022810	15.4	75.0	0.26	3.6	0.4	21.5	4.3	0.23
E00022811	5.6	62.9	0.29	3.6	0.5	15.3	6.6	0.21
E00022812	8.3	95.7	0.19	4.9	0.9	51.7	9.3	0.28
E00022813	5.6	39.9	0.38	3.8	0.4	23.1	5.8	0.17
E00022814	4.2	14.7	0.23	7.5	1.4	22.0	5.1	0.10
E00022815	7.3	40.2	0.35	9.8	1.3	15.6	13.2	0.19
E00022816	11.5	19.7	0.43	4.3	0.7	15.3	6.0	0.11
E00022817	8.4	55.5	0.32	5.5	0.8	13.6	9.6	0.18
E00022818	6.8	22.2	0.37	3.9	0.5	17.0	3.1	0.13
E00022819	2.4	80.9	0.13	15.6	0.8	17.8	8.1	0.25
E00022820	3.7	46.9	0.23	4.1	0.3	17.9	5.4	0.23
E00022821	4.4	40.3	0.28	4.8	0.4	15.7	3.2	0.21
E00022822	6.0	39.9	0.33	5.6	0.8	11.9	17.4	0.15
E00022823	9.9	22.1	0.48	5.6	0.8	15.9	11.9	0.13
E00022824	12.5	78.2	0.30	5.7	1.2	7.9	9.1	0.22
E00022825	3.0	115	0.19	4.2	<0.3	32.3	9.2	0.35
E00022826	6.2	18.2	0.37	3.9	0.4	21.9	4.7	0.13
E00022827	6.1	12.5	0.39	3.9	0.4	23.6	2.8	0.10

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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 %
E00022828	6.0	14.7	0.38	3.9	0.4	22.5	4.6	0.12
*Rep B00313224	7.1	10.8	0.43	5.5	0.4	19.6	4.6	0.12
*Rep B00313242	8.2	64.0	0.24	8.0	0.8	18.3	16.5	0.18
*Rep E00022805	4.0	73.8	0.23	4.9	0.6	12.8	6.2	0.19
*Rep E00022810	16.0	79.0	0.26	3.8	0.4	23.7	4.5	0.25
*Std OREAS902	9.3	7.8	0.71	2.8	<0.3	19.1	4.5	<0.01
*Std OREAS209	3.2	4.0	1.22	3.9	0.9	70.8	2.1	0.15
*Std OREAS151B	38.7	19.7	0.50	8.8	1.0	33.7	2.6	0.07
*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.: 0000025315

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
A00060677	0.12	1.74	54	0.2	10.9	68
A00060678	0.12	1.49	47	0.2	6.51	57
A00060679	0.12	2.02	54	0.3	13.2	56
B00313201	0.24	0.69	67	0.1	6.75	72
B00313202	0.21	0.70	65	0.1	5.14	70
B00313203	0.20	0.97	78	0.2	4.58	77
B00313204	0.22	0.58	92	0.2	2.95	86
B00313205	0.13	1.15	75	0.2	9.12	56
B00313206	0.14	0.68	74	0.2	3.31	57
B00313207	0.16	0.91	70	0.2	6.45	57
B00313208	0.13	0.59	76	0.2	3.66	57
B00313209	0.15	1.67	62	0.1	18.2	51
B00313210	0.12	0.84	64	0.1	4.16	50
B00313211	0.17	1.50	68	0.2	9.25	49
B00313212	0.14	0.84	70	0.1	5.18	62
B00313213	0.15	0.67	81	<0.1	3.00	60
B00313214	0.15	0.72	66	0.1	9.99	62
B00313215	0.13	0.44	77	0.1	3.95	54
B00313216	0.09	0.90	62	0.1	8.51	48
B00313217	0.38	0.91	136	<0.1	3.52	81
B00313218	0.30	0.39	134	0.1	1.83	77
B00313219	0.48	0.46	176	<0.1	2.20	96
B00313220	0.17	0.90	88	0.2	7.03	58
B00313221	0.39	0.58	166	<0.1	4.93	87
B00313222	0.47	0.76	166	<0.1	7.22	77
B00313223	0.28	0.34	146	<0.1	1.38	68
B00313224	0.09	0.61	67	<0.1	6.13	50
B00313225	0.24	0.34	120	0.1	2.18	70
B00313226	0.24	0.40	112	0.1	2.22	59
B00313227	0.11	0.47	71	0.1	3.60	56
B00313228	0.39	0.62	183	0.2	2.40	89
B00313229	0.19	0.42	99	0.1	3.82	67
B00313230	0.20	0.38	104	<0.1	2.28	68
B00313231	0.08	0.45	59	0.1	4.21	39
B00313232	0.23	0.70	105	0.1	7.74	74
B00313233	0.37	0.38	147	0.1	2.47	105
B00313234	0.17	0.54	93	0.1	3.67	78
B00313235	0.48	1.08	84	<0.1	4.22	128
B00313236	0.37	1.13	77	<0.1	4.69	90
B00313237	0.46	1.20	96	<0.1	11.1	73

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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
B00313238	0.30	1.07	86	<0.1	9.30	64
B00313239	0.31	0.52	68	<0.1	4.41	65
B00313240	0.19	1.31	69	<0.1	13.7	84
B00313241	0.12	0.68	81	0.1	5.27	61
B00313242	0.44	1.81	64	<0.1	12.7	66
B00313243	0.17	1.51	52	0.1	11.2	51
B00313244	0.25	0.59	86	0.1	4.46	71
B00313245	0.21	0.88	112	<0.1	7.53	78
B00313246	0.21	0.88	155	<0.1	4.09	87
B00313247	0.09	0.87	63	0.1	8.50	61
B00313248	0.11	1.17	94	<0.1	7.71	69
B00313249	0.13	0.84	103	<0.1	6.17	88
B00313250	0.47	2.36	102	<0.1	11.1	92
E00022801	0.26	0.72	116	0.2	3.33	82
E00022802	0.71	1.11	127	0.2	14.7	127
E00022803	0.54	0.91	105	0.1	7.17	90
E00022804	0.41	1.13	125	0.1	2.77	87
E00022805	0.40	0.81	96	<0.1	2.62	79
E00022806	0.40	0.88	104	<0.1	3.45	76
E00022807	0.50	0.80	118	0.1	6.01	171
E00022808	0.44	0.74	99	0.2	4.65	107
E00022809	0.51	0.33	100	0.1	1.46	143
E00022810	0.35	0.41	101	0.2	2.00	143
E00022811	0.32	0.64	100	0.1	2.51	82
E00022812	0.50	1.59	100	0.2	3.86	102
E00022813	0.24	0.80	77	0.3	4.71	70
E00022814	0.10	0.68	87	<0.1	4.63	52
E00022815	0.22	1.69	69	0.1	20.5	75
E00022816	0.15	0.74	68	0.2	4.42	53
E00022817	0.35	1.34	64	0.1	9.48	76
E00022818	0.17	1.01	57	0.1	5.48	58
E00022819	0.43	1.36	161	<0.1	9.40	92
E00022820	0.25	0.48	106	<0.1	3.09	77
E00022821	0.19	0.59	112	<0.1	3.30	79
E00022822	0.28	2.72	57	<0.1	10.5	66
E00022823	0.19	1.31	62	0.1	10.8	67
E00022824	0.46	1.05	68	0.2	7.40	83
E00022825	0.51	0.86	135	0.2	3.73	121
E00022826	0.13	1.06	62	0.4	5.81	62
E00022827	0.11	0.87	54	0.1	6.29	59

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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
E00022828	0.11	0.90	59	0.2	5.79	62
*Rep B00313224	0.09	0.63	68	<0.1	6.17	49
*Rep B00313242	0.46	1.86	66	<0.1	13.0	70
*Rep E00022805	0.40	0.79	95	<0.1	2.48	79
*Rep E00022810	0.36	0.41	105	0.2	2.11	147
*Std OREAS902	0.19	2.06	10	2.6	7.23	6
*Std OREAS209	0.03	0.45	44	0.3	13.7	80
*Std OREAS151B	0.13	0.60	145	0.4	10.7	239
*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
RAB Drilling Logs

Summary

Location:	Henderson
UTM Zone:	NAD 83 Zone 7
UTM Easting:	582962
UTM Northing:	7031522

Hole ID:	HDRAB17-02
Depth:	15m
Azimuth:	0
Inclination:	-90

Geologist:	Bruce Kienlen
Drill Start Date & Time:	24-Sep-17
Drill End Date & Time:	24-Sep-17

Drill Target:	Granitic dyke mapped in 2012
Comments:	rock appears to be all granitic, possibly gniess and possibly paragneiss based on garnet and fine crystal size

Footage (ft)		Lithology		Bedrock				Alteration					Mineralization				Analytical
From	To	Lith	Description	Colour	Oxidation	% Qtz vein	% Carbnt'	Chlorite	Biotite	Sericite	Silicifctn'	Potassic	% py	% aspy	% cpy	% po	Sample No.
0	1.5	O/B	No sample	org	1	0											none
1.5	3	GRNT	Predominately orange potassium feldspar with ~20% quartz and maybe 20% K-spar; minor fine anhedral opaque black mineral that appears oxidized (non-magnetic), possibly biotite; trace muscovite; trace possible fine red garnet; K-spar varies from light orange to deep orange and rare reddish; <25% of chips are elongate but may be along crystal cleavage not foliation; no fabric discernable; no sulfides seen; moderate pervasive HCl reaction but no calcite seen; weak patchy clay alteration; non magnetic;	org	1	0											30101
3	4.5	GRNT	as above; finer chips with fine crystal sizes	org													30102
4.5	6	GRNT	predominately fine sand (qtz, K-spar) in chip tray with 20% rock chips as above	org													30103
6	7.5	GRNT	as above but ~40% sand; strongly reactive to HCl (could be sand that is reacting strly)	org													30104
7.5	9	GRNT	60% sand; as above but a 1cm chip shows moderate foliation of coarser K-spar; trace fine chlorite (?);	lt org													30105

Footage (ft)		Lithology		Bedrock			Alteration				Mineralization				Analytical
9	10.5	GRNT	as above; sand predominately qtz; qtz content of rock may be higher ~35%; trace to 0.5% pyrite as mod fine-coarse blebs; seems to be more oxidized specs in tray but cannot determine original species; 10% white fine plagioclase; chips are very small	lt org	1								0.5		30106
10.5	12	GRNT	as above; still predominately light orange K-spar with ~35% qtz and 10% white plag plus 15-20% dull off white plag (?) plus minor biotite/chl, red garnet, dk grey to black opaques; weakly oxidized; weak clay alteration; moderate to str HCl reaction; no sulfides seen	lt org	1										30107
12	13.5	GRNT	90% fine sand more similar to rock than previous sand and includes most of the same constituents in the same proportions; 10% orange k-spar;	lt org	1										30108
13.5	15	GRNT	as above; trace fine clear muscovite	lt org	1										30109
15	16.5	GRNT	as above except no oxidation or alteration	lt org											30110
16.5	18	GRNT	as above; a few larger chips show mod foliation and, when dry, fine muscovite	lt org											30111
	EOH		Driller's comments:												
			Hole ended due to excessive groundwater and hole collapse/bit getting stuck. Bit freed with considerable effort. Hole abandoned.												
			Hole drilled in bottom of placer cut in area of highly mineralized bedrock. Red, rusty quartz veins cross-cut area.												

Summary

Location:	Henderson
UTM Zone:	NAD 83 Zone 7
UTM Easting:	583270
UTM Northing:	7029406

Hole ID:	HD-RAB
Depth:	7.5m
Azimuth:	180
Inclination:	-75

Geologist:	Bruce Kienlen
Drill Start Date & Time:	25-Sep-17
Drill End Date & Time:	25-Sep-17

Drill Target:	Attempted to drill across a fault zone
Comments:	No chips retained for logging;

Footage (ft)		Lithology		Bedrock				Alteration					Mineralization				Analytical
From	To	Lith	Description	Colour	Oxidation	% Qtz vein	% Carbnt'	Chlorite	Biotite	Sericite	Silicifctn'	Potassic	% py	% aspy	% cpy	% po	Sample No.
0	1.5		No Chips returned														30112
1.5	3		No Chips returned														30113
3	4.5		No Chips returned														30114
4.5	6		No Chips returned														none
6	7.5		No Chips returned														none
		EOH	Three samples were submitted to SGS although driller's record indicated 4 samples. Third sample (D00030114) has twice maximum weight is is thought to be two combined samples.														
			Driller's comments: Hole drilled on side of valley targeting visible fault														
			Hole placed 10 m upstream of fault material on surface and drilled at 75 degree angle														
			Dry, hard bedrock encountered to 3m, then highly fractured bedrock, sand and silt.														
			At 6 m considerable groundwater was encountered. Hammer filled with grit.														
			Hole producing too much water to continue drilling - sample quality compromised and water/air mixture excavating cavities around casing.														

Summary

Location:	Henderson
UTM Zone:	NAD 83 Zone 07
UTM Easting:	583312
UTM Northing:	7029579

Hole ID:	HD-RAB17-04
Depth:	10.5m
Azimuth:	325
Inclination:	-70

Geologist:	Bruce Kienlen
Drill Start Date & Time:	26-Sep-17
Drill End Date & Time:	26-Sep-17

Drill Target:	HD-RAB-04 attempted to drill across a lithological fault contact between biotite-quartz schist and quartz-biotite gneiss
Comments:	Quartz-biotite (w/ phlogopite) schist, very weakly oxidized; non-mag; no sulfides

Footage (ft)		Lithology		Bedrock				Alteration					Mineralization				Analytical	
From	To	Lith	Description	Colour	Oxidation	% Qtz vein	% Carbnt'	Chlorite	Biotite	Sericite	Silicifctn'	Potassic	% py	% aspy	% cpy	% po	Sample No.	
0	1.5	QBS	grey, finely foliated schistose chips predominately with 7% cream to rusty coloured chips (marble? or feldspar?) and 2% orange k-spar chips; ~40% qtz, 60% mafics (mostly biotite>phlogopite), trace feldspars?, foliation is defined by fine biotite and rarely qtz; possibly trace fine pyrite although this could be altering biotite; non-mag; very weak HCl reaction; spotty moderate oxidation of biotite;	gy	1								0.1					30116
1.5	3	QBS	as above except ~30% cream chips and no orange k-spar chips;	gy	1													30117
3	4.5	QBS	as above, closer to first interval (0-1.5m); muscovite seen in dry chips, 10% max; fine green chlorite imparts a faint greenish colour; no HCl reaction; non-mag;	gy	1													30118
4.5	6	QBS	as above, higher qtz content, to 50%, chips pretty small 3-4mm;	gy	1													30119

Summary

Location:	Henderson
UTM Zone:	NAD 83 Zone 07
UTM Easting:	583331
UTM Northing:	7029602

Hole ID:	HDRAB17-05
Depth:	33m
Azimuth:	270
Inclination:	-65

Geologist:	Bruce Kienlen
Drill Start Date & Time:	26-Sep-17
Drill End Date & Time:	26-Sep-17

Drill Target: HD-RAB-05 was planned to test across an interpreted step fault

Comments: Quartz biotite-phlogopite ± garnet schist , predominately weakly oxidized; non-mag; trace pyrite; tan yellow quartz vein 24-25.5m; rusty fault at 4.5-6m

Footage (ft)		Lithology		Bedrock				Alteration					Mineralization				Analytical
From	To	Lith	Description	Colour	Oxidation	% Qtz vein	% Carbnt'	Chlorite	Biotite	Sericite	Silicifctn'	Potassic	% py	% aspy	% cpy	% po	Sample No.
0	1.5	QBS	Predominately clear to whiteish and black chips of 50-65% biotite>phlogopite >> muscovite, 35-50% quartz, possibly minor feldspar and 30% tan coloured quartz chips; B&W (grey) chips show moderate thin foliation in fine grained micas and schistose texture, coarse qtz bands look gneissic; slight oxidation; qtz chips show fine black specs (bt?) and an slight orangey-tan discolouration; chips are non reactive to HCl and non-mag; no sulfides seen	gy	1	30											30125
1.5	3	BQS	as above, richer in qtz content in grey chips, ~60%;	gy	1	30											30126
3	4.5	QBS	As above; 3% of chips have strong oxidation but some looks wirey and very magnetic and may be contamination; qtz content varies in grey chips from 50-60%; minor reddish mineral (garnets?) on some chip surfaces;	gy	1	5											30127

Footage (ft)		Lithology	Bedrock				Alteration				Mineralization				Analytical
4.5	6	QBS Strongly to moderately oxidized with several odd shaped very magnetic chips like last interval, some are flat steel others thin rusty wire-like; strong oxidation on 60% of schist chips so it is the rock interval that is oxidized not just contamination of rusty steel; oxidation looks different than just oxidized biotite but no sulfides seen; recovery may have been poor since chip tray is only 1/3 full;	or	4	10									30128	
6	7.5	QBS Similar to above unoxidized schist chips with less quartz-only chips, 5%; minor oxidation; weakly HCl reaction; non-mag; no sulfides;	gy	2	5									30129	
7.5	9	QBS As above, micas are mostly black biotite some altering to green chlorite; very little oxidation;	gy	1										30131	
9	10.5	QBS As above; still minor muscovite recognizable in dry chips	gy	1	1									30132	
10.5	12	QBS As above, except moderate pervasive oxidation and moderate HCl reaction, non-mag; qtz chips discoloured to orangy tan; tract pyrite as very small euhedral xtals sometimes very oxidized	or gy	3	5						0.1			30133	
12	13.5	QBS As above except slightly less oxidation mostly noticable from orangish tan qtz chips; most of these chips do not look like pure quartz but rather have 5-20% bt; rare calcite xtals; weak HCl reaction (except on calcite); fine translucent pink-red xtals (garnet?) on few chips; non-mag;	gy	2	5						0.1			30134	
13.5	15	QBS As above except less oxidation and almost no HCl reaction; no qtz chips	gy	1										30135	
15	16.5	QBS As above but no oxidation; one probable anhedral pyrite xtal seen; rare tan qtz chips	gy		1						0.1			30136	

Footage (ft)		Lithology		Bedrock			Alteration					Mineralization					Analytical
16.5	18	QBS	As above except weak oxidation and more common orangy qtz chips; oxidation , limonite, seems strongest along flat chip surfaces (fractures?); no sulfides seen	gy	2	12											30137
18	19.5	QBS	As above with a bit more limonite oxidation	gy	3	2											30138
19.5	21	QBS	As above except slightly less oxidation;	gy	2	2											30139
21	22.5	QBS	As above, back to weak to moderate	gy	3	5											30140
22.5	24	QBS	As above, rare strongly oxidized chips;	gy	2	1											30141
24	25.5	QVN	Cream yellow to white quartz chips 95%, 5% schist chips; qtz chips are weakly discoloured to orangy colour, nearly pure but with very fine dark specs, maybe bt and chl; weakly HCl reactive	yel	2	95											30142
25.5	27	QBS	85% grey schist chips as above and 15% creamy qtz chips; almost no oxidation; weak HCl reaction, non-mag; bt seems massive like hornblende although typical bt predominates mafics	gy	1	10											30143
27	28.5	QBS	As above, biotite quite massive looking (possibly hornblende) and makes up 65% of chips	gy	1	2											30144
28.5	30	QBS	As above, a few qtz chips are rusty colour but otherwise no oxidation;	gy	1	2											30145
30	33		No Chips 33m EOH Wall Collapse														30146

EOH

Summary

Location:	Henderson
UTM Zone:	NAD 83 Zone 07
UTM Easting:	583316
UTM Northing:	7029576

Hole ID:	HD-RAB17-06
Depth:	60m
Azimuth:	270
Inclination:	-60

Geologist:	Bruce Kienlen
Drill Start Date & Time:	27-Sep-17
Drill End Date & Time:	27-Sep-17

Drill Target: HD-RAB-06 attempted to drill across a lithological fault contact between biotite-quartz schist and quartz-biotite gneiss

Comment: Black and white quartz-biotite to biotite-quartz schist; weakly oxidized & chlorite altered downhole with trace pyrite

Footage (ft)		Lithology		Bedrock				Alteration					Mineralization				Analytical
From	To	Lith	Description	Colour	Oxidation	% Qtz vein	% Carbnt'	Chlorite	Biotite	Sericite	Silicifctn'	Potassic	% py	% aspy	% cpy	% po	Sample No.
0	1.5	QBS	Mix of schistose chips (50-65% brownish-black micas (biotite>phlogopite) with 35-50% quartz and feldspar chips (creamy to slightly orangy); the schist chips are weakly oxidized which may result in phl micas; there are coarse qtz bands which give a coarse texture but generally schistose; non-mag, no HCl reaction; no sulfides;	gy & wt	1	15											30051
1.5	3	QBS	predominately schist chips with mostly black fine grained bt mica and white to clear quartz; qtz chips have 1-5% micas so may be bands within the schist rather than quartz veins; no oxidation; no HCl reaction & non-mag;	gy		5											30052
3	4.5	QBS	As above; weak to moderate patchy oxidation resuting in limonite; 20% dirty tan qtz chips	gy	1								0.1				30053
4.5	6	QBS	As above; no sulfide seen	gy	1												30054
6	7.5	QBS	As above	gy	1												30055
7.5	9	QBS	50:50 mix of schist chips, very weakly selectively oxidized, and off-white quartz chips with trace euhedral to anhedral fine tarnished pyrite; weak to moderate HCl reaction;	gy & wt	1	50							0.1				30056

Footage (ft)		Lithology		Bedrock			Alteration					Mineralization			Analytical
9	10.5	QBS	back to predominately black and white-clear schistose chips (90%); no oxidation; no sulfides seen; bt predominate mica	gy											30057
10.5	12	QBS	as above with 30% off white qtz chips; 10% of schist chips show moderate to strong oxidation (limonite) on flat surfaces (fractures); moderate HCl reaction; non-mag;	gy	2	30									30058
12	13.5	QBS	as above but trace pyrite on schist chips; 5% white qtz chips;	gy								0.1			30059
13.5	15	QBS	As above, trace pyrite elongate along foliation and anhedral specs; chl alteration very weak throughout; weak, selective HCl reaction; weak oxidation;	gy	1			1				0.1			30061
15	16.5	QBS	As above except no pyrite seen and almost no chl alt'n and no oxidation; no HCL reaction; non-mag	gy											30062
16.5	18	QBS	As above except phl more common (~35% of mica) (brown-black mica ~35% of chips);	gy											30063
18	19.5	QBS	As above; 15% of chips show weak limonite oxidation	gy	2										30064
19.5	21	QBS	As above but less oxidation; trace fine pyrite along foliation (which is well defined by bt-phl and coarser qtz banding)	gy	1							0.1			30065
21	22.5	QBS	As above	gy	1							0.1			30066
22.5	24	QBS	As above; 20% qtz rich chips; pyrite slightly more common as specs and elongate along foliation; weak oxidation	gy	1							0.2			30067
24	25.5	QBS	As above but no oxidation and no sulfide; no HCl reaction, non-mag	gy											30068
25.5	27	QBS	As above	gy											30069
27	28.5	QBS	As above	gy											30070

Footage (ft)		Lithology	Bedrock				Alteration				Mineralization				Analytical								
28.5	30	QBS	As above but with trace fine pyrite and trace chlorite and limonite alteration; minor fine garnets; some chips have distinct white qtz and more usual grey-clear qtz. the white				gy						1					0.1					30071
30	31.5	QBS	As above, slightly less chl and limonite alteration and no pyrite seen				gy																30072
31.5	33	BQS	grey schist as above but more qtz (55-60%), 40-55% bt>phl>musc; no sulfide seen; almost no chl alt'n and no oxidation; non-mag, no HCl reaction;				gy																30073
33	34.5	QBS	reduced qtz content, ~ 55% predominately black micas (biotite>phlogopite>musc) with 45% quartz; trace limonite alteration on chips;				gy	1															30074
34.5	36	QBS	qtz content varying between 65%-40%, chl & limonite alteration weakly present on 20% of chips; dirty quartz rich chips ~20-25%; trace pyrite as fine anhedral specs				gy	1															30075
36	37.5	QBS	As above				gy	1															30076
37.5	39	QBS	As above; qtz rich chips are commonly tan and have the most chl alteration (after biotite);				gy	1															30077
39	40.5	QBS	As above				gy	1															30078
40.5	42	QBS	As above				gy	1															30079
42	43.5	QBS	As above				gy	1															30081
43.5	45	QBS	As above; less chl alteration but slightly more pyrite at least on several chips; qtz banding pronounced				gy	1															30082
45	46.5	QBS	As above but back to just trace pyrite				gy																30083

Summary

Location:	Henderson
UTM Zone:	NAD 83 Zone 07
UTM Easting:	583303
UTM Northing:	7029535

Hole ID:	HDRAB17-07
Depth:	49.5m
Azimuth:	270
Inclination	-70

Geologist:	Bruce Kienlen
Drill Start Date & Time:	27-Sep-17
Drill End Date & Time:	27-Sep-17

Drill Target: HD-RAB-07 attempted to drill across a lithological fault contact between biotite-quartz schist and quartz-biotite gneiss
Comments: Light orange to grey quartz ± feldspar biotite schist to gneiss, weakly chlorite and clay/limonite altered; a quartz vein or

Depth (m)		Lithology		Bedrock				Alteration					Mineralization				Analytical	
From	To	Lith	Description	Colour	Oxidation	% Qtz vein	% Carbnt'	Chlorite	Biotite	Sericite	Silicifctn'	Potassic		% py	% aspy	% cpy	% po	Sample No.
0	1.5	QBS	Chips of orangy grey schistose to gneissic rock, 25-30% feldspars, some euhedral, coloured pale orange to less common to rare white (potassium feldspar>plagioclase), 40% grey quartz, and ~30% mica (biotite>phlogopite); gneissic texture is well defined by mineral layering but variably thick banding; chlorite alteration is weak to moderate, mostly on biotite and there's limonite and clay alteration of the feldspar that may be discolouring them; some intense clay alteration (dirty reddish); no sulfides seen, no HCl reaction, non-mag;	org gy				3										30301
1.5	3	QBS	As above	org gy				3										30302

Depth (m)		Lithology		Bedrock			Alteration				Mineralization				Analytical
3	4.5	QBS	As above but more orange colour of feldspars, moderate chlorite and clay alteration and probably epidote alteration; weak HCl reaction	org	gy		3								30303
4.5	6	QBS	As above but a little weaker chl alt and much less epidote alteration; less intense orange colour probably lower feldspar content; trace euhedral pyrite	gy			2				0.1				30304
6	7.5	QBS	as above	gy			2								30305
7.5	9	QBS	As above, with a bit more yellowy clay alteration on feldspars and limonite alteration; moderate HCl reaction	yel	gy		2								30306
9	10.5	QBS	As above	yel	gy		2								30307
10.5	12	QBS	a bit more intensely altered with chlorite, epidote and clay alteration and orangy pink colouration to feldspars even deep red (perhaps just on fracture surface)	org	gy		3								30308
12	13.5	QBS	As above but slightly less intense alteration; still moderate HCl reaction;	gy			2								30309
13.5	15	QBS	back to slightly more intense alteration similar to 12-13.5m above;	yel	gy		3								30310
15	16.5	QBS	As above but almost no epidote alt; more orangy feldspar chips (30%); moderate HCl reaction	org	gy		2								30311
16.5	18	QBS	As above, slightly stronger HCl reaction; 1% pure white qtz chips	org	gy	1	2								30312

Depth (m)		Lithology		Bedrock		Alteration				Mineralization				Analytical
18	19.5	QBS	As above; 5% pure white quartz chips; no sulfides; moderate HCl reaction	gy	5	3								30313
19.5	21	QBS	As above; paler coloured feldspars, no pure qtz chips; trace pyrite; weak chl-clay alteration	gy		3					0.1			30314
21	22.5	QBS	As above mixed with orange feldspar gneiss chips	org gy		3								30315
22.5	24	QBS	As above; orange feldspar is dominate mineral in gneiss chips	org gy		2								30316
24	25.5	QBS	As above, a little epidote alteration present on most chips; weak HCl reaction; no sulfides seen	org gy		2								30317
25.5	27	QBS	Predominately clean white/clear qtz-feldspar gneiss chips with 30% of previous orangy gneiss chips, some of which have moderate oxidation; alteration gone on clean chips; strong HCl reaction;	org gy	2	1								30318
27	28.5	QBS	Mix of clean and orangy gneiss chips	org gy	2	1								30319
28.5	30	QBS	predominately orangy feldspar gneiss chips and fairly pure orangy feldspar chips; clay alteration, without chlorite, is common (selective weak to moderate); weak to moderate oxidation on select chips; trace pyrite	org gy	2	2	1				0.1			30321

Depth (m)		Lithology		Bedrock			Alteration					Mineralization				Analytical
30	31.5	QBS	mix of clean, qtz rich and orangy gneiss chips; less altered than previous interval; strong oxidation on 5% of chips along probable fractures; moderate HCl reaction;	yel gy	1		1									30322
31.5	33	QBS	As above but less orangy colour more qtz rich;	gy			1									30323
33	34.5	QBS	As above;	gy			1									30324
34.5	36	QBS	As above but light orangy pink colour more prevalent suggesting higher feldspar content but hard to see cleavage; moderate HCl reaction	gy	1		1									30325
36	37.5	QBS	a bit more orangy again and more chlorite and limonite alteration; trace fine pyrite;	org gy	2		2					0.1				30326
37.5	39	QBS	As above but less orange colour and less chlorite alteration; weak HCl reaction;	gy	1		1									30327
39	40.5	QBS	As above but chlorite and clay alteration weak to moderate; moderate HCl reaction	gy			2									30328
40.5	42	QBS	As above but weaker chlorite and clay alteration; weak HCl reaction	gy			1									30329
42	43.5	QBS	As above;	gy			1									30331

Depth (m)		Lithology	Bedrock	Alteration	Mineralization	Analytical
43.5	45	QVN Change to tan yellow to orange rusty quartz vein; very clean quartz chips, yellowish-orange colour (at first I thought this was a felsic dyke but I can't see any cleavage planes or crystal faces), this may also be coarse quartzite; ~5% chips have rusty clay alteration, maybe limonite;	yel			30332
45	46.5	QVN As above	yel			30333
46.5	48	QVN As above	yel			30334
48	49.5	QVN As above	yel			30335
	EOH	Two additional samples (30336 & 30337) were submitted to SGS. It is assumed they are attempts to drill deeper and represent either one interval (49.5-51m) or two (51-52.5m) or material from higher up in the hole caving in.				
		Driller's Comments:				
		Bit jammed in fault material and ripped off.				

APPENDIX 3
RAB Drilling
Assay Certificates



Certificate of Analysis
Work Order : VC173821
[Report File No.: 0000026355]

Date: November 30, 2017

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

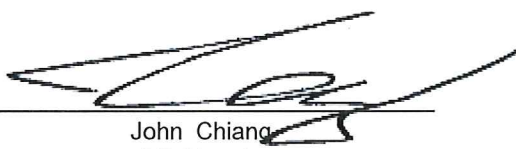
P.O. No.: BLVD-90503-05 / YK17-HD
 Project No.: HD-90503-05
 Samples: 76
 Received: Oct 10, 2017
 Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

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
72	G_PRP89	Weigh, dry, (up to 3.0 kg) crush to 75% passing 2 mm, split 250 g, pulverize to
76	GE_FAA313	@Au, FAS, AAS, 30g-5ml(Final Mode)
76	GE_ICP14B	Aqua Regia digestion/ICP-AES package

Storage: Pulp & Reject

REJECT STORAGE : RETURN AFTER 30 DAYS
 PULP STORAGE : RETURN 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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Element Method Def.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
D00030101	1.635	7	<2	0.29	<3	43	<0.5	<5
D00030102	3.200	<5	<2	0.37	3	47	<0.5	<5
D00030103	7.560	<5	<2	0.37	<3	70	<0.5	<5
D00030104	7.995	<5	<2	0.29	<3	60	<0.5	<5
D00030105	5.040	<5	<2	0.30	<3	91	<0.5	<5
D00030106	5.030	<5	<2	0.31	<3	56	<0.5	<5
D00030107	3.440	<5	<2	0.29	<3	42	<0.5	<5
D00030108	3.790	<5	<2	0.32	<3	33	<0.5	<5
D00030109	3.045	<5	<2	0.32	4	48	<0.5	<5
D00030110	2.960	<5	<2	0.28	5	35	<0.5	<5
D00030111	1.490	<5	<2	0.30	5	32	<0.5	<5
D00030112	7.900	7	<2	0.95	6	220	<0.5	<5
D00030113	7.070	<5	<2	1.28	10	239	0.6	<5
D00030114	13.050	8	<2	1.21	9	237	<0.5	<5
D00030116	2.110	<5	<2	1.74	6	255	<0.5	<5
D00030117	2.935	<5	<2	1.26	3	195	<0.5	<5
D00030118	6.795	<5	<2	1.79	3	330	<0.5	<5
D00030119	7.280	<5	<2	1.76	4	157	<0.5	<5
D00030120	0.110	8	<2	1.88	7	116	<0.5	<5
D00030121	7.910	<5	<2	1.93	4	239	<0.5	<5
D00030122	6.025	<5	<2	1.85	4	385	<0.5	<5
D00030123	6.010	5	<2	2.23	4	600	<0.5	<5
D00030124	0.250	<5	<2	1.63	6	446	<0.5	<5
D00030125	5.345	5	<2	1.20	6	167	<0.5	<5
D00030126	6.595	<5	<2	1.18	4	189	<0.5	<5
D00030127	3.465	<5	<2	1.99	<3	382	<0.5	<5
D00030128	3.190	<5	<2	2.18	4	422	<0.5	<5
D00030129	7.235	<5	<2	2.33	<3	536	<0.5	<5
D00030130	0.110	1080	<2	3.23	32	130	<0.5	<5
D00030131	5.225	5	<2	2.23	4	582	<0.5	<5
D00030132	4.320	5	<2	2.34	3	526	<0.5	<5
D00030133	6.700	6	<2	2.35	<3	531	<0.5	<5
D00030134	8.070	<5	<2	2.01	5	418	<0.5	<5
D00030135	8.135	6	<2	2.02	4	497	<0.5	<5
D00030136	7.920	<5	<2	2.38	<3	610	<0.5	<5
D00030137	10.420	<5	<2	2.06	<3	491	<0.5	<5
*Dup D00030137	N.A.	6	<2	2.17	<3	511	<0.5	<5
D00030138	7.215	6	<2	2.37	4	532	<0.5	<5
D00030139	9.830	<5	<2	2.00	4	567	<0.5	<5
D00030140	5.810	<5	<2	2.26	3	298	<0.5	<5

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Report File No.: 0000026355

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
D00030141	10.410	<5	<2	2.33	7	340	<0.5	<5
D00030142	4.770	6	<2	0.39	6	80	<0.5	<5
D00030143	6.790	<5	<2	2.12	4	349	<0.5	<5
D00030144	6.715	<5	<2	2.59	<3	333	<0.5	<5
D00030145	7.710	6	<2	2.67	<3	396	<0.5	<5
D00030146	5.660	<5	<2	2.28	3	290	<0.5	<5
D00030051	3.605	<5	<2	1.93	6	339	<0.5	<5
D00030052	1.140	<5	<2	1.87	3	495	<0.5	<5
D00030053	5.885	<5	<2	2.08	5	570	<0.5	<5
D00030054	11.820	<5	<2	2.39	4	634	<0.5	<5
D00030055	13.140	<5	<2	2.23	<3	715	<0.5	<5
D00030056	10.975	<5	<2	2.11	4	687	<0.5	<5
D00030057	12.315	<5	<2	2.31	5	627	<0.5	<5
D00030058	9.265	<5	<2	0.99	3	317	<0.5	<5
D00030059	9.980	<5	<2	2.16	5	513	<0.5	<5
D00030060	0.110	1030	<2	3.17	32	127	<0.5	<5
D00030061	9.770	<5	<2	2.03	3	361	<0.5	<5
D00030062	10.735	<5	<2	2.19	3	551	<0.5	<5
D00030063	9.300	<5	<2	2.15	<3	612	<0.5	<5
D00030064	10.575	<5	<2	2.36	5	674	<0.5	<5
D00030065	9.910	<5	<2	2.35	<3	684	<0.5	<5
D00030066	9.680	<5	<2	2.11	3	456	<0.5	<5
D00030067	9.815	<5	<2	2.12	3	452	<0.5	<5
D00030068	9.005	<5	<2	2.10	4	527	<0.5	<5
D00030069	10.585	<5	<2	2.27	3	578	<0.5	<5
D00030070	8.785	<5	<2	2.26	<3	644	<0.5	<5
D00030071	6.890	<5	<2	2.28	<3	549	<0.5	<5
D00030072	9.355	<5	<2	2.32	4	684	<0.5	<5
D00030073	6.060	<5	<2	2.35	<3	801	<0.5	<5
D00030074	6.555	<5	<2	2.13	5	562	<0.5	<5
D00030075	5.930	<5	<2	1.84	4	265	<0.5	<5
D00030076	7.550	<5	<2	2.04	3	551	<0.5	<5
D00030077	5.560	<5	<2	1.86	4	408	<0.5	<5
D00030078	6.595	<5	<2	1.88	<3	319	<0.5	<5
D00030079	5.465	<5	<2	2.08	4	467	<0.5	<5
D00030080	0.110	<5	<2	1.82	6	116	<0.5	<5
D00030081	5.480	<5	<2	1.93	3	488	<0.5	<5
*Rep D00030126		<5						
*Rep D00030054		<5						
*Std OXN117		7700						

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*Std OREAS251	469						
*Std OREAS222	1260						
*Blk BLANK	<5						
*Rep D00030125		<2	1.25	7	163	<0.5	<5
*Rep D00030053		<2	2.09	5	559	<0.5	<5
*Rep D00030065		<2	2.29	3	693	<0.5	<5
*Std OREAS601		51	0.84	308	401	0.6	21
*Std OREAS210		<2	2.37	3820	183	<0.5	<5
*Std OREAS601		52	0.90	318	395	0.7	22
*Std OREAS210		<2	2.22	3740	166	<0.5	<5
*Blk BLANK		<2	<0.01	<3	<5	<0.5	<5
*Blk BLANK		<2	<0.01	<3	<5	<0.5	<5

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Report File No.: 0000026355

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 %
D00030101	0.41	<1	1	6	3.7	0.83	<1	0.11
D00030102	0.73	<1	1	7	4.7	1.01	<1	0.11
D00030103	0.84	<1	<1	8	4.4	1.12	<1	0.13
D00030104	0.76	<1	<1	12	5.2	0.97	<1	0.11
D00030105	0.60	<1	1	13	6.7	1.12	<1	0.12
D00030106	0.55	<1	1	13	8.3	1.20	<1	0.14
D00030107	0.66	<1	1	12	5.8	0.95	<1	0.10
D00030108	0.96	<1	1	14	9.2	1.01	<1	0.12
D00030109	1.11	<1	1	13	6.1	1.03	<1	0.11
D00030110	0.97	<1	<1	10	4.9	0.80	<1	0.08
D00030111	0.86	<1	1	10	4.7	0.95	<1	0.09
D00030112	0.52	<1	7	20	14.2	2.13	<1	0.25
D00030113	1.36	<1	11	35	26.0	2.87	<1	0.33
D00030114	1.21	<1	10	30	23.4	2.71	<1	0.32
D00030116	0.77	1	11	14	19.3	3.30	<1	0.40
D00030117	0.62	<1	9	29	18.0	2.65	<1	0.29
D00030118	0.76	1	12	20	28.0	3.49	<1	0.53
D00030119	0.87	1	12	30	34.7	3.62	<1	0.28
D00030120	1.05	1	8	41	48.8	3.32	<1	0.18
D00030121	0.91	1	13	26	29.5	3.63	<1	0.41
D00030122	0.87	1	12	30	41.4	3.60	<1	0.62
D00030123	1.16	1	14	39	43.2	4.69	<1	0.94
D00030124	0.93	2	12	105	85.9	4.91	<1	0.65
D00030125	0.69	<1	9	12	22.9	2.26	<1	0.24
D00030126	0.63	<1	7	22	11.6	2.31	<1	0.35
D00030127	0.69	1	12	19	20.0	3.25	<1	0.91
D00030128	0.88	1	14	62	26.3	4.22	<1	0.87
D00030129	1.09	1	16	34	35.9	4.06	<1	0.98
D00030130	2.24	1	14	129	111	3.03	<1	0.24
D00030131	0.85	1	15	23	45.5	3.82	<1	1.00
D00030132	0.91	1	15	18	67.8	4.15	<1	1.16
D00030133	1.20	1	15	16	30.3	4.18	<1	0.87
D00030134	1.14	1	13	13	46.3	3.52	<1	0.69
D00030135	1.01	1	13	15	43.3	3.58	<1	0.92
D00030136	1.07	1	14	16	50.4	3.99	<1	1.03
D00030137	1.34	1	14	17	33.4	3.65	<1	0.95
*Dup D00030137	1.42	1	14	16	31.7	3.82	<1	0.99
D00030138	1.22	1	14	15	29.1	4.18	<1	0.95
D00030139	1.72	1	13	13	22.4	3.65	<1	0.64
D00030140	2.11	1	15	14	25.6	4.06	<1	0.47

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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 %
D00030141	1.60	1	13	16	28.0	4.05	<1	0.61
D00030142	0.63	<1	3	9	10.5	0.88	<1	0.10
D00030143	1.51	1	14	17	37.0	3.75	<1	0.56
D00030144	1.76	2	17	15	74.1	4.63	<1	0.62
D00030145	1.94	1	15	20	37.3	4.23	<1	0.47
D00030146	1.51	1	13	18	27.5	3.61	<1	0.47
D00030051	0.86	1	11	15	19.8	3.45	<1	0.57
D00030052	0.74	1	13	15	35.5	3.33	<1	0.84
D00030053	0.67	1	14	11	19.5	3.58	<1	1.12
D00030054	0.92	1	13	13	31.8	4.09	<1	1.07
D00030055	0.81	1	13	10	33.6	3.68	<1	1.22
D00030056	0.88	1	13	12	28.1	3.63	<1	1.15
D00030057	1.06	1	13	12	21.6	3.85	<1	0.98
D00030058	0.60	<1	7	8	21.5	1.79	<1	0.46
D00030059	1.57	1	14	12	45.3	3.96	<1	1.09
D00030060	2.12	1	14	121	114	3.23	<1	0.24
D00030061	1.44	1	14	13	40.7	3.71	<1	0.65
D00030062	1.11	1	15	11	33.8	3.90	<1	1.02
D00030063	1.04	<1	13	12	29.8	3.77	<1	0.98
D00030064	1.37	1	15	16	44.8	4.19	<1	1.02
D00030065	1.12	1	15	13	34.6	3.95	<1	1.12
D00030066	1.10	1	14	12	39.8	3.58	<1	0.85
D00030067	1.05	1	14	14	24.8	3.76	<1	1.02
D00030068	1.32	1	14	14	36.1	3.62	<1	0.95
D00030069	1.25	1	15	13	28.2	3.65	<1	0.90
D00030070	1.14	1	13	17	26.1	4.14	<1	0.95
D00030071	1.46	1	15	15	29.9	3.76	<1	0.81
D00030072	1.06	1	15	14	29.0	3.92	<1	1.09
D00030073	0.90	1	14	16	21.1	3.98	<1	1.19
D00030074	0.99	1	14	14	27.7	3.65	<1	0.85
D00030075	1.42	1	14	14	18.6	3.35	<1	0.48
D00030076	0.81	1	14	16	27.8	3.67	<1	0.92
D00030077	0.82	1	13	16	15.6	3.32	<1	0.94
D00030078	0.79	<1	13	15	16.0	3.28	<1	0.85
D00030079	0.84	1	13	17	13.6	3.55	<1	1.23
D00030080	0.98	1	8	40	49.2	3.41	<1	0.17
D00030081	0.69	<1	13	15	14.0	3.23	<1	1.29

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Report File No.: 0000026355

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 %
*Rep D00030125	0.72	<1	9	15	23.1	2.39	<1	0.24
*Rep D00030053	0.64	1	13	12	20.2	3.66	<1	1.11
*Rep D00030065	1.11	1	15	14	34.7	3.85	<1	1.10
*Std OREAS601	1.08	9	5	44	1000	2.17	<1	0.27
*Std OREAS210	3.37	4	26	74	169	10.0	<1	0.13
*Std OREAS601	1.10	9	5	47	1030	2.19	<1	0.26
*Std OREAS210	3.20	4	26	70	165	9.78	<1	0.12
*Blk BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<1	<0.01
*Blk BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<1	<0.01

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Element Method Def.Lim. Units	@La	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P
	GE_ICP14B 0.5 ppm	GE_ICP14B 1 ppm	GE_ICP14B 0.01 %	GE_ICP14B 2 ppm	GE_ICP14B 1 ppm	GE_ICP14B 0.01 %	GE_ICP14B 1 ppm	GE_ICP14B 0.01 %
D00030101	26.4	1	0.06	126	<1	0.03	2	<0.01
D00030102	33.8	1	0.06	188	<1	0.03	3	<0.01
D00030103	33.9	1	0.04	187	<1	0.04	3	<0.01
D00030104	37.9	1	0.04	164	2	0.03	2	<0.01
D00030105	41.8	2	0.04	168	2	0.03	2	<0.01
D00030106	34.5	1	0.03	169	4	0.05	3	<0.01
D00030107	27.6	1	0.03	159	2	0.03	3	<0.01
D00030108	25.3	2	0.05	203	2	0.03	3	<0.01
D00030109	27.0	1	0.03	214	3	0.03	3	<0.01
D00030110	27.5	1	0.03	162	2	0.02	2	<0.01
D00030111	27.5	1	0.03	174	2	0.03	3	<0.01
D00030112	16.6	8	0.41	286	<1	0.05	13	0.04
D00030113	29.6	14	0.64	305	<1	0.04	24	0.07
D00030114	27.3	12	0.58	301	1	0.04	21	0.06
D00030116	9.2	14	1.02	533	1	0.08	7	0.05
D00030117	5.9	10	0.78	388	4	0.06	5	0.04
D00030118	6.2	14	1.19	560	4	0.07	6	0.05
D00030119	7.3	11	1.17	568	6	0.08	7	0.05
D00030120	4.6	10	0.86	501	7	0.13	32	0.06
D00030121	7.4	14	1.36	579	6	0.07	7	0.06
D00030122	6.3	14	1.14	549	8	0.08	7	0.05
D00030123	5.9	15	1.28	681	7	0.12	7	0.06
D00030124	9.4	12	0.90	616	19	0.09	17	0.05
D00030125	4.3	8	0.67	341	<1	0.07	5	0.04
D00030126	3.9	8	0.66	359	2	0.09	6	0.04
D00030127	6.2	12	1.23	510	2	0.07	7	0.05
D00030128	6.7	14	1.38	636	9	0.08	8	0.06
D00030129	8.0	13	1.38	662	6	0.10	8	0.06
D00030130	9.7	9	1.48	432	3	0.39	122	0.04
D00030131	7.9	11	1.38	617	5	0.09	7	0.06
D00030132	7.8	13	1.52	656	9	0.08	8	0.07
D00030133	7.9	13	1.47	686	5	0.09	6	0.07
D00030134	6.2	11	1.25	586	3	0.08	7	0.06
D00030135	5.8	11	1.21	571	5	0.09	5	0.06
D00030136	6.6	11	1.41	644	4	0.12	6	0.06
D00030137	6.7	13	1.31	614	3	0.09	6	0.06
*Dup D00030137	7.0	13	1.37	649	3	0.09	6	0.06
D00030138	5.8	13	1.38	667	3	0.09	6	0.06
D00030139	6.9	12	1.21	622	2	0.07	5	0.06
D00030140	6.4	17	1.49	733	2	0.06	5	0.06

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Element Method Det.Lim. Units	@La GE_ICP14B 0.5 ppm	@Li GE_ICP14B 1 ppm	@Mg GE_ICP14B 0.01 %	@Mn GE_ICP14B 2 ppm	@Mo GE_ICP14B 1 ppm	@Na GE_ICP14B 0.01 %	@Ni GE_ICP14B 1 ppm	@P GE_ICP14B 0.01 %
D00030141	11.1	12	1.29	672	<1	0.13	5	0.06
D00030142	1.4	2	0.15	162	2	0.06	2	<0.01
D00030143	6.0	14	1.34	655	2	0.09	5	0.06
D00030144	4.3	16	1.60	733	1	0.16	6	0.09
D00030145	2.2	14	1.57	733	3	0.17	6	0.08
D00030146	3.4	12	1.31	611	2	0.14	5	0.06
D00030051	6.9	17	1.08	575	3	0.12	5	0.05
D00030052	5.9	14	1.16	546	4	0.11	7	0.06
D00030053	7.6	17	1.31	621	2	0.06	4	0.05
D00030054	5.9	14	1.41	689	2	0.10	5	0.06
D00030055	5.6	15	1.35	610	3	0.08	4	0.05
D00030056	4.4	15	1.28	592	3	0.09	4	0.06
D00030057	6.8	14	1.28	598	1	0.14	5	0.06
D00030058	3.5	6	0.57	317	3	0.06	3	0.03
D00030059	6.1	13	1.35	684	5	0.08	5	0.06
D00030060	9.8	9	1.50	440	3	0.37	120	0.04
D00030061	6.9	12	1.29	600	3	0.10	5	0.06
D00030062	7.9	12	1.46	621	1	0.11	5	0.06
D00030063	5.7	12	1.36	608	1	0.11	5	0.06
D00030064	6.6	12	1.41	657	1	0.14	5	0.06
D00030065	6.1	15	1.49	641	2	0.10	5	0.06
D00030066	6.4	12	1.33	576	1	0.10	5	0.06
D00030067	7.4	13	1.41	616	1	0.11	5	0.05
D00030068	5.8	14	1.34	588	7	0.09	5	0.06
D00030069	5.6	12	1.38	580	<1	0.11	5	0.06
D00030070	4.3	12	1.42	607	1	0.13	6	0.06
D00030071	6.4	13	1.43	589	1	0.10	5	0.06
D00030072	9.0	14	1.53	655	<1	0.09	5	0.06
D00030073	9.7	13	1.48	627	<1	0.12	5	0.05
D00030074	8.4	14	1.45	593	<1	0.09	5	0.05
D00030075	10.5	11	1.32	602	1	0.07	5	0.05
D00030076	11.5	14	1.37	652	1	0.07	5	0.05
D00030077	10.4	12	1.28	593	1	0.05	5	0.05
D00030078	8.3	12	1.31	575	<1	0.06	5	0.05
D00030079	8.8	13	1.33	606	1	0.07	5	0.05
D00030080	4.1	10	0.86	498	7	0.13	32	0.06
D00030081	9.2	12	1.26	539	1	0.07	5	0.05

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Element Method Det.Lim. Units	@La GE_ICP14B 0.5 ppm	@Li GE_ICP14B 1 ppm	@Mg GE_ICP14B 0.01 %	@Mn GE_ICP14B 2 ppm	@Mo GE_ICP14B 1 ppm	@Na GE_ICP14B 0.01 %	@Ni GE_ICP14B 1 ppm	@P GE_ICP14B 0.01 %
*Rep D00030125	4.8	7	0.69	356	1	0.07	6	0.04
*Rep D00030053	8.7	16	1.34	633	2	0.06	4	0.05
*Rep D00030065	6.6	16	1.45	626	2	0.10	5	0.06
*Std OREAS601	22.0	8	0.21	436	3	0.07	23	0.04
*Std OREAS210	12.0	11	2.33	3470	2	0.16	93	0.25
*Std OREAS601	22.7	8	0.21	440	3	0.07	26	0.04
*Std OREAS210	11.2	11	2.25	3360	2	0.14	90	0.24
*Blk BLANK	<0.5	<1	<0.01	<2	<1	<0.01	<1	<0.01
*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	@Ti GE_ICP14B 0.01 %	@V GE_ICP14B 1 ppm
D00030101	2	0.02	<5	<0.5	<10	9.3	<0.01	3
D00030102	3	0.02	<5	0.6	<10	13.4	<0.01	4
D00030103	3	0.03	<5	<0.5	<10	14.3	<0.01	3
D00030104	4	0.04	<5	<0.5	<10	16.6	<0.01	3
D00030105	6	0.03	<5	<0.5	<10	13.1	<0.01	3
D00030106	12	0.03	<5	<0.5	<10	12.0	<0.01	3
D00030107	3	0.03	<5	<0.5	<10	12.2	<0.01	2
D00030108	6	0.05	<5	0.5	<10	16.6	<0.01	3
D00030109	7	0.03	<5	<0.5	<10	16.9	<0.01	3
D00030110	9	0.05	<5	<0.5	<10	12.4	<0.01	2
D00030111	11	0.04	<5	<0.5	<10	11.6	<0.01	2
D00030112	7	0.08	<5	2.3	<10	38.1	0.08	28
D00030113	7	0.20	<5	3.9	<10	57.6	0.12	39
D00030114	7	0.14	<5	3.3	<10	55.4	0.11	35
D00030116	2	0.01	<5	4.8	<10	46.9	0.17	69
D00030117	4	0.02	<5	3.3	<10	34.0	0.13	49
D00030118	3	0.04	<5	5.0	<10	39.1	0.18	79
D00030119	3	0.04	<5	5.1	<10	56.8	0.16	71
D00030120	3	0.04	<5	5.0	<10	55.5	0.17	71
D00030121	3	0.07	<5	4.1	<10	54.0	0.17	74
D00030122	2	0.04	<5	5.0	<10	40.9	0.17	75
D00030123	<2	0.05	<5	7.9	<10	40.3	0.18	97
D00030124	4	0.08	<5	4.8	<10	39.2	0.14	66
D00030125	4	<0.01	<5	4.1	<10	30.2	0.11	49
D00030126	4	0.01	<5	3.3	<10	34.6	0.11	45
D00030127	<2	0.02	<5	3.4	<10	43.6	0.18	65
D00030128	<2	0.04	<5	5.2	<10	52.5	0.18	82
D00030129	<2	0.07	<5	6.3	<10	60.0	0.20	89
D00030130	11	0.05	<5	3.1	<10	101	0.12	78
D00030131	<2	0.06	<5	5.7	<10	46.7	0.19	86
D00030132	<2	0.11	<5	5.5	<10	43.3	0.20	91
D00030133	<2	0.05	<5	5.9	<10	52.0	0.19	93
D00030134	<2	0.06	<5	5.7	<10	52.8	0.17	81
D00030135	<2	0.08	<5	6.0	<10	42.9	0.18	83
D00030136	<2	0.07	<5	6.8	<10	49.8	0.20	94
D00030137	<2	0.13	<5	6.5	<10	51.2	0.19	92
*Dup D00030137	2	0.13	<5	6.9	<10	54.9	0.19	97
D00030138	3	0.13	<5	5.7	<10	52.1	0.17	86
D00030139	<2	0.11	<5	6.0	<10	65.0	0.16	81
D00030140	2	0.08	<5	7.2	<10	69.9	0.15	97

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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	@Ti GE_ICP14B 0.01 %	@V GE_ICP14B 1 ppm
D00030141	<2	0.03	<5	8.6	<10	62.1	0.17	95
D00030142	7	0.03	<5	1.1	<10	24.6	0.01	11
D00030143	2	0.05	<5	7.0	<10	53.8	0.17	93
D00030144	2	0.14	<5	10.9	<10	50.1	0.20	128
D00030145	2	0.06	<5	11.4	<10	62.9	0.17	120
D00030146	<2	0.05	<5	8.0	<10	54.2	0.15	92
D00030051	<2	<0.01	<5	6.4	<10	42.1	0.18	79
D00030052	<2	0.03	<5	5.5	<10	33.8	0.20	80
D00030053	<2	0.05	<5	4.0	<10	38.8	0.19	79
D00030054	<2	0.05	<5	5.6	<10	45.4	0.21	89
D00030055	<2	0.05	<5	5.0	<10	34.0	0.20	89
D00030056	<2	0.06	<5	5.1	<10	34.0	0.19	88
D00030057	<2	0.02	<5	6.9	<10	40.0	0.19	94
D00030058	4	0.03	<5	2.7	<10	23.4	0.09	39
D00030059	<2	0.09	<5	7.0	<10	47.6	0.19	96
D00030060	11	0.05	<5	2.8	<10	88.9	0.11	76
D00030061	<2	0.10	<5	6.3	<10	47.8	0.19	88
D00030062	<2	0.13	<5	6.1	<10	38.0	0.22	98
D00030063	<2	0.05	<5	6.1	<10	37.9	0.21	93
D00030064	<2	0.07	<5	7.4	<10	42.5	0.21	103
D00030065	<2	0.05	<5	6.1	<10	43.1	0.21	98
D00030066	<2	0.06	<5	6.5	<10	44.9	0.18	89
D00030067	<2	0.09	<5	6.8	<10	38.5	0.17	94
D00030068	<2	0.09	<5	6.6	<10	46.1	0.17	95
D00030069	<2	0.04	<5	6.1	<10	49.6	0.19	94
D00030070	<2	0.10	<5	6.4	<10	45.7	0.19	98
D00030071	<2	0.07	<5	6.0	<10	63.6	0.19	96
D00030072	<2	0.04	<5	6.0	<10	40.6	0.20	99
D00030073	<2	0.04	<5	4.8	<10	41.7	0.22	93
D00030074	<2	0.04	<5	4.8	<10	46.3	0.21	86
D00030075	<2	0.04	<5	4.4	<10	56.9	0.18	74
D00030076	<2	0.05	<5	3.0	<10	46.7	0.20	73
D00030077	<2	0.07	<5	2.2	<10	39.4	0.17	59
D00030078	<2	0.03	<5	2.1	<10	39.9	0.18	57
D00030079	<2	0.04	<5	2.7	<10	42.4	0.20	66
D00030080	3	0.04	<5	4.6	<10	50.2	0.15	69
D00030081	<2	0.08	<5	2.5	<10	35.0	0.19	63

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Element Method Def.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	@Ti GE_ICP14B 0.01 %	@V GE_ICP14B 1 ppm
*Rep D00030125	3	0.01	<5	4.2	<10	31.8	0.12	50
*Rep D00030053	<2	0.04	<5	3.8	<10	36.5	0.18	77
*Rep D00030065	<2	0.05	<5	6.0	<10	41.9	0.21	97
*Std OREAS601	290	1.04	21	1.3	<10	36.2	0.01	9
*Std OREAS210	12	3.11	<5	6.8	<10	94.8	0.12	97
*Std OREAS601	297	1.02	19	1.3	<10	35.8	0.01	9
*Std OREAS210	12	3.03	<5	6.4	<10	87.3	0.11	92
*Blk BLANK	<2	<0.01	<5	<0.5	<10	<0.5	<0.01	<1
*Blk BLANK	<2	<0.01	<5	<0.5	<10	<0.5	<0.01	<1

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Element Method Det.Lim. Units	@W	@Y	@Zn	@Zr
	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
	10	0.5	1	0.5
	ppm	ppm	ppm	ppm
D00030101	<10	4.9	10	2.6
D00030102	<10	6.1	13	3.4
D00030103	<10	5.6	10	2.8
D00030104	<10	6.4	11	2.9
D00030105	<10	7.1	11	2.7
D00030106	<10	7.3	9	3.0
D00030107	<10	6.9	9	3.2
D00030108	<10	7.1	10	3.0
D00030109	<10	7.2	9	3.6
D00030110	<10	6.8	8	3.7
D00030111	<10	6.5	8	3.8
D00030112	<10	5.1	41	3.3
D00030113	<10	9.9	70	4.1
D00030114	<10	8.8	59	3.9
D00030116	<10	3.2	50	2.3
D00030117	<10	2.4	39	2.1
D00030118	<10	2.9	58	2.1
D00030119	<10	3.2	53	2.4
D00030120	<10	7.6	48	6.7
D00030121	<10	2.2	59	1.9
D00030122	<10	2.3	50	1.8
D00030123	<10	3.7	57	2.1
D00030124	10	3.4	58	2.6
D00030125	<10	3.1	38	2.8
D00030126	<10	2.5	35	2.5
D00030127	<10	2.1	61	1.8
D00030128	<10	2.8	65	2.1
D00030129	20	3.1	64	2.0
D00030130	<10	8.5	79	4.3
D00030131	<10	2.5	58	2.2
D00030132	<10	2.5	65	1.9
D00030133	<10	3.0	62	2.2
D00030134	<10	2.6	57	1.8
D00030135	<10	2.5	53	1.8
D00030136	<10	3.1	58	1.8
D00030137	<10	3.2	60	1.9
*Dup D00030137	<10	3.5	63	1.9
D00030138	<10	3.1	63	2.0
D00030139	<10	3.3	58	1.8
D00030140	<10	4.0	68	1.9

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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
D00030141	<10	4.3	58	2.0
D00030142	<10	1.4	14	2.8
D00030143	<10	3.5	59	2.0
D00030144	<10	7.6	71	2.3
D00030145	<10	6.4	67	2.1
D00030146	<10	4.2	58	1.9
D00030051	<10	3.3	49	2.2
D00030052	30	2.2	51	1.8
D00030053	<10	2.4	64	1.8
D00030054	<10	2.5	60	1.9
D00030055	<10	1.9	57	1.4
D00030056	<10	2.1	56	1.8
D00030057	<10	2.8	53	2.0
D00030058	<10	1.6	30	1.7
D00030059	<10	3.1	58	2.1
D00030060	<10	8.1	79	4.1
D00030061	<10	2.6	56	1.8
D00030062	<10	2.3	61	1.8
D00030063	<10	2.3	56	1.8
D00030064	<10	2.7	62	2.0
D00030065	<10	2.2	60	1.8
D00030066	<10	2.8	53	1.7
D00030067	<10	3.2	61	1.6
D00030068	<10	2.9	60	1.7
D00030069	<10	2.2	55	1.6
D00030070	<10	2.2	54	1.8
D00030071	<10	2.2	60	1.7
D00030072	<10	2.4	61	1.7
D00030073	<10	2.2	58	1.7
D00030074	<10	2.3	56	1.5
D00030075	<10	2.8	57	1.7
D00030076	<10	2.1	56	1.5
D00030077	<10	2.0	59	1.7
D00030078	<10	1.8	54	1.5
D00030079	<10	2.0	57	1.7
D00030080	<10	7.1	47	6.3
D00030081	<10	2.0	53	1.5

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Element	@W	@Y	@Zn	@Zr
Method	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Det.Lim.	10	0.5	1	0.5
Units	ppm	ppm	ppm	ppm
*Rep D00030125	<10	3.2	38	3.2
*Rep D00030053	<10	2.3	63	1.9
*Rep D00030065	<10	2.2	61	2.0
*Std OREAS601	<10	5.7	1330	25.9
*Std OREAS210	<10	14.5	97	21.2
*Std OREAS601	<10	5.9	1420	27.4
*Std OREAS210	<10	13.6	92	19.6
*Blk BLANK	<10	<0.5	<1	<0.5
*Blk BLANK	<10	<0.5	<1	<0.5

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Certificate of Analysis
Work Order : VC173822
[Report File No.: 000026304]

Date: November 28, 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-HD
 Project No.: HD-90503-05
 Samples: 47
 Received: Oct 10, 2017
 Pages: Page 1 to 11
 (Inclusive of Cover Sheet)

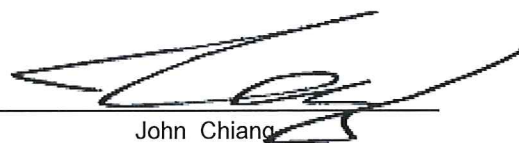
Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
47	G_LOG02	Pre-preparation processing, sorting, logging, boxing
47	G_WGH79	Weighing of samples and reporting of weights
44	G_PRP89	Weigh, dry, (up to 3.0 kg) crush to 75% passing 2 mm, split 250 g, pulverize to
47	GE_FAA313	@Au, FAS, AAS, 30g-5ml(Final Mode)
47	GE_ICP14B	Aqua Regia digestion/ICP-AES package

Storage: Pulp & Reject

REJECT STORAGE : RETURN AFTER 30 DAYS
 PULP STORAGE : RETURN 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.: 0000026304

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
D00030082	5.475	<5	<2	1.87	4	344	<0.5	<5
D00030083	6.780	<5	<2	1.99	4	557	<0.5	<5
D00030084	5.295	<5	<2	1.26	3	189	<0.5	<5
D00030085	6.430	<5	<2	1.78	<3	329	<0.5	<5
D00030086	4.980	<5	<2	1.60	4	306	<0.5	<5
D00030087	5.735	<5	<2	1.88	4	301	<0.5	<5
D00030088	5.060	<5	<2	1.74	3	194	<0.5	<5
D00030089	4.375	<5	<2	1.70	4	134	<0.5	<5
D00030090	0.110	1180	<2	2.96	34	125	<0.5	<5
D00030091	4.195	<5	<2	1.65	4	114	<0.5	<5
D00030301	1.570	<5	<2	2.04	7	52	<0.5	<5
D00030302	2.955	<5	<2	2.00	6	69	<0.5	<5
D00030303	4.890	<5	<2	1.62	5	60	<0.5	<5
D00030304	6.595	<5	<2	1.77	6	77	<0.5	<5
D00030305	8.030	<5	<2	1.75	4	68	<0.5	<5
D00030306	6.270	<5	<2	2.27	16	62	<0.5	<5
D00030307	9.090	<5	<2	2.23	35	69	0.5	<5
D00030308	7.460	<5	<2	1.76	4	46	<0.5	<5
D00030309	7.970	<5	<2	2.17	8	127	<0.5	<5
D00030310	7.545	<5	<2	2.12	7	304	<0.5	<5
D00030311	9.395	<5	<2	1.86	<3	112	<0.5	<5
D00030312	6.935	<5	<2	2.10	3	215	<0.5	<5
D00030313	9.635	<5	<2	2.02	<3	58	<0.5	<5
D00030314	5.985	<5	<2	2.02	<3	167	<0.5	<5
D00030315	9.450	<5	<2	1.58	5	147	<0.5	<5
D00030316	7.495	<5	<2	1.60	3	68	<0.5	<5
D00030317	10.275	<5	<2	1.40	<3	42	<0.5	<5
D00030318	7.665	<5	<2	1.53	<3	145	<0.5	<5
D00030319	9.010	<5	<2	1.63	<3	83	<0.5	<5
D00030320	0.110	<5	<2	1.75	6	111	<0.5	<5
D00030321	6.700	<5	<2	1.50	4	163	<0.5	<5
D00030322	8.850	<5	<2	1.75	5	320	<0.5	<5
D00030323	7.580	<5	<2	1.72	<3	259	<0.5	<5
D00030324	9.295	<5	<2	1.79	<3	354	<0.5	<5
D00030325	8.870	<5	<2	1.59	4	174	<0.5	<5
D00030326	8.365	<5	<2	1.44	<3	247	<0.5	<5
D00030327	7.315	<5	<2	1.62	<3	617	<0.5	<5
D00030328	10.975	<5	<2	1.53	<3	81	<0.5	<5
*Dup D00030328	N.A.	<5	<2	1.59	4	86	<0.5	<5
D00030329	7.790	<5	<2	1.26	<3	185	<0.5	<5

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Element Method	WtKg	@Au	@Ag	@Al	@As	@Ba	@Be	@Bi
Det.Lim.	G_WGH79	GE_FAA313	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B	GE_ICP14B
Units	0.01	5	2	0.01	3	5	0.5	5
	kg	ppb	ppm	%	ppm	ppm	ppm	ppm
D00030330	0.110	1090	<2	2.88	30	116	<0.5	<5
D00030331	11.215	<5	<2	1.48	<3	146	<0.5	<5
D00030332	8.175	<5	<2	1.08	12	293	<0.5	<5
D00030333	6.960	<5	<2	0.18	5	2130	<0.5	<5
D00030334	7.925	<5	<2	0.18	5	1560	<0.5	<5
D00030335	2.990	<5	<2	0.22	5	1160	<0.5	<5
D00030336	8.380	<5	<2	1.04	6	629	<0.5	<5
D00030337	2.805	<5	<2	1.81	5	119	<0.5	<5
*Rep D00030087		<5						
*Rep D00030317		<5						
*Std OXN117		7770						
*Std OREAS251		522						
*Blk BLANK		<5						
*Rep D00030087			<2	1.88	3	306	<0.5	<5
*Rep D00030327			<2	1.61	3	600	<0.5	<5
*Std OREAS210			<2	2.28	3760	156	<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 %
D00030082	0.88	<1	11	21	11.7	3.27	<1	1.02
D00030083	0.58	<1	11	18	13.0	3.14	<1	1.30
D00030084	0.81	<1	11	15	12.2	2.60	<1	0.61
D00030085	0.71	<1	10	18	16.2	3.15	<1	1.03
D00030086	0.47	<1	9	18	14.1	2.71	<1	1.07
D00030087	0.63	<1	10	21	11.4	3.10	<1	1.22
D00030088	0.93	<1	8	25	11.8	2.85	<1	0.70
D00030089	0.86	<1	9	19	7.9	2.80	<1	0.70
D00030090	2.12	<1	12	124	108	2.84	<1	0.22
D00030091	1.29	<1	10	19	7.0	2.93	<1	0.58
D00030301	0.72	<1	16	11	42.9	4.08	<1	0.12
D00030302	1.04	<1	17	12	62.5	3.83	<1	0.14
D00030303	1.37	<1	12	10	31.2	2.97	<1	0.10
D00030304	1.82	<1	13	12	34.9	3.40	<1	0.14
D00030305	2.22	<1	13	15	35.9	3.40	<1	0.10
D00030306	2.18	<1	15	16	41.0	3.93	<1	0.13
D00030307	2.02	<1	15	14	36.1	3.84	<1	0.13
D00030308	1.68	<1	14	12	31.3	3.16	<1	0.09
D00030309	2.66	<1	16	14	40.0	4.35	<1	0.17
D00030310	1.47	<1	16	14	40.3	3.86	<1	0.60
D00030311	2.09	<1	16	11	24.9	3.75	<1	0.18
D00030312	3.40	<1	17	12	22.0	4.81	<1	0.11
D00030313	2.61	<1	16	13	20.5	4.46	<1	0.13
D00030314	1.66	<1	16	14	20.7	4.10	<1	0.18
D00030315	1.82	<1	12	14	14.3	3.09	<1	0.15
D00030316	1.47	<1	12	15	14.2	3.13	<1	0.14
D00030317	1.30	<1	12	14	19.3	2.67	<1	0.10
D00030318	1.69	<1	12	16	18.1	3.40	<1	0.38
D00030319	1.48	<1	13	15	19.8	3.29	<1	0.26
D00030320	0.96	<1	8	37	49.8	3.33	1	0.17
D00030321	1.96	<1	14	14	17.3	3.73	<1	0.37
D00030322	1.32	<1	13	13	15.6	3.46	<1	0.79
D00030323	1.07	<1	13	20	14.8	3.33	<1	0.62
D00030324	0.90	<1	12	16	10.7	3.17	<1	0.94
D00030325	1.27	<1	12	17	19.7	3.09	<1	0.43
D00030326	3.50	<1	10	16	11.0	3.14	<1	0.11
D00030327	1.68	<1	11	16	12.7	2.91	<1	0.47
D00030328	1.96	<1	11	14	22.2	2.77	<1	0.14
*Dup D00030328	1.98	<1	11	15	20.1	2.90	<1	0.16
D00030329	1.39	<1	9	14	12.8	2.77	<1	0.18

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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 %
D00030330	1.98	<1	14	107	113	3.08	<1	0.23
D00030331	1.62	<1	11	17	12.4	2.74	<1	0.32
D00030332	1.74	<1	8	16	9.4	2.31	<1	0.18
D00030333	0.97	<1	<1	7	4.1	0.54	<1	0.08
D00030334	0.69	<1	1	7	6.4	0.57	<1	0.07
D00030335	0.57	<1	1	11	5.3	0.81	<1	0.09
D00030336	1.32	<1	8	8	11.3	2.25	<1	0.19
D00030337	1.06	<1	15	10	31.9	3.35	<1	0.19
*Rep D00030087	0.64	<1	9	20	10.9	2.97	<1	1.20
*Rep D00030327	1.66	<1	11	16	12.5	2.98	<1	0.46
*Std OREAS210	3.42	3	27	70	172	9.93	1	0.11
*Blk BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<1	<0.01

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Element Method Det.Lim. Units	@La GE_ICP14B 0.5 ppm	@Li GE_ICP14B 1 ppm	@Mg GE_ICP14B 0.01 %	@Mn GE_ICP14B 2 ppm	@Mo GE_ICP14B 1 ppm	@Na GE_ICP14B 0.01 %	@Ni GE_ICP14B 1 ppm	@P GE_ICP14B 0.01 %
D00030082	8.7	14	1.23	528	2	0.08	6	0.05
D00030083	7.9	17	1.27	541	2	0.06	5	0.05
D00030084	10.9	10	0.90	378	2	0.08	5	0.05
D00030085	12.2	13	1.13	526	2	0.08	5	0.05
D00030086	12.1	12	0.99	469	2	0.06	5	0.04
D00030087	8.0	11	1.12	543	2	0.09	6	0.04
D00030088	9.1	10	0.96	483	4	0.12	6	0.04
D00030089	9.9	14	1.04	492	3	0.07	6	0.04
D00030090	9.0	10	1.43	398	4	0.36	118	0.04
D00030091	10.7	13	0.95	504	2	0.07	5	0.04
D00030301	8.9	12	1.63	736	<1	0.06	6	0.06
D00030302	8.1	14	1.56	646	2	0.07	6	0.07
D00030303	7.1	15	1.33	540	<1	0.05	5	0.06
D00030304	7.3	16	1.27	579	1	0.07	5	0.06
D00030305	7.9	12	1.37	603	2	0.06	6	0.05
D00030306	7.6	18	1.66	718	2	0.07	6	0.06
D00030307	8.2	17	1.48	634	1	0.06	6	0.06
D00030308	6.0	11	1.34	559	1	0.06	5	0.06
D00030309	6.6	18	1.68	766	2	0.05	8	0.05
D00030310	6.0	21	1.55	676	2	0.08	6	0.05
D00030311	6.4	17	1.46	708	<1	0.05	5	0.05
D00030312	10.1	16	1.68	909	<1	0.04	5	0.05
D00030313	8.7	18	1.59	867	<1	0.04	6	0.05
D00030314	10.2	24	1.69	761	<1	0.03	6	0.05
D00030315	9.7	14	1.25	655	1	0.04	5	0.04
D00030316	8.4	11	1.22	621	1	0.05	5	0.04
D00030317	9.0	9	1.10	533	2	0.05	5	0.04
D00030318	8.5	18	1.25	630	2	0.05	5	0.04
D00030319	7.1	17	1.16	601	1	0.06	5	0.04
D00030320	4.3	11	0.85	501	7	0.12	32	0.06
D00030321	10.0	16	1.08	673	2	0.04	6	0.05
D00030322	9.5	25	1.13	591	1	0.05	5	0.04
D00030323	10.3	24	1.19	595	2	0.06	6	0.04
D00030324	8.3	30	1.27	597	2	0.05	5	0.04
D00030325	7.4	23	1.28	607	1	0.05	5	0.04
D00030326	11.7	13	1.12	667	1	0.06	5	0.03
D00030327	10.8	28	1.15	588	2	0.05	5	0.04
D00030328	11.9	15	1.09	538	1	0.04	6	0.04
*Dup D00030328	12.0	15	1.08	552	1	0.05	5	0.04
D00030329	9.3	17	0.80	469	1	0.06	4	0.04

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Element Method Def.Lim. Units	@La GE_ICP14B 0.5 ppm	@Li GE_ICP14B 1 ppm	@Mg GE_ICP14B 0.01 %	@Mn GE_ICP14B 2 ppm	@Mo GE_ICP14B 1 ppm	@Na GE_ICP14B 0.01 %	@Ni GE_ICP14B 1 ppm	@P GE_ICP14B 0.01 %
D00030330	8.9	9	1.40	426	3	0.34	117	0.04
D00030331	9.4	23	1.02	536	1	0.06	5	0.04
D00030332	9.3	11	0.64	456	2	0.07	5	0.03
D00030333	<0.5	1	0.04	168	2	0.05	1	<0.01
D00030334	<0.5	<1	0.03	137	2	0.05	3	<0.01
D00030335	<0.5	1	0.03	220	2	0.07	2	<0.01
D00030336	6.6	12	0.75	427	<1	0.04	3	0.03
D00030337	5.6	15	1.35	590	<1	0.06	7	0.05
*Rep D00030087	8.0	11	1.12	531	2	0.09	5	0.04
*Rep D00030327	10.3	28	1.13	591	2	0.05	5	0.04
*Std OREAS210	10.8	12	2.39	3690	2	0.14	93	0.22
*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	@Ti GE_ICP14B 0.01 %	@V GE_ICP14B 1 ppm
D00030082	<2	0.16	<5	2.7	<10	46.4	0.19	60
D00030083	<2	0.04	<5	1.6	<10	32.3	0.19	57
D00030084	<2	0.31	<5	3.4	<10	34.6	0.14	52
D00030085	<2	0.09	<5	2.7	<10	35.7	0.19	59
D00030086	<2	0.08	<5	1.7	<10	22.8	0.17	50
D00030087	<2	0.02	<5	2.5	<10	33.8	0.19	55
D00030088	2	0.02	<5	4.4	<10	32.8	0.16	55
D00030089	<2	0.02	<5	2.8	<10	33.1	0.15	54
D00030090	10	0.06	<5	2.7	<10	96.1	0.10	73
D00030091	4	0.01	<5	3.8	<10	34.7	0.13	54
D00030301	2	0.02	<5	6.1	<10	45.5	0.13	85
D00030302	3	0.02	<5	6.6	<10	44.5	0.16	89
D00030303	<2	0.02	<5	5.7	<10	57.9	0.13	68
D00030304	3	0.04	<5	7.7	<10	62.1	0.12	82
D00030305	2	0.05	<5	7.5	<10	59.9	0.11	86
D00030306	2	0.01	<5	7.4	<10	68.3	0.16	97
D00030307	3	0.01	<5	8.2	<10	81.4	0.12	97
D00030308	3	0.02	<5	5.2	<10	75.1	0.14	73
D00030309	2	0.03	<5	8.8	<10	71.4	0.11	106
D00030310	<2	0.04	<5	5.4	<10	63.7	0.18	87
D00030311	<2	0.05	<5	6.4	<10	60.3	0.11	85
D00030312	3	0.07	<5	9.0	<10	73.4	0.06	106
D00030313	3	0.03	<5	9.2	<10	60.1	0.08	93
D00030314	3	0.06	<5	4.0	<10	47.4	0.12	77
D00030315	2	0.05	<5	3.0	<10	50.7	0.08	50
D00030316	2	0.02	<5	3.4	<10	51.4	0.08	52
D00030317	2	0.05	<5	3.6	<10	53.4	0.10	45
D00030318	3	0.04	<5	4.8	<10	60.1	0.09	53
D00030319	<2	0.02	<5	3.4	<10	61.3	0.10	52
D00030320	3	0.05	<5	4.6	<10	54.3	0.14	69
D00030321	3	0.07	<5	6.3	<10	69.9	0.06	53
D00030322	<2	0.05	<5	3.7	<10	47.2	0.13	59
D00030323	2	0.02	<5	3.1	<10	47.5	0.14	56
D00030324	<2	0.01	<5	2.5	<10	38.5	0.17	61
D00030325	2	0.09	<5	4.0	<10	42.9	0.13	62
D00030326	3	0.33	<5	6.1	<10	63.2	0.05	61
D00030327	2	0.15	<5	2.6	<10	62.3	0.13	49
D00030328	6	0.06	<5	2.8	<10	79.8	0.07	39
*Dup D00030328	7	0.05	<5	3.0	<10	79.6	0.08	40
D00030329	<2	0.09	<5	5.7	<10	54.8	0.07	55

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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	@Ti GE_ICP14B 0.01 %	@V GE_ICP14B 1 ppm
D00030330	11	0.06	<5	2.7	<10	85.7	0.10	76
D00030331	3	0.09	<5	4.7	<10	48.1	0.10	59
D00030332	5	0.07	<5	5.0	<10	61.4	0.06	40
D00030333	7	0.12	<5	<0.5	<10	69.5	<0.01	2
D00030334	7	0.12	<5	<0.5	<10	54.2	<0.01	2
D00030335	6	0.07	<5	0.5	<10	48.2	<0.01	3
D00030336	3	0.09	<5	3.1	<10	49.2	0.06	39
D00030337	<2	0.03	<5	4.9	<10	38.8	0.13	73
*Rep D00030087	<2	0.02	<5	2.5	<10	35.3	0.19	55
*Rep D00030327	2	0.14	<5	2.6	<10	67.5	0.13	49
*Std OREAS210	12	3.38	<5	6.5	<10	109	0.10	93
*Blk BLANK	<2	<0.01	<5	<0.5	<10	<0.5	<0.01	<1

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Element Method Def.Lim. Units	@W GE_ICP14B 10 ppm	@Y GE_ICP14B 0.5 ppm	@Zn GE_ICP14B 1 ppm	@Zr GE_ICP14B 0.5 ppm
	D00030082	<10	2.4	55
D00030083	<10	1.6	50	1.2
D00030084	<10	3.0	42	1.6
D00030085	<10	2.2	49	1.7
D00030086	<10	1.5	49	1.3
D00030087	<10	1.7	52	1.5
D00030088	<10	3.6	49	1.8
D00030089	<10	2.5	51	1.6
D00030090	<10	8.2	86	3.6
D00030091	<10	3.3	46	1.5
D00030301	<10	3.6	76	1.7
D00030302	<10	2.7	73	1.7
D00030303	<10	2.3	64	1.5
D00030304	<10	3.9	68	1.8
D00030305	<10	4.4	78	1.8
D00030306	<10	3.6	83	1.6
D00030307	<10	4.0	80	1.9
D00030308	<10	2.2	62	1.7
D00030309	<10	4.3	77	1.7
D00030310	<10	2.5	56	1.4
D00030311	<10	3.6	55	1.2
D00030312	<10	6.2	60	1.4
D00030313	<10	6.6	59	1.3
D00030314	<10	2.8	61	1.3
D00030315	<10	3.0	54	1.2
D00030316	<10	3.1	57	1.5
D00030317	<10	2.5	54	1.5
D00030318	<10	3.8	54	1.4
D00030319	<10	2.1	45	1.2
D00030320	<10	6.7	42	6.1
D00030321	<10	4.4	46	1.3
D00030322	<10	2.5	42	1.1
D00030323	<10	2.2	41	1.1
D00030324	<10	1.7	46	1.1
D00030325	<10	2.6	53	1.3
D00030326	<10	5.7	51	1.4
D00030327	<10	3.5	48	1.2
D00030328	<10	3.3	44	1.4
*Dup D00030328	<10	3.5	42	1.4
D00030329	<10	5.0	30	1.4

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Report File No.: 0000026304

Element Method	@W GE_ICP14B	@Y GE_ICP14B	@Zn GE_ICP14B	@Zr GE_ICP14B
Def.Lim.	10	0.5	1	0.5
Units	ppm	ppm	ppm	ppm
D00030330	<10	7.3	65	3.6
D00030331	<10	4.8	44	1.4
D00030332	<10	5.2	31	1.5
D00030333	<10	1.5	8	0.8
D00030334	<10	1.4	8	0.9
D00030335	<10	1.3	11	0.9
D00030336	<10	2.8	32	1.1
D00030337	<10	2.1	51	1.6
*Rep D00030087	<10	1.8	54	1.5
*Rep D00030327	<10	3.4	45	1.3
*Std OREAS210	<10	13.5	96	18.8
*Blk BLANK	<10	<0.5	<1	<0.5

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