Ministry of Forests, Mines and Lands
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geochemical Soil

TOTAL COST: $ 17,900

AUTHOR(S): W. R. Gilmour **SIGNATURE(S):**

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): n/a **YEAR OF WORK:** 2016

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event Number 5607686 June 22, 2016 and Event Number 5619975, September 27, 2016

PROPERTY NAME: Rey Lake

CLAIM NAME(S) (on which the work was done): 510210, 1012923

COMMODITIES SOUGHT: Cu, Mo, Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092ISE160

MINING DIVISION: Nicola **NTS/BCGS:** 092I/07 092I.037

LATITUDE: 50 ° 20 '31 " **LONGITUDE:** 120 ° 41 '05 " **(at centre of work)**

OWNER(S):

1) Bearclaw Capital Corp 2)

MAILING ADDRESS:

214 - 3540 West 41st Avenue
Vancouver, BC

OPERATOR(S) [who paid for the work]:

1) Bearclaw Capital Corp 2)

MAILING ADDRESS:

as above

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Triassic Nicola Group, andesites, volcaniclastic rocks, Cretaceous quartz monzonite, breccia, skarn, porphyry copper deposit, Quaternary cover

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 04846, 05320, 05658, 14841, 21770, 22900, 24133, 24600, 25957, 28487, 33869

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	165 samples for 36 aqua regia, ICP/MS analysis	510210, 1012923	$ 17,900
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$ 17,900

BC Geological Survey
Assessment Report
36235

ASSESSMENT REPORT

on the

2015 and 2016 GEOCHEMICAL SOIL SURVEYS

REY LAKE PROPERTY

Nicola Mining Division, BC

BCGS 092I.037

For
Owner / Operator

BEARCLAW CAPITAL CORP.

Exploration on claims: 510210 and 1012923

Work filed on claims: 510210, 993683, 1012923, and 1037123

MTO Event Numbers: 5607686 and 5619975

NTS:	092I/07
LATITUDE:	50° 21' 15" N
LONGITUDE:	120° 41' 31" W
AUTHOR:	W.R. Gilmour, PGeo
CONSULTANTS:	Discovery Consultants
DATE:	September 27, 2016

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1.0 SUMMARY

This assessment report describes the 2015 and 2016 geochemical soil surveys by Bearclaw Capital Corp on the Rey Lake Property (the "Property"). The work is part of an ongoing program of exploration for a porphyry copper ± molybdenum type deposit by Bearclaw. Fieldwork for the soils surveys was carried out by personnel of Discovery Consultants of Vernon, BC. Discovery Consultants also was retained to interpret the geochemical results, prepare the figures, and report on the results.

The Property is located in south-central British Columbia, approximately 45 km northwest of Merritt, BC. The centre of the Property lies at latitude 50° 21' 15" north and longitude 120° 41' 31" west. Access to the Property is by paved roads and well-maintained dirt roads from Highways 5 and 97C.

Geologically, the Property is situated in the south-central Quesnel Terrane and is mainly represented by late Triassic arc alkaline to calc-alkaline, mafic to intermediate volcanic rocks and volcanic-derived sediments of the Nicola Group. On the Property, these lithologies occur as volcanic flows, fine-grained volcaniclastic rocks and possibly pyroclastic rocks, with a few skarn zones derived from siliceous limestone layers. The southeast part of the property is underlain by the Rey Lake intrusive plug, consisting of biotite quartz monzonite, as seen in drill core.

The known mineralization has been classified as a porphyry-copper ± molybdenum type deposit and contains zones of skarn alteration within the meta-sedimentary layers (MINFILE 092ISE160).

The 2015 and 2016 exploration programs consisted of a reconnaissance and infill geochemical soil surveys focusing on a gold anomaly in the southeast part of the Property. Access to the grid was by 4-wheel drive truck. In total, 165 soil samples were collected and sent for analysis.

The 2015 reconnaissance soil results confirm the anomalous gold (588 ppb Au) in stream sediments (note that this sample and the creek are 25 m west of where the TRIM map plots the creek), but not the 1264 ppb gold in the drainage to the east. Copper silt values of 163 and 60 ppm also occur in this area. In the soil survey, two samples on adjoining grid lines 100 m apart returned 84 and 420 ppb gold.

A second pass in the area of interest was then conducted in 2016 and consisted of a 25-m line spacing and 10-m sample spacing.

The 2016 follow-up survey results confirm low levels of gold in soils in the vicinity of the 420 ppb gold sample; on the same grid line and on the one to the north, 10 of 18 samples have

values ≥10 ppb gold, up to a maximum of 36 ppb gold. Adjoining the 84 ppb gold sample is a 12 ppb gold sample.

Anomalous copper values tend to cluster. Nine samples are >100 ppm Cu and values are up to 146 ppm.

The reconnaissance and follow-up soil surveys indicate some generally low-level anomalous gold values. The exploration to date has not found any gold anomalies that warrant additional exploration.

These surveys demonstrate that moderately anomalous copper values tend to cluster. If future exploration is carried out in the area, a geochemical rocks survey for angular float and/or outcrop is warranted.

The mapping of surficial sediments in the areas of the anomalous copper, along with a geochemical rock survey, would help to determine the potential for porphyry copper mineralization. The data would be of assistance to other portions of the Property where rock outcrops are scarce.

2.0 INTRODUCTION

This Report has been prepared at the request of Scott Ross, President of Bearclaw Capital Corp ("Bearclaw"), and describes the 2015 and 2016 geochemical soil surveys. Fieldwork pertaining to the surveys was performed by personnel of Discovery Consultants ("Discovery"). Discovery was also retained to interpret the geochemical results, prepare the figures, and report on the results of the surveys.

The focus of exploration on the Property is to explore for a porphyry-type copper ± molybdenum deposit. In 2012 a stream sediment silt survey in the southeastern portion of the Property returned anomalous gold values. A reconnaissance soil geochemical survey in the anomalous catchment took place in June 22 to 23, 2015, with a follow-up survey from May 16 to 17, 2016.

The assessment work was filed as MTO Events 5607686 and 5619975. No Notice of Work or Permit Number was required for this assessment work.

Much of this report is taken from on assessment report 33869 by Discovery (Koffyberg, 2013).

3.0 LOCATION AND ACCESS

The Property is located within the southern Thompson Plateau of south-central British Columbia, approximately 45 km north of Merritt, BC (Figure 3.1). The centre of the Property lies at latitude 50° 21' 15" north and longitude 120° 41' 31" west, within the Nicola Mining Division, and stretches about 5.0 km north to south and 4.0 km east to west.

The Property can be reached from the city of Merritt via Highway 8 for 8 km, then north on Highway 97C for 25 km to the Rey Lake turnoff near Mamit Lake, then east along the Rey Lake road for 8 km to the Property. Alternatively, the eastern part of the Property can be reached via Helmer Lake road from Highway 5 (Coquihalla Highway) heading north from Merritt. Dirt roads and skidder trails allow access to most areas of the Property. Some areas are best accessed by the use of a quad or by hiking.

The city of Merritt serves as the nearest supply centre. The city of Kamloops, 45 km to the northeast, is also a major supply centre for the mining industry. The Property lies 4 km west of the Coquihalla Highway running between Merritt and Kamloops. A BC Hydro electrical transmission line cuts across the central part of the Property.

DISCOVERY Consultants	Bearclaw Capital Corp.
Rey Lake Property	Property Location

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
Sept.15, 2016	682	1:10,000,000	092I.037	Nicola	3.1

4.0 TOPOGRAPHY, VEGETATION & CLIMATE

Physiographically, the Property lies within the southern Thompson Plateau. Topography in this region consists of gently rolling uplands. The Property consists of open forested terrain and boggy wetlands along the southeast end of Rey Lake. Much of the northern part of the Property has been logged, with some parts logged within the past five years. Outcrop exposure is scarce since much of the terrain is covered by glacial drift. Road cuts and trenches provide the best rock exposures.

Locally, the Property lies within a valley of low relief, centred on Rey Lake at an elevation of 1,342 m. The highest elevation within the Property is in the northeast corner at 1,720 m. Drainage is into Rey Lake, which drains northwest into Mamit Lake, which in turn flows south along the Guichon Creek valley into the Nicola River near Merritt. This river flows northwest to join the Thompson River at the town of Spences Bridge.

The modified continental climate consists of warm, dry summers and cool winters. Precipitation is light and varies from 30 to 50 cm per year, falling mainly during the winter months. Surface exploration work on the Property is most favourable between April and October.

5.0 PROPERTY DESCRIPTION

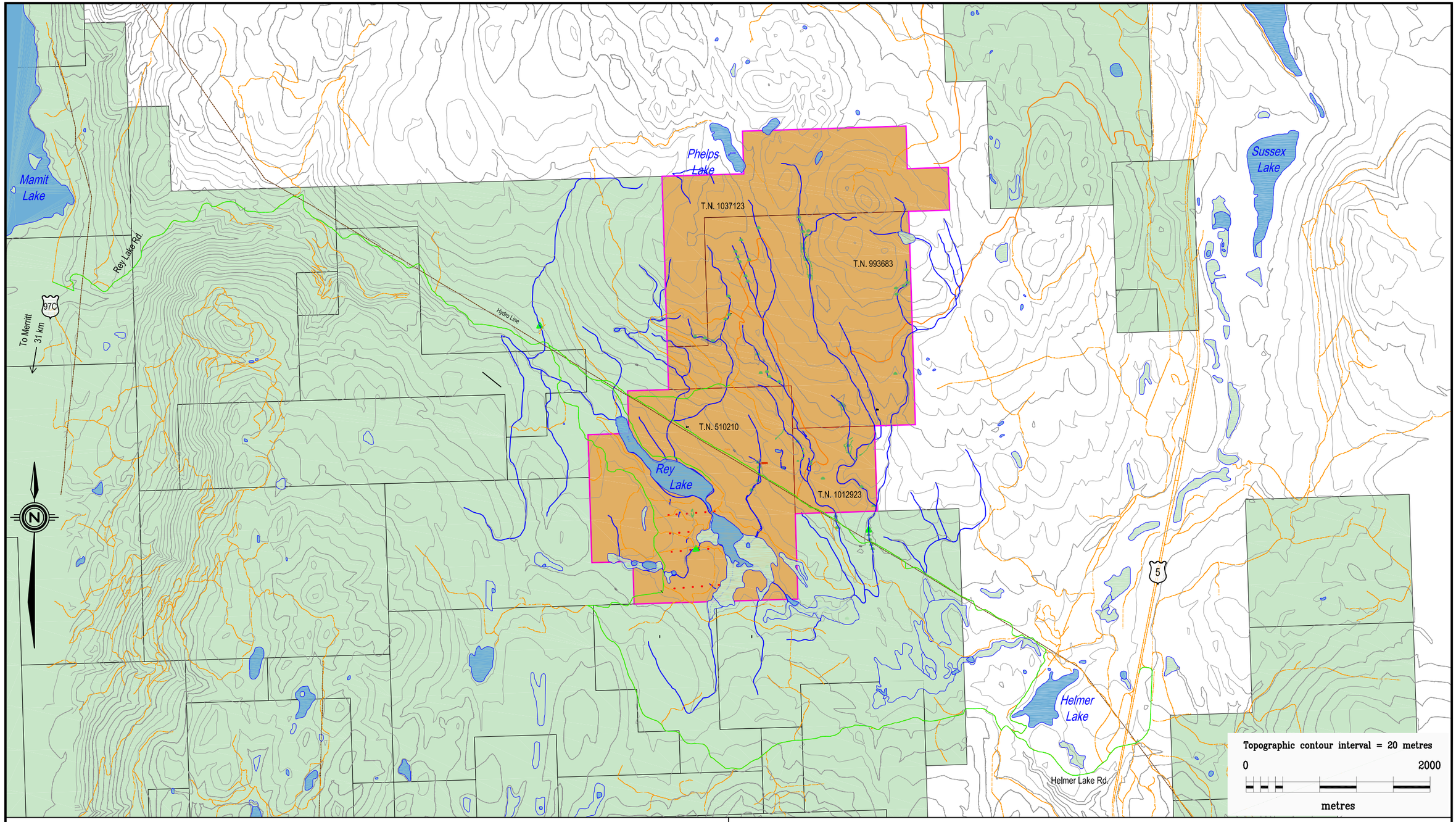
The Property consists of four contiguous mineral claims and covers an area of about 1,234 hectares (Figure 5.1). The claim block is located on BC Geographic System (BCGS) – or TRIM - map 092I.037; and National Topographic System map 092I07E. Mineral tenure 510210 was formerly two-post claims that were converted to a Mineral Tenure Online ("MTO") claim in April, 2005. Tenures 993683, 1012923 and 1037123 were acquired by MTO staking in 2012 and 2015. All claims are 100% owned by Bearclaw. Assessment work in 2015 and 2016 was done on two claims (510210 and 1012923). Table 5.1 lists the details of the claim tenures.

TABLE 5.1: Tenure Description

Tenure Number	Area (ha)	Registered Owner	Good-to-Date*
510210	474.34	Bearclaw Capital Corp.	2019/jul/01
993683	494.79	"	2019/jul/01
1012923	82.49	"	2019/jul/01
1037123	288.56	"	2018/jul/06
Total:	**1,340.18**		

***** Good-to-date is dependent on the acceptance of this report

A land title search shows that much of the Property around Rey Lake is on private land. The present access road to the Property also passes through several private land lots. Land owners must be given a 10-day advance notice when access to the Property is required. The land owners may also apply to the BC MEMPR to have Bearclaw post a bond to cover any reclamation of surface disturbance on their properties. The Property hosts the Rey Lake prospect (MINFILE 092ISE160), which is classified as a porphyry copper-molybdenum and related skarn zone. It is located on the south side of Rey Lake, within claim 510210.



DISCOVERY Consultants

Bearclaw Capital Corp.

Rey Lake Property

Claim Locations and Access Roads

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
Sept.15, 2016	682	1:40,000 (NAD83)	092I.037	Nicola	5.1

6.0 EXPLORATION HISTORY

The first recorded work in the Rey Lake area was done in 1972 by the American Smelting and Refining Company ("Asarco"), which completed an extensive program of mapping, geophysical surveying (magnetic, electromagnetic and induced polarization ("IP")), soil geochemical surveying, road building, 290 m of trenching, a 982 m diamond 6 hole drilling program, and a 3,013 m percussion drilling program of 47 holes (McMillan, 1973).

The company continued exploration efforts the following year by conducting surface geological mapping, drilling 11 diamond drillholes totalling 1,714 m, and 39 percussion holes totalling 2,755 m, 49 m of trenching and further road construction (McMillan, 1973). The 1972-73 programs defined an area of mineralization on the southeast side of Rey Lake.

During 1974-75, Craigmont Mines Ltd. ("Craigmont") continued exploration, focusing on the northeast side of Rey Lake and the adjacent swamp. A 2,021 m, 10 hole diamond drill program extended the area of known mineralization (Krause, 1986, Vollo, 1974, 1975).

In 1979, a non NI 43-101 compliant resource of 47 million tonnes of 0.17% copper and 0.018% molybdenum was reported (as reported by Howell, 1994).

No further work was done on the property until 1981, when Tracer Resources Corp carried out a pre-feasibility study, followed by a geological mapping program (Carpenter, 1999). Since no assessment work was recorded by the company, no record of the work is available. The option was dropped in 1986.

In 1986, International Santana Resources ("Santana") drilled three diamond drillholes totalling 746 m on the Rey and Rey 1 claims (Krause, 1986). The claims lapsed in 1988, and the area was subsequently re-staked by Mr. William Petrie. He optioned the ground to Hera Resources Inc. ("Hera"), which carried out a preliminary IP geophysical survey in 1991 on the south side of Rey Lake (Hepp and Falk, 1991), followed by a more comprehensive IP survey in 1993 (Falk, 1993). This work defined a large bell-shaped chargeability anomaly extending south from Rey Lake for about 1,000 m. This led to an eight hole, 1,421 m diamond drill program by Hera Resources Inc. (Howell and Price, 1994; Lucas, 1996), of which four holes (946 m) were drilled in the Rey Lake area. The other four holes were drilled in the Swakum Mountain area, lying south of the Property. Significant intersections included 41 m of 0.304% Cu and 0.015% Mo; and 232 m of 0.165% Cu and 0.012% Mo.

In 1998, Discovery staked the REY 1 to 8 claims on behalf of the Phoenix II Syndicate. A limited geochemical program of rock and soil sampling was completed the following year; rock sampling results indicated a positive correlation between copper and gold with maximum values of 2,250 ppm Cu and 25 ppb Au. Copper soil results were not significant; a maximum value of

50 ppm was obtained. Gold values were generally below detection limits.

In 2004 the Property was sold to Bearclaw, which then optioned it to Southern Rio Resources Ltd. ("Southern Rio") in May 2005. The company completed a geochemical program of geological mapping, soil and rock sampling. This was done in conjunction with an IP geophysical survey, consisting of 6 line-km surveyed in an area where higher grade mineralization was reported from the 1970s exploration programs. The surveyed area exhibited moderate to high chargeability values, suggesting that sulphide mineralization s widespread throughout the survey area. Soil sampling involved both conventional B-horizon sampling and MMI sampling, which was thought to better reflect soil metal concentrations in terrain having thick glacial till or outwash gravels. In total, 10 rock samples were collected; 3 samples ran 1,402, 1,180, and 1,053 ppm Cu, with corresponding molybdenum values of 66, 28 and 31 ppm Mo. The higher copper and molybdenum values were found to be within the meta-sedimentary units in the northeast corner of the grid. Southern Rio terminated the option in 2006 without earning any interest in the Property.

In 2008, Bearclaw optioned the Property to Keyser Resources, which in the ensuing years was unable to conduct proposed exploration because of depressed markets. The Property was returned to Bearclaw in 2011.

In 2012, Bearclaw carried out a 50-sample stream sediment silt program (Koffyberg, 2013) on titles 993683 and 1012923, A 30 g subsample was analysed, with two highly anomalous gold values (588 and 1264 ppb) occurring on adjacent creeks about 300 m apart.

7.0 GEOLOGY

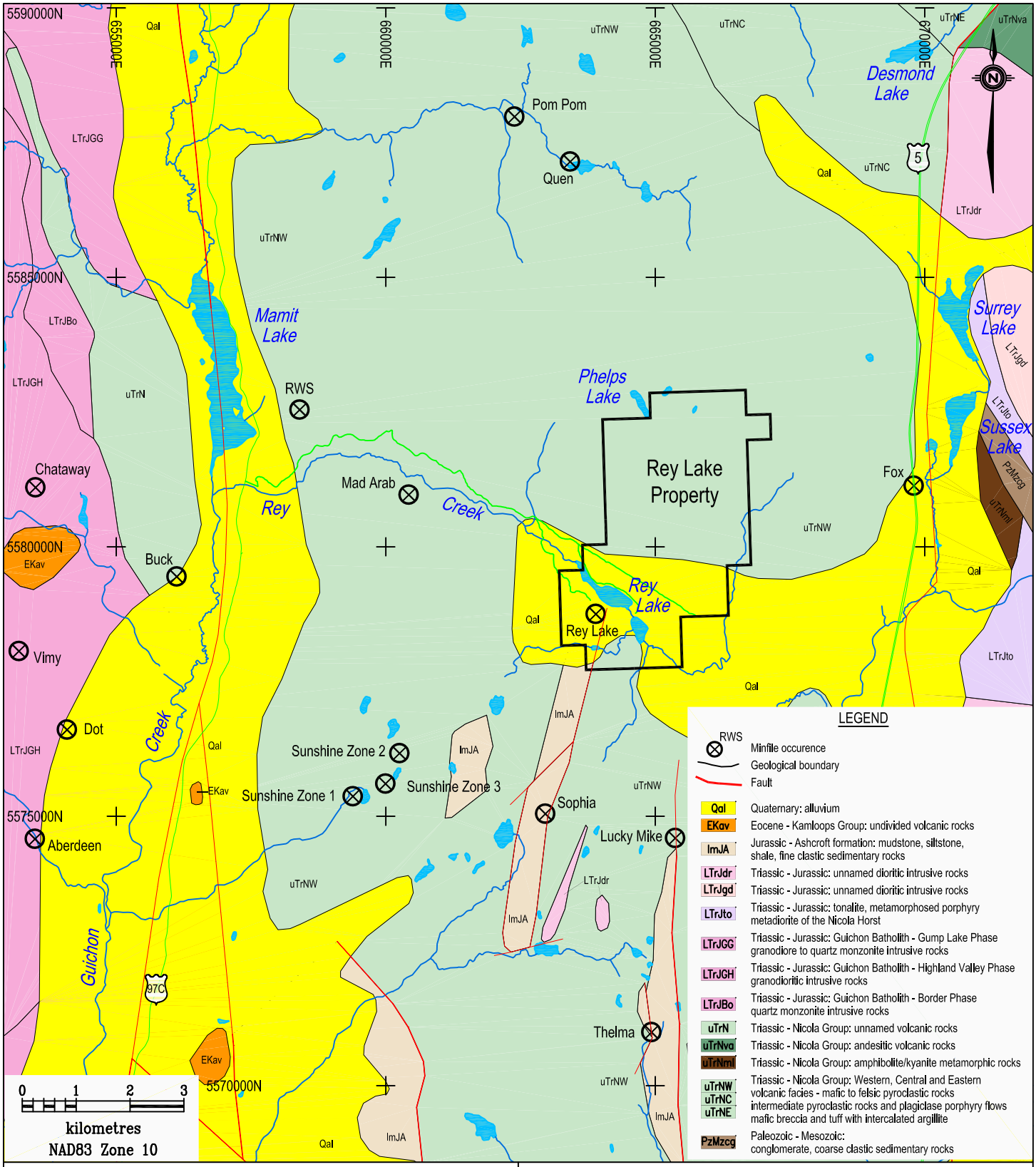
7.1 Regional Geology

The Property is situated within the Quesnel Terrane of the Intermontane Belt. The Quesnel Terrane is mainly represented by late Triassic arc alkaline to calc-alkaline, mafic to intermediate, submarine to subaerial volcanic rocks and volcanic-derived sediments of the Nicola Group (Preto, 1979). Reconnaissance mapping and compilation by Monger and McMillan (1989) placed the rocks in the area as central volcanic facies. However, subsequent detailed mapping by Moore (1990) described the rocks as belonging to the western volcanic facies of the Nicola Group. This unit is characterized by mafic to felsic, plagioclase-phyric flows, pyroclastic and epiclastic breccias, tuff, and wacke with minor limestone (Moore et al., 1990). Figure 7.1 shows the regional geological setting of the Property.

The Nicola Group rocks have been intruded by large dioritic to granitic plutons ranging in age from Triassic-Jurassic to early Tertiary (Monger and McMillan, 1989). In the area of the Property, the volcanic package is bounded by the Lower Jurassic Guichon Creek batholith to the

west and the Eocene Nicola batholith, of granodiorite composition on the east. These contacts are marked by the Guichon Creek Fault, occupying the Guichon Creek valley, and the Clapperton Fault, respectively. The latter fault lies approximately 5 km west of Rey Lake. These north-south-trending brittle fault systems are Tertiary in age. They cut older, large-scale northwest–trending lineaments such as the northwest-trending Rey Creek Fault (Moore et al., 1990).

The volcanic and sedimentary rocks of the Nicola Group in this area are steeply dipping, with top of beds facing east to northeast. They have been regionally metamorphosed to lower greenschist facies (Moore et al., 1990).



DISCOVERY Consultants

Bearclaw Capital Corp.

Rey Lake Property

Minfile Showings

Regional Geology

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
Sept.15, 2016	682	1:100,000	092I.037	Nicola	7.1

7.2 Property Geology

The geology of the Property was originally mapped and described by McMillan (1973). Further geological mapping by Howell and Price (1994) and Pass and Bottomer (2005) have added to the understanding of the local geology. The following description is summarized from these reports.

The Property is underlain by mafic volcanic rocks of the Late Triassic Nicola Group. McMillan (1973) describes them as volcanic flows, fine-grained volcaniclastic rocks and possibly pyroclastic rocks with a few skarn zones derived from siliceous limestone layers. The volcanic rocks are fine-grained, mafic, likely basaltic andesite in composition, with feldspar phenocrysts. They all contain abundant chlorite and epidote. McMillan (1973) noted a zone consisting of shales, limestones, arenites and conglomerates west of the quartz monzonite stock, belonging to the Nicola Group. A hornfelsed siliceous meta-sedimentary unit was observed in six trenches and along one roadcut during the 2005 geological mapping program by Southern Rio. Pyrite, malachite and illite were also observed in the roadcut exposure (Pass and Bottomer, 2005).

The southeast part of the Property is underlain by the Rey Lake intrusive plug, consisting of a biotite quartz monzonite, as seen in drill core. It does not outcrop on surface and was not mapped by Cockfield (1948), who regionally mapped the Nicola Lake region in 1948. This stock has a K-Ar date of 67±2.5 Ma or Upper Cretaceous, although Meyers et al. (1989) notes that it bears a close resemblance to the Paleocene age [23 to 65 Ma] Rocky Gulch granite of the Nicola Horst to the east. The stock outline is conformable with bedding south of Rey Lake but becomes elongated further north, where it is conformable in a northwest direction parallel to the Rey Lake Fault (McMillan, 1973). The stock has been traced in drill core for about 2.5 km north to south and is about 1.2 km wide in the south end.

The mineralogy of the stock consists of biotite, quartz and plagioclase phenocrysts in a matrix of quartz, plagioclase and orthoclase, giving it a porphyritic texture. Disseminated pyrite is ubiquitous throughout the stock (McMillan, 1973). Chalcopyrite occurs as veinlets in localized breccia zones. Veins of quartz, calcite ± pyrite ± plagioclase also occur.

A mineralized "breccia zone" was identified in the 1973 drilling program on the southwest margin of the stock. It contains both volcanic and quartz monzonite fragments. Albite-epidote-hornfels minerals were identified in the 1973 diamond drill core.

About 800 m northwest of the breccia zone, a "skarn zone" was identified in drill core. Skarn assemblage mineralogy includes calcic plagioclase, garnet, diopside, calcite, and rare epidote remnants. Both the breccia zone and the skarn zone contain copper mineralization.

The area around Rey Lake, and possibly further outwards, is covered by thick Quaternary basal till sequences. Overburden thicknesses defined in previous drilling programs range from 5 to 20

m from about 100 m west of Rey Lake, to at least 135 m thick (DDH 75-26) north of Rey Lake.

The known mineralization has been classified as a porphyry-copper ±molybdenum type deposit (Howell and Price, 1994) and contains zones of skarn alteration within the meta-sedimentary layers. The deposit is summarized in BC MINFILE 092ISE160.

Three styles of copper mineralization are recognized on the Property, all of which are likely related to the Upper Cretaceous quartz monzonite stock (McMillan 1973). These are:

- Disseminated in the quartz monzonite stock
- Veinlets in the stock and country rocks
- In a breccia zone as veinlets and disseminations in breccia fragments

Pyrite is the dominant sulphide with lesser chalcopyrite and some molybdenite. Chalcopyrite occurs within quartz vein stockwork and breccia and to a lesser extent within epidote-garnet skarn. Quartz, calcite, potassium feldspar and zeolite are also present. Alteration type includes silicification, skarn and albitic-epidote±magnetite alteration. Drill core indicates contact metamorphism of the albite-epidote-hornfels facies (McMillan, 1973).

The volcanic rocks have been hornfelsed and chloritic alteration is widespread along with the formation of biotite. Clay-sericite alteration is associated with some of the quartz monzonite dykes.

8.0 2015 and 2016 GEOCHEMICAL SOIL SURVEYS

8.1 Sampling Method and Approach

The Property was accessed using a 4-wheel drive vehicle, travelling on a daily basis from Merritt. In 2015, 63 soil samples were collected on a 100-m by 40-m reconnaissance grid, and in 2016, 102 soil samples were collected on a 25-m by 10-m follow-up grid, for a total of 165 samples (Figure 8.1) Samples were collected in plastic bags, placed in rice bags and sent to Activation Laboratories Ltd ("Actlabs") in Kamloops, BC, for analysis.

8.2 Sampling Preparation, Analysis, QC/QA

At Actlabs, the soil samples were dried at 60° C and sieved to -80 mesh, <177 microns (Actlab code S1). The subsamples were digested in hot (90° C) aqua regia (HCl-HNO_3-H_2O) in a microprocessor-controlled digestion block for 2 hours; following this, digested samples were diluted and analyzed by Perkin Elmer Sciex ELAN 6000, 6100 or 9000 ICP-MS - inductively–coupled plasma ("ICP") mass spectrometry ("MS") techniques for a multi-element suite of 36 elements (Actlab code 1DX/AQ200). The compiled analytical and QC/QA results are shown in Appendix I and the Certificates of Analysis in Appendix II.

In the 2015 and 2016 survey, a 0.5 subsample size was used for the ICP-MS analysis. For the 2016 survey, gold was also analysed by fire assay AA methods on a 5 g subsample (Actlab code 1A2). On Figure 8.2, the ICP-MS gold results <0.5 ppb are plotted as 0.1 ppb and the fire assay results <5 ppb are plotted as 2 ppb gold.

Actlabs inserted analytical blanks within the batch. No analytical problems were noted.

Actlabs monitors precision by analyzing another subsample of -80 mesh sediments. In total, 10 duplicates were analysed. No significant variation is evident between the duplicate samples, for gold, copper and the other multi-element analyses.

Accuracy was monitored by the addition of standards. The laboratory has inserted various standards (Appendix I) to monitor for errors in the analytical process. The analyses of the inserted standards show acceptable results for gold and copper.

8.3 Results

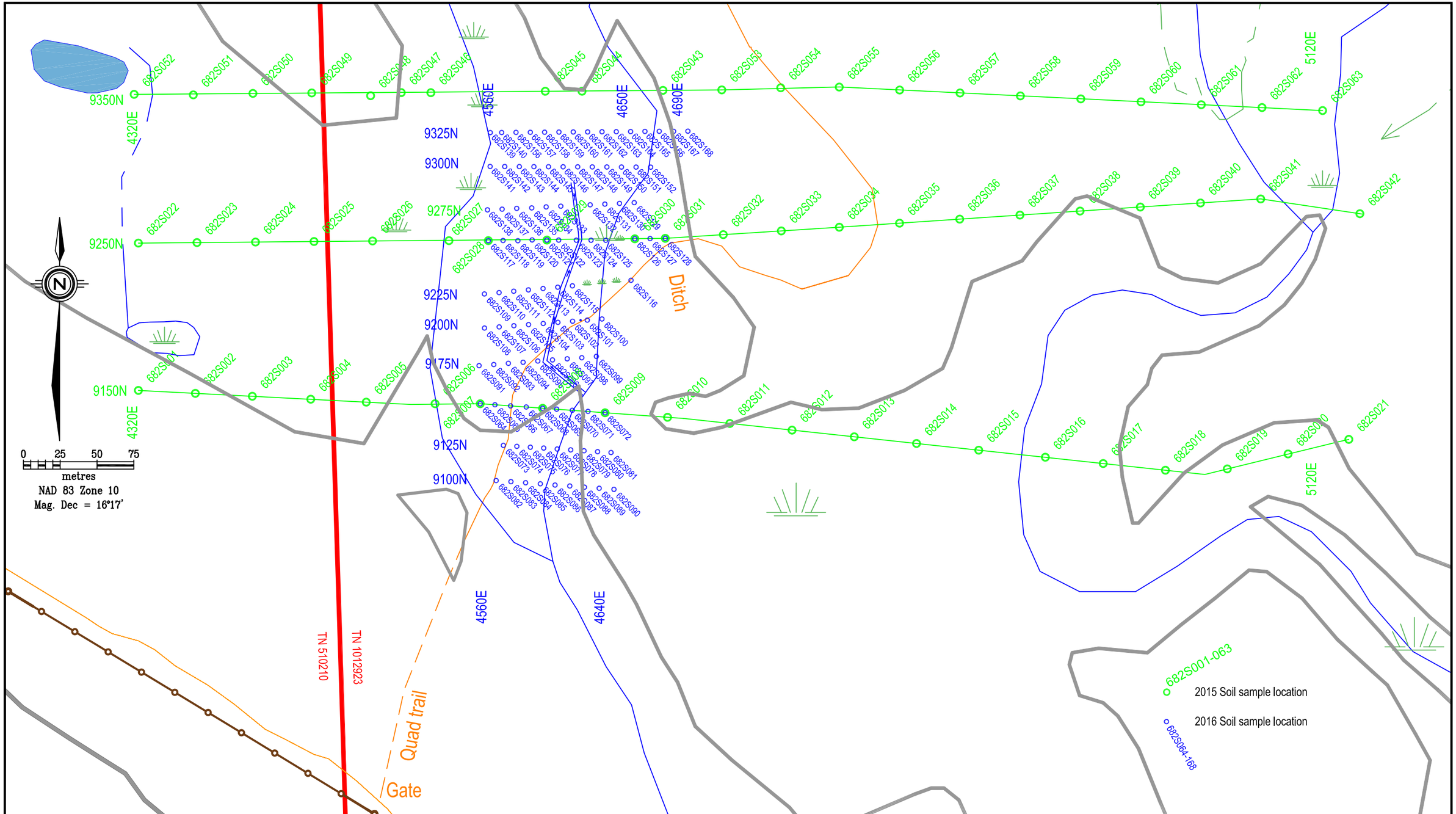
Figure 8.1 shows the locations of the 2015 and 216 soil sampling on titles 510210 and 1012923. Gold and copper values are shown on Figures 8.2 and 8.3. Figure 8.4 shows anomalous copper samples. In total, 165 samples were collected.

The soil samples were collected in an area that is underlain predominantly by the upper Triassic Nicola Group mafic volcanic rocks and minor metasedimentary rocks. In addition, glacial till forms a till blanket of 10+ m thick around Rey Lake. Historical diamond drilling at one location 300 m north of the lake under the power line (drillhole 75-26), indicated a thick cover of glacial drift of 135 m. In contrast, creeks dissecting the area to the north contain numerous boulders, suggesting a thinner mantle of glacial till. During the sampling, angular volcanic rocks indicative of subcrop were noted in places.

The 2015 reconnaissance soil results confirm the anomalous gold (588 ppb Au) in stream sediments (note that this sample and the creek are 25 m west of where the TRIM map plots the creek), but not the 1264 ppb gold in the drainage to the east. Copper silt values of 163 and 60 ppm also occur in this area. In the soil survey, two samples on adjoining grid lines 100 m apart returned 84 and 420 ppb gold.

The 2016 follow-up survey results confirm low levels of gold in soils in the vicinity of the 420 ppb gold sample; on the same grid line and on the one to the north, 10 of 18 samples have values ≥10 ppb gold, up to a maximum of 36 ppb gold (Figure 8.2). Adjoining the 84 ppb gold sample is a 12 ppb gold sample.

Figure 8.4 shows anomalous copper clusters, with 9 samples >100 ppm Cu and values up to 146 ppm.



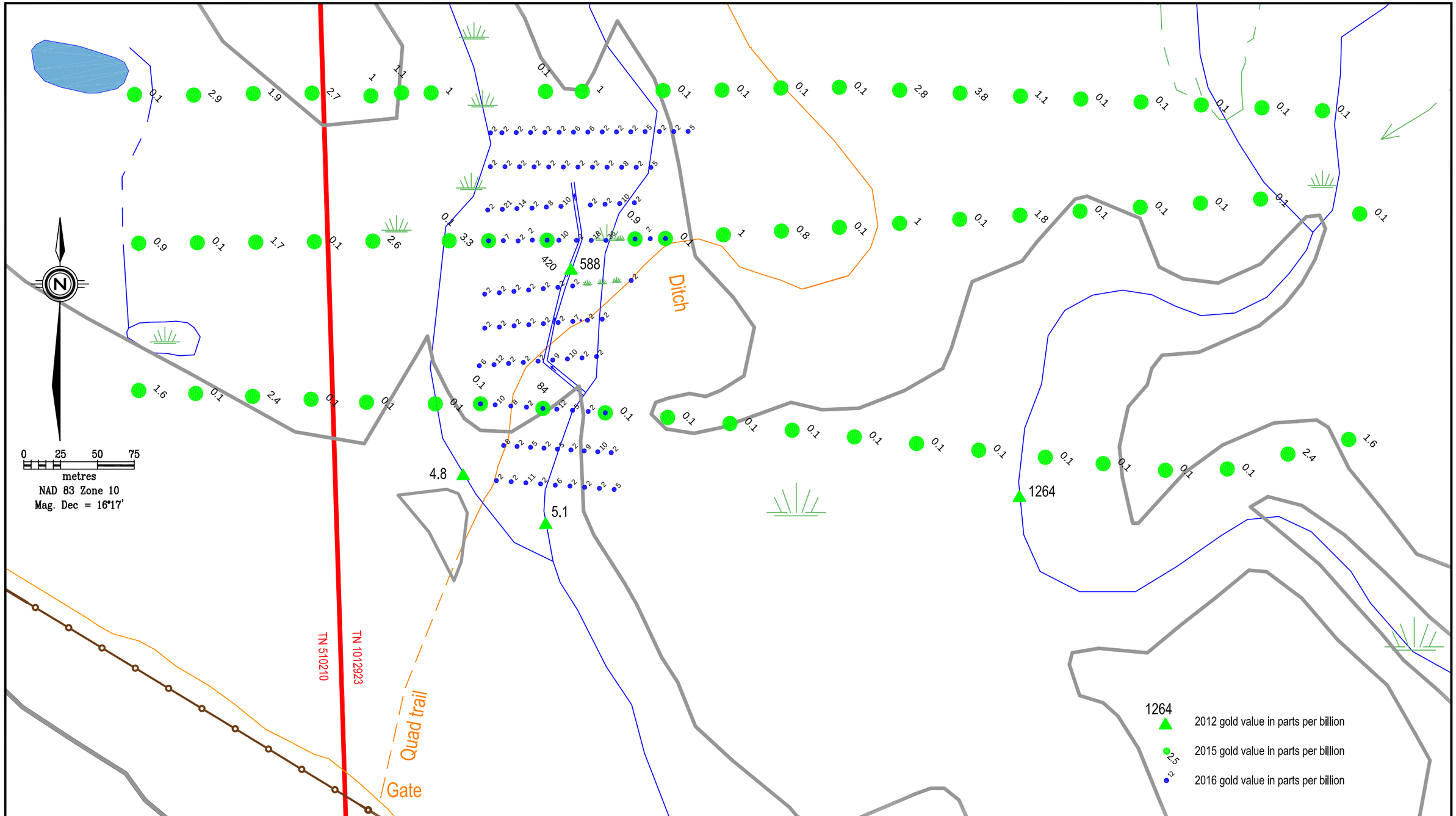
DISCOVERY Consultants

Bearclaw Capital Corp.

Rey Lake Property

2015 & 2016 Soil Sample Grid Locations

Date:	Sept.15, 2016	Project:	682	Scale:	1:2500	N.T.S.:	092I.037	Mining Div:	Nicola	Figure:	8.1



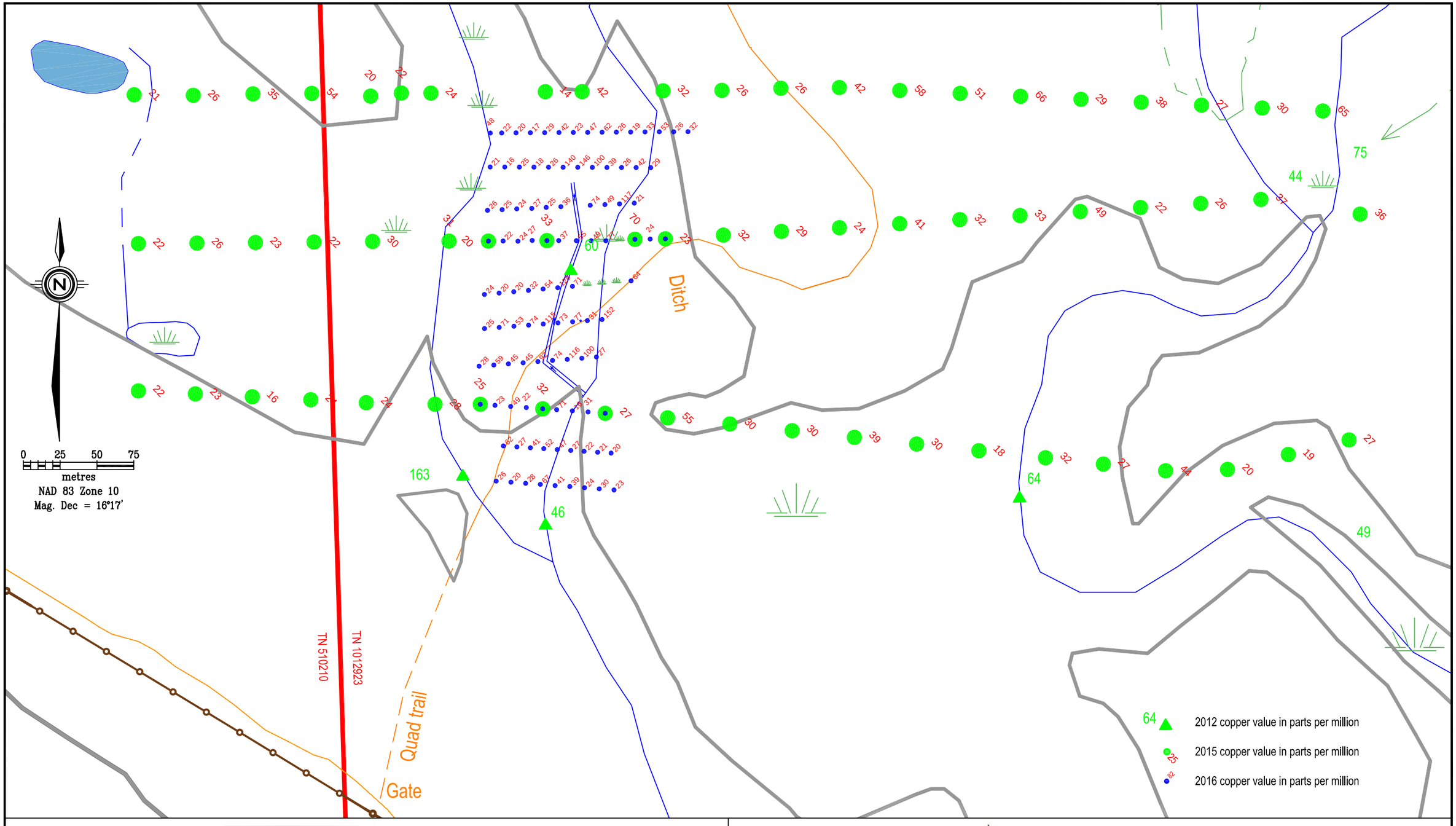
DISCOVERY Consultants

Bearclaw Capital Corp.

Rey Lake Property

2015 & 2016 Soil Sample Grid – Gold Values

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
Sept.15, 2016	682	1:2500	092I.037	Nicola	8.2



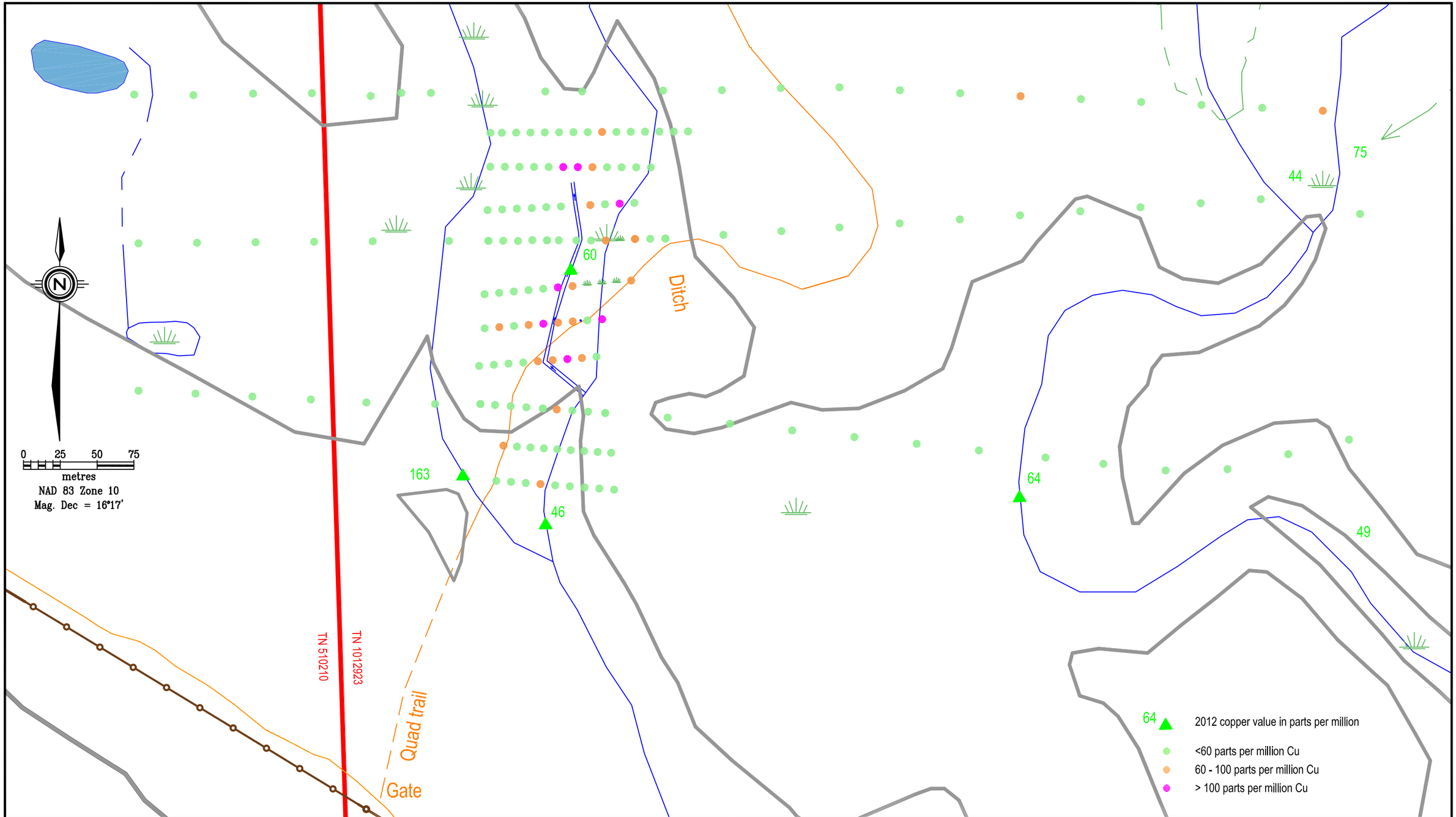
DISCOVERY Consultants

Bearclaw Capital Corp.

Rey Lake Property

2015 & 2016 Soil Sample Grid – Copper Values

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
Sept.15, 2016	682	1:2500	092I.037	Nicola	8.3



DISCOVERY Consultants

Bearclaw Capital Corp.

Rey Lake Property

2015 & 2016 Soil Sample Grid – Copper Anomalies

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
Sept.15, 2016	682	1:2500	092I.037	Nicola	8.4

9.0 DISCUSSION AND CONCLUSIONS

The reconnaissance and follow-up soil surveys indicate some generally low-level anomalous gold values. The exploration to date has not found any gold anomalies that warrant additional exploration.

These surveys demonstrate that moderately anomalous copper values tend to cluster. If future exploration is carried out in the area, a geochemical rock sampling survey testing angular float and/or outcrop is warranted.

During the sampling, sufficient angular rock float was noted to indicate some relatively local bedrock source for the soil anomalies.

10.0 RECOMMENDATIONS

The mapping of surficial sediments in the areas of the anomalous copper, along with a geochemical rock sampling survey, would help to determine the potential for porphyry copper mineralization. The data would be of assistance to determine potential on other portions of the Property where rock outcrops are scarce.

Respectfully submitted,

DISCOVERY CONSULTANTS

Original Signed by Author

W.R. Gilmour, PGeo

Vernon, BC
September 27, 2016

11.0 REFERENCES

British Columbia Department of Energy, Mines and Petroleum Resources; MINFILE 092ISE 160

British Columbia Department of Energy, Mines and Petroleum Resources; Exploration in BC, 1975 p E84; 1986 p C230; 1989 p 119-134

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Cockfield, W.E. (1948): Geology and mineral deposits of the Nicola map area, British Columbia, Geological Survey of Canada Memoir 249, 164 pp

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Howell, W.A. and Price, B.J. (1994): Report on the Drilling Program, 1993, Rey Lake Property, for Hera Resources Inc, Assessment Report 24600

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Preto, V.A. (1979): Geology of the Nicola Group between Merritt and Princeton, British Columbia Geological Survey Bulletin 69, 90 pp

Vollo, N.B. (1974): Diamond Drilling Report on the Rey Lake Property, for Craigmont Mines Ltd, Assessment Report 5320

Vollo, N.B. (1975): Diamond Drilling Report on the Rey Lake Property, for Craigmont Mines Ltd, Assessment Report 5658

12.0 STATEMENT OF COSTS

1.	Professional Services:				
	W.R. Gilmour, P.Geo				
	Supervising & Planning				
	6.5 hrs @	$100		$650	
	Data Compilation, Report Writing				
	35 hrs @	$100		3,500	
				---	$4,150
2.	Personnel				
	Field (June 22-23, 2015, May 16-17, 2016)				
	R.Mitchell				
	4 days @	$575	2,300		
	D.Main				
	4 days @	$400	1,600		
			---	3,900	
	Office				
	Drafting			1,110	
	Data Compilation			420	
	Field Support			210	
	Secretarial			900	
				---	6,540
3.	Expenses				
	Equipment Rental			65	
	Communications			10	
	Maps			15	
	Office			100	
	Field Supplies			120	
	Lodging & Meals			427	
	Soil sample prep and analyses - Act Labs			3,489	
	Freight			114	
	Transport				
	4x4	4 days @	45	180	
	Mileage	900 km @	$0.50	450	
	Fuel			105	
			---	735	
	DC Management Fees			508	
				---	5,583

				Subtotal	16,273
	Corporate MF (10%)				1,627

				Total	$17,900

13.0 STATEMENT OF QUALIFICATIONS

I, William R. Gilmour, BSc, PGeo, do hereby certify that:

1. I am a consulting geologist in mineral exploration with Discovery Consultants, 2916 29th Street, Vernon, BC, V1T 5A6.
2. I am a 1970 graduate of the University of British Columbia with a Bachelor of Science degree in geology.
3. I am the author of a Report on the Property entitled "Assessment Report on the 2015 and 2016 Geochemical Soil Surveys, Rey Lake Property, Nicola Mining Division, BC", for Bearclaw Capital Corp, dated September 27, 2016.
4. I have been practicing my profession since graduation. I have over 40 years experience in mineral exploration on for a variety of base and precious metals, uranium and diamonds. My working experience includes grassroots & reconnaissance exploration, project evaluation, geological mapping, planning and execution of drilling programs, and project reporting and project management.
5. I am a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (membership #109681).
6. This report is based upon knowledge of the Property gained from the management of geochemical exploration programs carried out on the Property in 2012, 2015 and 2016.
7. I am a director of Bearclaw Capital Corp.

Dated: September 27, 2016

Original Signed by Author

William R. Gilmour, PGeo

APPENDIX I

Soil Geochemistry

Compiled Analytical Results

Rey Lake Property
Soil Survey Results 2015-2016

Sample Number	Datum	Zone	Northing UTM(m)	Easting UTM(m)	Soil Horizon	Sample Depth (cm)	Report Number	Analyte Symbol-->	**Au**	**Au**	**Ag**	**Cu**	**Mo**	**Pb**	**Zn**	**As**
								Unit Symbol-->	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
								Detection Limit-->	5	0.5	0.1	0.1	0.1	0.1	1	0.5
								Analysis Method-->	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682S001	NAD83	10	5579159	664324	B	10	A15-04822			1.6	< 0.1	22.3	0.4	3.2	52	2.4
682S002	NAD83	10	5579157	664363	B	8	A15-04822			< 0.5	< 0.1	23.3	0.6	4.2	82	2.1
682S003	NAD83	10	5579155	664401	B	5	A15-04822			2.4	< 0.1	15.8	0.4	3.3	65	1.8
682S004	NAD83	10	5579153	664441	B	6	A15-04822			< 0.5	0.1	24.3	0.5	3.4	88	2.0
682S005	NAD83	10	5579151	664479	B	8	A15-04822			< 0.5	0.1	23.9	0.6	4.4	95	3.4
682S006	NAD83	10	5579150	664525	B	10	A15-04822			< 0.5	< 0.1	28.2	0.7	4.2	111	3.0
682S007	NAD83	10	5579150	664556	B	10	A15-04822			< 0.5	0.2	25.3	0.6	4.1	112	4.0
682S008	NAD83	10	5579147	664598	B	5	A15-04822			83.8	0.2	31.8	0.7	5.1	111	4.7
682S009	NAD83	10	5579144	664641	B	8	A15-04822			< 0.5	0.1	26.6	0.5	4.4	83	3.0
682S010	NAD83	10	5579141	664683	B	8	A15-04822			< 0.5	0.2	55.4	1.1	6.4	92	6.2
682S011	NAD83	10	5579137	664725	B	10	A15-04822			< 0.5	0.2	29.9	0.6	4.4	114	3.0
682S012	NAD83	10	5579132	664768	B	8	A15-04822			< 0.5	0.2	30.4	0.7	6.0	137	4.1
682S013	NAD83	10	5579128	664810	B	5	A15-04822			< 0.5	0.3	39.1	0.9	6.9	126	6.1
682S014	NAD83	10	5579123	664852	B	10	A15-04822			< 0.5	0.3	29.8	0.8	8.1	112	5.9
682S015	NAD83	10	5579118	664894	B	5	A15-04822			< 0.5	0.1	18.3	0.4	3.0	46	2.1
682S016	NAD83	10	5579114	664940	B	5	A15-04822			< 0.5	0.2	31.9	0.4	2.9	49	2.2
682S017	NAD83	10	5579109	664979	B	14	A15-04822			< 0.5	1.0	27.3	0.6	6.9	49	1.8
682S018	NAD83	10	5579105	665021	B	8	A15-04822			< 0.5	0.4	44.4	1.1	5.0	81	4.7
682S019	NAD83	10	5579106	665063	B	10	A15-04822			< 0.5	0.3	19.9	0.4	2.8	57	1.4
682S020	NAD83	10	5579116	665105	B	5	A15-04822			2.4	0.3	19.0	0.5	3.0	69	1.2
682S021	NAD83	10	5579126	665146	B	8	A15-04822			1.6	0.2	27.2	0.3	2.3	34	1.4
682S022	NAD83	10	5579259	664324	B	20	A15-04822			0.9	0.3	21.8	0.8	4.6	102	2.7
682S023	NAD83	10	5579259	664364	B	35	A15-04822			< 0.5	0.2	26.2	1.7	3.4	52	1.8
682S024	NAD83	10	5579260	664403	B	25	A15-04822			1.7	0.2	23.3	0.5	4.0	56	2.0
682S025	NAD83	10	5579260	664443	B	30	A15-04822			< 0.5	0.2	22.2	0.7	4.3	53	2.4
682S026	NAD83	10	5579260	664483	B	20	A15-04822			2.6	0.2	30.2	0.7	4.6	73	2.9

Sample	Sb	Ba	Co	Cr	Ni	Fe	Mn	Al	Ca	K	Mg	Na	P	Ti	Ga	La	S	Se
Number	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%	%	%	%	%	%	ppm	ppm	%	ppm
	0.1	0.5	0.1	1	0.1	0.01	1	0.01	0.01	0.01	0.01	0.001	0.001	0.001	1	1	1	0.5
	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682S001	0.2	76	11.9	52	22.8	3.14	427	1.73	0.95	0.14	0.69	0.018	0.037	0.189	5	4	< 1	< 0.5
682S002	0.2	105	10.9	41	25.4	2.65	297	1.99	0.60	0.10	0.60	0.033	0.040	0.153	6	6	< 1	< 0.5
682S003	0.2	95	9.4	42	18.7	2.71	373	1.75	0.81	0.14	0.54	0.025	0.039	0.175	5	4	< 1	< 0.5
682S004	0.2	102	13.7	55	25.5	3.26	552	2.00	0.87	0.16	0.69	0.024	0.082	0.173	6	6	< 1	< 0.5
682S005	0.2	144	11.0	34	23.9	2.80	501	2.46	0.69	0.11	0.56	0.026	0.085	0.114	6	5	< 1	< 0.5
682S006	0.2	105	13.3	46	25.6	3.27	345	2.44	0.80	0.11	0.73	0.029	0.043	0.155	7	5	< 1	0.5
682S007	0.1	130	9.8	28	22.9	2.27	413	2.61	0.44	0.10	0.43	0.028	0.111	0.092	7	4	< 1	< 0.5
682S008	0.2	103	12.3	35	21.7	2.90	512	2.18	0.73	0.09	0.63	0.020	0.056	0.084	6	5	< 1	0.6
682S009	0.2	115	12.4	52	26.6	3.22	397	2.38	0.83	0.11	0.74	0.028	0.063	0.165	7	5	< 1	< 0.5
682S010	0.4	130	15.1	58	30.5	4.17	394	2.81	0.74	0.12	0.93	0.019	0.072	0.130	7	6	< 1	0.6
682S011	0.1	137	13.3	47	27.0	3.03	681	2.64	0.74	0.13	0.64	0.024	0.152	0.124	7	6	< 1	0.5
682S012	0.2	151	11.9	31	23.9	2.75	836	2.47	0.56	0.16	0.54	0.028	0.112	0.088	6	5	< 1	0.6
682S013	0.2	145	13.8	40	30.7	3.41	424	2.97	0.60	0.09	0.73	0.028	0.076	0.124	7	6	< 1	< 0.5
682S014	0.2	119	12.3	34	22.7	2.91	544	2.23	0.59	0.13	0.57	0.020	0.076	0.096	6	5	< 1	< 0.5
682S015	< 0.1	72	6.6	23	13.7	1.66	360	1.40	0.59	0.05	0.34	0.017	0.029	0.058	4	3	< 1	< 0.5
682S016	0.2	80	14.0	65	31.4	3.39	406	1.82	1.01	0.08	0.85	0.024	0.060	0.179	6	7	< 1	< 0.5
682S017	0.2	89	13.1	85	38.6	3.24	359	1.75	0.99	0.09	0.75	0.027	0.040	0.207	6	7	< 1	0.5
682S018	0.2	122	15.3	44	28.2	3.58	781	2.46	0.74	0.10	0.76	0.020	0.090	0.114	6	7	< 1	0.6
682S019	0.1	81	12.4	57	26.3	2.77	662	1.30	0.62	0.15	0.61	0.013	0.029	0.140	4	4	< 1	< 0.5
682S020	0.1	102	11.9	53	24.9	2.66	557	1.63	0.60	0.16	0.59	0.015	0.068	0.119	5	4	< 1	< 0.5
682S021	0.2	56	12.6	63	28.4	2.83	413	1.31	0.75	0.14	0.73	0.013	0.024	0.144	4	5	< 1	0.6
682S022	0.2	127	11.5	29	20.2	2.49	738	2.11	0.46	0.09	0.49	0.016	0.127	0.082	6	3	< 1	< 0.5
682S023	0.2	85	13.8	53	24.2	3.01	451	1.91	0.75	0.15	0.70	0.017	0.052	0.147	5	6	< 1	0.7
682S024	0.2	111	13.4	44	23.2	3.01	532	1.91	0.79	0.14	0.65	0.022	0.040	0.156	6	6	< 1	< 0.5
682S025	0.2	94	11.1	35	19.6	2.51	430	1.66	0.84	0.11	0.56	0.017	0.039	0.119	5	5	< 1	0.8
682S026	0.3	144	13.1	49	29.1	3.31	445	2.39	0.89	0.13	0.81	0.026	0.040	0.169	6	7	< 1	0.5

Sample Number	Sc ppm 0.1 AR-MS	Sr ppm 1 AR-MS	Th ppm 0.1 AR-MS	V ppm 2 AR-MS	Hg ppm 0.01 AR-MS	B ppm 20 AR-MS	Bi ppm 0.1 AR-MS	Cd ppm 0.1 AR-MS	Te ppm 0.2 AR-MS	Tl ppm 0.1 AR-MS	W ppm 0.1 AR-MS
682S001	6.3	47	0.7	103	0.02	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S002	5.3	38	1.0	74	0.04	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S003	5.1	43	0.8	87	0.02	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S004	6.7	47	0.9	99	0.03	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S005	4.8	37	0.9	72	0.01	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S006	6.5	46	1.0	97	0.01	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S007	4.0	26	0.8	58	0.03	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S008	5.2	42	0.4	79	0.01	< 20	< 0.1	0.3	< 0.2	< 0.1	< 0.1
682S009	6.4	50	0.9	96	0.01	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S010	7.0	42	0.9	119	0.03	< 20	< 0.1	0.2	< 0.2	< 0.1	< 0.1
682S011	6.1	38	1.1	83	0.03	< 20	< 0.1	0.2	< 0.2	< 0.1	< 0.1
682S012	4.8	30	0.5	66	0.02	< 20	< 0.1	0.2	< 0.2	< 0.1	< 0.1
682S013	6.2	39	0.9	90	0.03	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682S014	5.1	34	0.6	75	0.02	< 20	< 0.1	0.2	< 0.2	< 0.1	< 0.1
682S015	2.9	30	0.3	46	0.01	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S016	7.0	58	0.9	112	0.01	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S017	6.6	59	1.2	109	0.01	< 20	< 0.1	0.5	< 0.2	< 0.1	< 0.1
682S018	6.9	38	0.8	96	0.04	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S019	5.2	30	0.7	85	0.01	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S020	4.5	31	0.6	76	< 0.01	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S021	5.9	36	0.7	92	0.01	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S022	3.7	24	0.6	61	0.03	< 20	< 0.1	0.2	< 0.2	< 0.1	< 0.1
682S023	5.9	41	0.8	88	0.01	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S024	5.6	39	0.9	84	0.02	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S025	4.5	36	0.6	70	0.01	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S026	7.5	48	1.3	91	0.08	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1

Sample Number	Datum	Zone	Northing UTM(m)	Easting UTM(m)	Soil Horizon	Sample Depth (cm)	Report Number	Analyte Symbol-->	**Au**	**Au**	**Ag**	**Cu**	**Mo**	**Pb**	**Zn**	**As**
								Unit Symbol-->	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
								Detection Limit-->	5	0.5	0.1	0.1	0.1	0.1	1	0.5
								Analysis Method-->	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682S027	NAD83	10	5579261	664535	B	30	A15-04822			< 0.5	0.2	31.4	0.6	3.9	64	3.1
682S028	NAD83	10	5579261	664561	B	15	A15-04822			3.3	0.2	20.0	0.7	5.5	129	4.5
682S029	NAD83	10	5579261	664601	B	30	A15-04822			420.0	0.3	32.8	0.4	5.1	93	3.1
682S030	NAD83	10	5579262	664661	B	15	A15-04822			0.9	0.3	70.0	0.7	4.4	78	4.7
682S031	NAD83	10	5579262	664682	B	35	A15-04822			< 0.5	0.4	23.2	0.6	5.9	133	3.6
682S032	NAD83	10	5579265	664721	B	35	A15-04822			1.0	0.4	31.6	0.7	7.1	157	5.8
682S033	NAD83	10	5579267	664760	B	35	A15-04822			0.8	0.4	28.7	0.9	8.5	157	6.0
682S034	NAD83	10	5579270	664800	B	25	A15-04822			< 0.5	0.2	24.2	0.4	3.2	53	1.6
682S035	NAD83	10	5579273	664841	B	35	A15-04822			1.0	0.2	40.8	0.4	3.2	47	2.7
682S036	NAD83	10	5579275	664882	B	25	A15-04822			< 0.5	0.2	32.3	0.4	3.4	49	2.2
682S037	NAD83	10	5579278	664922	B	40	A15-04822			1.8	0.2	33.1	0.3	3.2	46	2.1
682S038	NAD83	10	5579281	664963	B	35	A15-04822			< 0.5	0.2	49.1	0.4	3.8	67	3.7
682S039	NAD83	10	5579284	665004	B	25	A15-04822			< 0.5	0.2	21.9	0.4	3.5	54	1.6
682S040	NAD83	10	5579286	665045	B	25	A15-04822			< 0.5	0.1	26.4	0.5	3.2	48	2.5
682S041	NAD83	10	5579289	665086	B	20	A15-04822			< 0.5	0.1	36.6	0.5	3.6	61	2.8
682S042	NAD83	10	5579279	665153	B	25	A15-04822			< 0.5	0.1	35.5	0.3	2.8	55	1.5
682S043	NAD83	10	5579363	664680	B	25	A15-04822			< 0.5	0.2	31.7	0.7	6.3	98	3.8
682S044	NAD83	10	5579362	664625	B	20	A15-04822			1.0	0.2	41.6	0.6	6.4	152	4.3
682S045	NAD83	10	5579362	664600	B	20	A15-04822			< 0.5	0.2	14.0	0.5	4.7	146	2.6
682S046	NAD83	10	5579361	664522	B	25	A15-04822			1.0	0.2	23.5	0.6	3.5	74	2.2
682S047	NAD83	10	5579361	664502	B	25	A15-04822			1.1	0.2	21.6	0.6	3.9	59	2.5
682S048	NAD83	10	5579359	664482	B	30	A15-04822			1.0	0.2	20.0	0.7	4.1	69	2.0
682S049	NAD83	10	5579361	664442	B	40	A15-04822			2.7	0.2	54.0	0.7	4.8	78	4.7
682S050	NAD83	10	5579361	664402	B	30	A15-04822			1.9	0.2	34.7	0.9	4.7	63	3.6
682S051	NAD83	10	5579360	664361	B	20	A15-04822			2.9	0.1	26.1	0.5	3.3	47	2.8
682S052	NAD83	10	5579360	664321	B	25	A15-04822			< 0.5	0.1	21.4	0.5	3.9	59	2.6
682S053	NAD83	10	5579363	664720	B	8	A15-04822			< 0.5	0.1	26.3	0.4	4.3	47	2.0
682S054	NAD83	10	5579364	664760	B	8	A15-04822			< 0.5	0.1	25.8	0.6	4.3	53	2.1
682S055	NAD83	10	5579365	664800	B	5	A15-04822			< 0.5	0.2	41.6	0.6	4.4	62	2.6

Sample Number	Sb ppm 0.1 AR-MS	Ba ppm 0.5 AR-MS	Co ppm 0.1 AR-MS	Cr ppm 1 AR-MS	Ni ppm 0.1 AR-MS	Fe % 0.01 AR-MS	Mn ppm 1 AR-MS	Al % 0.01 AR-MS	Ca % 0.01 AR-MS	K % 0.01 AR-MS	Mg % 0.01 AR-MS	Na % 0.001 AR-MS	P % 0.001 AR-MS	Ti % 0.001 AR-MS	Ga ppm 1 AR-MS	La ppm 1 AR-MS	S % 1 AR-MS	Se ppm 0.5 AR-MS
682S027	0.2	77	15.3	52	25.4	3.51	469	2.01	0.83	0.07	0.86	0.017	0.045	0.160	6	5	< 1	< 0.5
682S028	0.2	119	10.8	29	18.7	2.56	716	2.25	0.56	0.11	0.48	0.017	0.094	0.092	6	4	< 1	< 0.5
682S029	0.2	121	11.1	34	20.2	2.67	423	2.36	0.75	0.09	0.54	0.024	0.045	0.112	6	6	< 1	0.6
682S030	0.3	78	11.6	41	24.2	2.91	333	2.23	0.99	0.08	0.67	0.021	0.026	0.100	5	7	< 1	0.8
682S031	0.2	112	10.2	27	17.3	2.43	655	2.24	0.49	0.06	0.49	0.020	0.115	0.083	6	4	< 1	< 0.5
682S032	0.2	130	10.8	28	23.2	2.51	516	2.70	0.45	0.10	0.54	0.029	0.076	0.098	7	6	< 1	< 0.5
682S033	0.2	113	10.5	27	19.6	2.47	588	2.31	0.46	0.09	0.53	0.025	0.087	0.088	6	5	< 1	< 0.5
682S034	0.1	82	10.1	46	21.7	2.66	346	2.11	0.84	0.09	0.58	0.028	0.028	0.154	6	6	< 1	< 0.5
682S035	0.2	98	11.6	50	29.2	2.78	420	2.05	0.96	0.10	0.72	0.033	0.035	0.136	5	7	< 1	< 0.5
682S036	0.2	93	12.9	68	34.3	3.51	336	2.06	0.99	0.10	0.86	0.031	0.029	0.186	6	6	< 1	< 0.5
682S037	0.2	87	8.9	36	22.9	2.20	346	1.76	0.82	0.08	0.58	0.023	0.023	0.105	5	6	< 1	< 0.5
682S038	0.3	104	15.1	70	43.6	3.64	392	2.28	1.27	0.14	1.42	0.059	0.060	0.148	7	8	< 1	0.7
682S039	0.2	91	12.0	50	25.2	2.98	309	2.04	0.77	0.11	0.68	0.029	0.056	0.168	6	5	< 1	< 0.5
682S040	0.2	93	15.6	69	32.1	3.87	384	2.16	1.21	0.11	1.05	0.029	0.062	0.218	6	6	< 1	< 0.5
682S041	0.2	113	15.1	76	36.8	3.92	500	2.35	1.18	0.13	1.21	0.032	0.043	0.222	7	8	< 1	0.6
682S042	0.2	78	13.4	78	35.8	3.15	356	2.04	1.00	0.09	0.90	0.028	0.035	0.175	6	6	< 1	< 0.5
682S043	0.2	114	14.1	57	29.8	3.70	466	2.44	0.93	0.16	0.86	0.025	0.063	0.181	7	6	< 1	0.6
682S044	0.2	118	11.5	39	24.1	3.05	391	2.76	0.78	0.10	0.69	0.023	0.098	0.105	6	6	< 1	< 0.5
682S045	< 0.1	81	7.4	22	12.9	1.78	625	1.70	0.43	0.07	0.30	0.023	0.131	0.067	5	3	< 1	< 0.5
682S046	0.2	110	12.7	51	23.4	3.22	566	2.16	0.94	0.15	0.77	0.025	0.077	0.178	6	6	< 1	< 0.5
682S047	0.2	85	12.5	51	22.8	3.39	448	2.12	1.02	0.12	0.79	0.020	0.041	0.212	6	5	< 1	< 0.5
682S048	0.2	107	11.5	43	22.8	2.96	416	2.14	0.83	0.13	0.66	0.027	0.042	0.181	6	6	< 1	0.5
682S049	0.3	141	16.5	67	41.1	4.14	562	3.15	1.20	0.18	1.20	0.027	0.057	0.191	8	12	< 1	0.7
682S050	0.3	126	14.0	47	26.3	3.55	534	2.44	0.96	0.14	0.88	0.024	0.036	0.168	6	7	< 1	0.7
682S051	0.2	88	14.1	68	27.9	3.70	385	2.14	1.17	0.11	0.93	0.024	0.051	0.215	6	6	< 1	0.5
682S052	0.2	90	13.0	55	22.9	3.56	425	2.16	1.14	0.11	0.85	0.021	0.041	0.224	6	6	< 1	< 0.5
682S053	0.2	100	11.5	46	23.5	2.95	331	2.13	0.88	0.09	0.70	0.022	0.043	0.151	6	6	< 1	< 0.5
682S054	0.2	100	10.4	44	22.1	2.62	498	2.03	0.92	0.10	0.61	0.025	0.046	0.153	5	6	< 1	< 0.5
682S055	0.2	127	14.9	70	38.2	3.67	534	2.71	1.16	0.11	0.99	0.035	0.037	0.185	7	7	< 1	0.6

Sample Number	Sc ppm 0.1 AR-MS	Sr ppm 1 AR-MS	Th ppm 0.1 AR-MS	V ppm 2 AR-MS	Hg ppm 0.01 AR-MS	B ppm 20 AR-MS	Bi ppm 0.1 AR-MS	Cd ppm 0.1 AR-MS	Te ppm 0.2 AR-MS	Tl ppm 0.1 AR-MS	W ppm 0.1 AR-MS
682S027	6.8	43	0.8	112	0.03	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S028	3.7	29	0.6	69	0.02	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682S029	5.4	44	1.0	71	0.03	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682S030	7.4	40	0.8	77	0.03	< 20	< 0.1	0.2	< 0.2	< 0.1	< 0.1
682S031	4.0	24	0.7	62	0.03	< 20	< 0.1	0.2	< 0.2	< 0.1	< 0.1
682S032	5.3	29	1.0	64	0.03	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682S033	4.7	28	0.8	64	0.01	< 20	< 0.1	0.2	< 0.2	< 0.1	< 0.1
682S034	6.1	44	0.9	82	0.02	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S035	6.9	48	0.9	90	0.02	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S036	7.4	62	1.2	115	0.03	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S037	5.4	40	0.8	61	0.05	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S038	9.9	72	1.3	103	0.10	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S039	5.6	50	0.9	92	0.02	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S040	7.5	75	1.0	134	0.02	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S041	9.4	80	1.3	137	0.03	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S042	7.2	57	1.0	104	0.02	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S043	7.2	54	1.0	113	0.03	< 20	< 0.1	0.2	< 0.2	< 0.1	< 0.1
682S044	6.1	37	1.0	79	0.01	< 20	< 0.1	0.3	< 0.2	< 0.1	< 0.1
682S045	2.8	23	0.5	45	0.03	< 20	< 0.1	0.2	< 0.2	< 0.1	< 0.1
682S046	6.9	51	0.9	103	0.01	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S047	6.6	54	0.8	115	0.02	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S048	6.0	46	0.9	90	0.01	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S049	11.6	61	1.5	120	0.02	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S050	8.1	47	1.3	102	0.02	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S051	8.1	66	1.1	123	0.02	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S052	7.0	60	0.9	124	0.01	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S053	6.2	39	1.0	87	0.04	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S054	5.9	45	0.9	81	0.05	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S055	8.4	58	1.3	113	0.03	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1

Sample Number	Datum	Zone	Northing UTM(m)	Easting UTM(m)	Soil Horizon	Sample Depth (cm)	Report Number	Analyte Symbol-->	**Au**	**Au**	**Ag**	**Cu**	**Mo**	**Pb**	**Zn**	**As**
								Unit Symbol-->	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
								Detection Limit-->	5	0.5	0.1	0.1	0.1	0.1	1	0.5
								Analysis Method-->	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682S056	NAD83	10	5579363	664841	B	5	A15-04822			2.8	0.2	58.3	0.5	4.4	56	3.0
682S057	NAD83	10	5579361	664882	B	10	A15-04822			3.8	0.2	50.9	0.5	4.4	65	4.1
682S058	NAD83	10	5579359	664923	B	40	A15-04822			1.1	0.2	65.6	0.4	4.0	65	3.8
682S059	NAD83	10	5579357	664964	B	40	A15-04822			< 0.5	0.2	28.9	0.5	4.9	75	2.3
682S060	NAD83	10	5579355	665005	B	20	A15-04822			< 0.5	0.1	38.4	0.3	3.6	49	2.2
682S061	NAD83	10	5579353	665046	B	10	A15-04822			< 0.5	0.1	27.4	0.4	3.4	60	1.8
682S062	NAD83	10	5579351	665087	B	8	A15-04822			< 0.5	0.1	29.5	0.5	3.7	63	2.2
682S063	NAD83	10	5579349	665128	B	15	A15-04822			< 0.5	0.1	65.3	0.3	4.0	70	2.3
682-S064	NAD83	10	5579150	664556	B	30	A16-04570		22	< 0.5	0.3	26.2	0.8	5.2	105	4.9
682-S065	NAD83	10	5579149	664566	B	60	A16-04570		10	< 0.5	0.4	23.3	0.8	5.2	107	4.1
682-S066	NAD83	10	5579149	664577	B	40	A16-04570		8	< 0.5	0.3	49.0	1.2	5.4	113	7.9
682-S067	NAD83	10	5579148	664587	B	30	A16-04570		< 5	< 0.5	0.2	21.8	0.6	4.7	121	3.4
682-S068	NAD83	10	5579147	664598	B	40	A16-04570		52	< 0.5	0.5	48.5	1.1	7.6	95	9.1
682-S069	NAD83	10	5579146	664608	B	70	A16-04570		12	< 0.5	0.4	70.9	0.5	4.2	57	3.1
682-S070	NAD83	10	5579146	664619	B	35	A16-04570		5	< 0.5	0.2	16.1	0.6	3.5	57	1.9
682-S071	NAD83	10	5579145	664629	B	30	A16-04570		< 5	< 0.5	0.2	31.2	0.8	4.6	81	4.7
682-S072	NAD83	10	5579144	664641	B	60	A16-04570		< 5	< 0.5	0.4	28.4	0.6	4.9	64	3.1
682-S073	NAD83	10	5579122	664572	B	20	A16-04570		8	< 0.5	0.3	61.6	1.4	5.5	74	6.5
682-S074	NAD83	10	5579121	664581	B	20	A16-04570		< 5	< 0.5	0.5	26.8	0.7	4.7	105	3.9
682-S075	NAD83	10	5579120	664590	B	20	A16-04570		5	< 0.5	0.4	40.8	1.1	4.9	90	5.4
682-S076	NAD83	10	5579120	664599	B	30	A16-04570		< 5	< 0.5	0.2	52.4	0.9	5.2	90	5.5
682-S077	NAD83	10	5579119	664608	B	35	A16-04570		5	< 0.5	0.3	46.6	0.7	4.3	75	4.6
682-S078	NAD83	10	5579119	664617	B	20	A16-04570		< 5	< 0.5	0.2	27.1	0.6	4.8	86	3.4
682-S079	NAD83	10	5579118	664626	B	20	A16-04570		9	< 0.5	0.6	22.3	0.6	6.0	92	3.0
682-S080	NAD83	10	5579117	664636	B	40	A16-04570		10	< 0.5	0.3	20.6	0.6	4.2	56	2.4
682-S081	NAD83	10	5579117	664645	B	20	A16-04570		< 5	< 0.5	0.2	19.6	0.7	4.9	60	2.8
682-S082	NAD83	10	5579098	664567	B	40	A16-04570		< 5	< 0.5	0.3	25.8	0.3	3.8	53	1.7
682-S083	NAD83	10	5579097	664577	B	40	A16-04570		< 5	< 0.5	0.3	20.3	0.5	3.7	75	2.4

Sample Number	Sb ppm 0.1 AR-MS	Ba ppm 0.5 AR-MS	Co ppm 0.1 AR-MS	Cr ppm 1 AR-MS	Ni ppm 0.1 AR-MS	Fe % 0.01 AR-MS	Mn ppm 1 AR-MS	Al % 0.01 AR-MS	Ca % 0.01 AR-MS	K % 0.01 AR-MS	Mg % 0.01 AR-MS	Na % 0.001 AR-MS	P % 0.001 AR-MS	Ti % 0.001 AR-MS	Ga ppm 1 AR-MS	La ppm 1 AR-MS	S % 1 AR-MS	Se ppm 0.5 AR-MS
682S056	0.3	150	14.8	60	39.9	3.50	521	2.73	1.18	0.11	0.97	0.030	0.032	0.154	7	9	< 1	0.6
682S057	0.3	125	18.6	87	52.3	4.33	659	2.80	1.51	0.15	1.76	0.061	0.069	0.197	8	10	< 1	0.7
682S058	0.3	159	18.7	74	42.9	4.37	584	3.03	1.55	0.19	1.63	0.042	0.048	0.190	8	10	< 1	0.9
682S059	0.2	136	13.1	47	27.5	3.06	647	2.22	0.71	0.13	0.67	0.024	0.066	0.148	6	8	< 1	< 0.5
682S060	0.2	128	10.9	48	27.6	2.87	366	2.66	1.07	0.12	0.79	0.032	0.028	0.143	6	9	< 1	0.6
682S061	0.2	129	12.5	57	30.8	3.25	315	2.21	0.75	0.09	0.86	0.024	0.051	0.170	6	5	< 1	< 0.5
682S062	0.2	122	13.8	61	29.9	3.55	327	2.36	0.85	0.12	0.88	0.030	0.050	0.208	6	6	< 1	< 0.5
682S063	0.2	136	16.0	76	47.6	3.81	490	3.27	1.32	0.12	1.34	0.031	0.044	0.179	8	15	< 1	1.0
682-S064	0.1	182	9.7	25	20.5	2.53	570	2.50	0.41	0.10	0.40	0.046	0.165	0.104	6	4	4	0.7
682-S065	0.1	153	8.2	20	15.1	2.33	851	2.09	0.45	0.07	0.36	0.042	0.182	0.091	5	4	4	0.5
682-S066	0.4	219	14.4	47	30.6	4.19	570	2.94	0.64	0.09	0.83	0.037	0.097	0.133	6	5	4	0.9
682-S067	0.1	140	8.4	19	13.1	2.15	929	1.70	0.51	0.08	0.33	0.046	0.163	0.078	4	4	4	< 0.5
682-S068	0.5	171	14.4	60	28.6	4.82	673	2.40	0.81	0.11	0.89	0.038	0.085	0.150	6	7	4	0.7
682-S069	0.2	123	9.6	37	22.7	2.97	487	2.06	1.60	0.08	0.67	0.047	0.066	0.104	5	6	4	1.2
682-S070	0.1	102	7.9	23	12.0	2.26	365	1.48	0.51	0.08	0.34	0.040	0.120	0.099	5	3	4	< 0.5
682-S071	0.2	129	10.8	30	19.6	3.05	320	2.24	0.47	0.08	0.55	0.039	0.136	0.106	6	3	4	< 0.5
682-S072	0.3	133	11.7	53	25.1	3.62	434	2.12	0.78	0.09	0.78	0.044	0.063	0.196	5	5	4	< 0.5
682-S073	0.4	151	15.0	45	27.1	4.10	1480	2.27	1.20	0.10	1.00	0.055	0.100	0.152	6	8	4	0.8
682-S074	0.1	150	10.2	24	16.8	2.66	725	2.17	0.50	0.08	0.42	0.042	0.185	0.096	5	4	4	< 0.5
682-S075	0.3	167	13.4	42	24.7	3.74	802	2.61	0.65	0.08	0.73	0.039	0.136	0.134	6	5	4	0.6
682-S076	0.2	192	13.3	36	25.9	3.79	576	2.87	0.74	0.08	0.77	0.036	0.088	0.117	6	5	4	1.3
682-S077	0.3	156	11.9	40	22.9	3.51	580	2.09	1.09	0.12	0.69	0.040	0.070	0.130	5	6	4	0.8
682-S078	0.2	169	11.5	41	23.9	3.35	529	2.52	0.68	0.11	0.63	0.048	0.102	0.150	6	5	4	0.5
682-S079	0.2	173	10.5	36	22.7	3.16	506	2.73	0.58	0.14	0.61	0.047	0.120	0.137	6	5	4	< 0.5
682-S080	0.2	107	10.9	42	20.3	3.24	460	2.00	0.69	0.10	0.67	0.041	0.044	0.170	5	5	4	< 0.5
682-S081	0.2	115	10.6	36	19.5	3.13	551	2.13	0.66	0.13	0.64	0.045	0.076	0.151	5	4	4	< 0.5
682-S082	0.1	157	8.0	29	17.8	2.66	432	2.27	1.11	0.11	0.55	0.058	0.042	0.107	5	5	4	0.5
682-S083	0.2	139	8.8	31	18.1	2.51	478	1.94	0.69	0.09	0.47	0.044	0.104	0.109	5	4	4	< 0.5

Sample Number	Sc ppm 0.1 AR-MS	Sr ppm 1 AR-MS	Th ppm 0.1 AR-MS	V ppm 2 AR-MS	Hg ppm 0.01 AR-MS	B ppm 20 AR-MS	Bi ppm 0.1 AR-MS	Cd ppm 0.1 AR-MS	Te ppm 0.2 AR-MS	Tl ppm 0.1 AR-MS	W ppm 0.1 AR-MS
682S056	8.0	54	1.4	98	0.05	< 20	< 0.1	0.2	< 0.2	< 0.1	< 0.1
682S057	11.4	86	1.6	133	0.04	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S058	11.8	90	1.5	127	0.05	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S059	6.3	35	1.1	82	0.01	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S060	8.0	51	1.3	81	0.01	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S061	5.9	45	1.3	102	< 0.01	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S062	6.3	59	1.3	120	0.02	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S063	12.3	68	1.3	116	0.02	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682-S064	3.8	28	1.0	53	0.09	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S065	3.1	29	0.9	49	0.12	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S066	6.2	46	1.1	102	0.08	< 20	0.1	0.3	< 0.2	0.1	< 0.1
682-S067	3.4	32	0.8	46	0.07	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S068	8.3	66	1.1	118	0.07	< 20	0.2	0.3	< 0.2	< 0.1	< 0.1
682-S069	5.1	71	0.4	70	0.10	< 20	0.1	0.3	< 0.2	< 0.1	< 0.1
682-S070	3.1	30	0.4	55	0.07	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682-S071	4.2	30	0.7	71	0.08	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S072	6.3	55	1.2	99	0.07	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682-S073	8.9	59	1.0	102	0.09	< 20	0.1	0.3	< 0.2	< 0.1	< 0.1
682-S074	4.1	34	0.9	59	0.08	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S075	5.9	44	1.1	91	0.07	< 20	0.1	0.2	< 0.2	< 0.1	1.6
682-S076	6.3	45	0.8	87	0.07	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S077	6.4	62	0.7	85	0.06	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S078	5.6	47	1.1	80	0.07	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S079	5.3	39	1.1	73	0.04	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S080	5.3	48	0.9	85	0.06	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682-S081	5.3	42	0.8	76	0.05	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682-S082	5.3	55	0.9	50	0.07	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S083	3.1	41	0.5	58	0.06	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1

Sample Number	Datum	Zone	Northing UTM(m)	Easting UTM(m)	Soil Horizon	Sample Depth (cm)	Report Number	Analyte Symbol-->	**Au**	**Au**	**Ag**	**Cu**	**Mo**	**Pb**	**Zn**	**As**
								Unit Symbol-->	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
								Detection Limit-->	5	0.5	0.1	0.1	0.1	0.1	1	0.5
								Analysis Method-->	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S084	NAD83	10	5579096	664587	B	30	A16-04570		11	< 0.5	0.2	28.4	0.7	3.6	54	3.1
682-S085	NAD83	10	5579096	664597	B	55	A16-04570		< 5	< 0.5	0.3	67.3	0.4	4.3	55	3.3
682-S086	NAD83	10	5579095	664607	B	20	A16-04570		6	< 0.5	0.2	40.6	0.6	4.5	82	3.6
682-S087	NAD83	10	5579094	664617	B	25	A16-04570		< 5	< 0.5	0.3	39.1	0.8	5.2	119	4.2
682-S088	NAD83	10	5579093	664627	B	25	A16-04570		< 5	< 0.5	0.2	24.1	0.5	3.7	70	2.3
682-S089	NAD83	10	5579093	664637	B	20	A16-04570		< 5	< 0.5	0.2	29.8	0.5	3.2	55	2.3
682-S090	NAD83	10	5579092	664647	B	20	A16-04570		5	< 0.5	0.2	22.8	0.5	3.3	44	2.0
682-S091	NAD83	10	5579176	664555	B	35	A16-04570		6	< 0.5	0.2	27.7	0.6	4.6	82	3.6
682-S092	NAD83	10	5579177	664565	B	40	A16-04570		12	< 0.5	0.2	59.2	0.8	4.9	55	6.5
682-S093	NAD83	10	5579177	664575	B	25	A16-04570		< 5	< 0.5	0.3	44.6	0.5	4.6	72	2.9
682-S094	NAD83	10	5579178	664585	B	40	A16-04570		< 5	< 0.5	0.3	44.7	0.6	5.1	72	2.8
682-S095	NAD83	10	5579179	664595	A/B	75	A16-04570		< 5	< 0.5	0.3	92.2	0.4	4.3	62	3.5
682-S096	NAD83	10	5579180	664605	B	35	A16-04570		9	< 0.5	0.3	73.9	0.5	5.3	78	5.0
682-S097	NAD83	10	5579180	664615	B	75	A16-04570		10	< 0.5	0.6	116.0	0.3	4.2	77	3.1
682-S098	NAD83	10	5579181	664625	B	65	A16-04570		< 5	< 0.5	0.4	100.0	0.4	4.4	66	3.1
682-S099	NAD83	10	5579182	664635	B	25	A16-04570		< 5	< 0.5	0.2	27.2	0.5	4.5	89	2.7
682-S100	NAD83	10	5579208	664639	A	110	A16-04570		< 5	< 0.5	0.4	152.0	0.4	3.3	54	2.6
682-S101	NAD83	10	5579207	664629	B	28	A16-04570		< 5	< 0.5	0.2	31.4	0.6	5.1	75	3.5
682-S102	NAD83	10	5579206	664619	B	25	A16-04570		7	< 0.5	0.6	77.2	0.5	7.1	62	5.0
682-S103	NAD83	10	5579205	664609	B	40	A16-04570		< 5	< 0.5	0.3	72.7	0.5	4.5	65	6.8
682-S104	NAD83	10	5579204	664599	B	50	A16-04570		< 5	< 0.5	0.4	115.0	0.5	5.2	74	5.4
682-S105	NAD83	10	5579204	664589	B	40	A16-04570		< 5	< 0.5	0.3	74.2	0.7	4.7	66	5.4
682-S106	NAD83	10	5579203	664579	B	40	A16-04570		< 5	< 0.5	0.2	53.1	0.5	4.9	63	4.7
682-S107	NAD83	10	5579202	664569	B	35	A16-04570		< 5	< 0.5	0.3	70.7	0.6	5.8	83	4.9
682-S108	NAD83	10	5579201	664559	B	25	A16-04570		< 5	< 0.5	0.3	24.6	0.7	4.9	84	3.8
682-S109	NAD83	10	5579225	664559	B	35	A16-04570		< 5	< 0.5	0.3	23.9	0.8	5.2	103	3.5
682-S110	NAD83	10	5579225	664569	B	30	A16-04570		< 5	< 0.5	0.4	19.8	1.0	5.3	82	4.1
682-S111	NAD83	10	5579226	664579	B	40	A16-04570		< 5	< 0.5	0.2	20.3	0.7	4.8	81	3.3
682-S112	NAD83	10	5579227	664589	B	35	A16-04570		< 5	< 0.5	0.2	31.7	0.5	5.4	61	2.9

Sample Number	Sb ppm 0.1 AR-MS	Ba ppm 0.5 AR-MS	Co ppm 0.1 AR-MS	Cr ppm 1 AR-MS	Ni ppm 0.1 AR-MS	Fe % 0.01 AR-MS	Mn ppm 1 AR-MS	Al % 0.01 AR-MS	Ca % 0.01 AR-MS	K % 0.01 AR-MS	Mg % 0.01 AR-MS	Na % 0.001 AR-MS	P % 0.001 AR-MS	Ti % 0.001 AR-MS	Ga ppm 1 AR-MS	La ppm 1 AR-MS	S % 1 AR-MS	Se ppm 0.5 AR-MS
682-S084	0.3	108	12.5	45	22.7	3.58	487	2.00	0.88	0.08	0.73	0.045	0.053	0.188	5	6	4	0.5
682-S085	0.2	114	9.2	46	22.8	3.23	479	2.07	1.67	0.08	0.73	0.048	0.082	0.108	5	6	4	1.2
682-S086	0.2	141	11.3	30	18.1	2.82	869	1.84	0.81	0.08	0.50	0.034	0.128	0.100	4	5	4	0.6
682-S087	0.3	172	12.1	37	23.0	3.29	668	2.66	0.60	0.10	0.62	0.041	0.157	0.136	6	5	4	0.7
682-S088	0.2	138	11.8	50	23.5	3.56	534	2.31	0.77	0.18	0.72	0.046	0.077	0.191	6	5	4	< 0.5
682-S089	0.2	103	12.0	62	25.6	3.70	462	1.90	0.93	0.13	0.79	0.044	0.059	0.219	5	9	4	0.5
682-S090	0.3	91	11.2	60	23.5	3.61	409	1.91	0.86	0.12	0.73	0.045	0.050	0.226	6	6	4	< 0.5
682-S091	0.2	155	10.0	42	20.1	3.33	469	2.36	0.54	0.08	0.53	0.040	0.109	0.143	6	4	4	< 0.5
682-S092	0.5	151	14.4	58	28.8	4.41	654	2.33	1.14	0.09	0.98	0.044	0.078	0.205	6	9	4	0.6
682-S093	0.2	135	7.5	22	15.2	2.16	434	2.18	0.81	0.05	0.36	0.048	0.057	0.097	5	6	4	0.5
682-S094	0.3	139	9.2	27	17.2	2.55	655	2.23	0.80	0.10	0.47	0.040	0.079	0.105	5	6	4	0.7
682-S095	0.2	135	10.1	44	26.8	3.26	609	2.44	1.65	0.10	0.83	0.055	0.086	0.107	5	6	5	1.7
682-S096	0.2	160	13.7	47	28.2	3.67	924	2.63	1.49	0.10	0.88	0.053	0.069	0.115	6	7	5	1.1
682-S097	0.2	147	7.9	37	24.1	2.66	328	2.33	1.54	0.08	0.74	0.056	0.097	0.099	5	8	5	1.3
682-S098	0.2	137	8.1	41	24.7	2.91	301	2.70	1.36	0.10	0.67	0.069	0.052	0.131	6	9	5	1.2
682-S099	0.2	95	11.4	62	23.0	3.47	502	2.21	0.89	0.08	0.69	0.043	0.095	0.196	6	5	5	< 0.5
682-S100	0.4	93	5.6	40	15.7	1.73	458	1.60	2.08	0.05	0.43	0.054	0.138	0.048	4	6	5	1.9
682-S101	0.3	124	10.4	41	22.3	3.45	346	2.30	1.06	0.08	0.69	0.046	0.041	0.163	6	5	5	0.7
682-S102	0.3	113	10.9	40	22.9	3.20	651	1.89	1.52	0.08	0.82	0.048	0.091	0.108	5	7	5	0.9
682-S103	0.3	130	11.3	54	26.5	3.94	506	2.32	1.25	0.12	0.82	0.052	0.059	0.153	6	9	5	1.0
682-S104	0.3	157	11.0	49	28.4	3.70	589	2.77	1.29	0.10	0.83	0.059	0.061	0.145	6	11	5	1.2
682-S105	0.3	152	11.0	42	21.7	3.44	883	2.49	1.17	0.08	0.75	0.058	0.054	0.136	6	8	5	0.6
682-S106	0.2	160	10.5	35	20.6	3.37	424	2.97	0.98	0.07	0.61	0.055	0.033	0.131	7	10	4	1.0
682-S107	0.2	229	10.0	33	22.9	3.08	391	3.39	0.81	0.07	0.55	0.066	0.044	0.133	7	12	5	0.9
682-S108	0.1	114	9.0	24	15.7	2.61	562	2.53	0.40	0.05	0.35	0.045	0.134	0.108	6	4	4	< 0.5
682-S109	0.2	147	11.1	34	20.3	3.25	492	2.75	0.47	0.08	0.55	0.038	0.085	0.135	7	4	4	< 0.5
682-S110	0.3	105	9.4	26	16.2	2.86	471	2.34	0.52	0.07	0.40	0.038	0.106	0.114	6	3	5	< 0.5
682-S111	0.2	142	9.4	29	16.9	2.72	426	2.48	0.60	0.07	0.43	0.044	0.073	0.135	6	5	4	< 0.5
682-S112	0.2	147	9.1	34	17.8	3.03	448	2.63	0.97	0.08	0.60	0.055	0.028	0.137	6	7	4	0.6

Sample Number	Sc ppm 0.1 AR-MS	Sr ppm 1 AR-MS	Th ppm 0.1 AR-MS	V ppm 2 AR-MS	Hg ppm 0.01 AR-MS	B ppm 20 AR-MS	Bi ppm 0.1 AR-MS	Cd ppm 0.1 AR-MS	Te ppm 0.2 AR-MS	Tl ppm 0.1 AR-MS	W ppm 0.1 AR-MS
682-S084	6.5	59	0.9	98	0.06	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682-S085	5.1	68	0.4	78	0.09	< 20	< 0.1	0.3	< 0.2	< 0.1	< 0.1
682-S086	4.4	49	0.6	66	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S087	5.4	41	1.0	78	0.07	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S088	6.8	49	1.2	92	0.06	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682-S089	7.7	59	1.2	106	0.07	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682-S090	7.0	57	1.2	106	0.07	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682-S091	4.7	31	1.1	84	0.07	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S092	10.9	65	1.6	122	0.09	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S093	3.8	40	0.7	48	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S094	4.2	44	0.6	58	0.08	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S095	5.6	69	0.4	73	0.12	< 20	0.1	0.4	< 0.2	< 0.1	< 0.1
682-S096	6.6	66	0.6	81	0.07	< 20	0.1	0.4	< 0.2	< 0.1	< 0.1
682-S097	4.8	69	0.5	59	0.11	< 20	0.1	0.4	< 0.2	< 0.1	< 0.1
682-S098	6.5	59	1.0	66	0.14	< 20	0.1	0.3	< 0.2	< 0.1	< 0.1
682-S099	6.3	47	0.9	101	0.08	< 20	0.2	0.1	< 0.2	< 0.1	< 0.1
682-S100	1.7	69	0.2	42	0.20	< 20	< 0.1	0.3	< 0.2	< 0.1	< 0.1
682-S101	5.6	55	0.8	90	0.08	< 20	0.1	0.4	< 0.2	< 0.1	< 0.1
682-S102	4.8	66	0.4	79	0.08	< 20	0.2	0.4	< 0.2	< 0.1	< 0.1
682-S103	7.8	62	1.0	107	0.11	< 20	0.1	0.3	< 0.2	< 0.1	< 0.1
682-S104	7.9	63	1.0	90	0.13	< 20	0.1	0.3	< 0.2	< 0.1	< 0.1
682-S105	7.9	62	1.0	86	0.12	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S106	7.9	49	1.4	77	0.10	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S107	8.2	49	2.0	66	0.15	< 20	0.2	0.2	< 0.2	< 0.1	< 0.1
682-S108	3.9	23	1.2	60	0.11	< 20	0.1	< 0.1	< 0.2	< 0.1	0.2
682-S109	4.2	30	0.9	81	0.08	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S110	3.2	28	0.6	71	0.06	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S111	4.1	34	1.0	67	0.06	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S112	5.6	49	1.2	68	0.08	< 20	0.2	0.2	< 0.2	< 0.1	< 0.1

Sample Number	Datum	Zone	Northing UTM(m)	Easting UTM(m)	Soil Horizon	Sample Depth (cm)	Report Number	Analyte Symbol-->	**Au**	**Au**	**Ag**	**Cu**	**Mo**	**Pb**	**Zn**	**As**
								Unit Symbol-->	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
								Detection Limit-->	5	0.5	0.1	0.1	0.1	0.1	1	0.5
								Analysis Method-->	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S113	NAD83	10	5579228	664599	B	45	A16-04570		< 5	< 0.5	0.4	53.6	0.4	4.2	46	3.1
682-S114	NAD83	10	5579229	664609	A/B	55	A16-04570		< 5	< 0.5	0.4	128.0	0.3	4.2	55	3.1
682-S115	NAD83	10	5579230	664619	B	45	A16-04570		< 5	< 0.5	0.3	71.0	0.5	6.2	57	6.0
682-S116	NAD83	10	5579234	664658	B	30	A16-04570		< 5	< 0.5	0.5	64.4	0.7	6.0	86	4.3
682-S117	NAD83	10	5579261	664561	B	25	A16-04570		10	< 0.5	0.3	22.2	0.8	6.4	128	4.6
682-S118	NAD83	10	5579261	664571	B	25	A16-04570		7	< 0.5	0.3	21.6	0.8	5.5	129	4.8
682-S119	NAD83	10	5579261	664582	B	30	A16-04570		< 5	< 0.5	0.3	23.6	1.0	5.7	126	4.6
682-S120	NAD83	10	5579261	664591	B	30	A16-04570		< 5	13.8	0.3	26.9	0.7	5.0	99	4.4
682-S121	NAD83	10	5579261	664601	B	35	A16-04570		< 5	< 0.5	0.4	40.8	0.6	5.5	96	3.9
682-S122	NAD83	10	5579261	664609	B	20	A16-04570		10	< 0.5	0.3	36.8	0.6	5.0	98	4.3
682-S123	NAD83	10	5579261	664621	B	40	A16-04570		< 5	< 0.5	0.4	54.9	0.5	5.1	71	3.9
682-S124	NAD83	10	5579261	664631	A/B	40	A16-04570		18	< 0.5	0.4	48.6	0.5	4.9	78	5.1
682-S125	NAD83	10	5579261	664641	A/B	40	A16-04570		36	< 0.5	0.9	77.1	0.3	4.0	61	3.1
682-S126	NAD83	10	5579262	664661	B	35	A16-04570		8	< 0.5	0.5	70.7	0.7	6.2	100	5.7
682-S127	NAD83	10	5579262	664671	B	25	A16-04570		< 5	< 0.5	0.3	24.3	0.8	6.2	139	3.8
682-S128	NAD83	10	5579262	664682	B	25	A16-04570		< 5	< 0.5	0.4	23.4	0.7	6.0	125	4.0
682-S129	NAD83	10	5579286	664661	B	25	A16-04570		< 5	< 0.5	0.5	21.4	0.7	6.0	108	4.1
682-S130	NAD83	10	5579286	664651	A/B	40	A16-04570		10	< 0.5	0.4	117.0	0.3	4.6	71	3.1
682-S131	NAD83	10	5579285	664641	B	45	A16-04570		< 5	< 0.5	0.3	49.4	0.3	5.9	102	3.0
682-S132	NAD83	10	5579285	664631	A/B	50	A16-04570		< 5	< 0.5	0.4	74.4	0.5	5.1	82	4.2
682-S133	NAD83	10	5579284	664611	B	35	A16-04570		10	< 0.5	0.3	35.5	0.4	4.6	86	3.7
682-S134	NAD83	10	5579284	664601	B	30	A16-04570		8	< 0.5	0.3	25.4	0.5	5.1	96	3.8
682-S135	NAD83	10	5579283	664591	B	25	A16-04570		< 5	< 0.5	0.3	27.0	0.9	5.3	131	5.6
682-S136	NAD83	10	5579283	664581	B	25	A16-04570		14	< 0.5	0.5	23.5	0.7	5.3	130	4.6
682-S137	NAD83	10	5579282	664571	B	25	A16-04570		21	< 0.5	0.3	25.2	0.8	5.0	108	4.4
682-S138	NAD83	10	5579282	664561	B	30	A16-04570		< 5	< 0.5	1.9	26.0	0.9	5.1	111	4.0
682-S139	NAD83	10	5579334	664563	B	35	A16-04570		< 5	< 0.5	0.3	48.0	0.5	3.9	43	2.2
682-S140	NAD83	10	5579334	664571	B	20	A16-04570		< 5	< 0.5	0.2	21.5	0.6	4.1	53	1.9
682-S141	NAD83	10	5579311	664563	B	25	A16-04570		< 5	< 0.5	0.4	20.8	0.5	4.6	90	2.5

Sample Number	Sb ppm 0.1 AR-MS	Ba ppm 0.5 AR-MS	Co ppm 0.1 AR-MS	Cr ppm 1 AR-MS	Ni ppm 0.1 AR-MS	Fe % 0.01 AR-MS	Mn ppm 1 AR-MS	Al % 0.01 AR-MS	Ca % 0.01 AR-MS	K % 0.01 AR-MS	Mg % 0.01 AR-MS	Na % 0.001 AR-MS	P % 0.001 AR-MS	Ti % 0.001 AR-MS	Ga ppm 1 AR-MS	La ppm 1 AR-MS	S % 1 AR-MS	Se ppm 0.5 AR-MS
682-S113	0.2	129	10.1	41	20.3	3.48	434	2.58	1.09	0.09	0.73	0.053	0.032	0.167	6	7	4	< 0.5
682-S114	0.2	128	8.1	33	23.7	2.58	497	2.11	1.26	0.08	0.65	0.052	0.064	0.085	4	8	4	0.8
682-S115	0.3	132	9.2	35	20.7	3.05	451	2.27	1.36	0.09	0.64	0.047	0.053	0.100	5	8	4	1.1
682-S116	0.4	125	10.3	40	20.0	2.90	788	1.93	1.17	0.09	0.70	0.039	0.085	0.106	5	7	5	1.0
682-S117	0.2	151	10.3	28	17.9	2.85	780	2.57	0.47	0.08	0.50	0.038	0.127	0.120	6	4	4	< 0.5
682-S118	0.2	151	10.4	28	17.3	2.85	630	2.60	0.47	0.08	0.48	0.039	0.116	0.125	6	4	4	< 0.5
682-S119	0.2	140	11.7	32	18.7	3.05	696	2.70	0.41	0.08	0.49	0.038	0.136	0.126	7	5	5	< 0.5
682-S120	0.3	149	11.8	42	20.9	3.33	497	2.51	0.61	0.11	0.65	0.037	0.096	0.155	6	5	4	< 0.5
682-S121	0.2	177	12.0	37	21.5	3.20	589	2.69	0.88	0.11	0.61	0.053	0.060	0.141	6	8	4	0.7
682-S122	0.2	138	11.5	31	19.7	3.10	461	2.66	0.69	0.08	0.58	0.044	0.050	0.113	7	5	4	0.6
682-S123	0.2	137	8.9	31	20.0	2.80	396	2.16	1.62	0.09	0.61	0.047	0.051	0.097	5	7	4	1.1
682-S124	0.2	144	9.0	34	19.0	3.07	430	2.46	1.20	0.09	0.66	0.051	0.046	0.100	5	5	4	1.1
682-S125	0.2	116	5.1	25	15.8	2.01	157	1.75	1.31	0.06	0.41	0.042	0.048	0.064	3	7	4	1.6
682-S126	0.3	143	11.2	40	21.5	3.23	367	2.65	1.02	0.08	0.63	0.046	0.037	0.104	6	10	4	0.7
682-S127	0.2	157	9.9	33	19.6	2.98	502	2.67	0.57	0.09	0.58	0.042	0.074	0.124	6	4	5	< 0.5
682-S128	0.2	166	10.4	31	18.2	2.87	812	2.41	0.62	0.09	0.56	0.038	0.125	0.117	6	5	4	< 0.5
682-S129	0.2	142	8.3	23	13.8	2.44	555	1.78	0.68	0.08	0.44	0.032	0.123	0.081	5	4	4	< 0.5
682-S130	0.2	127	7.6	37	22.2	2.61	236	2.53	1.20	0.07	0.63	0.055	0.051	0.114	6	10	4	1.2
682-S131	0.2	232	9.3	46	29.8	3.24	290	3.02	1.04	0.12	0.78	0.056	0.057	0.160	6	9	4	1.0
682-S132	0.3	155	9.6	48	26.0	3.42	386	2.57	1.30	0.10	0.80	0.048	0.062	0.137	6	9	4	0.9
682-S133	0.2	139	8.3	26	18.2	2.46	362	2.30	0.97	0.07	0.53	0.047	0.046	0.108	5	7	4	0.8
682-S134	0.2	172	8.8	25	16.5	2.46	425	2.22	0.74	0.06	0.45	0.038	0.085	0.101	5	6	4	< 0.5
682-S135	0.1	150	11.5	29	19.3	2.94	562	2.70	0.49	0.08	0.50	0.042	0.112	0.114	6	6	4	< 0.5
682-S136	0.1	133	10.5	26	17.8	2.65	614	2.53	0.38	0.06	0.46	0.038	0.141	0.099	6	4	4	< 0.5
682-S137	0.2	167	10.9	33	20.4	3.02	406	2.75	0.52	0.09	0.61	0.034	0.059	0.130	7	4	4	< 0.5
682-S138	0.2	163	11.2	32	21.9	3.22	353	3.07	0.57	0.09	0.65	0.036	0.049	0.123	7	4	4	0.5
682-S139	0.3	90	8.8	38	18.5	2.80	314	1.75	1.21	0.08	0.63	0.038	0.026	0.130	4	6	4	1.0
682-S140	0.2	104	11.1	45	19.1	3.26	558	1.92	0.87	0.10	0.71	0.039	0.052	0.191	5	5	4	< 0.5
682-S141	0.2	136	10.0	37	19.3	2.97	427	2.42	0.64	0.10	0.61	0.038	0.077	0.165	6	4	5	0.6

Sample Number	Sc ppm 0.1 AR-MS	Sr ppm 1 AR-MS	Th ppm 0.1 AR-MS	V ppm 2 AR-MS	Hg ppm 0.01 AR-MS	B ppm 20 AR-MS	Bi ppm 0.1 AR-MS	Cd ppm 0.1 AR-MS	Te ppm 0.2 AR-MS	Tl ppm 0.1 AR-MS	W ppm 0.1 AR-MS
682-S113	7.5	58	1.1	88	0.09	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682-S114	5.0	59	0.5	56	0.11	< 20	0.1	0.3	< 0.2	< 0.1	< 0.1
682-S115	5.9	66	0.7	69	0.09	< 20	0.1	0.6	< 0.2	< 0.1	< 0.1
682-S116	5.0	51	0.6	73	0.11	< 20	0.1	0.3	< 0.2	< 0.1	< 0.1
682-S117	4.1	33	0.9	69	0.06	< 20	0.2	0.2	< 0.2	< 0.1	< 0.1
682-S118	4.1	32	0.9	70	0.09	< 20	0.2	0.2	< 0.2	< 0.1	< 0.1
682-S119	4.4	31	0.9	75	0.08	< 20	0.2	0.2	< 0.2	< 0.1	< 0.1
682-S120	5.3	43	1.1	88	0.05	< 20	0.2	0.2	< 0.2	< 0.1	< 0.1
682-S121	6.3	61	1.3	74	0.08	< 20	0.2	0.3	< 0.2	< 0.1	< 0.1
682-S122	5.1	47	0.8	75	0.07	< 20	0.2	0.2	< 0.2	< 0.1	< 0.1
682-S123	5.0	74	0.7	61	0.07	< 20	0.2	0.7	< 0.2	< 0.1	< 0.1
682-S124	5.0	64	0.7	67	0.08	< 20	0.3	0.4	< 0.2	< 0.1	< 0.1
682-S125	3.1	58	0.4	41	0.08	< 20	0.2	0.6	< 0.2	< 0.1	< 0.1
682-S126	6.1	48	1.0	69	0.13	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S127	4.4	34	1.0	73	0.06	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S128	4.8	36	0.9	73	< 0.01	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S129	3.0	41	0.6	56	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S130	5.9	59	0.9	62	0.10	< 20	0.1	0.3	< 0.2	< 0.1	< 0.1
682-S131	7.9	67	1.6	80	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S132	7.5	67	1.0	88	0.10	< 20	0.2	0.3	< 0.2	< 0.1	< 0.1
682-S133	4.6	54	0.9	58	0.10	< 20	0.2	0.2	< 0.2	< 0.1	< 0.1
682-S134	3.7	50	1.3	58	0.10	< 20	0.3	0.2	< 0.2	< 0.1	< 0.1
682-S135	4.6	36	1.0	69	< 0.01	< 20	0.3	0.2	< 0.2	< 0.1	< 0.1
682-S136	3.7	29	0.9	58	0.10	< 20	0.3	0.2	< 0.2	< 0.1	< 0.1
682-S137	4.3	41	0.8	79	0.10	< 20	0.3	0.2	< 0.2	< 0.1	< 0.1
682-S138	4.4	39	0.7	82	0.10	< 20	0.4	0.1	< 0.2	< 0.1	< 0.1
682-S139	5.1	54	0.6	79	0.10	< 20	< 0.1	0.2	< 0.2	< 0.1	< 0.1
682-S140	6.4	52	0.9	98	< 0.01	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682-S141	5.0	43	0.9	82	0.10	< 20	6.2	0.2	1.8	< 0.1	< 0.1

Sample Number	Datum	Zone	Northing UTM(m)	Easting UTM(m)	Soil Horizon	Sample Depth (cm)	Report Number	Analyte Symbol-->	**Au**	**Au**	**Ag**	**Cu**	**Mo**	**Pb**	**Zn**	**As**
								Unit Symbol-->	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
								Detection Limit-->	5	0.5	0.1	0.1	0.1	0.1	1	0.5
								Analysis Method-->	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S142	NAD83	10	5579311	664573	B	25	A16-04570		< 5	< 0.5	0.2	16.3	0.7	5.0	71	2.5
682-S143	NAD83	10	5579311	664583	B	35	A16-04570		< 5	< 0.5	0.2	24.6	0.7	6.0	95	4.2
682-S144	NAD83	10	5579311	664592	B	25	A16-04570		< 5	< 0.5	0.2	17.6	0.5	5.7	81	2.7
682-S145	NAD83	10	5579311	664602	B	40	A16-04570		< 5	< 0.5	0.3	26.3	0.3	4.0	56	2.8
682-S146	NAD83	10	5579311	664612	B	40	A16-04570		< 5	< 0.5	0.6	140.0	0.4	5.0	78	3.9
682-S147	NAD83	10	5579311	664622	B	60	A16-04570		< 5	< 0.5	0.5	146.0	0.3	5.1	74	3.6
682-S148	NAD83	10	5579311	664632	B	55	A16-04570		< 5	< 0.5	0.4	100.0	0.4	5.7	71	3.9
682-S149	NAD83	10	5579311	664642	B	40	A16-04570		< 5	< 0.5	0.5	38.8	0.7	6.9	120	4.1
682-S150	NAD83	10	5579311	664652	B	35	A16-04570		8	< 0.5	0.6	25.5	0.8	6.6	146	5.2
682-S151	NAD83	10	5579311	664662	B	40	A16-04570		< 5	< 0.5	0.9	42.3	0.7	7.3	148	3.9
682-S152	NAD83	10	5579311	664672	B	20	A16-04570		5	< 0.5	0.4	29.3	0.8	6.4	129	3.9
682-S156	NAD83	10	5579334	664580	B	25	A16-04570		< 5	< 0.5	0.3	20.3	0.6	5.9	101	3.2
682-S157	NAD83	10	5579334	664590	B	25	A16-04570		< 5	< 0.5	0.3	16.6	1.0	6.5	127	3.1
682-S158	NAD83	10	5579334	664600	B	40	A16-04570		< 5	< 0.5	0.3	28.6	1.3	7.9	99	6.8
682-S159	NAD83	10	5579334	664609	B	45	A16-04570		< 5	< 0.5	0.4	42.3	0.6	7.0	142	5.0
682-S160	NAD83	10	5579334	664619	B	30	A16-04570		6	< 0.5	0.3	23.0	0.7	7.2	134	4.5
682-S161	NAD83	10	5579334	664629	B	100	A16-04570		6	< 0.5	0.3	47.0	0.7	7.2	150	7.6
682-S162	NAD83	10	5579335	664639	B	60	A16-04570		< 5	< 0.5	0.2	61.8	1.2	9.0	84	10.0
682-S163	NAD83	10	5579335	664648	B	45	A16-04570		< 5	< 0.5	0.5	25.6	0.7	6.4	116	3.7
682-S164	NAD83	10	5579335	664658	B	20	A16-04570		< 5	< 0.5	0.5	19.3	0.7	5.8	149	3.3
682-S165	NAD83	10	5579335	664668	B	20	A16-04570		5	< 0.5	0.4	32.9	0.6	6.9	152	3.7
682-S166	NAD83	10	5579335	664678	B	20	A16-04570		< 5	< 0.5	0.5	52.6	0.5	5.8	109	4.0
682-S167	NAD83	10	5579335	664687	B	25	A16-04570		< 5	< 0.5	0.2	25.7	0.5	3.5	47	2.0
682-S168	NAD83	10	5579335	664697	B	50	A16-04570		5	< 0.5	0.2	31.8	0.5	3.6	43	2.5

Sample Number	Sb ppm 0.1 AR-MS	Ba ppm 0.5 AR-MS	Co ppm 0.1 AR-MS	Cr ppm 1 AR-MS	Ni ppm 0.1 AR-MS	Fe % 0.01 AR-MS	Mn ppm 1 AR-MS	Al % 0.01 AR-MS	Ca % 0.01 AR-MS	K % 0.01 AR-MS	Mg % 0.01 AR-MS	Na % 0.001 AR-MS	P % 0.001 AR-MS	Ti % 0.001 AR-MS	Ga ppm 1 AR-MS	La ppm 1 AR-MS	S % 1 AR-MS	Se ppm 0.5 AR-MS
682-S142	0.2	108	9.9	33	17.0	2.72	336	2.39	0.57	0.07	0.51	0.039	0.034	0.154	6	4	4	< 0.5
682-S143	0.2	192	10.8	39	21.7	3.27	347	2.86	0.85	0.08	0.69	0.045	0.035	0.127	6	7	5	1.0
682-S144	0.1	136	8.7	24	15.6	2.42	312	2.65	0.84	0.06	0.41	0.057	0.031	0.101	6	5	4	0.8
682-S145	0.1	93	4.4	16	9.9	1.53	146	1.76	0.79	0.04	0.29	0.046	0.027	0.065	4	4	4	0.9
682-S146	0.2	112	6.7	31	22.0	2.21	382	2.25	1.53	0.08	0.55	0.061	0.093	0.081	4	8	5	1.9
682-S147	0.2	147	8.8	35	27.6	2.64	468	2.30	1.42	0.08	0.75	0.049	0.092	0.076	4	10	4	1.6
682-S148	0.2	154	12.1	40	27.3	3.25	787	2.63	1.29	0.10	0.79	0.053	0.055	0.122	6	9	4	1.0
682-S149	0.2	150	10.9	31	20.4	3.01	540	2.58	0.80	0.15	0.57	0.043	0.095	0.098	6	9	4	1.1
682-S150	0.2	176	10.1	27	17.7	2.88	573	2.64	0.58	0.10	0.60	0.038	0.144	0.109	5	6	4	0.9
682-S151	0.2	167	9.6	29	20.8	2.72	591	2.90	0.75	0.08	0.54	0.047	0.059	0.116	6	9	4	0.8
682-S152	0.3	166	13.0	49	32.2	3.70	430	2.89	0.72	0.09	0.88	0.043	0.083	0.162	7	6	4	0.8
682-S156	0.2	120	9.6	31	18.0	2.89	466	2.38	0.58	0.09	0.58	0.038	0.105	0.119	6	4	4	0.6
682-S157	0.1	125	9.4	23	15.1	2.57	475	2.43	0.47	0.07	0.44	0.038	0.100	0.097	7	4	4	0.7
682-S158	0.3	117	10.6	34	19.4	3.38	383	2.57	0.60	0.10	0.73	0.032	0.058	0.093	6	5	4	0.9
682-S159	0.2	146	9.1	25	18.0	2.63	477	2.55	0.88	0.08	0.49	0.056	0.053	0.106	5	11	4	1.4
682-S160	0.2	137	9.3	26	16.3	2.74	445	2.49	0.55	0.07	0.51	0.041	0.123	0.106	6	6	4	0.9
682-S161	0.3	153	12.8	48	25.8	3.85	828	2.62	1.10	0.11	0.87	0.055	0.061	0.164	6	8	4	1.5
682-S162	0.4	193	19.5	63	34.1	4.85	1540	3.35	1.48	0.15	1.29	0.048	0.088	0.149	7	8	5	1.8
682-S163	0.2	144	10.4	34	18.4	2.99	545	2.27	0.84	0.14	0.61	0.038	0.108	0.119	6	5	5	0.9
682-S164	< 0.1	127	8.6	24	14.2	2.34	663	2.03	0.55	0.08	0.41	0.037	0.208	0.081	5	4	4	0.8
682-S165	0.2	191	10.8	37	23.6	3.15	654	3.01	0.71	0.10	0.65	0.055	0.059	0.142	7	6	4	1.0
682-S166	0.3	177	12.8	49	30.1	3.63	609	2.97	0.94	0.13	0.85	0.053	0.057	0.173	7	10	4	0.7
682-S167	0.2	96	12.3	57	24.3	3.51	494	1.92	0.97	0.13	0.78	0.043	0.057	0.213	5	6	4	0.9
682-S168	0.2	107	12.4	55	25.2	3.43	502	1.97	0.93	0.12	0.75	0.042	0.045	0.201	5	7	4	1.1

Sample Number	Sc ppm 0.1 AR-MS	Sr ppm 1 AR-MS	Th ppm 0.1 AR-MS	V ppm 2 AR-MS	Hg ppm 0.01 AR-MS	B ppm 20 AR-MS	Bi ppm 0.1 AR-MS	Cd ppm 0.1 AR-MS	Te ppm 0.2 AR-MS	Tl ppm 0.1 AR-MS	W ppm 0.1 AR-MS
682-S142	4.4	36	0.7	76	0.10	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S143	6.4	51	1.3	78	0.10	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S144	4.0	45	1.0	54	0.10	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S145	2.5	37	0.5	33	0.10	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682-S146	4.6	65	0.6	49	0.10	< 20	0.1	0.8	< 0.2	< 0.1	< 0.1
682-S147	4.0	65	0.4	54	0.10	< 20	0.1	0.5	< 0.2	< 0.1	< 0.1
682-S148	6.8	65	0.8	74	0.10	< 20	0.1	0.4	< 0.2	< 0.1	< 0.1
682-S149	5.3	48	0.8	67	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S150	4.6	35	0.8	64	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S151	5.3	43	0.9	60	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S152	6.0	51	1.3	90	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S156	4.3	32	0.7	71	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S157	3.6	28	0.7	58	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S158	5.2	34	0.7	79	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S159	6.0	48	1.3	58	0.10	< 20	0.1	0.3	< 0.2	< 0.1	< 0.1
682-S160	4.7	37	1.2	61	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S161	7.9	66	1.2	100	0.10	< 20	0.1	0.3	< 0.2	< 0.1	< 0.1
682-S162	11.4	73	1.0	116	0.10	< 20	0.1	0.3	< 0.2	0.1	< 0.1
682-S163	4.8	47	0.7	70	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S164	3.0	30	0.5	50	0.10	< 20	0.1	0.3	< 0.2	< 0.1	< 0.1
682-S165	5.9	43	1.2	74	< 0.01	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S166	8.6	54	1.6	91	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S167	7.3	61	1.3	104	< 0.01	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682-S168	7.2	59	1.2	101	< 0.01	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1

Discovery Consultants
W.R. Gilmour, PGeo
September 15, 2016

Sample Number		Report Number	Analyte Symbol-->	**Au**	**Au**	**Ag**	**Cu**	**Mo**	**Pb**	**Zn**	**As**	**Sb**
			Unit Symbol-->	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
			Detection Limit-->	5	0.5	0.1	0.1	0.1	0.1	1	0.5	0.1
			Analysis Method-->	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682S013 Orig	**Lab Duplicates**	A15-04822			< 0.5	0.3	39.4	0.9	7.1	126	6.1	0.2
682S013 Dup	**Lab Duplicates**	A15-04822			< 0.5	0.4	38.8	0.9	6.8	125	6.2	0.3
682S027 Orig	**Lab Duplicates**	A15-04822			2.7	0.2	31.5	0.6	3.9	64	3.0	0.2
682S027 Dup	**Lab Duplicates**	A15-04822			< 0.5	0.2	31.2	0.6	3.8	65	3.2	0.2
682S040 Orig	**Lab Duplicates**	A15-04822			5.8	0.2	26.6	0.5	3.4	48	2.5	0.2
682S040 Dup	**Lab Duplicates**	A15-04822			< 0.5	0.1	26.2	0.5	3.1	48	2.4	0.2
682S054 Orig	**Lab Duplicates**	A15-04822			< 0.5	0.1	25.7	0.6	4.3	53	2.0	0.2
682S054 Dup	**Lab Duplicates**	A15-04822			< 0.5	0.1	26.0	0.6	4.2	53	2.1	0.2
682-S076 Orig	**Lab Duplicates**	A16-04570			< 0.5	0.3	53.2	0.9	5.0	92	5.4	0.2
682-S076 Dup	**Lab Duplicates**	A16-04570			< 0.5	0.2	51.5	0.9	5.3	87	5.5	0.2
682-S090 Orig	**Lab Duplicates**	A16-04570			< 0.5	0.2	22.5	0.5	3.2	43	1.9	0.3
682-S090 Dup	**Lab Duplicates**	A16-04570			< 0.5	0.1	23.0	0.5	3.4	44	2.1	0.3
682-S103 Orig	**Lab Duplicates**	A16-04570			< 0.5	0.3	75.1	0.5	4.5	66	7.0	0.3
682-S103 Dup	**Lab Duplicates**	A16-04570			< 0.5	0.3	70.4	0.5	4.4	64	6.5	0.3
682-S117 Orig	**Lab Duplicates**	A16-04570			< 0.5	0.3	21.6	0.8	6.4	126	4.7	0.2
682-S117 Dup	**Lab Duplicates**	A16-04570			< 0.5	0.4	22.7	0.8	6.4	130	4.5	0.2
682-S140 Orig	**Lab Duplicates**	A16-04570			< 0.5	0.2	22.0	0.6	4.1	54	1.9	0.2
682-S140 Dup	**Lab Duplicates**	A16-04570			< 0.5	0.2	21.0	0.5	4.1	52	2.0	0.2
682-S157 Orig	**Lab Duplicates**	A16-04570			< 0.5	0.3	16.3	1.0	6.3	124	3.1	0.1
682-S157 Dup	**Lab Duplicates**	A16-04570			< 0.5	0.3	16.9	1.0	6.7	131	3.1	0.2
682-S071 Orig	**Lab Duplicates**	A16-04570		< 5								
682-S071 Dup	**Lab Duplicates**	A16-04570		< 5								
682-S078 Orig	**Lab Duplicates**	A16-04570		< 5								
682-S078 Dup	**Lab Duplicates**	A16-04570		7								
682-S093 Orig	**Lab Duplicates**	A16-04570		< 5								

Sample Number	Ba ppm 0.5 AR-MS	Co ppm 0.1 AR-MS	Cr ppm 1 AR-MS	Ni ppm 0.1 AR-MS	Fe % 0.01 AR-MS	Mn ppm 1 AR-MS	Al % 0.01 AR-MS	Ca % 0.01 AR-MS	K % 0.01 AR-MS	Mg % 0.01 AR-MS	Na % 0.001 AR-MS	P % 0.001 AR-MS	Ti % 0.001 AR-MS	Ga ppm 1 AR-MS	La ppm 1 AR-MS	S % 1 AR-MS	Se ppm 0.5 AR-MS
682S013 Orig	147	13.8	40	30.7	3.43	426	3.02	0.61	0.09	0.75	0.028	0.077	0.125	8	6	< 1	0.7
682S013 Dup	143	13.8	40	30.7	3.40	422	2.92	0.59	0.09	0.72	0.028	0.075	0.122	7	6	< 1	< 0.5
682S027 Orig	77	15.3	51	25.1	3.48	471	1.96	0.79	0.06	0.86	0.016	0.044	0.150	6	5	< 1	0.5
682S027 Dup	77	15.2	53	25.7	3.54	467	2.06	0.88	0.07	0.85	0.018	0.046	0.170	6	5	< 1	< 0.5
682S040 Orig	94	15.6	69	32.2	3.87	390	2.22	1.22	0.11	1.07	0.030	0.064	0.227	6	6	< 1	< 0.5
682S040 Dup	92	15.7	68	32.0	3.86	377	2.10	1.21	0.10	1.04	0.028	0.059	0.210	6	6	< 1	< 0.5
682S054 Orig	99	10.4	43	22.0	2.56	493	2.01	0.92	0.10	0.59	0.025	0.046	0.151	5	6	< 1	0.6
682S054 Dup	100	10.4	45	22.3	2.67	503	2.06	0.92	0.10	0.62	0.026	0.047	0.154	5	6	< 1	< 0.5
682-S076 Orig	196	13.5	36	26.2	3.82	588	2.91	0.75	0.08	0.77	0.037	0.090	0.117	7	5	4	0.6
682-S076 Dup	189	13.0	36	25.6	3.77	564	2.84	0.73	0.08	0.76	0.035	0.085	0.117	6	5	4	1.9
682-S090 Orig	88	10.9	60	22.9	3.55	401	1.87	0.84	0.12	0.72	0.044	0.050	0.221	6	6	4	< 0.5
682-S090 Dup	95	11.5	60	24.2	3.66	416	1.95	0.87	0.13	0.75	0.046	0.051	0.231	6	6	5	< 0.5
682-S103 Orig	132	11.4	53	26.9	3.97	519	2.36	1.28	0.12	0.84	0.051	0.061	0.156	6	9	5	1.1
682-S103 Dup	129	11.1	54	26.0	3.91	493	2.28	1.23	0.12	0.80	0.052	0.057	0.151	6	8	4	1.0
682-S117 Orig	148	10.2	27	17.6	2.80	774	2.53	0.47	0.08	0.49	0.037	0.126	0.115	6	4	4	< 0.5
682-S117 Dup	153	10.4	29	18.1	2.90	786	2.61	0.48	0.09	0.50	0.040	0.129	0.125	7	4	4	< 0.5
682-S140 Orig	105	11.3	45	19.4	3.27	568	1.96	0.88	0.10	0.72	0.041	0.053	0.192	5	5	5	< 0.5
682-S140 Dup	102	10.9	45	18.8	3.25	548	1.88	0.85	0.10	0.70	0.038	0.050	0.190	5	5	4	0.5
682-S157 Orig	120	9.2	23	14.8	2.50	469	2.39	0.46	0.07	0.43	0.038	0.097	0.091	6	4	4	0.7
682-S157 Dup	129	9.6	24	15.4	2.64	482	2.48	0.48	0.07	0.45	0.039	0.102	0.103	7	4	4	0.7
682-S071 Orig																	
682-S071 Dup																	
682-S078 Orig																	
682-S078 Dup																	
682-S093 Orig																	

Soil Survey Results (QC)

Sample Number	Sc	Sr	Th	V	Hg	B	Bi	Cd	Te	Tl	W
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.1	1	0.1	2	0.01	20	0.1	0.1	0.2	0.1	0.1
	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682S013 Orig	6.2	40	0.9	90	0.04	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682S013 Dup	6.1	38	0.9	89	0.03	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682S027 Orig	6.6	41	0.8	109	0.04	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S027 Dup	7.1	46	0.8	115	0.02	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682S040 Orig	7.6	76	1.1	135	0.02	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S040 Dup	7.4	74	1.0	132	0.01	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682S054 Orig	5.8	44	0.8	80	0.03	< 20	< 0.1	< 0.1	< 0.2	< 0.1	0.2
682S054 Dup	6.0	45	0.9	82	0.06	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682-S076 Orig	6.3	46	0.8	87	0.06	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S076 Dup	6.3	44	0.9	87	0.08	< 20	0.1	0.1	< 0.2	< 0.1	< 0.1
682-S090 Orig	6.9	55	1.3	105	0.05	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682-S090 Dup	7.1	59	1.2	107	0.08	< 20	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1
682-S103 Orig	7.9	62	0.8	108	0.10	< 20	0.1	0.3	< 0.2	< 0.1	< 0.1
682-S103 Dup	7.8	62	1.1	106	0.12	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S117 Orig	4.0	32	0.9	67	0.07	< 20	0.2	0.2	< 0.2	< 0.1	< 0.1
682-S117 Dup	4.2	35	0.9	71	0.06	< 20	0.2	0.3	< 0.2	< 0.1	< 0.1
682-S140 Orig	6.6	53	0.9	98	0.10	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682-S140 Dup	6.3	51	0.8	98	< 0.01	< 20	< 0.1	0.1	< 0.2	< 0.1	< 0.1
682-S157 Orig	3.5	27	0.6	56	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S157 Dup	3.7	28	0.8	61	0.10	< 20	0.1	0.2	< 0.2	< 0.1	< 0.1
682-S071 Orig											
682-S071 Dup											
682-S078 Orig											
682-S078 Dup											
682-S093 Orig											

Sample Number		Report Number	Analyte Symbol-->	**Au**	**Au**	**Ag**	**Cu**	**Mo**	**Pb**	**Zn**	**As**	**Sb**
			Unit Symbol-->	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
			Detection Limit-->	5	0.5	0.1	0.1	0.1	0.1	1	0.5	0.1
			Analysis Method-->	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S093 Dup	**Lab Duplicates**	A16-04570		< 5								
682-S106 Orig	**Lab Duplicates**	A16-04570		< 5								
682-S106 Dup	**Lab Duplicates**	A16-04570		< 5								
682-S113 Orig	**Lab Duplicates**	A16-04570		< 5								
682-S113 Dup	**Lab Duplicates**	A16-04570		7								
682-S128 Orig	**Lab Duplicates**	A16-04570		< 5								
682-S128 Dup	**Lab Duplicates**	A16-04570		< 5								
682-S141 Orig	**Lab Duplicates**	A16-04570		< 5								
682-S141 Dup	**Lab Duplicates**	A16-04570		< 5								
682-S148 Orig	**Lab Duplicates**	A16-04570		< 5								
682-S148 Dup	**Lab Duplicates**	A16-04570		7								
682-S166 Orig	**Lab Duplicates**	A16-04570		8								
682-S166 Dup	**Lab Duplicates**	A16-04570		< 5								
	Lab Analytical Blank	A16-04570		< 5								
	Lab Analytical Blank	A16-04570		< 5								
	Lab Analytical Blank	A16-04570		< 5								
	Lab Analytical Blank	A16-04570		< 5								
	Lab Analytical Blank	A16-04570		< 5								
	Lab Analytical Blank	A16-04570		< 5								
	Lab Analytical Blank	A16-04570		6								
	Lab Analytical Blank	A16-04570		< 5								
	Lab Analytical Blank	A16-04570		< 5								
	Lab Analytical Blank	A16-04570		< 5								
	Lab Analytical Blank	A16-04570		< 5								
	Lab Analytical Blank	A16-04570		< 5								
	Lab Analytical Blank	A16-04570		< 5								

Sample	Ba	Co	Cr	Ni	Fe	Mn	Al	Ca	K	Mg	Na	P	Ti	Ga	La	S	Se
Number	ppm	ppm	ppm	ppm	%	ppm	%	%	%	%	%	%	%	ppm	ppm	%	ppm
	0.5	0.1	1	0.1	0.01	1	0.01	0.01	0.01	0.01	0.001	0.001	0.001	1	1	1	0.5
	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S093 Dup																	
682-S106 Orig																	
682-S106 Dup																	
682-S113 Orig																	
682-S113 Dup																	
682-S128 Orig																	
682-S128 Dup																	
682-S141 Orig																	
682-S141 Dup																	
682-S148 Orig																	
682-S148 Dup																	
682-S166 Orig																	
682-S166 Dup																	

Sample Number	Sc	Sr	Th	V	Hg	B	Bi	Cd	Te	Tl	W
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.1	1	0.1	2	0.01	20	0.1	0.1	0.2	0.1	0.1
	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S093 Dup											
682-S106 Orig											
682-S106 Dup											
682-S113 Orig											
682-S113 Dup											
682-S128 Orig											
682-S128 Dup											
682-S141 Orig											
682-S141 Dup											
682-S148 Orig											
682-S148 Dup											
682-S166 Orig											
682-S166 Dup											

Soil Survey Results (QC)

Sample Number	Report Number	Analyte Symbol-->	**Au**	**Au**	**Ag**	**Cu**	**Mo**	**Pb**	**Zn**	**As**	**Sb**
		Unit Symbol-->	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		Detection Limit-->	5	0.5	0.1	0.1	0.1	0.1	1	0.5	0.1
		Analysis Method-->	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS

Sample	Ba	Co	Cr	Ni	Fe	Mn	Al	Ca	K	Mg	Na	P	Ti	Ga	La	S	Se
Number	ppm	ppm	ppm	ppm	%	ppm	%	%	%	%	%	%	%	ppm	ppm	%	ppm
	0.5	0.1	1	0.1	0.01	1	0.01	0.01	0.01	0.01	0.001	0.001	0.001	1	1	1	0.5
	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS

Sample	**Sc**	**Sr**	**Th**	**V**	**Hg**	**B**	**Bi**	**Cd**	**Te**	**Tl**	**W**
Number	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.1	1	0.1	2	0.01	20	0.1	0.1	0.2	0.1	0.1
	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS

Sample Number	Report Number	Analyte Symbol-->	**Au**	**Au**	**Ag**	**Cu**	**Mo**	**Pb**	**Zn**	**As**	**Sb**
		Unit Symbol-->	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		Detection Limit-->	5	0.5	0.1	0.1	0.1	0.1	1	0.5	0.1
		Analysis Method-->	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Lab Standards											
GXR-1 Meas	A15-04822			> 1000	36	1130	18.3	746	804	413	90
GXR-1 Meas	A16-04570			> 1000	33	1060	17.1	702	813	436	82
GXR-1 Cert				3300	31	1110	18.0	730	760	427	122
GXR-4 Meas	A15-04822				2.4	6690	311	44.7	76	101	3.4
GXR-4 Meas	A16-04570			462	4.1	6410	316	40.9	72	107	3.4
GXR-4 Cert				470	4.0	6520	310	52.0	73	98	4.8
GXR-6 Meas	A15-04822				0.1	64	1.5	96	128	219	1.5
GXR-6 Cert					1.3	66	2.4	101	118	330	3.6
OREAS 922 (AQUA REGIA) Meas	A15-04822				1.0	2280		57.3	286	6.8	0.7
OREAS 922 (AQUA REGIA) Meas	A16-04570				1.0	2040	0.7	58.2	256	6.5	0.7
OREAS 922 (AQUA REGIA) Cert					0.9	2176	0.7	60.0	256	6.1	0.6
OREAS 923 (AQUA REGIA) Meas	A15-04822				1.4	4600		79.6	377	7.6	0.7
OREAS 923 (AQUA REGIA) Meas	A16-04570				2.0	4100	0.9	77.1	338	7.7	0.8
OREAS 923 (AQUA REGIA) Cert					1.6	4248	0.8	81.0	335	7.1	0.6
OREAS 930 (AQUA REGIA) Meas	A15-04822				9.8	> 10000		137	526	12.0	
OREAS 930 (AQUA REGIA) Cert					9.1	25100		142	488	10.3	
SAR-M (U.S.G.S.) Meas	A16-04570			113	3.7	288	12.2	877	905	36.2	3.7
SAR-M (U.S.G.S.) Cert				462	3.6	331	13.1	982	930	38.8	6.0
SF67 Meas	A16-04570		862								
SF67 Meas	A16-04570		842								

Sample Number	Ba ppm	Co ppm	Cr ppm	Ni ppm	Fe %	Mn ppm	Al %	Ca %	K %	Mg %	Na %	P %	Ti %	Ga ppm	La ppm	S %	Se ppm
	0.5	0.1	1	0.1	0.01	1	0.01	0.01	0.01	0.01	0.001	0.001	0.001	1	1	1	0.5
	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Lab Standards																	
GXR-1 Meas	320	7.7	7	38.9	22.8	815	0.35	0.85	0.03	0.14	0.034	0.037	0.005	3	6	< 1	15.8
GXR-1 Meas	182	7.6	11	38.6	25.8	989	0.38	0.88	0.03	0.14	0.055	0.052	0.006	5	5	5	17.8
GXR-1 Cert	750	8.2	12	41.0	23.6	852	3.52	0.96	0.05	0.22	0.052	0.065	0.036	14	8	0.3	16.6
GXR-4 Meas	47	14.5	57	40.5	2.92	134	3.00	0.92	1.89	1.77	0.124	0.112	0.124	10	38	2	5.9
GXR-4 Meas	22	13.9	58	38.6	3.14	152	2.98	0.87	1.81	1.72	0.154	0.149	0.140	11	43	7	6.9
GXR-4 Cert	1640	14.6	64	42.0	3.09	155	7.20	1.01	4.01	1.66	0.564	0.120	0.290	20	65	2	5.6
GXR-6 Meas	948	13.8	81	24.5	5.42	960	8.06	0.18	1.27	0.43	0.061	0.033		15	11	< 1	0.7
GXR-6 Cert	1300	13.8	96	27.0	5.58	1010	17.7	0.18	1.87	0.61	0.104	0.035		35	14	0.02	0.9
OREAS 922 (AQUA REGIA) Meas		20.2			5.02		3.10	0.45		1.49						< 1	
OREAS 922 (AQUA REGIA) Meas	85	18.2	44	34.5	5.13	824	2.93	0.38	0.46	1.36	0.032	0.071		7	35	5	3.7
OREAS 922 (AQUA REGIA) Cert	70	19.4	41	34.3	5.05	730	2.72	0.32	0.38	1.33	0.021	0.063		8	33	0.4	3.4
OREAS 923 (AQUA REGIA) Meas		23.3			6.05		3.35	0.47		1.67						< 1	
OREAS 923 (AQUA REGIA) Meas	69	20.7	41	32.2	6.07	956	3.00	0.38	0.39	1.48		0.068		8	32	5	6.4
OREAS 923 (AQUA REGIA) Cert	54	22.2	39	32.7	5.91	850	2.80	0.33	0.32	1.43		0.061		8	30	0.7	6.0
OREAS 930 (AQUA REGIA) Meas		37.6			8.77		2.88	0.41		1.51						3	
OREAS 930 (AQUA REGIA) Cert		36.4			8.87		2.70	0.32		1.39						2.9	
SAR-M (U.S.G.S.) Meas	170	9.5	82	38.6	2.84	4730	1.16	0.29	0.28	0.35	0.038	0.076	0.053	5	46		1.4
SAR-M (U.S.G.S.) Cert	801	10.7	80	41.5	2.99	5220	6.30	0.61	2.94	0.50	1.140	0.070	0.380	17	57		0.4
SF67 Meas																	
SF67 Meas																	

Sample Number	Sc ppm 0.1 AR-MS	Sr ppm 1 AR-MS	Th ppm 0.1 AR-MS	V ppm 2 AR-MS	Hg ppm 0.01 AR-MS	B ppm 20 AR-MS	Bi ppm 0.1 AR-MS	Cd ppm 0.1 AR-MS	Te ppm 0.2 AR-MS	Tl ppm 0.1 AR-MS	W ppm 0.1 AR-MS
Lab Standards											
GXR-1 Meas	1.2	195	1.6	73	3.96	< 20	1450	2.8	15.5	0.4	172
GXR-1 Meas	1.2	178	1.6	77	4.10	< 20	1630	2.3	14.0	0.3	130
GXR-1 Cert	1.6	275	2.4	80	3.90	15	1380	3.3	13.0	0.4	164
GXR-4 Meas	7.1	67	14.1	82		< 20	18.5	0.2	1.0	3.0	13.2
GXR-4 Meas	7.0	72	17.4	81	0.20	< 20	19.4	< 0.1	1.1	2.8	11.3
GXR-4 Cert	7.7	221	22.5	87	0.11	5	19.0	0.9	1.0	3.2	30.8
GXR-6 Meas	23.7	32	4.1	165		< 20	0.20	0.1	< 0.2	1.7	< 0.1
GXR-6 Cert	27.6	35	5.3	186		10	0.29	1.0	0.02	2.2	1.9
OREAS 922 (AQUA REGIA) Meas								0.3			
OREAS 922 (AQUA REGIA) Meas	3.6	16	15.3	31			11.4	0.2		0.2	1.1
OREAS 922 (AQUA REGIA) Cert	3.2	15	14.5	29			10.3	0.3		0.1	1.1
OREAS 923 (AQUA REGIA) Meas								0.4			
OREAS 923 (AQUA REGIA) Meas	3.6	15	14.6	31			19.8	0.4		0.2	2.3
OREAS 923 (AQUA REGIA) Cert	3.1	14	14.3	31			21.8	0.4		0.1	2
OREAS 930 (AQUA REGIA) Meas											
OREAS 930 (AQUA REGIA) Cert											
SAR-M (U.S.G.S.) Meas	3.4	29	12.0	32			1.7	4.4	0.9	1.0	2.4
SAR-M (U.S.G.S.) Cert	7.8	151	17.2	67			1.9	5.3	1.0	2.7	9.8
SF67 Meas											
SF67 Meas											

Sample Number	Report Number	Analyte Symbol-->	**Au**	**Au**	**Ag**	**Cu**	**Mo**	**Pb**	**Zn**	**As**	**Sb**
		Unit Symbol-->	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		Detection Limit-->	5	0.5	0.1	0.1	0.1	0.1	1	0.5	0.1
		Analysis Method-->	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
SF67 Meas	A16-04570		815								
SF67 Meas	A16-04570		819								
SF67 Meas	A16-04570		910								
SF67 Meas	A16-04570		872								
SF67 Meas	A16-04570		863								
SF67 Cert			835								
SE68 Meas	A16-04570		630								
SE68 Meas	A16-04570		595								
SE68 Meas	A16-04570		577								
SE68 Meas	A16-04570		606								
SE68 Meas	A16-04570		635								
SE68 Meas	A16-04570		594								
SE68 Meas	A16-04570		574								
SE68 Cert			599								

Discovery Consultants
W.R. Gilmour, PGeo
September 15, 2016

Soil Survey Results (QC)

Sample	Ba	Co	Cr	Ni	Fe	Mn	Al	Ca	K	Mg	Na	P	Ti	Ga	La	S	Se
Number	ppm	ppm	ppm	ppm	%	ppm	%	%	%	%	%	%	%	ppm	ppm	%	ppm
	0.5	0.1	1	0.1	0.01	1	0.01	0.01	0.01	0.01	0.001	0.001	0.001	1	1	1	0.5
	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
SF67 Meas																	
SF67 Meas																	
SF67 Meas																	
SF67 Meas																	
SF67 Meas																	
SF67 Cert																	
SE68 Meas																	
SE68 Meas																	
SE68 Meas																	
SE68 Meas																	
SE68 Meas																	
SE68 Meas																	
SE68 Meas																	
SE68 Cert																	

Sample Number	Sc	Sr	Th	V	Hg	B	Bi	Cd	Te	Tl	W
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	0.1	1	0.1	2	0.01	20	0.1	0.1	0.2	0.1	0.1
	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
SF67 Meas											
SF67 Meas											
SF67 Meas											
SF67 Meas											
SF67 Meas											
SF67 Cert											
SE68 Meas											
SE68 Meas											
SE68 Meas											
SE68 Meas											
SE68 Meas											
SE68 Meas											
SE68 Meas											
SE68 Cert											

APPENDIX II

Certificates of Analysis

Quality Analysis ... *Innovative Technologies*

Date Submitted: 02-Jul-15
Invoice No.: A15-04822
Invoice Date: 21-Jul-15
Your Reference: 682

Discovery Consultants
P.O. Box 933
Vernon BC V1T 6M8
Canada

ATTN: Bill Gilmour

CERTIFICATE OF ANALYSIS

64 Soil samples were submitted for analysis.

The following analytical package was requested: Code 1EPI INAA(INAAGEO)/Aqua Regia ICP(AQUAGEO)

REPORT **A15-04822**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

Analyte Symbol	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Unit Symbol	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.1	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682S001	< 0.1	1.73	2.4	1.6	< 20	75.5	< 0.1	0.95	< 0.1	11.9	52	22.3	3.14	5	23.0	0.14	4	0.69	427	0.4	0.018	22.8	0.037
682S002	< 0.1	1.99	2.1	< 0.5	< 20	105	< 0.1	0.60	0.1	10.9	41	23.3	2.65	6	40.9	0.10	6	0.60	297	0.6	0.033	25.4	0.040
682S003	< 0.1	1.75	1.8	2.4	< 20	94.8	< 0.1	0.81	0.1	9.4	42	15.8	2.71	5	23.4	0.14	4	0.54	373	0.4	0.025	18.7	0.039
682S004	0.1	2.00	2.0	< 0.5	< 20	102	< 0.1	0.87	0.1	13.7	55	24.3	3.26	6	30.0	0.16	6	0.69	552	0.5	0.024	25.5	0.082
682S005	0.1	2.46	3.4	< 0.5	< 20	144	< 0.1	0.69	0.1	11.0	34	23.9	2.80	6	13.4	0.11	5	0.56	501	0.6	0.026	23.9	0.085
682S006	< 0.1	2.44	3.0	< 0.5	< 20	105	< 0.1	0.80	0.1	13.3	46	28.2	3.27	7	6.61	0.11	5	0.73	345	0.7	0.029	25.6	0.043
682S007	0.2	2.61	4.0	< 0.5	< 20	130	< 0.1	0.44	0.1	9.8	28	25.3	2.27	7	26.7	0.10	4	0.43	413	0.6	0.028	22.9	0.111
682S008	0.2	2.18	4.7	83.8	< 20	103	< 0.1	0.73	0.3	12.3	35	31.8	2.90	6	13.2	0.09	5	0.63	512	0.7	0.020	21.7	0.056
682S009	0.1	2.38	3.0	< 0.5	< 20	115	< 0.1	0.83	0.1	12.4	52	26.6	3.22	7	13.4	0.11	5	0.74	397	0.5	0.028	26.6	0.063
682S010	0.2	2.81	6.2	< 0.5	< 20	130	< 0.1	0.74	0.2	15.1	58	55.4	4.17	7	26.9	0.12	6	0.93	394	1.1	0.019	30.5	0.072
682S011	0.2	2.64	3.0	< 0.5	< 20	137	< 0.1	0.74	0.2	13.3	47	29.9	3.03	7	30.1	0.13	6	0.64	681	0.6	0.024	27.0	0.152
682S012	0.2	2.47	4.1	< 0.5	< 20	151	< 0.1	0.56	0.2	11.9	31	30.4	2.75	6	20.1	0.16	5	0.54	836	0.7	0.028	23.9	0.112
682S013	0.3	2.97	6.1	< 0.5	< 20	145	0.1	0.60	0.2	13.8	40	39.1	3.41	7	32.1	0.09	6	0.73	424	0.9	0.028	30.7	0.076
682S014	0.3	2.23	5.9	< 0.5	< 20	119	< 0.1	0.59	0.2	12.3	34	29.8	2.91	6	23.1	0.13	5	0.57	544	0.8	0.020	22.7	0.076
682S015	0.1	1.40	2.1	< 0.5	< 20	72.2	< 0.1	0.59	0.1	6.6	23	18.3	1.66	4	13.5	0.05	3	0.34	360	0.4	0.017	13.7	0.029
682S016	0.2	1.82	2.2	< 0.5	< 20	80.4	< 0.1	1.01	< 0.1	14.0	65	31.9	3.39	6	6.72	0.08	7	0.85	406	0.4	0.024	31.4	0.060
682S017	1.0	1.75	1.8	< 0.5	< 20	89.3	< 0.1	0.99	0.5	13.1	85	27.3	3.24	6	13.4	0.09	7	0.75	359	0.6	0.027	38.6	0.040
682S018	0.4	2.46	4.7	< 0.5	< 20	122	< 0.1	0.74	0.1	15.3	44	44.4	3.58	6	40.7	0.10	7	0.76	781	1.1	0.020	28.2	0.090
682S019	0.3	1.30	1.4	< 0.5	< 20	80.6	< 0.1	0.62	< 0.1	12.4	57	19.9	2.77	4	13.4	0.15	4	0.61	662	0.4	0.013	26.3	0.029
682S020	0.3	1.63	1.2	2.4	< 20	102	< 0.1	0.60	< 0.1	11.9	53	19.0	2.66	5	3.34	0.16	4	0.59	557	0.5	0.015	24.9	0.068
682S021	0.2	1.31	1.4	1.6	< 20	55.9	< 0.1	0.75	< 0.1	12.6	63	27.2	2.83	4	13.3	0.14	5	0.73	413	0.3	0.013	28.4	0.024
682S022	0.3	2.11	2.7	0.9	< 20	127	< 0.1	0.46	0.2	11.5	29	21.8	2.49	6	27.4	0.09	3	0.49	738	0.8	0.016	20.2	0.127
682S023	0.2	1.91	1.8	< 0.5	< 20	85.2	< 0.1	0.75	< 0.1	13.8	53	26.2	3.01	5	14.0	0.15	6	0.70	451	1.7	0.017	24.2	0.052
682S024	0.2	1.91	2.0	1.7	< 20	111	< 0.1	0.79	0.1	13.4	44	23.3	3.01	6	17.2	0.14	6	0.65	532	0.5	0.022	23.2	0.040
682S025	0.2	1.66	2.4	< 0.5	< 20	94.1	< 0.1	0.84	0.1	11.1	35	22.2	2.51	5	13.5	0.11	5	0.56	430	0.7	0.017	19.6	0.039
682S026	0.2	2.39	2.9	2.6	< 20	144	< 0.1	0.89	< 0.1	13.1	49	30.2	3.31	6	75.1	0.13	7	0.81	445	0.7	0.026	29.1	0.040
682S027	0.2	2.01	3.1	< 0.5	< 20	76.7	< 0.1	0.83	0.1	15.3	52	31.4	3.51	6	26.0	0.07	5	0.86	469	0.6	0.017	25.4	0.045
682S028	0.2	2.25	4.5	3.3	< 20	119	0.1	0.56	0.2	10.8	29	20.0	2.56	6	20.5	0.11	4	0.48	716	0.7	0.017	18.7	0.094
682S029	0.3	2.36	3.1	420	< 20	121	0.1	0.75	0.2	11.1	34	32.8	2.67	6	27.6	0.09	6	0.54	423	0.4	0.024	20.2	0.045
682S030	0.3	2.23	4.7	0.9	< 20	78.1	< 0.1	0.99	0.2	11.6	41	70.0	2.91	5	26.9	0.08	7	0.67	333	0.7	0.021	24.2	0.026
682S031	0.4	2.24	3.6	< 0.5	< 20	112	< 0.1	0.49	0.2	10.2	27	23.2	2.43	6	27.9	0.06	4	0.49	655	0.6	0.020	17.3	0.115
682S032	0.4	2.70	5.8	1.0	< 20	130	0.1	0.45	0.2	10.8	28	31.6	2.51	7	27.6	0.10	6	0.54	516	0.7	0.029	23.2	0.076
682S033	0.4	2.31	6.0	0.8	< 20	113	< 0.1	0.46	0.2	10.5	27	28.7	2.47	6	10.1	0.09	5	0.53	588	0.9	0.025	19.6	0.087
682S034	0.2	2.11	1.6	< 0.5	< 20	82.2	< 0.1	0.84	< 0.1	10.1	46	24.2	2.66	6	20.6	0.09	6	0.58	346	0.4	0.028	21.7	0.028
682S035	0.2	2.05	2.7	1.0	< 20	98.1	< 0.1	0.96	< 0.1	11.6	50	40.8	2.78	5	24.1	0.10	7	0.72	420	0.4	0.033	29.2	0.035
682S036	0.2	2.06	2.2	< 0.5	< 20	92.8	< 0.1	0.99	0.1	12.9	68	32.3	3.51	6	27.4	0.10	6	0.86	336	0.4	0.031	34.3	0.029
682S037	0.2	1.76	2.1	1.8	< 20	87.1	< 0.1	0.82	< 0.1	8.9	36	33.1	2.20	5	51.6	0.08	6	0.58	346	0.3	0.023	22.9	0.023
682S038	0.2	2.28	3.7	< 0.5	< 20	104	< 0.1	1.27	< 0.1	15.1	70	49.1	3.64	7	103	0.14	8	1.42	392	0.4	0.059	43.6	0.060
682S039	0.2	2.04	1.6	< 0.5	< 20	90.7	< 0.1	0.77	< 0.1	12.0	50	21.9	2.98	6	21.1	0.11	5	0.68	309	0.4	0.029	25.2	0.056
682S040	0.1	2.16	2.5	< 0.5	< 20	93.2	< 0.1	1.21	< 0.1	15.6	69	26.4	3.87	6	17.2	0.11	6	1.05	384	0.5	0.029	32.1	0.062
682S041	0.1	2.35	2.8	< 0.5	< 20	113	< 0.1	1.18	0.1	15.1	76	36.6	3.92	7	28.4	0.13	8	1.21	500	0.5	0.032	36.8	0.043
682S042	0.1	2.04	1.5	< 0.5	< 20	77.5	< 0.1	1.00	< 0.1	13.4	78	35.5	3.15	6	20.4	0.09	6	0.90	356	0.3	0.028	35.8	0.035
682S043	0.2	2.44	3.8	< 0.5	< 20	114	< 0.1	0.93	0.2	14.1	57	31.7	3.70	7	28.1	0.16	6	0.86	466	0.7	0.025	29.8	0.063
682S044	0.2	2.76	4.3	1.0	< 20	118	< 0.1	0.78	0.3	11.5	39	41.6	3.05	6	14.0	0.10	6	0.69	391	0.6	0.023	24.1	0.098
682S045	0.2	1.70	2.6	< 0.5	< 20	81.3	< 0.1	0.43	0.2	7.4	22	14.0	1.78	5	27.4	0.07	3	0.30	625	0.5	0.023	12.9	0.131
682S046	0.2	2.16	2.2	1.0	< 20	110	< 0.1	0.94	0.1	12.7	51	23.5	3.22	6	14.3	0.15	6	0.77	566	0.6	0.025	23.4	0.077
682S047	0.2	2.12	2.5	1.1	< 20	84.6	< 0.1	1.02	< 0.1	12.5	51	21.6	3.39	6	21.2	0.12	5	0.79	448	0.6	0.020	22.8	0.041
682S048	0.2	2.14	2.0	1.0	< 20	107	< 0.1	0.83	< 0.1	11.5	43	20.0	2.96	6	14.2	0.13	6	0.66	416	0.7	0.027	22.8	0.042
682S049	0.2	3.15	4.7	2.7	< 20	141	< 0.1	1.20	0.1	16.5	67	54.0	4.14	8	21.1	0.18	12	1.20	562	0.7	0.027	41.1	0.057

Analyte Symbol	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Unit Symbol	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.1	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682S050	0.2	2.44	3.6	1.9	< 20	126	< 0.1	0.96	< 0.1	14.0	47	34.7	3.55	6	21.5	0.14	7	0.88	534	0.9	0.024	26.3	0.036
682S051	0.1	2.14	2.8	2.9	< 20	88.1	< 0.1	1.17	< 0.1	14.1	68	26.1	3.70	6	18.5	0.11	6	0.93	385	0.5	0.024	27.9	0.051
682S052	0.1	2.16	2.6	< 0.5	< 20	89.5	< 0.1	1.14	0.1	13.0	55	21.4	3.56	6	7.80	0.11	6	0.85	425	0.5	0.021	22.9	0.041
682S053	0.1	2.13	2.0	< 0.5	< 20	99.7	< 0.1	0.88	< 0.1	11.5	46	26.3	2.95	6	35.8	0.09	6	0.70	331	0.4	0.022	23.5	0.043
682S054	0.1	2.03	2.1	< 0.5	< 20	99.7	< 0.1	0.92	< 0.1	10.4	44	25.8	2.62	5	45.6	0.10	6	0.61	498	0.6	0.025	22.1	0.046
682S055	0.2	2.71	2.6	< 0.5	< 20	127	< 0.1	1.16	0.1	14.9	70	41.6	3.67	7	27.9	0.11	7	0.99	534	0.6	0.035	38.2	0.037
682S056	0.2	2.73	3.0	2.8	< 20	150	< 0.1	1.18	0.2	14.8	60	58.3	3.50	7	49.5	0.11	9	0.97	521	0.5	0.030	39.9	0.032
682S057	0.2	2.80	4.1	3.8	< 20	125	< 0.1	1.51	0.1	18.6	87	50.9	4.33	8	36.4	0.15	10	1.76	659	0.5	0.061	52.3	0.069
682S058	0.2	3.03	3.8	1.1	< 20	159	< 0.1	1.55	0.1	18.7	74	65.6	4.37	8	49.2	0.19	10	1.63	584	0.4	0.042	42.9	0.048
682S059	0.2	2.22	2.3	< 0.5	< 20	136	< 0.1	0.71	0.1	13.1	47	28.9	3.06	6	4.09	0.13	8	0.67	647	0.5	0.024	27.5	0.066
682S060	0.1	2.66	2.2	< 0.5	< 20	128	< 0.1	1.07	0.1	10.9	48	38.4	2.87	6	10.9	0.12	9	0.79	366	0.3	0.032	27.6	0.028
682S061	0.1	2.21	1.8	< 0.5	< 20	129	< 0.1	0.75	< 0.1	12.5	57	27.4	3.25	6	4.18	0.09	5	0.86	315	0.4	0.024	30.8	0.051
682S062	0.1	2.36	2.2	< 0.5	< 20	122	< 0.1	0.85	< 0.1	13.8	61	29.5	3.55	6	21.5	0.12	6	0.88	327	0.5	0.030	29.9	0.050
682S063	0.1	3.27	2.3	< 0.5	< 20	136	< 0.1	1.32	0.1	16.0	76	65.3	3.81	8	21.6	0.12	15	1.34	490	0.3	0.031	47.6	0.044
682T070	0.2	1.66	2.6	< 0.5	< 20	114	< 0.1	1.24	0.3	8.9	43	90.7	2.70	5	7.90	0.07	6	0.71	368	0.5	0.032	23.8	0.069

Results

Analyte Symbol	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682S001	3.2	< 1	0.2	6.3	< 0.5	47	< 0.2	0.7	0.189	< 0.1	103	< 0.1	52
682S002	4.2	< 1	0.2	5.3	< 0.5	38	< 0.2	1.0	0.153	< 0.1	74	< 0.1	82
682S003	3.3	< 1	0.2	5.1	< 0.5	43	< 0.2	0.8	0.175	< 0.1	87	< 0.1	65
682S004	3.4	< 1	0.2	6.7	< 0.5	47	< 0.2	0.9	0.173	< 0.1	99	< 0.1	88
682S005	4.4	< 1	0.2	4.8	< 0.5	37	< 0.2	0.9	0.114	< 0.1	72	< 0.1	95
682S006	4.2	< 1	0.2	6.5	0.5	46	< 0.2	1.0	0.155	< 0.1	97	< 0.1	111
682S007	4.1	< 1	0.1	4.0	< 0.5	26	< 0.2	0.8	0.092	< 0.1	58	< 0.1	112
682S008	5.1	< 1	0.2	5.2	0.6	42	< 0.2	0.4	0.084	< 0.1	79	< 0.1	111
682S009	4.4	< 1	0.2	6.4	< 0.5	50	< 0.2	0.9	0.165	< 0.1	96	< 0.1	83
682S010	6.4	< 1	0.4	7.0	0.6	42	< 0.2	0.9	0.130	< 0.1	119	< 0.1	92
682S011	4.4	< 1	0.1	6.1	0.5	38	< 0.2	1.1	0.124	< 0.1	83	< 0.1	114
682S012	6.0	< 1	0.2	4.8	0.6	30	< 0.2	0.5	0.088	< 0.1	66	< 0.1	137
682S013	6.9	< 1	0.2	6.2	< 0.5	39	< 0.2	0.9	0.124	< 0.1	90	< 0.1	126
682S014	8.1	< 1	0.2	5.1	< 0.5	34	< 0.2	0.6	0.096	< 0.1	75	< 0.1	112
682S015	3.0	< 1	< 0.1	2.9	< 0.5	30	< 0.2	0.3	0.058	< 0.1	46	< 0.1	46
682S016	2.9	< 1	0.2	7.0	< 0.5	58	< 0.2	0.9	0.179	< 0.1	112	< 0.1	49
682S017	6.9	< 1	0.2	6.6	0.5	59	< 0.2	1.2	0.207	< 0.1	109	< 0.1	49
682S018	5.0	< 1	0.2	6.9	0.6	38	< 0.2	0.8	0.114	< 0.1	96	< 0.1	81
682S019	2.8	< 1	0.1	5.2	< 0.5	30	< 0.2	0.7	0.140	< 0.1	85	< 0.1	57
682S020	3.0	< 1	0.1	4.5	< 0.5	31	< 0.2	0.6	0.119	< 0.1	76	< 0.1	69
682S021	2.3	< 1	0.2	5.9	0.6	36	< 0.2	0.7	0.144	< 0.1	92	< 0.1	34
682S022	4.6	< 1	0.2	3.7	< 0.5	24	< 0.2	0.6	0.082	< 0.1	61	< 0.1	102
682S023	3.4	< 1	0.2	5.9	0.7	41	< 0.2	0.8	0.147	< 0.1	88	< 0.1	52
682S024	4.0	< 1	0.2	5.6	< 0.5	39	< 0.2	0.9	0.156	< 0.1	84	< 0.1	56
682S025	4.3	< 1	0.2	4.5	0.8	36	< 0.2	0.6	0.119	< 0.1	70	< 0.1	53
682S026	4.6	< 1	0.3	7.5	0.5	48	< 0.2	1.3	0.169	< 0.1	91	< 0.1	73
682S027	3.9	< 1	0.2	6.8	< 0.5	43	< 0.2	0.8	0.160	< 0.1	112	< 0.1	64
682S028	5.5	< 1	0.2	3.7	< 0.5	29	< 0.2	0.6	0.092	< 0.1	69	< 0.1	129
682S029	5.1	< 1	0.2	5.4	0.6	44	< 0.2	1.0	0.112	< 0.1	71	< 0.1	93
682S030	4.4	< 1	0.3	7.4	0.8	40	< 0.2	0.8	0.100	< 0.1	77	< 0.1	78
682S031	5.9	< 1	0.2	4.0	< 0.5	24	< 0.2	0.7	0.083	< 0.1	62	< 0.1	133
682S032	7.1	< 1	0.2	5.3	< 0.5	29	< 0.2	1.0	0.098	< 0.1	64	< 0.1	157
682S033	8.5	< 1	0.2	4.7	< 0.5	28	< 0.2	0.8	0.088	< 0.1	64	< 0.1	157
682S034	3.2	< 1	0.1	6.1	< 0.5	44	< 0.2	0.9	0.154	< 0.1	82	< 0.1	53
682S035	3.2	< 1	0.2	6.9	< 0.5	48	< 0.2	0.9	0.136	< 0.1	90	< 0.1	47
682S036	3.4	< 1	0.2	7.4	< 0.5	62	< 0.2	1.2	0.186	< 0.1	115	< 0.1	49
682S037	3.2	< 1	0.2	5.4	< 0.5	40	< 0.2	0.8	0.105	< 0.1	61	< 0.1	46
682S038	3.8	< 1	0.3	9.9	0.7	72	< 0.2	1.3	0.148	< 0.1	103	< 0.1	67
682S039	3.5	< 1	0.2	5.6	< 0.5	50	< 0.2	0.9	0.168	< 0.1	92	< 0.1	54
682S040	3.2	< 1	0.2	7.5	< 0.5	75	< 0.2	1.0	0.218	< 0.1	134	< 0.1	48
682S041	3.6	< 1	0.2	9.4	0.6	80	< 0.2	1.3	0.222	< 0.1	137	< 0.1	61
682S042	2.8	< 1	0.2	7.2	< 0.5	57	< 0.2	1.0	0.175	< 0.1	104	< 0.1	55
682S043	6.3	< 1	0.2	7.2	0.6	54	< 0.2	1.0	0.181	< 0.1	113	< 0.1	98
682S044	6.4	< 1	0.2	6.1	< 0.5	37	< 0.2	1.0	0.105	< 0.1	79	< 0.1	152
682S045	4.7	< 1	< 0.1	2.8	< 0.5	23	< 0.2	0.5	0.067	< 0.1	45	< 0.1	146
682S046	3.5	< 1	0.2	6.9	< 0.5	51	< 0.2	0.9	0.178	< 0.1	103	< 0.1	74
682S047	3.9	< 1	0.2	6.6	< 0.5	54	< 0.2	0.8	0.212	< 0.1	115	< 0.1	59
682S048	4.1	< 1	0.2	6.0	0.5	46	< 0.2	0.9	0.181	< 0.1	90	< 0.1	69
682S049	4.8	< 1	0.3	11.6	0.7	61	< 0.2	1.5	0.191	< 0.1	120	< 0.1	78

Analyte Symbol	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682S050	4.7	< 1	0.3	8.1	0.7	47	< 0.2	1.3	0.168	< 0.1	102	< 0.1	63
682S051	3.3	< 1	0.2	8.1	0.5	66	< 0.2	1.1	0.215	< 0.1	123	< 0.1	47
682S052	3.9	< 1	0.2	7.0	< 0.5	60	< 0.2	0.9	0.224	< 0.1	124	< 0.1	59
682S053	4.3	< 1	0.2	6.2	< 0.5	39	< 0.2	1.0	0.151	< 0.1	87	< 0.1	47
682S054	4.3	< 1	0.2	5.9	< 0.5	45	< 0.2	0.9	0.153	< 0.1	81	< 0.1	53
682S055	4.4	< 1	0.2	8.4	0.6	58	< 0.2	1.3	0.185	< 0.1	113	< 0.1	62
682S056	4.4	< 1	0.3	8.0	0.6	54	< 0.2	1.4	0.154	< 0.1	98	< 0.1	56
682S057	4.4	< 1	0.3	11.4	0.7	86	< 0.2	1.6	0.197	< 0.1	133	< 0.1	65
682S058	4.0	< 1	0.3	11.8	0.9	90	< 0.2	1.5	0.190	< 0.1	127	< 0.1	65
682S059	4.9	< 1	0.2	6.3	< 0.5	35	< 0.2	1.1	0.148	< 0.1	82	< 0.1	75
682S060	3.6	< 1	0.2	8.0	0.6	51	< 0.2	1.3	0.143	< 0.1	81	< 0.1	49
682S061	3.4	< 1	0.2	5.9	< 0.5	45	< 0.2	1.3	0.170	< 0.1	102	< 0.1	60
682S062	3.7	< 1	0.2	6.3	< 0.5	59	< 0.2	1.3	0.208	< 0.1	120	< 0.1	63
682S063	4.0	< 1	0.2	12.3	1.0	68	< 0.2	1.3	0.179	< 0.1	116	< 0.1	70
682T070	4.6	< 1	0.2	4.7	1.0	47	< 0.2	0.6	0.129	< 0.1	84	< 0.1	66

QC

Analyte Symbol	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Unit Symbol	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.1	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1	0.001
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	35.5	0.35	413	> 1000	< 20	320	1450	0.85	2.8	7.7	7	1130	22.8	3	3960	0.03	6	0.14	815	18.3	0.034	38.9	0.037
GXR-1 Cert	31.0	3.52	427	3300	15.0	750	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	7.50	0.217	852	18.0	0.0520	41.0	0.0650
GXR-4 Meas	2.4	3.00	101		< 20	47.0	18.5	0.92	0.2	14.5	57	6690	2.92	10		1.89	38	1.77	134	311	0.124	40.5	0.112
GXR-4 Cert	4.0	7.20	98.0		4.50	1640	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0		4.01	64.5	1.66	155	310	0.564	42.0	0.120
GXR-6 Meas	0.1	8.06	219		< 20	948	0.2	0.18	0.1	13.8	81	64.4	5.42	15		1.27	11	0.43	960	1.5	0.061	24.5	0.033
GXR-6 Cert	1.30	17.7	330		9.80	1300	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0		1.87	13.9	0.609	1010	2.40	0.104	27.0	0.0350
OREAS 922 (AQUA REGIA) Meas	1.0	3.10	6.8					0.45	0.3	20.2		2280	5.02					1.49					
OREAS 922 (AQUA REGIA) Cert	0.851	2.72	6.12					0.324	0.28	19.4		2176	5.05					1.33					
OREAS 923 (AQUA REGIA) Meas	1.4	3.35	7.6					0.47	0.4	23.3		4600	6.05					1.67					
OREAS 923 (AQUA REGIA) Cert	1.62	2.80	7.07					0.326	0.40	22.2		4248	5.91					1.43					
OREAS 930 (AQUA REGIA) Meas	9.8	2.88	12.0					0.41		37.6		> 10000	8.77					1.51					
OREAS 930 (AQUA REGIA) Cert	9.13	2.70	10.3					0.322		36.4		25100	8.87					1.39					
682S013 Orig	0.3	3.02	6.1	< 0.5	< 20	147	0.1	0.61	0.2	13.8	40	39.4	3.43	8	37.0	0.09	6	0.75	426	0.9	0.028	30.7	0.077
682S013 Dup	0.4	2.92	6.2	< 0.5	< 20	143	0.1	0.59	0.1	13.8	40	38.8	3.40	7	27.1	0.09	6	0.72	422	0.9	0.028	30.7	0.075
682S027 Orig	0.2	1.96	3.0	2.7	< 20	76.5	< 0.1	0.79	0.1	15.3	51	31.5	3.48	6	35.1	0.06	5	0.86	471	0.6	0.016	25.1	0.044
682S027 Dup	0.2	2.06	3.2	< 0.5	< 20	76.9	< 0.1	0.88	0.1	15.2	53	31.2	3.54	6	16.9	0.07	5	0.85	467	0.6	0.018	25.7	0.046
682S040 Orig	0.2	2.22	2.5	5.8	< 20	94.0	< 0.1	1.22	< 0.1	15.6	69	26.6	3.87	6	20.8	0.11	6	1.07	390	0.5	0.030	32.2	0.064
682S040 Dup	0.1	2.10	2.4	< 0.5	< 20	92.3	< 0.1	1.21	< 0.1	15.7	68	26.2	3.86	6	13.5	0.10	6	1.04	377	0.5	0.028	32.0	0.059
682S054 Orig	0.1	2.01	2.0	< 0.5	< 20	99.4	< 0.1	0.92	< 0.1	10.4	43	25.7	2.56	5	28.0	0.10	6	0.59	493	0.6	0.025	22.0	0.046
682S054 Dup	0.1	2.06	2.1	< 0.5	< 20	100.0	< 0.1	0.92	< 0.1	10.4	45	26.0	2.67	5	63.2	0.10	6	0.62	503	0.6	0.026	22.3	0.047

QC

Analyte Symbol	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	746	< 1	89.6	1.2	15.8	195	15.5	1.6	0.005	0.4	73	172	804
GXR-1 Cert	730	0.257	122	1.58	16.6	275	13.0	2.44	0.036	0.390	80.0	164	760
GXR-4 Meas	44.7	2	3.4	7.1	5.9	67	1.0	14.1	0.124	3.0	82	13.2	76
GXR-4 Cert	52.0	1.77	4.80	7.70	5.60	221	0.970	22.5	0.29	3.20	87.0	30.8	73.0
GXR-6 Meas	95.9	< 1	1.5	23.7	0.7	32	< 0.2	4.1		1.7	165	< 0.1	128
GXR-6 Cert	101	0.0160	3.60	27.6	0.940	35.0	0.0180	5.30		2.20	186	1.90	118
OREAS 922 (AQUA REGIA) Meas	57.3	< 1	0.7										286
OREAS 922 (AQUA REGIA) Cert	60	0.386	0.57										256
OREAS 923 (AQUA REGIA) Meas	79.6	< 1	0.7										377
OREAS 923 (AQUA REGIA) Cert	81	0.684	0.58										335
OREAS 930 (AQUA REGIA) Meas	137	3											526
OREAS 930 (AQUA	142	2.87											488

Analyte Symbol	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
REGIA) Cert													
682S013 Orig	7.1	< 1	0.2	6.2	0.7	40	< 0.2	0.9	0.125	< 0.1	90	< 0.1	126
682S013 Dup	6.8	< 1	0.3	6.1	< 0.5	38	< 0.2	0.9	0.122	< 0.1	89	< 0.1	125
682S027 Orig	3.9	< 1	0.2	6.6	0.5	41	< 0.2	0.8	0.150	< 0.1	109	< 0.1	64
682S027 Dup	3.8	< 1	0.2	7.1	< 0.5	46	< 0.2	0.8	0.170	< 0.1	115	< 0.1	65
682S040 Orig	3.4	< 1	0.2	7.6	< 0.5	76	< 0.2	1.1	0.227	< 0.1	135	< 0.1	48
682S040 Dup	3.1	< 1	0.2	7.4	< 0.5	74	< 0.2	1.0	0.210	< 0.1	132	< 0.1	48
682S054 Orig	4.3	< 1	0.2	5.8	0.6	44	< 0.2	0.8	0.151	< 0.1	80	0.2	53
682S054 Dup	4.2	< 1	0.2	6.0	< 0.5	45	< 0.2	0.9	0.154	< 0.1	82	< 0.1	53

Quality Analysis ... *Innovative Technologies*

Date Submitted: 20-May-16
Invoice No.: A16-04570
Invoice Date: 05-Jun-16
Your Reference: 682

Discovery Consultants
P.O. Box 933
Vernon BC V1T 6M8
Canada

ATTN: Bill Gilmour

CERTIFICATE OF ANALYSIS

102 Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Kamloops Au - Fire Assay AA

Code 1DX/AQ200-Kamloops Aqua Regia ICP/MS

REPORT **A16-04570**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Note: Au by this package is not reliable and you should have Au by Fire Assay done if you need accurate Au values.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.1	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S064	22	0.3	2.50	4.9	< 0.5	< 20	182	0.1	0.41	0.1	9.7	25	26.2	2.53	6	0.09	0.10	4	0.40	570	0.8	0.046	20.5
682-S065	10	0.4	2.09	4.1	< 0.5	< 20	153	0.1	0.45	0.2	8.2	20	23.3	2.33	5	0.12	0.07	4	0.36	851	0.8	0.042	15.1
682-S066	8	0.3	2.94	7.9	< 0.5	< 20	219	0.1	0.64	0.3	14.4	47	49.0	4.19	6	0.08	0.09	5	0.83	570	1.2	0.037	30.6
682-S067	< 5	0.2	1.70	3.4	< 0.5	< 20	140	0.1	0.51	0.2	8.4	19	21.8	2.15	4	0.07	0.08	4	0.33	929	0.6	0.046	13.1
682-S068	52	0.5	2.40	9.1	< 0.5	< 20	171	0.2	0.81	0.3	14.4	60	48.5	4.82	6	0.07	0.11	7	0.89	673	1.1	0.038	28.6
682-S069	12	0.4	2.06	3.1	< 0.5	< 20	123	0.1	1.60	0.3	9.6	37	70.9	2.97	5	0.10	0.08	6	0.67	487	0.5	0.047	22.7
682-S070	5	0.2	1.48	1.9	< 0.5	< 20	102	< 0.1	0.51	< 0.1	7.9	23	16.1	2.26	5	0.07	0.08	3	0.34	365	0.6	0.040	12.0
682-S071	< 5	0.2	2.24	4.7	< 0.5	< 20	129	0.1	0.47	0.1	10.8	30	31.2	3.05	6	0.08	0.08	3	0.55	320	0.8	0.039	19.6
682-S072	< 5	0.4	2.12	3.1	< 0.5	< 20	133	< 0.1	0.78	0.1	11.7	53	28.4	3.62	5	0.07	0.09	5	0.78	434	0.6	0.044	25.1
682-S073	8	0.3	2.27	6.5	< 0.5	< 20	151	0.1	1.20	0.3	15.0	45	61.6	4.10	6	0.09	0.10	8	1.00	1480	1.4	0.055	27.1
682-S074	< 5	0.5	2.17	3.9	< 0.5	< 20	150	0.1	0.50	0.2	10.2	24	26.8	2.66	5	0.08	0.08	4	0.42	725	0.7	0.042	16.8
682-S075	5	0.4	2.61	5.4	< 0.5	< 20	167	0.1	0.65	0.2	13.4	42	40.8	3.74	6	0.07	0.08	5	0.73	802	1.1	0.039	24.7
682-S076	< 5	0.2	2.87	5.5	< 0.5	< 20	192	0.1	0.74	0.2	13.3	36	52.4	3.79	6	0.07	0.08	5	0.77	576	0.9	0.036	25.9
682-S077	5	0.3	2.09	4.6	< 0.5	< 20	156	0.1	1.09	0.2	11.9	40	46.6	3.51	5	0.06	0.12	6	0.69	580	0.7	0.040	22.9
682-S078	< 5	0.2	2.52	3.4	< 0.5	< 20	169	0.1	0.68	0.1	11.5	41	27.1	3.35	6	0.07	0.11	5	0.63	529	0.6	0.048	23.9
682-S079	9	0.6	2.73	3.0	< 0.5	< 20	173	0.1	0.58	0.1	10.5	36	22.3	3.16	6	0.04	0.14	5	0.61	506	0.6	0.047	22.7
682-S080	10	0.3	2.00	2.4	< 0.5	< 20	107	< 0.1	0.69	< 0.1	10.9	42	20.6	3.24	5	0.06	0.10	5	0.67	460	0.6	0.041	20.3
682-S081	< 5	0.2	2.13	2.8	< 0.5	< 20	115	< 0.1	0.66	< 0.1	10.6	36	19.6	3.13	5	0.05	0.13	4	0.64	551	0.7	0.045	19.5
682-S082	< 5	0.3	2.27	1.7	< 0.5	< 20	157	0.1	1.11	0.2	8.0	29	25.8	2.66	5	0.07	0.11	5	0.55	432	0.3	0.058	17.8
682-S083	< 5	0.3	1.94	2.4	< 0.5	< 20	139	< 0.1	0.69	0.1	8.8	31	20.3	2.51	5	0.06	0.09	4	0.47	478	0.5	0.044	18.1
682-S084	11	0.2	2.00	3.1	< 0.5	< 20	108	< 0.1	0.88	0.1	12.5	45	28.4	3.58	5	0.06	0.08	6	0.73	487	0.7	0.045	22.7
682-S085	< 5	0.3	2.07	3.3	< 0.5	< 20	114	< 0.1	1.67	0.3	9.2	46	67.3	3.23	5	0.09	0.08	6	0.73	479	0.4	0.048	22.8
682-S086	6	0.2	1.84	3.6	< 0.5	< 20	141	0.1	0.81	0.2	11.3	30	40.6	2.82	4	0.10	0.08	5	0.50	869	0.6	0.034	18.1
682-S087	< 5	0.3	2.66	4.2	< 0.5	< 20	172	0.1	0.60	0.2	12.1	37	39.1	3.29	6	0.07	0.10	5	0.62	668	0.8	0.041	23.0
682-S088	< 5	0.2	2.31	2.3	< 0.5	< 20	138	< 0.1	0.77	0.1	11.8	50	24.1	3.56	6	0.06	0.18	5	0.72	534	0.5	0.046	23.5
682-S089	< 5	0.2	1.90	2.3	< 0.5	< 20	103	< 0.1	0.93	< 0.1	12.0	62	29.8	3.70	5	0.07	0.13	9	0.79	462	0.5	0.044	25.6
682-S090	5	0.2	1.91	2.0	< 0.5	< 20	91.3	< 0.1	0.86	< 0.1	11.2	60	22.8	3.61	6	0.07	0.12	6	0.73	409	0.5	0.045	23.5
682-S091	6	0.2	2.36	3.6	< 0.5	< 20	155	0.1	0.54	0.1	10.0	42	27.7	3.33	6	0.07	0.08	4	0.53	469	0.6	0.040	20.1
682-S092	12	0.2	2.33	6.5	< 0.5	< 20	151	0.1	1.14	0.1	14.4	58	59.2	4.41	6	0.09	0.09	9	0.98	654	0.8	0.044	28.8
682-S093	< 5	0.3	2.18	2.9	< 0.5	< 20	135	0.1	0.81	0.2	7.5	22	44.6	2.16	5	0.10	0.05	6	0.36	434	0.5	0.048	15.2
682-S094	< 5	0.3	2.23	2.8	< 0.5	< 20	139	0.1	0.80	0.2	9.2	27	44.7	2.55	5	0.08	0.10	6	0.47	655	0.6	0.040	17.2
682-S095	< 5	0.3	2.44	3.5	< 0.5	< 20	135	0.1	1.65	0.4	10.1	44	92.2	3.26	5	0.12	0.10	6	0.83	609	0.4	0.055	26.8
682-S096	9	0.3	2.63	5.0	< 0.5	< 20	160	0.1	1.49	0.4	13.7	47	73.9	3.67	6	0.07	0.10	7	0.88	924	0.5	0.053	28.2
682-S097	10	0.6	2.33	3.1	< 0.5	< 20	147	0.1	1.54	0.4	7.9	37	116	2.66	5	0.11	0.08	8	0.74	328	0.3	0.056	24.1
682-S098	< 5	0.4	2.70	3.1	< 0.5	< 20	137	0.1	1.36	0.3	8.1	41	100	2.91	6	0.14	0.10	9	0.67	301	0.4	0.069	24.7
682-S099	< 5	0.2	2.21	2.7	< 0.5	< 20	94.5	0.2	0.89	0.1	11.4	62	27.2	3.47	6	0.08	0.08	5	0.69	502	0.5	0.043	23.0
682-S100	< 5	0.4	1.60	2.6	< 0.5	< 20	92.7	< 0.1	2.08	0.3	5.6	40	152	1.73	4	0.20	0.05	6	0.43	458	0.4	0.054	15.7
682-S101	< 5	0.2	2.30	3.5	< 0.5	< 20	124	0.1	1.06	0.4	10.4	41	31.4	3.45	6	0.08	0.08	5	0.69	346	0.6	0.046	22.3
682-S102	7	0.6	1.89	5.0	< 0.5	< 20	113	0.2	1.52	0.4	10.9	40	77.2	3.20	5	0.08	0.08	7	0.82	651	0.5	0.048	22.9
682-S103	< 5	0.3	2.32	6.8	< 0.5	< 20	130	0.1	1.25	0.3	11.3	54	72.7	3.94	6	0.11	0.12	9	0.82	506	0.5	0.052	26.5
682-S104	< 5	0.4	2.77	5.4	< 0.5	< 20	157	0.1	1.29	0.3	11.0	49	115	3.70	6	0.13	0.10	11	0.83	589	0.5	0.059	28.4
682-S105	< 5	0.3	2.49	5.4	< 0.5	< 20	152	0.1	1.17	0.2	11.0	42	74.2	3.44	6	0.12	0.08	8	0.75	883	0.7	0.058	21.7
682-S106	< 5	0.2	2.97	4.7	< 0.5	< 20	160	0.1	0.98	0.1	10.5	35	53.1	3.37	7	0.10	0.07	10	0.61	424	0.5	0.055	20.6
682-S107	< 5	0.3	3.39	4.9	< 0.5	< 20	229	0.2	0.81	0.2	10.0	33	70.7	3.08	7	0.15	0.07	12	0.55	391	0.6	0.066	22.9
682-S108	< 5	0.3	2.53	3.8	< 0.5	< 20	114	0.1	0.40	< 0.1	9.0	24	24.6	2.61	6	0.11	0.05	4	0.35	562	0.7	0.045	15.7
682-S109	< 5	0.3	2.75	3.5	< 0.5	< 20	147	0.1	0.47	0.1	11.1	34	23.9	3.25	7	0.08	0.08	4	0.55	492	0.8	0.038	20.3
682-S110	< 5	0.4	2.34	4.1	< 0.5	< 20	105	0.1	0.52	0.2	9.4	26	19.8	2.86	6	0.06	0.07	3	0.40	471	1.0	0.038	16.2
682-S111	< 5	0.2	2.48	3.3	< 0.5	< 20	142	0.1	0.60	0.1	9.4	29	20.3	2.72	6	0.06	0.07	5	0.43	426	0.7	0.044	16.9

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.1	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S112	< 5	0.2	2.63	2.9	< 0.5	< 20	147	0.2	0.97	0.2	9.1	34	31.7	3.03	6	0.08	0.08	7	0.60	448	0.5	0.055	17.8
682-S113	< 5	0.4	2.58	3.1	< 0.5	< 20	129	< 0.1	1.09	0.1	10.1	41	53.6	3.48	6	0.09	0.09	7	0.73	434	0.4	0.053	20.3
682-S114	< 5	0.4	2.11	3.1	< 0.5	< 20	128	0.1	1.26	0.3	8.1	33	128	2.58	4	0.11	0.08	8	0.65	497	0.3	0.052	23.7
682-S115	< 5	0.3	2.27	6.0	< 0.5	< 20	132	0.1	1.36	0.6	9.2	35	71.0	3.05	5	0.09	0.09	8	0.64	451	0.5	0.047	20.7
682-S116	< 5	0.5	1.93	4.3	< 0.5	< 20	125	0.1	1.17	0.3	10.3	40	64.4	2.90	5	0.11	0.09	7	0.70	788	0.7	0.039	20.0
682-S117	10	0.3	2.57	4.6	< 0.5	< 20	151	0.2	0.47	0.2	10.3	28	22.2	2.85	6	0.06	0.08	4	0.50	780	0.8	0.038	17.9
682-S118	7	0.3	2.60	4.8	< 0.5	< 20	151	0.2	0.47	0.2	10.4	28	21.6	2.85	6	0.09	0.08	4	0.48	630	0.8	0.039	17.3
682-S119	< 5	0.3	2.70	4.6	< 0.5	< 20	140	0.2	0.41	0.2	11.7	32	23.6	3.05	7	0.08	0.08	5	0.49	696	1.0	0.038	18.7
682-S120	< 5	0.3	2.51	4.4	13.8	< 20	149	0.2	0.61	0.2	11.8	42	26.9	3.33	6	0.05	0.11	5	0.65	497	0.7	0.037	20.9
682-S121	< 5	0.4	2.69	3.9	< 0.5	< 20	177	0.2	0.88	0.3	12.0	37	40.8	3.20	6	0.08	0.11	8	0.61	589	0.6	0.053	21.5
682-S122	10	0.3	2.66	4.3	< 0.5	< 20	138	0.2	0.69	0.2	11.5	31	36.8	3.10	7	0.07	0.08	5	0.58	461	0.6	0.044	19.7
682-S123	< 5	0.4	2.16	3.9	< 0.5	< 20	137	0.2	1.62	0.7	8.9	31	54.9	2.80	5	0.07	0.09	7	0.61	396	0.5	0.047	20.0
682-S124	18	0.4	2.46	5.1	< 0.5	< 20	144	0.3	1.20	0.4	9.0	34	48.6	3.07	5	0.08	0.09	5	0.66	430	0.5	0.051	19.0
682-S125	36	0.9	1.75	3.1	< 0.5	< 20	116	0.2	1.31	0.6	5.1	25	77.1	2.01	3	0.08	0.06	7	0.41	157	0.3	0.042	15.8
682-S126	8	0.5	2.65	5.7	< 0.5	< 20	143	0.1	1.02	0.2	11.2	40	70.7	3.23	6	0.13	0.08	10	0.63	367	0.7	0.046	21.5
682-S127	< 5	0.3	2.67	3.8	< 0.5	< 20	157	0.1	0.57	0.2	9.9	33	24.3	2.98	6	0.06	0.09	4	0.58	502	0.8	0.042	19.6
682-S128	< 5	0.4	2.41	4.0	< 0.5	< 20	166	0.1	0.62	0.2	10.4	31	23.4	2.87	6	< 0.01	0.09	5	0.56	812	0.7	0.038	18.2
682-S129	< 5	0.5	1.78	4.1	< 0.5	< 20	142	0.1	0.68	0.2	8.3	23	21.4	2.44	5	0.10	0.08	4	0.44	555	0.7	0.032	13.8
682-S130	10	0.4	2.53	3.1	< 0.5	< 20	127	0.1	1.20	0.3	7.6	37	117	2.61	6	0.10	0.07	10	0.63	236	0.3	0.055	22.2
682-S131	< 5	0.3	3.02	3.0	< 0.5	< 20	232	0.1	1.04	0.2	9.3	46	49.4	3.24	6	0.10	0.12	9	0.78	290	0.3	0.056	29.8
682-S132	< 5	0.4	2.57	4.2	< 0.5	< 20	155	0.2	1.30	0.3	9.6	48	74.4	3.42	6	0.10	0.10	9	0.80	386	0.5	0.048	26.0
682-S133	10	0.3	2.30	3.7	< 0.5	< 20	139	0.2	0.97	0.2	8.3	26	35.5	2.46	5	0.10	0.07	7	0.53	362	0.4	0.047	18.2
682-S134	8	0.3	2.22	3.8	< 0.5	< 20	172	0.3	0.74	0.2	8.8	25	25.4	2.46	5	0.10	0.06	6	0.45	425	0.5	0.038	16.5
682-S135	< 5	0.3	2.70	5.6	< 0.5	< 20	150	0.3	0.49	0.2	11.5	29	27.0	2.94	6	< 0.01	0.08	6	0.50	562	0.9	0.042	19.3
682-S136	14	0.5	2.53	4.6	< 0.5	< 20	133	0.3	0.38	0.2	10.5	26	23.5	2.65	6	0.10	0.06	4	0.46	614	0.7	0.038	17.8
682-S137	21	0.3	2.75	4.4	< 0.5	< 20	167	0.3	0.52	0.2	10.9	33	25.2	3.02	7	0.10	0.09	4	0.61	406	0.8	0.034	20.4
682-S138	< 5	1.9	3.07	4.0	< 0.5	< 20	163	0.4	0.57	0.1	11.2	32	26.0	3.22	7	0.10	0.09	4	0.65	353	0.9	0.036	21.9
682-S139	< 5	0.3	1.75	2.2	< 0.5	< 20	90.0	< 0.1	1.21	0.2	8.8	38	48.0	2.80	4	0.10	0.08	6	0.63	314	0.5	0.038	18.5
682-S140	< 5	0.2	1.92	1.9	< 0.5	< 20	104	< 0.1	0.87	0.1	11.1	45	21.5	3.26	5	< 0.01	0.10	5	0.71	558	0.6	0.039	19.1
682-S141	< 5	0.4	2.42	2.5	< 0.5	< 20	136	6.2	0.64	0.2	10.0	37	20.8	2.97	6	0.10	0.10	4	0.61	427	0.5	0.038	19.3
682-S142	< 5	0.2	2.39	2.5	< 0.5	< 20	108	0.1	0.57	0.1	9.9	33	16.3	2.72	6	0.10	0.07	4	0.51	336	0.7	0.039	17.0
682-S143	< 5	0.2	2.86	4.2	< 0.5	< 20	192	0.1	0.85	0.1	10.8	39	24.6	3.27	6	0.10	0.08	7	0.69	347	0.7	0.045	21.7
682-S144	< 5	0.2	2.65	2.7	< 0.5	< 20	136	0.1	0.84	0.1	8.7	24	17.6	2.42	6	0.10	0.06	5	0.41	312	0.5	0.057	15.6
682-S145	< 5	0.3	1.76	2.8	< 0.5	< 20	93.0	< 0.1	0.79	0.1	4.4	16	26.3	1.53	4	0.10	0.04	4	0.29	146	0.3	0.046	9.9
682-S146	< 5	0.6	2.25	3.9	< 0.5	< 20	112	0.1	1.53	0.8	6.7	31	140	2.21	4	0.10	0.08	8	0.55	382	0.4	0.061	22.0
682-S147	< 5	0.5	2.30	3.6	< 0.5	< 20	147	0.1	1.42	0.5	8.8	35	146	2.64	4	0.10	0.08	10	0.75	468	0.3	0.049	27.6
682-S148	< 5	0.4	2.63	3.9	< 0.5	< 20	154	0.1	1.29	0.4	12.1	40	100	3.25	6	0.10	0.10	9	0.79	787	0.4	0.053	27.3
682-S149	< 5	0.5	2.58	4.1	< 0.5	< 20	150	0.1	0.80	0.2	10.9	31	38.8	3.01	6	0.10	0.15	9	0.57	540	0.7	0.043	20.4
682-S150	8	0.6	2.64	5.2	< 0.5	< 20	176	0.1	0.58	0.2	10.1	27	25.5	2.88	5	0.10	0.10	6	0.60	573	0.8	0.038	17.7
682-S151	< 5	0.9	2.90	3.9	< 0.5	< 20	167	0.1	0.75	0.2	9.6	29	42.3	2.72	6	0.10	0.08	9	0.54	591	0.7	0.047	20.8
682-S152	5	0.4	2.89	3.9	< 0.5	< 20	166	0.1	0.72	0.2	13.0	49	29.3	3.70	7	0.10	0.09	6	0.88	430	0.8	0.043	32.2
682-S156	< 5	0.3	2.38	3.2	< 0.5	< 20	120	0.1	0.58	0.2	9.6	31	20.3	2.89	6	0.10	0.09	4	0.58	466	0.6	0.038	18.0
682-S157	< 5	0.3	2.43	3.1	< 0.5	< 20	125	0.1	0.47	0.2	9.4	23	16.6	2.57	7	0.10	0.07	4	0.44	475	1.0	0.038	15.1
682-S158	< 5	0.3	2.57	6.8	< 0.5	< 20	117	0.1	0.60	0.2	10.6	34	28.6	3.38	6	0.10	0.10	5	0.73	383	1.3	0.032	19.4
682-S159	< 5	0.4	2.55	5.0	< 0.5	< 20	146	0.1	0.88	0.3	9.1	25	42.3	2.63	5	0.10	0.08	11	0.49	477	0.6	0.056	18.0
682-S160	6	0.3	2.49	4.5	< 0.5	< 20	137	0.1	0.55	0.2	9.3	26	23.0	2.74	6	0.10	0.07	6	0.51	445	0.7	0.041	16.3
682-S161	6	0.3	2.62	7.6	< 0.5	< 20	153	0.1	1.10	0.3	12.8	48	47.0	3.85	6	0.10	0.11	8	0.87	828	0.7	0.055	25.8
682-S162	< 5	0.2	3.35	10.0	< 0.5	< 20	193	0.1	1.48	0.3	19.5	63	61.8	4.85	7	0.10	0.15	8	1.29	1540	1.2	0.048	34.1

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.1	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S163	< 5	0.5	2.27	3.7	< 0.5	< 20	144	0.1	0.84	0.2	10.4	34	25.6	2.99	6	0.10	0.14	5	0.61	545	0.7	0.038	18.4
682-S164	< 5	0.5	2.03	3.3	< 0.5	< 20	127	0.1	0.55	0.3	8.6	24	19.3	2.34	5	0.10	0.08	4	0.41	663	0.7	0.037	14.2
682-S165	5	0.4	3.01	3.7	< 0.5	< 20	191	0.1	0.71	0.2	10.8	37	32.9	3.15	7	< 0.01	0.10	6	0.65	654	0.6	0.055	23.6
682-S166	< 5	0.5	2.97	4.0	< 0.5	< 20	177	0.1	0.94	0.2	12.8	49	52.6	3.63	7	0.10	0.13	10	0.85	609	0.5	0.053	30.1
682-S167	< 5	0.2	1.92	2.0	< 0.5	< 20	96.0	< 0.1	0.97	< 0.1	12.3	57	25.7	3.51	5	< 0.01	0.13	6	0.78	494	0.5	0.043	24.3
682-S168	5	0.2	1.97	2.5	< 0.5	< 20	107	< 0.1	0.93	< 0.1	12.4	55	31.8	3.43	5	< 0.01	0.12	7	0.75	502	0.5	0.042	25.2

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S064	0.165	5.2	4	0.1	3.8	0.7	28	< 0.2	1.0	0.104	< 0.1	53	< 0.1	105
682-S065	0.182	5.2	4	0.1	3.1	0.5	29	< 0.2	0.9	0.091	< 0.1	49	< 0.1	107
682-S066	0.097	5.4	4	0.4	6.2	0.9	46	< 0.2	1.1	0.133	0.1	102	< 0.1	113
682-S067	0.163	4.7	4	0.1	3.4	< 0.5	32	< 0.2	0.8	0.078	< 0.1	46	< 0.1	121
682-S068	0.085	7.6	4	0.5	8.3	0.7	66	< 0.2	1.1	0.150	< 0.1	118	< 0.1	95
682-S069	0.066	4.2	4	0.2	5.1	1.2	71	< 0.2	0.4	0.104	< 0.1	70	< 0.1	57
682-S070	0.120	3.5	4	0.1	3.1	< 0.5	30	< 0.2	0.4	0.099	< 0.1	55	< 0.1	57
682-S071	0.136	4.6	4	0.2	4.2	< 0.5	30	< 0.2	0.7	0.106	< 0.1	71	< 0.1	81
682-S072	0.063	4.9	4	0.3	6.3	< 0.5	55	< 0.2	1.2	0.196	< 0.1	99	< 0.1	64
682-S073	0.100	5.5	4	0.4	8.9	0.8	59	< 0.2	1.0	0.152	< 0.1	102	< 0.1	74
682-S074	0.185	4.7	4	0.1	4.1	< 0.5	34	< 0.2	0.9	0.096	< 0.1	59	< 0.1	105
682-S075	0.136	4.9	4	0.3	5.9	0.6	44	< 0.2	1.1	0.134	< 0.1	91	1.6	90
682-S076	0.088	5.2	4	0.2	6.3	1.3	45	< 0.2	0.8	0.117	< 0.1	87	< 0.1	90
682-S077	0.070	4.3	4	0.3	6.4	0.8	62	< 0.2	0.7	0.130	< 0.1	85	< 0.1	75
682-S078	0.102	4.8	4	0.2	5.6	0.5	47	< 0.2	1.1	0.150	< 0.1	80	< 0.1	86
682-S079	0.120	6.0	4	0.2	5.3	< 0.5	39	< 0.2	1.1	0.137	< 0.1	73	< 0.1	92
682-S080	0.044	4.2	4	0.2	5.3	< 0.5	48	< 0.2	0.9	0.170	< 0.1	85	< 0.1	56
682-S081	0.076	4.9	4	0.2	5.3	< 0.5	42	< 0.2	0.8	0.151	< 0.1	76	< 0.1	60
682-S082	0.042	3.8	4	0.1	5.3	0.5	55	< 0.2	0.9	0.107	< 0.1	50	< 0.1	53
682-S083	0.104	3.7	4	0.2	3.1	< 0.5	41	< 0.2	0.5	0.109	< 0.1	58	< 0.1	75
682-S084	0.053	3.6	4	0.3	6.5	0.5	59	< 0.2	0.9	0.188	< 0.1	98	< 0.1	54
682-S085	0.082	4.3	4	0.2	5.1	1.2	68	< 0.2	0.4	0.108	< 0.1	78	< 0.1	55
682-S086	0.128	4.5	4	0.2	4.4	0.6	49	< 0.2	0.6	0.100	< 0.1	66	< 0.1	82
682-S087	0.157	5.2	4	0.3	5.4	0.7	41	< 0.2	1.0	0.136	< 0.1	78	< 0.1	119
682-S088	0.077	3.7	4	0.2	6.8	< 0.5	49	< 0.2	1.2	0.191	< 0.1	92	< 0.1	70
682-S089	0.059	3.2	4	0.2	7.7	0.5	59	< 0.2	1.2	0.219	< 0.1	106	< 0.1	55
682-S090	0.050	3.3	4	0.3	7.0	< 0.5	57	< 0.2	1.2	0.226	< 0.1	106	< 0.1	44
682-S091	0.109	4.6	4	0.2	4.7	< 0.5	31	< 0.2	1.1	0.143	< 0.1	84	< 0.1	82
682-S092	0.078	4.9	4	0.5	10.9	0.6	65	< 0.2	1.6	0.205	< 0.1	122	< 0.1	55
682-S093	0.057	4.6	4	0.2	3.8	0.5	40	< 0.2	0.7	0.097	< 0.1	48	< 0.1	72
682-S094	0.079	5.1	4	0.3	4.2	0.7	44	< 0.2	0.6	0.105	< 0.1	58	< 0.1	72
682-S095	0.086	4.3	5	0.2	5.6	1.7	69	< 0.2	0.4	0.107	< 0.1	73	< 0.1	62
682-S096	0.069	5.3	5	0.2	6.6	1.1	66	< 0.2	0.6	0.115	< 0.1	81	< 0.1	78
682-S097	0.097	4.2	5	0.2	4.8	1.3	69	< 0.2	0.5	0.099	< 0.1	59	< 0.1	77
682-S098	0.052	4.4	5	0.2	6.5	1.2	59	< 0.2	1.0	0.131	< 0.1	66	< 0.1	66
682-S099	0.095	4.5	5	0.2	6.3	< 0.5	47	< 0.2	0.9	0.196	< 0.1	101	< 0.1	89
682-S100	0.138	3.3	5	0.4	1.7	1.9	69	< 0.2	0.2	0.048	< 0.1	42	< 0.1	54
682-S101	0.041	5.1	5	0.3	5.6	0.7	55	< 0.2	0.8	0.163	< 0.1	90	< 0.1	75
682-S102	0.091	7.1	5	0.3	4.8	0.9	66	< 0.2	0.4	0.108	< 0.1	79	< 0.1	62
682-S103	0.059	4.5	5	0.3	7.8	1.0	62	< 0.2	1.0	0.153	< 0.1	107	< 0.1	65
682-S104	0.061	5.2	5	0.3	7.9	1.2	63	< 0.2	1.0	0.145	< 0.1	90	< 0.1	74
682-S105	0.054	4.7	5	0.3	7.9	0.6	62	< 0.2	1.0	0.136	< 0.1	86	< 0.1	66
682-S106	0.033	4.9	4	0.2	7.9	1.0	49	< 0.2	1.4	0.131	< 0.1	77	< 0.1	63
682-S107	0.044	5.8	5	0.2	8.2	0.9	49	< 0.2	2.0	0.133	< 0.1	66	< 0.1	83
682-S108	0.134	4.9	4	0.1	3.9	< 0.5	23	< 0.2	1.2	0.108	< 0.1	60	0.2	84
682-S109	0.085	5.2	4	0.2	4.2	< 0.5	30	< 0.2	0.9	0.135	< 0.1	81	< 0.1	103
682-S110	0.106	5.3	5	0.3	3.2	< 0.5	28	< 0.2	0.6	0.114	< 0.1	71	< 0.1	82
682-S111	0.073	4.8	4	0.2	4.1	< 0.5	34	< 0.2	1.0	0.135	< 0.1	67	< 0.1	81

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S112	0.028	5.4	4	0.2	5.6	0.6	49	< 0.2	1.2	0.137	< 0.1	68	< 0.1	61
682-S113	0.032	4.2	4	0.2	7.5	< 0.5	58	< 0.2	1.1	0.167	< 0.1	88	< 0.1	46
682-S114	0.064	4.2	4	0.2	5.0	0.8	59	< 0.2	0.5	0.085	< 0.1	56	< 0.1	55
682-S115	0.053	6.2	4	0.3	5.9	1.1	66	< 0.2	0.7	0.100	< 0.1	69	< 0.1	57
682-S116	0.085	6.0	5	0.4	5.0	1.0	51	< 0.2	0.6	0.106	< 0.1	73	< 0.1	86
682-S117	0.127	6.4	4	0.2	4.1	< 0.5	33	< 0.2	0.9	0.120	< 0.1	69	< 0.1	128
682-S118	0.116	5.5	4	0.2	4.1	< 0.5	32	< 0.2	0.9	0.125	< 0.1	70	< 0.1	129
682-S119	0.136	5.7	5	0.2	4.4	< 0.5	31	< 0.2	0.9	0.126	< 0.1	75	< 0.1	126
682-S120	0.096	5.0	4	0.3	5.3	< 0.5	43	< 0.2	1.1	0.155	< 0.1	88	< 0.1	99
682-S121	0.060	5.5	4	0.2	6.3	0.7	61	< 0.2	1.3	0.141	< 0.1	74	< 0.1	96
682-S122	0.050	5.0	4	0.2	5.1	0.6	47	< 0.2	0.8	0.113	< 0.1	75	< 0.1	98
682-S123	0.051	5.1	4	0.2	5.0	1.1	74	< 0.2	0.7	0.097	< 0.1	61	< 0.1	71
682-S124	0.046	4.9	4	0.2	5.0	1.1	64	< 0.2	0.7	0.100	< 0.1	67	< 0.1	78
682-S125	0.048	4.0	4	0.2	3.1	1.6	58	< 0.2	0.4	0.064	< 0.1	41	< 0.1	61
682-S126	0.037	6.2	4	0.3	6.1	0.7	48	< 0.2	1.0	0.104	< 0.1	69	< 0.1	100
682-S127	0.074	6.2	5	0.2	4.4	< 0.5	34	< 0.2	1.0	0.124	< 0.1	73	< 0.1	139
682-S128	0.125	6.0	4	0.2	4.8	< 0.5	36	< 0.2	0.9	0.117	< 0.1	73	< 0.1	125
682-S129	0.123	6.0	4	0.2	3.0	< 0.5	41	< 0.2	0.6	0.081	< 0.1	56	< 0.1	108
682-S130	0.051	4.6	4	0.2	5.9	1.2	59	< 0.2	0.9	0.114	< 0.1	62	< 0.1	71
682-S131	0.057	5.9	4	0.2	7.9	1.0	67	< 0.2	1.6	0.160	< 0.1	80	< 0.1	102
682-S132	0.062	5.1	4	0.3	7.5	0.9	67	< 0.2	1.0	0.137	< 0.1	88	< 0.1	82
682-S133	0.046	4.6	4	0.2	4.6	0.8	54	< 0.2	0.9	0.108	< 0.1	58	< 0.1	86
682-S134	0.085	5.1	4	0.2	3.7	< 0.5	50	< 0.2	1.3	0.101	< 0.1	58	< 0.1	96
682-S135	0.112	5.3	4	0.1	4.6	< 0.5	36	< 0.2	1.0	0.114	< 0.1	69	< 0.1	131
682-S136	0.141	5.3	4	0.1	3.7	< 0.5	29	< 0.2	0.9	0.099	< 0.1	58	< 0.1	130
682-S137	0.059	5.0	4	0.2	4.3	< 0.5	41	< 0.2	0.8	0.130	< 0.1	79	< 0.1	108
682-S138	0.049	5.1	4	0.2	4.4	0.5	39	< 0.2	0.7	0.123	< 0.1	82	< 0.1	111
682-S139	0.026	3.9	4	0.3	5.1	1.0	54	< 0.2	0.6	0.130	< 0.1	79	< 0.1	43
682-S140	0.052	4.1	4	0.2	6.4	< 0.5	52	< 0.2	0.9	0.191	< 0.1	98	< 0.1	53
682-S141	0.077	4.6	5	0.2	5.0	0.6	43	1.8	0.9	0.165	< 0.1	82	< 0.1	90
682-S142	0.034	5.0	4	0.2	4.4	< 0.5	36	< 0.2	0.7	0.154	< 0.1	76	< 0.1	71
682-S143	0.035	6.0	5	0.2	6.4	1.0	51	< 0.2	1.3	0.127	< 0.1	78	< 0.1	95
682-S144	0.031	5.7	4	0.1	4.0	0.8	45	< 0.2	1.0	0.101	< 0.1	54	< 0.1	81
682-S145	0.027	4.0	4	0.1	2.5	0.9	37	< 0.2	0.5	0.065	< 0.1	33	< 0.1	56
682-S146	0.093	5.0	5	0.2	4.6	1.9	65	< 0.2	0.6	0.081	< 0.1	49	< 0.1	78
682-S147	0.092	5.1	4	0.2	4.0	1.6	65	< 0.2	0.4	0.076	< 0.1	54	< 0.1	74
682-S148	0.055	5.7	4	0.2	6.8	1.0	65	< 0.2	0.8	0.122	< 0.1	74	< 0.1	71
682-S149	0.095	6.9	4	0.2	5.3	1.1	48	< 0.2	0.8	0.098	< 0.1	67	< 0.1	120
682-S150	0.144	6.6	4	0.2	4.6	0.9	35	< 0.2	0.8	0.109	< 0.1	64	< 0.1	146
682-S151	0.059	7.3	4	0.2	5.3	0.8	43	< 0.2	0.9	0.116	< 0.1	60	< 0.1	148
682-S152	0.083	6.4	4	0.3	6.0	0.8	51	< 0.2	1.3	0.162	< 0.1	90	< 0.1	129
682-S156	0.105	5.9	4	0.2	4.3	0.6	32	< 0.2	0.7	0.119	< 0.1	71	< 0.1	101
682-S157	0.100	6.5	4	0.1	3.6	0.7	28	< 0.2	0.7	0.097	< 0.1	58	< 0.1	127
682-S158	0.058	7.9	4	0.3	5.2	0.9	34	< 0.2	0.7	0.093	< 0.1	79	< 0.1	99
682-S159	0.053	7.0	4	0.2	6.0	1.4	48	< 0.2	1.3	0.106	< 0.1	58	< 0.1	142
682-S160	0.123	7.2	4	0.2	4.7	0.9	37	< 0.2	1.2	0.106	< 0.1	61	< 0.1	134
682-S161	0.061	7.2	4	0.3	7.9	1.5	66	< 0.2	1.2	0.164	< 0.1	100	< 0.1	150
682-S162	0.088	9.0	5	0.4	11.4	1.8	73	< 0.2	1.0	0.149	0.1	116	< 0.1	84

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S163	0.108	6.4	5	0.2	4.8	0.9	47	< 0.2	0.7	0.119	< 0.1	70	< 0.1	116
682-S164	0.208	5.8	4	< 0.1	3.0	0.8	30	< 0.2	0.5	0.081	< 0.1	50	< 0.1	149
682-S165	0.059	6.9	4	0.2	5.9	1.0	43	< 0.2	1.2	0.142	< 0.1	74	< 0.1	152
682-S166	0.057	5.8	4	0.3	8.6	0.7	54	< 0.2	1.6	0.173	< 0.1	91	< 0.1	109
682-S167	0.057	3.5	4	0.2	7.3	0.9	61	< 0.2	1.3	0.213	< 0.1	104	< 0.1	47
682-S168	0.045	3.6	4	0.2	7.2	1.1	59	< 0.2	1.2	0.201	< 0.1	101	< 0.1	43

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.1	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas		33.0	0.38	436	> 1000	< 20	182	1630	0.88	2.3	7.6	11	1060	25.8	5	4.10	0.03	5	0.14	989	17.1	0.055	38.6
GXR-1 Cert		31.0	3.52	427	3300	15.0	750	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	7.50	0.217	852	18.0	0.0520	41.0
GXR-4 Meas		4.1	2.98	107	462	< 20	22.1	19.4	0.87	< 0.1	13.9	58	6410	3.14	11	0.20	1.81	43	1.72	152	316	0.154	38.6
GXR-4 Cert		4.0	7.20	98.0	470	4.50	1640	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	64.5	1.66	155	310	0.564	42.0
SAR-M (U.S.G.S.) Meas		3.7	1.16	36.2	113		170	1.7	0.29	4.4	9.5	82	288	2.84	5		0.28	46	0.35	4730	12.2	0.038	38.6
SAR-M (U.S.G.S.) Cert		3.64	6.30	38.8	462.000		801	1.94	0.61	5.27	10.70	79.7	331.0000	2.99	17		2.94	57.4	0.50	5220	13.1	1.140	41.5
SF67 Meas	862																						
SF67 Cert	835																						
SF67 Meas	842																						
SF67 Cert	835																						
SF67 Meas	815																						
SF67 Cert	835																						
SF67 Meas	819																						
SF67 Cert	835																						
SF67 Meas	910																						
SF67 Cert	835																						
SF67 Meas	872																						
SF67 Cert	835																						
SF67 Meas	863																						
SF67 Cert	835																						
SE68 Meas	630																						
SE68 Cert	599																						
SE68 Meas	595																						
SE68 Cert	599																						
SE68 Meas	577																						
SE68 Cert	599																						
SE68 Meas	606																						
SE68 Cert	599																						
SE68 Meas	635																						
SE68 Cert	599																						
SE68 Meas	594																						
SE68 Cert	599																						
SE68 Meas	574																						
SE68 Cert	599																						
OREAS 922 (AQUA REGIA) Meas		1.0	2.93	6.5			85.3	11.4	0.38	0.2	18.2	44	2040	5.13	7		0.46	35	1.36	824	0.7	0.032	34.5
OREAS 922 (AQUA REGIA) Cert		0.851	2.72	6.12			70	10.3	0.324	0.28	19.4	40.7	2176	5.05	7.62		0.376	32.5	1.33	730	0.69	0.021	34.3
OREAS 923 (AQUA REGIA) Meas		2.0	3.00	7.7			68.5	19.8	0.38	0.4	20.7	41	4100	6.07	8		0.39	32	1.48	956	0.9		32.2
OREAS 923 (AQUA REGIA) Cert		1.62	2.80	7.07			54	21.8	0.326	0.40	22.2	39.4	4248	5.91	8.01		0.322	30.0	1.43	850	0.84		32.7
682-S071 Orig	< 5																						
682-S071 Dup	< 5																						
682-S076 Orig		0.3	2.91	5.4	< 0.5	< 20	196	0.1	0.75	0.2	13.5	36	53.2	3.82	7	0.06	0.08	5	0.77	588	0.9	0.037	26.2
682-S076 Dup		0.2	2.84	5.5	< 0.5	< 20	189	0.1	0.73	0.1	13.0	36	51.5	3.77	6	0.08	0.08	5	0.76	564	0.9	0.035	25.6
682-S078 Orig	< 5																						
682-S078 Dup	7																						

Analyte Symbol	Au	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni
Unit Symbol	ppb	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.1	0.01	0.5	0.5	20	0.5	0.1	0.01	0.1	0.1	1	0.1	0.01	1	0.01	0.01	1	0.01	1	0.1	0.001	0.1
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S090 Orig		0.2	1.87	1.9	< 0.5	< 20	87.7	< 0.1	0.84	< 0.1	10.9	60	22.5	3.55	6	0.05	0.12	6	0.72	401	0.5	0.044	22.9
682-S090 Dup		0.1	1.95	2.1	< 0.5	< 20	94.9	< 0.1	0.87	< 0.1	11.5	60	23.0	3.66	6	0.08	0.13	6	0.75	416	0.5	0.046	24.2
682-S093 Orig	< 5																						
682-S093 Dup	< 5																						
682-S103 Orig		0.3	2.36	7.0	< 0.5	< 20	132	0.1	1.28	0.3	11.4	53	75.1	3.97	6	0.10	0.12	9	0.84	519	0.5	0.051	26.9
682-S103 Dup		0.3	2.28	6.5	< 0.5	< 20	129	0.1	1.23	0.2	11.1	54	70.4	3.91	6	0.12	0.12	8	0.80	493	0.5	0.052	26.0
682-S106 Orig	< 5																						
682-S106 Dup	< 5																						
682-S113 Orig	< 5																						
682-S113 Dup	7																						
682-S117 Orig		0.3	2.53	4.7	< 0.5	< 20	148	0.2	0.47	0.2	10.2	27	21.6	2.80	6	0.07	0.08	4	0.49	774	0.8	0.037	17.6
682-S117 Dup		0.4	2.61	4.5	< 0.5	< 20	153	0.2	0.48	0.3	10.4	29	22.7	2.90	7	0.06	0.09	4	0.50	786	0.8	0.040	18.1
682-S128 Orig	< 5																						
682-S128 Dup	< 5																						
682-S140 Orig		0.2	1.96	1.9	< 0.5	< 20	105	< 0.1	0.88	0.1	11.3	45	22.0	3.27	5	0.10	0.10	5	0.72	568	0.6	0.041	19.4
682-S140 Dup		0.2	1.88	2.0	< 0.5	< 20	102	< 0.1	0.85	0.1	10.9	45	21.0	3.25	5	< 0.01	0.10	5	0.70	548	0.5	0.038	18.8
682-S141 Orig	< 5																						
682-S141 Dup	< 5																						
682-S148 Orig	< 5																						
682-S148 Dup	7																						
682-S157 Orig		0.3	2.39	3.1	< 0.5	< 20	120	0.1	0.46	0.2	9.2	23	16.3	2.50	6	0.10	0.07	4	0.43	469	1.0	0.038	14.8
682-S157 Dup		0.3	2.48	3.1	< 0.5	< 20	129	0.1	0.48	0.2	9.6	24	16.9	2.64	7	0.10	0.07	4	0.45	482	1.0	0.039	15.4
682-S166 Orig	8																						
682-S166 Dup	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
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Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	6																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
GXR-1 Meas	0.052	702	5	81.8	1.2	17.8	178	14.0	1.6	0.006	0.3	77	130	813
GXR-1 Cert	0.0650	730	0.257	122	1.58	16.6	275	13.0	2.44	0.036	0.390	80.0	164	760
GXR-4 Meas	0.149	40.9	7	3.4	7.0	6.9	72	1.1	17.4	0.140	2.8	81	11.3	72
GXR-4 Cert	0.120	52.0	1.77	4.80	7.70	5.60	221	0.970	22.5	0.29	3.20	87.0	30.8	73.0
SAR-M (U.S.G.S.) Meas	0.076	877		3.7	3.4	1.4	29	0.9	12.0	0.053	1.0	32	2.4	905
SAR-M (U.S.G.S.) Cert	0.07	982		6.0	7.83	0.39	151	0.96	17.2	0.38	2.7	67.2	9.78	930.0
SF67 Meas														
SF67 Cert														
SF67 Meas														
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OREAS 922 (AQUA REGIA) Meas	0.071	58.2	5	0.7	3.6	3.7	16		15.3		0.2	31	1.1	256
OREAS 922 (AQUA REGIA) Cert	0.063	60	0.386	0.57	3.15	3.44	15.0		14.5		0.14	29.4	1.12	256
OREAS 923 (AQUA REGIA) Meas	0.068	77.1	5	0.8	3.6	6.4	15		14.6		0.2	31	2.3	338
OREAS 923 (AQUA REGIA) Cert	0.061	81	0.684	0.58	3.09	5.99	13.6		14.3		0.12	30.6	1.96	335
682-S071 Orig														
682-S071 Dup														
682-S076 Orig	0.090	5.0	4	0.2	6.3	0.6	46	< 0.2	0.8	0.117	< 0.1	87	< 0.1	92
682-S076 Dup	0.085	5.3	4	0.2	6.3	1.9	44	< 0.2	0.9	0.117	< 0.1	87	< 0.1	87
682-S078 Orig														
682-S078 Dup														

Analyte Symbol	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	V	W	Zn
Unit Symbol	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.1	1	0.1	0.1	0.5	1	0.2	0.1	0.001	0.1	2	0.1	1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
682-S090 Orig	0.050	3.2	4	0.3	6.9	< 0.5	55	< 0.2	1.3	0.221	< 0.1	105	< 0.1	43
682-S090 Dup	0.051	3.4	5	0.3	7.1	< 0.5	59	< 0.2	1.2	0.231	< 0.1	107	< 0.1	44
682-S093 Orig														
682-S093 Dup														
682-S103 Orig	0.061	4.5	5	0.3	7.9	1.1	62	< 0.2	0.8	0.156	< 0.1	108	< 0.1	66
682-S103 Dup	0.057	4.4	4	0.3	7.8	1.0	62	< 0.2	1.1	0.151	< 0.1	106	< 0.1	64
682-S106 Orig														
682-S106 Dup														
682-S113 Orig														
682-S113 Dup														
682-S117 Orig	0.126	6.4	4	0.2	4.0	< 0.5	32	< 0.2	0.9	0.115	< 0.1	67	< 0.1	126
682-S117 Dup	0.129	6.4	4	0.2	4.2	< 0.5	35	< 0.2	0.9	0.125	< 0.1	71	< 0.1	130
682-S128 Orig														
682-S128 Dup														
682-S140 Orig	0.053	4.1	5	0.2	6.6	< 0.5	53	< 0.2	0.9	0.192	< 0.1	98	< 0.1	54
682-S140 Dup	0.050	4.1	4	0.2	6.3	0.5	51	< 0.2	0.8	0.190	< 0.1	98	< 0.1	52
682-S141 Orig														
682-S141 Dup														
682-S148 Orig														
682-S148 Dup														
682-S157 Orig	0.097	6.3	4	0.1	3.5	0.7	27	< 0.2	0.6	0.091	< 0.1	56	< 0.1	124
682-S157 Dup	0.102	6.7	4	0.2	3.7	0.7	28	< 0.2	0.8	0.103	< 0.1	61	< 0.1	131
682-S166 Orig														
682-S166 Dup														
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