

Geochemical Report on the

**G2 Claims**

Tenure Numbers:1033067, 1033068

51° 29' North, 120° 30' West

Map No. 92P/08

LITTLE FORT, BRITISH COLUMBIA

By

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Ministry of Energy, Mines & Petroleum Resources  
Mining & Minerals Division  
BC Geological Survey

Assessment Report  
Title Page and Summary

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

TOTAL COST: 5 224.37

AUTHOR(S): Michael S. Cathro

SIGNATURE(S): 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A

YEAR OF WORK: 2015

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5583078

PROPERTY NAME: G2

CLAIM NAME(S) (on which the work was done): G2 (#1033067) + G3 (#1033068)

COMMODITIES SOUGHT: Au, Cu.

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: \_\_\_\_\_

MINING DIVISION: Kamloops

NTS/BCGS: 92P/08

LATITUDE: 51° 29' " LONGITUDE: 120° 30' " (at centre of work)

OWNER(S):  
1) Michael S. Cathro 2) \_\_\_\_\_

MAILING ADDRESS:  
2560 Telford Place  
Kamloops B.C V1S 0A3

OPERATOR(S) [who paid for the work]:  
1) SAME 2) \_\_\_\_\_

MAILING ADDRESS:  
\_\_\_\_\_  
\_\_\_\_\_

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):  
Nicola Group, Thuya Batholith, Triassic, Jurassic, Gold, Copper

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 33,305, 31,913, 29,584,  
22,183, 13,519, 18,597, 18,612, 17,709

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<i>Geochem</i>			
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping			
Photo interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
<b>Ground</b>			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
<b>Airborne</b>			
<b>GEOCHEMICAL (number of samples analysed for...)</b>			
Soil	96	} 1033068 (32) } 1033067 (64)	) 4224.37
Silt			
Rock	1	1033067	
Other			
<b>DRILLING (total metres; number of holes, size)</b>			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
<b>PROSPECTING (scale, area)</b>	800 Ha.	1033067 + 1033068	1000.00
<b>PREPARATORY / PHYSICAL</b>			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
<b>TOTAL COST:</b>			5224.37

## 1.0 SUMMARY

The G2 property consists of two claims totaling 603.9 hectares, and is located 10 km northwest of the village of Little Fort in south-central British Columbia. The claims are accessed by a series of logging roads that branch off Provincial Highway #24, which crosses the centre of the property. Access is excellent.

The claims were acquired on January 2, 2014 following the lapsing of the original "G" claims. The G2 claims cover the potential source areas for gold-silver-copper mineralized boulders identified on the original G claims. The source of the boulders has never been located.

The G2 property also covers a portion of a garnet-wollastonite skarn, which was trenched and drilled with four diamond drill holes in 2000.

In 2015, this mineralization was examined in outcrop. In addition, a total of 96 soil samples were collected, primarily on roads across the lines. Soil lines were laid out to extend coverage into areas not sampled by previous workers.

Several coincident Au-Cu soil anomalies were identified to the south and west of the G boulder occurrence (Au-Ag-Cu).

Additional soil sampling and prospecting should be completed to the east, west and south of the G boulder train.

## 2.0 INTRODUCTION

### 2.1 Location and Access

The "G2" property is located ten kilometres northwest of Little Fort in south-central BC (Figure 1) on the Bonaparte map sheet (92P). The largest regional centre is Kamloops, located about 100 km south of Little Fort.

The geographic co-ordinates for the property are 51° 29' North latitude and 120° 30' West longitude on NTS Map No. 92P/8. Corresponding UTM (Nad 83) co-ordinates are Grid Zone 10U 686000E and 5707000N on TRIM Map No. 092P.049.

The property is accessible by via Highway 24 which cuts through a portion of the property, and a network of excellent logging roads to the south and north of the highway.

### 2.2 Physiography

The property is located on the broad, rolling terrain of the Thompson Plateau. Several deeply incised drainages cut the area, including Eakin Creek to the south and Nehalliston Creek to the north, both of which flow easterly into the Thompson River (Figures 2, 3). This stream has cut a deeply incised valley and flows easterly to the North Thompson River. Slopes range from gentle to moderate. Elevations range from 900 metres in the creek valleys to 1200 metres on small hills on the plateau.

The plateau is covered by an extensive cover of glacial till. Tipper (1971) provides a good overview of the regional glacial history. The interpreted regional ice flow was generally to the southwest to the southeast. More detailed recent work by Plouffe et al., provides detailed maps and till geochemical data.

### 2.3 Vegetation and Climate

The property is covered by coniferous forests, which have been extensively logged. The climate is typical of central British Columbia, with moderately cold winters and pleasant summers. Snow accumulation in winter reaches perhaps 1 to 2 metres, and the property is clear of snow from approximately May to November.

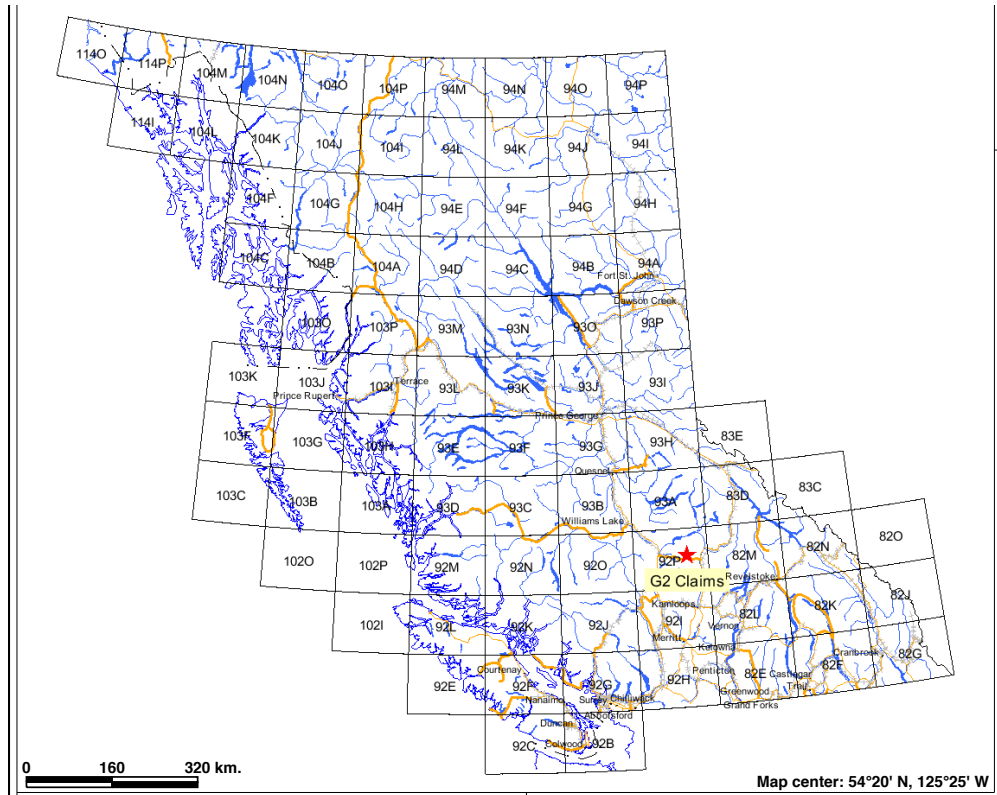


Figure 1. Location Map.

## 2.4 Claims

The property comprises two tenures totaling 603.9 hectares, as outlined in Table 1 and Figure 2. Upon acceptance of this report, the claims will be in good standing to September 24, 2017. The claims are held by Michael Cathro in trust for Cathro Resources Corp. (100%).

Table 1. List of Claims

Title Number	Claim Name	Issue Date	Good To Date*	Area (Ha)
1033067	G2	2015/jan/02	2017/sep/24	503.2467
1033068	G3	2015/jan/02	2017/sep/24	100.6198
Total				603.8665

\* Upon acceptance of this report

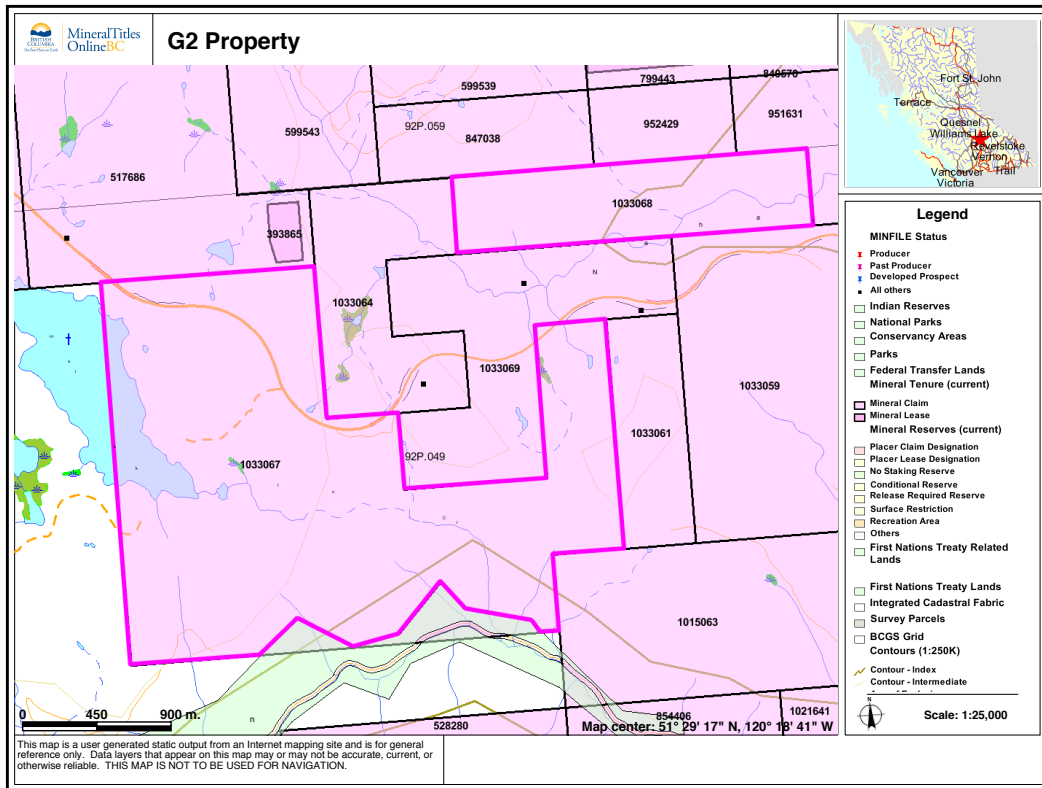


Figure 2. Claim map showing the G2 (main) and G3 (northeast) blocks of the G2 property in magenta outlines.



### 3.0 EXPLORATION HISTORY

The history of the G2 claim area has been very well presented by Gruenwald (2012). His summary is copied here, with minor changes by the author shown by (parenthesis).

*The earliest regional exploration dates to the late 1800s when small placer gold deposits were discovered in Eakin Creek just south of the property. In the 1930s gold bearing, sulphide-rich skarn zones were discovered near Deer Lake approximately seven kilometres northwest of the (G2) property. Small shipments of hand-cobbled multi-ounce gold "ore" were reportedly sent to a smelter. During the 1960s exploration shifted toward the search for porphyry style copper ± molybdenum mineralization. Several drilling programs were conducted the largest being in the Deer and Friendly Lake areas. Exploration companies included Anaconda, Rio Tinto, Vital Pacific and Teck Corp.*

*The area in and around the (G2) property was intermittently explored for several years in the search for bulk tonnage copper deposits. In 1983 the DeBock brothers of Clearwater discovered gold mineralization in the Cedar Skarn zone along the newly constructed Highway 24. From 1985 to 1987 Craven Resources Inc. conducted mapping and 40 km of geochemical and magnetic and VLF-EM surveys on this occurrence and along the southerly geologic extension. In 1988/89 Pacific Comox Resources continued with prospecting, magnetic and VLF-EM surveys.*

*In 1988 prospector George Wolanski discovered the gold mineralization associated with narrow quartz veins along a Highway 24 road cut approximately 1.5 km west-southwest of the Cedar showing. During the next two years Esso Resources Canada conducted soil and silt surveys over the property and surrounding area. Anomalous amounts of gold in soil and silt were found in several areas however no major follow-up work was done. During this time a series of quartz veins known as the Cedar Sheeted veins were discovered in the Nehalliston Creek canyon.*

*In 1991 Huntington Resources Inc. conducted soil sampling south of Esso Resources work and delineated several north-south trending gold anomalies. Trenching and test pits excavated along one of the strongest anomalies encountered large, often angular limonitic boulders. Many of the boulders contained multi-gram gold and silver. Trenching revealed that these rested on barren dioritic rock and had therefore been glacially transported. (Author's note: these boulders and anomalies primarily occur east and north of the main G2 claim block, but partially extend onto the G2 block. The source remains unexplained.)*

*In 1994 the claims were optioned by Mr. Wolanski to B. C. Feldspar and in 1995 were optioned to Mainstay Capital and related companies Ardent Ventures and Beau Rock Industrial Minerals Inc. of Vancouver, B.C. No work appears to have been recorded by these companies. In 2000 Allegra Capital Corporation conducted trenching and drilled four short diamond drill holes totaling 284 metres on a garnet-wollastonite skarn. (Author's note: the garnet-wollastonite skarn occurs on the east side of the main G2 claim block.)*

*In 1998 and 2000 the BC Geological survey released "basal till" sampling results for the region of the (G2) property. One of seven of the highest order gold anomalies was found on the property just southeast of the mineralized float area.*

*In 2007 Mr. Rob Shives of GamX Inc. was contracted by Bullrock Minerals Inc. to provide*

*Geochemical Report on the G2 Claims, Little Fort, B.C., by M.S. Cathro, March 28, 2016*

*an interpretation of the 2006 Bonaparte Lake airborne survey and identify geophysical anomalies for follow-up exploration. A Thorium/Potassium low (eTh/K) northerly and believed to be up-ice of the gold-silver bearing float boulders was considered as a potential source. To test this area the company completed seventeen kilometres of grid based soil sampling, prospecting and rock sampling. This work identified northerly trending gold-in-soil anomalies along the eastern part of the grid. Rock sampling resulted in the discovery of additional gold mineralized float and bedrock.*

*In 2010 Bullrock Minerals Inc. conducted a program of soil and rock sampling along with prospecting (on the G claims). Twelve soil samples out of the 103 collected contain  $\geq 75$  ppb with four exceeding 300 ppb Au. The most anomalous soil found just south of Nehalliston Creek contained 636 ppb Au, 9.8 ppm Ag and 313 ppm Cu. It is part of a three soil sample anomaly at the east end of a line. There are no reported mineral occurrences in this area.*

*Prospecting by the author (Gruenwald) in the western property area continued to yield additional mineralized, felsic intrusive float with a morphology (angular, subangular) that suggests a proximal source(s). Highlights included GW10-02 (1.46 g/t Au, 21.8 g/t Ag), GW10-03 (3.31 g/t Au, 10.0 g/t Ag), and GW10-04 (4.05 g /t Au, 91.2 g /t Ag). As with most other float samples the concentrations of base metals and arsenic, bismuth and antimony are very low. A second area of interest was in the newly logged area north of Nehalliston Creek where several skarn  $\pm$  sulphide float occurrences were discovered. The most significant sample (G10-03) found along a new logging road was a very rusty 20x30 cm subangular sulphide bearing boulder of diopside-actinolite garnet skarn. This sample assayed 258 ppb Au and 2254 ppm copper, 1071 ppm lead and 2936 ppm zinc. The occasional outcroppings in the area bear no resemblance to any of the rusty weathering float thus indicating this float was transported from an area possibly north-easterly of their location (i.e. average of ice direction vectors).*

## 4.0 GEOLOGY

Gruenwald (2012) also presented an excellent summary of the regional and local geology, which is copied below, with minor changes by the author shown by (parenthesis):

### 4.1 Regional Geology

*The (G2) property is situated within an area straddling the contact between the Intermontane Belt to the west and the Omineca Belt to the east. The former comprises upper Paleozoic to lower Mesozoic volcanic, plutonic and sedimentary rocks of the Quesnel Terrane and Paleozoic to Mesozoic sedimentary and lesser volcanics of the Cache Creek Terrane. The Omineca Belt comprises upper Paleozoic volcanic, sedimentary and intrusive rocks of the Kootenay Terrane. Granitic rocks of Jurassic-Cretaceous age have intruded the Kootenay, Slide Mountain and Quesnel Terranes. Regionally the intrusives include the Raft, Thuya, and Takomkane Batholiths. The youngest rocks in the region are flat to gently dipping Tertiary volcanic rocks and minor sediments. The North Thompson River fault is the dominant regional structure.*

*The (G2) property is situated within a highly variable sequence of alkaline volcanics, sediments and intrusive rocks in the southern part of the Quesnel Trough. This structurally complex assemblage forms a north-northwesterly trending belt extending over 1,000 km from the US border to well north of Prince George. A similar rock assemblage forms a westerly trending arc shaped belt that extends to Nova Gold's Galore Creek deposit.*

### 4.2 Local Geology

*BC Geological Survey mapping (Schiarizza et al., 2002) indicate several lithologic units on the property. The eastern third of the property is underlain by an elongate north-northwest trending belt of late Triassic Nicola Group volcanoclastic rocks consisting of volcanic sandstone, siltstone, conglomerate, volcanic breccias, tuff, basalt, chert and limestone. These are separated near the middle of the property by sedimentary rocks of the Nicola Group Meridian Lake succession comprised of siltstone, argillite, slate, sandstone, conglomerate and limestone. A prominent limestone unit occurs as steeply dipping and northwest-striking 40 metre horizon along Highway 24. An upstream traverse by the author (Gruenwald) along the Nehalliston Creek from UTM 687800E encountered Nicola volcanics and a 15m+ bed of steeply west dipping carbonate thought to be the extension of the Cedar Skarn host lithology.*

*The northern end of the Thuya Batholith of late Triassic or early Jurassic age (EJgd) is mapped just west of the property. This large intrusion (2000 km<sup>2</sup>) is composed of diorite, granodiorite, monzonite and gabbro. A number of probable satellitic intermediate to mafic intrusions are mapped in the region around the Thuya Batholith. The western half of the (G2) Property overlies a northwest trending body of late Triassic – early Jurassic diorite, microdiorite and gabbro, with local clinopyroxenite and intrusion breccias. These intrusive rocks are sometimes referred to as the Dum Lake intrusions (TJd). An ultramafic body that predates the Thuya Batholith several kilometres southeast of the property (not shown) may be related to deep-seated regional faults.*

*Between the (G2) property and Deer Lake to the northwest the geology consists of Dum Lake intrusives and Nicola Group rocks. The latter are mapped as a northwest trending assemblage of intercalated andesite, limestone, siltstone, argillite and tuff that locally host skarns and elongate, concordant (?) zones of silicified calc-silicate. The latter are proximal to small bodies of hornblende granodiorite and pyroxene diorite that likely part of the TJd unit.*

*Property bedrock exposures are uncommon due to widespread till. Rocks in the western part of the property consist of dioritic rocks with gabbroic phases. Further easterly the lithologies include volcanics and limey sediments. This diversity is evident in the four drill holes that tested skarn zones (on the eastern margin of the G2 claims) where drill logs describe altered volcanic and intrusive rocks, silicified zones, garnet-wollastonite and marble.*

*Alteration is pervasive in the intrusive rocks and most commonly seen as epidote and chlorite the latter due to alteration of mafic minerals (hornblende, pyroxene). The felsic intrusive float boulders reveal a suite of alteration including silicification, carbonate (ankeritic), secondary albite, along with hematite and jarosite.*

### **Structural Geology**

*The Nicola Group rocks have been deformed such that they often dip south-westerly. The region and immediate area of the property is transected by several north-northwesterly trending faults related to the North Thompson River fault system. An inferred fault is mapped as separating the volcanoclastic rocks from the sedimentary Nicola rocks and the western intrusive units.*

## 5.0 MINERALIZATION

The G2 property covers a significant portion of the former G Claims described by Gruenwald, 2012. As such his description of the known mineralization is derived verbatim from his report, with minor changes shown by (parenthesis).

*The region hosts several types of mineral occurrences including gold skarn (Lakeview-Deer Lake), porphyry molybdenum (Crazy Fox, Anticlimax), and vein ("G" occurrence). Recently, gold bearing chalcopyrite-magnetite skarn mineralization and auriferous intrusive float was discovered near Deer Lake approximately seven kilometres northwest of the G property. The Deer Lake property is owned by Electrum Resource Corp.*

### 5.1 Property Mineralization

*The G property is host to four mineral occurrences representing three types of mineralization namely garnet-wollastonite skarn, veins and intrusion hosted gold-silver.*

*The mineral occurrences are described as follows:*

*The earliest documented occurrence was the **Cedar skarn** (Minfile 092P 026) exposed during the construction of Highway 24. This occurrence is described thus: "Two sulphide zones, each approximately 1 metre in width, occur within a silicified andesite unit on the footwall side of the large fault structure. The sulphides consist of pyrite, pyrrhotite and chalcopyrite and can make up to 35% of the material in some 1 metre widths within the zones. The sulphides exist as penetrating veins and lenses and disseminations within the andesite. The andesite is silicified but apart from narrow quartz veinlets, major quartz veining is absent. Mineralization was not present in the hanging wall limestone chert unit in the road cut area but some hand dug pits revealed minor chalcopyrite within this unit underlying a soil geochemical anomaly south of the new road cut. Chalcopyrite mineralization also occurs in skarnified zones north of the Nehalliston Creek canyon. It is apparent that the mineralization is associated with the fault system over a strike length of some 4 to 5 kilometres and that massive sulphides occur in the structure".*

*A garnet-wollastonite skarn zone 0.5 kilometres southwest of the Cedar skarn is another property mineral occurrence. Here garnet has been traced as float and outcroppings over several hundred metres south of Highway 24. Drilling in 2000 intersected a "skarnified" assemblage of volcanic and intrusive rocks containing zones of garnet and wollastonite several metres wide. Gold and sulphide mineralization in core and surface samples suggest metallic mineral potential. This mineralization does not appear to be related to the Cedar skarn showing.*

*Quartz veins are documented in two areas of the property. In the western portion of the property, along Highway 24, gold mineralization at the "**G**" **occurrence** (Minfile 092P 103) consists of fracture controlled quartz-calcite veinlets within dioritic rocks. Veinlets range from hairline to three centimetres wide. Minor amounts of pyrite and galena are evident associated with chloride/epidote alteration and local brecciation. Rock sampling by Esso Minerals along the southern Highway 24 road cut yielded a 3.0 metre interval grading 3.15 g/t Au within a 14 metre interval containing 0.9 g/t Au. This mineralization was not traced beyond the highway exposure.*

*During the Esso Minerals program quartz veins known as the **Cedar Sheeted veins** (Minfile 092P 172) were discovered in Nehalliston Creek 500 metres northeast of the Discovery showing. These veins are described by K. Dom (1989) thus: "The exposure consists of a series of six, sub-parallel, milky-white, quartz veins trending 010° and dipping 50° westward. These veins pinch and swell average 20 cm wide and are exposed over a 25 m<sup>2</sup> moss covered bank. Up to 2% pyrite and traces of galena are present. The*

host rock is fine-grained, micro-porphyritic and is probably related to the late, more felsic intrusive pulse”.

**The fourth and probably the most important mineral occurrence is associated with gold-silver mineralized float boulders (G Boulder Train; Figure 3) that were discovered <300 metres south of the “G” occurrence. Angular to subangular mineralized float boulders have been traced on surface and in test pits over a north-south extent of 520 metres (Photo 1). Several excavated float boulders measured 1.25 metres across and a 2.5 metre boulder was found along a soil line further south. Many boulders exhibit limonitic weathering, ankeritic carbonate alteration, bleaching, variable silicification and local quartz stockwork veining. Disseminated, limonite coated pyrite (2-5%) and hematite is often present.**

Mineralized float often resembles altered, “felsic” intrusive rock that strongly contrasts the underlying coarse grained and more mafic intrusive rocks. Breccia textures observed in some float also suggests a tectonic component associated with the source lithology. These float boulders represent an as yet undiscovered source(s) on or around the G property. The closest similar bedrock occurrence is a small felsic “plug” approximately 3.5 km southerly and “down-ice” of the G property. Interestingly this intrusive was explored by Mr. Wolanski who discovered quartz veinlets containing minor galena and up to 30 g/t gold. It is conceivable that intrusive plugs and dikes emplaced along one of the major faults in the area may be the potential source of the mineralized float.



**Figure 3. “G Boulder Train”. Test Pit TP-7 Boulders (after Gruenwald, 2012)**

## 6.0 2015 EXPLORATION PROGRAM

Work in 2015 included a day of road prospecting and geological examination of the garnet-wollastonite skarn occurrences (May 24), and the collection of 96 soil samples and one rock sample (October 27-30, 2015).

A total of 96 soil samples (samples G1 to G96) were collected at a depth of 20 to 40 cm from the B or C horizon, and generally at a 50 m spacing along road cuts. Soil lines were laid out to extend coverage into areas not sampled by previous workers, particularly to the south and west of the G boulder occurrences. A single rock sample (G56-rock) was collected at the same site at a soil sample (G56).

Samples were delivered to the Actlabs facility in Kamloops, BC. Soil samples were dried at 60 degrees centigrade, and then sieved to -80 mesh (Method S1). Each sample was assayed by 30 gram fire assay with atomic absorption finish for gold (Method 1A2), and a multi-element suite of elements by aqua regia ICP (Method 1E3).

The single rock sample was pulverized and then analyzed by the same analytical methods.

Merged sample descriptions and analytical results are presented in tabular form in Appendix 1.

The laboratory certificate is included in Appendix 2.

Sample locations are shown on Figure 4, and values for gold and copper are plotted as graduated symbol plots as Figures 5 and 6 respectively.

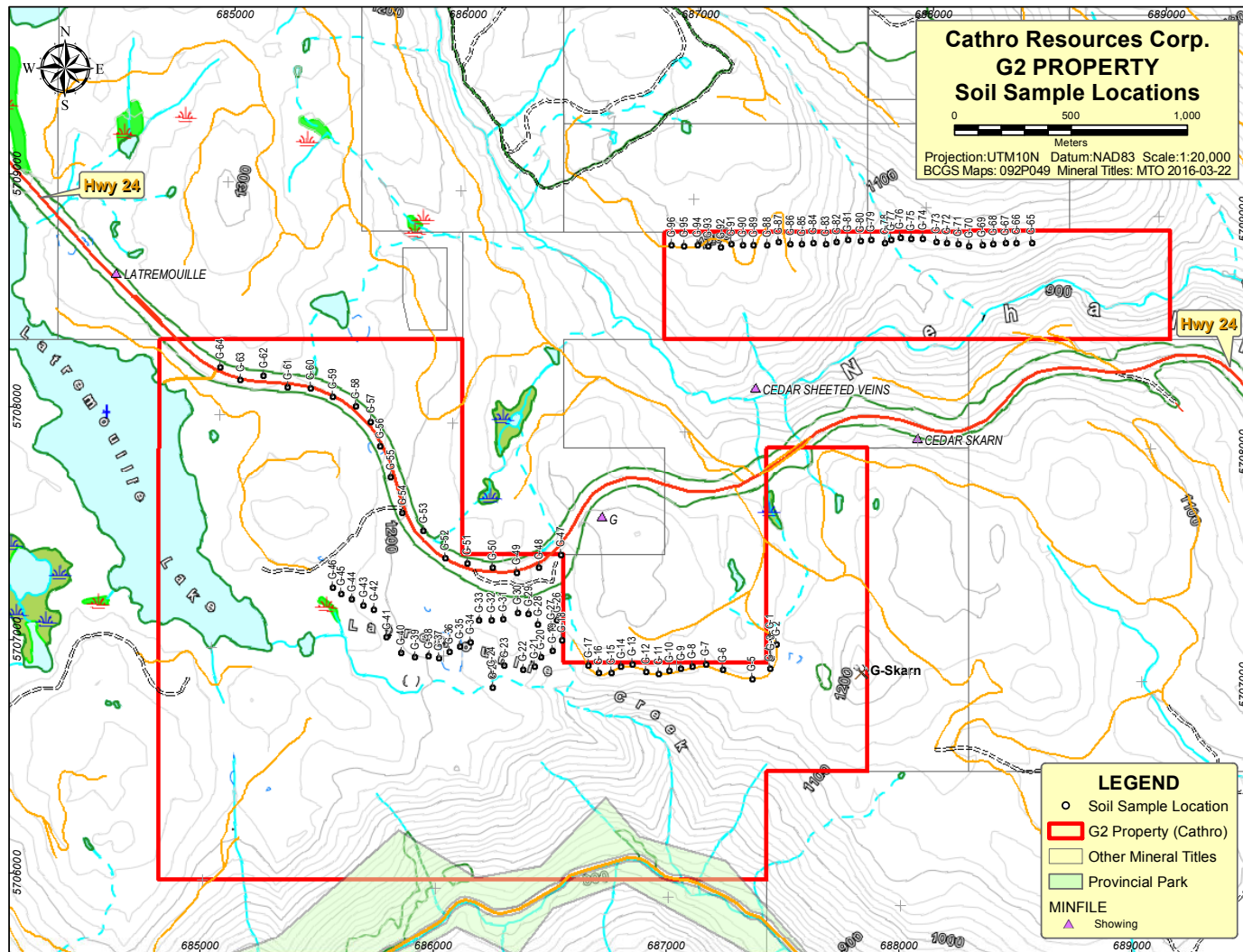


Figure 4. Soil Sample Location Map.



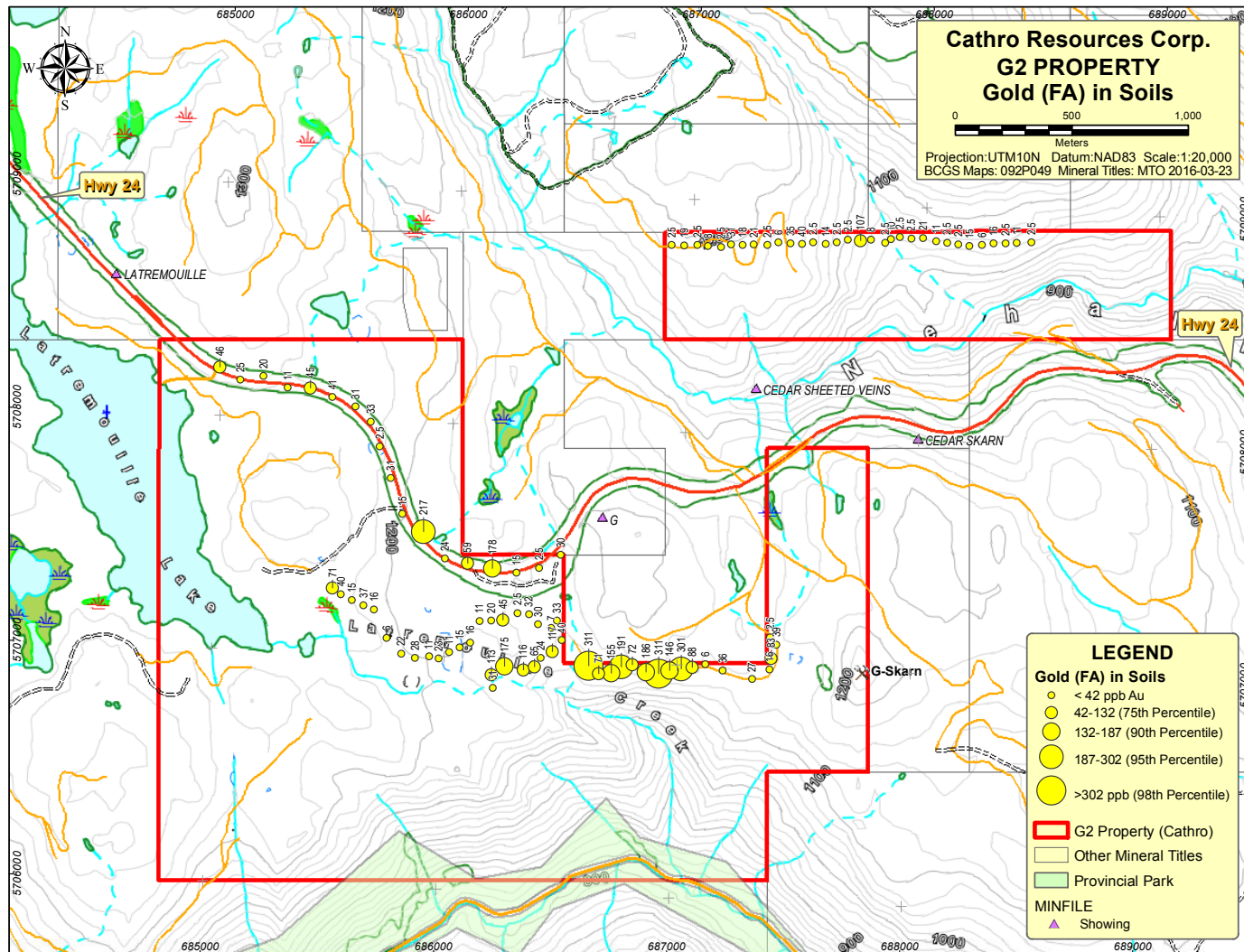


Figure 5. Gold in Soils.

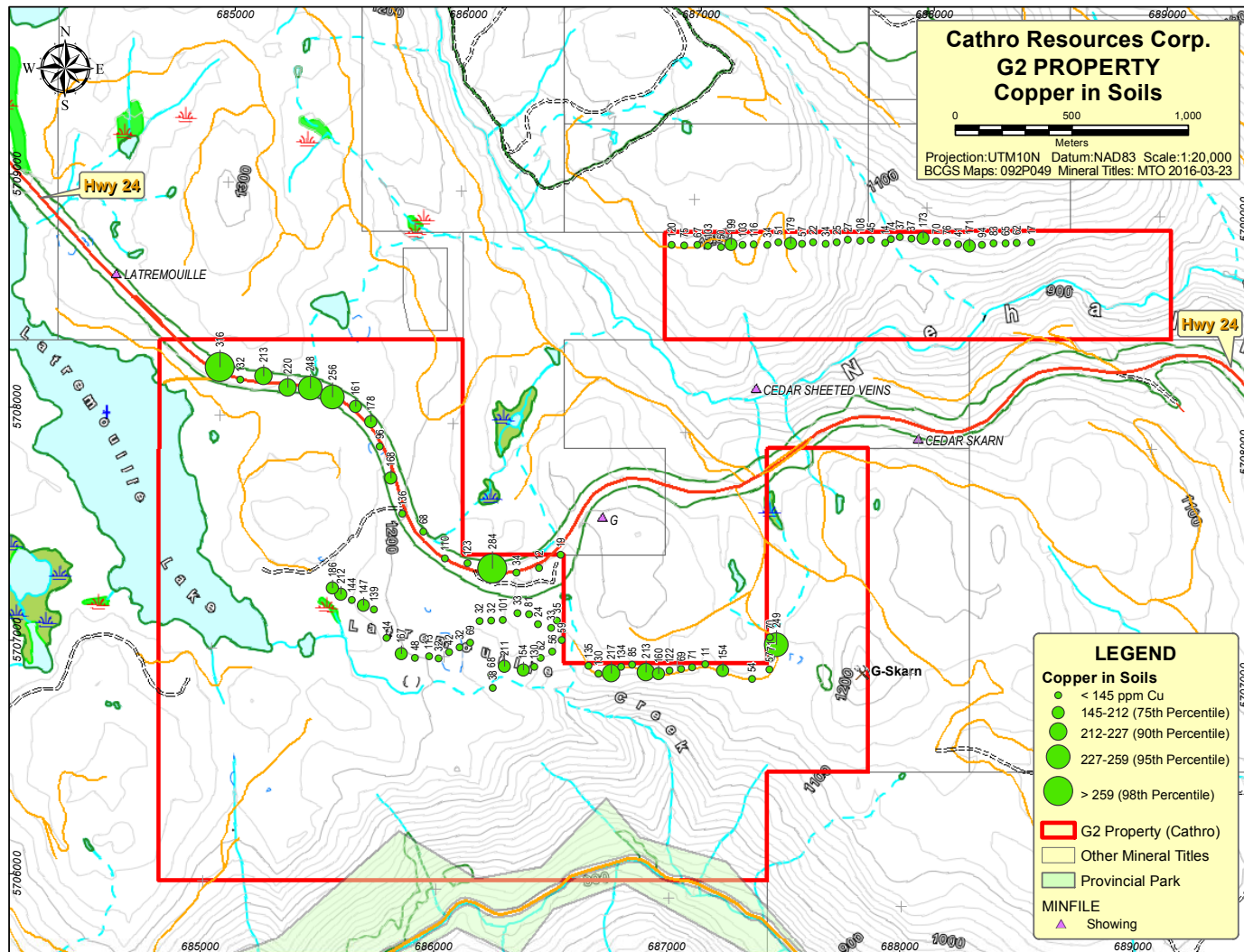


Figure 6. Copper in Soils.

## 7.0 RESULTS

Simple statistics were applied to the soil geochemical data to determine the 98<sup>th</sup>, 95<sup>th</sup>, 90<sup>th</sup>, and 75<sup>th</sup> percentiles (Appendix 1; Table 2). Maximum values for Au and Cu are 311 ppb and 316 ppm respectively. Ag values appear to correlate fairly well with Au as would be expected (Appendix 1). Other elements, e.g. Mo, Zn, do not exhibit good clustering with Au and Cu.

**Table 2: Percentile statistics for Au and Cu in soil samples.**

Percentile	98 <sup>th</sup>	95 <sup>th</sup>	90 <sup>th</sup>	75 <sup>th</sup>
Au (ppb)	302	187	132	42
Cu (ppm)	259	227	212	145

A strong cluster of anomalous gold values (311, 311, 301 ppb etc.) is located in the centre of the north margin of the main G2 block (Figure 5), directly south of the known boulder and soil anomaly identified by previous workers. Moderately anomalous Cu values (249, 217 and 213 Cu) are also present in this area.

A second cluster of high gold values is located along the highway to the west (217, 178 and 59 ppb), with one high Cu value (284 ppm). Gold values are only weakly anomalous in this area (maximum 46 and 45 ppb Au)

Several high Cu values are clustered together at the end of the line in the NW corner of the main claim block (316, 256, 220, 218, 213 ppm Cu).

A third anomaly is present along a logging road to the west (175 and 116 ppb) with moderately anomalous Cu (211 and 154 ppm).

A single high Au value (107 ppb) is located in the centre of the line on the G3 (northeast) claim block.

The single rock sample did not contain any interesting values.

## **8.0 CONCLUSIONS AND RECOMMENDATIONS**

Garnet and wollastonite mineralization was examined in outcrop.

Soil lines were laid out to extend coverage into areas not sampled by previous workers.

Several coincident Au-Cu soil anomalies were identified to the south and west of the G boulder occurrence (Au-Ag-Cu).

Additional soil sampling and prospecting should be completed to the east, west and south of the G boulder train.

**9.0 EXPENDITURES**

**Personnel**

Mike Cathro, Geologist (May 24, 1 day @ \$800)..... \$800.00  
Callum Cathro, Sampler (October 27 to 30<sup>th</sup>, 31 hrs @ \$25/hr..... \$775.00

**Mileage**

May 24, 269 km @ \$0.55/km ..... \$147.95  
October 27-30<sup>th</sup>, 1105 km @ \$0.55/km..... \$607.75

**Field supplies and equipment rental**

Sample bags, rice bags, flagging, GPS, radio, chainsaw ..... \$133.67

**Analytical**

Actlabs Kamloops, 96 soils and 1 rock ..... \$1560.00

**Report and Drafting**

Mike Cathro, 1.5 days @ \$800 ..... \$1200.00

**TOTAL ..... \$5224.37**

## 10.0 AUTHORS CERTIFICATE

I, Michael S. Cathro, of 2560 Telford Place, Kamloops, BC, hereby certify that:

- I have been a registered professional geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC) since 1992 (Reg.# 19093).
- I am a graduate of Queens University, Kingston, Ontario with a B.Sc (Honours) in Geological Sciences (1984), and a graduate of the Colorado School of Mines, Golden, Colorado with a M.Sc. in Geology (1992). My Master's thesis topic was the Geology and Mineral Deposits of the Ketz River District, Yukon Territory.
- I am presently employed as a consulting geologist, President of Cathro Resources Corp., Kamloops, BC, and Vice-President of Operations for Skeena Resources Limited. In addition, I serve as a Director of Happy Creek Minerals Ltd. and Chairman of Geoscience BC.
- I have been working as a professional geologist in mineral exploration, exploration management, geological research, and administration of mine and exploration permitting and compliance on a semi-continuous basis since 1984. In addition, during the summers between 1980 and 1983, I worked as a field assistant on metals exploration projects in Yukon and northern British Columbia.
- My career has given me experience in precious and base metal, industrial minerals, uranium, coal, tantalum-niobium, and rare earth element exploration primarily in British Columbia, Yukon, Western USA, Australia and the southwest Pacific.
- I have published numerous research papers and made presentations on the geology of porphyry copper-gold-molybdenum, epithermal gold, and intrusion related gold deposits, and exploration topics, primarily in British Columbia.



Michael S. Cathro, M.Sc., P.Geo.  
March 28, 2016

## 11.0 REFERENCES

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**Appendix 1**  
**Sample Descriptions and Analytical Results**

## G2 Property, Little Fort area, British Columbia

Name	Date	NAD83Zone	Easting	Northing	Sample type	Depth	Horizon
G-56 rock	15-Oct-29	10U	685691	5707889	Rock	ty - same location as soil G-	
G1	15-Oct-27	10U	687395	5707131	Soil	30	b-c
G2	15-Oct-27	10U	687424	5707101	Soil	40	c
G3	15-Oct-27	10U	687404	5707041	Soil	40	c
G4	15-Oct-27	10U	687399	5706994	Soil	30	c
G5	15-Oct-27	10U	687324	5706949	Soil	20	b
G6	15-Oct-27	10U	687197	5706982	Soil	20	b
G7	15-Oct-27	10U	687123	5707005	Soil	20	b
G8	15-Oct-27	10U	687065	5706991	Soil	20	b
G9	15-Oct-27	10U	687018	5706981	Soil	20	b
G10	15-Oct-27	10U	686969	5706973	Soil	15	c
G11	15-Oct-27	10U	686923	5706957	Soil	20	c
G12	15-Oct-27	10U	686869	5706962	Soil	40	b
G13	15-Oct-27	10U	686808	5706992	Soil	15	c
G14	15-Oct-27	10U	686762	5706981	Soil	20	b
G15	15-Oct-27	10U	686719	5706953	Soil	20	b
G16	15-Oct-27	10U	686666	5706949	Soil	15	c
G17	15-Oct-27	10U	686622	5706981	Soil	20	b
G18	15-Oct-27	10U	686503	5707086	Soil	20	b
G19	15-Oct-27	10U	686463	5707036	Soil	30	c
G20	15-Oct-27	10U	686415	5707008	Soil	20	b
G21	15-Oct-27	10U	686389	5706968	Soil	20	b
G22	15-Oct-27	10U	686341	5706952	Soil	20	b
G23	15-Oct-27	10U	686260	5706966	Soil	20	b
G24	15-Oct-27	10U	686205	5706926	Soil	20	b
G25	15-Oct-27	10U	686214	5706870	Soil	20	b
G26	15-Oct-28	10U	686478	5707170	Soil	20	b
G27	15-Oct-28	10U	686454	5707138	Soil	20	b
G28	15-Oct-28	10U	686399	5707150	Soil	20	b
G29	15-Oct-28	10U	686357	5707192	Soil	20	b
G30	15-Oct-30	10U	686308	5707196	Soil	20	b
G31	15-Oct-27	10U	686246	5707164	Soil	20	b
G32	15-Oct-27	10U	686197	5707159	Soil	20	b
G33	15-Oct-28	10U	686146	5707156	Soil	20	b
G34	15-Oct-28	10U	686111	5707061	Soil	20	b
G35	15-Oct-28	10U	686065	5707040	Soil	20	b
G36	15-Oct-28	10U	686022	5707017	Soil	20	b

## G2 Property, Little Fort area, British Columbia

Name	Date	NAD83Zone	Easting	Northing	Sample type	Depth	Horizon
G37	15-Oct-28	10U	685977	5706988	Soil	20	b
G38	15-Oct-28	10U	685935	5706995	Soil	20	b
G39	15-Oct-28	10U	685876	5706988	Soil	20	b
G40	15-Oct-28	10U	685815	5707003	Soil	20	b
G41	15-Oct-28	10U	685750	5707069	Soil	20	b
G42	15-Oct-28	10U	685692	5707188	Soil	20	b
G43	15-Oct-28	10U	685646	5707204	Soil	20	b
G44	15-Oct-28	10U	685595	5707226	Soil	20	b
G45	15-Oct-28	10U	685548	5707249	Soil	20	b
G46	15-Oct-28	10U	685511	5707274	Soil	20	b
G47	15-Oct-29	10U	686485	5707452	Soil	30	b
G48	15-Oct-29	10U	686393	5707393	Soil	50	a/b
G49	15-Oct-29	10U	686298	5707368	Soil	30	b
G50	15-Oct-29	10U	686193	5707384	Soil	20	b
G51	15-Oct-29	10U	686085	5707401	Soil	30	b
G52	15-Oct-29	10U	685989	5707418	Soil	40	c
G53	15-Oct-29	10U	685891	5707530	Soil	20	b
G54	15-Oct-29	10U	685798	5707604	Soil	30	b
G55	15-Oct-29	10U	685744	5707756	Soil	20	b
G56	15-Oct-29	10U	685691	5707889	Soil	20	b
G57	15-Oct-29	10U	685648	5707993	Soil	20	b
G58	15-Oct-29	10U	685581	5708057	Soil	30	b
G59	15-Oct-29	10U	685480	5708094	Soil	0	b
G60	15-Oct-29	10U	685384	5708128	Soil	30	c
G61	15-Oct-29	10U	685287	5708127	Soil	20	b/a
G62	15-Oct-29	10U	685181	5708173	Soil	20	b
G63	15-Oct-29	10U	685082	5708152	Soil	20	b
G64	15-Oct-29	10U	684993	5708205	Soil	30	b
G65	15-Oct-29	10U	688455	5708867	Soil	40-50	c
G66	15-Oct-30	10U	688391	5708862	Soil	30	c
G67	15-Oct-30	10U	688344	5708859	Soil	30	c
G68	15-Oct-30	10U	688292	5708856	Soil	30	c
G69	15-Oct-30	10U	688243	5708847	Soil	40	c
G70	15-Oct-30	10U	688188	5708842	Soil	30	b
G71	15-Oct-30	10U	688141	5708847	Soil	30	b
G72	15-Oct-30	10U	688092	5708852	Soil	30	b
G73	15-Oct-30	10U	688045	5708856	Soil	20	b
G74	15-Oct-30	10U	687988	5708867	Soil	20	b

## G2 Property, Little Fort area, British Columbia

Name	Date	NAD83Zone	Easting	Northing	Sample type	Depth	Horizon
G75	15-Oct-30	10U	687938	5708863	Soil	30	b
G76	15-Oct-30	10U	687890	5708868	Soil	20	b
G77	15-Oct-30	10U	687852	5708858	Soil	20	b
G78	15-Oct-30	10U	687826	5708842	Soil	20	b
G79	15-Oct-30	10U	687766	5708854	Soil	20	b
G80	15-Oct-30	10U	687720	5708847	Soil	20	b
G81	15-Oct-30	10U	687666	5708849	Soil	30	c
G82	15-Oct-30	10U	687619	5708837	Soil	40	c
G83	15-Oct-30	10U	687572	5708828	Soil	20	b
G84	15-Oct-30	10U	687518	5708832	Soil	30	c
G85	15-Oct-30	10U	687471	5708824	Soil	20	b
G86	15-Oct-30	10U	687420	5708824	Soil	15	b
G87	15-Oct-30	10U	687369	5708828	Soil	15	b
G88	15-Oct-30	10U	687321	5708815	Soil	20	b
G89	15-Oct-30	10U	687263	5708813	Soil	30	c
G90	15-Oct-30	10U	687216	5708810	Soil	20	b
G91	15-Oct-30	10U	687167	5708811	Soil	15	b
G92	15-Oct-30	10U	687124	5708798	Soil	40	c
G93	15-Oct-30	10U	687068	5708800	Soil	30	c
G94	15-Oct-30	10U	687021	5708802	Soil	20	b
G95	15-Oct-30	10U	686966	5708798	Soil	30	b
G96	15-Oct-30	10U	686911	5708799	Soil	20	b

**G2 Property**

Name	Colour	Texture	Comments	Au	Ag	Cd
				ppb	ppm	ppm
				5	0.2	0.5
				FA-AA	AR-ICP	AR-ICP
G-56 rock -56				< 5	< 0.2	< 0.5
G1	tan	si-sa	rocky	< 5	0.5	< 0.5
G2	greenish-tan	si		39	0.3	< 0.5
G3	br	peb-sa	rocky-on bedrock	83	< 0.2	< 0.5
G4	beige	sa		16	< 0.2	< 0.5
G5	br	fine sa	mostly flat	27	< 0.2	< 0.5
G6	br	fine sa		36	0.9	0.8
G7	br	clay		6	0.5	< 0.5
G8	tan	sa		88	0.3	< 0.5
G9	tan	sa		301	0.2	< 0.5
G10	brown	big sa		146	1.2	< 0.5
G11	tan	fine sa		311	0.4	< 0.5
G12	brown	sa	rocky	186	3.1	0.7
G13	tan	sa		72	0.6	< 0.5
G14	grey	si		191	2.2	< 0.5
G15	grey	si		155	1.9	< 0.5
G16	grey	si	rocky-on bedrock	71	0.4	< 0.5
G17	tan	si		311	2.7	0.6
G18	tan	sa		40	0.3	< 0.5
G19	grey	sa		117	0.3	< 0.5
G20	orange	si		24	0.3	< 0.5
G21	brown	si		65	0.3	< 0.5
G22	brown	si		116	< 0.2	< 0.5
G23	brown	si		175	0.3	< 0.5
G24	brown	si		113	0.4	< 0.5
G25	brown	si		31	0.3	< 0.5
G26	brown	si		33	0.3	< 0.5
G27	brown	si		7	0.8	< 0.5
G28	brown	si		30	0.3	< 0.5
G29	brown	si		32	0.2	< 0.5
G30	brown	si		< 5	0.9	< 0.5
G31	brown	si		45	0.3	< 0.5
G32	brown	si		20	0.7	< 0.5
G33	brown	si		11	0.6	< 0.5
G34	brown	si		16	< 0.2	< 0.5
G35	brown	si		15	0.4	0.5
G36	brown	si		11	0.3	< 0.5

**G2 Property**

Name	Colour	Texture	Comments	Au	Ag	Cd
				ppb	ppm	ppm
				5	0.2	0.5
				FA-AA	AR-ICP	AR-ICP
G37	brown	si		23	0.7	< 0.5
G38	brown	si		11	0.3	0.5
G39	brown	si		28	0.4	< 0.5
G40	brown	si		22	0.7	< 0.5
G41	brown	si		6	0.3	< 0.5
G42	brown	si		16	0.3	< 0.5
G43	brown	si		37	< 0.2	0.6
G44	brown	si		15	0.3	< 0.5
G45	brown	si		40	< 0.2	< 0.5
G46	grey	sa		71	0.2	< 0.5
G47	orange	fine sa		30	0.7	< 0.5
G48	black	silt	near pond/swamp	< 5	2	< 0.5
G49	grey	sa		15	< 0.2	< 0.5
G50	grey	sa		178	1.3	< 0.5
G51	grey	sa		59	0.4	< 0.5
G52	grey-orange	sa		24	0.2	< 0.5
G53	brown	silt		217	0.4	< 0.5
G54	grey	clay		15	< 0.2	< 0.5
G55	brown	silt		31	0.5	< 0.5
G56	brown	silt		< 5	0.6	< 0.5
G57	grey	sa		33	< 0.2	< 0.5
G58	grey	sa		31	< 0.2	< 0.5
G59	grey	sa		41	< 0.2	0.6
G60	brown	sa		45	0.5	0.6
G61	black	silt	rooty-bad digging	11	1.2	< 0.5
G62	white	fine sa		20	< 0.2	< 0.5
G63	grey	sa		25	0.2	< 0.5
G64	tan	sa		46	0.3	< 0.5
G65	white	clay	rocky, little soil	< 5	< 0.2	< 0.5
G66	brown			11	< 0.2	< 0.5
G67	brown	sa		< 5	< 0.2	< 0.5
G68	tan	fine sa		16	< 0.2	< 0.5
G69	brown	cl		6	0.2	< 0.5
G70	brown	sa		15	0.2	< 0.5
G71	tan	silt		< 5	< 0.2	< 0.5
G72	tan	silt		< 5	0.2	< 0.5
G73	tan	silt		11	0.3	< 0.5
G74	tan	silt		21	0.5	0.9

**G2 Property**

Name	Colour	Texture	Comments	Au	Ag	Cd
				ppb	ppm	ppm
				5	0.2	0.5
				FA-AA	AR-ICP	AR-ICP
G75	brown	silt		< 5	0.3	< 0.5
G76	orange	silt		< 5	0.4	< 0.5
G77	grey	silt	beside Cr	10	< 0.2	0.6
G78	brown	silt		< 5	< 0.2	0.6
G79	grey	silt		8	0.3	0.5
G80	brown	silt		107	0.6	0.8
G81	grey	silt		< 5	< 0.2	0.6
G82	brown	silt		< 5	0.2	< 0.5
G83	brown	silt		14	< 0.2	< 0.5
G84	brown	silt		< 5	0.5	1
G85	brown	silt		40	0.8	1.3
G86	tan	silt		35	0.5	0.7
G87	tan	silt		6	0.3	1.1
G88	brown	silt		< 5	0.3	0.6
G89	tan	silt		21	< 0.2	< 0.5
G90	brown	silt		18	0.3	0.6
G91	brown	silt		31	< 0.2	< 0.5
G92	brown	silt		< 5	0.3	0.6
G93	brown	silt		8	< 0.2	0.8
G94	dr brown	silt		< 5	0.4	0.6
G95	black	silt		19	0.7	< 0.5
G96	brown	silt		25	0.9	0.6
				302	2.25	1.01
				187.25	1.45	0.8
				131.5	0.9	0.6
				42	0.5	0.3125

G2 Property Name	Cu	Mn	Mo	Ni	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm
	1	5	1	1	2	2
AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-56 rock	12	512	< 1	24	< 2	56
G1	70	562	< 1	22	7	104
G2	249	1170	2	29	8	65
G3	71	663	3	23	4	46
G4	57	570	< 1	22	4	57
G5	54	610	< 1	23	5	62
G6	154	1140	2	36	21	187
G7	11	529	< 1	13	6	78
G8	71	945	1	23	5	53
G9	69	400	1	15	3	37
G10	122	944	1	18	5	43
G11	160	1130	2	22	4	55
G12	213	1170	2	33	13	65
G13	85	744	2	17	4	53
G14	134	740	3	14	3	34
G15	217	974	12	19	7	50
G16	130	976	3	25	4	69
G17	135	745	1	22	11	65
G18	59	722	< 1	24	4	61
G19	56	717	< 1	20	4	59
G20	82	650	< 1	23	4	75
G21	130	859	< 1	17	3	55
G22	154	944	< 1	21	2	55
G23	211	1010	1	18	9	55
G24	68	777	< 1	24	4	88
G25	38	581	< 1	19	4	79
G26	35	643	< 1	31	2	88
G27	33	635	< 1	17	8	80
G28	24	736	< 1	14	7	73
G29	81	699	< 1	23	3	58
G30	33	678	< 1	21	6	98
G31	101	721	< 1	23	8	66
G32	32	462	< 1	26	6	91
G33	32	627	< 1	18	4	73
G34	69	561	< 1	24	4	65
G35	32	765	< 1	13	8	113
G36	42	561	< 1	20	6	87



G2 Property Name	Cu	Mn	Mo	Ni	Pb	Zn
	ppm	ppm	ppm	ppm	ppm	ppm
	1	5	1	1	2	2
	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G37	32	500	1	21	7	94
G38	113	717	< 1	33	11	103
G39	48	455	< 1	43	4	80
G40	167	488	< 1	47	6	62
G41	14	373	< 1	5	5	36
G42	139	586	< 1	28	4	70
G43	147	698	< 1	24	3	55
G44	144	655	< 1	29	4	71
G45	212	657	< 1	28	4	63
G46	186	734	< 1	31	4	70
G47	19	511	< 1	19	9	76
G48	12	22	11	1	4	6
G49	34	462	< 1	22	3	49
G50	284	1120	< 1	29	18	73
G51	123	895	1	25	4	62
G52	110	827	< 1	25	13	63
G53	68	609	< 1	21	6	60
G54	136	1030	< 1	38	5	71
G55	168	792	< 1	28	10	115
G56	96	549	< 1	15	9	69
G57	178	684	2	18	6	50
G58	161	677	1	21	9	72
G59	256	1150	1	25	74	215
G60	248	1000	2	30	41	211
G61	220	368	7	26	6	58
G62	213	568	< 1	46	8	57
G63	132	688	< 1	47	16	70
G64	316	1030	1	37	8	59
G65	17	586	2	13	6	91
G66	62	587	< 1	45	7	124
G67	65	474	< 1	53	6	135
G68	83	497	< 1	55	5	106
G69	94	629	< 1	47	6	104
G70	171	674	1	58	7	96
G71	41	363	< 1	41	6	125
G72	76	490	< 1	50	6	96
G73	70	415	1	63	6	106
G74	173	765	1	60	8	88

G2 Property Name	Cu ppm 1 AR-ICP	Mn ppm 5 AR-ICP	Mo ppm 1 AR-ICP	Ni ppm 1 AR-ICP	Pb ppm 2 AR-ICP	Zn ppm 2 AR-ICP
	G75	37	828	< 1	35	7
G76	37	629	< 1	33	10	127
G77	74	652	< 1	43	10	82
G78	14	264	< 1	8	5	48
G79	45	751	< 1	27	14	142
G80	108	875	1	39	15	185
G81	27	547	< 1	34	21	187
G82	25	562	< 1	23	25	202
G83	34	576	< 1	19	26	214
G84	22	737	< 1	29	28	348
G85	57	450	< 1	46	47	666
G86	179	577	< 1	41	24	206
G87	51	743	< 1	27	20	184
G88	34	952	< 1	18	16	219
G89	116	690	< 1	41	18	142
G90	103	708	< 1	36	11	123
G91	199	735	< 1	53	10	105
G92	50	958	< 1	29	12	176
G93	103	900	< 1	32	12	143
G94	67	1360	< 1	18	10	109
G95	75	702	< 1	15	7	103
G96	120	897	< 1	24	9	171
	258.8	1170	7.4	58.2	41.6	231.9
	227	1132.5	3	53	25.25	211.75
	211.5	1005	2	46.5	19	186
	144.75	827.25	1	34.25	10	113.5

G2 Property Name	Al	As	B	Ba	Be	Bi
	PCT	ppm	ppm	ppm	ppm	ppm
	0.01	2	10	10	0.5	2
	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-56 rock	2.29	< 2	< 10	242	< 0.5	< 2
G1	2.4	5	< 10	113	< 0.5	< 2
G2	2.77	11	< 10	119	0.6	< 2
G3	2.09	4	< 10	64	< 0.5	< 2
G4	2.28	8	< 10	78	< 0.5	< 2
G5	2	5	< 10	94	< 0.5	< 2
G6	2.52	86	< 10	117	0.6	< 2
G7	2.39	< 2	< 10	171	< 0.5	< 2
G8	2.09	10	< 10	134	0.5	< 2
G9	1.55	5	< 10	72	< 0.5	< 2
G10	2.5	4	< 10	137	< 0.5	< 2
G11	2.69	9	< 10	118	< 0.5	< 2
G12	2.76	4	< 10	121	0.6	< 2
G13	2.31	6	< 10	92	< 0.5	< 2
G14	1.76	6	< 10	64	< 0.5	< 2
G15	2.6	8	< 10	68	< 0.5	< 2
G16	2.74	8	< 10	75	< 0.5	< 2
G17	3.1	< 2	< 10	60	< 0.5	2
G18	2.75	3	< 10	71	< 0.5	< 2
G19	2.68	8	< 10	51	< 0.5	< 2
G20	3.1	6	< 10	76	< 0.5	< 2
G21	2.26	< 2	< 10	66	< 0.5	2
G22	2.2	6	< 10	50	< 0.5	< 2
G23	2.29	2	< 10	47	< 0.5	< 2
G24	2.86	< 2	< 10	93	< 0.5	< 2
G25	2.75	5	< 10	99	< 0.5	< 2
G26	3.19	< 2	< 10	84	< 0.5	< 2
G27	3.52	< 2	< 10	133	0.6	< 2
G28	3.66	4	< 10	104	0.7	< 2
G29	2.93	3	< 10	77	< 0.5	< 2
G30	3.04	4	< 10	130	0.6	< 2
G31	2.92	3	< 10	86	< 0.5	< 2
G32	3.11	6	< 10	124	< 0.5	< 2
G33	2.77	< 2	< 10	101	< 0.5	< 2
G34	2.72	< 2	< 10	94	< 0.5	< 2
G35	2.14	< 2	< 10	124	< 0.5	< 2
G36	2.86	< 2	< 10	90	< 0.5	< 2

G2 Property Name	Al	As	B	Ba	Be	Bi
	PCT	ppm	ppm	ppm	ppm	ppm
	0.01	2	10	10	0.5	2
	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G37	2.74	3	< 10	100	< 0.5	< 2
G38	2.55	12	< 10	73	< 0.5	< 2
G39	3.3	2	< 10	110	< 0.5	< 2
G40	2.23	3	< 10	54	< 0.5	< 2
G41	0.57	< 2	< 10	54	< 0.5	< 2
G42	2.65	5	< 10	88	< 0.5	< 2
G43	2.26	5	< 10	52	< 0.5	< 2
G44	2.92	< 2	< 10	111	< 0.5	< 2
G45	2.85	< 2	< 10	79	< 0.5	< 2
G46	3.17	6	< 10	123	< 0.5	< 2
G47	1.87	4	< 10	96	< 0.5	< 2
G48	0.56	< 2	< 10	60	< 0.5	< 2
G49	2.16	3	< 10	73	< 0.5	< 2
G50	3.23	< 2	< 10	134	< 0.5	< 2
G51	2.68	4	< 10	75	< 0.5	< 2
G52	2.36	< 2	< 10	69	< 0.5	< 2
G53	2.17	< 2	< 10	84	< 0.5	< 2
G54	2.6	8	< 10	67	< 0.5	< 2
G55	2.89	4	< 10	98	0.6	< 2
G56	2.42	< 2	< 10	80	< 0.5	< 2
G57	1.75	6	< 10	52	< 0.5	< 2
G58	2.38	9	< 10	52	< 0.5	< 2
G59	2.38	8	< 10	75	< 0.5	< 2
G60	2.5	6	< 10	97	< 0.5	< 2
G61	1.51	4	< 10	66	< 0.5	< 2
G62	2.22	7	< 10	55	< 0.5	< 2
G63	2.24	6	< 10	80	< 0.5	< 2
G64	2.17	9	< 10	74	< 0.5	3
G65	0.8	6	< 10	106	< 0.5	< 2
G66	2.64	20	< 10	106	< 0.5	< 2
G67	3.09	10	< 10	111	0.6	< 2
G68	2.85	14	< 10	97	0.5	2
G69	2.34	14	< 10	91	< 0.5	< 2
G70	2.5	27	< 10	62	0.6	< 2
G71	2.56	9	< 10	105	< 0.5	< 2
G72	2.76	12	< 10	87	< 0.5	< 2
G73	2.48	17	< 10	65	0.5	< 2
G74	2.29	21	< 10	70	0.5	< 2

G2 Property	Al	As	B	Ba	Be	Bi
	PCT	ppm	ppm	ppm	ppm	ppm
Name	0.01	2	10	10	0.5	2
	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G75	2.3	9	< 10	136	< 0.5	< 2
G76	3.26	10	< 10	137	< 0.5	< 2
G77	1.99	17	< 10	71	< 0.5	< 2
G78	0.93	16	< 10	47	< 0.5	< 2
G79	1.86	14	< 10	115	< 0.5	< 2
G80	2.84	15	< 10	126	0.6	< 2
G81	2.1	20	< 10	60	< 0.5	< 2
G82	2.25	8	< 10	71	< 0.5	< 2
G83	2.4	14	< 10	78	< 0.5	< 2
G84	2.13	17	< 10	110	< 0.5	< 2
G85	3.02	22	< 10	95	0.6	< 2
G86	2.24	29	< 10	51	0.5	< 2
G87	2.64	32	< 10	99	< 0.5	< 2
G88	1.58	11	< 10	84	< 0.5	< 2
G89	2.61	19	< 10	63	< 0.5	3
G90	2.73	15	< 10	55	< 0.5	< 2
G91	2.86	19	< 10	80	0.5	< 2
G92	2.67	10	< 10	113	< 0.5	< 2
G93	2.65	4	< 10	93	< 0.5	< 2
G94	1.88	5	< 10	100	< 0.5	< 2
G95	1.44	7	< 10	92	< 0.5	< 2
G96	2.42	5	< 10	85	< 0.5	< 2
	3.322	29.3	5	137	0.6	2.1
	3.2	21.25	5	134	0.6	1.25
	3.095	18	5	124	0.6	1
	2.77	10.25	5	106	0.25	1

G2 Property Name	Ca	Co	Cr	Fe	Ga	Hg
	PCT	ppm	ppm	PCT	ppm	ppm
	0.01	1	1	0.01	10	1
	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-56 rock	0.26	9	70	3.4	< 10	< 1
G1	0.63	16	32	3.71	< 10	< 1
G2	1.29	28	38	6.29	< 10	< 1
G3	0.52	24	36	4.4	< 10	< 1
G4	0.69	17	36	4.16	< 10	< 1
G5	0.79	16	32	3.53	< 10	< 1
G6	1.34	25	47	5.45	< 10	4
G7	0.39	9	17	2.21	< 10	< 1
G8	0.88	20	40	4.38	< 10	< 1
G9	0.75	12	31	3.43	< 10	< 1
G10	1.28	21	28	5.01	< 10	< 1
G11	1.35	28	37	5.69	< 10	< 1
G12	3.25	24	56	5.6	< 10	1
G13	0.92	23	31	4.6	< 10	< 1
G14	6.23	25	25	4.94	< 10	< 1
G15	5.14	36	27	6.9	< 10	< 1
G16	0.98	30	42	5.57	< 10	2
G17	0.88	28	30	7.32	< 10	1
G18	0.8	24	40	5.36	< 10	< 1
G19	0.93	28	30	5.97	< 10	3
G20	0.8	28	33	5.41	< 10	< 1
G21	1.13	28	33	4.84	< 10	< 1
G22	3.57	31	27	5.3	< 10	< 1
G23	1.33	37	21	6.12	< 10	3
G24	0.89	30	30	5.59	< 10	3
G25	0.78	26	34	5.17	< 10	< 1
G26	0.63	26	93	5.48	< 10	< 1
G27	0.59	22	25	3.97	< 10	< 1
G28	0.4	17	21	3.14	< 10	< 1
G29	0.89	27	31	5.05	< 10	2
G30	0.41	18	26	2.86	< 10	< 1
G31	0.87	30	30	5.43	< 10	< 1
G32	0.47	23	33	3.94	< 10	< 1
G33	0.55	23	26	4.13	< 10	< 1
G34	0.94	26	34	5.41	< 10	1
G35	0.75	17	19	3.55	< 10	< 1
G36	0.71	24	26	4.53	< 10	< 1

G2 Property Name	Ca	Co	Cr	Fe	Ga	Hg
	PCT	ppm	ppm	PCT	ppm	ppm
	0.01 AR-ICP	1 AR-ICP	1 AR-ICP	0.01 AR-ICP	10 AR-ICP	1 AR-ICP
G37	0.63	18	25	3.69	< 10	< 1
G38	0.73	29	38	5.17	< 10	< 1
G39	0.54	30	40	6.62	< 10	1
G40	0.95	34	48	8.06	< 10	< 1
G41	0.35	6	10	1.57	< 10	< 1
G42	0.85	25	39	5.1	< 10	< 1
G43	1.08	27	37	5.06	< 10	< 1
G44	1	26	47	5.36	< 10	< 1
G45	1.09	27	39	5.86	< 10	< 1
G46	1.15	29	48	5.77	< 10	< 1
G47	0.38	14	38	2.94	< 10	< 1
G48	2.69	1	4	0.26	< 10	< 1
G49	0.75	17	37	3.76	< 10	< 1
G50	1.47	38	49	6.77	< 10	1
G51	2.72	32	35	5.76	< 10	2
G52	1.34	29	30	4.87	< 10	< 1
G53	0.51	20	33	3.6	< 10	< 1
G54	1.34	40	65	5.46	< 10	< 1
G55	0.92	23	32	3.83	< 10	< 1
G56	1.01	15	17	3.25	< 10	< 1
G57	3.01	31	27	4.63	< 10	< 1
G58	1.24	32	27	5.6	< 10	< 1
G59	1.27	32	39	5.38	< 10	< 1
G60	0.82	34	45	5.53	< 10	1
G61	1.84	21	26	3.38	< 10	< 1
G62	0.92	31	103	6.95	< 10	< 1
G63	0.97	29	69	5.54	< 10	< 1
G64	1.01	38	68	7.19	< 10	2
G65	0.98	10	17	1.82	< 10	< 1
G66	0.67	24	81	4.3	< 10	< 1
G67	0.6	23	88	4.49	< 10	< 1
G68	0.63	24	96	4.6	< 10	< 1
G69	0.77	23	86	4.19	< 10	< 1
G70	0.82	26	110	5.35	< 10	< 1
G71	0.53	17	65	3.38	< 10	< 1
G72	0.65	22	104	4.57	< 10	< 1
G73	0.58	21	144	4.68	< 10	< 1
G74	1.77	27	132	5.11	< 10	< 1

G2 Property Name	Ca	Co	Cr	Fe	Ga	Hg
	PCT 0.01 AR-ICP	ppm 1 AR-ICP	ppm 1 AR-ICP	PCT 0.01 AR-ICP	ppm 10 AR-ICP	ppm 1 AR-ICP
G75	0.53	20	57	3.26	< 10	< 1
G76	0.58	18	44	3.35	< 10	< 1
G77	1.23	22	82	4.22	< 10	< 1
G78	0.27	12	23	2.43	< 10	< 1
G79	0.63	15	56	3	< 10	< 1
G80	0.84	20	64	5.05	< 10	< 1
G81	0.78	13	91	3.46	< 10	< 1
G82	1.03	13	57	3.7	< 10	< 1
G83	0.88	13	37	3.95	< 10	< 1
G84	0.65	15	39	2.67	< 10	< 1
G85	0.59	23	58	4.37	< 10	< 1
G86	0.87	27	72	4.9	< 10	< 1
G87	1	19	46	4.57	< 10	< 1
G88	0.67	22	23	2.79	< 10	< 1
G89	0.85	27	86	5.12	< 10	< 1
G90	0.92	27	73	5.41	< 10	2
G91	0.9	25	103	5.82	< 10	3
G92	0.78	29	42	4.54	< 10	< 1
G93	0.88	31	52	4.65	< 10	< 1
G94	0.6	19	32	2.88	< 10	< 1
G95	0.69	16	32	2.21	< 10	< 1
G96	0.52	20	35	3.16	< 10	< 1
	3.727	38	112.2	7.203	5	3
	2.7925	34.5	103	6.8025	5	2.25
	1.41	31.5	87	5.915	5	1.5
	1.0425	28	56.25	5.435	5	0.5



G2 Property Name	K	La	Mg	Na	P	S
	PCT	ppm	PCT	PCT	PCT	PCT
	0.01	10	0.01	0.001	0.001	0.01
	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-56 rock	1.14	21	1.16	0.127	0.031	0.04
G1	0.11	12	0.95	0.032	0.125	< 0.01
G2	0.21	15	1.64	0.033	0.116	< 0.01
G3	0.15	21	1.16	0.028	0.064	0.01
G4	0.14	18	1.28	0.027	0.059	< 0.01
G5	0.19	18	1.01	0.033	0.083	0.01
G6	0.17	24	1.27	0.029	0.085	< 0.01
G7	0.1	< 10	0.37	0.038	0.242	0.01
G8	0.19	20	1.29	0.03	0.11	< 0.01
G9	0.12	15	0.91	0.025	0.052	< 0.01
G10	0.26	15	1.4	0.03	0.117	0.01
G11	0.19	11	1.79	0.029	0.123	0.01
G12	0.31	11	1.82	0.03	0.077	0.03
G13	0.19	12	1.53	0.026	0.085	0.01
G14	0.11	< 10	1.33	0.024	0.147	0.08
G15	0.29	< 10	2.06	0.023	0.127	0.06
G16	0.25	12	1.94	0.027	0.134	< 0.01
G17	0.28	12	2.42	0.023	0.1	0.03
G18	0.19	< 10	2	0.026	0.084	< 0.01
G19	0.15	< 10	2.03	0.027	0.131	0.02
G20	0.09	< 10	1.81	0.031	0.167	0.01
G21	0.09	< 10	1.61	0.027	0.174	0.02
G22	0.07	< 10	1.76	0.031	0.2	< 0.01
G23	0.06	< 10	1.79	0.03	0.254	< 0.01
G24	0.07	< 10	1.81	0.032	0.111	< 0.01
G25	0.08	< 10	1.6	0.031	0.185	0.01
G26	0.09	< 10	2.05	0.03	0.073	0.02
G27	0.1	< 10	0.94	0.035	0.3	0.02
G28	0.07	< 10	0.52	0.039	0.282	0.01
G29	0.13	< 10	1.91	0.025	0.117	< 0.01
G30	0.08	< 10	0.44	0.039	0.296	0.01
G31	0.13	< 10	1.95	0.031	0.137	0.01
G32	0.07	< 10	1.08	0.033	0.164	0.01
G33	0.07	< 10	1.03	0.034	0.193	< 0.01
G34	0.09	< 10	1.75	0.033	0.117	< 0.01
G35	0.06	< 10	0.76	0.031	0.239	0.02
G36	0.06	< 10	1.3	0.032	0.158	0.01

G2 Property Name	K	La	Mg	Na	P	S
	PCT	ppm	PCT	PCT	PCT	PCT
	0.01	10	0.01	0.001	0.001	0.01
AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G37	0.06	< 10	0.79	0.032	0.116	0.01
G38	0.09	< 10	1.61	0.03	0.101	0.01
G39	0.07	< 10	2.09	0.031	0.038	0.01
G40	0.09	< 10	1.7	0.045	0.038	< 0.01
G41	0.04	< 10	0.12	0.037	0.063	< 0.01
G42	0.07	< 10	1.76	0.033	0.073	< 0.01
G43	0.06	< 10	1.69	0.034	0.106	0.01
G44	0.08	< 10	2.03	0.034	0.085	< 0.01
G45	0.08	< 10	2.04	0.038	0.073	0.02
G46	0.09	< 10	2.23	0.037	0.074	< 0.01
G47	0.08	< 10	0.67	0.03	0.127	0.01
G48	< 0.01	< 10	0.06	0.084	0.07	0.36
G49	0.15	13	1.3	0.044	0.085	< 0.01
G50	0.18	< 10	2.48	0.041	0.148	0.02
G51	0.25	< 10	2.06	0.039	0.14	0.03
G52	0.2	< 10	1.64	0.063	0.188	0.02
G53	0.08	< 10	1.04	0.033	0.132	0.02
G54	0.19	< 10	2.15	0.07	0.147	< 0.01
G55	0.09	< 10	1.03	0.042	0.065	0.02
G56	0.1	< 10	0.79	0.052	0.05	0.03
G57	0.11	< 10	1.27	0.042	0.164	< 0.01
G58	0.2	< 10	1.66	0.044	0.149	< 0.01
G59	0.13	11	1.79	0.072	0.147	< 0.01
G60	0.16	< 10	1.59	0.066	0.132	0.02
G61	0.11	< 10	1.01	0.062	0.059	0.13
G62	0.13	< 10	1.75	0.037	0.086	< 0.01
G63	0.19	< 10	1.69	0.065	0.09	0.02
G64	0.27	< 10	1.92	0.034	0.121	< 0.01
G65	0.07	< 10	0.23	0.031	0.162	0.01
G66	0.14	< 10	1.22	0.033	0.053	0.01
G67	0.17	11	1.17	0.033	0.048	< 0.01
G68	0.14	< 10	1.4	0.031	0.039	< 0.01
G69	0.13	< 10	1.22	0.027	0.059	0.02
G70	0.11	12	1.66	0.028	0.077	< 0.01
G71	0.14	< 10	0.89	0.035	0.042	< 0.01
G72	0.12	< 10	1.35	0.03	0.045	0.01
G73	0.13	10	1.55	0.031	0.049	0.01
G74	0.12	11	1.64	0.03	0.099	0.01

G2 Property Name	K	La	Mg	Na	P	S
	PCT	ppm	PCT	PCT	PCT	PCT
	0.01	10	0.01	0.001	0.001	0.01
AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G75	0.08	< 10	0.78	0.035	0.098	0.01
G76	0.07	< 10	0.49	0.039	0.222	< 0.01
G77	0.2	13	1.38	0.031	0.09	0.02
G78	0.03	< 10	0.13	0.031	0.059	0.02
G79	0.07	< 10	0.77	0.026	0.127	0.02
G80	0.14	18	1.12	0.03	0.062	0.01
G81	0.11	< 10	1	0.026	0.023	< 0.01
G82	0.14	< 10	0.79	0.027	0.027	< 0.01
G83	0.1	< 10	0.91	0.027	0.016	< 0.01
G84	0.06	< 10	0.54	0.029	0.05	0.02
G85	0.12	< 10	0.9	0.033	0.115	0.01
G86	0.08	< 10	1.31	0.025	0.059	< 0.01
G87	0.12	< 10	1.17	0.024	0.079	< 0.01
G88	0.08	< 10	0.45	0.03	0.103	0.02
G89	0.09	< 10	1.58	0.029	0.069	0.02
G90	0.11	< 10	1.77	0.03	0.081	0.01
G91	0.12	13	1.82	0.032	0.075	< 0.01
G92	0.17	< 10	1.23	0.034	0.072	< 0.01
G93	0.14	< 10	1.36	0.03	0.058	0.02
G94	0.09	< 10	0.68	0.027	0.126	0.03
G95	0.09	< 10	0.51	0.022	0.16	0.02
G96	0.09	< 10	0.73	0.026	0.148	0.02
	0.281	20.1	2.249	0.0702	0.2834	0.085
	0.2525	18	2.0675	0.0635	0.23975	0.03
	0.2	13	2.03	0.044	0.1865	0.02
	0.15	5	1.7625	0.035	0.14175	0.02

G2 Property Name	Sb	Sc	Sr	Ti	Te	Tl
	ppm 2 AR-ICP	ppm 1 AR-ICP	ppm 1 AR-ICP	PCT 0.01 AR-ICP	ppm 1 AR-ICP	ppm 2 AR-ICP
G-56 rock	< 2	7	18	0.31	3	< 2
G1	< 2	5	50	0.2	3	< 2
G2	3	11	84	0.23	2	< 2
G3	< 2	6	42	0.19	4	< 2
G4	< 2	6	59	0.24	4	< 2
G5	< 2	6	60	0.2	5	< 2
G6	3	9	57	0.14	< 1	< 2
G7	< 2	3	42	0.15	2	< 2
G8	< 2	7	93	0.16	3	< 2
G9	< 2	5	62	0.17	2	< 2
G10	3	8	93	0.15	1	< 2
G11	3	9	102	0.21	2	< 2
G12	4	11	105	0.18	4	< 2
G13	3	8	86	0.25	4	< 2
G14	< 2	6	189	0.16	3	< 2
G15	3	11	153	0.23	4	< 2
G16	3	8	86	0.23	4	< 2
G17	3	14	60	0.28	8	< 2
G18	2	8	77	0.27	4	< 2
G19	3	8	92	0.23	3	< 2
G20	3	7	71	0.21	2	< 2
G21	< 2	7	70	0.17	2	< 2
G22	3	8	127	0.17	1	< 2
G23	< 2	9	96	0.16	1	< 2
G24	3	8	71	0.23	2	< 2
G25	3	7	68	0.19	1	< 2
G26	3	10	65	0.28	6	< 2
G27	3	4	45	0.16	< 1	< 2
G28	< 2	4	34	0.19	2	< 2
G29	< 2	7	88	0.23	2	< 2
G30	< 2	3	33	0.17	1	< 2
G31	< 2	9	75	0.25	1	< 2
G32	< 2	5	48	0.18	1	< 2
G33	2	5	53	0.19	6	< 2
G34	< 2	7	87	0.24	2	< 2
G35	< 2	4	48	0.15	< 1	< 2
G36	3	6	58	0.18	8	< 2

G2 Property Name	Sb ppm 2	Sc ppm 1	Sr ppm 1	Ti PCT 0.01	Te ppm 1	Tl ppm 2
	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G37	< 2	5	47	0.21	3	< 2
G38	2	8	62	0.23	3	< 2
G39	2	14	47	0.23	7	< 2
G40	2	11	65	0.41	6	< 2
G41	< 2	2	19	0.12	1	< 2
G42	2	9	79	0.28	3	< 2
G43	< 2	9	91	0.23	2	< 2
G44	2	9	94	0.29	7	< 2
G45	4	11	101	0.34	5	< 2
G46	3	12	116	0.32	3	< 2
G47	3	3	35	0.16	2	< 2
G48	< 2	< 1	81	0.08	2	< 2
G49	< 2	5	76	0.25	4	< 2
G50	4	13	116	0.26	2	< 2
G51	2	14	110	0.24	1	< 2
G52	2	7	99	0.22	2	< 2
G53	< 2	4	44	0.16	< 1	< 2
G54	4	10	109	0.24	3	< 2
G55	< 2	5	50	0.21	2	< 2
G56	< 2	3	44	0.22	4	< 2
G57	< 2	7	132	0.2	< 1	< 2
G58	3	7	113	0.24	2	< 2
G59	2	9	114	0.24	1	< 2
G60	4	8	80	0.25	1	< 2
G61	< 2	3	55	0.13	3	< 2
G62	< 2	10	70	0.32	1	< 2
G63	3	9	72	0.29	4	< 2
G64	4	17	80	0.26	3	< 2
G65	< 2	2	76	0.12	2	< 2
G66	4	7	54	0.24	6	< 2
G67	4	9	47	0.24	7	3
G68	5	9	50	0.27	1	< 2
G69	4	9	49	0.21	2	< 2
G70	6	13	51	0.24	< 1	< 2
G71	3	6	42	0.23	7	< 2
G72	4	9	49	0.24	5	< 2
G73	4	9	51	0.25	2	< 2
G74	5	12	73	0.19	1	< 2

G2 Property Name	Sb ppm 2	Sc ppm 1	Sr ppm 1	Ti PCT 0.01	Te ppm 1	Tl ppm 2
	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G75	< 2	5	42	0.2	< 1	< 2
G76	2	4	52	0.2	3	< 2
G77	3	8	65	0.2	2	< 2
G78	< 2	5	27	0.13	4	< 2
G79	< 2	4	40	0.13	1	< 2
G80	3	12	40	0.12	< 1	< 2
G81	4	6	42	0.19	2	< 2
G82	2	6	45	0.22	< 1	< 2
G83	3	5	37	0.13	< 1	< 2
G84	< 2	3	34	0.16	2	< 2
G85	2	5	37	0.21	3	< 2
G86	4	7	48	0.24	2	< 2
G87	2	5	44	0.15	2	< 2
G88	< 2	2	32	0.14	3	< 2
G89	4	8	65	0.26	5	< 2
G90	4	8	71	0.27	6	< 2
G91	4	15	66	0.25	< 1	< 2
G92	2	7	61	0.28	5	< 2
G93	< 2	7	63	0.27	3	< 2
G94	< 2	3	34	0.13	< 1	< 2
G95	2	2	35	0.1	1	< 2
G96	2	3	32	0.16	2	< 2
	5	14.1	134.1	0.322	7.1	1
	4	13.25	116	0.29	7	1
	4	11.5	107	0.275	6	1
	3	9	84.5	0.24	4	1

G2 Property	U	V	W	Y	Zr
	ppm	ppm	ppm	ppm	ppm
Name	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-56 rock	< 10	51	< 10	9	2
G1	< 10	87	< 10	5	5
G2	< 10	138	< 10	13	8
G3	< 10	67	< 10	10	5
G4	< 10	87	< 10	8	4
G5	< 10	77	< 10	9	3
G6	< 10	99	< 10	21	6
G7	< 10	44	< 10	3	5
G8	< 10	84	< 10	12	5
G9	< 10	68	< 10	7	6
G10	< 10	98	< 10	16	5
G11	< 10	128	< 10	11	6
G12	< 10	132	< 10	11	6
G13	< 10	109	< 10	9	5
G14	< 10	92	< 10	8	3
G15	< 10	158	< 10	14	5
G16	< 10	134	< 10	8	4
G17	< 10	180	< 10	11	7
G18	< 10	144	< 10	6	4
G19	< 10	148	< 10	6	4
G20	< 10	142	< 10	5	4
G21	< 10	124	< 10	7	3
G22	< 10	132	< 10	8	5
G23	< 10	153	< 10	9	4
G24	< 10	160	< 10	5	4
G25	< 10	138	< 10	4	3
G26	< 10	158	< 10	5	3
G27	< 10	82	< 10	4	11
G28	< 10	66	< 10	3	8
G29	< 10	128	< 10	6	3
G30	< 10	56	< 10	3	8
G31	< 10	163	< 10	6	5
G32	< 10	96	< 10	4	6
G33	< 10	109	< 10	3	5
G34	< 10	160	< 10	5	4
G35	< 10	90	< 10	3	5
G36	< 10	119	< 10	4	6

G2 Property Name	U	V	W	Y	Zr
	ppm 10 AR-ICP	ppm 1 AR-ICP	ppm 10 AR-ICP	ppm 1 AR-ICP	ppm 1 AR-ICP
G37	< 10	99	< 10	3	4
G38	< 10	168	< 10	5	4
G39	< 10	259	< 10	5	6
G40	< 10	348	< 10	5	6
G41	< 10	55	< 10	1	2
G42	< 10	159	< 10	6	4
G43	< 10	157	< 10	6	4
G44	< 10	167	< 10	6	4
G45	< 10	194	< 10	7	6
G46	< 10	183	< 10	7	5
G47	< 10	79	< 10	3	2
G48	< 10	14	< 10	3	6
G49	< 10	101	< 10	6	3
G50	< 10	189	< 10	12	6
G51	< 10	196	< 10	7	4
G52	< 10	133	< 10	7	3
G53	< 10	100	< 10	3	3
G54	< 10	158	< 10	8	6
G55	< 10	94	< 10	7	5
G56	< 10	84	< 10	5	4
G57	< 10	124	< 10	8	5
G58	< 10	145	< 10	7	5
G59	< 10	146	< 10	12	5
G60	< 10	149	< 10	6	3
G61	< 10	149	< 10	3	3
G62	< 10	258	< 10	6	6
G63	< 10	195	< 10	7	4
G64	< 10	251	< 10	12	6
G65	< 10	56	< 10	3	2
G66	< 10	118	< 10	5	5
G67	< 10	118	< 10	7	8
G68	< 10	130	< 10	6	7
G69	< 10	115	< 10	7	4
G70	< 10	144	< 10	11	8
G71	< 10	92	< 10	5	7
G72	< 10	135	< 10	6	7
G73	< 10	134	< 10	6	6
G74	< 10	127	< 10	12	5



G2 Property	U	V	W	Y	Zr
	ppm	ppm	ppm	ppm	ppm
Name	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G75	< 10	91	< 10	4	3
G76	< 10	81	< 10	4	7
G77	< 10	104	< 10	10	5
G78	< 10	78	< 10	3	3
G79	< 10	73	< 10	4	3
G80	< 10	109	< 10	23	6
G81	< 10	84	< 10	6	4
G82	< 10	82	< 10	7	6
G83	< 10	70	< 10	9	4
G84	< 10	61	< 10	3	3
G85	< 10	87	< 10	4	7
G86	< 10	115	< 10	7	5
G87	< 10	100	< 10	5	3
G88	< 10	71	< 10	2	2
G89	< 10	137	< 10	7	4
G90	< 10	144	< 10	6	4
G91	< 10	153	< 10	14	6
G92	< 10	133	< 10	5	4
G93	< 10	134	< 10	5	4
G94	< 10	71	< 10	3	2
G95	< 10	51	< 10	2	2
G96	< 10	71	< 10	3	4
	5	258.1	5	16.5	8
	5	195.25	5	13.25	8
	5	174	5	12	7
	5	148.25	5	8	6

**Appendix 2**  
**Laboratory Certificates**



**Date Submitted:** 15-Dec-15  
**Invoice No.:** A15-11010  
**Invoice Date:** 08-Jan-16  
**Your Reference:**

Cathro Resources Corp  
2560 Telford Place  
Kamloops  
BC  
Canada

ATTN: Mike Cathro

## CERTIFICATE OF ANALYSIS

97 Soil samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Kamloops Au - Fire Assay AA  
Code 1E3-Skeena-Kamloops Aqua Regia ICP(AQUAGEO)

REPORT      **A15-11010**

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:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3  
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Elitsa Hrischeva".

Elitsa Hrischeva, Ph.D.  
Quality Control



## Results

## Activation Laboratories Ltd.

## Report: A15-11010

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	PCT	ppm	ppm	ppm	ppm	ppm	PCT	ppm	ppm	PCT	ppm	ppm	PCT	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-1	< 5	0.5	< 0.5	70	562	< 1	22	7	104	2.40	5	< 10	113	< 0.5	< 2	0.63	16	32	3.71	< 10	< 1	0.11	12
G-2	39	0.3	< 0.5	249	1170	2	29	8	65	2.77	11	< 10	119	0.6	< 2	1.29	28	38	6.29	< 10	< 1	0.21	15
G-3	83	< 0.2	< 0.5	71	663	3	23	4	46	2.09	4	< 10	64	< 0.5	< 2	0.52	24	36	4.40	< 10	< 1	0.15	21
G-4	16	< 0.2	< 0.5	57	570	< 1	22	4	57	2.28	8	< 10	78	< 0.5	< 2	0.69	17	36	4.16	< 10	< 1	0.14	18
G-5	27	< 0.2	< 0.5	54	610	< 1	23	5	62	2.00	5	< 10	94	< 0.5	< 2	0.79	16	32	3.53	< 10	< 1	0.19	18
G-6	36	0.9	0.8	154	1140	2	36	21	187	2.52	86	< 10	117	0.6	< 2	1.34	25	47	5.45	< 10	4	0.17	24
G-7	6	0.5	< 0.5	11	529	< 1	13	6	78	2.39	< 2	< 10	171	< 0.5	< 2	0.39	9	17	2.21	< 10	< 1	0.10	< 10
G-8	87	0.3	< 0.5	71	945	1	23	5	53	2.09	10	< 10	134	0.5	< 2	0.88	20	40	4.38	< 10	< 1	0.19	20
G-9	301	0.2	< 0.5	69	400	1	15	3	37	1.55	5	< 10	72	< 0.5	< 2	0.75	12	31	3.43	< 10	< 1	0.12	15
G-10	146	1.2	< 0.5	122	944	1	18	5	43	2.50	4	< 10	137	< 0.5	< 2	1.28	21	28	5.01	< 10	< 1	0.26	15
G-11	311	0.4	< 0.5	160	1130	2	22	4	55	2.69	9	< 10	118	< 0.5	< 2	1.35	28	37	5.69	< 10	< 1	0.19	11
G-12	186	3.1	0.7	213	1170	2	33	13	65	2.76	4	< 10	121	0.6	< 2	3.25	24	56	5.60	< 10	1	0.31	11
G-13	72	0.6	< 0.5	83	737	1	18	6	52	2.25	6	< 10	92	< 0.5	< 2	0.92	22	30	4.51	< 10	< 1	0.19	12
G-14	191	2.2	< 0.5	134	740	3	14	3	34	1.76	6	< 10	64	< 0.5	< 2	6.23	25	25	4.94	< 10	< 1	0.11	< 10
G-15	155	1.9	< 0.5	217	974	12	19	7	50	2.60	8	< 10	68	< 0.5	< 2	5.14	36	27	6.90	< 10	< 1	0.29	< 10
G-16	71	0.4	< 0.5	130	976	3	25	4	69	2.74	8	< 10	75	< 0.5	< 2	0.98	30	42	5.57	< 10	2	0.25	12
G-17	304	2.7	0.6	135	745	1	22	11	65	3.10	< 2	< 10	60	< 0.5	2	0.88	28	30	7.32	< 10	1	0.28	12
G-18	40	0.3	< 0.5	59	722	< 1	24	4	61	2.75	3	< 10	71	< 0.5	< 2	0.80	24	40	5.36	< 10	< 1	0.19	< 10
G-19	117	0.3	< 0.5	56	717	< 1	20	4	59	2.68	8	< 10	51	< 0.5	< 2	0.93	28	30	5.97	< 10	3	0.15	< 10
G-20	24	0.3	< 0.5	82	650	< 1	23	4	75	3.10	6	< 10	76	< 0.5	< 2	0.80	28	33	5.41	< 10	< 1	0.09	< 10
G-21	65	0.3	< 0.5	130	859	< 1	17	3	55	2.26	< 2	< 10	66	< 0.5	2	1.13	28	33	4.84	< 10	< 1	0.09	< 10
G-22	116	< 0.2	< 0.5	154	944	< 1	21	2	55	2.20	6	< 10	50	< 0.5	< 2	3.57	31	27	5.30	< 10	< 1	0.07	< 10
G-23	175	0.3	< 0.5	211	1010	1	18	9	55	2.29	2	< 10	47	< 0.5	< 2	1.33	37	21	6.12	< 10	3	0.06	< 10
G-24	113	0.4	< 0.5	68	777	< 1	24	4	88	2.86	< 2	< 10	93	< 0.5	< 2	0.89	30	30	5.59	< 10	3	0.07	< 10
G-25	45	0.3	< 0.5	38	581	< 1	19	4	79	2.75	5	< 10	99	< 0.5	< 2	0.78	26	34	5.17	< 10	< 1	0.08	< 10
G-26	33	0.3	< 0.5	35	643	< 1	31	2	88	3.19	< 2	< 10	84	< 0.5	< 2	0.63	26	93	5.48	< 10	< 1	0.09	< 10
G-27	7	0.8	< 0.5	34	641	< 1	17	9	81	3.55	3	< 10	134	0.6	< 2	0.59	22	25	3.99	< 10	< 1	0.10	< 10
G-28	30	0.3	< 0.5	24	736	< 1	14	7	73	3.66	4	< 10	104	0.7	< 2	0.40	17	21	3.14	< 10	< 1	0.07	< 10
G-29	32	0.2	< 0.5	81	699	< 1	23	3	58	2.93	3	< 10	77	< 0.5	< 2	0.89	27	31	5.05	< 10	2	0.13	< 10
G-30	< 5	0.9	< 0.5	33	678	< 1	21	6	98	3.04	4	< 10	130	0.6	< 2	0.41	18	26	2.86	< 10	< 1	0.08	< 10
G-31	45	0.3	< 0.5	101	721	< 1	23	8	66	2.92	3	< 10	86	< 0.5	< 2	0.87	30	30	5.43	< 10	< 1	0.13	< 10
G-32	20	0.7	< 0.5	32	462	< 1	26	6	91	3.11	6	< 10	124	< 0.5	< 2	0.47	23	33	3.94	< 10	< 1	0.07	< 10
G-33	11	0.6	< 0.5	32	627	< 1	18	4	73	2.77	< 2	< 10	101	< 0.5	< 2	0.55	23	26	4.13	< 10	< 1	0.07	< 10
G-34	16	< 0.2	< 0.5	69	561	< 1	24	4	65	2.72	< 2	< 10	94	< 0.5	< 2	0.94	26	34	5.41	< 10	1	0.09	< 10
G-35	15	0.4	0.5	32	765	< 1	13	8	113	2.14	< 2	< 10	124	< 0.5	< 2	0.75	17	19	3.55	< 10	< 1	0.06	< 10
G-36	11	0.3	< 0.5	42	561	< 1	20	6	87	2.86	< 2	< 10	90	< 0.5	< 2	0.71	24	26	4.53	< 10	< 1	0.06	< 10
G-37	23	0.7	< 0.5	32	500	1	21	7	94	2.74	3	< 10	100	< 0.5	< 2	0.63	18	25	3.69	< 10	< 1	0.06	< 10
G-38	11	0.3	0.5	113	717	< 1	33	11	103	2.55	12	< 10	73	< 0.5	< 2	0.73	29	38	5.17	< 10	< 1	0.09	< 10
G-39	28	0.4	< 0.5	48	455	< 1	43	4	80	3.30	2	< 10	110	< 0.5	< 2	0.54	30	40	6.62	< 10	1	0.07	< 10
G-40	22	0.6	< 0.5	166	482	< 1	48	6	60	2.19	4	< 10	52	< 0.5	< 2	0.91	34	48	7.99	< 10	2	0.09	< 10
G-41	6	0.3	< 0.5	14	373	< 1	5	5	36	0.57	< 2	< 10	54	< 0.5	< 2	0.35	6	10	1.57	< 10	< 1	0.04	< 10
G-42	16	0.3	< 0.5	139	586	< 1	28	4	70	2.65	5	< 10	88	< 0.5	< 2	0.85	25	39	5.10	< 10	< 1	0.07	< 10
G-43	36	< 0.2	0.6	147	698	< 1	24	3	55	2.26	5	< 10	52	< 0.5	< 2	1.08	27	37	5.06	< 10	< 1	0.06	< 10
G-44	15	0.3	< 0.5	144	655	< 1	29	4	71	2.92	< 2	< 10	111	< 0.5	< 2	1.00	26	47	5.36	< 10	< 1	0.08	< 10
G-45	40	< 0.2	< 0.5	212	657	< 1	28	4	63	2.85	< 2	< 10	79	< 0.5	< 2	1.09	27	39	5.86	< 10	< 1	0.08	< 10
G-46	71	0.2	< 0.5	186	734	< 1	31	4	70	3.17	6	< 10	123	< 0.5	< 2	1.15	29	48	5.77	< 10	< 1	0.09	< 10
G-47	30	0.7	< 0.5	19	511	< 1	19	9	76	1.87	4	< 10	96	< 0.5	< 2	0.38	14	38	2.94	< 10	< 1	0.08	< 10
G-48	< 5	2.0	< 0.5	12	22	11	1	4	6	0.56	< 2	< 10	60	< 0.5	< 2	2.69	1	4	0.26	< 10	< 1	< 0.01	< 10

## Results

## Activation Laboratories Ltd.

## Report: A15-11010

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	PCT	ppm	ppm	ppm	ppm	ppm	PCT	ppm	ppm	PCT	ppm	ppm	PCT	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-49	15	< 0.2	< 0.5	34	462	< 1	22	3	49	2.16	3	< 10	73	< 0.5	< 2	0.75	17	37	3.76	< 10	< 1	0.15	13
G-50	178	1.3	< 0.5	284	1120	< 1	29	18	73	3.23	< 2	< 10	134	< 0.5	< 2	1.47	38	49	6.77	< 10	1	0.18	< 10
G-51	59	0.4	< 0.5	123	895	1	25	4	62	2.68	4	< 10	75	< 0.5	< 2	2.72	32	35	5.76	< 10	2	0.25	< 10
G-52	18	0.2	< 0.5	110	827	< 1	25	13	63	2.36	< 2	< 10	69	< 0.5	< 2	1.34	29	30	4.87	< 10	< 1	0.20	< 10
G-53	217	0.4	< 0.5	68	609	< 1	21	6	60	2.17	< 2	< 10	84	< 0.5	< 2	0.51	20	33	3.60	< 10	< 1	0.08	< 10
G-54	15	< 0.2	0.5	135	1030	1	37	5	71	2.58	7	< 10	67	< 0.5	< 2	1.33	40	65	5.42	< 10	1	0.19	< 10
G-55	31	0.5	< 0.5	168	792	< 1	28	10	115	2.89	4	< 10	98	0.6	< 2	0.92	23	32	3.83	< 10	< 1	0.09	< 10
G-56	< 5	0.6	< 0.5	96	549	< 1	15	9	69	2.42	< 2	< 10	80	< 0.5	< 2	1.01	15	17	3.25	< 10	< 1	0.10	< 10
G-57	33	< 0.2	< 0.5	178	684	2	18	6	50	1.75	6	< 10	52	< 0.5	< 2	3.01	31	27	4.63	< 10	< 1	0.11	< 10
G-58	31	< 0.2	< 0.5	161	677	1	21	9	72	2.38	9	< 10	52	< 0.5	< 2	1.24	32	27	5.60	< 10	< 1	0.20	< 10
G-59	41	< 0.2	0.6	256	1150	1	25	74	215	2.38	8	< 10	75	< 0.5	< 2	1.27	32	39	5.38	< 10	< 1	0.13	11
G-60	62	0.5	0.6	248	1000	2	30	41	211	2.50	6	< 10	97	< 0.5	< 2	0.82	34	45	5.53	< 10	1	0.16	< 10
G-61	11	1.2	< 0.5	220	368	7	26	6	58	1.51	4	< 10	66	< 0.5	< 2	1.84	21	26	3.38	< 10	< 1	0.11	< 10
G-62	20	< 0.2	< 0.5	213	568	< 1	46	8	57	2.22	7	< 10	55	< 0.5	< 2	0.92	31	103	6.95	< 10	< 1	0.13	< 10
G-63	25	0.2	< 0.5	132	688	< 1	47	16	70	2.24	6	< 10	80	< 0.5	< 2	0.97	29	69	5.54	< 10	< 1	0.19	< 10
G-64	46	0.3	< 0.5	316	1030	1	37	8	59	2.17	9	< 10	74	< 0.5	3	1.01	38	68	7.19	< 10	2	0.27	< 10
G-65	< 5	< 0.2	< 0.5	17	586	2	13	6	91	0.80	6	< 10	106	< 0.5	< 2	0.98	10	17	1.82	< 10	< 1	0.07	< 10
G-66	11	< 0.2	< 0.5	62	587	< 1	45	7	124	2.64	20	< 10	106	< 0.5	< 2	0.67	24	81	4.30	< 10	< 1	0.14	< 10
G-67	< 5	< 0.2	< 0.5	65	474	< 1	53	6	135	3.09	10	< 10	111	0.6	< 2	0.60	23	88	4.49	< 10	< 1	0.17	11
G-68	16	< 0.2	< 0.5	83	497	< 1	55	5	106	2.85	14	< 10	97	0.5	2	0.63	24	96	4.60	< 10	< 1	0.14	< 10
G-69	6	0.2	< 0.5	94	629	< 1	47	6	104	2.34	14	< 10	91	< 0.5	< 2	0.77	23	86	4.19	< 10	< 1	0.13	< 10
G-70	15	0.2	< 0.5	171	674	1	58	7	96	2.50	27	< 10	62	0.6	< 2	0.82	26	110	5.35	< 10	< 1	0.11	12
G-71	< 5	< 0.2	< 0.5	41	363	< 1	41	6	125	2.56	9	< 10	105	< 0.5	< 2	0.53	17	65	3.38	< 10	< 1	0.14	< 10
G-72	< 5	0.2	< 0.5	76	490	< 1	50	6	96	2.76	12	< 10	87	< 0.5	< 2	0.65	22	104	4.57	< 10	< 1	0.12	< 10
G-73	11	0.3	< 0.5	70	415	1	63	6	106	2.48	17	< 10	65	0.5	< 2	0.58	21	144	4.68	< 10	< 1	0.13	10
G-74	21	0.5	0.9	173	765	1	60	8	88	2.29	21	< 10	70	0.5	< 2	1.77	27	132	5.11	< 10	< 1	0.12	11
G-75	< 5	0.3	< 0.5	37	828	< 1	35	7	139	2.30	9	< 10	136	< 0.5	< 2	0.53	20	57	3.26	< 10	< 1	0.08	< 10
G-76	< 5	0.4	< 0.5	37	629	< 1	33	10	127	3.26	10	< 10	137	< 0.5	< 2	0.58	18	44	3.35	< 10	< 1	0.07	< 10
G-77	10	< 0.2	0.6	74	654	1	43	10	82	2.00	17	< 10	72	< 0.5	< 2	1.25	22	82	4.23	< 10	< 1	0.20	13
G-78	< 5	< 0.2	0.6	14	264	< 1	8	5	48	0.93	16	< 10	47	< 0.5	< 2	0.27	12	23	2.43	< 10	< 1	0.03	< 10
G-79	8	0.3	0.5	45	751	< 1	27	14	142	1.86	14	< 10	115	< 0.5	< 2	0.63	15	56	3.00	< 10	< 1	0.07	< 10
G-80	107	0.6	0.8	108	875	1	39	15	185	2.84	15	< 10	126	0.6	< 2	0.84	20	64	5.05	< 10	< 1	0.14	18
G-81	< 5	< 0.2	0.6	27	547	< 1	34	21	187	2.10	20	< 10	60	< 0.5	< 2	0.78	13	91	3.46	< 10	< 1	0.11	< 10
G-82	< 5	0.2	< 0.5	25	562	< 1	23	25	202	2.25	8	< 10	71	< 0.5	< 2	1.03	13	57	3.70	< 10	< 1	0.14	< 10
G-83	14	< 0.2	< 0.5	34	576	< 1	19	26	214	2.40	14	< 10	78	< 0.5	< 2	0.88	13	37	3.95	< 10	< 1	0.10	< 10
G-84	< 5	0.5	1.0	22	737	< 1	29	28	348	2.13	17	< 10	110	< 0.5	< 2	0.65	15	39	2.67	< 10	< 1	0.06	< 10
G-85	40	0.8	1.3	57	450	< 1	46	47	666	3.02	22	< 10	95	0.6	< 2	0.59	23	58	4.37	< 10	< 1	0.12	< 10
G-86	35	0.5	0.7	179	577	< 1	41	24	206	2.24	29	< 10	51	0.5	< 2	0.87	27	72	4.90	< 10	< 1	0.08	< 10
G-87	7	0.3	1.1	51	743	< 1	27	20	184	2.64	32	< 10	99	< 0.5	< 2	1.00	19	46	4.57	< 10	< 1	0.12	< 10
G-88	< 5	0.3	0.6	34	952	< 1	18	16	219	1.58	11	< 10	84	< 0.5	< 2	0.67	22	23	2.79	< 10	< 1	0.08	< 10
G-89	21	< 0.2	< 0.5	116	690	< 1	41	18	142	2.61	19	< 10	63	< 0.5	3	0.85	27	86	5.12	< 10	< 1	0.09	< 10
G-90	18	0.3	0.6	103	708	< 1	36	11	123	2.73	15	< 10	55	< 0.5	< 2	0.92	27	73	5.41	< 10	2	0.11	< 10
G-91	31	0.2	< 0.5	198	733	< 1	53	11	104	2.82	21	< 10	81	0.5	< 2	0.89	25	104	5.80	< 10	3	0.12	13
G-92	< 5	0.3	0.6	50	958	< 1	29	12	176	2.67	10	< 10	113	< 0.5	< 2	0.78	29	42	4.54	< 10	< 1	0.17	< 10
G-93	8	< 0.2	0.8	103	900	< 1	32	12	143	2.65	4	< 10	93	< 0.5	< 2	0.88	31	52	4.65	< 10	< 1	0.14	< 10
G-94	< 5	0.4	0.6	67	1360	< 1	18	10	109	1.88	5	< 10	100	< 0.5	< 2	0.60	19	32	2.88	< 10	< 1	0.09	< 10
G-95	27	0.7	< 0.5	75	702	< 1	15	7	103	1.44	7	< 10	92	< 0.5	< 2	0.69	16	32	2.21	< 10	< 1	0.09	< 10
G-96	25	0.9	0.6	120	897	< 1	24	9	171	2.42	5	< 10	85	< 0.5	< 2	0.52	20	35	3.16	< 10	< 1	0.09	< 10

Results

Activation Laboratories Ltd.

Report: A15-11010

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	PCT	ppm	ppm	ppm	ppm	ppm	PCT	ppm	ppm	PCT	ppm	ppm	PCT	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-56 Rock	< 5	< 0.2	< 0.5	12	512	< 1	24	< 2	56	2.29	< 2	< 10	242	< 0.5	< 2	0.26	9	70	3.40	< 10	< 1	1.14	21

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	PCT	PCT	PCT	PCT	ppm	ppm	ppm	PCT	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-1	0.95	0.032	0.125	< 0.01	< 2	5	50	0.20	3	< 2	< 10	87	< 10	5	5
G-2	1.64	0.033	0.116	< 0.01	3	11	84	0.23	2	< 2	< 10	138	< 10	13	8
G-3	1.16	0.028	0.064	0.01	< 2	6	42	0.19	4	< 2	< 10	67	< 10	10	5
G-4	1.28	0.027	0.059	< 0.01	< 2	6	59	0.24	4	< 2	< 10	87	< 10	8	4
G-5	1.01	0.033	0.083	0.01	< 2	6	60	0.20	5	< 2	< 10	77	< 10	9	3
G-6	1.27	0.029	0.085	< 0.01	3	9	57	0.14	< 1	< 2	< 10	99	< 10	21	6
G-7	0.37	0.038	0.242	0.01	< 2	3	42	0.15	2	< 2	< 10	44	< 10	3	5
G-8	1.29	0.030	0.110	< 0.01	< 2	7	93	0.16	3	< 2	< 10	84	< 10	12	5
G-9	0.91	0.025	0.052	< 0.01	< 2	5	62	0.17	2	< 2	< 10	68	< 10	7	6
G-10	1.40	0.030	0.117	0.01	3	8	93	0.15	1	< 2	< 10	98	< 10	16	5
G-11	1.79	0.029	0.123	0.01	3	9	102	0.21	2	< 2	< 10	128	< 10	11	6
G-12	1.82	0.030	0.077	0.03	4	11	105	0.18	4	< 2	< 10	132	< 10	11	6
G-13	1.50	0.027	0.083	0.01	3	8	84	0.26	4	< 2	< 10	106	< 10	9	5
G-14	1.33	0.024	0.147	0.08	< 2	6	189	0.16	3	< 2	< 10	92	< 10	8	3
G-15	2.06	0.023	0.127	0.06	3	11	153	0.23	4	< 2	< 10	158	< 10	14	5
G-16	1.94	0.027	0.134	< 0.01	3	8	86	0.23	4	< 2	< 10	134	< 10	8	4
G-17	2.42	0.023	0.100	0.03	3	14	60	0.28	8	< 2	< 10	180	< 10	11	7
G-18	2.00	0.026	0.084	< 0.01	2	8	77	0.27	4	< 2	< 10	144	< 10	6	4
G-19	2.03	0.027	0.131	0.02	3	8	92	0.23	3	< 2	< 10	148	< 10	6	4
G-20	1.81	0.031	0.167	0.01	3	7	71	0.21	2	< 2	< 10	142	< 10	5	4
G-21	1.61	0.027	0.174	0.02	< 2	7	70	0.17	2	< 2	< 10	124	< 10	7	3
G-22	1.76	0.031	0.200	< 0.01	3	8	127	0.17	1	< 2	< 10	132	< 10	8	5
G-23	1.79	0.030	0.254	< 0.01	< 2	9	96	0.16	1	< 2	< 10	153	< 10	9	4
G-24	1.81	0.032	0.111	< 0.01	3	8	71	0.23	2	< 2	< 10	160	< 10	5	4
G-25	1.60	0.031	0.185	0.01	3	7	68	0.19	1	< 2	< 10	138	< 10	4	3
G-26	2.05	0.030	0.073	0.02	3	10	65	0.28	6	< 2	< 10	158	< 10	5	3
G-27	0.94	0.035	0.304	0.02	3	4	45	0.15	3	< 2	< 10	81	< 10	4	11
G-28	0.52	0.039	0.282	0.01	< 2	4	34	0.19	2	< 2	< 10	66	< 10	3	8
G-29	1.91	0.025	0.117	< 0.01	< 2	7	88	0.23	2	< 2	< 10	128	< 10	6	3
G-30	0.44	0.039	0.296	0.01	< 2	3	33	0.17	1	< 2	< 10	56	< 10	3	8
G-31	1.95	0.031	0.137	0.01	< 2	9	75	0.25	1	< 2	< 10	163	< 10	6	5
G-32	1.08	0.033	0.164	0.01	< 2	5	48	0.18	1	< 2	< 10	96	< 10	4	6
G-33	1.03	0.034	0.193	< 0.01	2	5	53	0.19	6	< 2	< 10	109	< 10	3	5
G-34	1.75	0.033	0.117	< 0.01	< 2	7	87	0.24	2	< 2	< 10	160	< 10	5	4
G-35	0.76	0.031	0.239	0.02	< 2	4	48	0.15	< 1	< 2	< 10	90	< 10	3	5
G-36	1.30	0.032	0.158	0.01	3	6	58	0.18	8	< 2	< 10	119	< 10	4	6
G-37	0.79	0.032	0.116	0.01	< 2	5	47	0.21	3	< 2	< 10	99	< 10	3	4
G-38	1.61	0.030	0.101	0.01	2	8	62	0.23	3	< 2	< 10	168	< 10	5	4
G-39	2.09	0.031	0.038	0.01	2	14	47	0.23	7	< 2	< 10	259	< 10	5	6
G-40	1.71	0.042	0.038	0.01	2	11	61	0.40	2	< 2	< 10	342	< 10	5	6
G-41	0.12	0.037	0.063	< 0.01	< 2	2	19	0.12	1	< 2	< 10	55	< 10	1	2
G-42	1.76	0.033	0.073	< 0.01	2	9	79	0.28	3	< 2	< 10	159	< 10	6	4

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	PCT	PCT	PCT	PCT	ppm	ppm	ppm	PCT	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-43	1.69	0.034	0.106	0.01	< 2	9	91	0.23	2	< 2	< 10	157	< 10	6	4
G-44	2.03	0.034	0.085	< 0.01	2	9	94	0.29	7	< 2	< 10	167	< 10	6	4
G-45	2.04	0.038	0.073	0.02	4	11	101	0.34	5	< 2	< 10	194	< 10	7	6
G-46	2.23	0.037	0.074	< 0.01	3	12	116	0.32	3	< 2	< 10	183	< 10	7	5
G-47	0.67	0.030	0.127	0.01	3	3	35	0.16	2	< 2	< 10	79	< 10	3	2
G-48	0.06	0.084	0.070	0.36	< 2	< 1	81	0.08	2	< 2	< 10	14	< 10	3	6
G-49	1.30	0.044	0.085	< 0.01	< 2	5	76	0.25	4	< 2	< 10	101	< 10	6	3
G-50	2.48	0.041	0.148	0.02	4	13	116	0.26	2	< 2	< 10	189	< 10	12	6
G-51	2.06	0.039	0.140	0.03	2	14	110	0.24	1	< 2	< 10	196	< 10	7	4
G-52	1.64	0.063	0.188	0.02	2	7	99	0.22	2	< 2	< 10	133	< 10	7	3
G-53	1.04	0.033	0.132	0.02	< 2	4	44	0.16	< 1	< 2	< 10	100	< 10	3	3
G-54	2.14	0.070	0.146	< 0.01	4	9	109	0.24	3	< 2	< 10	156	< 10	8	6
G-55	1.03	0.042	0.065	0.02	< 2	5	50	0.21	2	< 2	< 10	94	< 10	7	5
G-56	0.79	0.052	0.050	0.03	< 2	3	44	0.22	4	< 2	< 10	84	< 10	5	4
G-57	1.27	0.042	0.164	< 0.01	< 2	7	132	0.20	< 1	< 2	< 10	124	< 10	8	5
G-58	1.66	0.044	0.149	< 0.01	3	7	113	0.24	2	< 2	< 10	145	< 10	7	5
G-59	1.79	0.072	0.147	< 0.01	2	9	114	0.24	1	< 2	< 10	146	< 10	12	5
G-60	1.59	0.066	0.132	0.02	4	8	80	0.25	1	< 2	< 10	149	< 10	6	3
G-61	1.01	0.062	0.059	0.13	< 2	3	55	0.13	3	< 2	< 10	149	< 10	3	3
G-62	1.75	0.037	0.086	< 0.01	< 2	10	70	0.32	1	< 2	< 10	258	< 10	6	6
G-63	1.69	0.065	0.090	0.02	3	9	72	0.29	4	< 2	< 10	195	< 10	7	4
G-64	1.92	0.034	0.121	< 0.01	4	17	80	0.26	3	< 2	< 10	251	< 10	12	6
G-65	0.23	0.031	0.162	0.01	< 2	2	76	0.12	2	< 2	< 10	56	< 10	3	2
G-66	1.22	0.033	0.053	0.01	4	7	54	0.24	6	< 2	< 10	118	< 10	5	5
G-67	1.17	0.033	0.048	< 0.01	4	9	47	0.24	7	3	< 10	118	< 10	7	8
G-68	1.40	0.031	0.039	< 0.01	5	9	50	0.27	1	< 2	< 10	130	< 10	6	7
G-69	1.22	0.027	0.059	0.02	4	9	49	0.21	2	< 2	< 10	115	< 10	7	4
G-70	1.66	0.028	0.077	< 0.01	6	13	51	0.24	< 1	< 2	< 10	144	< 10	11	8
G-71	0.89	0.035	0.042	< 0.01	3	6	42	0.23	7	< 2	< 10	92	< 10	5	7
G-72	1.35	0.030	0.045	0.01	4	9	49	0.24	5	< 2	< 10	135	< 10	6	7
G-73	1.55	0.031	0.049	0.01	4	9	51	0.25	2	< 2	< 10	134	< 10	6	6
G-74	1.64	0.030	0.099	0.01	5	12	73	0.19	1	< 2	< 10	127	< 10	12	5
G-75	0.78	0.035	0.098	0.01	< 2	5	42	0.20	< 1	< 2	< 10	91	< 10	4	3
G-76	0.49	0.039	0.222	< 0.01	2	4	52	0.20	3	< 2	< 10	81	< 10	4	7
G-77	1.38	0.031	0.090	0.02	4	8	66	0.20	1	< 2	< 10	103	< 10	10	5
G-78	0.13	0.031	0.059	0.02	< 2	5	27	0.13	4	< 2	< 10	78	< 10	3	3
G-79	0.77	0.026	0.127	0.02	< 2	4	40	0.13	1	< 2	< 10	73	< 10	4	3
G-80	1.12	0.030	0.062	0.01	3	12	40	0.12	< 1	< 2	< 10	109	< 10	23	6
G-81	1.00	0.026	0.023	< 0.01	4	6	42	0.19	2	< 2	< 10	84	< 10	6	4
G-82	0.79	0.027	0.027	< 0.01	2	6	45	0.22	< 1	< 2	< 10	82	< 10	7	6
G-83	0.91	0.027	0.016	< 0.01	3	5	37	0.13	< 1	< 2	< 10	70	< 10	9	4
G-84	0.54	0.029	0.050	0.02	< 2	3	34	0.16	2	< 2	< 10	61	< 10	3	3
G-85	0.90	0.033	0.115	0.01	2	5	37	0.21	3	< 2	< 10	87	< 10	4	7
G-86	1.31	0.025	0.059	< 0.01	4	7	48	0.24	2	< 2	< 10	115	< 10	7	5
G-87	1.17	0.024	0.079	< 0.01	2	5	44	0.15	2	< 2	< 10	100	< 10	5	3
G-88	0.45	0.030	0.103	0.02	< 2	2	32	0.14	3	< 2	< 10	71	< 10	2	2
G-89	1.58	0.029	0.069	0.02	4	8	65	0.26	5	< 2	< 10	137	< 10	7	4
G-90	1.77	0.030	0.081	0.01	4	8	71	0.27	6	< 2	< 10	144	< 10	6	4

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	PCT	PCT	PCT	PCT	ppm	ppm	ppm	PCT	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-91	1.80	0.032	0.075	< 0.01	4	15	65	0.24	4	< 2	< 10	151	< 10	14	6
G-92	1.23	0.034	0.072	< 0.01	2	7	61	0.28	5	< 2	< 10	133	< 10	5	4
G-93	1.36	0.030	0.058	0.02	< 2	7	63	0.27	3	< 2	< 10	134	< 10	5	4
G-94	0.68	0.027	0.126	0.03	< 2	3	34	0.13	< 1	< 2	< 10	71	< 10	3	2
G-95	0.51	0.022	0.160	0.02	2	2	35	0.10	1	< 2	< 10	51	< 10	2	2
G-96	0.73	0.026	0.148	0.02	2	3	32	0.16	2	< 2	< 10	71	< 10	3	4
G-56 Rock	1.16	0.127	0.031	0.04	< 2	7	18	0.31	3	< 2	< 10	51	< 10	9	2



Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	PCT	ppm	ppm	ppm	ppm	ppm	PCT	ppm	ppm	PCT	ppm	ppm	PCT	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		27.6	2.9	1080	722	13	27	594	625	0.36	376	< 10	217	0.8	1290	0.73	7	7	21.1	< 10	4	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.5	< 0.5	6300	148	316	40	42	69	2.79	105	< 10	37	1.5	15	0.90	14	57	3.04	< 10	< 1	1.68	45
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.4	< 0.5	69	1040	2	25	98	125	7.18	255	< 10	820	1.0	< 2	0.14	14	87	5.49	10	2	1.07	11
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
SF67 Meas	829																						
SF67 Cert	835																						
SF67 Meas	765																						
SF67 Cert	835																						
SF67 Meas	786																						
SF67 Cert	835																						
SG66 Meas	1040																						
SG66 Cert	1090																						
SG66 Meas	1050																						
SG66 Cert	1090																						
SG66 Meas	1090																						
SG66 Cert	1090																						
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2250	758	< 1	38	61	264	2.84	6		85	0.7	4	0.40	20	48	5.10	< 10		0.42	38
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.5	0.5	4120	803	< 1	32	75	313	2.69	6		64	0.6	18	0.37	22	43	5.53	< 10		0.33	33
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
G-8 Orig	87																						
G-8 Dup	89																						
G-13 Orig		0.6	< 0.5	83	737	1	18	6	52	2.25	6	< 10	92	< 0.5	< 2	0.92	22	30	4.51	< 10	< 1	0.19	12
G-13 Dup		0.6	< 0.5	88	751	2	16	3	55	2.37	7	< 10	92	< 0.5	< 2	0.93	24	31	4.69	< 10	< 1	0.19	11
G-17 Orig	304																						
G-17 Dup	318																						
G-25 Orig	45																						
G-25 Dup	17																						
G-27 Orig		0.8	< 0.5	34	641	< 1	17	9	81	3.55	3	< 10	134	0.6	< 2	0.59	22	25	3.99	< 10	< 1	0.10	< 10
G-27 Dup		0.8	< 0.5	33	628	< 1	17	7	80	3.49	< 2	< 10	133	0.6	< 2	0.60	22	25	3.95	< 10	< 1	0.10	< 10
G-40 Orig		0.6	< 0.5	166	482	< 1	48	6	60	2.19	4	< 10	52	< 0.5	< 2	0.91	34	48	7.99	< 10	2	0.09	< 10
G-40 Dup		0.7	< 0.5	168	493	< 1	45	5	63	2.27	3	< 10	55	< 0.5	2	0.99	34	48	8.12	< 10	< 1	0.09	< 10
G-43 Orig	36																						
G-43 Dup	38																						
G-52 Orig	18																						
G-52 Dup	29																						
G-54 Orig		< 0.2	0.5	135	1030	1	37	5	71	2.58	7	< 10	67	< 0.5	< 2	1.33	40	65	5.42	< 10	1	0.19	< 10
G-54 Dup		< 0.2	< 0.5	137	1030	< 1	38	6	71	2.62	9	< 10	67	< 0.5	< 2	1.34	40	65	5.50	< 10	< 1	0.19	< 10
G-60 Orig	62																						
G-60 Dup	28																						
G-77 Orig		< 0.2	0.6	74	654	1	43	10	82	2.00	17	< 10	72	< 0.5	< 2	1.25	22	82	4.23	< 10	< 1	0.20	13
G-77 Dup		< 0.2	0.6	74	650	< 1	43	9	83	1.98	17	< 10	69	< 0.5	< 2	1.22	22	83	4.21	< 10	< 1	0.20	13
G-78 Orig	< 5																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	PCT	ppm	ppm	ppm	ppm	ppm	PCT	ppm	ppm	PCT	ppm	ppm	PCT	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-78 Dup	< 5																						
G-87 Orig	7																						
G-87 Dup	5																						
G-91 Orig		0.2	< 0.5	198	733	< 1	53	11	104	2.82	21	< 10	81	0.5	< 2	0.89	25	104	5.80	< 10	3	0.12	13
G-91 Dup		< 0.2	< 0.5	201	736	< 1	54	9	106	2.89	18	< 10	80	0.5	2	0.91	25	103	5.85	< 10	4	0.12	14
G-95 Orig	27																						
G-95 Dup	10																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	PCT	PCT	PCT	PCT	ppm	ppm	ppm	PCT	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.13	0.053	0.036	0.17	71	1	155	< 0.01	11	< 2	22	70	122	22	17
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.62	0.139	0.119	1.55	4	7	75	0.17	6	< 2	< 10	79	17	11	10
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.40	0.083	0.034	0.01	5	22	31	< 1	< 2	< 10	175	< 10	6	11	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0	0.0180	2.20	1.54	186	1.90	14.0	110	
SF67 Meas															
SF67 Cert															
SF67 Meas															
SF67 Cert															
SF67 Meas															
SF67 Cert															
SG66 Meas															
SG66 Cert															
SG66 Meas															
SG66 Cert															
OREAS 922 (AQUA REGIA) Meas	1.39	0.029	0.062	0.34	2	4	17		< 2	< 10	34	< 10	19	30	
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 923 (AQUA REGIA) Meas	1.41		0.055	0.58	4	3	14		< 2	< 10	31	< 10	16	31	
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		0.12	1.80	30.6	1.96	14.3	22.5	
G-8 Orig															
G-8 Dup															
G-13 Orig	1.50	0.027	0.083	0.01	3	8	84	0.26	4	< 2	< 10	106	< 10	9	5
G-13 Dup	1.56	0.025	0.087	0.01	3	8	88	0.24	4	< 2	< 10	113	< 10	9	5
G-17 Orig															
G-17 Dup															

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	PCT	PCT	PCT	PCT	ppm	ppm	ppm	PCT	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
G-25 Orig															
G-25 Dup															
G-27 Orig	0.94	0.035	0.304	0.02	3	4	45	0.15	3	< 2	< 10	81	< 10	4	11
G-27 Dup	0.93	0.035	0.296	0.02	3	4	46	0.16	< 1	< 2	< 10	82	< 10	4	10
G-40 Orig	1.71	0.042	0.038	0.01	2	11	61	0.40	2	< 2	< 10	342	< 10	5	6
G-40 Dup	1.70	0.048	0.039	< 0.01	2	12	68	0.42	9	< 2	< 10	354	< 10	5	6
G-43 Orig															
G-43 Dup															
G-52 Orig															
G-52 Dup															
G-54 Orig	2.14	0.070	0.146	< 0.01	4	9	109	0.24	3	< 2	< 10	156	< 10	8	6
G-54 Dup	2.16	0.070	0.147	< 0.01	4	10	109	0.25	3	< 2	< 10	159	< 10	9	6
G-60 Orig															
G-60 Dup															
G-77 Orig	1.38	0.031	0.090	0.02	4	8	66	0.20	1	< 2	< 10	103	< 10	10	5
G-77 Dup	1.38	0.031	0.090	0.01	3	8	64	0.20	3	< 2	< 10	105	< 10	10	6
G-78 Orig															
G-78 Dup															
G-87 Orig															
G-87 Dup															
G-91 Orig	1.80	0.032	0.075	< 0.01	4	15	65	0.24	4	< 2	< 10	151	< 10	14	6
G-91 Dup	1.83	0.031	0.075	< 0.01	5	15	66	0.25	< 1	< 2	< 10	155	< 10	14	6
G-95 Orig															
G-95 Dup															
Method Blank															
Method Blank															
Method Blank															
Method Blank															
Method Blank															