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Assessment Report
Title Page and Summary

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

TOTAL COST: $36,717.00

AUTHOR(S): Kristian Whitehead

SIGNATURE(S):

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

YEAR OF WORK: 2016

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5625865 / Nov 5th – Nov 14, 2016

PROPERTY NAME: Gold Creek

CLAIM NAME(S) (on which the work was done): ORO, AFI 1, AFI 2, MAR 1

COMMODITIES SOUGHT: Au,Cu,Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093A 012, 093A 092, 093A 096 and 093A 190

MINING DIVISION: Cariboo

NTS/BCGS: 093A/02, 093A/03 and 093A/06

LATITUDE: 52 ° 16 '32 " LONGITUDE: 120 ° 58 '59 " (at centre of work)

OWNER(S):

1) Bullion Gold Corp.

2)

MAILING ADDRESS:

1055 W Georgia St, Vancouver, BC V6E 0B6

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

1) Eureka Resources Inc.

2)

MAILING ADDRESS:

#1100 - 1111 Melville Street, Vancouver, BC, V6E 3V6

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

Nicola Group, Triassic to Jurassic, sedimentary rocks, argillite, orogenic Au, stratabound Au

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: ARIS # 3483,311105,31572,29919

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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	203 Mobile Metal Ion ("MMI")	MAR 1, AFI 1, AFI 2, ORO	
Silt			
Rock	16	MAR 1	
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:	$36, 717.00

MMI Geochemical Sampling Program Assessment Report for fall 2016, Gold Creek Property, Likely, British Columbia

Prepared For:
Bullion Gold Corporation
510 – 744 West Hastings Street
Vancouver, British Columbia
V6C 1A1

Event Number: **5625865**

Cariboo Mining Division, British Columbia
Property location, immediately surrounding town of Likely, BC, 62 km northeast of William Lake, BC.

NTS Map Sheet 093052, 053, 062 & 063
UTM Coordinates NAD 1983, Zone 10N
52° 63' 92" North Latitude and 121° 58' 46" West Longitude

Dates of Work: Nov 5th – Nov 14, 2016

Operator: Eureka Resources Inc.

Owner of Claims: Bullion Gold Corporation

Prepared by: Kristian Whitehead, BSc., P.Geo. Consulting Geologist for Bullion Gold Corporation

Date Submitted: Jan 10th, 2017

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1.0 SUMMARY

Infiniti Drilling Corporation was contracted by Bullion Gold Corp. ("Bullion") to plan and conduct a soil sampling program in the fall of 2016 on the Gold Creek Property and write an Assessment Report documenting the data collected during the program. The filed work completed in 2016 towards claim holdings totalled $52,202.91 with $15,652.91 being applied from Eureka Resources Inc. PAC Credit account and $36,550.00 being applied to the claims from the total eligible amount of $36,717.00 spent by Eureka Resources Inc. The Property is a contiguous claim package totalling 34 claims comprised of 9,673.26 hectares which 100% is currently owned by Bullion Gold Corporation and named the Gold Creek Property.

The sampling program consisted of 203 individual Mobile Metal Ion ("MMI") soil samples and 16 rock grab samples. The purpose of the soil sampling program was to confirm, further define and expand previously determined gold in soil anomalies to aid in refining future drill targets. These gold targets occur within Nicola Group sedimentary rocks and are approximately 8 km WNW and along strike from the Spanish Mountain gold deposit. The results of this work constitute the basis of this Assessment Report.

The Cariboo Property lies along the eastern margin of the Intermontane Belt along its tectonic boundary with the Omineca Belt. The property area is almost entirely within Quesnellia, alternatively referred to as Quesnel Terrane. The western terrane boundary of Quesnellia rocks with Cache Creek Terrane rocks is marked by a zone of high-angle; strike-slip faulting that is probably the southern extension of the Pinchi fault system. Along the eastern margin of the property area, rocks of Quesnellia and a thin slice of underlying Crooked amphibolite, part of the Slide Mountain Terrane, are structurally coupled and tectonically emplaced by the Eureka thrust onto the Barkerville subterrane of the Omineca Belt.

The Quesnel Trough in the area of the Cariboo Property is a well mineralized region that hosts a wide variety of deposit types. The principal recent exploration and economic development targets on the property are gold-bearing quartz veins and gold-silver bearing stratabound zones of quartz and carbonate-altered quartz-veined phyllite that occur in the basal, black phyllite metasedimentary succession of the Nicola Group (e.g. Spanish Mountain, Frasergold, Kusk). The mineralization in some black phyllite members have potential to be mined as large, bulk-tonnage deposits.

Alkalic intrusion-related porphyry copper-gold deposits (e.g. Mount Polley mine, MINFILE 093A 008) and gold-bearing propyllitic alteration zones formed in volcanic rocks peripheral to some of the intrusions (e.g. QR, MINFILE 093A 121) could also be important targets. These types of intrusions are less commonly emplaced in rocks of the basal phyllite unit but exploration for them should not be discounted. Nickel mineralization is documented in serpentinite and sheared ultramafic rocks of the Crooked amphibolite (Sovereign Creek, MINFILE 093A 013). Possible epithermal targets in Nicola Group basalts may exist. Vuggy, chalcedonic quartz-carbonate veins with elevated values of arsenic, barium and antimony outcrop on the Horsefly River near the Hobson's pit placer (MINFILE 093A 042).

The two main objectives for the diamond drilling program on the Cariboo Property in the Gold Creek area was to successfully drill the gold mineralized fault zones both for depth and core recovery and determine if the loss of core in previous drilling was significantly lowering the gold grades in mineralized intercepts. The 2011 diamond drilling was successful in achieving greater than 85% core recovery even in the most friable fault zones and the twinned drill holes returned very similar if not slightly higher gold grades to the previous drilling.

Diamond and reverse-circulation drilling in 2011 has shown that there are two orientations of gold mineralized structures a north trending structure underlying the Paquette Valley and an E-E to WNW-ESE structure which extends eastward from the Paquette Valley. Gold mineralization is contained either within highly Fe-carbonate, sericite, and silica altered and pyritic fault zones or within fractured and quartz-carbonate-pyrite veined greywacke and andesite tuff units in close proximity to fault zones. The strongest gold mineralization occurs within the sheeted quartz-carbonate-pyrite veins (Hole GC11-15 of 1.5 m @ 3.26 g/t Au and GC11-27 of 1.5 m @13.4 g/t Au) within greywacke units and this style of mineralization appears to occur along an WNW-ESE trending zone that has been traced along strike for ~ 300 m and is open to the east and to depth.

Additional soil anomalies west of Paquette Valley as well as local gold mineralization in RC holes suggest there may be more gold mineralized zones west of the valley. Also, a large soil anomaly north of where drill holes with gold mineralized intercepts occur has of been adequately explained although some zones of significant alteration zones and weak gold mineralization locally.

2.0 INTRODUCTION

2.1 Introduction

The results of the soil and rock sampling work constitute the basis of this Assessment Report.

2.2 Units

The Metric System is the primary system of measure and length used in this Report and is generally expressed in kilometres (km), metres (m) and centimetres (cm); volume is expressed as cubic metres (m^3), mass expressed as metric tonnes (t), area as hectares (ha), and gold and silver concentrations as g/t (g/t). Conversions from the Metric System to the Imperial System are provided below and quoted where practical. Many of the geologic publications and more recent documents now use the Metric System but older documents almost exclusively refer to the Imperial System. Metals and minerals acronyms in this report conform to mineral industry accepted usage and the reader is directed to www.maden.hacettepe.edu.tr/dmmrt/index.html for a glossary.

Conversion factors utilized in this report include:

- 1 troy ounce/ton = 34.285714 grams/tonne
- 1 gram/tonne = 0.029167 troy ounces/ton
- 1 troy ounce = 31.103477 grams
- 1 gram = 0.032151 troy ounces

The term gram/tonne or g/t is expressed as "g/t" where 1 gram/tonne = 1 ppm (part per million) = 1000 ppb (part per billion). The mineral industry accepted terms Au g/t and g/t Au are substituted for "grams gold per metric tonne" or "g Au/t". Other abbreviations include ppb = parts per billion; ppm = parts per million; oz/t = troy ounce per short ton; Moz = million ounces; Mt = million tonne; t = tonne (1000 kilograms); SG = specific gravity; lb/t = pound/ton; and, st = short ton (2000 pounds).

Dollars are expressed in Canadian currency (CAD$) unless otherwise noted. Zinc (Zn), copper (Cu) and lead (Pb) are reported in US$ per pound (US$/lb) or US$ per metric tonne (US$/t). Gold (Au) and silver (Ag) are stated in US$ per troy ounce (US$/oz). Where quoted, Universal Transverse Mercator (UTM) coordinates are provided in the datum of Canada, NAD83, Zone 10U North.

3.0 PROPERTY DESCRIPTION AND LOCATION

The Gold Creek Property covers a large area (9,673.262 ha) within the Cariboo region of British Columbia (Figure 1). The northern end of the Property encompasses the town of Likely and covers an area ~ 8 km north of the town. Bullion Gold Corp is the 100% owner of all of the claims that comprise the Cariboo Property.

Table1. Mineral tenure summary data for the Gold Creek Property (Nov 16, 2016).

Tenure Number	Claim Name	Owner	Issue Date	Good To Date	Area (ha)
408756	MAR 1	204887 (100%)	2004/mar/13	2017/jun/1	25.0000
408757	MAR 2	204887 (100%)	2004/mar/13	2017/jun/1	25.0000
408758	MAR 3	204887 (100%)	2004/mar/13	2017/jun/1	25.0000
408759	MAR 4	204887 (100%)	2004/mar/13	2017/jun/1	25.0000
782663	FAR 1	204887 (100%)	2010/may/31	2017/jun/1	274.7639
514859	ORO	204887 (100%)	2005/jun/20	2017/jun/1	392.3740
514935	ORO 2	204887 (100%)	2005/jun/21	2017/jun/1	411.7470
519042	AFI 11	204887 (100%)	2005/aug/14	2017/jun/1	294.1100
519043	AFI 12	204887 (100%)	2005/aug/14	2017/jun/1	470.4530
519044	AFI 13	204887 (100%)	2005/aug/14	2017/jun/1	470.4600
519056	AFI 14	204887 (100%)	2005/aug/14	2017/jun/1	235.2280
519576	AFI 15	204887 (100%)	2005/aug/31	2017/jun/1	450.7270
519613	AFI FR	204887 (100%)	2005/sep/01	2017/jun/1	19.6280
537740	AFI 1	204887 (100%)	2006/jul/24	2017/jun/1	470.8690
537744	AFI 3	204887 (100%)	2006/jul/24	2017/jun/1	490.4420
537745	AFI 4	204887 (100%)	2006/jul/24	2017/jun/1	490.2620
537746	AFI 5	204887 (100%)	2006/jul/24	2017/jun/1	470.7330
537747	AFI 6	204887 (100%)	2006/jul/24	2017/jun/1	451.2980
537748	AFI 7	204887 (100%)	2006/jul/24	2017/jun/1	470.6520
537749	AFI 8	204887 (100%)	2006/jul/24	2017/jun/1	490.2120
537750	AFI 9	204887 (100%)	2006/jul/24	2017/jun/1	451.0010
544520	AFI 2	204887 (100%)	2006/oct/27	2017/jun/1	529.8960
586636		204887 (100%)	2008/jun/21	2017/jun/1	78.4353
586750	AFI 66	204887 (100%)	2008/jun/23	2017/jun/1	58.8400
587427	FRAN B	204887 (100%)	2008/jul/05	2017/jun/1	196.3078
587428	FRAN 1	204887 (100%)	2008/jul/05	2017/jun/1	314.3122
587737	FRAN SOUTH 4	204887 (100%)	2008/jul/09	2017/jun/1	137.5223
587739	FRAN SOUTH 2	204887 (100%)	2008/jul/09	2017/jun/1	157.1200
587741	FRAN SOUTH 3	204887 (100%)	2008/jul/09	2017/jun/1	157.1234
587743	FRAN SOUTH 1	204887 (100%)	2008/jul/09	2017/jun/1	157.1152
587744	FRAN NORTH	204887 (100%)	2008/jul/09	2017/jun/1	255.2086
590114	FRAN 3	204887 (100%)	2008/aug/17	2017/jun/1	392.7128
593917	MOOREHEAD 24	204887 (100%)	2008/nov/06	2017/jun/1	314.0772
593919	MOOREHEAD 27	204887 (100%)	2008/nov/06	2017/jun/1	19.6312

Figure 1. Location of the Gold Creek Property.

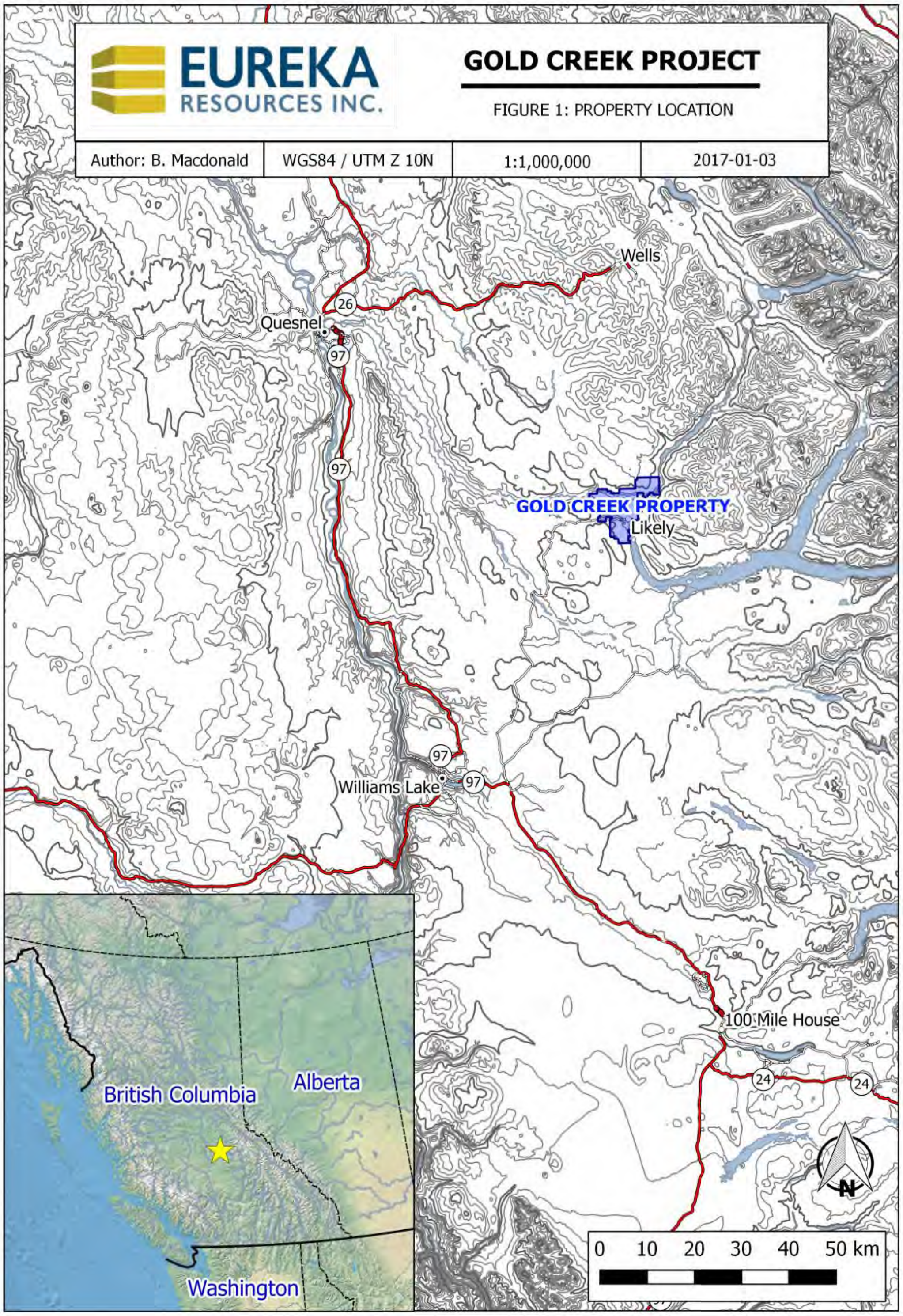


Figure 2. Gold Creek Property mineral tenure overview map.

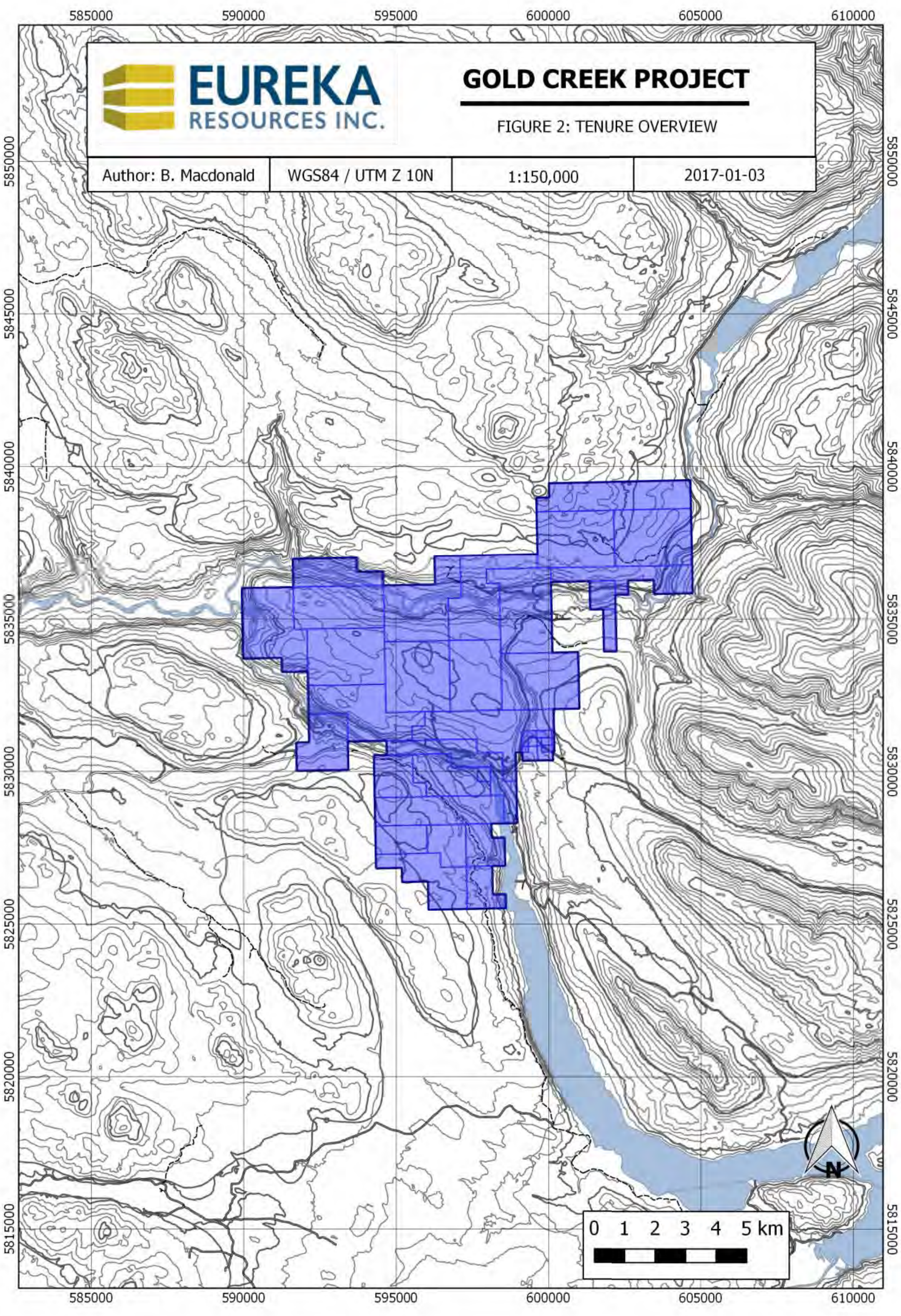
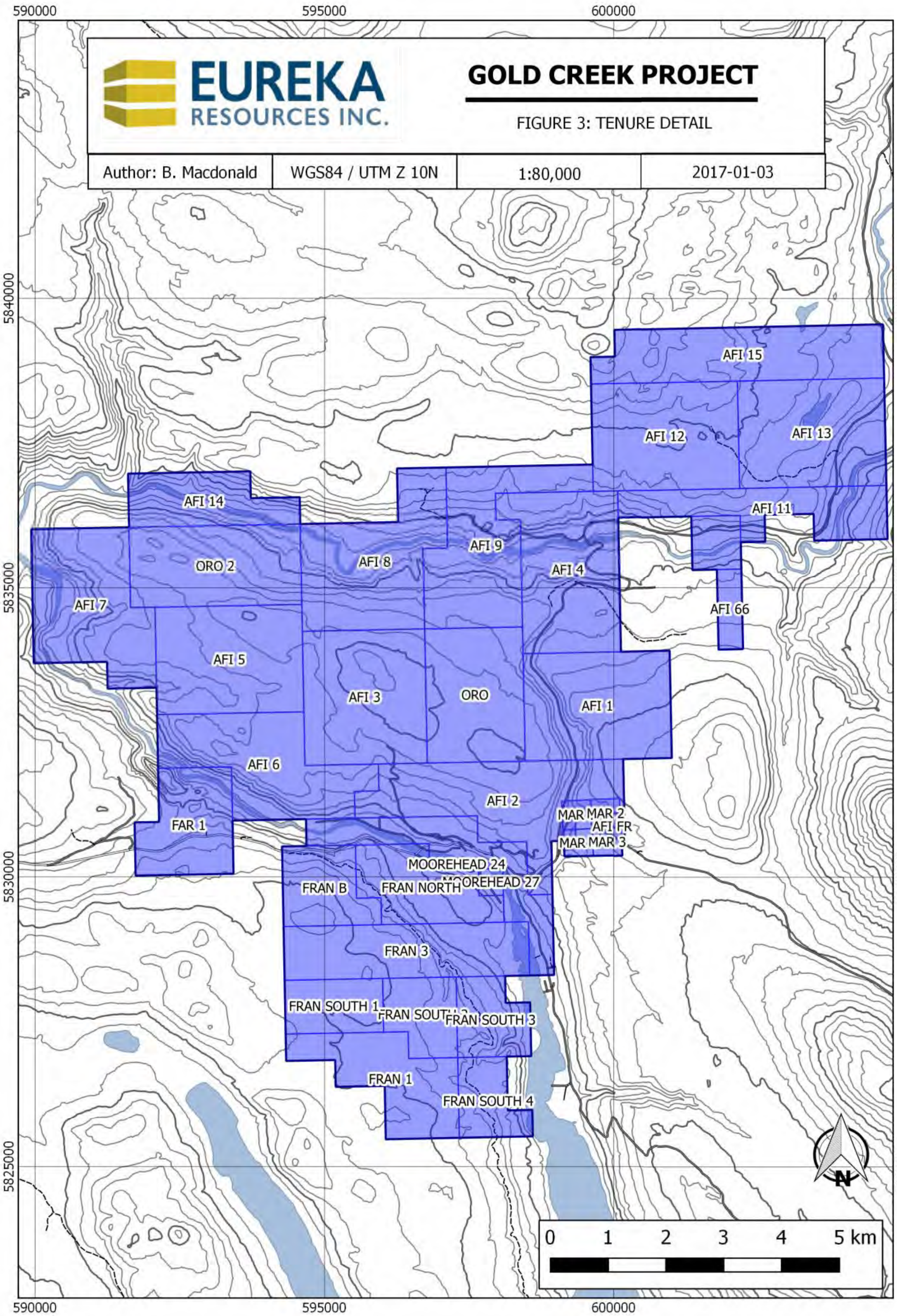


Figure 3. Mineral tenure detail map.



4.0 Accessibility, Climate, Local Resources, Infrastructure, and Physiography

4.1 Access

The area around Horsefly and Likely, BC has seen continuous forestry activity and there is an extensive network of logging roads and access trail throughout the Cariboo Region. As a result almost all areas on the Property can be accessed by 4x4 trucks and helicopter support to conduct exploration work is rarely utilized in the region.

4.2 Climate and Vegetation

The climate of the Likely-Horsefly area is modified continental, with cold, snowy winters and long warm summers. Being located just east of the Interior dry belt, the area receives about 40 cm of precipitation, with most of it falling in the winter as snow. Snow depths in the Cariboo Plateau are typically 1 to 2 m.

Flora on the Property consists mainly of mixed forests with spruce, pine and poplar being the most common trees. Dense undergrowth is common on the northern end of the Property where generally precipitation is greater than in the south were lodge pole pine forests become increasingly more dominant. At elevations greater than ~1200 to 1200 m sub-alpine flora occur progressing up slope to alpine flora.

4.3 Physiography

The Cariboo Property lies in a transitional zone between the Cariboo Plateau, the easternmost part of the larger region of Interior Plateaus and the Cariboo Mountains to the east. In general the Property physiography consists of gently undulating hills, valleys and low mountains, with higher and steeper sub-alpine and alpine terrain of the Cariboo Mountains on the extreme eastern margin of the Property. Elevations on the Property range between 900 to 1100 m above sea level except for the eastern portions of the Property where locally elevations can reach ~ 2000 m ASL. The Cariboo Plateau is deeply incised by the Quesnel Lake and Quesnel River valley where elevations are ~ 300 to 500 m lower than the Plateau. At the Forks of the Quesnel and Cariboo Rivers the elevation is ~ 640 m ASL.

Bedrock exposure throughout the region is very poor with large areas are covered by glaciofluvial deposits, till sheets and moraines with trains of large glacial erratics. North-westerly glacial transport is consistent throughout the area with local zones showing more westerly ice movement trends.

4.4 Infrastructure and Local Resources

The nearest major city centre is Williams Lake a resource (mining, logging, and ranching) based community with an experienced labour force. It is the main supplies and services point for fuel, groceries, accommodation and heavy construction equipment. It has regular scheduled air and train service. The village of Likely with 350-400 residents, is serviced with power and offers accommodations, a small grocery store and local small equipment contractors for mineral exploration purposes. A major electrical transmission line serves the Mount Polley copper-gold mining operations located some 8 km due south-southwest of Likely. The town of Horsefly is another small community (~300 people) that provides accommodations, fuel, and some small equipment operators.

5.0 PROPERTY HISTORY

This Property History section is taken from a previous assessment report written on Tiex Inc. and Bullion Gold Corp.'s behalf, by John Buckle (2010).

Records of gold mining in the Quesnel River area date back to the earliest history of placer mining in British Columbia. There is mention as early as 1852 of natives trading gold nuggets from unknown sources at the Hudson's Bay Company trading post at Kamloops.

In 1859, rich river-bar placer gold was first found in the Quesnel River in an area what was to become the settlement of Quesnel Forks. Shortly after, placer gold was found at the confluence of Horsefly and Little Horsefly rivers, prospectors reportedly took out 101 ounces in one week. The news of rich placers in the Cariboo travelled quickly and the great Cariboo gold rush began. In 1860, prospectors from Quesnel Forks worked up the Cariboo River to Cariboo Lake where rich placer was found on Keithley and Antler creeks. The following season saw further prospecting up the creeks and over the divide into Williams Creek. The phenomenal richness of the gravels in this creek surpassed all the previous diggings to date. Nearly a thousand miners descended the area and for four years the surface gravels produced unheard of amounts of gold, approximately $2,000,000 worth (117,647 ounces at $17.00 per ounce). Between 1874 and 1945, a recorded 827,741 ounces of gold, valued at $14,898,601, was recovered from the Cariboo (Holland, 1950).

The Bullion pit located on the south side of the Quesnel River, about 8 km downstream from Likely, was the largest hydraulic mine in the Cariboo region and one of the largest in the world. Work began in the early 1870's, continued through to the 1940's. The greatest amount of production was through the periods 1894 to 1905 and 1934 to 1941. Approximately 171,000 ounces (5320 kg) was recovered up to 1942 (Panteleyev, et al, 1997).

The main activity took place in the Wells-Barkerville, Lighting Creek, Keithley Creek, Quesnel Forks-Likely and Horsefly River regions. These areas are still being worked for placer gold, though at a much reduced scale.

In more recent times the principal exploration and economic development targets in the central Quesnel belt-Cariboo region have been for lode gold- copper type deposits. This includes: alkalic intrusion-related porphyry copper- gold deposits; gold-bearing propyllitic alteration zones formed in volcanic rocks peripheral to some of the intrusions; auriferous quartz veins in the black phyllite metasedimentary succession.

Mount Polley copper-gold porphyry (i) deposit (formerly Cariboo-Bell) is located 56 km northeast of Williams Lake and 8 km southwest of Likely. The deposit was discovered in 1964. The initial pit reserves are stated to be 48.8 million tonnes of material with an average grade of 0.38% copper and 0.56 g/t gold (Nikic et al., 1995). The geological resource is estimated at 230 million tones with an average grade of 0.25% copper and 0.34 g/t gold (MINFILE). Total proven and probable reserves as of January 1, 2007 are 59.9 million tonnes of 0.36% copper, 0.27 gram per tonne gold and 0.73 gram per tonne silver (www.imperialmetals.com) The QR is a 'porphyry-related propyllite (ii) skarn gold deposit' (Panteleyev et al., 1997). It represents a new type of bulk-mineable gold occurrence in the Canadian Cordillera.

The QR is 58 km southeast of Quesnel and 10 km west of Quesnel Forks. It was discovered in 1975 by multi-element geochemical soil surveys. In 1986, mineable reserves in three zones were 1.3 million tonnes with 4.7 g/t gold (Fox and Cameron, 1995). As of 1998, 1.06 Mt of ore grading 4.1 g/t gold had been processed. Mine operations were subsequently suspended due to low gold prices. Cross Lake Minerals Ltd. recently obtained the mine and conducted and an aggressive exploration program. As of March 2006, the mineable reserves are 566,300 tonnes averaging 6 g/t gold. In September 2007, the company resumed mining operations.

Auriferous-bearing quartz veins (iii) hosted in metasedimentary rocks (e.g. phyllite/black shale units) have been found on Spanish Mountain 7 km southeast of Likely and Eureka (Frasergold) 57 km east of the community of Horsefly. In 1933, gold-quartz veins were first discovered on Spanish Mountain. During the 1980s a series of exploration programs was conducted in this area by a number of various mining companies. Presently, Skygold Ventures Ltd. is undertaking an aggressive drilling program and has outlined a gold mineralized system measuring 1200 m by 500 m (Main Zone) with thickness between 10 to 135 m and grades averaging around 1.0 g/t gold (March 27,2008, www.skygold.ca). In the 1980s gold veins were discovered on Frasergold property. Between 1980 and 1994, exploratory drilling delineated an auriferous-bearing horizon traceable for 10 km along strike. Within this horizon, a zone 800 m to a depth of 100 m was defined containing a resource of 3.2 million tonnes grading 1.71 g/t Au (Panteleyev et al, 1997).

Some of the earliest (circa 1920s and earlier) reported gold placer workings on the Property were on Lawless Creek and Rose Gulch near Quesnel Forks and on Poquette Creek two km east of Likely. These workings were small intermittent operations and no records exist for the amount of gold recovered. Gold Creek, a small stream (usually dry or to a small trickle in summer months) which empties into Poquette Creek about 2.5 km north of Likely, is reported (Beaton, ARIS 07635A, 1978) to have been worked some time during the early part of the 1900s. At the point where the creek emerges from a gully to merge with Poquette valley, early prospectors noted a system of quartz stringers occurred in bedrock at, and just above the creek level. Subsequently these stringers were investigated by an adit (and winze?) now concealed under talus; and later by blasting and cat trenching to open the showings. Unfortunately results of this early work are not known to the author and no records appear to be in existence.

In 1977, prospector R. Mickle staked ground including the Gold Creek old workings and the quartz showings noted above. These showings are also referred to as the Moose' showings (Owsiacki, 2007). In 2006, Mickle sold the claims to Bullion Gold Corp. covering the Gold Creek area.

From 1978 through to the late 1980's the ground now covered by the Property experienced various stages of exploration surveys by several different exploration and mining companies.

In 1978, Silver Standard Mines Ltd. initially optioned the claims from Mickle and conducted limited geochemical soil surveys followed by four diamond drill holes in the Gold Creek-Poquette valley area. On the east slope of Poquette valley parallel to Gold Creek, geochemical results were as high as 620 ppb and 900 ppb Au. Directly across the valley on the west slope, some of the more anomalous geochemical values ranged between 120 ppb to 1800 ppb Au. Four widely spaced drill holes were positioned to test the geochemical anomalies on either side of the valley and also to test the gold-bearing quartz veins near the old workings. The drill results returned low gold values this is probably due to the poor core recovery and badly broken rock, one hole was abandoned and the other three did not reach their planned targets. No further drilling was carried out.

In October 1979, the author along with Dr. John Godfrey of the University of Alberta examined the Gold Creek showing as well as number of other gold anomalous areas Mickle had uncovered including workings on Spanish Mountain. Continuous chip sampling was carried out along an exposed rock face adjacent to Gold Creek in the area of the former old workings. Samples were collected from both of the mineralized quartz veins and host rock. Results from this sampling included 1.7 g/t gold and 8.7 g/t silver across 20.7 m. Within this interval was 2.3 g/t gold across 12.48 m. The altered host rock was also found to carry gold and silver averaging between 0.815 g/t and 8.7 g/t respectively. Between 1980 through to 1993 various mining and exploration companies examined ground primarily concentrating in a 75 km^2 (approximately 15 km by 5 km) area, from Quesnel Forks and to Spanish Mountain including the Property now owned by Bullion Gold Corp.

In 1980, Aquarius Resources Ltd acquired most of the claims in the Likely area from Mickle and partnered with Carolin Mines Ltd.

Between 1980 and 1994 reconnaissance geochemical soil surveys and airborne EM and magnetometer surveys were completed. Between the Forks and Poquette valley several isolated gold geochemical highs were out lined with a magnetic anomaly trending north-westerly between the Forks and Spanish Mountain. Some limited trenching was conducted but with marginal success due to the thickness of overburden. Majority of the gold highs are believed to be glacial or placer related with basaltic rocks encountered in the shallower trenches producing the magnetic signature.

In 1984-1986, Mt. Calvery Resources Ltd. in joint venture with Carolin conducted a comprehensive geochemical exploration program which included backhoe trenching of gold anomalous areas. Eleven backhoe trenches were dug to test some of the better gold soil anomalies located between Rossette Lake (east of the Forks) north to the

Cariboo River, now part of the Property, but only 4 reached bedrock. The old 'LK' prospect located by Mickle was trenched and chip samples collected from altered (epidote, carbonate, silica) basalt, some of the better values included one 4 meter chip assaying 535 ppb and a grab sample returned 3100 ppb (3.1 g/t Au). Mickle reported initially obtaining a grab sample from this prospect with gold values of 7100 ppb. Gold Creek was also soil sampled with gold values peaking to 89,000 ppb. Mt. Calvery describes the Gold Creek mineralization as contained within a prophylitic alteration haloe surrounding a poorly exposed diorite stock located just west of Poquette Creek.

Eighteen additional test pits were completed in the Murderer Creek area north of the Cariboo River and west of Poquette Creek and Potter's Mill. Ten reached bedrock encountering basalt or andesitic rocks. Majority of the isolated gold soil highs are believed to be glacial or placer related. Mt. Calvery concluded due to the thick mantle of glacial till it severely restricted the effectiveness of the geochemical survey. One of the test pits encountered elevated values in gold (245 ppb), silver (1.5 ppm), copper (310 ppm) and arsenic (1942 ppm) near bedrock located about 300 m northwest of Potters Mill.

A total of 45 test pits were completed to test both geochemical and I.P. anomalies. Majority of the pits encountered weakly (silicified) altered basaltic rocks. Some of the basalt is weakly (1-3%) pryitized which may be sufficient to explain some of the I.P. anomalies.

In 1987, Dome Exploration (Canada) Ltd. conducted a 28 percussion drill hole program on four of the soil anomalies outlined from Mt. Calvery surveys. Five foot (1.5 m) continuous chip sample intervals were collected from surface to bottom of each hole. Most of the holes were positioned east of Poquette Lake along the south side of the Cariboo River and east of Murderer Creek. In addition, a 15 meter trench was dug and sampled over an area where visible gold was found in float sample. Majority of the holes encountered 20 feet (6.1 m) of overburden or greater before hitting bedrock with one hole going 150 feet in overburden. Some of the holes were abandoned in overburden most encountered dark green augite porphyry basalt with negligible gold values. The best results came from h ole 329- P25. It is described as encountering 20 feet of overburden with bedrock as light grey-green, fine grained andesite tuff and trace amounts of pyrite, epidote and mariposite drilled to a depth of 200 feet (61 m). Local zones of quartz and calcite to 10% noted throughout. A section from top of bedrock to a depth of 135 feet (41 m) returned elevated gold, copper and arsenic values, which included a 7.6 meter section (25'-50') ranging 91-1115 ppb gold. This hole is located near the south end of Poquette Lake and some 150 m west of Porter's Mill. The geological description of the hole resembles that of the auriferous-bearing host rock found on Gold Creek.

In 1989, Corona Corporation optioned the ground from Carolin Mines Ltd. Corona also concentrated its exploration efforts on ground Mt. Calvery and Dome had previously sampled, ground now covered by the Property. Corona sample the Gold Creek exposed section across 6.2 m averaging 3.43 g/t gold. Additional rock sampling and limited geological mapping was also conducted on the west side of Poquette Creek south of the road to Potter's Mill. Two samples were collected from altered, hematite stained diorite which returned low gold values but high silver values of 71.8 and 27.7 ppm. This is also in the approximate area where Silver Standard Mines Ltd. (1978) obtained several elevated gold values in soil including one oil sample containing 1.8 g/t gold. Corona also sampled the LK trench. Anomalous gold values (320 ppb to 2150 ppb) were returned for all but three of the rocks assayed. Silicified vesicular basalts with chalcopyrite, disseminated pyrite, 2mm quartz veinlets and carbonate clots assayed 2.15 and 1.72 g/t gold. Much of the work conducted by Corona was of reconnaissance in nature and to investigate and verify previous gold anomalous areas the above noted companies had already tested and defined. Corona subsequently dropped their option.

Other than a small block of claims covering Gold Creek held by Mickle, the surrounding ground eventually came open and lay dormant for several years. In 2006, with the introduction by BC Ministry of Energy, Mines and Petroleum Resources of Mineral Titles Online (MTO), companies including Bullion Gold Corp. began acquiring ground in the Likely area. In 2006-07, Skygold Ventures Ltd announced a series of positive gold results from its drilling program on Spanish Mountain this, along with a dramatic increase in the price of gold, spurred a lot of interest along the Quesnel Belt. In the summer of 2006, Bullion Gold Corp. purchased the Gold Creek claims from Mickle, now part of the Property.

During the summer of 2007, the author conducted detail mapping and sampling surveys of the Gold Creek section as well as research and compilation of previous work and preliminary field investigation on parts of the property. Continuous chip samples taken from the Gold Creek section across 20.5 m returned a weighted average assay of 4.34 g/t gold included in this section is 9.55 g/t gold across 8.5 m. In 2008, Bullion plans to aggressively drill the Gold Creek section and test both the east and west sides of Poquette Creek valley.

In 2008, Bullion Gold Corp. on behalf of Tiex Inc. conducted an 11 hole drill program on the Gold Creek zone on the west side of the Poquette Valley. Due to poor recoveries of drill core the zone was not thoroughly investigated. However, sampling of the core indicated a significant gold zone in drill holes GC08-1, 2, 3, 4, 5 and 6. Drill hole GC08-11 on the west side of the Poquette valley encountered a short section of the Gold Creek zone near the top of the hole. Also, in 2008, Bullion undertook an MMI soil sampling survey on the west side of Poquette Valley. A gold anomaly was identified and drilling was recommended on this anomaly.

In 2009 and 2010, Bullion/Tiex collected 2807 reconnaissance MMI soil samples over numerous target areas on the Gold Creek Property which include the Gold Creek, Spanish Forks, Viewland (Horsefly Mountain), Jack, Jamboree, McKee Lake, Moffat Lake, Crooked Lake, Bosk Lake and Elbow Lake areas. Some of these survey lines were conducted in areas with previous conventional "B" horizon soil sampling data and the MMI data was used to better define bedrock targets as the MMI sampling technique and analysis is designed to be unaffected by glacial dispersion and alluvial movements of overburden. Also, Bullion twinned two of the drill holes from its 2008 program using a sonic drill. This was done to improve test if the zones with poor core recovery in the 2008 program were gold mineralized fault zones. They successfully demonstrated that the gold grades in these two holes were nearly twice that of the 2008 holes.

6.0 GEOLOGICAL SETTING

The "Geological Setting" section presented here is taken from a NI 43-101 report written for Tiex Inc. and Bullion Gold Corp. by G. Owsiacki (2007).

6.1 Regional Geology

The Gold Creek Property lies along the eastern margin of the Intermontane Belt along its tectonic boundary with the Omineca Belt. The property area is almost entirely within Quesnellia, alternatively referred to as Quesnel Terrane. The western terrane boundary of Quesnellia rocks with Cache Creek Terrane rocks is marked by a zone of high-angle, strike-slip faulting that is probably the southern extension of the Pinchi fault system. Along the eastern margin of the property area, rocks of Quesnellia and a thin slice of underlying Crooked amphibolite, part of the Slide Mountain Terrane, are structurally coupled and tectonically emplaced by the Eureka thrust onto the Barkerville subterrane of the Omineca Belt.

The predominantly Triassic and Early Jurassic volcanic and related volcaniclastic rocks that characterize Quesnellia overlie a thin, discontinuous slice of Crooked amphibolite. Struik (1986, 1988a) regards the amphibolite as the basal unit of Quesnellia and considers the contact between Quesnel rocks and the amphibolite to be structural, as does Bloodgood (1988). On the other hand, Struik (1981, 1985a) refers to a depositional contact in some places. Also Rees (1987) suggests that the two map units have a depositional contact and were linked as a single composite terrane by the Late Triassic. He considers the amphibolite to be correlative with rocks of the Slide Mountain Terrane but refers to it as the Antler Formation in order to suppress the implication that it might be tectonically separated from Quesnellia. Basement for Quesnellia is probably rocks of the Harper Ranch Subterrane. These are Devonian to Permian oceanic marginal basin or arc volcanics and sediments that locally contain mafic intrusions and alpine-type ultramafic rocks. Along the Eureka thrust, the eastern boundary of Quesnel Terrane, rocks of Quesnellia are superimposed on the intensely deformed, variably metamorphosed Proterozoic and Paleozoic pericratonic rocks of the Barkerville Subterrane. The western part of the Intermontane Belt, Stikinia, is separated from Quesnellia by rocks of the Cache Creek Terrane. It is composed of mainly Mississippian to Middle Triassic oceanic and island arc volcanics and sediments.

The Quesnel Lake area contains four main tectonic assemblages. The principal assemblage in Quesnellia, the predominant unit in the Gold Creek Property area, is the Triassic-Jurassic Nicola island arc - marginal basin sequence. The underlying rocks are the Crooked amphibolite, part of the Slide Mountain assemblage, a mylonitized mafic and ultramafic unit of oceanic marginal basin volcanic and sedimentary rocks. The Barkerville Subterrane to the east, a continental prism sequence, is made up of two units, the Snowshoe Group and Quesnel Lake gneiss. The Snowshoe rocks are Hadrynian Upper Proterozoic) to Upper Devonian metasediments that are considered to be correlative in age with Eagle Bay rocks of the adjoining Kootenay Terrane to the south. The Quesnel Lake gneiss, found locally near Quesnel Lake within regions of predominantly Snowshoe rocks, is a Devonian to Mississippian intrusive unit. Further to the east of the Barkerville Subterrane are Kaza and Cariboo groups rocks of the Upper Proterozoic to Carboniferous Cariboo Subterrane, a continental margin assemblage. To the west of Quesnellia are Permian and (?) older limestone and Mississippian to Upper Triassic sedimentary rocks of the Cache Creek assemblage, an oceanic melange. Two other minor map units in the northern part of the Quesnel Trough include small fault bounded, fragments of tectonic assemblages. These are oceanic ultramafic rocks, part of the Slide Mountain Group, exposed along a northern segment of the Eureka thrust, and a small wedge of Cambrian shale, sandstone and limestone by Dragon Lake near Quesnel.

Some parts of the main tectonic assemblages in Quesnellia and the adjoining terranes are extensively overlapped by younger successions of sedimentary and volcanic rocks and intruded by post-accretionary plutons. Within the Quesnel Trough, near Quesnel and near its western margin along the Fraser River, these units include Lower and Middle Jurassic arc derived clastic rocks. The rocks are considered to be equivalent to the Hall and Ashcroft formations of south-eastern and southern Quesnellia. This unit in the Quesnel River area contains a number of undifferentiated clastic successions including rocks as young as Cretaceous. Subaerial volcanic rocks and the clastic aprons and lacustrine deposits derived from them include Palaeogene Kamloops Group transtensional arc volcanics and Neogene Chilcotin Group back-arc volcanics. Locally Neogene Fraser alluvial sediments are exposed through a regionally widespread cover of Quaternary deposits.

Intrusive rocks in Quesnellia include pre-accretionary and accretionary Early Jurassic plutons and also some mid-Cretaceous post-accretionary stocks. Early Jurassic intrusions (182-214 Ma) include both calcalkaline plutons that are equated with intrusions of the Guichon Creek batholith as well as high-level alkaline stocks similar to the Copper Mountain suite. Some other unclassified intrusions form suites of dioritic and granodioritic stocks. Postaccretionary intrusions (87-130 Ma) are equivalent to the Bayonne granitic suite as well as some additional unclassified granodioritic intrusions. Tertiary plutonic rocks have not been discovered in the area, although Eocene alkalic volcanic rocks and lamprophyric dikes are known to occur.

The terminology used for the Mesozoic volcanic arc rocks in Quesnellia has been inconsistent in the past. The usage for all the Triassic-Jurassic volcanic arc and related rocks in Quesnellia currently preferred and advocated is Nicola Group (Gabrielse and Yorath, 1991; Wheeler and McFeely, 1991).

6.1.1 Structure

The structures of the central Quesnel belt were initially produced during accretion of Quesnellia arc rocks and the underlying Crooked amphibolite with rocks of the North American continental prism and is interpreted to have taken place from 186 to 180 Ma (Nixon et al., 1993). Subsequent tectonic activity resulted in a number of overlapping and dominating phases of deformation. Folds are most evident in basal phyllite underlying and inter-fingering with Nicola Group arc volcanic rocks, and thin sedimentary units interbedded with overlying basaltic volcanic rocks. The volcanic rocks are extensively block faulted but the massive appearance of the volcanic assemblages does not readily allow the definition of folds and the resolution of fold patterns within the volcanics.

Previous workers have identified from two to five phases of folding and Elsby (1985) suggested that normal faulting represents a sixth phase of regional deformation. In the eastern part of the Quesnel Terrane, Rees (1987) has described five deformational episodes which he relates to the development of the arc, its subsequent accretion with cratonic North America and to later tectonism involving pericratonic and cratonic rock of the Omineca Belt as well as allochthonous Quesnellia. McMullin considered that five phases of deformation can be recognized in the Quesnel Lake area, mainly in the well stratified metasedimentary successions of the Barkerville Subterrane which is not part of Quesnellia. The first four phases produced coaxial folds with north-westerly trending axes and variably dipping axial planes. These folds are overprinted by north-easterly striking folds with vertical axial planes. McMullin's phase one structures are present only in rocks of Barkerville Subterrane and possibly the Crooked amphibolite, the basal oceanic rocks on which Quesnellia evolved. He considered that the oldest structures in Quesnellia formed during the second phase of regional deformation, producing tight to isoclinal folds with a well developed axial planar fabric. The attitudes of these folds are affected by later deformation, but generally fold axes trend to the northwest. Rees (1987) suggested that these folds have north-easterly to easterly vergence.

The third phase of regional deformation recognized by McMullin generated upright to semi-recumbent, westward-verging 'backfolds' that are considered to be responsible for the major map-scale features in the property area. The fold axes trend north-westerly and that axial planes generally dip steeply to the northeast. A second cleavage is a non-penetrative crenulation that is indistinguishable from the older cleavage. At higher structural levels the rocks have either a crenulation or spaced-fracture cleavage. Some metamorphic mineral growth is evident with this deformation but the events are generally post-metamorphic. Late deformation with possibly two separate, possibly conjugate fold systems, is described by McMullin. The late deformation produced open small-scale buckles and warps. In one system upright axial planes of folds with poorly developed fracture cleavage trend north or northwest. The youngest fold axes trend north-eastward. The late deformation postdates peak metamorphism and some retrogression is evident.

Faulting of three types and discrete periods is evident: thrust faulting that coincides with accretion outlines the major crustal structures and defines the terrane and major map unit boundaries; high angle to listric normal faults that either follow the north-westerly trend of stratigraphic units or are transverse to them and strike easterly to north-easterly; and late strike-slip movements along the western terrane boundary and related extensional faulting within the associated transtensional basins.

The major, early low angle thrust fault in the property area is the Eureka thrust, a boundary fault between the Crooked amphibolite of Quesnellia and the underlying rocks of Barkerville Subterrane. Brown and Rees (1981) and Rees (1987) refer to the Eureka thrust as the Quesnel Lake shear zone. Struik (1988a) also suggests that one and probably more thrusts are internally present in the Quesnel basal sedimentary unit. In the volcanic units low-angle

Figure 4. Regional geology map of the Gold Creek Property.

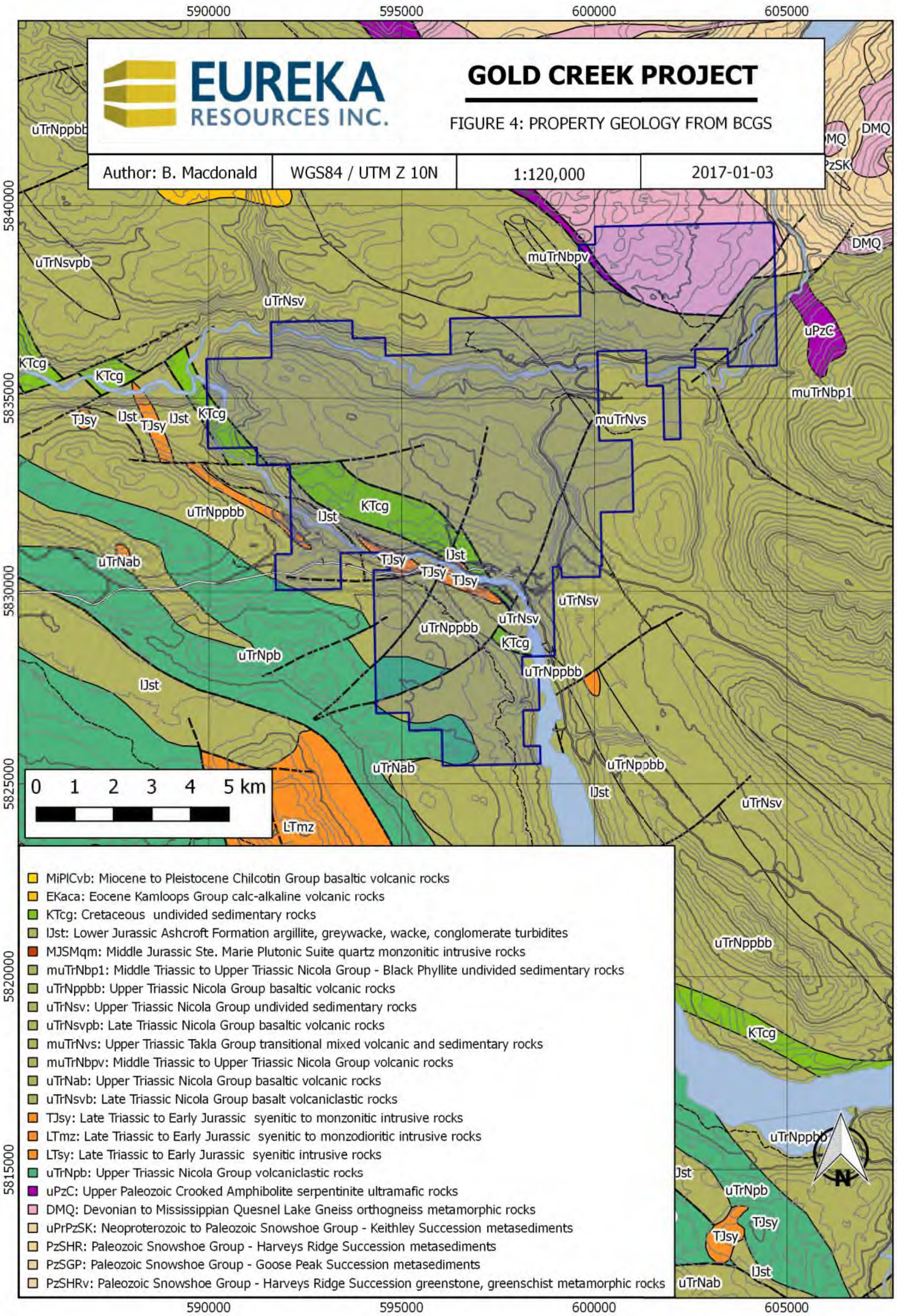


Figure 5. Map legend.

Regional Geology Legend:

- Unnamed, Age Unknown
- Unnamed, Holocene
- Chilcotin Group, Miocene to Pleistocene
- Unnamed, Pleistocene
- Kamloops Group, Eocene
- Ootsa Lake Group, Eocene
- Unnamed, Late Cretaceous to Paleogene
- Unnamed, Cretaceous
- Nicola Group, Lower Jurassic
- Nicola Group, Middle Triassic to Upper Triassic
- Nicola Group, Upper Triassic
- Quesnel Lake Gneiss, Devonian to Mississippian
- Unnamed, Early Jurassic
- Unnamed, Jurassic
- Unnamed, Late Triassic to Early Jurassic
- Unnamed, Lower Jurassic to Middle Jurassic
- Unnamed, Middle Jurassic
- Unnamed, Mississippian
- Cache Creek Complex - Marble Canyon Formation, Permian to Triassic
- Cache Creek Complex, Permian to Triassic
- Crooked Amphibolite, Upper Paleozoic
- Black Riders Mafic-Ultramafic Complex, Upper Paleozoic
- Shuswap Assemblage, Proterozoic to Paleozoic
- Cariboo Group - Isaac Formation, Upper Proterozoic
- Cariboo Group - Isaac, Cunningham and Yankee Belle Formations, Upper Proterozoic
- Cariboo Group - Yankee Belle Formation, Upper Proterozoic
- Cariboo Group - Yanks Peak Formation, Upper Proterozoic to Cambrian
- Cariboo Group - Yanks Peak and Midas Formations, Upper Proterozoic to Cambrian
- Cariboo Group - Yanks Peak, Midas, Mural and Dome Creek Formations, Upper Proterozoic to Cambrian
- Cariboo Group - Cunningham Formation, Upper Proterozoic
- Snowshoe Group - Bralco Succession, Permian
- Snowshoe Group, Paleozoic
- Snowshoe Group, Upper Proterozoic to Paleozoic
- Kaza Group - Middle Division, Upper Proterozoic
- Kaza Group - Upper Division, Upper Proterozoic
- Kaza Group, Upper Proterozoic

faulting is difficult to document but evidence for it is available in a number of places. For example, during periods of low water flow in the Quesnel River near Likely, a flat lying, sinuous fault and 1-metre wide shear zone mark the contact between older hanging wall basaltic rocks and footwall sedimentary rocks. Also at the QR deposit, 13 km northwest of Likely, one or more reverse fault structures are present and are cut by younger, steeply dipping normal faults.

North-easterly and north-westerly striking normal faults are rarely seen in outcrop but are interpreted from outcrop distribution and patterns of map units and their aeromagnetic expression (Panteleyev et al., 1996). A case for early, east-side-down, normal fault structures that trend along the axis of the volcanic belt has been made by Bailey (1978). The faults outline the trends and form contacts of many of the volcanic units and appear to have controlled the distribution of eruptive centres. Reactivation of these high-angle extensional faults postdates thrusting but is no later than Cretaceous as granitic rocks of this age do not appear to be cut by them.

A third set of faults is present as a number of major, strike-slip structures along the poorly exposed terrane boundary of the western Quesnel belt with Cache Creek rocks. Narrow belts of Middle Jurassic and younger clastic deposits are preserved along the fault zones. These faults are part of the Pinchi and Fraser fault systems; a subsidiary fault system along the Quesnel River, its location only inferred, is informally named the Quesnel fault. Extensional faulting in the Quesnel central volcanic belt during the mid-Tertiary is possibly also related to the large scale strike-slip faulting. The structural extension has produced a number of small, north to north-westerly trending grabens that are probably transtensional basins. They were sites of Eocene sedimentation and volcanism.

Fractures, many filled with quartz, are common features at all scales in the Eureka Peak and Spanish Lake areas. Some quartz veins are deformed and others are not, indicating that fracturing occurred throughout the deformational history. It is likely that veins formed as part of a continuum during the evolution in structural development. The quartz veins most commonly vary from 1 to 20 mm in width and tens of cm in length but can be up to a metre wide and several m long. Small, early quartz veins outline rootless isoclinal folds, the limbs of which have been removed, probably as a result of pressure solution along the cleavage surfaces. Extensional, quartz-filled fractures and dilations oriented at low angles to bedding and cleavage, as well as sigmoidal fractures perpendicular to fold axes, occurs predominantly in the metasedimentary successions.

Un-deformed, spaced fractures are developed in all rock types throughout the region. Spacing of fractures varies from 1 to 100 cm and varies in rocks of different competency. Open joints have also been recognized throughout the area. They are oriented perpendicular to the fold axis and axial plane of the mesoscopic folds and dip steeply to the north and south.

Metamorphic grade of the rocks of the central Quesnel belt is, for the most part, sub-greenschist facies. Read et al., (1991) assigns the rocks to mainly the prehnite-pumpellyite zone. Prehnite has been infrequently noted but the volcanic rocks are characterized by the widespread occurrence of zeolite mineral assemblages, typical of burial metamorphic conditions. Sedimentary rocks are metamorphosed to greenschist facies in the easternmost part of the property area. The higher grade in the eastern part of the belt is attributed to crustal thickening caused by thrusting of Quesnellia over the Omineca Belt and to subsequent deformation at the Barkerville-Quesnellia contact.

6.2 Property Geology

The Cariboo Goldfield Project are primarily underlain by one fundamental element of the Quesnel belt - a basal, Middle to Late Triassic fine grained sedimentary unit (Nicola Group) that represents a basin-fill succession and commonly referred to as the 'black phyllite unit'. This sedimentary succession has been subdivided into separate map units by Bloodgood (1990) and Panteleyev et al., (1996). The clastic rocks are weakly metamorphosed and weakly to strongly deformed at deeper structural levels. In the eastern part of the property the rocks dip toward the southwest; in the western part, they dip to the northeast. The Frasergold (Eureka) and Spanish Mountain auriferous quartz vein deposits (MINFILE 093A 150, 043) are hosted in the 'black phyllite unit'. These deposits do not occur on Gold Creek Property claims but either adjoins or is adjacent to them.

Along the Property's eastern boundary the 'black phyllite unit' structurally overlies a thin, tectonically emplaced oceanic crustal slice, the Mississippian-Permian Crooked amphibolite. The basal unit of dominantly black phyllitic rocks overlies Crooked amphibolite along a variably tectonized depositional contact or unconformity. Locally, as in the Spanish Lake area, the contact is folded and imbricated by a number of thrust faults. The amphibolite defines the Quesnel Terrane boundary with Barkerville Subterrane metamorphic rocks of the Snowshoe Group and Quesnel Lake gneiss. The amphibolite is separated from the underlying Barkerville Subterrane rocks along a thrust fault. The fault, or more generally a wide zone of mylonitization, has been termed the Quesnel Lake shear zone or Eureka thrust. The amphibolite forms a thin, recessive unit about 250 m thick; locally it is only a few m in thickness or discontinuous. Crooked amphibolite is distinguished from other metamorphic rocks by its shear fabric, highly strained contacts, mechanical imbrication, mylonitic fabric and abundance of amphibolite. Rees (1987) describes three major (schistose) constituent rock types: greenstone, metagabbro and meta-ultramafite. In the Eureka Peak area map units consist of coarse grained hornblende schist, talc-chlorite schist and actinolite schist. Along strike, north of Quesnel Lake, there are units of mafic metavolcanics, amphibolite, chlorite schist, serpentinite and ultramafic rocks; pillow lavas are present locally. Hadrynian to upper Devonian Snowshoe Group rocks are commonly finely foliated due to strong deformation and dynamic recrystallization, especially near lithologic contacts and the top of the unit. Major lithologies include pelitic to semipelitic (quartzose) schist, micaceous quartzite, feldspathic schist, metasiltite and phyllite with lesser grit, calcareous phyllite, micritic limestone, marble, calc-silicate, amphibolite and amphibolitic gneiss. Devonian to Mississippian Quesnel Lake gneiss forms tabular to sill-like intrusive bodies of megacrystic quartz-feldspar augen gneiss. The gneiss along the Quesnel-Barkerville terrane boundary has a well developed mylonitic fabric in places and is mechanically intercalated with Crooked amphibolite. Quesnel Lake gneiss shows considerable variation in composition from diorite to granite to syenite.

A main Late Triassic to Early Jurassic volcanic assemblage occupies the central, north-westerly trending elongate axis of the Quesnel belt and lies along the western border of the property boundary. The Nicola Group volcanic assemblage comprises three main units: a main volcanic edifice of basaltic flows, breccia and flanking volcanic-source detritus; an upper, more differentiated pyroclastic and volcaniclastic unit; and a small flow unit of subaerial basalt. These rocks are overlain by various successions of late Early Jurassic rocks and younger, possibly Cretaceous, coarse clastic deposits. Late Triassic to Early Jurassic alkalic intrusive rocks are coeval with the youngest periods of arc volcanism in the Nicola rocks and represent the most common type of intrusions in the area. The intrusive bodies can occur as plutons and smaller stocks and plugs, dikes and sills. Stocks ranging from diorite to syenite in composition intrude sedimentary rocks of the 'black phyllite unit' and the older overlying volcanics. A number of the dioritic bodies are composite stocks or are zoned due to differentiation into monzonite and syenite phases. The most abundant intrusive rock type is fine to medium grained, equigranular to weakly porphyritic syenodiorite and less commonly diorite. The Spanish Mountain and Frasergold deposits consist of auriferous quartz veins and are hosted in the 'black phyllite unit'. Bloodgood (1990) and Panteleyev et al. (1996) have identified and described the map units within this sedimentary succession and their descriptions are provided below. Contacts between the lithologic units appear to be gradational but the package is strongly tectonized internally. The Middle to Late Triassic sedimentary units that overlie the Crooked amphibolite and that underlie or interfinger with the Quesnel arc volcanics are considered part of the 'black phyllite unit'. Spatially restricted volcanic deposits and proximal volcaniclastic components derived from them occur near the top of the unit.

Micaceous quartzite: This is the basal unit of the metasedimentary assemblage ('black phyllite unit') that overlies Crooked amphibolite. The unit crops out along the limbs of the Eureka Peak syncline. It varies in thickness from 10 to 150 m, either as a result of sedimentary deposition or structural thickening due to imbrication and/or folding. Bedding is well defined by pale grey, laminated quartzite beds 0.5 to 6 centimeter thick. A bedding parallel schistosity is defined by planar alignment of rusty weathering muscovite. The contact of the micaceous quartzite with the underlying Crooked amphibolites is sharp, although both concordant and discordant relationships have been documented. The contact is imbricated near Crooked Lake. No correlative unit has been recognized in the Spanish Lake area.

Micaceous black phyllite and tuff: Siliceous dark grey to black, graphitic phyllite has a well developed phyllitic foliation with characteristic silvery fresh surfaces. Bedding is rarely seen. Where present it is defined by thin, rusty to dark grey quartzite or siltstone beds up to 20 centim in thickness and discontinuous tuffaceous lenses. Small porphyroblasts of chalky weathering plagioclase occur throughout the unit. On the south limb of the Eureka Peak syncline porphyroblasts of garnet up to 0.5 centim in size are abundant within 10 m of the base of the unit. The contact with the underlying micaceous quartzite is not exposed but may be faulted, judging from the noticeable break in slope and the discordant contact relationship observed on the north limb of the Eureka Peak syncline. No lithologic equivalent to this unit in the Eureka Peak area has been recognized in the Spanish Lake area.

Phyllitic siltstone: This unit contains interbedded pale to dark grey silty slates and lesser phyllitic siltstone and minor siliceous limestone. Bedding is well defined by fine banding, thin beds of laminated quartz sandstone and minor interbeds of siliceous limestone. Well developed cleavage is defined by a planar, slaty parting. Narrow bedding-parallel quartz veinlets occur throughout. This unit has not been recognized outside the Eureka Peak area.

<u>Laminated phyllite and porphyroblastic phyllite</u>: Finely laminated grey phyllite is gradational with the underlying and overlying units. Bedding is outlined by pale grey to rusty weathering quartz sandstone beds commonly 1 to 3 millim but up to l centimetre in thickness. A well developed phyllitic foliation is accentuated by graphitic material. Porphyroblasts of garnet, plagioclase and chloritoid occur in these rocks on the south limb of the Eureka Peak syncline; chloritoid is associated with ankerite on the north limb. Bedding parallel quartz lenses, up to 2 m in thickness and several m in length, are present. They are most evident along the north limb of the Eureka Peak syncline, most notably in the Fraser gold property area. No stratigraphically equivalent units have been recognized in the Spanish Lake area.

<u>Silty slate:</u> The porphyroblastic phyllite unit (see above) grades upward into coarser grained, dark grey to black weathering silty slates with interbedded dark grey quartz sandstone. Bedding is shown by dark grey, dull quartz sandstone beds, most commonly 10 to 12 centim in thickness. Thinner, pale layers of laminated quartz sandstone are interbedded throughout the unit. Pale weathering quartzite and pale grey to green weathering tuffs form discontinuous lenses. Silty slates have well developed planar slaty parting. In outcrop they are rusty weathering to locally speckled with limonite, probably due to the presence of fine-grained siderite or authigenic iron sulphide minerals. These rocks are the basal map unit and the dominant rock type in the Spanish Lake area.

<u>Graphitic black phyllite:</u> This unit forms a sequence of grey, graphitic phyllite that grade upward through black phyllite, grey silty phyllite and an upper succession of graphitic phyllite. There are minor interbedded quartz sandstone and limestone beds. Bedding is defined invariably by prominent pale laminated quartz siltstone beds that rarely exceed 2 centim in thickness. The rocks are exposed south of Horsefly Lake, on the south limb of the Eureka Peak syncline and in small synclinal cores north of Spanish Lake.

<u>Banded slate and tuff:</u> This is the uppermost phyllitic unit in the metasedimentary succession and contains a significant volcanic component. Where volcanic rocks or their eroded products are the dominant lithology, the successions are included in the volcanic and epiclastic rocks unit. The Banded slates and tuffs unit crops out continuously along both the northern and southern limbs of the Eureka Peak syncline, and underlies much of the western part of the basal sedimentary belt along Horsefly River, between Horsefly and Quesnel lakes and northwest of Quesnel Lake. The contact with the underlying rocks, at least locally in the area north of Quesnel Lake, is interpreted to be a fault. In the Eureka Peak - Horsefly River area, and probably generally throughout the belt, there is a progressive increase in volcanic components at higher stratigraphic levels in this unit. Dark green to black phyllite with interbedded grey to green tuffs comprise the lowermost 50 m of the succession. Siliceous, banded aquagene tuff become more abundant stratigraphically upwards and are interbedded with grey to black banded slates, massive pale quartz sandstone and minor limestone. The uppermost part of the unit consists of fissile graphitic phyllite interbedded with tuff, and minor quartzose sandstone beds. The phyllite within this section is recessive, black and sooty in outcrop. Locally they are strongly silicified, but throughout the region they are typically rusty weathering and pyritiferous. North of Quesnel Lake, in the Spanish Lake area, black slaty to

phyllitic, rusty weathering metasediments are interbedded with gritty, dark brown to black weathering grey limestone.

The volcanic component includes discontinuous lenses of banded tuff, volcanic conglomerate, flow breccia, pillow lava and a few dikes. The banded tuffs in the Spanish Lake area are lithologically identical to the banded aquagene tuffs in the Eureka Peak area but the Spanish Lake succession also includes volcanic conglomerate, breccia and flows as discontinuous lenses up to several km in strike length. The volcanic rocks appear to be identical to the pyroxene-bearing flows of the overlying, volcanic unit in the Eureka Peak area and in the main Quesnel volcanic belt to the south and west.

<u>Volcaniclastic breccia:</u> This breccia unit crops out to the west of Eureka Peak where it overlies the tuff-phyllite sequence of the banded slate and tuff unit. It consists of dark grey, angular clasts in a paler grey matrix. Chloritization is extensive and readily evident in a cleavage defined by well-developed chloritic parting. Both the lower and upper contacts with the Banded slates and tuffs unit and the overlying volcanics are faults. The volcaniclastic breccia unit is now considered to be an intra-formational breccia, and part of the volcanic and epiclastic rocks unit.

<u>Volcanic sandstone and wacke:</u> North of Quesnel Lake, the Banded slates and tuffs unit is overlain by this unit of coarse grained, dark green volcanic sandstones and wacke with interbedded siltstone, sandstone and minor argillite. The argillaceous sediments are interbedded in beds 3 millim to 2 centim thick with dominant green sandstone and wacke and give rise to a compositionally defined, colour-banded sequence, parallel to bedding. A rough fracture cleavage parallel to the bedding is locally developed but no penetrative cleavage is recognized.

<u>Volcanic and epiclastic rocks:</u> Hornblende pyroxene basalt flows, breccia, related volcaniclastic deposits and conglomerate comprise this unit. Pyroxene-bearing hornblende porphyry members also form small intrusive bodies and intrusive breccias within it. This unit has been defined as a discrete volcanic subunit within the predominantly sedimentary 'black phyllite unit'. It is found at Horn Bluff on Horsefly Lake and in the thin belt of volcanic rocks between Horsefly Lake and Quesnel Lake, centred on Viewland Mountain. The volcanic rocks of this unit are not considered to be part of the overlying succession of alkali olivine basalt, alkali basalt and hornblende bearing basalt because these volcanic rocks form a succession near the top, but entirely within, the 'black phyllite unit'. The volcanic deposits of the Quesnel belt island arc succession are subdivided into three major map units. The volcanic rocks generally form lithologically similar prisms, wedges or lens-like deposits. In general, the volcanic succession consists of subaqueous pyroxene-phyric basalt flows and breccias, an overlying sequence of pyroclastic and debris-flow (laharic?) deposits, and an upper unit of subaerial analcite-bearing olivine basalt flows. Shallow-water sedimentary rocks overlap and flank the volcanic accumulations. The two most voluminous volcanic assemblages are the pyroclastic and debris-flow deposits, and subaerial analcite-bearing olivine basalt flows. This volcanic succession predominantly lies along the western boundary of the Gold Creek Property.

A durable blanket of one or more tills, local ablation moraine and widespread glaciofluvial deposits with an extensive thin cover of colluvium and other overburden is present throughout much of the property area. Drumlins and crag-and-tail features that indicate north-westerly ice-flow directions are common on the plateau. Glaciofluvial deposits and some thick accumulations of glacial silt are found in the major valleys occupied by the Horsefly and Quesnel rivers.

7.0 DEPOSIT TYPE

The "Deposit Type" section presented here is taken from a NI 43-101 report written for Tiex Inc. and Bullion Gold Corp. by G. Owsiacki (2007).

The Quesnel Trough in the area of the Gold Creek Property is a well mineralized region that hosts a wide variety of deposit types. The principal recent exploration and economic development targets on the property are gold-bearing quartz veins and gold-silver bearing stratabound zones of quartz and carbonate-altered quartz-veined phyllite that occur in the basal, black phyllite metasedimentary succession of the Nicola Group (e.g. Spanish Mountain, Frasergold, Kusk). The mineralization in some black phyllite members have potential to be mined as large, bulk-tonnage deposits.

Records of gold mining in the Quesnel River area date back to the earliest history of placer mining in British Columbia. Placer mining for gold, said to locally occur together with platinum, has been of major historical and economic importance to this region. It continues to have importance because of continuing gold production in the district and exploration for buried placer channels, especially those with cemented gravels that are amenable to exploitation by underground mining methods.

Significant known mineralization on the Cariboo Property or nearby in areas of similar geological setting represent key deposit types that are targets for exploration. The Triassic Nicola Group basal black phyllite host auriferous quartz veins of two main types. The first type, characterized by the Frasergold deposit (MINFILE 093A 150), comprises the partially concordant, deformed, early forming veins that are localized in a distinctive stratigraphic interval. The second type is represented by fracture-controlled vein mineralization that is associated with quartz-carbonate alteration, such as that in the Spanish Mountain area (MINFILE 093A 043). The two styles of mineralization are thought to be similar in age and related to deformation during regional metamorphism but the fracture controlled type may be younger.

Alkalic intrusion-related porphyry copper-gold deposits (e.g. Mount Polley mine, MINFILE 093A 008) and gold-bearing propyllitic alteration zones formed in volcanic rocks peripheral to some of the intrusions (e.g. QR, MINFILE 093A 121) could also be important targets. These types of intrusions are less commonly emplaced in rocks of the basal phyllite unit but exploration for them should not be discounted. Nickel mineralization is documented in serpentinite and sheared ultramafic rocks of the Crooked amphibolite (Sovereign Creek, MINFILE 093A 013). Possible epithermal targets in Nicola Group basalts may exist. Vuggy, chalcedonic quartz-carbonate veins with elevated values of arsenic, barium and antimony outcrop on the Horsefly River near the Hobson's pit placer (MINFILE 093A 042).

The vuggy textures, banded chalcedony, crustiform calcite, as well as the association of metals noted above, is characteristic of epithermal mineralization. Other deposits like the Eaglet fluorite vein prospect (MINFILE 093A 046) consists of a series of steeply dipping mineralized zones within a 1500 by 900 metre area in gneissic and pegmatitic rocks of the Snowshoe Group.

The **Spanish Mountain** deposit is not part of the Gold Creek Property but occurs central to and adjoins the claim holdings and provides an excellent example of the current exploration focus for a large, bulk-tonnage gold deposit, possibly amenable to open-pit mining methods. Quartz veins containing gold and minor base metals occur to the southwest of Spanish Lake, about 7 km southeast of Likely, in the basal phyllite unit. The main lithologies in the area are phyllitic to massive siltstones and interbedded tuffs. Much of the area is affected by pervasive carbonate-silica replacements and listwanite (green mica-quartzcarbonate) alteration associated with quartz veins or fractures. In the more intensely altered zones there are quartz stockworks and larger veins, a number of which define a consistent northeast to east trend. Gold occurs in the quartz veins which range in thickness from 0.01 to 4 m, dip steeply and trend to the northeast. The veins are typically crystalline to vuggy quartz with lesser carbonate intergrowths and associated minor galena, chalcopyrite, pyrite and sphalerite. Gold is frequently visible as fine particles rimming cavities or as wires where sulphide minerals are oxidized. The fracture-controlled style of the mineralization suggests that the veins and stockwork postdate metamorphism and deformation. The deposit is located on the northeast limb of a northwest-trending anticline that is cut by numerous north-westerly trending, syn-deformational thrust faults. The lithologic units and northwest trending structures are crosscut by a series of prominent northeast to east-trending normal faults. These crosscutting structures and faults control the mineralization.

In 2006, Skygold Ventures Ltd. and Wildrose Resources Ltd. completed a 27,000 metre drilling program on the Spanish Mountain property. Drill hole 523, drilled on the eastern edge of the Main zone, intersected 50.5 m grading 1.98 g/t gold including 19.5 m of 4.02 g/t gold (Skygold Ventures Ltd. Press Release - www.skygold.ca/news/press_releases/).

The **Moose** showing (MINFILE 093A 127) is located along Gold Creek about 6 km northwest of the Spanish Mountain deposit. Quartz stringers cut basal phyllite unit rocks which in this area are dominated by limonitic, siliceous, fine grained greywacke/siltstone; pervasive pyritization is evident. Some quartz stringers contain minor amounts of pyrite, chalcopyrite, sphalerite, galena and arsenopyrite with anomalous gold and silver values.

8.0 MINERALIZATION

Portions of the "Mineralization" section presented here are taken from a NI 43-101 report written for Tiex Inc. and Bullion Gold Corp. by G. Owsiacki (2007).

The Gold Creek Property covers a significant portion of the Quesnel Trough, a well mineralized region typical of other Late Triassic – Early Jurassic volcano-plutonic island arcs in the Cordillera. It hosts a wide variety of mineral deposits. The principal recent exploration and economic development targets on the property are gold-bearing quartz veins and gold-silver bearing stratabound zones of quartz and carbonate-altered quartz-veined phyllite that occur in the basal black phyllite metasedimentary succession. The veins in some black phyllite members have potential to be mined as large tonnage, bulk mineable gold deposits. The quartz veins are of two main types: the first type comprises partially concordant, deformed, early forming veins that are localized in a distinctive stratigraphic interval (e.g. Frasergold); the second type is represented by fracture-controlled vein mineralization that is associated with quartz-carbonate alteration (e.g. Spanish Mountain). Potential for other deposit types may become more apparent as new deposit models are developed.

8.1 Likely Area

The main focus of the drilling program in 2011 was low-grade bulk tonnage gold mineralization similar to that found in the Spanish Mountain gold deposit. Previous drilling on the Gold Creek Property just north of the town of Likely defined significant intercepts of ~0.1 to 0.2 g/t gold mineralization within intensely Fe-carbonate, sericite, silica altered fault zones within argillite, siltstone and greywacke units belonging to the Nicola Group. Locally, ~4 to10 g/t gold grab samples and drill intercepts occur within more competent greywacke units which are also intensely Fe-carbonate and sericite altered but rather than being sheared are tensionally fractured with sheeted near vertical E-W oriented quartz-carbonate-pyrite-chalcopyrite-arsenopyrite veinlets (~0.5 cm thick) and lenses.

Placer mining for gold, reported to locally occur together with platinum, has been of major historical and economic importance to the region. It is estimated that total production between 77.7 and 93.3 million grams of gold has been achieved in the Cariboo district, more than any other placer area in the province (British Columbia Department of Mines Bulletin 21, 1946; Levson and Giles, 1993). The main activity took place in the Wells-Barkerville, Lightning Creek, Keithley Creek, Quesnel Forks - Likely and Horsefly River regions. These areas are still being worked for placer gold, though at a much reduced scale. The placer gold that occurs in the Horsefly and parts of the Quesnel River watershed differs from most of the other placer deposits in the Quesnel River workings and the more extensive Cariboo to the north. Many of the Horsefly deposits are buried Tertiary placers, probably Miocene in age. The Cariboo placers represent mainly a post-glacial reworking of older placers or erosion of original lode gold deposits. The Horsefly placers are contained in fluvial gravels under Miocene basalt flows and have an undetermined source to the east (Johnston and Uglow, 1926, 1933; Levson and Giles, 1993).

There are 4 documented mineral occurrences on the Gold Creek Property. With the exception of the McKee and Zed showings, the Forks and Moose showings are gold-quartz veins hosted in the basal phyllite unit.

Table 2. Summary of Minfile showings on the Gold Creek Property.

MinFile No.	Name	Status	Commodities	Deposit Type
093A 127	Moose/Gold Creek	Prospect	Au, Ag, Cu. Pb. Zn	Hydrothermal veins/Stratabound veins

8.2 Moose

The Moose or Easy showing is located along Gold Creek about 6 km northwest of the Spanish Mountain deposit. Quartz stringers cut basal phyllite unit rocks which in this area are dominated by limonitic, siliceous, fine-grained greywacke/siltstone; pervasive pyritization is evident. Some quartz stringers contain minor amounts of pyrite, chalcopyrite, sphalerite, galena and arsenopyrite with anomalous gold and silver values. In the fall of 2006, five rock grab samples were taken in this area by the author. Four samples yielded anomalous gold values with one grading 15.65 g/t gold.

9.0 RECENT EXPLORATION

In 2011, Bullion completed a 21 drill hole, 2501 m program north of Likely, BC on the Gold Creek Property (Figures 9-1 and 9-2). The objectives of the program were to test numerous gold in soil anomalies and to expand and better define the limits of gold mineralization intersected in previous drill programs. A secondary objective was to twin several of the historical holes and improve upon the core recovery which was very poor within the mineralized fault zones.

Table 3 is a summary of the collar information for the 2011 drill holes and Table 4 contains the gold assay highlights. Appendices 1 to 3 contain the drill logs, the drill sections and the assay certificates, respectively.

9.1 Diamond Drilling Results

Five diamond drill holes totalling 1037 m were completed in 2011 all within the Paquette Valley ~ 1 km north of Likely, BC. Two of these holes were twins of previous drill holes and the other three were drilled to define the limits and orientation of gold mineralization.

Table 3. 2011 drill collar information from the Gold Creek Property (UTM WGS84).

Hole ID	Easting	Northing	Type	Az	Dip	Depth (m)
GC11-012	599019	5831237	DDH	225	-45	201
GC11-013	599019	5831234	DDH	310	-60	166
GC11-014	599214	5831230	DDH	9	-45	150

GC11-015	599211	5831235	DDH	194	-70	261
GC11-016	599249	5831461	DDH	225	-45	259
GC11-017	599597	5831632	RC	225	-45	68.58
GC11-018	599489	5831514	RC	225	-45	128.02
GC11-019	599535	5831402	RC	225	-55	65.53
GC11-020	599392	5831383	RC	225	-55	50.29
GC11-021	599409	5831272	RC	225	-55	152.4
GC11-022	599585	5831303	RC	225	-55	38.1
GC11-023	599519	5831237	RC	225	-55	91.44
GC11-024	599678	5831002	RC	225	-55	124.97
GC11-025	599867	5830773	RC	225	-55	108.2
GC11-026	599242	5831015	RC	225	-55	28.96
GC11-027	599278	5831143	RC	225	-55	45.72
GC11-028	598983	5830996	RC	225	-55	152.4
GC11-029	598410	5831863	RC	225	-55	123.44
GC11-030	598753	5832051	RC	225	-55	131.06
GC11-031	598907	5832197	RC	225	-55	117.35
GC11-032	599126	5831833	RC	225	-55	38.1
25 Holes						**2501.56**

Table 4. Gold assay highlights from the 2011 Gold Creek drilling program.

Hole No.	Easting (WGS84)	Northing (WGS84)	From (m)	To (m)	Interval (m)	Au (g/t)
Diamond Drill Holes						
GC11-12	599019	5831237	25.0	45.0	**20.0**	**0.106**
GC11-13	599019	5831234	11.5	89.0	**77.5**	**0.088**
		incl.	*88.0*	*89.0*	***1.0***	***2.137***
GC11-14	599214	5831230	4.0	31.0	**27.0**	**0.362**
GC11-15	599211	5831235	14.0	91.0	**77.0**	**0.316**
		incl.	*15.5*	*17.0*	***1.5***	***3.261***
	and		173.5	212.5	**39.0**	**0.131**
		incl.	*175.5*	*176.5*	***1***	***2.164***
GC11-16	599249	5831461	103.0	131.5	**28.5**	**0.191**
		incl.	*124.0*	*130.0*	***6.0***	***0.626***
			191.5	203.0	**11.5**	**0.210**
Reverse-circulation Drill Holes						
GC11-17	599597	5831632				
GC11-18	599489	5831514	91.4	93.0	**1.5**	**0.189**
GC11-19	599535	5831402	45.7	47.2	**1.5**	**0.104**
GC11-20	599392	5831383				
GC11-21	599409	5831272	64.0	141.7	**77.7**	**0.147**
		incl.	129.5	*141.7*	***12.2***	***0.345***
GC11-22	599585	5831303				
GC11-23	599519	5831237				
GC11-24	599678	5831002	120.4	121.9	**1.5**	**0.302**
GC11-25	599867	5830773	47.2	56.4	**9.2**	**0.108**
GC11-26	599242	5831015	18.3	19.8	**1.5**	**0.128**
GC11-27	599278	5831143	3.1	44.2	**41.2**	**0.893**
		incl.	*3.1*	*32.0*	***29.0***	***1.093***
		incl.	*10.7*	*12.2*	***1.5***	***13.400***
GC11-28	598983	5830996	18.3	32.0	**13.7**	**0.106**
and			106.68	117.4	**10.7**	**0.439**
		incl.	*108.2*	*109.7*	***1.5***	***2.462***

and			143.26	147.8	**10.7**	**0.126**
GC11-29	598410	5831863	106.7	108.2	**1.5**	**0.131**
GC11-30	598753	5832051	56.4	59.44	**3.1**	**0.409**
GC11-31	598907	5832197	76.2	77.7	**1.5**	**0.243**
GC11-32	599126	5831833	25.9	33.5	**7.6**	**0.161**

Holes GC11-12 and 13 were collared on the west side of Paquette Valley across the valley from where most of the previous and successful drilling and within a MMI gold in soil anomaly occurs. Both holes intersected weak to moderate iron carbonate alteration throughout and weak gold mineralization in the upper 45 to 80 m of the holes (Table 9-2) within intensely sheared/faulted andesite and diorite. Alteration continues down below the mineralized upper zones but the gold assays returned are much lower (0.01 to 0.05 ppb).

GC11-14 was drilled northward to test the northern boundary of a large fault zone that was encountered in 2008 drilling. It intersected interlayered greywacke, siltstone and argillite throughout but the upper 30 m was intensely sheared and moderately Fe-carbonate altered and contained weak to moderate gold mineralization.

Hole GC11-15 was a twin of a hole from drilling in 2008 and repeated similar gold assays and geology but the 2011 drilling recovered much more core. The hole encountered interlayered greywacke, siltstone and argillite throughout which is intensely sheared and weakly to intensely Fe-carbonate, sericite and pyrite altered in most locations. It appears that the hole is directed down the dip of a large fault zone.

Hole GC11-16 was collared ~ 200 m north of holes 14 and 15 and intersected sheared andesite tuff, greywacke and siltstone from top to bottom. Fe-carbonate and pyrite alteration is generally weak but locally moderate and there are two zones of weak to moderate gold mineralization (Table 9-2).

9.2 Reverse-Circulation Drilling Results

The reverse-circulation drilling program was designed to test several gold in soil anomalies and test known gold mineralized zones along strike.

Holes GC11-17, 18 and 20 are all drilled along a NE-SW oriented section which includes DDH's GC11-14 and 15. Hole GC11-17 was collared the furthest NE and intersected interbedded weakly Fe-carbonate altered andesite tuff and siltstone with no appreciable gold mineralization. Hole 18 encountered similar rock types as 17 but near the bottom of the hole Fe-carbonate and silica alteration increases and several intervals of anomalous gold (> 0.1 g/t) were intersected. Hole GC11-20 encountered numerous fault zones and ultimately was stopped at 65 m due to excessive water. It was collared in greywacke and ended in siltstone all of which was weakly to moderately Fe-carbonate-sericite altered although only one interval returned > 0.1 g/t Au.

Holes GC11-19, 21, and 27 are drilled along a NE-SW section ~100 m SE of the section 17, 18, and 20 are on (Figure 9-2). Hole 19 was collared in a fault zone before passing into a weakly altered greywacke unit and bottoming in a a siltstone. Gold mineralization is minimal with one interval > 0.1 g/t Au. Hole 21 intersected mainly greywacke with minor siltstone, argillite and tuffaceous interbeds. The greywacke is weakly to intensely Fe-carbonate altered with alteration intensity tending to increase down hole as does gold mineralization (Table 9-2). Hole 27 was the best gold mineralized hole to date (Table 9-2) and intersected intensely Fe-carbonate-sericite-pyrite and silica altered greywacke, which is likely sheared as the hole failed after 45 m due to excessive water.

Holes GC11-22, 23 and 26 lie along the next section ~ 100 m to the SE. Hole 22 hit water and very friable rock and was abandoned before hitting bedrock. Hole 23 intersected greywacke with interbedded tuff, siltstone and argillite units. Alteration was weak except within the last ~14 m (~ 77.7 to 91.44 m) where it is moderate Fe-carbonate and silica alteration. Hole 26 was abandoned after 25.9 m due to bad ground and excessive water. However, the rock recovered was strongly altered greywacke and siltstone with one interval returned > 0.1 g/t Au.

Hole GC11-24 tested ESE and along strike of the greywacke that appears to be gold mineralized. It intersected interbedded greywacke and argillite which are moderately to intensely Fe-carbonate and silica altered with localized zones of gold mineralization.

Hole GC11-25 was drilled ~ 300 m further southeast than hole 24. It encountered a thin greywacke zone between 18 and 24 m but the remainder of the hole is in andesite tuff, basalt and minor argillite. Fe-carbonate and silica alteration is moderate at the top of the hole but decreases down the hole.

Hole GC11-28 was collared on the west side of Paquette Valley to test an MMI and conventional soil anomaly. It cut highly sericite and silica altered diorite from surface to ~ 109 m where it transitions into basalt weakly to unaltered basalt. Quartz-Fe-carbonate-pyrite veins are common in the diorite at the top of the holes where gold mineralization occurs but without any copper (18.3 to 32.0 m @ 0.106 g/t Au. Near the diorite-basalt contact copper and gold become anomalous where the lower two gold zones documented in Table 9-2 contains consistently > 300 ppm Cu and several intervals > 1000 ppm Cu. This diorite-basalt contact mineralization appears to be distinct from the typical Fe-carbonate related gold mineralization and looks to be porphyry related.

Hole GC11-29 was drilled to test a gold in soil anomaly west of Paquette Valley. It intersected weak to moderately Fe-carbonate and silica altered andesite flows the entire length of the hole. Local zones with increased quartz-carbonate veins occur which can contain elevated gold values.

Hole GC11-30 tested a soil anomaly and the near the interpreted contact between volcanic and sedimentary rocks. It encountered weakly altered andesite tuff and flows the entire length of the hole with local Quartz-carbonate veined zones with > 0.1 g/t Au. A fault zone at 56 m returned 0.409 g/t Au over 3.1 m.

Hole GC11-31 is along a section with hole 30 to test the volcanic-sedimentary contact. This hole intersected mostly black argillite with lesser interlayered andesite tuff and flows. Andesite tuff (possibly greywacke locally) is generally moderately Fe-carbonate altered with local elevated gold.

Hole GC11-32 also tested the volcanic-sedimentary contact and a soil anomaly. This hole cut argillite and greywacke units that are moderately Fe-carbonate and silica altered. Gold (7.6 m of 0.161 g/t Au) occurs within a pyritic argillite where it contacts a greywacke unit. This hole was abandoned after 38 m due to excessive water.

Figure 6. 1 to 50,000 scale claim map and location of the drilling on the Gold Creek Property.

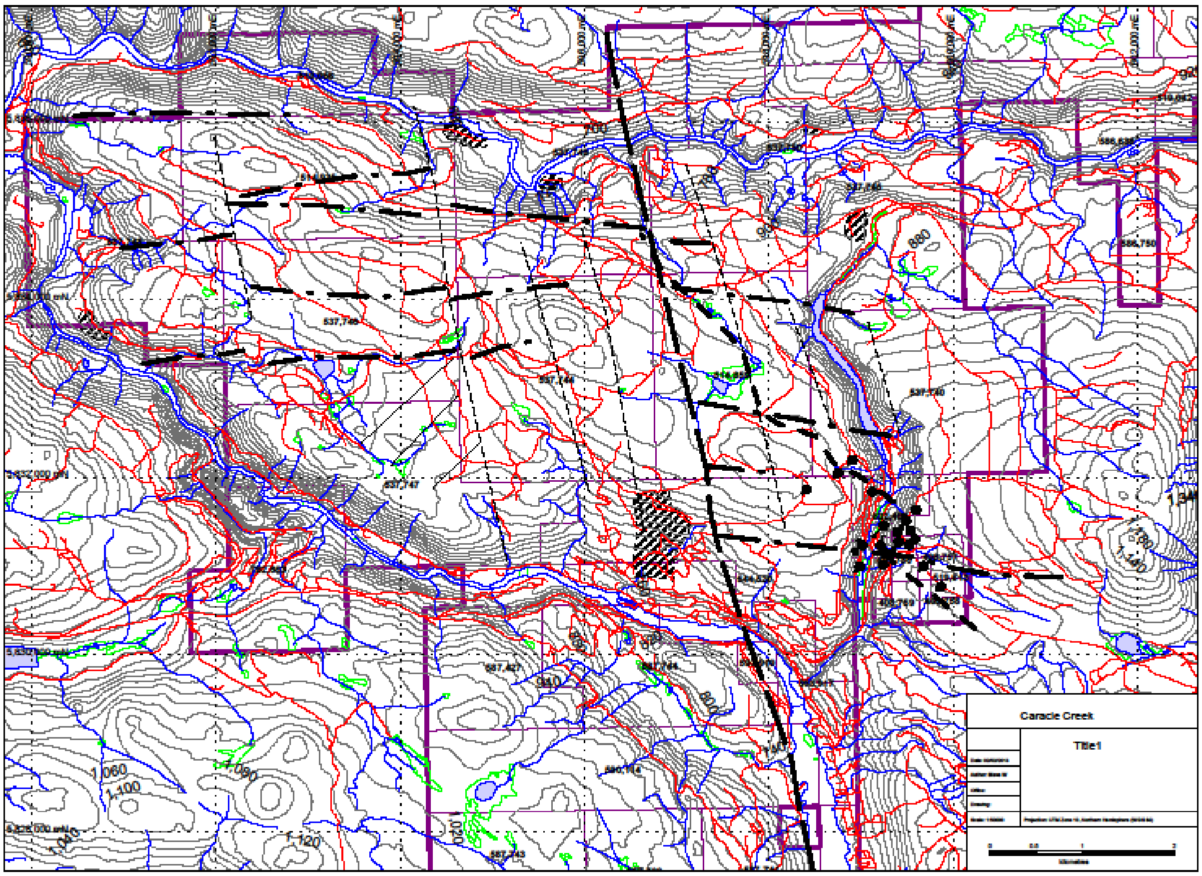
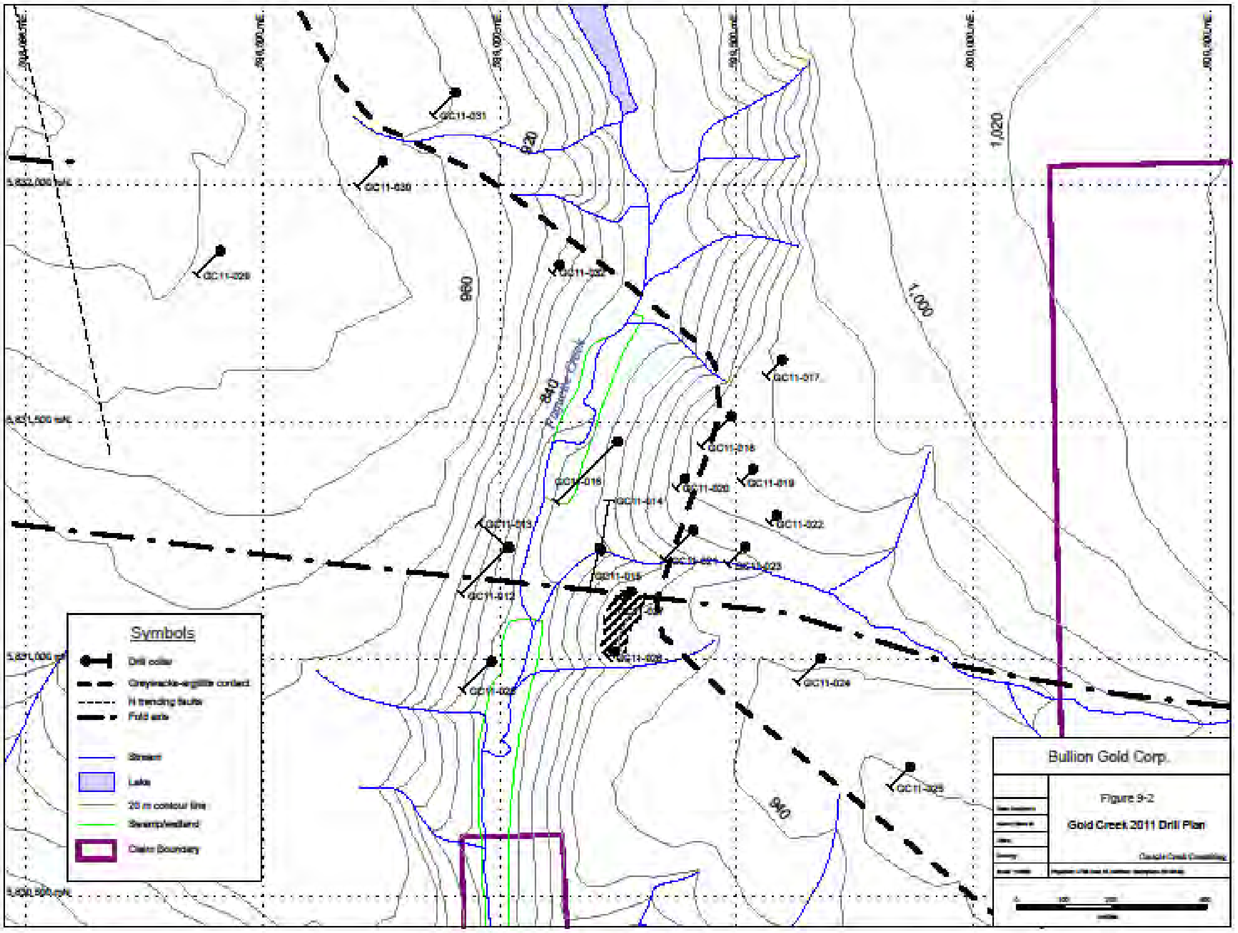


Figure 7. Gold Creek Property 2011 drill location map.



10.0 MMI & Rock Sampling Program

Bullion Gold Corporation conducted several reconnaissance MMI soil sampling survey lines and grids over their Gold Creek Property totalling 210 samples. The survey was intended to test for possible stratabound gold mineralization and/or porphyry copper style mineralization in areas predominantly covered with glaciofluvial sediments. Appendix 1 is a list of the 203 MMI samples collected by Bullion within respective locations and selected analytical results. A rock sampling program was conducted to serve both as due diligence on prior work and ascertain more specific information pertaining to the exact host of mineralization and what if any nugget effect can be observed. The data for the rock samples collected can be observed in Appendix 3.

10.1 Recent Historical MMI Data

Raw assay data from MMI surveys are generally used to calculate response ratios in order to interpret the results. The calculation involves taking the average value of the lower 25th percentile for each element to determine the "background" for each element in the survey. All values reported for each of the 7 elements were then divided by the mean background value which gives the response ratio. This is essentially a multiple of the background for that element in the data set.

In small surveys the background values calculated are heavily biased to the specific area, therefore every MMI survey will have some samples with "anomalously" high with respect to background samples. As Bullion has collected an enormous amount of MMI samples in the three years it's been collecting this data (4574 samples in total) and the samples have all been collected in virtually the same geological setting (the Nicola Group) this is a unique data set where true background levels can be better calculated.

Table 5. Summary statistics for Response Ratios for the entire Tiex Inc.'s MMI database of selected elements from MMI data.

Statistic	Ag__RR_	As__RR_	Au__RR_	Cu__RR_	Mo__RR_	Pb__RR_	Zn__RR_
Count_n	4547	4547	4547	4547	4547	4547	4547
Minimum	0.06	0.25	0.25	0.02	0.25	0.23	0.17
Maximum	221.84	175.00	1250.00	115.85	24.60	204.06	332.95
Mean	6.389	2.277	7.152	3.868	0.866	7.374	10.104
Median	3.868	0.250	2.000	2.477	0.250	4.966	4.828
Range	221.786	174.750	1249.750	115.829	24.350	203.837	332.779
RMS	11.736	7.213	32.894	6.020	1.624	12.682	20.153
Variance	96.937	46.853	1031.070	21.282	1.886	106.478	304.108
Std. Dev.	9.846	6.845	32.110	4.613	1.373	10.319	17.439
Skewness	7.451	11.876	20.547	8.154	6.417	6.095	7.172
Kurtosis	99.133	216.776	614.979	148.767	67.095	66.837	89.441
Percentile 25	1.93	0.25	0.50	1.46	0.25	1.81	2.00
Percentile 50	3.87	0.25	2.00	2.48	0.25	4.97	4.83
Percentile 80	8.30	2.50	6.50	5.46	1.10	10.38	14.15
Percentile 90	13.36	5.00	13.00	8.16	1.90	15.80	23.47
Percentile 95	20.30	10.50	23.50	11.32	2.90	22.57	34.58
Percentile 98	32.42	19.50	51.50	15.63	4.70	34.31	57.47

Table 5 is a summary statistical analysis of 7 selected elements from the data collected by Bullion in the Cariboo region. To calculate the response ratios for As, Mo, and Au all of the lower 25th percentile values were below the detection limit of the analytical procedure, hence the MMI system is not sensitive enough to give a proper background level for these elements. A value of 2 times the detection limit for these elements was chosen to be the "background" and was used in the calculation of the response ratios.

Table 6. Calculated mean background and the mean background values used in calculating the Response Ratio (RR).

	Ag (ppb)	As (ppb)	Au (ppb)	Cu (ppb)	Mo (ppb)	Pb (ppb)	Zn (ppb)
Calculated Mean Background	8.69	5	0.059	273	2.5	22	60
Detection Limit	1	10	0.1	10	5	10	10
Background Value used for RR	8.69	20	0.2	273	10	22	60

Table 7. Correlation table of Response Ratios for selected elements from MMI data.

	Ag RR	As RR	Au RR	Cu RR	Mo RR	Pb RR	Zn RR
Ag RR	1						
As RR	-0.15725	1					
Au RR	0.461974	-0.04815	1				
Cu RR	0.410453	-0.16808	0.285421	1			
Mo RR	0.099544	-0.03891	0.021115	0.297167	1		
Pb RR	-0.10979	0.177422	-0.10016	-0.06527	-0.03213	1	
Zn RR	-0.194	0.094173	-0.1434	-0.13228	-0.04097	0.265981	1

10.2 Sample Collection

The MMI survey collected samples at ~ 25 & 50 m within recently established soil grid lines of prior years. The sampling procedure was to first remove the organic material from the sample site (A0 layer) and then dig a pit over 25 cm deep with a shovel. Sample material was then scraped from the sides of the pit using a plastic trowel over the measured depth interval of 10 cm to 25 cm. About 250 grams of sample material was collected and then placed into a plastic Zip-loc sandwich bag with the sample location marked thereon. The samples were then packaged and sent to SGS Minerals located at 1885 Leslie Street, Toronto, Ontario. This is only one of two labs in the world that do MMI analysis, the other being in Perth, Australia where the MMI method was developed.

10.3 Analytical Methods

At SGS Minerals, the testing procedure begins with weighing 50 grams of the sample into a plastic vial fitted with a screw cap. 50 ml of the MMI-M solution is then added to the sample, and then placed in trays and put into a shaker for 20 minutes. These are allowed to sit overnight and subsequently centrifuged for 10 minutes. The solution is then diluted 20 times for a total dilution factor of 200 times and then transferred into plastic test tubes, which are then analyzed on ICP-MS instruments.

Results from the instruments for the 46 elements are processed automatically, loaded into the LIMS (laboratory information management system which is computer software used by laboratories) where the quality control parameters are checked before final reporting.

10.4 Results

There were historically poor correlations with gold and the other elements analyzed for in the MMI data collected, therefore only gold was plotted and used for interpretation. MMI gold response ratios appear to delineate at least two northwest trending areas on the Property (Oro & AFI 2 claims). This northerly trend could be the result of down slope dispersion, since these soils were collected on a south facing slope, however, MMI soils are not supposed to be heavily influenced by overburden transport processes including down slope transport and glacial dispersion. It is also noted in the Spanish Mountain deposit that there is a strong north trending linearity to mineralization so the north trending MMI anomalies may indeed represent north trending bedrock mineralization.

Figure 8, MMI Soil Locations Map

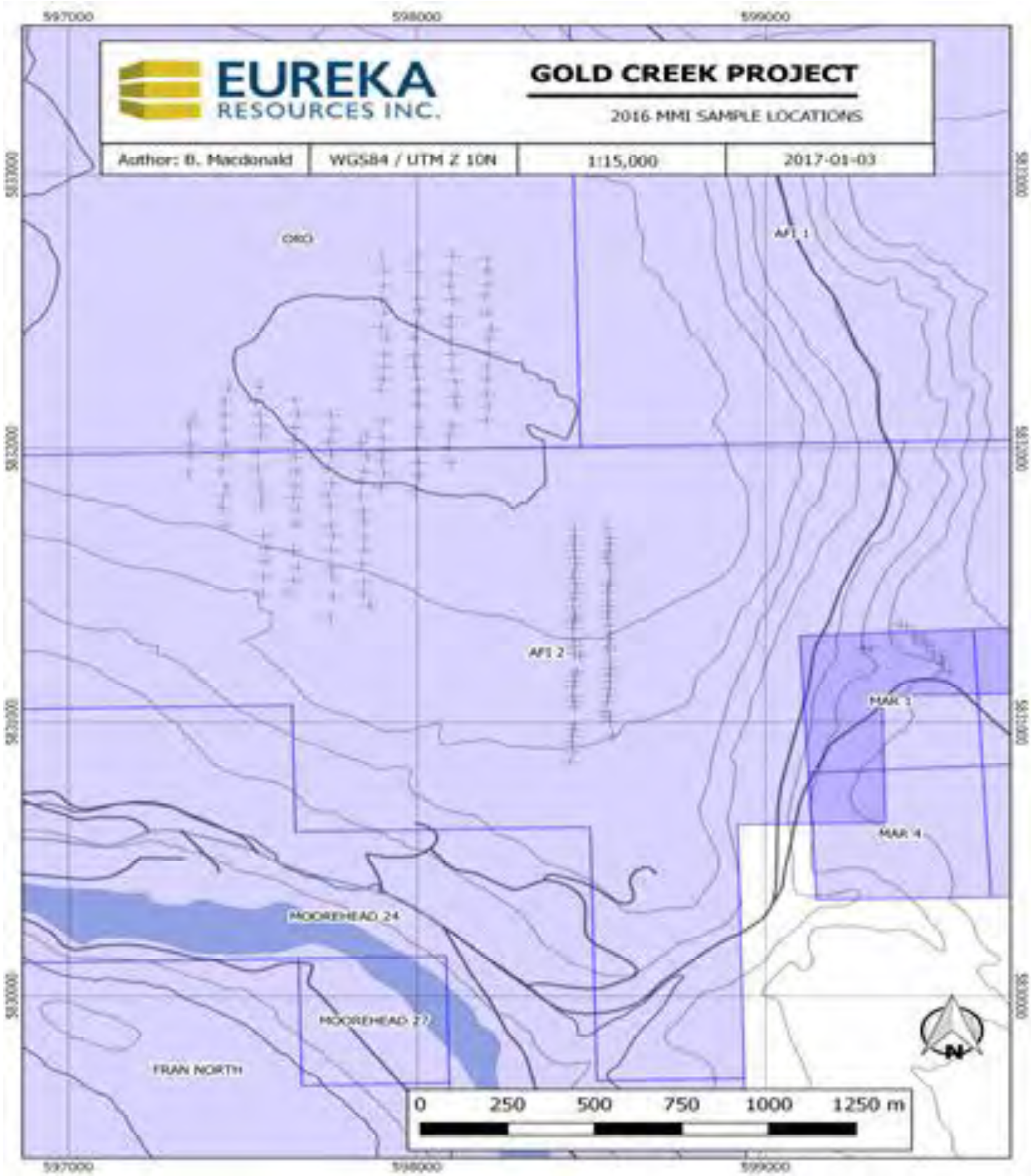
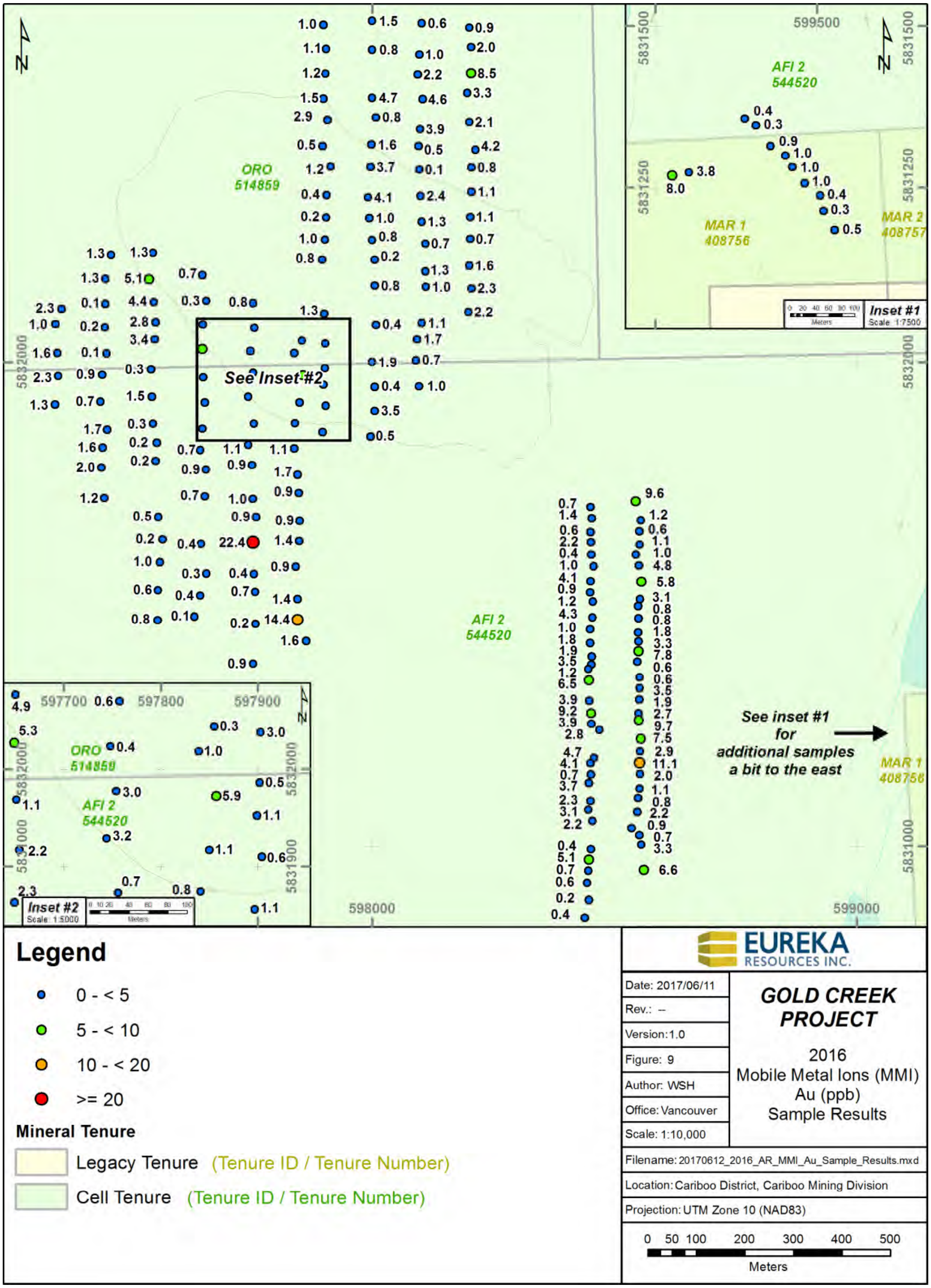
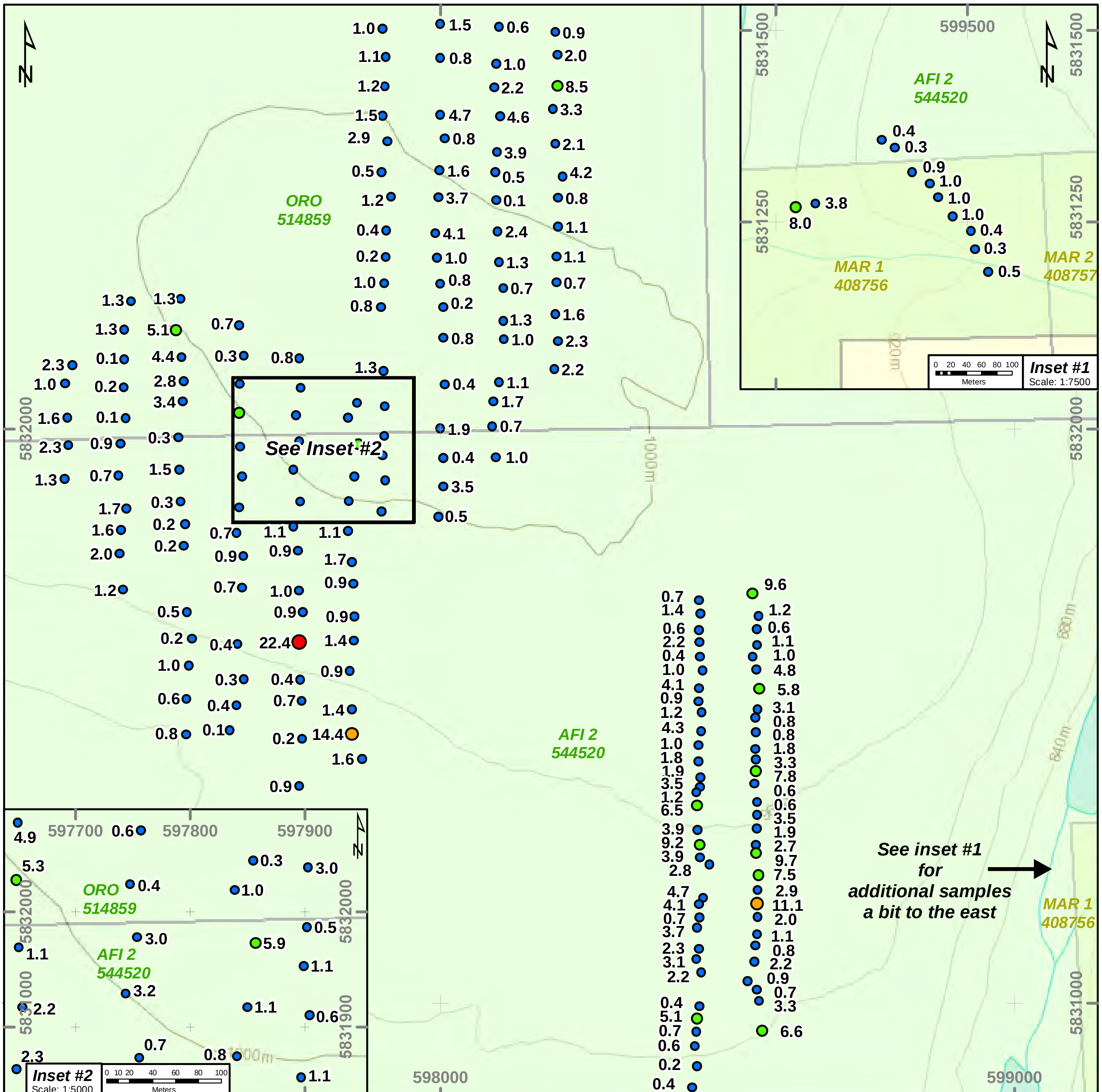


Figure 9, MMI Soil Locations Map 2





Legend

- 0 - < 5
- 5 - < 10
- 10 - < 20
- >= 20

Mineral Tenure

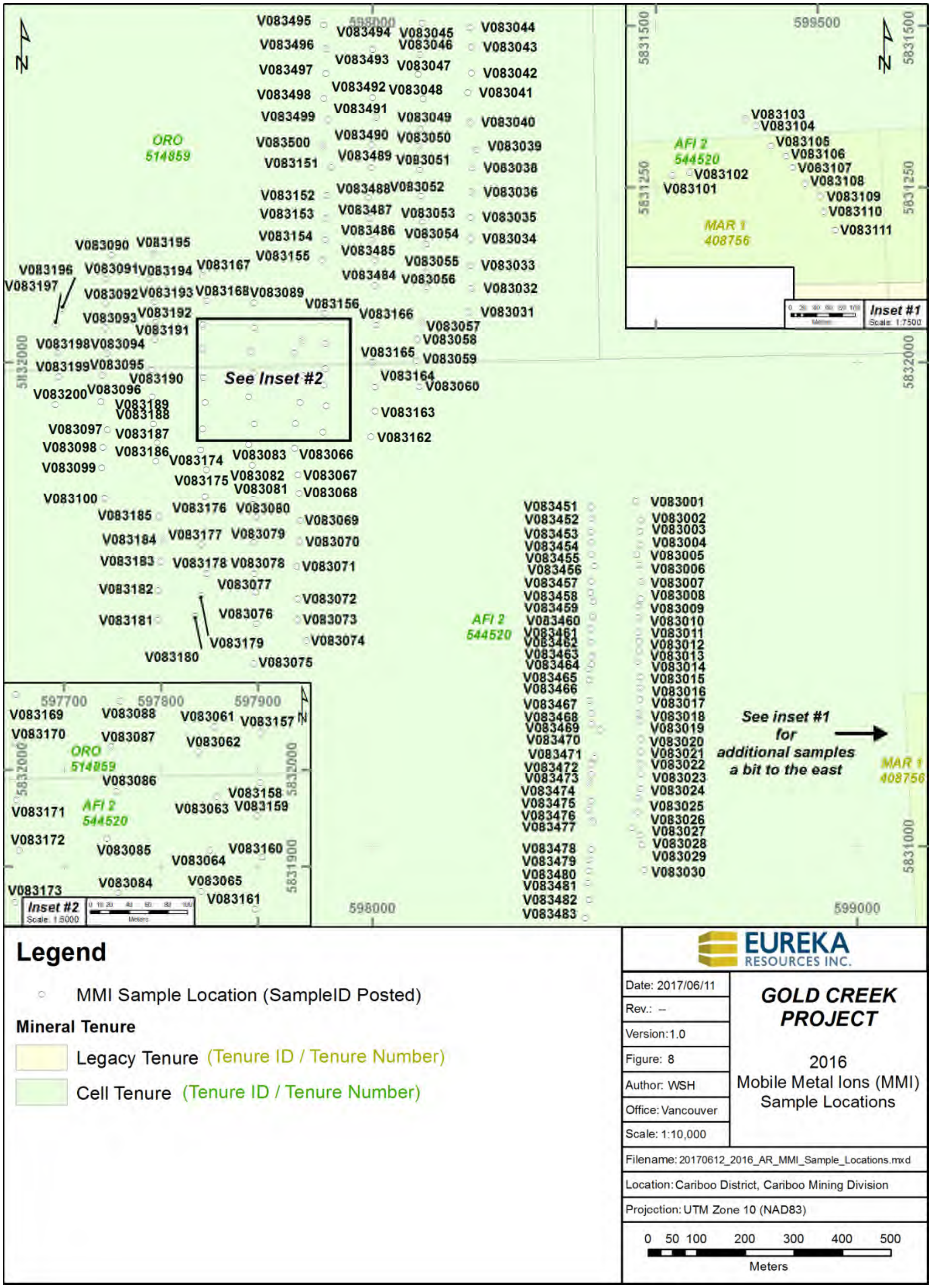
- Legacy Tenure (Tenure ID / Tenure Number)
- Cell Tenure (Tenure ID / Tenure Number)

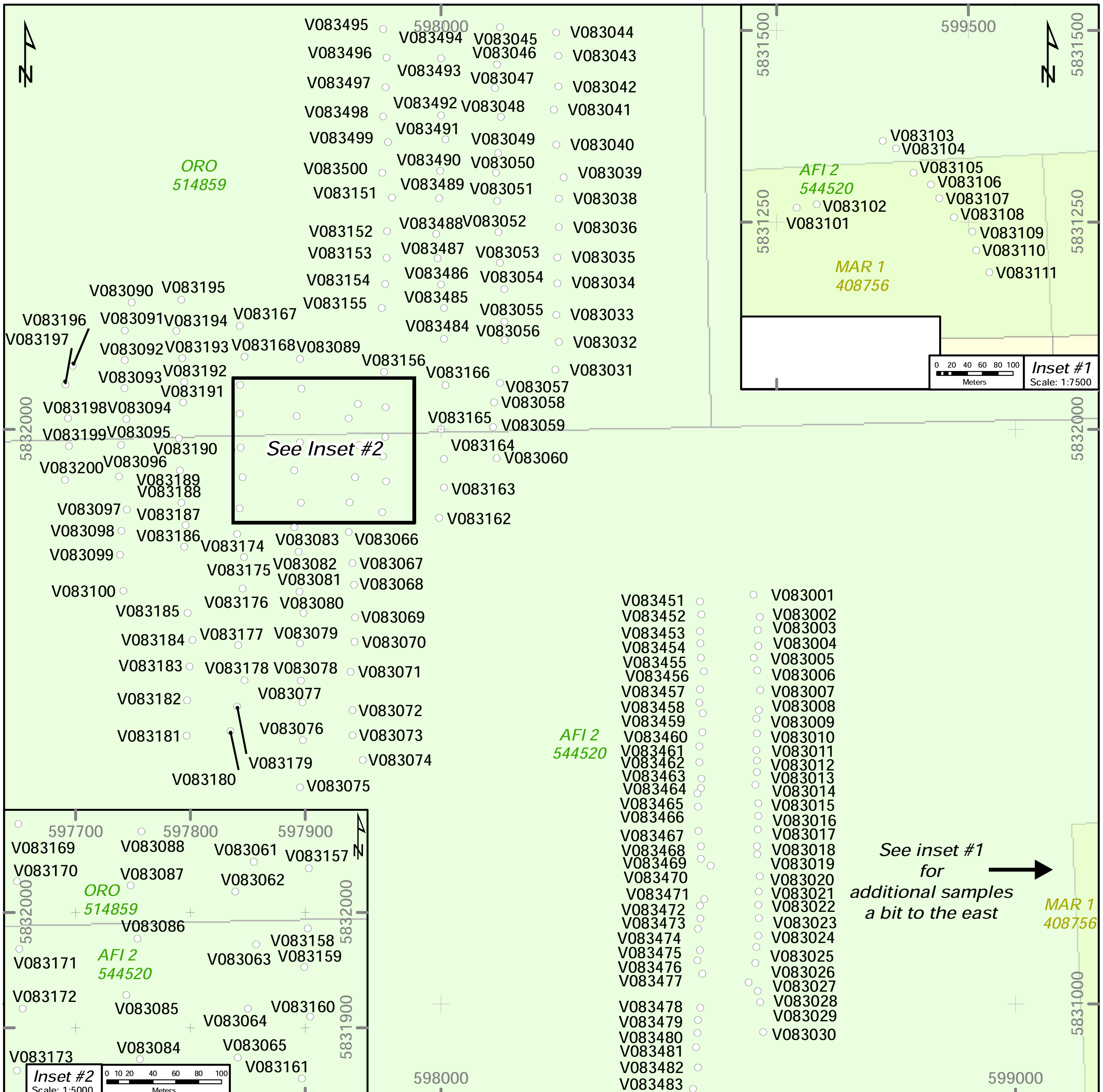
EUREKA RESOURCES INC.

Date: 2017/06/11	**GOLD CREEK PROJECT**
Rev.: --	2016 Mobile Metal Ions (MMI) Au (ppb) Sample Results
Version: 1.0	
Figure: 9	
Author: WSH	
Office: Vancouver	
Scale: 1:10,000	
Filename: 20170612_2016_AR_MMI_Au_Sample_Results.mxd	
Location: Cariboo District, Cariboo Mining Division	
Projection: UTM Zone 10 (NAD83)	

0 50 100 200 300 400 500
Meters

Figure 10, MMI Soil Locations Map 3





Legend

MMI Sample Location (SampleID Posted)

Mineral Tenure

Legacy Tenure (Tenure ID / Tenure Number)

Cell Tenure (Tenure ID / Tenure Number)

EUREKA RESOURCES INC.

Date: 2017/06/11	GOLD CREEK PROJECT
Rev.: --	
Version: 1.0	2016 Mobile Metal Ions (MMI) Sample Locations
Figure: 8	
Author: WSH	
Office: Vancouver	
Scale: 1:10,000	

Filename: 20170612_2016_AR_MMI_Sample_Locations.mxd

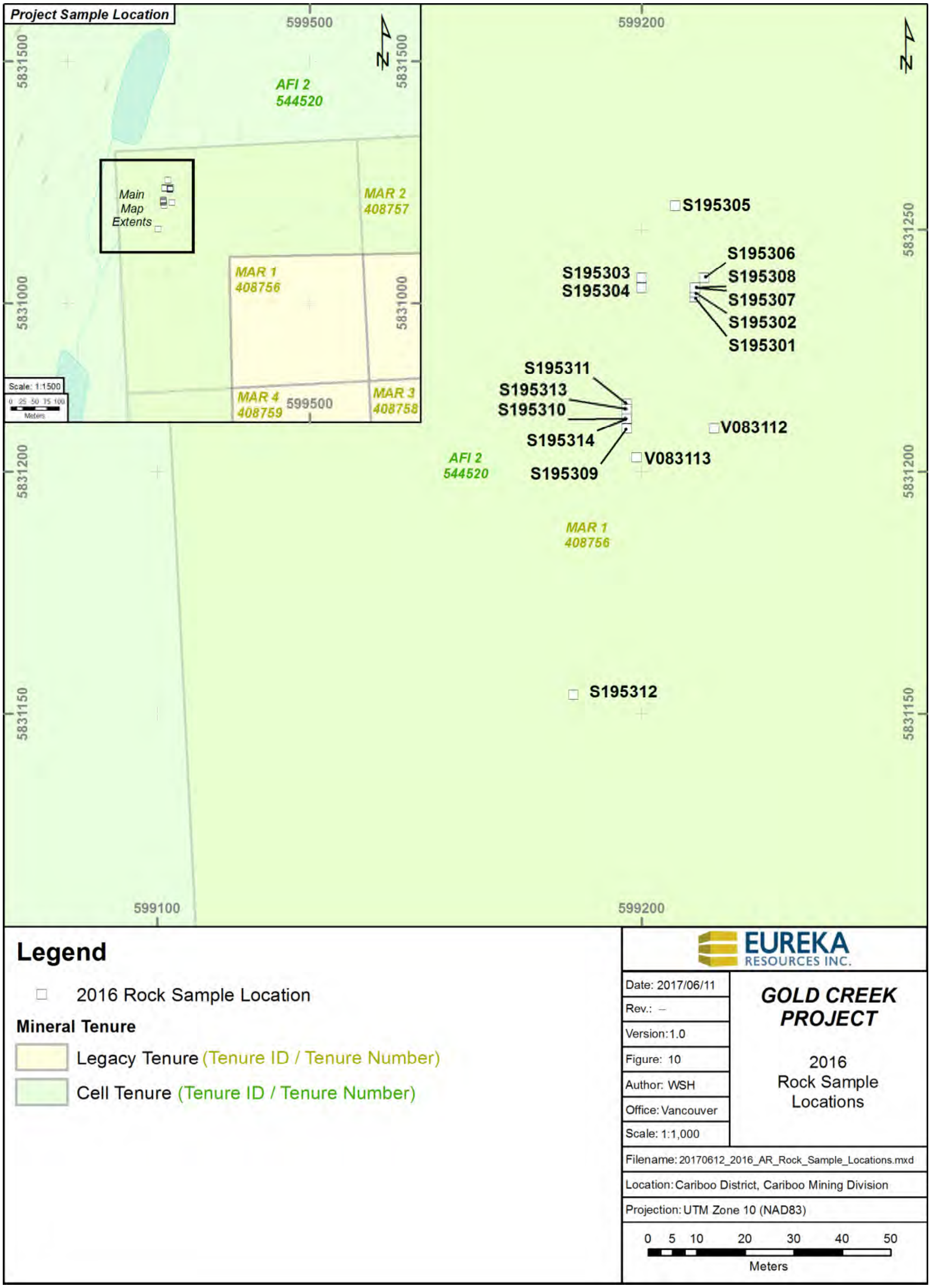
Location: Cariboo District, Cariboo Mining Division

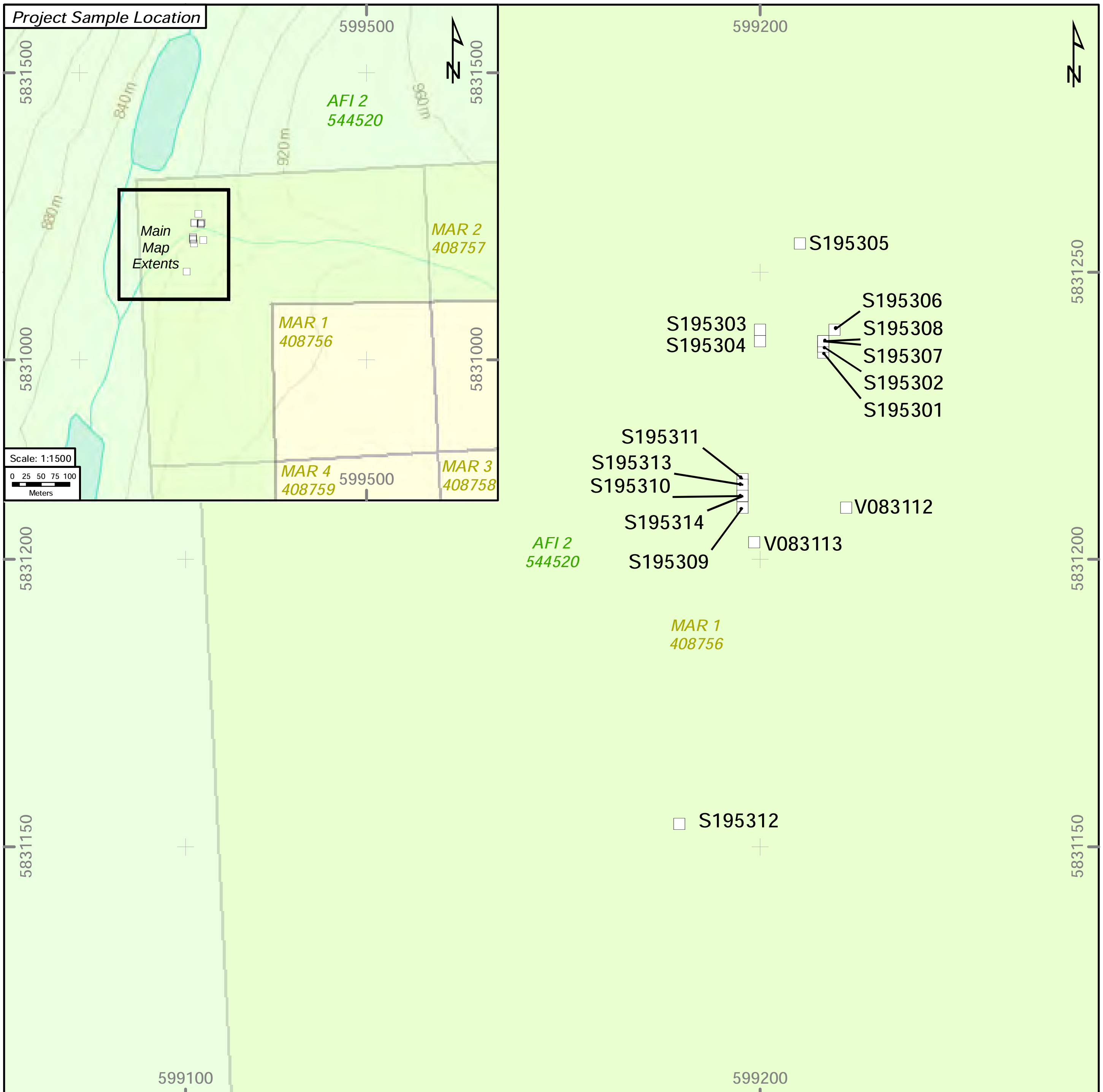
Projection: UTM Zone 10 (NAD83)

0 50 100 200 300 400 500

Meters

Figure 11, Rock Sample Locations Map





Legend

2016 Rock Sample Location

Mineral Tenure

Legacy Tenure (Tenure ID / Tenure Number)

Cell Tenure (Tenure ID / Tenure Number)

EUREKA RESOURCES INC.

Date: 2017/06/11	**GOLD CREEK PROJECT** 2016 Rock Sample Locations
Rev.: --	
Version: 1.0	
Figure: 10	
Author: WSH	
Office: Vancouver	
Scale: 1:1,000	

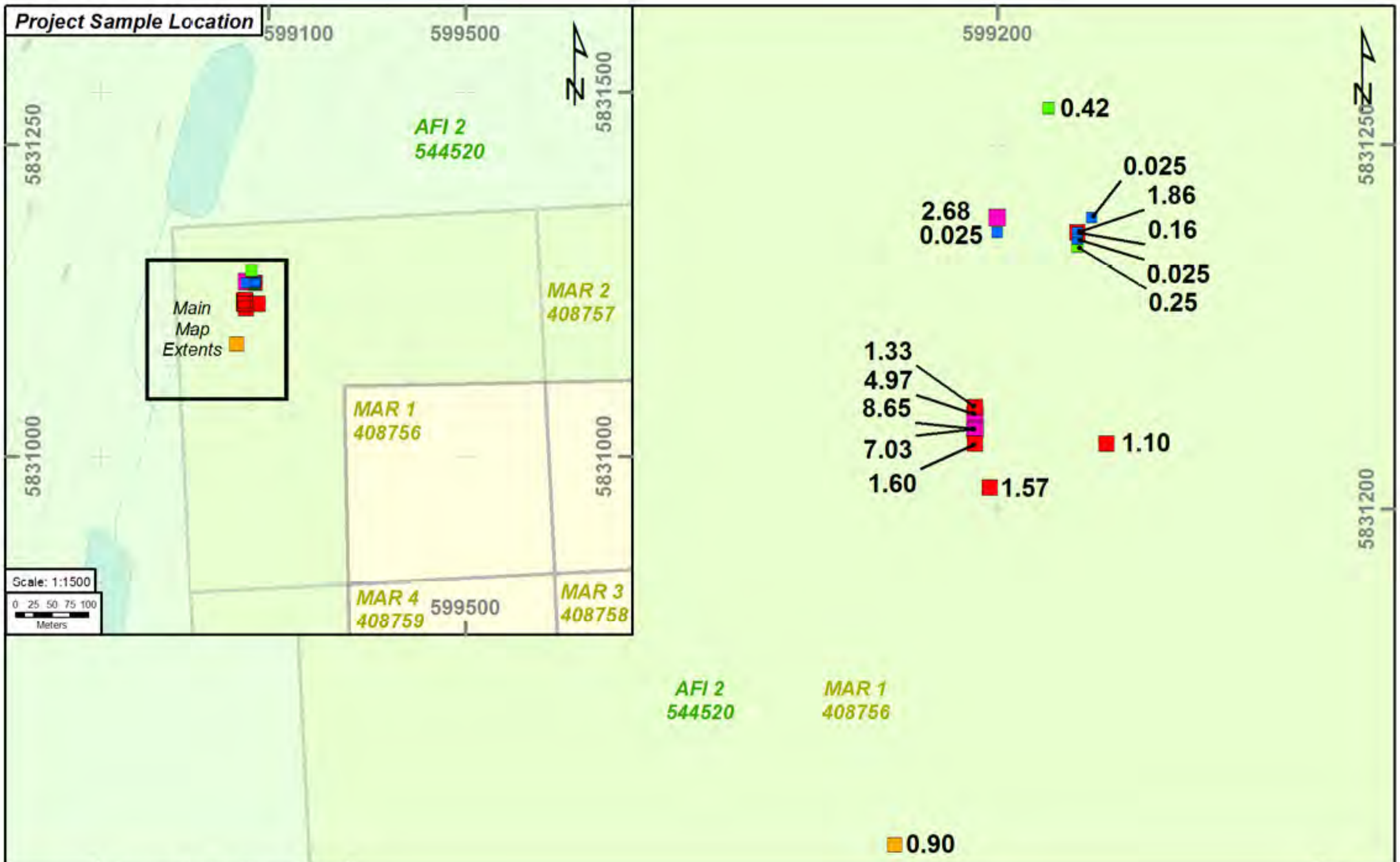
Filename: 20170612_2016_AR_Rock_Sample_Locations.mxd

Location: Cariboo District, Cariboo Mining Division

Projection: UTM Zone 10 (NAD83)

0 5 10 20 30 40 50

Meters



Sample ID	Easting UTM Z10 (NAD83)	Northing UTM Z10 (NAD83)	Elev (m)	Notes	Au Total (ppm)
S195301	599211	5831236	822	qtz vn w/ carbs within greywache, strike 1 (071/88) strike 2 (295/53)	0.25
S195302	599211	5831237	822	qtz boudin along fault / vn, strike (295/53)	0.025
S195303	599200	5831240	824	py / chalco dissems in qtz vn predom with carbs, strike (071/88)	2.68
S195304	599200	5831238	826	fresh looking andesite with dissem py.	0.025
S195305	599207	5831255	840	qtz stringer vns in carb seds mostly, some dissem py, strike (070/70-80)	0.42
S195306	599213	5831240	841	qtz vn/ flt, healed silicified flt, carbs and py present, strike (070/72)	0.025
S195307	599211	5831238	841	bull qtz vn w/ tight folds, sample targets hinges specifically	1.86
S195308	599211	5831238	841	2nd sample ofbull qtz vn targeting the fold around hinge	0.16
S195309	599197	5831209	841	resampling historical samples on south side of creek, qtz stringers (old sample id 4011)	1.60
S195310	599197	5831211	841	resampling historical samples on south side of creek, qtz stringers, strike (060/90), (old sample id 4013)	7.03
S195311	599197	5831214	841	resampling historical samples on south side of creek, thick (30-40cm)qtz vn, strike (060/90), (old sample id 4008)	1.33
S195312	599186	5831154	867	qtz vn exposed at end of trench with flagging, exposed during trenching and diliberately left for viewing.	0.90
S195313	599197	5831213	841	qtz vn around historically samples area.	4.97
S195314	599197	5831211	841	duplicate resampling historical samples on south side of creek, qtz stringers, strike (060/90), (old sample id 4013)	8.65
V083112	599215	5831209			1.10
V083113	599199	5831203			1.57

Legend

2016 Rock Sample Location

Au (ppm)

- 0 - < 0.20
- 0.20 - < 0.50
- 0.50 - < 1.00
- 1.00 - < 2.00
- >= 2.00

Mineral Tenure

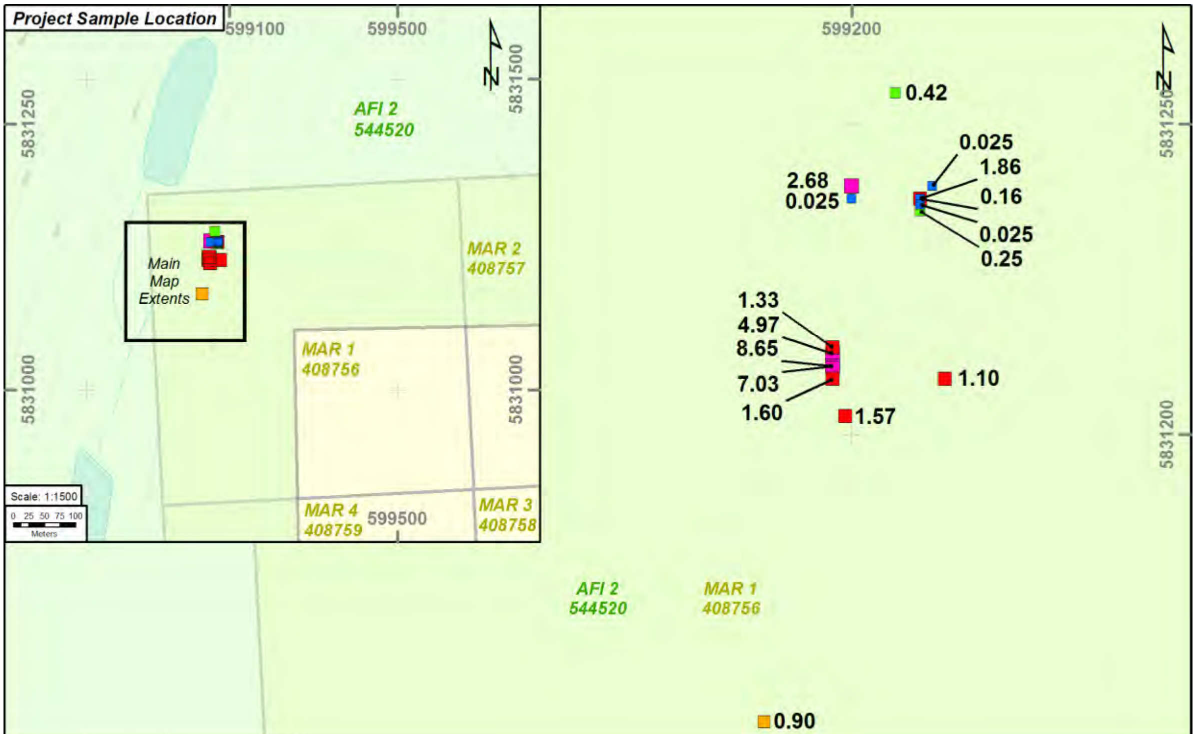
- Legacy Tenure (Tenure ID / Tenure Number)
- Cell Tenure (Tenure ID / Tenure Number)

EUREKA RESOURCES INC.

Date: 2017/06/11	**GOLD CREEK PROJECT**
Rev.: –	2016
Version: 1.0	Au (ppm)
Figure: 11	Rock Sample
Author: WSH	Screen Fire Assay (SFA)
Office: Vancouver	Results
Scale: 1:1,000	
Filename: 20170612_2016_AR_Rock_Sample_Results.mxd	
Location: Cariboo District, Cariboo Mining Division	
Projection: UTM Zone 10 (NAD83)	

0 5 10 20 30 40 50
Meters

Figure 12, Rock Sample Au Assay Map



Sample ID	Easting UTM Z10 (NAD83)	Northing UTM Z10 (NAD83)	Elev (m)	Notes	Au Total (ppm)
S195301	599211	5831236	822	qtz vn w/ carbs within greywache, strike 1 (071/88) strike 2 (295/53)	0.25
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S195303	599200	5831240	824	py / chalco dissems in qtz vn predom with carbs, strike (071/88)	2.68
S195304	599200	5831238	826	fresh looking andesite with dissem py.	0.025
S195305	599207	5831255	840	qtz stringer vns in carb seds mostly, some dissem py, strike (070/70-80)	0.42
S195306	599213	5831240	841	qtz vn/ flt, healed silicified flt, carbs and py present, strike (070/72)	0.025
S195307	599211	5831238	841	bull qtz vn w/ tight folds, sample targets hinges specifically	1.86
S195308	599211	5831238	841	2nd sample ofbull qtz vn targeting the fold around hinge	0.16
S195309	599197	5831209	841	resampling historical samples on south side of creek, qtz stringers (old sample id 4011)	1.60
S195310	599197	5831211	841	resampling historical samples on south side of creek, qtz stringers, strike (060/90), (old sample id 4013)	7.03
S195311	599197	5831214	841	resampling historical samples on south side of creek, thick (30-40cm)qtz vn, strike (060/90), (old sample id 4008)	1.33
S195312	599186	5831154	867	qtz vn exposed at end of trench with flagging, exposed during trenching and diliberately left for viewing.	0.90
S195313	599197	5831213	841	qtz vn around historically samples area.	4.97
S195314	599197	5831211	841	duplicate resampling historical samples on south side of creek, qtz stringers, strike (060/90), (old sample id 4013)	8.65
V083112	599215	5831209			1.10
V083113	599199	5831203			1.57

Legend

Au (ppm)

- 0 - < 0.20
- 0.20 - < 0.50
- 0.50 - < 1.00
- 1.00 - < 2.00
- >= 2.00

Mineral Tenure

- Legacy Tenure (Tenure ID / Tenure Number)
- Cell Tenure (Tenure ID / Tenure Number)

EUREKA RESOURCES INC.

Date: 2017/06/11	GOLD CREEK PROJECT 2016 Au (ppm) Rock Sample Screen Fire Assay (SFA) Results
Rev.: –	
Version: 1.0	
Figure: 11	
Author: WSH	
Office: Vancouver	
Scale: 1:1,000	

Filename: 20170612_2016_AR_Rock_Sample_Results.mxd

Location: Cariboo District, Cariboo Mining Division

Projection: UTM Zone 10 (NAD83)

0 5 10 20 30 40 50
Meters

11.0 2016 WORK RESULT CONCLUSIONS

The purpose of the MMI survey was to assess the Gold Creek Property for gold mineralization similar to that observed on the adjacent Spanish Mountain Property as well as to further define and constrain prior determined gold in soil anomalies on the property in preparation for future drill testing. The results from this survey appear to show anomalous gold in soils. The north trending alignment of the gold in soil anomalies suggests either down slope transport or a north trend to gold mineralization, similar to the orientation of the Spanish Mountain deposit. Therefore, it is recommended that additional soil sampling and detailed mapping and rock sampling be conducted on the Property to follow-up on the anomalous MMI soil anomalies. It is further recommended that on the basis of prior drilling and MMI results completed on the property to date a diamond drill program is warranted. Drilling would test areas not previously drill tested as well as to conduct follow up drilling proximal to prior areas of success with drilling which encountered gold mineralization and or drillholes which terminated in gold mineralization due to various impeding factors such as water or caving.

The rock samples collected did indeed confirm high grade gold mineralization which is hosted more specifically within the sheet veining.

Although a small data set was collected it was observed that a high percentage of the samples demonstrated that nugget effect could be observed and thus future drill core sampling procedures with be designed to take this type of gold mineralization into account to ensure appropriate gold grades are reported.

11.1 Analytical Methods

Core and RC chip samples were analyzed for 36 elements by ICP-MS after an aqua-regia digestion (1DX package) and standard fire assay for gold by Acme Analytical Laboratories.

12.0 CONCLUSIONS

The two main objectives for the diamond drilling program on the Gold Creek property was to successfully drill the gold mineralized fault zones both for depth and core recovery and determine if the loss of core in previous drilling was significantly lowering the gold grades in mineralized intercepts. The 2011 diamond drilling was successful in achieving greater than 85% core recovery even in the most friable fault zones and the twinned drill holes returned very similar if not slightly higher gold grades to the previous drilling.

Diamond and reverse-circulation drilling in 2011 has shown that there are two orientations of gold mineralized structures a north trending structure underlying the Paquette Valley and an E-E to WNW-ESE structure which extends eastward from the Paquette Valley. Gold mineralization is contained either within highly Fe-carbonate, sericite, and silica altered and pyritic fault zones or within fractured and quartz-carbonate-pyrite veined greywacke and andesite tuff units in close proximity to fault zones. The strongest gold mineralization occurs within the sheeted quartz-carbonate-pyrite veins (Hole GC11-15 of 1.5 m @ 3.26 g/t Au and GC11-27 of 1.5 m @13.4 g/t Au) within greywacke units and this style of mineralization appears to occur along an WNW-ESE trending zone that has been traced along strike for ~ 300 m and is open to the east and to depth.

Additional soil anomalies west of Paquette Valley as well as local gold mineralization in RC holes suggest there may be more gold mineralized zones west of the valley. Also, a large soil anomaly north of where drill holes with gold mineralized intercepts occur has of been adequately explained although some zones of significant alteration zones and weak gold mineralization locally.

13.0 EXPLORATION EXPENDITURES

These report writing expenditures cover the costs of data compilation and interpretation.

Site	Work / Travel		Days	Hrs	Rate	Total	
Infiniti Drilling, Consulting	1 Day Travel , 4 Days Field	K.Whitehead P. Geo	5.0		800.00	$ 4,000.00	
Pelly River Ventures, Consulting	1 Day Travel , 4 Days Field	B. Macdonald, P.Geo	5.0		690.00	$ 3,450.00	
Ryan Versloot	1 Day Travel , 4 Days Field	R. Versloot, GIT	5.0		625.00	$ 3,125.00	
Longford Exploration Services	1 Day Travel , 4 Days Field	J. Rogers, Geo	5.0		625.00	$ 3,125.00	
Westcove Consulting	1 Day Travel , 4 Days Field	Barb Collum, Sampler	5.0		550.00	$ 2,750.00	
Note. Travel, .5 Day Nov 9 & .5 Day Nov 13, Worked in Field .5 day Nov 9, Full Days Nov 10 - 12th & .5 Day Nov 13th.							$ 16,450.00
Off-site (Prep and Result Evaluation)			Days	Hrs	Rate	Total	
Infiniti Drilling, Consulting		K.Whitehead, P. Geo	4.0		800.00	$ 3,200.00	
Pelly River Ventures, Consulting		B. Macdonald, P.Geo	2.0		690.00	$ 1,380.00	
							$ 4,580.00
Assaying					Rate	Total	
SGS Laboratories assays & processing (MMI Soils Samples)		211 Samples @ $40.25 / sample			Total job	$ 8,452.50	
ALS Minerals (Rock Grab Samples)		14 Samples			Total job	$ 781.29	
		at $44.04 / sample					$ 9,233.79
Transporation			Days		Rate	Total	
Tacoma Truck, Infiniti Drilling			6.0		148.00	$ 888.00	
Dodge Truck, Longford Explor. Services			5.0		188.40	$ 942.00	
Side by side, ATV & Trailer, Infiniti Drilling			5.0		125.00	$ 625.00	
Fuel			5.0			$ 454.70	
							$ 2,909.70
Accomodation & Food					Rate	Total	
Likely, Accomodations					Total job	$ 720.00	
Food for Crew					Total job	$ 1,875.00	
							$ 2,595.00
Miscellaneous	Invoice #				Rate	Total	
Supplies and consumables					Total job	$ 323.51	
Field Equipment Rental (Radios's, GPS's,					Total job	$ 625.00	
SAT phone, chain saw, rock hammers, etc)							$ 948.51
							$ 36,717.00

14.0 Statement of Authorship

Kristian Lorne Whitehead
2763 Panorama Drive
North Vancouver, British Columbia
Canada, V7G 1V7
Telephone: 604-369-5469
Email: kwgeological@gmail.com

15.0 Certificate of Author

I, Kristian Lorne Whitehead, B.Sc., and P.Geo do hereby certify that:

1. I am a Consulting Geologist for:
   Eureka Resources Inc.
   355 Burrard Street
   Vancouver, British Columbia, V6C 2G8

2. I am a graduate of the University of Victoria (B.Sc. Earth and Ocean Science 2004).

3. I am a member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia (Member # 34243).

4. I have practiced my profession in the mineral exploration continuously since April 2002. I have worked as an exploration project geologist with StrataGold Corporation based in Vancouver, BC from April 2003 to February 2008. February 2008 to January 2010 Hawthorne Gold Corporation as a Senior Project Geologist. January 2010 to January 2011 Fire River Gold Corporation as a Senior Project Geologist. January 2011 to May 2011 as a Project Manager for Copper Creek Gold Corporation. May 2011 to November 2011 as a Senior Advisor, Hunter Dickinson Inc., November 2011 to 2013 as VP of Exploration Copper Creek Gold Corporation, July 2015 to Current as VP of Exploration Eureka Resources.

5. I have been involved with the exploration of the property that is the subject of the Assessment Report since November 2016. My last visit to the property was on Nov 14th, 2016.

6. I have had prior involvement with the property that is subject of the Assessment Report.

7. I am responsible for the assessment report titled "**MMI Geochemical Sampling Program Assessment Report for fall 2016 Gold Creek Property, Likely, British Columbia**" and dated January 15, 2017.

8. As of the date of this Certificate, to my knowledge, information and belief, this Assessment Report contains all scientific and technical information that is required to be disclosed to make the assessment report not misleading.

9. I am currently independently employed as a professional geologist, and own shares of Eureka Resources Inc.

Dated this _10_ day of _January_ , 2017.

"Kristian Whitehead"

____
Signature

Kristian Lorne Whitehead, B.Sc., P.Geo.

16.0 REFERENCES

Buckle, John (2010): Exploration Report on Diamond Drilling Program within the Gold Creek Property, Cariboo Project, Likely Area, Cariboo Mining Division, British Columbia; BC Assessment Report 31105

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Mark, David, (2009): Exploration Report on Reconnaissance MMI Soil Geochemistry Sampling within the Keno Lake Area, Cariboo Project, Keno Lake, Horsefly Area, Cariboo Mining Division, British Columbia; by Geotronics Consulting Inc., BC Assessment Report, 31572

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Wheeler, J.O., Brookfield, A.J., Gabrielse, H., Monger, J.W.H., Tipper, H.W. and Woodsworth, G.J. (1991): Terrane Map of the Canadian Cordillera; Geological Survey of Canada, Map 1713A, 1:2 000 000.

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Appendix 1

Soil Sample Data

MMI Sample ID	NorthingNAD83	EastingNAD83	Elev(M)
V083451	598450	5831701	990
V083452	598453	5831678	988
V083453	598450	5831649	983
V083454	598451	5831628	985
V083455	598452	5831603	985
V083456	598457	5831579	988
V083457	598450	5831548	986
V083458	598449	5831525	987
V083459	598455	5831506	990
V083460	598454	5831473	989
V083461	598449	5831449	988
V083462	598449	5831421	986
V083463	598453	5831393	980
V083464	598452	5831376	975
V083465	598446	5831367	969
V083466	598447	5831344	965
V083467	598448	5831301	959
V083468	598452	5831275	956
V083469	598452	5831253	954
V083470	598469	5831241	952
V083471	598458	5831183	955
V083472	598450	5831172	955
V083473	598451	5831149	953
V083474	598447	5831131	949
V083475	598450	5831094	943
V083476	598446	5831076	940
V083477	598454	5831053	941
V083478	598451	5830994	937
V083479	598447	5830973	935
V083480	598446	5830950	930
V083481	598443	5830925	926
V083482	598447	5830890	921
V083483	598438	5830853	922
V083484	598005	5832158	997
V083485	598004	5832121	1000
V083486	598000	5832252	999
V083487	597994	5832298	994

V083488	597991	5832340	995
V083489	597996	5832403	994
V083490	597998	5832450	992
V083491	598007	5832505	986
V083492	598000	5832547	985
V083493	598000	5832646	980
V083494	598000	5832705	981
V083495	597899	5832697	979
V083496	597905	5832648	988
V083497	597903	5832596	998
V083498	597899	5832545	1003
V083499	597907	5832500	1005
V083500	597897	5832447	1009
V083151	597914	5832404	1011
V083152	597906	5832345	1020
V083153	597905	5832299	1012
V083154	597902	5832253	1027
V083155	597896	5832212	1026
V083156	597901	5832101	1026
V083157	597903	5832039	1021
V083158	597902	5831987	1011
V083159	597899	5831953	1006
V083160	597904	5831910	1004
V083161	597897	5831856	991
V083162	597996	5831847	994
V083163	598005	5831899	999
V083164	598005	5831949	1004
V083165	598000	5832001	1008
V083166	598007	5832077	1013
V083167	597649	5832180	1005
V083168	597658	5832127	1006
V083169	597650	5832078	1002
V083170	597649	5832028	999
V083171	597651	5831969	999
V083172	597654	5831917	1000
V083173	597649	5831863	997
V083174	597645	5831819	996
V083175	597657	5831778	994
V083176	597654	5831723	991
V083177	597647	5831625	974
V083178	597658	5831564	958
V083179	597645	5831518	940
V083180	597633	5831475	927

V083181	597557	5831467	926
V083182	597558	5831529	934
V083183	597562	5831588	948
V083184	597567	5831634	959
V083185	597559	5831681	968
V083186	597553	5831796	981
V083187	597555	5831834	982
V083188	597548	5831873	985
V083189	597545	5831929	985
V083190	597543	5831985	987
V083191	597551	5832047	991
V083192	597553	5832083	995
V083193	597549	5832124	997
V083194	597539	5832172	995
V083195	597548	5832226	997
V083196	597359	5832111	985
V083197	597346	5832079	982
V083198	597350	5832019	980
V083199	597352	5831971	980
V083200	597345	5831913	977
V083001	598543	5831713	
V083002	598554	5831674	
V083003	598551	5831651	
V083004	598552	5831623	
V083005	598544	5831603	
V083006	598550	5831581	
V083007	598555	5831547	
V083008	598553	5831511	
V083009	598548	5831497	
V083010	598549	5831472	
V083011	598548	5831442	
V083012	598549	5831424	
V083013	598549	5831404	
V083014	598547	5831382	
V083015	598552	5831350	
V083016	598552	5831328	
V083017	598551	5831304	
V083018	598549	5831275	
V083019	598550	5831261	
V083020	598554	5831223	
V083021	598553	5831196	
V083022	598552	5831173	
V083023	598553	5831150	

V083024	598552	5831119
V083025	598548	5831100
V083026	598547	5831072
V083027	598535	5831038
V083028	598551	5831023
V083029	598555	5831003
V083030	598560	5830952
V083031	598199	5832104
V083032	598205	5832152
V083033	598200	5832200
V083034	598202	5832255
V083035	598202	5832300
V083036	598205	5832352
V083037	Skipped sample	
V083038	598205	5832402
V083039	598213	5832439
V083040	598200	5832496
V083041	598196	5832557
V083042	598204	5832597
V083043	598204	5832651
V083044	598200	5832691
V083045	598102	5832700
V083046	598097	5832636
V083047	598094	5832594
V083048	598104	5832544
V083049	598099	5832482
V083050	598095	5832447
V083051	598097	5832398
V083052	598100	5832344
V083053	598102	5832290
V083054	598110	5832245
V083055	598110	5832188
V083056	598111	5832156
V083057	598102	5832081
V083058	598092	5832047
V083059	598090	5832004
V083060	598096	5831950
V083061	597855	5832045
V083062	597839	5832019
V083063	597857	5831973
V083064	597850	5831917
V083065	594841	5831874
V083066	597839	5831822

V083067	597846	5831768
V083068	597848	5831730
V083069	597850	5831673
V083070	597849	5831631
V083071	597842	5831578
V083072	597846	5831511
V083073	597846	5831468
V083074	597863	5831425
V083075	597754	5831378
V083076	597759	5831460
V083077	597758	5831526
V083078	597756	5831563
V083079	597754	5831628
V083080	597760	5831681
V083081	597753	5831718
V083082	597752	5831787
V083083	597744	5831830
V083084	597756	5831873
V083085	597744	5831929
V083086	597754	5831978
V083087	597748	5832024
V083088	597757	5832071
V083089	597754	5832123
V083090	597461	5832222
V083091	597449	5832173
V083092	597449	5832121
V083101	599276	5831269
V083102	599302	5831274
V083103	599388	5831357
V083104	599405	5831347
V083105	599428	5831315
V083106	599451	5831300
V083107	599462	5831282
V083108	599481	5831257
V083109	599505	5831238
V083110	599510	5831214
V083111	599527	5831185

APPENDIX 3

Rock Sample Data

Rock Samples ID	Loc #	NorthingNAD83	EastingNAD83	Elev(M)	Notes
S195301	1	599211	5831236	822	qtz vn w/ carbs within greywache, strike 1 (071/88) strike 2 (295/53)
S195302	2	599211	5831237	822	qtz boudin along fault / vn, strike (295/53)
S195303	3	599200	5831240	824	py / chalco dissems in qtz vn predom with carbs, strike (071/88)
S195304	4	599200	5831238	826	fresh looking andesite with dissem py.
S195305	5	599207	5831255	840	qtz stringer vns in carb seds mostly, some dissem py, strike (070/70-80)
S195306	6	599213	5831240	841	qtz vn/ flt, healed silicified flt, carbs and py present, strike (070/72)
S195307	7	599211	5831238	841	bull qtz vn w/ tight folds, sample targets hinges specifically
S195308	8	599211	5831238	841	2nd sample ofbull qtz vn targeting the fold around hinge
S195309	9	599197	5831209	841	resampling historical samples on south side of creek, qtz stringers (old sample id 4011)
S195310	10	599197	5831211	841	resampling historical samples on south side of creek, qtz stringers, strike (060/90), (old sample id 4013)
S195311	11	599197	5831214	841	resampling historical samples on south side of creek, thick (30-40cm)qtz vn, strike (060/90), (old sample id 4008)
S195312	12	599186	5831154	867	qtz vn exposed at end of trench with flagging, exposed during trenching and diliberately left for viewing.
S195313	13	599197	5831213	841	qtz vn around historically samples area.
S195314	14	599197	5831211	841	duplicate resampling historical samples on south side of creek, qtz stringers, strike (060/90), (old sample id 4013)
V083112	15	599215	5831209		
V083113	16	599199	5831203		

APPENDIX 2

Soil Sample Assay Certificates

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Date:

To:

INFINIT .

Van

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Samples: 84

Received:

Pages:

		Description
84	G_LOG02	
84	GE_MMI_M	

REJEC : STORE

L.N.R. I.S. Insu

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http://www.sgs.com/en/Terms-and-Conditions.aspx

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Element Method Det.Lim. Units	Ag GE_MMI_M 0.5 ppb	Al GE_MMI_M 1 ppm	As GE_MMI_M 10 ppb	Au GE_MMI_M 0.1 ppb	Ba GE_MMI_M 10 ppb	Bi GE_MMI_M 0.5 ppb	Ca GE_MMI_M 2 ppm	Cd GE_MMI_M 1 ppb
V083185	23.1	213	160	0.5	2360	0.5	157	9
V083186	22.9	195	80	0.2	1450	<0.5	243	8
V083187	33.5	150	30	0.2	830	<0.5	284	17
V083188	31.1	43	<10	0.3	730	<0.5	575	21
V083189	64.8	68	<10	1.5	1260	<0.5	440	47
V083190	22.5	50	<10	0.3	560	<0.5	475	29
V083191	159	26	<10	3.4	1300	<0.5	725	27
V083192	210	29	<10	2.8	2170	<0.5	639	26
V083193	277	77	10	4.4	2010	<0.5	643	77
V083194	349	19	<10	5.1	1730	<0.5	823	63
V083195	93.7	68	<10	1.3	2850	<0.5	548	76
V083196	46.9	41	<10	2.3	1490	<0.5	562	20
V083197	27.5	68	<10	1.0	1010	<0.5	481	41
V083198	70.8	28	<10	1.6	1120	<0.5	641	22
V083199	19.8	44	20	2.3	810	<0.5	495	43
V083200	29.6	66	40	1.3	1500	<0.5	356	16
V083001	59.8	54	40	9.6	570	<0.5	400	156
V083002	19.3	152	720	1.2	1000	<0.5	191	30
V083003	12.8	156	580	0.6	1180	1.1	254	41
V083004	57.5	240	1250	1.1	3350	1.2	100	23
V083005	93.3	60	200	1.0	920	<0.5	304	15
V083006	57.2	13	10	4.8	1220	<0.5	835	8
V083007	31.4	23	<10	5.8	1440	<0.5	789	10
V083008	96.9	15	30	3.1	520	<0.5	471	16
V083009	22.2	102	210	0.8	1190	<0.5	268	20
V083010	20.8	96	310	0.8	1000	<0.5	224	24
V083011	52.8	138	360	1.8	1090	<0.5	251	52
V083012	149	9	20	3.3	580	<0.5	683	134
V083013	110	9	20	7.8	740	<0.5	712	55
V083014	37.0	78	80	0.6	1070	<0.5	322	16
V083015	62.0	30	40	0.6	390	<0.5	374	10
V083016	59.8	29	30	3.5	1010	<0.5	414	12
V083017	76.9	26	40	1.9	1890	<0.5	381	8
V083018	75.2	20	20	2.7	950	<0.5	603	35
V083019	186	20	10	9.7	1130	<0.5	598	34
V083020	164	23	20	7.5	1280	<0.5	543	32
V083021	90.1	45	20	2.9	1720	<0.5	505	27
V083022	179	19	20	11.1	1090	<0.5	619	33
V083023	53.0	148	310	2.0	1560	0.5	133	7
V083024	21.8	106	270	1.1	1300	<0.5	179	6

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
V083025	21.9	122	320	0.8	2950	<0.5	176	5
V083026	26.2	161	630	2.2	2670	0.6	124	6
V083027	62.8	128	260	0.9	2000	0.6	234	15
V083028	19.4	201	640	0.7	3940	1.0	130	6
V083029	47.8	93	280	3.3	2250	<0.5	146	6
V083030	143	9	20	6.6	730	<0.5	600	29
V083031	24.3	164	700	2.2	2320	0.6	190	44
V083032	33.4	203	1020	2.3	3240	0.8	141	41
V083033	28.9	148	1140	1.6	2700	<0.5	190	31
V083034	41.6	177	370	0.7	1270	0.6	226	21
V083035	25.2	174	540	1.1	2070	0.7	214	22
V083036	65.0	214	330	1.1	1530	0.6	145	57
V083038	44.8	40	20	0.8	220	<0.5	497	20
V083039	113	30	30	4.2	900	<0.5	738	21
V083040	71.6	92	110	2.1	1070	<0.5	432	25
V083041	137	80	90	3.3	1960	<0.5	420	17
V083042	169	74	20	8.5	1670	<0.5	523	42
V083043	61.2	18	30	2.0	730	<0.5	492	29
V083044	21.2	23	20	0.9	810	<0.5	582	28
V083045	23.5	13	<10	0.6	210	<0.5	640	34
V083046	58.3	20	10	1.0	470	<0.5	605	41
V083047	120	19	10	2.2	780	<0.5	827	51
V083048	64.3	26	20	4.6	620	<0.5	482	14
V083049	181	58	10	3.9	1330	<0.5	519	36
V083050	35.5	230	760	0.5	1620	0.6	115	23
V083051	12.6	259	180	0.1	1030	0.9	60	37
V083052	39.9	210	510	2.4	1870	0.8	133	28
V083053	16.2	238	520	1.3	1500	0.7	69	41
V083054	24.0	84	100	0.7	820	<0.5	381	99
V083055	24.9	170	390	1.3	3110	<0.5	198	34
V083056	18.9	190	470	1.0	1780	<0.5	198	55
V083057	27.3	237	680	1.1	2520	0.9	80	45
V083058	33.0	187	590	1.7	1690	0.7	190	29
V083059	15.1	221	660	0.7	2920	1.3	122	56
V083060	18.3	188	370	1.0	2040	0.8	190	32
V083061	18.0	186	480	0.3	1650	1.0	151	37
V083062	23.0	180	450	1.0	1050	0.8	120	9
V083063	22.5	91	130	5.9	830	<0.5	355	11
V083064	25.4	183	810	1.1	1940	1.0	156	15
V083065	25.8	181	290	0.8	1740	0.6	260	26

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Element Method Det.Lim. Units	Ag GE_MMI_M 0.5 ppb	Al GE_MMI_M 1 ppm	As GE_MMI_M 10 ppb	Au GE_MMI_M 0.1 ppb	Ba GE_MMI_M 10 ppb	Bi GE_MMI_M 0.5 ppb	Ca GE_MMI_M 2 ppm	Cd GE_MMI_M 1 ppb
V083066	41.2	50	50	1.1	1670	<0.5	394	24
V083067	31.6	170	330	1.7	2060	0.7	140	11
V083068	20.4	189	270	0.9	1600	0.6	179	25
V083069	31.4	139	190	0.9	1830	0.7	206	31
	38.9	141	20	0.2	700	<0.5	250	17
	12.4	161	680	0.6	1190	0.9	224	40
	68.0	26	20	4.5	930	<0.5	415	10
	29.1	159	1030	1.6	2890	<0.5	204	35
	159	54	20	3.4	1210	<0.5	474	31
	30.2	171	320	1.4	2010	0.8	143	11
	7.2	50	10	0.9	920	<0.5	36	2
	21.5	22	20	8.8	160	<0.5	214	86
	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
	<0.5	<1	<10	<0.1	<10	<0.5	3	<1
	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1

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Element Method Det.Lim. Units	Ce GE_MMI_M 2 ppb	Co GE_MMI_M 1 ppb	Cr GE_MMI_M 100 ppb	Cs GE_MMI_M 0.2 ppb	Cu GE_MMI_M 10 ppb	Dy GE_MMI_M 0.5 ppb	Er GE_MMI_M 0.2 ppb	Eu GE_MMI_M 0.2 ppb
V083185	43	128	200	4.6	510	6.3	3.2	2.2
V083186	41	119	200	5.7	580	6.0	3.4	1.8
V083187	57	103	<100	4.2	850	8.4	5.2	2.2
V083188	17	39	<100	1.5	690	3.7	2.2	1.5
V083189	42	147	<100	2.4	1830	40.9	27.6	9.9
V083190	17	38	<100	2.1	670	4.6	3.0	1.7
V083191	14	57	<100	0.2	2410	16.5	9.0	5.8
V083192	20	61	<100	1.0	1350	9.1	5.0	3.4
V083193	140	302	100	0.6	1810	27.5	19.1	7.4
V083194	39	199	<100	<0.2	2290	7.6	4.0	2.5
V083195	57	185	<100	0.9	540	15.1	9.0	4.0
V083196	25	49	<100	0.5	1420	15.7	8.4	5.2
V083197	84	42	<100	0.7	1050	21.7	12.2	6.3
V083198	30	35	<100	0.5	1420	11.9	6.4	3.9
V083199	38	274	<100	0.4	3550	8.2	6.0	2.8
V083200	177	84	<100	1.6	1640	50.9	28.7	16.2
V083001	221	719	<100	0.4	8990	38.2	25.1	13.8
V083002	55	180	<100	2.2	1980	8.7	5.9	2.9
V083003	47	167	<100	1.8	2530	9.4	5.4	2.3
V083004	108	399	200	3.3	990	10.5	5.8	3.5
V083005	60	418	<100	1.2	1650	6.0	3.4	2.3
V083006	21	82	<100	<0.2	1940	15.2	7.4	4.3
V083007	24	39	<100	<0.2	1790	24.7	12.3	6.7
V083008	8	58	<100	0.7	1230	3.4	1.7	1.1
V083009	17	49	<100	1.6	230	2.5	1.6	0.8
V083010	19	87	<100	1.6	360	3.6	1.8	1.2
V083011	140	145	<100	1.7	830	15.9	8.0	5.0
V083012	25	158	<100	<0.2	2150	6.0	3.2	2.0
V083013	20	160	<100	<0.2	1020	4.6	2.4	1.4
V083014	77	97	<100	1.0	330	9.1	4.7	3.0
V083015	14	49	<100	0.7	460	3.6	1.7	1.2
V083016	35	218	<100	0.5	410	3.4	1.7	1.3
V083017	56	118	<100	0.6	780	7.6	3.8	3.0
V083018	47	290	<100	<0.2	660	15.3	8.7	4.3
V083019	82	503	<100	<0.2	1480	16.5	9.5	3.9
V083020	64	488	<100	0.2	990	13.6	6.9	3.8
V083021	133	161	<100	0.3	870	13.6	7.2	4.7
V083022	64	221	<100	<0.2	1760	14.9	8.2	4.0
V083023	88	63	100	2.2	820	9.8	4.9	3.2
V083024	35	49	<100	1.7	240	4.8	2.4	1.5

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Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
V083025	39	88	<100	1.7	250	3.3	1.7	1.1
V083026	143	62	<100	2.6	760	13.1	5.9	4.1
V083027	66	75	100	1.7	1080	8.5	5.1	2.7
V083028	65	182	200	3.0	640	7.8	4.0	3.1
V083029	111	67	<100	1.3	1150	10.0	4.4	3.9
V083030	32	166	<100	0.3	1300	9.5	5.3	3.4
V083031	110	237	200	1.9	1010	9.5	5.0	3.4
V083032	61	360	200	2.5	560	6.5	3.3	2.1
V083033	59	139	100	2.2	720	6.5	3.6	2.4
V083034	26	166	100	2.7	560	5.3	3.0	1.6
V083035	34	205	200	3.1	670	5.0	2.9	1.7
V083036	49	318	100	3.8	1430	9.9	5.5	2.7
V083038	20	204	<100	0.2	2980	3.0	2.0	1.2
V083039	18	125	<100	0.4	1380	10.0	5.5	3.5
V083040	55	155	<100	1.0	960	10.4	5.2	3.1
V083041	31	35	<100	1.2	950	14.8	8.0	5.7
V083042	47	512	<100	0.5	4700	24.1	17.2	6.1
V083043	24	300	<100	0.2	1050	5.1	2.5	1.9
V083044	16	496	<100	0.2	4610	2.9	1.7	1.2
V083045	4	66	<100	<0.2	860	2.7	1.4	0.9
V083046	8	93	<100	0.6	2110	3.8	2.0	1.4
V083047	10	80	<100	<0.2	1000	3.9	2.2	1.2
V083048	16	234	<100	0.5	1920	6.7	3.5	2.4
V083049	38	111	<100	0.8	1890	26.1	15.2	8.2
V083050	48	238	200	3.0	640	9.3	5.4	2.6
V083051	38	221	100	2.2	410	6.3	3.9	1.8
V083052	68	290	200	2.7	770	9.3	4.7	3.1
V083053	46	224	200	2.3	810	7.2	4.1	2.0
V083054	12	50	<100	1.4	280	2.1	1.0	0.6
V083055	86	189	200	2.4	760	15.8	8.8	5.6
V083056	56	299	100	2.2	1250	6.9	4.3	2.2
V083057	35	311	200	2.6	660	6.3	3.1	1.7
V083058	22	151	200	3.2	420	3.5	1.9	1.1
V083059	55	274	200	3.0	570	6.8	3.8	2.3
V083060	41	99	100	3.1	560	6.8	3.6	2.3
V083061	26	224	300	4.3	490	4.4	2.9	1.2
V083062	122	291	200	3.0	630	9.8	5.5	3.1
V083063	318	166	100	1.7	1010	31.2	14.2	9.5
V083064	126	388	300	2.1	860	10.6	5.9	3.6
V083065	146	285	300	1.9	1120	13.1	6.2	4.2

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Element / Method / Det.Lim. / Units	Ce GE_MMI_M 2 ppb	Co GE_MMI_M 1 ppb	Cr GE_MMI_M 100 ppb	Cs GE_MMI_M 0.2 ppb	Cu GE_MMI_M 10 ppb	Dy GE_MMI_M 0.5 ppb	Er GE_MMI_M 0.2 ppb	Eu GE_MMI_M 0.2 ppb
V083066	24	53	<100	1.1	360	5.9	3.0	2.2
V083067	199	151	200	2.3	940	18.7	8.8	6.5
V083068	57	220	200	2.0	560	7.6	4.0	2.4
V083069	74	109	100	2.0	420	7.6	3.9	2.7
	44	73	<100	3.4	740	7.6	4.8	1.9
	47	188	<100	1.9	2550	8.1	5.2	2.3
	37	170	<100	0.3	510	3.6	1.7	1.4
	57	158	100	2.3	790	6.8	3.6	2.6
	43	117	<100	0.8	2050	24.2	13.8	8.3
	195	152	200	2.1	940	18.4	8.8	6.2
	658	81	<100	6.0	3330	23.0	10.0	9.2
	29	80	<100	4.4	920	3.5	1.5	1.1
	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
	<2	1	<100	<0.2	<10	<0.5	<0.2	<0.2
	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2

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Element Method Det.Lim. Units	Fe GE_MMI_M 1 ppm	Ga GE_MMI_M 0.5 ppb	Gd GE_MMI_M 0.5 ppb	Hg GE_MMI_M 1 ppb	In GE_MMI_M 0.1 ppb	K GE_MMI_M 0.5 ppm	La GE_MMI_M 1 ppb	Li GE_MMI_M 1 ppb
V083185	209	15.4	6.3	<1	0.3	12.4	20	14
V083186	189	14.1	5.9	<1	0.2	19.6	17	13
V083187	80	6.1	8.3	<1	<0.1	18.7	13	8
V083188	20	0.9	5.3	<1	<0.1	23.4	7	1
V083189	24	0.8	41.9	<1	<0.1	19.2	36	2
V083190	29	0.9	6.4	<1	<0.1	12.2	9	3
V083191	16	0.7	23.2	<1	<0.1	13.9	15	<1
V083192	16	<0.5	11.5	<1	<0.1	11.1	9	1
V083193	31	1.0	31.6	<1	<0.1	21.2	38	2
V083194	17	<0.5	8.9	<1	<0.1	14.1	5	2
V083195	22	0.8	16.5	<1	<0.1	29.0	15	<1
V083196	19	0.5	20.8	<1	<0.1	13.7	16	<1
V083197	29	1.5	23.9	<1	<0.1	15.5	26	1
V083198	17	0.8	16.0	<1	<0.1	8.3	11	<1
V083199	32	1.8	10.8	<1	<0.1	18.3	17	<1
V083200	35	2.1	65.6	<1	<0.1	17.7	92	<1
V083001	14	1.4	51.6	7	<0.1	10.8	69	4
V083002	159	8.6	9.6	<1	0.1	28.6	19	6
V083003	219	10.2	8.6	<1	0.2	42.2	16	4
V083004	252	23.4	11.1	1	0.3	25.3	44	18
V083005	65	4.4	7.6	<1	<0.1	20.5	18	7
V083006	13	<0.5	21.5	<1	<0.1	2.5	10	5
V083007	19	0.7	31.8	<1	<0.1	4.9	16	<1
V083008	25	1.3	4.5	<1	<0.1	18.6	4	<1
V083009	92	13.1	2.7	<1	<0.1	30.1	8	8
V083010	104	7.8	3.9	<1	<0.1	16.3	8	5
V083011	110	5.5	16.5	<1	0.1	18.8	33	4
V083012	14	<0.5	7.5	<1	<0.1	14.6	4	14
V083013	13	<0.5	6.6	<1	<0.1	17.8	2	5
V083014	64	3.5	12.0	<1	<0.1	29.2	22	5
V083015	23	1.3	4.4	<1	<0.1	23.2	7	3
V083016	22	0.8	4.2	<1	<0.1	19.0	5	<1
V083017	27	1.4	10.4	<1	<0.1	25.3	16	2
V083018	15	1.1	18.5	<1	<0.1	19.1	12	3
V083019	15	1.0	18.3	1	<0.1	17.9	8	2
V083020	16	1.4	15.9	<1	<0.1	16.8	9	3
V083021	29	1.1	17.4	<1	<0.1	14.3	23	1
V083022	16	1.0	18.0	<1	<0.1	13.8	8	3
V083023	156	12.7	11.0	<1	0.1	20.8	31	10
V083024	120	8.9	5.0	<1	<0.1	28.4	16	6

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Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
V083025	119	8.1	3.6	<1	0.1	35.7	16	6
V083026	159	13.6	13.1	<1	0.2	48.9	57	10
V083027	129	10.1	11.1	<1	0.1	44.3	30	5
V083028	248	21.3	8.5	<1	0.3	47.5	36	16
V083029	92	5.7	12.9	<1	<0.1	15.5	32	1
V083030	13	0.8	14.0	1	<0.1	12.2	7	10
V083031	166	10.4	11.0	<1	0.2	27.6	31	3
V083032	176	15.5	6.4	<1	0.4	19.2	22	5
V083033	142	8.8	8.0	<1	0.2	17.9	24	3
V083034	174	12.6	5.7	<1	0.2	51.5	12	10
V083035	236	18.2	5.9	<1	0.2	19.8	14	11
V083036	181	13.4	10.2	<1	0.2	27.6	18	11
V083038	28	1.1	4.5	<1	<0.1	7.3	7	<1
V083039	15	0.5	12.6	<1	<0.1	17.3	10	1
V083040	40	2.1	12.3	<1	<0.1	16.2	21	<1
V083041	30	1.1	19.0	<1	<0.1	8.9	28	<1
V083042	22	1.4	24.7	<1	<0.1	11.0	25	<1
V083043	22	<0.5	7.7	<1	<0.1	8.1	7	<1
V083044	34	1.2	3.6	<1	<0.1	10.5	6	<1
V083045	16	0.9	3.6	<1	<0.1	6.5	3	<1
V083046	15	0.6	5.5	<1	<0.1	9.0	4	3
V083047	15	<0.5	4.4	<1	<0.1	13.3	2	2
V083048	15	1.0	8.8	<1	<0.1	7.2	6	<1
V083049	20	1.7	32.0	<1	<0.1	22.6	28	<1
V083050	247	22.1	8.6	<1	0.2	23.6	19	18
V083051	215	27.2	7.0	<1	0.2	16.4	17	12
V083052	237	17.7	10.2	<1	0.3	14.2	28	7
V083053	220	15.1	6.6	<1	0.3	17.2	16	8
V083054	62	8.4	2.5	<1	<0.1	49.8	6	2
V083055	151	8.8	18.9	<1	0.2	31.5	55	3
V083056	169	10.5	7.1	<1	0.2	28.4	18	7
V083057	273	17.8	5.6	<1	0.3	19.1	15	14
V083058	265	20.5	3.2	<1	0.2	19.7	11	20
V083059	238	19.5	7.1	<1	0.2	18.9	24	15
V083060	201	18.4	7.2	<1	0.2	20.4	19	12
V083061	280	27.2	4.5	<1	0.3	29.7	11	28
V083062	201	15.3	10.6	<1	0.2	22.3	30	9
V083063	49	2.7	36.1	<1	<0.1	13.7	107	<1
V083064	229	13.1	12.0	<1	0.3	29.4	34	8
V083065	174	10.2	15.0	1	0.2	34.5	35	7

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Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
V083066	38	2.6	7.4	<1	<0.1	24.7	13	2
V083067	171	13.1	22.5	<1	0.3	9.9	80	8
V083068	171	10.5	8.5	1	0.2	22.8	21	10
V083069	143	9.3	9.0	<1	0.1	19.3	26	7
	64	4.6	7.0	<1	<0.1	17.1	11	5
	220	10.6	8.0	<1	0.2	43.5	16	5
	18	0.9	4.6	<1	<0.1	17.5	5	<1
	143	9.3	8.5	<1	0.2	20.5	23	3
	22	1.6	31.5	<1	<0.1	20.8	30	<1
	166	11.3	21.8	<1	0.2	10.5	75	7
	34	9.8	39.1	<1	<0.1	39.3	382	<1
	6	<0.5	5.7	9	<0.1	24.4	7	<1
	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
	1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1

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Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
V083185	20.8	2300	3	4.0	24	163	9.1	160
V083186	28.3	3900	5	3.1	20	167	8.8	150
V083187	17.6	4100	<2	1.1	21	123	3.8	96
V083188	35.0	2600	<2	<0.5	14	113	0.2	26
V083189	75.1	8400	<2	<0.5	73	224	<0.1	184
V083190	45.4	3000	<2	<0.5	17	196	0.3	48
V083191	82.4	2300	<2	<0.5	44	236	<0.1	122
V083192	55.0	1400	<2	<0.5	27	134	<0.1	63
V083193	61.7	15400	6	<0.5	71	563	0.1	340
V083194	53.5	7600	7	<0.5	16	355	<0.1	122
V083195	72.8	7300	<2	<0.5	33	217	0.1	149
V083196	74.1	3800	<2	<0.5	39	177	<0.1	47
V083197	54.6	4100	<2	<0.5	56	360	0.2	65
V083198	83.3	2800	3	<0.5	30	207	<0.1	20
V083199	76.7	31000	4	<0.5	32	600	<0.1	14
V083200	66.5	4400	<2	<0.5	169	211	0.4	62
V083001	66.0	16300	3	<0.5	123	1050	<0.1	45
V083002	15.8	7800	7	0.7	26	684	5.8	103
V083003	15.9	13300	8	<0.5	23	719	5.4	149
V083004	11.7	7900	8	3.2	46	197	9.8	154
V083005	15.8	11000	3	<0.5	27	176	0.8	56
V083006	37.9	2800	27	<0.5	28	241	<0.1	17
V083007	38.8	1500	7	<0.5	45	340	<0.1	42
V083008	23.0	1300	3	<0.5	10	117	0.7	11
V083009	13.4	4200	4	1.6	9	167	5.9	67
V083010	27.6	5600	3	0.8	11	129	6.2	102
V083011	13.5	6900	6	0.7	52	214	2.9	233
V083012	37.2	9500	22	<0.5	12	657	0.1	20
V083013	37.5	8700	13	<0.5	8	338	0.1	19
V083014	18.6	2000	2	<0.5	35	152	3.7	84
V083015	15.5	1800	2	<0.5	13	120	2.5	10
V083016	20.4	5400	3	<0.5	11	127	0.6	21
V083017	19.2	2700	2	<0.5	30	117	0.6	27
V083018	33.9	14500	<2	<0.5	30	470	0.2	43
V083019	27.1	22600	27	<0.5	24	676	<0.1	73
V083020	29.0	21200	18	<0.5	24	438	0.1	89
V083021	31.8	8400	5	<0.5	44	234	0.5	78
V083022	42.2	12500	13	<0.5	24	501	<0.1	59
V083023	8.0	2400	9	3.1	35	102	6.6	145
V083024	14.5	3200	7	1.8	18	67	6.4	83

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Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
V083025	13.1	2400	7	1.4	15	86	8.0	134
V083026	11.5	3300	5	2.2	52	103	7.5	159
V083027	12.0	8200	6	3.1	35	205	8.8	116
V083028	15.8	4200	11	5.5	32	183	10.3	209
V083029	6.2	1800	6	2.0	43	63	3.7	112
V083030	21.6	8000	23	<0.5	22	417	0.1	13
V083031	19.0	7500	6	1.8	39	178	7.3	227
V083032	31.2	7600	3	2.5	22	228	5.7	899
V083033	25.5	3200	3	1.6	29	127	4.9	352
V083034	24.7	5400	5	2.1	15	192	8.9	225
V083035	19.5	8000	7	3.7	18	179	12.3	199
V083036	24.3	6700	4	2.1	29	267	5.5	428
V083038	36.5	13200	4	<0.5	13	219	<0.1	16
V083039	66.6	3700	3	<0.5	23	245	<0.1	37
V083040	37.3	2500	<2	<0.5	35	156	0.5	107
V083041	35.2	900	<2	<0.5	51	122	0.7	52
V083042	56.1	33800	5	<0.5	52	1110	<0.1	25
V083043	33.0	10200	9	<0.5	18	254	0.2	19
V083044	46.5	22900	12	<0.5	13	711	<0.1	5
V083045	59.9	10300	11	<0.5	7	700	<0.1	11
V083046	44.3	3400	5	<0.5	11	394	0.2	15
V083047	69.2	4600	5	<0.5	7	423	<0.1	17
V083048	62.8	7900	7	<0.5	19	211	<0.1	9
V083049	78.9	6900	<2	<0.5	62	284	<0.1	66
V083050	15.0	4400	5	2.8	28	191	15.0	160
V083051	8.4	3000	4	5.2	22	70	12.8	211
V083052	12.9	3400	4	2.9	37	212	8.4	330
V083053	17.9	7700	3	2.2	23	172	9.2	327
V083054	31.9	7000	<2	1.0	7	107	3.0	61
V083055	21.6	7000	4	1.9	69	123	5.6	136
V083056	17.0	6500	4	1.6	23	364	7.0	233
V083057	10.4	6900	4	2.9	20	168	17.8	223
V083058	13.9	3100	8	4.5	12	166	15.5	235
V083059	14.8	6400	5	3.3	27	179	13.1	199
V083060	16.2	7000	4	3.4	24	234	9.7	134
V083061	21.6	22400	6	6.1	15	199	18.4	197
V083062	20.0	14300	4	2.8	40	189	11.1	191
V083063	91.0	4100	<2	<0.5	129	150	1.1	102
V083064	44.1	11700	4	2.6	43	253	9.6	221
V083065	28.6	7800	2	2.0	48	305	8.4	193

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
V083066	30.2	4000	<2	<0.5	23	116	1.4	58
V083067	18.5	4300	5	3.5	85	193	7.1	251
V083068	21.6	8400	4	2.0	27	184	11.7	205
V083069	14.5	10300	3	2.1	32	198	7.3	244
	15.3	2700	<2	0.7	18	110	2.9	85
	15.3	14600	9	1.4	21	738	5.8	136
	20.4	3300	<2	<0.5	12	117	0.3	18
	28.3	3800	2	1.6	29	139	4.8	373
	69.3	6400	<2	<0.5	66	252	0.2	54
	17.4	4000	5	3.0	82	191	7.2	249
	25.9	3600	2	1.4	326	358	1.9	96
	97.6	1100	31	<0.5	20	469	0.4	324
	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
	<0.5	<100	<2	<0.5	<1	<5	0.1	<5
	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5

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Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
V083185	<1	5.2	<0.1	112	2.9	50	7	1
V083186	<1	4.6	<0.1	86	3.8	64	5	<1
V083187	<1	4.1	<0.1	73	0.9	51	7	<1
V083188	<1	2.7	<0.1	47	<0.5	10	4	<1
V083189	<1	13.7	<0.1	50	<0.5	100	25	<1
V083190	<1	3.2	<0.1	42	<0.5	21	5	<1
V083191	<1	6.8	<0.1	23	<0.5	36	15	<1
V083192	<1	4.3	<0.1	33	<0.5	25	9	<1
V083193	<1	13.6	<0.1	32	0.7	97	20	<1
V083194	<1	2.5	<0.1	20	<0.5	29	5	<1
V083195	<1	5.9	<0.1	55	<0.5	46	11	<1
V083196	<1	6.6	<0.1	34	<0.5	39	13	<1
V083197	<1	10.2	<0.1	48	<0.5	58	17	<1
V083198	<1	4.7	<0.1	43	<0.5	37	11	<1
V083199	<1	6.1	<0.1	21	2.2	58	9	<1
V083200	<1	30.9	<0.1	67	1.6	95	46	<1
V083001	1	22.5	<0.1	16	1.2	100	35	<1
V083002	<1	5.6	<0.1	77	6.3	65	7	<1
V083003	<1	4.5	<0.1	54	10.7	55	7	<1
V083004	<1	10.1	<0.1	167	9.5	89	11	<1
V083005	<1	5.8	<0.1	75	3.0	35	7	<1
V083006	<1	4.2	<0.1	6	1.3	10	12	<1
V083007	<1	7.1	<0.1	10	1.1	30	17	<1
V083008	<1	1.7	<0.1	108	0.8	10	4	<1
V083009	<1	2.2	<0.1	66	3.4	25	2	<1
V083010	<1	2.2	<0.1	74	5.0	25	2	<1
V083011	<1	11.0	<0.1	70	6.9	63	16	<1
V083012	<1	1.7	<0.1	31	0.9	16	4	<1
V083013	<1	1.1	<0.1	24	0.8	15	3	<1
V083014	<1	7.4	<0.1	82	1.3	32	10	<1
V083015	<1	2.2	<0.1	61	0.9	16	4	<1
V083016	<1	2.0	<0.1	45	0.5	19	3	<1
V083017	<1	5.2	<0.1	42	1.1	17	8	<1
V083018	<1	5.0	<0.1	28	<0.5	20	12	<1
V083019	<1	3.7	<0.1	14	0.5	27	9	<1
V083020	<1	3.9	<0.1	24	0.6	23	9	<1
V083021	<1	8.5	<0.1	40	0.6	28	14	<1
V083022	<1	3.5	<0.1	22	1.5	22	10	<1
V083023	<1	8.3	<0.1	110	3.7	65	9	<1
V083024	<1	4.0	<0.1	86	3.5	28	4	<1

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Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
V083025	<1	3.5	<0.1	77	5.2	30	3	<1
V083026	<1	12.8	<0.1	107	11.9	60	13	<1
V083027	<1	7.7	<0.1	94	4.3	39	9	<1
V083028	<1	7.9	<0.1	111	7.1	62	8	<1
V083029	<1	9.3	<0.1	60	3.7	47	11	<1
V083030	<1	3.2	<0.1	29	1.0	19	9	<1
V083031	<1	8.5	<0.1	87	9.1	61	10	<1
V083032	<1	5.1	<0.1	108	9.4	68	6	<1
V083033	<1	6.8	<0.1	132	6.3	45	8	<1
V083034	<1	3.3	<0.1	105	5.1	53	4	<1
V083035	<1	3.9	<0.1	117	8.0	57	5	<1
V083036	<1	5.6	<0.1	117	5.6	77	8	<1
V083038	<1	2.5	<0.1	16	0.8	23	3	<1
V083039	<1	3.8	<0.1	23	0.7	28	9	<1
V083040	<1	6.7	<0.1	73	1.2	45	10	<1
V083041	<1	9.8	<0.1	57	1.5	42	14	<1
V083042	<1	9.5	<0.1	44	1.7	95	16	<1
V083043	<1	2.9	<0.1	38	0.9	26	5	<1
V083044	<1	2.2	<0.1	27	0.8	24	3	<1
V083045	<1	1.1	<0.1	7	0.6	9	2	<1
V083046	<1	1.9	<0.1	42	<0.5	10	4	<1
V083047	<1	1.1	<0.1	34	<0.5	18	3	<1
V083048	<1	3.0	<0.1	31	0.6	21	7	<1
V083049	<1	10.4	<0.1	62	<0.5	50	21	<1
V083050	<1	5.8	<0.1	120	7.1	84	7	<1
V083051	<1	4.9	<0.1	126	1.8	39	6	<1
V083052	<1	7.8	<0.1	111	6.0	61	9	<1
V083053	<1	4.7	<0.1	122	8.1	58	5	<1
V083054	<1	1.5	<0.1	100	1.2	10	2	<1
V083055	<1	14.7	<0.1	74	5.0	63	17	<1
V083056	<1	5.1	<0.1	98	5.4	54	6	<1
V083057	<1	4.1	<0.1	112	7.0	69	6	<1
V083058	<1	2.8	<0.1	91	4.9	52	3	<1
V083059	<1	6.2	<0.1	95	6.2	57	7	<1
V083060	<1	5.3	<0.1	111	4.8	51	6	<1
V083061	<1	2.9	<0.1	98	4.7	85	4	1
V083062	<1	9.2	<0.1	114	6.3	79	10	<1
V083063	<1	27.2	<0.1	62	2.6	184	32	<1
V083064	<1	9.5	<0.1	111	8.3	112	11	<1
V083065	<1	10.4	<0.1	97	5.9	98	13	<1

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Element Method Det.Lim. Units	Pd GE_MMI_M 1 ppb	Pr GE_MMI_M 0.5 ppb	Pt GE_MMI_M 0.1 ppb	Rb GE_MMI_M 1 ppb	Sb GE_MMI_M 0.5 ppb	Sc GE_MMI_M 5 ppb	Sm GE_MMI_M 1 ppb	Sn GE_MMI_M 1 ppb
V083066	<1	4.2	<0.1	111	0.8	18	7	<1
V083067	<1	19.3	<0.1	117	6.1	85	21	<1
V083068	<1	5.9	<0.1	109	4.4	63	7	<1
V083069	<1	7.3	<0.1	108	3.7	60	8	<1
	<1	3.8	<0.1	62	<0.5	43	5	<1
	<1	4.6	<0.1	61	11.2	62	6	<1
	<1	2.1	<0.1	41	<0.5	17	4	<1
	<1	6.6	<0.1	148	6.2	52	8	<1
	<1	11.3	<0.1	63	0.6	44	21	<1
	<1	19.0	<0.1	110	5.9	85	20	<1
	<1	86.5	<0.1	228	0.5	58	51	<1
	15	3.5	8.1	132	<0.5	8	5	<1
	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
	<1	<0.5	<0.1	<1	<0.5	10	<1	<1
	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1

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Element Method Det.Lim. Units	Sr GE_MMI_M 10 ppb	Ta GE_MMI_M 1 ppb	Tb GE_MMI_M 0.1 ppb	Te GE_MMI_M 10 ppb	Th GE_MMI_M 0.5 ppb	Ti GE_MMI_M 10 ppb	Tl GE_MMI_M 0.1 ppb	U GE_MMI_M 0.5 ppb
V083185	670	<1	1.1	<10	8.8	1890	0.4	3.7
V083186	850	<1	1.0	<10	9.8	1710	0.3	3.8
V083187	980	<1	1.4	<10	5.3	480	0.1	6.0
V083188	1910	<1	0.7	<10	2.5	20	<0.1	4.7
V083189	2230	<1	6.4	<10	3.2	20	<0.1	37.2
V083190	1730	<1	0.9	<10	2.7	40	<0.1	8.0
V083191	3240	<1	3.0	<10	1.6	<10	<0.1	28.0
V083192	3020	<1	1.6	<10	2.3	<10	<0.1	9.5
V083193	2800	<1	4.5	<10	5.2	10	0.2	23.0
V083194	3420	<1	1.4	<10	2.9	<10	<0.1	11.0
V083195	3270	<1	2.4	<10	1.7	<10	<0.1	41.5
V083196	3100	<1	2.9	<10	4.5	<10	0.2	29.0
V083197	2170	<1	3.7	<10	4.9	30	0.1	23.1
V083198	3250	<1	2.2	<10	3.9	<10	<0.1	21.2
V083199	2280	<1	1.4	<10	2.9	<10	0.2	21.2
V083200	1500	<1	9.1	<10	9.3	170	0.2	14.1
V083001	2640	<1	6.7	<10	2.7	<10	0.1	8.5
V083002	780	<1	1.5	<10	8.0	580	0.2	3.9
V083003	1180	<1	1.4	<10	9.4	810	0.2	5.3
V083004	490	<1	1.8	<10	14.1	1750	0.4	5.1
V083005	2070	<1	1.1	<10	5.0	310	<0.1	6.1
V083006	5470	<1	2.8	<10	2.9	<10	<0.1	8.2
V083007	4610	<1	4.7	<10	9.6	<10	<0.1	16.2
V083008	2130	<1	0.6	<10	2.0	10	<0.1	4.7
V083009	1250	<1	0.5	<10	3.6	870	<0.1	3.1
V083010	970	<1	0.6	<10	3.8	650	0.1	2.6
V083011	1060	<1	2.8	<10	13.6	630	0.1	5.5
V083012	4210	<1	1.1	<10	2.3	<10	<0.1	4.8
V083013	3820	<1	0.9	<10	0.8	<10	<0.1	5.8
V083014	1410	<1	1.6	<10	5.6	240	<0.1	4.3
V083015	1480	<1	0.6	<10	3.7	100	<0.1	3.7
V083016	1820	<1	0.6	<10	3.2	40	<0.1	4.6
V083017	2110	<1	1.3	<10	5.4	120	<0.1	7.3
V083018	3020	<1	2.5	<10	3.0	<10	<0.1	3.7
V083019	2990	<1	2.7	<10	2.8	<10	0.1	11.6
V083020	2550	<1	2.3	<10	4.6	10	0.1	11.1
V083021	2660	<1	2.5	<10	8.8	10	<0.1	8.7
V083022	3100	<1	2.5	<10	4.7	<10	<0.1	30.3
V083023	350	<1	1.7	<10	14.3	1540	0.2	7.3
V083024	530	<1	0.8	<10	8.9	840	0.2	4.4

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
V083025	770	<1	0.6	<10	12.7	860	0.2	3.3
V083026	620	<1	2.3	<10	21.7	1090	0.2	6.6
V083027	1130	<1	1.5	<10	9.8	900	0.2	4.7
V083028	860	<1	1.5	<10	17.8	2350	0.3	6.7
V083029	690	<1	1.8	<10	16.0	890	<0.1	6.1
V083030	3430	<1	1.8	<10	1.8	<10	<0.1	7.3
V083031	740	<1	1.9	<10	14.6	990	0.2	4.9
V083032	860	<1	1.0	<10	10.7	1430	0.4	3.5
V083033	980	<1	1.2	<10	9.9	740	0.2	4.1
V083034	1040	<1	0.9	<10	7.0	870	0.2	5.6
V083035	1040	<1	0.8	<10	7.3	1730	0.3	3.6
V083036	730	<1	1.7	<10	9.7	880	0.3	4.3
V083038	1970	<1	0.5	<10	0.6	<10	<0.1	7.9
V083039	3920	<1	1.7	<10	2.1	<10	<0.1	7.5
V083040	1340	<1	1.7	<10	4.6	110	<0.1	6.1
V083041	1580	<1	2.6	<10	3.1	60	<0.1	8.4
V083042	2310	<1	3.7	<10	3.6	<10	0.3	38.5
V083043	1760	<1	0.9	<10	2.5	20	<0.1	9.1
V083044	2370	<1	0.4	<10	0.7	<10	0.1	12.9
V083045	2660	<1	0.4	<10	<0.5	<10	0.1	31.2
V083046	2270	<1	0.8	<10	1.0	<10	<0.1	10.4
V083047	3870	<1	0.7	<10	0.7	<10	<0.1	16.7
V083048	2630	<1	1.2	<10	3.4	<10	0.1	12.1
V083049	3100	<1	4.5	<10	2.6	<10	<0.1	22.3
V083050	620	<1	1.5	<10	9.9	1330	0.4	5.3
V083051	550	<1	1.2	<10	8.5	2270	0.2	3.5
V083052	890	<1	1.6	<10	11.0	1330	0.2	4.9
V083053	560	<1	1.3	<10	11.9	1090	0.2	3.7
V083054	1420	<1	0.3	<10	2.5	390	0.1	2.4
V083055	610	<1	2.9	<10	11.0	990	0.2	4.1
V083056	770	<1	1.2	<10	9.0	820	0.3	3.3
V083057	690	<1	0.9	<10	9.2	1360	0.3	3.9
V083058	610	<1	0.5	<10	7.4	1710	0.5	3.8
V083059	560	<1	1.2	<10	9.3	1450	0.3	3.4
V083060	690	<1	1.2	<10	7.7	1490	0.2	3.3
V083061	640	<1	0.7	<10	7.7	2380	0.3	3.6
V083062	490	<1	1.8	<10	13.8	1290	0.3	4.6
V083063	1820	<1	5.8	<10	13.3	390	0.2	7.9
V083064	860	<1	1.9	<10	17.0	1530	0.2	5.8
V083065	900	<1	2.3	<10	14.5	1080	0.2	5.4

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Element Method Det.Lim. Units	Sr GE_MMI_M 10 ppb	Ta GE_MMI_M 1 ppb	Tb GE_MMI_M 0.1 ppb	Te GE_MMI_M 10 ppb	Th GE_MMI_M 0.5 ppb	Ti GE_MMI_M 10 ppb	Tl GE_MMI_M 0.1 ppb	U GE_MMI_M 0.5 ppb
V083066	1360	<1	1.1	<10	4.0	160	<0.1	3.3
V083067	650	<1	3.4	<10	21.8	1530	0.2	6.5
V083068	720	<1	1.4	<10	11.4	1090	0.3	4.2
V083069	580	<1	1.4	<10	13.5	890	0.2	4.3
	850	<1	1.2	<10	4.0	380	0.1	5.4
	1050	<1	1.4	<10	8.5	810	0.2	3.8
	1910	<1	0.7	<10	3.1	30	<0.1	5.0
	1100	<1	1.3	<10	9.5	710	0.2	4.6
	2680	<1	4.3	<10	3.3	10	<0.1	19.6
	610	<1	3.4	<10	21.5	1430	0.2	6.2
	70	<1	5.2	<10	55.6	260	0.8	19.7
	1510	<1	0.6	<10	16.7	10	0.1	27.8
	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
	<10	<1	<0.1	<10	<0.5	<10	<0.1	0.6

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Element Method Det.Lim. Units	W GE_MMI_M 0.5 ppb	Y GE_MMI_M 1 ppb	Yb GE_MMI_M 0.2 ppb	Zn GE_MMI_M 10 ppb	Zr GE_MMI_M 2 ppb
V083185	1.7	29	2.8	420	53
V083186	1.4	27	2.8	640	49
V083187	<0.5	44	4.4	440	30
V083188	<0.5	21	1.5	120	5
V083189	<0.5	284	21.4	600	11
V083190	<0.5	30	2.4	400	7
V083191	<0.5	122	7.2	80	3
V083192	<0.5	52	3.7	120	5
V083193	<0.5	182	15.5	400	17
V083194	<0.5	46	3.1	220	4
V083195	<0.5	82	7.0	730	7
V083196	<0.5	99	6.4	90	11
V083197	<0.5	131	10.1	500	13
V083198	<0.5	75	5.0	70	9
V083199	<0.5	63	5.4	1580	9
V083200	<0.5	324	19.4	270	24
V083001	<0.5	295	19.7	6180	4
V083002	1.1	47	4.5	560	32
V083003	0.8	48	4.5	680	28
V083004	2.8	48	4.4	1420	59
V083005	<0.5	34	3.3	570	17
V083006	<0.5	89	4.8	10	3
V083007	<0.5	135	9.1	20	9
V083008	<0.5	20	1.6	80	5
V083009	0.6	14	1.2	340	34
V083010	0.5	17	1.6	1530	19
V083011	<0.5	71	6.4	930	36
V083012	<0.5	38	2.4	550	3
V083013	<0.5	24	1.8	120	2
V083014	<0.5	44	3.3	400	16
V083015	<0.5	17	1.3	130	7
V083016	<0.5	14	1.3	140	7
V083017	<0.5	45	2.9	50	11
V083018	<0.5	84	6.2	250	6
V083019	<0.5	79	7.1	30	6
V083020	<0.5	62	5.6	60	9
V083021	<0.5	73	6.2	540	13
V083022	<0.5	81	6.3	30	8
V083023	1.3	39	3.6	420	79
V083024	0.7	23	2.0	290	37

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Element	W	Y	Yb	Zn	Zr
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	0.2	10	2
Units	ppb	ppb	ppb	ppb	ppb
V083025	0.9	14	1.0	580	42
V083026	1.6	53	4.4	260	70
V083027	0.7	51	3.7	700	47
V083028	1.8	38	3.3	620	71
V083029	0.7	39	3.3	290	53
V083030	<0.5	56	3.6	20	5
V083031	1.6	42	3.8	750	44
V083032	1.4	28	2.3	3070	55
V083033	1.3	31	2.9	860	39
V083034	1.1	25	2.6	930	35
V083035	1.6	24	2.5	1160	47
V083036	0.6	55	4.6	1460	39
V083038	<0.5	23	1.6	110	3
V083039	<0.5	56	3.8	90	4
V083040	<0.5	52	4.0	280	12
V083041	<0.5	91	6.1	200	11
V083042	<0.5	163	14.3	60	13
V083043	<0.5	30	2.2	150	5
V083044	<0.5	22	1.9	30	3
V083045	<0.5	20	1.3	20	<2
V083046	<0.5	23	1.6	60	3
V083047	<0.5	24	1.9	90	<2
V083048	<0.5	41	2.9	20	7
V083049	<0.5	176	12.3	220	7
V083050	1.6	49	4.2	500	54
V083051	1.1	34	3.4	790	43
V083052	0.9	42	4.0	1820	51
V083053	1.3	35	3.5	2070	44
V083054	<0.5	10	0.8	1270	16
V083055	0.9	83	6.6	1130	58
V083056	1.1	33	3.0	1080	32
V083057	1.6	29	2.9	2040	46
V083058	2.9	17	1.9	1200	56
V083059	1.4	31	2.8	3130	50
V083060	1.1	31	2.9	1130	52
V083061	1.6	23	2.3	1910	68
V083062	1.2	45	4.6	340	60
V083063	<0.5	130	10.1	130	46
V083064	1.5	51	4.7	460	61
V083065	1.1	55	5.0	1030	60

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Element Method Det.Lim. Units	W GE_MMI_M 0.5 ppb	Y GE_MMI_M 1 ppb	Yb GE_MMI_M 0.2 ppb	Zn GE_MMI_M 10 ppb	Zr GE_MMI_M 2 ppb
V083066	<0.5	32	2.3	850	10
V083067	1.1	85	6.6	300	72
V083068	0.7	35	2.9	840	44
V083069	0.7	35	3.0	1420	41
	<0.5	40	3.3	340	26
	1.0	44	4.2	720	33
	<0.5	15	1.4	90	6
	0.9	32	2.8	970	37
	<0.5	156	10.7	210	8
	1.0	84	6.5	300	70
	0.7	103	7.7	170	38
	<0.5	20	0.7	720	27
	<0.5	<1	<0.2	<10	<2
	<0.5	<1	<0.2	<10	<2
	<0.5	<1	<0.2	<10	<2
	<0.5	<1	<0.2	<10	<2

Date:

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Samples: 84

Received:

Pages:

		Description
84	G_LOG02	
84	GE_MMI_M	

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Element Method Det.Lim. Units	Ag GE_MMI_M 0.5 ppb	Al GE_MMI_M 1 ppm	As GE_MMI_M 10 ppb	Au GE_MMI_M 0.1 ppb	Ba GE_MMI_M 10 ppb	Bi GE_MMI_M 0.5 ppb	Ca GE_MMI_M 2 ppm	Cd GE_MMI_M 1 ppb
V083451	39.8	162	520	0.7	1310	0.7	206	16
V083452	30.2	260	1400	1.4	3580	1.2	96	12
V083453	33.7	286	980	0.6	2530	1.1	85	14
V083454	25.7	157	630	2.2	1830	0.7	193	12
V083455	25.8	294	510	0.4	3360	1.1	86	18
V083456	40.7	166	380	1.0	1710	0.6	207	20
V083457	25.4	198	700	4.1	3660	1.0	145	16
V083458	39.6	183	350	0.9	2180	1.2	153	17
V083459	24.5	181	550	1.2	1990	1.2	154	17
V083460	47.9	240	650	4.3	2100	2.0	117	12
V083461	37.3	187	290	1.0	3320	0.8	140	15
V083462	21.4	156	410	1.8	2210	0.8	122	12
V083463	41.5	104	240	1.9	2320	<0.5	188	10
V083464	43.7	80	180	1.2	1290	<0.5	235	8
V083465	31.0	86	310	3.5	1290	<0.5	217	7
V083466	50.9	122	20	6.5	1890	<0.5	537	39
V083467	62.4	25	<10	3.9	1110	<0.5	634	31
V083468	87.3	14	<10	9.2	530	<0.5	664	45
V083469	99.2	15	10	3.9	780	<0.5	642	29
V083470	110	9	<10	2.8	770	<0.5	709	16
V083471	87.1	22	<10	4.7	1250	<0.5	662	13
V083472	39.9	47	210	4.1	1460	<0.5	277	11
V083473	54.2	72	150	0.7	1430	<0.5	247	18
V083474	32.1	132	330	3.7	3030	0.9	105	12
V083475	52.9	116	350	2.3	2250	0.5	180	11
V083476	64.9	100	310	3.1	1780	<0.5	200	8
V083477	54.2	120	320	2.2	2240	<0.5	216	10
V083478	20.9	142	150	0.4	2600	<0.5	137	7
V083479	46.0	153	350	5.1	3080	0.9	109	8
V083480	57.0	109	210	0.7	1220	0.6	138	9
V083481	58.5	80	200	0.6	850	<0.5	224	10
V083482	19.6	203	350	0.2	1710	0.8	62	19
V083483	41.3	176	320	0.4	2640	0.6	157	18
V083484	13.5	131	260	0.8	1910	<0.5	131	8
V083485	15.8	123	130	0.2	1060	<0.5	191	30
V083486	32.8	99	140	0.8	980	<0.5	229	21
V083487	41.4	150	830	1.0	1500	0.6	161	33
V083488	205	61	<10	4.1	1840	<0.5	392	102
V083489	217	12	<10	3.7	820	<0.5	536	34
V083490	88.9	19	<10	1.6	890	<0.5	542	44

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
V083491	33.6	193	320	0.8	1690	0.5	137	22
V083492	34.2	128	400	4.7	1480	<0.5	179	10
V083493	81.8	27	<10	0.8	280	<0.5	429	42
V083494	23.5	9	<10	1.5	360	<0.5	572	26
V083495	49.8	88	<10	1.0	830	<0.5	442	84
V083496	40.7	86	50	1.1	770	<0.5	296	31
V083497	36.5	105	80	1.2	1060	<0.5	270	13
V083498	39.6	128	340	1.5	840	<0.5	148	16
V083499	52.3	107	350	2.9	1250	<0.5	114	14
V083500	20.9	160	190	0.5	1140	0.7	146	31
V083151	32.6	143	220	1.2	1170	0.6	156	31
V083152	16.6	168	150	0.4	1160	0.7	128	12
V083153	10.1	142	130	0.2	1500	0.6	170	22
V083154	13.4	165	160	1.0	1160	<0.5	123	12
V083155	11.6	95	60	0.8	490	<0.5	258	13
V083156	8.7	130	230	1.3	1270	<0.5	172	4
V083157	28.6	101	230	3.0	1160	<0.5	211	8
V083158	15.6	138	240	0.5	810	<0.5	204	26
V083159	21.7	195	490	1.1	1530	0.9	95	30
V083160	39.2	155	190	0.6	920	<0.5	142	21
V083161	12.5	159	390	1.1	1880	0.5	127	10
V083162	23.7	104	180	0.5	1230	<0.5	219	12
V083163	26.3	145	920	3.5	1570	0.7	141	23
V083164	34.3	227	540	0.4	1780	0.8	84	19
V083165	17.3	199	480	1.9	1640	0.8	59	11
V083166	20.4	175	150	0.4	1140	<0.5	80	20
V083167	17.4	97	30	0.7	740	<0.5	270	32
V083168	3.2	76	<10	0.3	1130	<0.5	417	83
V083169	174	22	<10	4.9	1590	<0.5	621	31
V083170	116	60	<10	5.3	1450	<0.5	521	20
V083171	37.4	94	<10	1.1	600	<0.5	393	16
V083172	61.8	95	<10	2.2	1250	<0.5	471	19
V083173	71.7	20	<10	2.3	1170	<0.5	759	24
V083174	19.7	124	40	0.7	890	<0.5	218	25
V083175	27.6	130	70	0.9	860	<0.5	211	16
V083176	31.9	151	90	0.7	1580	<0.5	197	17
V083177	41.2	57	10	0.4	570	<0.5	304	8
V083178	26.7	62	<10	0.3	650	<0.5	385	12
V083179	34.8	78	<10	0.4	990	<0.5	320	9
V083180	17.9	124	20	<0.1	1040	<0.5	237	40

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
V083181	31.0	10	<10	0.8	660	<0.5	736	27
V083182	42.1	137	80	0.6	1150	<0.5	154	15
V083183	44.7	40	<10	1.0	2350	<0.5	468	11
V083184	27.3	160	110	0.2	2420	<0.5	156	18
	23.6	151	630	1.6	1730	0.6	194	11
	56.5	71	170	1.0	1350	<0.5	228	15
	44.4	159	300	0.4	2410	0.6	145	17
	33.5	151	230	0.4	1210	0.5	161	31
	16.6	141	270	0.4	860	0.6	197	25
	41.8	42	<10	0.8	2180	<0.5	470	12
	23.9	20	<10	9.5	140	<0.5	216	90
	21.3	19	<10	4.2	1860	<0.5	805	30
	<0.5	1	<10	<0.1	<10	<0.5	<2	<1
	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
V083451	29	115	100	2.6	510	6.1	3.2	1.8
V083452	73	205	300	2.9	1570	10.5	5.3	3.5
V083453	47	188	200	4.0	1070	7.2	4.1	2.1
V083454	61	240	100	2.3	950	7.4	3.6	2.5
V083455	59	157	200	3.5	510	9.0	4.8	2.7
V083456	25	54	100	2.4	240	4.9	2.7	1.6
V083457	409	242	200	2.9	1500	26.3	11.5	8.0
V083458	67	187	100	3.7	740	8.2	4.0	2.7
V083459	37	97	200	3.7	480	5.1	2.7	1.5
V083460	71	170	200	4.9	2270	10.8	5.4	2.9
V083461	73	266	100	2.4	640	8.9	4.7	2.9
V083462	62	139	200	1.9	470	6.5	3.1	2.2
V083463	53	145	<100	1.3	580	5.1	2.5	1.8
V083464	23	50	<100	1.1	330	2.7	1.3	1.0
V083465	137	160	<100	1.1	510	8.6	3.9	2.9
V083466	419	320	<100	0.5	1180	119	75.3	28.2
V083467	66	283	<100	0.4	1010	13.3	7.3	4.1
V083468	47	245	<100	0.3	1910	13.7	7.6	3.4
V083469	46	172	<100	0.2	1620	11.1	5.5	3.2
V083470	5	119	<100	<0.2	4380	3.8	1.9	1.0
V083471	23	413	<100	0.3	2980	15.2	9.1	3.7
V083472	129	337	<100	1.2	1250	4.4	1.9	1.8
V083473	17	39	<100	1.2	410	3.1	2.0	1.1
V083474	108	125	100	1.8	410	9.5	4.8	3.2
V083475	69	145	<100	1.8	580	6.2	2.6	2.0
V083476	50	108	<100	1.4	560	9.2	4.7	2.9
V083477	116	133	<100	2.8	1150	9.3	4.5	3.3
V083478	51	101	<100	2.2	310	5.1	2.1	1.7
V083479	51	95	100	2.4	410	4.7	2.4	1.6
V083480	94	171	<100	1.7	1330	8.1	4.2	2.8
V083481	16	54	<100	1.4	240	2.1	1.2	0.7
V083482	23	182	200	3.3	270	3.5	2.2	1.1
V083483	39	100	100	3.0	440	5.8	3.1	2.0
V083484	41	75	100	1.7	490	6.0	3.0	2.0
V083485	19	79	<100	1.8	320	4.0	2.4	1.2
V083486	22	52	<100	1.6	320	6.9	3.4	2.4
V083487	41	115	100	2.8	730	5.9	3.4	2.0
V083488	44	160	<100	1.1	1660	43.6	26.5	12.0
V083489	44	567	<100	0.3	3190	3.2	1.6	1.5
V083490	14	83	<100	0.4	590	2.9	1.5	1.0

Element Method Det.Lim. Units	Ce GE_MMI_M 2 ppb	Co GE_MMI_M 1 ppb	Cr GE_MMI_M 100 ppb	Cs GE_MMI_M 0.2 ppb	Cu GE_MMI_M 10 ppb	Dy GE_MMI_M 0.5 ppb	Er GE_MMI_M 0.2 ppb	Eu GE_MMI_M 0.2 ppb
V083491	64	247	100	1.9	1120	9.4	5.3	2.8
V083492	667	170	<100	1.7	1540	105	45.8	35.6
V083493	11	188	<100	4.2	1820	2.9	1.6	1.1
V083494	13	206	<100	0.2	1680	2.2	1.1	0.8
V083495	28	87	<100	0.9	940	13.1	7.5	3.5
V083496	16	48	<100	1.4	290	2.8	1.6	0.8
V083497	17	168	<100	1.8	500	3.1	1.8	0.9
V083498	70	133	100	1.7	1430	9.7	5.3	3.1
V083499	283	182	100	2.0	1500	35.2	18.9	11.7
V083500	17	94	100	2.4	390	3.6	2.2	1.1
V083151	19	102	100	2.0	330	3.8	2.2	1.1
V083152	27	105	200	3.6	360	5.9	3.7	1.6
V083153	21	83	100	3.1	410	4.0	2.4	1.2
V083154	30	96	100	2.8	360	4.0	2.8	1.3
V083155	8	35	<100	1.9	210	1.8	1.1	0.5
V083156	81	70	100	2.3	800	8.8	4.2	2.6
V083157	25	131	<100	1.9	380	3.6	2.1	1.3
V083158	13	165	<100	2.8	290	2.8	1.8	0.6
V083159	39	241	200	4.2	590	6.5	4.0	1.8
V083160	43	179	100	2.8	550	6.3	3.4	1.9
V083161	40	196	200	2.5	400	5.3	2.9	1.8
V083162	32	106	<100	1.3	710	4.3	2.2	1.3
V083163	38	239	100	2.7	720	4.1	2.2	1.5
V083164	25	154	200	4.0	460	4.0	2.3	1.2
V083165	56	173	200	2.9	660	7.3	4.0	2.2
V083166	36	155	<100	1.9	370	6.0	3.6	1.9
V083167	36	38	<100	1.4	560	8.6	5.0	2.8
V083168	14	40	<100	0.5	280	3.5	2.4	1.0
V083169	42	179	<100	0.3	1740	12.9	7.5	3.7
V083170	157	82	<100	0.5	1690	82.9	47.3	23.7
V083171	67	90	<100	1.1	760	14.9	8.3	5.0
V083172	104	81	<100	1.1	920	18.1	9.7	6.1
V083173	24	98	<100	0.5	1540	5.0	2.5	1.7
V083174	20	69	<100	2.6	200	3.6	2.1	1.1
V083175	20	75	200	4.1	280	3.7	2.1	1.1
V083176	44	144	200	5.9	750	6.8	3.7	2.2
V083177	21	43	<100	4.1	600	4.0	2.2	1.5
V083178	17	27	<100	3.0	560	5.2	3.4	1.7
V083179	37	57	<100	8.3	700	6.2	3.5	2.1
V083180	47	119	100	4.5	500	10.5	6.5	3.0

Element Method Det.Lim. Units	Ce GE_MMI_M 2 ppb	Co GE_MMI_M 1 ppb	Cr GE_MMI_M 100 ppb	Cs GE_MMI_M 0.2 ppb	Cu GE_MMI_M 10 ppb	Dy GE_MMI_M 0.5 ppb	Er GE_MMI_M 0.2 ppb	Eu GE_MMI_M 0.2 ppb
V083181	18	124	<100	<0.2	1210	4.0	1.8	1.0
V083182	267	164	100	1.9	1220	44.3	23.6	13.3
V083183	53	93	<100	1.0	710	8.2	4.3	3.1
V083184	54	237	200	2.1	490	5.4	2.6	1.8
	63	234	100	2.4	910	7.0	4.4	2.3
	16	46	<100	1.4	390	3.1	2.0	1.0
	39	92	100	2.5	390	5.5	2.7	1.8
	19	101	100	2.1	350	3.6	2.4	1.0
	14	170	<100	2.7	300	2.7	1.7	0.8
	56	83	<100	1.1	670	8.7	4.4	3.1
	25	76	<100	4.6	880	2.8	1.3	0.9
	24	334	<100	3.3	1610	13.2	7.4	2.8
	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
V083451	181	14.0	6.4	<1	0.2	26.8	14	9
V083452	280	18.9	11.2	<1	0.3	13.7	37	10
V083453	254	28.3	7.6	<1	0.3	34.1	22	24
V083454	143	10.0	7.9	<1	0.2	46.1	21	7
V083455	355	29.0	8.9	1	0.4	25.1	26	28
V083456	202	15.5	5.2	<1	0.2	53.8	13	15
V083457	182	11.9	27.3	<1	0.2	20.2	120	11
V083458	193	17.8	8.2	<1	0.3	23.1	27	10
V083459	223	23.6	6.0	<1	0.3	28.3	17	24
V083460	220	25.6	10.1	<1	0.4	22.8	32	18
V083461	197	15.5	9.4	<1	0.3	27.1	30	13
V083462	168	7.8	7.0	<1	0.2	17.8	25	8
V083463	106	6.5	5.8	<1	<0.1	32.9	19	4
V083464	84	4.9	3.1	<1	<0.1	46.0	8	2
V083465	107	5.1	9.8	<1	<0.1	24.2	24	1
V083466	53	1.6	115	<1	<0.1	37.8	151	11
V083467	22	0.8	16.8	<1	<0.1	16.5	12	8
V083468	14	0.9	16.6	<1	<0.1	15.8	5	11
V083469	15	<0.5	14.3	<1	<0.1	9.9	8	8
V083470	11	<0.5	5.2	<1	<0.1	7.7	<1	5
V083471	17	1.0	16.7	<1	<0.1	20.7	9	3
V083472	73	3.4	5.3	<1	<0.1	39.3	15	<1
V083473	79	4.5	3.7	<1	<0.1	42.2	9	3
V083474	175	10.2	10.9	<1	0.2	24.2	43	10
V083475	145	8.8	6.8	<1	0.1	45.8	22	7
V083476	108	6.2	10.5	1	<0.1	46.5	25	3
V083477	103	4.4	10.7	<1	<0.1	43.2	30	2
V083478	115	9.7	5.4	<1	0.2	28.2	24	6
V083479	163	15.1	5.4	<1	0.2	14.5	20	11
V083480	108	9.4	9.3	<1	0.1	17.6	34	4
V083481	81	7.7	2.4	<1	<0.1	28.9	8	4
V083482	275	28.4	2.9	<1	0.2	31.4	12	25
V083483	175	12.4	6.3	1	0.2	35.4	23	8
V083484	112	9.3	6.4	<1	0.1	32.2	17	2
V083485	121	10.3	4.1	<1	0.1	31.9	9	7
V083486	112	10.8	8.9	<1	<0.1	24.5	19	7
V083487	188	17.1	6.9	<1	0.2	40.6	19	10
V083488	21	1.0	48.1	<1	<0.1	22.1	42	2
V083489	13	1.7	4.7	<1	<0.1	12.2	6	4
V083490	15	0.6	4.0	<1	<0.1	12.8	4	<1

Element Method Det.Lim. Units	Fe GE_MMI_M 1 ppm	Ga GE_MMI_M 0.5 ppb	Gd GE_MMI_M 0.5 ppb	Hg GE_MMI_M 1 ppb	In GE_MMI_M 0.1 ppb	K GE_MMI_M 0.5 ppm	La GE_MMI_M 1 ppb	Li GE_MMI_M 1 ppb
V083491	150	11.8	10.0	<1	0.2	13.2	21	7
V083492	73	6.3	128	<1	<0.1	8.0	305	<1
V083493	15	0.7	3.8	<1	<0.1	9.6	4	7
V083494	11	<0.5	2.9	<1	<0.1	6.9	<1	7
V083495	43	1.5	13.3	<1	<0.1	13.6	16	<1
V083496	44	3.7	3.2	<1	<0.1	25.0	5	1
V083497	57	3.4	3.2	<1	<0.1	31.3	6	1
V083498	166	11.9	12.0	<1	0.1	15.2	30	3
V083499	117	8.4	43.8	<1	0.2	13.2	101	<1
V083500	229	19.7	2.9	<1	0.2	23.3	8	12
V083151	194	15.5	3.6	<1	0.2	20.2	9	9
V083152	221	27.1	6.1	<1	0.2	24.0	12	24
V083153	158	13.9	3.7	<1	0.1	35.2	9	11
V083154	173	15.3	4.2	<1	0.2	20.0	13	9
V083155	74	5.5	1.7	<1	<0.1	69.2	4	3
V083156	120	9.6	8.9	<1	0.1	13.2	29	3
V083157	100	7.7	4.0	<1	<0.1	23.9	11	4
V083158	167	14.8	2.7	<1	0.1	50.5	7	15
V083159	245	23.1	5.8	<1	0.3	23.9	17	22
V083160	135	10.0	7.0	<1	0.2	14.4	17	8
V083161	150	9.5	5.0	<1	0.2	15.6	14	5
V083162	89	7.3	4.6	<1	0.1	10.4	11	2
V083163	156	9.3	4.5	<1	0.2	17.0	15	4
V083164	276	22.8	4.1	<1	0.3	13.7	11	20
V083165	226	18.7	7.7	<1	0.3	11.1	21	13
V083166	161	14.1	5.8	<1	0.2	14.6	15	12
V083167	61	3.9	8.7	<1	<0.1	38.1	13	2
V083168	52	2.2	4.1	<1	<0.1	57.1	5	<1
V083169	15	1.0	15.2	<1	<0.1	16.8	8	2
V083170	21	1.0	93.5	<1	<0.1	13.8	91	<1
V083171	45	1.5	18.8	<1	<0.1	11.1	33	1
V083172	27	1.5	23.8	<1	<0.1	6.0	42	<1
V083173	18	0.8	6.2	<1	<0.1	13.6	5	<1
V083174	95	6.8	3.8	<1	<0.1	8.6	8	5
V083175	113	8.7	4.0	<1	<0.1	19.0	9	9
V083176	174	7.9	7.7	<1	0.2	13.7	20	9
V083177	40	3.3	5.0	<1	<0.1	45.1	9	2
V083178	34	3.3	6.2	<1	<0.1	25.7	9	1
V083179	34	2.8	7.9	<1	<0.1	19.6	14	<1
V083180	108	11.4	10.4	<1	0.1	20.6	19	4

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
V083181	13	0.7	5.0	<1	<0.1	5.7	2	7
V083182	128	9.4	51.2	<1	0.1	8.5	119	4
V083183	23	0.7	10.7	<1	<0.1	19.4	19	12
V083184	141	12.2	5.6	<1	0.2	9.8	18	9
	143	10.2	8.2	<1	0.2	42.4	21	6
	83	5.1	3.5	<1	<0.1	40.2	9	4
	161	11.8	6.4	<1	0.1	34.2	22	7
	200	16.6	3.5	<1	0.1	20.6	9	10
	175	15.7	2.8	<1	0.1	51.7	8	15
	22	1.2	11.8	<1	<0.1	19.0	19	11
	6	0.7	4.6	6	<0.1	27.4	6	<1
	10	<0.5	14.5	1	<0.1	78.3	4	<1
	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
V083451	17.9	4800	5	3.6	18	193	6.2	149
V083452	8.9	3700	20	8.2	40	193	8.6	282
V083453	13.3	4100	6	5.0	24	297	13.7	135
V083454	14.8	6100	6	3.1	27	269	5.2	151
V083455	10.3	4200	8	7.2	32	264	14.7	194
V083456	10.8	6700	7	3.9	15	226	12.7	143
V083457	29.1	9800	8	4.0	103	322	5.3	227
V083458	14.4	7200	7	4.1	31	221	9.1	106
V083459	18.5	6700	6	4.0	20	127	18.2	90
V083460	11.6	4000	12	3.5	32	197	8.5	101
V083461	10.2	10000	6	3.9	32	198	10.4	183
V083462	9.0	2900	11	4.5	26	157	6.8	151
V083463	10.9	5200	8	2.4	22	118	4.9	103
V083464	13.9	1400	3	1.4	12	125	6.8	71
V083465	12.8	4800	8	2.2	36	142	2.4	146
V083466	39.3	8100	<2	<0.5	253	524	0.3	340
V083467	41.8	8900	6	<0.5	32	419	0.2	37
V083468	34.3	13200	20	<0.5	19	479	<0.1	30
V083469	32.8	8900	16	<0.5	22	368	<0.1	17
V083470	35.8	2300	6	<0.5	5	456	<0.1	7
V083471	41.5	11800	5	<0.5	23	401	<0.1	36
V083472	22.1	19700	9	0.9	22	120	2.0	49
V083473	14.4	4400	6	3.3	11	132	4.4	97
V083474	18.9	7900	6	2.8	41	196	9.6	192
V083475	16.5	5100	5	2.3	24	133	9.2	155
V083476	26.7	2700	8	2.0	34	111	3.8	126
V083477	16.6	4500	8	1.4	35	250	3.4	168
V083478	9.8	2500	3	2.3	22	109	4.9	157
V083479	9.4	6800	7	3.6	19	78	8.6	143
V083480	16.1	7900	4	1.9	37	167	5.0	117
V083481	15.7	2400	3	1.4	9	107	4.4	75
V083482	11.0	8200	5	5.1	13	164	19.4	183
V083483	10.1	4100	5	3.6	24	160	11.7	267
V083484	16.0	2900	4	1.8	21	67	5.3	93
V083485	12.8	7200	3	2.0	13	115	7.9	130
V083486	17.3	3300	2	1.9	27	108	8.4	86
V083487	17.8	5700	6	3.6	22	163	8.8	125
V083488	51.7	3700	<2	<0.5	87	165	0.1	112
V083489	32.3	40100	27	<0.5	14	724	0.1	9
V083490	34.1	2600	<2	<0.5	9	135	0.3	99

Element Method Det.Lim. Units	Mg GE_MMI_M 0.5 ppm	Mn GE_MMI_M 100 ppb	Mo GE_MMI_M 2 ppb	Nb GE_MMI_M 0.5 ppb	Nd GE_MMI_M 1 ppb	Ni GE_MMI_M 5 ppb	P GE_MMI_M 0.1 ppm	Pb GE_MMI_M 5 ppb
V083491	13.5	4200	4	2.0	29	174	4.4	267
V083492	28.0	4200	3	1.3	412	98	1.6	184
V083493	16.9	4800	6	0.5	9	177	<0.1	15
V083494	36.2	5400	15	<0.5	4	337	<0.1	8
V083495	35.9	3500	<2	<0.5	30	304	0.3	106
V083496	15.4	2800	<2	<0.5	9	73	1.6	93
V083497	31.0	5000	<2	<0.5	10	97	2.0	78
V083498	22.5	3600	6	2.1	39	120	7.1	164
V083499	30.8	6600	5	2.0	149	79	4.0	240
V083500	11.9	2700	3	3.8	10	94	12.5	113
V083151	16.1	7500	3	3.2	12	108	10.8	114
V083152	19.6	7600	2	4.9	17	138	14.2	348
V083153	12.9	7800	5	4.0	12	158	9.0	119
V083154	15.2	4500	3	4.5	16	136	12.3	108
V083155	14.4	3100	<2	0.9	6	67	4.9	45
V083156	27.3	2500	3	1.9	32	82	4.9	96
V083157	26.2	4100	2	1.1	13	122	3.8	114
V083158	17.2	4700	<2	2.2	9	187	10.1	123
V083159	14.9	6300	4	4.3	20	186	10.2	167
V083160	12.3	4200	3	1.7	21	225	5.1	150
V083161	17.4	7100	5	2.1	17	125	5.5	150
V083162	16.1	3400	4	1.6	16	114	2.4	135
V083163	11.2	4900	4	1.3	17	145	8.2	147
V083164	12.5	4200	5	3.9	13	181	16.9	125
V083165	12.7	7300	7	3.1	25	153	11.2	215
V083166	9.5	1800	3	3.0	21	138	5.9	231
V083167	22.6	4200	<2	<0.5	24	309	1.5	55
V083168	35.0	8800	<2	<0.5	8	236	0.8	70
V083169	42.4	7000	7	<0.5	23	255	<0.1	83
V083170	73.2	2600	<2	<0.5	193	333	<0.1	202
V083171	41.0	1900	<2	<0.5	54	230	0.5	276
V083172	37.4	1400	<2	<0.5	69	122	0.4	815
V083173	43.0	3300	<2	<0.5	14	229	<0.1	86
V083174	30.3	4300	<2	0.7	11	143	6.1	287
V083175	28.2	2400	<2	1.6	12	146	4.5	279
V083176	36.0	2600	<2	1.4	25	238	7.8	388
V083177	31.8	1600	<2	<0.5	14	70	1.8	32
V083178	32.5	3800	<2	<0.5	18	99	1.5	30
V083179	66.3	2500	<2	<0.5	21	67	0.9	31
V083180	29.7	8600	3	1.8	30	149	3.2	224

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
V083181	54.3	10100	8	<0.5	7	468	<0.1	14
V083182	15.7	6300	3	2.3	169	128	4.5	107
V083183	31.2	1800	<2	<0.5	33	105	0.3	37
V083184	18.2	9600	3	2.4	21	224	6.0	122
	14.3	6000	6	2.7	26	265	4.7	142
	13.2	3700	5	2.8	11	125	5.1	111
	9.5	4400	5	3.6	23	141	11.9	234
	17.1	7700	3	3.4	11	121	11.0	116
	17.6	4400	3	2.3	9	181	11.0	119
	32.3	2000	<2	<0.5	33	109	0.3	42
	105	1100	27	<0.5	16	449	0.5	259
	173	5700	7	<0.5	19	1680	0.1	981
	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
	<0.5	<100	<2	<0.5	<1	<5	0.1	<5
	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
	<0.5	<100	<2	<0.5	1	<5	<0.1	<5

Element Method Det.Lim. Units	Pd GE_MMI_M 1 ppb	Pr GE_MMI_M 0.5 ppb	Pt GE_MMI_M 0.1 ppb	Rb GE_MMI_M 1 ppb	Sb GE_MMI_M 0.5 ppb	Sc GE_MMI_M 5 ppb	Sm GE_MMI_M 1 ppb	Sn GE_MMI_M 1 ppb
V083451	<1	3.8	<0.1	121	4.8	42	5	<1
V083452	<1	9.3	<0.1	92	12.2	57	11	2
V083453	<1	5.5	<0.1	128	9.8	81	6	1
V083454	<1	5.8	<0.1	79	8.6	42	8	<1
V083455	<1	6.9	<0.1	76	7.6	74	8	1
V083456	<1	3.4	<0.1	71	4.9	37	4	<1
V083457	<1	25.2	<0.1	77	19.4	138	25	<1
V083458	<1	6.8	<0.1	116	5.4	47	8	<1
V083459	<1	4.3	<0.1	96	6.6	52	5	<1
V083460	<1	7.4	<0.1	83	10.2	94	9	<1
V083461	<1	7.4	<0.1	100	4.2	49	9	<1
V083462	<1	6.0	<0.1	83	7.1	32	7	1
V083463	<1	5.0	<0.1	56	3.4	20	5	<1
V083464	<1	2.4	<0.1	67	1.7	14	3	<1
V083465	<1	7.9	<0.1	70	6.5	27	9	<1
V083466	<1	53.1	<0.1	39	0.9	191	80	<1
V083467	<1	5.6	<0.1	33	1.1	21	11	<1
V083468	<1	2.6	<0.1	19	1.3	24	8	<1
V083469	<1	3.6	<0.1	17	0.7	16	9	<1
V083470	<1	0.7	<0.1	13	<0.5	11	3	<1
V083471	<1	3.9	<0.1	20	1.0	30	9	<1
V083472	<1	4.8	<0.1	64	6.5	17	6	<1
V083473	<1	2.5	<0.1	74	3.4	7	3	1
V083474	<1	9.9	<0.1	109	5.4	56	9	<1
V083475	<1	5.5	<0.1	78	5.6	32	6	<1
V083476	<1	7.1	<0.1	78	3.5	25	9	<1
V083477	<1	8.0	<0.1	77	7.5	35	9	<1
V083478	<1	5.4	<0.1	110	2.5	23	5	<1
V083479	<1	4.7	<0.1	99	9.9	35	4	<1
V083480	<1	8.4	<0.1	99	4.2	35	9	<1
V083481	<1	1.8	<0.1	98	1.9	16	2	<1
V083482	<1	2.8	<0.1	84	4.0	53	3	<1
V083483	<1	5.6	<0.1	95	2.9	33	6	<1
V083484	<1	4.6	<0.1	89	2.2	46	6	<1
V083485	<1	2.7	<0.1	65	0.9	35	3	<1
V083486	<1	5.4	<0.1	65	1.4	28	7	<1
V083487	<1	4.8	<0.1	86	5.6	53	6	<1
V083488	<1	15.6	<0.1	65	<0.5	57	29	<1
V083489	<1	2.5	<0.1	28	1.2	11	3	<1
V083490	<1	1.6	<0.1	37	<0.5	<5	3	<1

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
V083491	<1	6.4	<0.1	89	4.8	54	8	<1
V083492	<1	90.9	<0.1	70	6.8	277	109	<1
V083493	<1	1.7	<0.1	39	0.7	8	3	<1
V083494	<1	0.6	0.1	19	<0.5	<5	2	<1
V083495	<1	5.7	<0.1	46	<0.5	43	10	<1
V083496	<1	1.8	<0.1	90	0.6	10	2	<1
V083497	<1	2.0	<0.1	65	1.8	19	3	<1
V083498	<1	8.4	<0.1	64	4.1	61	10	<1
V083499	<1	32.4	<0.1	79	5.9	148	37	<1
V083500	<1	2.2	<0.1	75	2.4	48	3	<1
V083151	<1	2.4	<0.1	61	2.4	37	3	<1
V083152	<1	3.7	<0.1	75	1.7	79	4	<1
V083153	<1	2.6	<0.1	86	1.9	35	3	<1
V083154	<1	3.6	<0.1	68	2.6	44	4	<1
V083155	<1	1.2	<0.1	88	<0.5	19	1	<1
V083156	<1	7.5	<0.1	75	2.8	64	8	<1
V083157	<1	3.3	<0.1	69	3.5	31	4	<1
V083158	<1	1.9	<0.1	80	2.1	42	2	<1
V083159	<1	4.6	<0.1	135	5.5	75	5	<1
V083160	<1	4.7	<0.1	92	2.8	42	6	<1
V083161	<1	3.6	<0.1	77	5.1	49	5	<1
V083162	<1	3.3	<0.1	88	2.4	22	4	<1
V083163	<1	3.9	<0.1	77	5.5	37	4	<1
V083164	<1	2.8	<0.1	86	4.7	68	3	<1
V083165	<1	5.9	<0.1	91	5.9	84	7	<1
V083166	<1	4.6	<0.1	82	1.4	50	5	<1
V083167	<1	4.8	<0.1	44	0.5	36	7	<1
V083168	<1	1.6	<0.1	45	<0.5	24	3	<1
V083169	<1	3.7	<0.1	25	<0.5	24	9	<1
V083170	<1	35.2	<0.1	30	0.5	179	64	<1
V083171	<1	10.6	<0.1	57	<0.5	45	15	<1
V083172	<1	14.2	<0.1	32	<0.5	64	20	<1
V083173	<1	2.4	<0.1	25	<0.5	18	4	<1
V083174	<1	2.3	<0.1	55	2.6	34	3	<1
V083175	<1	2.4	<0.1	83	3.0	34	3	<1
V083176	<1	5.5	<0.1	78	4.5	57	6	<1
V083177	<1	2.9	<0.1	92	0.9	24	4	<1
V083178	<1	3.2	<0.1	76	<0.5	31	5	<1
V083179	<1	4.3	<0.1	82	<0.5	55	6	<1
V083180	<1	6.2	<0.1	107	0.5	66	8	<1

Element Method Det.Lim. Units	Pd GE_MMI_M 1 ppb	Pr GE_MMI_M 0.5 ppb	Pt GE_MMI_M 0.1 ppb	Rb GE_MMI_M 1 ppb	Sb GE_MMI_M 0.5 ppb	Sc GE_MMI_M 5 ppb	Sm GE_MMI_M 1 ppb	Sn GE_MMI_M 1 ppb
V083181	<1	1.1	<0.1	20	<0.5	<5	3	<1
V083182	<1	37.2	<0.1	73	2.6	117	42	<1
V083183	<1	6.4	<0.1	57	<0.5	20	9	<1
V083184	<1	4.8	<0.1	109	2.4	44	5	<1
	<1	5.9	<0.1	75	9.3	37	7	<1
	<1	2.3	<0.1	72	3.6	<5	3	<1
	<1	5.4	<0.1	88	2.6	29	5	<1
	<1	2.5	<0.1	62	2.3	43	3	<1
	<1	1.8	<0.1	79	2.6	42	2	<1
	<1	6.4	<0.1	58	<0.5	19	10	<1
	14	3.1	7.9	134	<0.5	<5	4	<1
	<1	2.7	<0.1	161	<0.5	<5	9	<1
	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
	<1	<0.5	<0.1	<1	<0.5	5	<1	<1

Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	10	1	0.1	10	0.5	10	0.1	0.5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
V083451	890	<1	0.9	<10	6.4	1370	0.2	3.8
V083452	510	2	1.8	<10	16.0	2190	0.2	5.5
V083453	510	<1	1.2	<10	10.2	2070	0.3	4.1
V083454	760	<1	1.3	<10	11.7	1290	0.2	4.0
V083455	530	<1	1.4	<10	12.4	2720	0.3	4.9
V083456	540	<1	0.8	<10	7.7	1330	0.2	3.7
V083457	640	<1	4.9	<10	31.2	2310	0.3	9.3
V083458	590	<1	1.4	<10	10.4	1560	0.2	4.2
V083459	540	<1	0.8	<10	8.1	1500	0.3	3.8
V083460	450	<1	1.7	<10	17.2	1360	0.4	6.9
V083461	600	<1	1.5	<10	12.7	1540	0.2	4.5
V083462	500	1	1.1	<10	15.7	1190	0.3	4.3
V083463	640	<1	1.0	<10	8.6	1000	0.2	3.3
V083464	1160	<1	0.5	<10	4.6	520	<0.1	2.7
V083465	1170	<1	1.7	<10	18.8	1240	<0.1	5.1
V083466	3270	<1	18.6	<10	22.9	40	<0.1	10.0
V083467	4210	<1	2.4	<10	6.8	<10	<0.1	3.6
V083468	3680	<1	2.3	<10	2.2	<10	0.1	4.1
V083469	3390	<1	2.0	<10	2.7	<10	<0.1	5.2
V083470	3320	<1	0.7	<10	<0.5	<10	<0.1	4.2
V083471	3290	<1	2.4	<10	4.0	<10	<0.1	14.3
V083472	1160	<1	0.8	<10	9.6	400	0.2	4.2
V083473	1170	1	0.6	<10	5.0	560	0.2	2.8
V083474	630	<1	1.8	<10	18.1	870	0.2	4.3
V083475	900	<1	1.1	<10	14.7	920	0.1	4.4
V083476	730	<1	1.5	<10	8.7	920	<0.1	4.6
V083477	980	<1	1.7	<10	16.6	610	0.1	5.6
V083478	720	<1	0.9	<10	7.7	1050	0.1	2.7
V083479	590	<1	0.7	<10	11.5	1470	0.2	3.5
V083480	820	<1	1.5	<10	10.8	820	0.1	4.1
V083481	880	<1	0.3	<10	3.1	570	<0.1	2.1
V083482	380	<1	0.6	<10	9.4	2270	0.4	3.2
V083483	960	<1	0.9	<10	10.2	1150	0.3	4.3
V083484	530	<1	0.9	<10	7.0	1080	<0.1	2.8
V083485	580	<1	0.6	<10	4.4	910	0.1	2.7
V083486	690	<1	1.3	<10	3.2	760	<0.1	2.3
V083487	510	<1	1.0	<10	6.6	1820	0.2	3.9
V083488	2410	<1	6.9	<10	3.4	<10	<0.1	20.5
V083489	2700	<1	0.6	<10	1.1	<10	0.1	4.7
V083490	2210	<1	0.5	<10	<0.5	<10	<0.1	8.5

Element Method Det.Lim. Units	Sr GE_MMI_M 10 ppb	Ta GE_MMI_M 1 ppb	Tb GE_MMI_M 0.1 ppb	Te GE_MMI_M 10 ppb	Th GE_MMI_M 0.5 ppb	Ti GE_MMI_M 10 ppb	Tl GE_MMI_M 0.1 ppb	U GE_MMI_M 0.5 ppb
V083491	630	<1	1.6	<10	8.7	970	0.1	4.2
V083492	790	<1	19.2	<10	24.0	1200	0.2	13.7
V083493	1740	<1	0.5	<10	2.1	10	<0.1	5.5
V083494	2750	<1	0.4	<10	1.1	<10	<0.1	4.7
V083495	2270	<1	2.0	<10	2.4	40	<0.1	15.9
V083496	1070	<1	0.5	<10	2.4	170	<0.1	3.8
V083497	1420	<1	0.5	<10	2.6	200	<0.1	2.4
V083498	530	<1	1.5	<10	9.3	1420	0.1	4.8
V083499	610	<1	6.3	<10	16.4	1280	0.2	7.9
V083500	470	<1	0.5	<10	5.2	1870	0.1	3.2
V083151	540	<1	0.6	<10	6.0	1720	0.1	3.1
V083152	490	<1	0.9	<10	8.3	2590	0.3	3.6
V083153	580	<1	0.5	<10	6.6	1400	0.3	3.3
V083154	500	<1	0.7	<10	6.7	1420	<0.1	3.0
V083155	840	<1	0.3	<10	2.0	300	<0.1	2.0
V083156	800	<1	1.6	<10	10.2	1000	0.2	3.8
V083157	1060	<1	0.6	<10	4.7	620	<0.1	2.6
V083158	980	<1	0.4	<10	3.9	920	0.1	2.3
V083159	560	<1	0.9	<10	8.8	1960	0.2	3.5
V083160	550	<1	1.1	<10	6.5	880	0.1	2.4
V083161	570	<1	0.9	<10	10.4	1740	0.2	3.5
V083162	1030	<1	0.7	<10	5.9	990	<0.1	2.7
V083163	670	<1	0.8	<10	8.2	780	<0.1	3.3
V083164	580	<1	0.6	<10	7.7	1740	0.3	2.7
V083165	370	<1	1.1	<10	11.7	1820	0.3	3.8
V083166	390	<1	1.0	<10	6.2	1270	0.2	2.4
V083167	940	<1	1.3	<10	3.1	190	<0.1	2.1
V083168	1550	<1	0.6	<10	1.7	50	<0.1	1.5
V083169	2920	<1	2.2	<10	1.9	<10	<0.1	11.2
V083170	2090	<1	14.4	<10	7.9	<10	<0.1	25.8
V083171	1380	<1	2.7	<10	3.9	50	<0.1	11.3
V083172	1830	<1	3.2	<10	6.4	30	<0.1	4.3
V083173	3090	<1	0.9	<10	3.3	<10	<0.1	3.6
V083174	720	<1	0.6	<10	3.6	510	<0.1	2.2
V083175	750	<1	0.6	<10	4.2	1050	<0.1	2.0
V083176	770	<1	1.2	<10	5.8	880	<0.1	2.6
V083177	1270	<1	0.7	<10	3.7	180	<0.1	2.2
V083178	1510	<1	0.8	<10	2.3	90	<0.1	2.5
V083179	1390	<1	1.1	<10	2.5	100	<0.1	2.7
V083180	900	<1	1.7	<10	5.3	1170	0.1	3.2

Element Method Det.Lim. Units	Sr GE_MMI_M 10 ppb	Ta GE_MMI_M 1 ppb	Tb GE_MMI_M 0.1 ppb	Te GE_MMI_M 10 ppb	Th GE_MMI_M 0.5 ppb	Ti GE_MMI_M 10 ppb	Tl GE_MMI_M 0.1 ppb	U GE_MMI_M 0.5 ppb
V083181	3380	<1	0.7	<10	2.7	<10	<0.1	5.0
V083182	510	<1	7.4	<10	21.8	1130	0.2	7.6
V083183	2830	<1	1.5	<10	4.8	30	<0.1	2.3
V083184	680	<1	0.9	<10	8.7	1310	<0.1	2.9
	720	<1	1.3	<10	11.5	1280	0.2	3.9
	1040	<1	0.5	<10	4.6	550	0.2	3.1
	830	<1	1.0	<10	9.5	1040	0.2	4.2
	560	<1	0.6	<10	5.8	1790	0.2	3.3
	940	<1	0.5	<10	4.1	1000	0.1	2.2
	2800	<1	1.6	<10	4.6	30	<0.1	2.4
	1750	<1	0.6	<10	13.6	<10	0.1	24.1
	4580	<1	2.2	<10	16.9	<10	0.7	50.2
	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5

Element Method Det.Lim. Units	W GE_MMI_M 0.5 ppb	Y GE_MMI_M 1 ppb	Yb GE_MMI_M 0.2 ppb	Zn GE_MMI_M 10 ppb	Zr GE_MMI_M 2 ppb
V083451	1.4	28	2.7	740	32
V083452	3.4	46	4.1	570	75
V083453	2.3	35	3.1	1020	63
V083454	1.4	31	2.8	640	39
V083455	1.7	46	4.1	840	73
V083456	1.0	23	2.0	700	44
V083457	2.0	104	8.4	620	103
V083458	1.2	40	3.2	730	52
V083459	1.7	23	2.2	740	53
V083460	1.9	46	4.4	530	90
V083461	1.1	42	3.6	1730	63
V083462	1.9	28	2.5	880	60
V083463	0.6	22	1.8	510	35
V083464	<0.5	13	1.2	280	20
V083465	0.8	29	3.0	330	47
V083466	<0.5	589	62.4	290	50
V083467	<0.5	74	5.3	170	9
V083468	<0.5	78	5.7	30	5
V083469	<0.5	61	3.9	20	5
V083470	<0.5	22	1.5	<10	<2
V083471	<0.5	84	6.9	40	7
V083472	<0.5	18	1.8	320	28
V083473	0.9	18	1.6	740	19
V083474	1.2	47	3.8	620	54
V083475	0.9	29	2.2	550	48
V083476	0.8	50	3.8	290	35
V083477	0.7	40	3.8	220	43
V083478	0.6	23	1.8	540	38
V083479	1.1	22	1.7	410	48
V083480	0.7	39	3.3	380	33
V083481	<0.5	10	0.9	440	22
V083482	1.6	18	1.8	1250	55
V083483	1.3	30	2.5	660	48
V083484	1.0	28	2.6	250	48
V083485	0.6	21	2.1	750	35
V083486	<0.5	38	2.6	690	28
V083487	1.9	26	2.7	990	41
V083488	<0.5	269	20.9	320	10
V083489	<0.5	20	1.4	20	4
V083490	<0.5	17	1.1	800	3

Element Method Det.Lim. Units	W GE_MMI_M 0.5 ppb	Y GE_MMI_M 1 ppb	Yb GE_MMI_M 0.2 ppb	Zn GE_MMI_M 10 ppb	Zr GE_MMI_M 2 ppb
V083491	0.7	43	4.1	710	43
V083492	1.0	454	30.2	100	69
V083493	<0.5	19	1.4	460	3
V083494	<0.5	12	1.0	30	<2
V083495	<0.5	80	5.8	1050	8
V083496	<0.5	13	1.0	550	11
V083497	<0.5	16	1.2	260	13
V083498	1.2	49	4.0	820	56
V083499	1.1	172	14.6	490	81
V083500	0.8	17	1.8	770	47
V083151	1.1	18	2.0	1590	50
V083152	0.9	33	3.6	770	76
V083153	0.9	20	2.0	970	46
V083154	0.7	21	2.1	500	65
V083155	<0.5	9	0.8	350	16
V083156	0.8	38	3.1	250	48
V083157	<0.5	19	1.7	250	26
V083158	0.5	15	1.5	1200	29
V083159	1.3	31	3.2	670	62
V083160	0.7	30	3.1	730	31
V083161	1.1	23	2.3	500	49
V083162	0.7	20	1.8	460	25
V083163	1.2	19	1.8	1540	32
V083164	1.6	19	1.9	1130	53
V083165	1.7	32	3.0	630	62
V083166	0.7	31	2.7	980	38
V083167	<0.5	45	4.1	630	13
V083168	<0.5	21	1.9	2620	6
V083169	<0.5	74	5.3	80	4
V083170	<0.5	431	36.7	170	20
V083171	<0.5	87	5.7	290	8
V083172	<0.5	96	7.5	330	15
V083173	<0.5	27	2.1	60	3
V083174	<0.5	19	1.5	1140	18
V083175	0.8	16	1.6	550	24
V083176	1.0	33	3.1	770	30
V083177	<0.5	20	1.6	140	13
V083178	0.6	32	3.0	80	9
V083179	<0.5	34	3.2	80	9
V083180	<0.5	56	5.4	940	29

Element Method Det.Lim. Units	W GE_MMI_M 0.5 ppb	Y GE_MMI_M 1 ppb	Yb GE_MMI_M 0.2 ppb	Zn GE_MMI_M 10 ppb	Zr GE_MMI_M 2 ppb
V083181	<0.5	20	1.6	60	<2
V083182	<0.5	234	17.7	400	55
V083183	<0.5	46	3.2	160	6
V083184	0.8	23	1.9	1340	31
	1.2	30	2.9	590	40
	1.0	16	1.6	680	21
	1.2	28	2.3	640	45
	1.0	19	1.9	1720	49
	0.6	15	1.4	1150	29
	<0.5	47	3.6	170	6
	<0.5	16	0.6	760	24
	<0.5	65	5.4	2110	10
	<0.5	<1	<0.2	<10	<2
	<0.5	<1	<0.2	<10	<2
	<0.5	<1	<0.2	<10	<2
	<0.5	<1	<0.2	<10	<2

Date:

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Element Method Det.Lim. Units	Ag GE_MMI_M 0.5 ppb	Al GE_MMI_M 1 ppm	As GE_MMI_M 10 ppb	Au GE_MMI_M 0.1 ppb	Ba GE_MMI_M 10 ppb	Bi GE_MMI_M 0.5 ppb	Ca GE_MMI_M 2 ppm	Cd GE_MMI_M 1 ppb
V083070	53.2	166	210	1.4	1470	0.6	205	18
V083071	46.2	111	120	0.9	1050	<0.5	229	18
V083072	30.0	84	160	1.4	2180	<0.5	136	10
V083073	56.1	130	90	14.4	870	1.3	221	48
V083074	87.4	15	<10	1.6	1140	<0.5	534	65
V083075	64.4	30	<10	0.9	840	<0.5	635	68
V083076	31.0	90	30	0.2	820	<0.5	315	18
V083077	28.9	90	70	0.7	1100	<0.5	306	12
V083078	31.2	45	10	0.4	1180	<0.5	474	13
V083079	73.9	121	100	22.4	2240	0.6	225	15
V083080	17.3	122	60	0.9	930	<0.5	286	34
V083081	32.0	112	70	1.0	1030	<0.5	250	18
V083082	24.9	168	160	0.9	1160	0.6	181	31
V083083	26.9	191	150	1.1	1290	0.8	134	22
V083084	34.6	181	180	0.7	1240	0.5	157	15
V083085	81.5	72	10	3.2	870	<0.5	509	17
V083086	30.2	222	320	3.0	1310	0.7	107	10
V083087	26.8	211	210	0.4	1650	0.6	128	21
V083088	9.8	188	260	0.6	2280	0.6	114	18
V083089	14.2	140	160	0.8	1120	<0.5	188	29
V083090	7.1	95	20	1.3	660	<0.5	399	134
V083091	68.4	81	<10	1.3	1180	<0.5	421	32
V083092	2.6	103	50	<0.1	1040	<0.5	268	99
V083093	18.4	102	10	0.2	1050	<0.5	367	33
V083094	2.7	80	10	<0.1	570	<0.5	407	57
V083095	19.5	143	30	0.9	830	<0.5	297	14
V083096	42.7	136	10	0.7	930	<0.5	203	20
V083097	53.0	67	<10	1.7	890	<0.5	547	31
V083098	62.5	85	<10	1.6	950	<0.5	446	36
V083099	83.8	19	<10	2.0	510	<0.5	642	34
V083100	20.1	125	70	1.2	1730	<0.5	247	9
V083101	38.8	70	20	8.0	700	<0.5	576	6
V083102	21.0	51	70	3.8	1150	<0.5	511	5
V083103	19.1	89	40	0.4	1030	<0.5	294	73
V083104	16.4	201	70	0.3	1950	0.7	124	28
V083105	46.8	152	120	0.9	3980	0.7	168	26
V083106	29.1	158	130	1.0	2370	0.5	213	28
V083107	37.6	186	140	1.0	3350	1.2	76	14
V083108	21.1	128	140	1.0	1730	<0.5	181	30
V083109	40.9	88	50	0.4	760	<0.5	265	90

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	1	10	0.1	10	0.5	2	1
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb
V083110	22.5	62	90	0.3	750	<0.5	262	75
V083111	15.2	55	30	0.5	1070	<0.5	400	93
V083112	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
	24.6	196	170	0.9	1440	0.8	135	24
	12.6	140	140	0.9	1080	<0.5	198	27
	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
	<0.5	<1	<10	<0.1	<10	<0.5	<2	<1
	21.5	18	<10	5.0	1760	<0.5	797	30

Element	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	2	1	100	0.2	10	0.5	0.2	0.2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
V083070	108	156	200	2.6	810	11.2	5.3	3.4
V083071	125	158	100	1.6	530	12.8	6.0	3.6
V083072	102	131	100	1.6	780	11.3	5.5	3.6
V083073	239	124	300	3.2	1160	14.5	7.0	4.6
V083074	15	642	<100	2.3	1820	4.8	2.3	1.5
V083075	22	125	<100	0.6	750	8.6	4.6	2.8
V083076	16	82	<100	2.6	290	3.0	1.4	1.0
V083077	33	90	100	1.5	280	4.4	2.5	1.6
V083078	8	52	<100	1.9	210	1.5	0.9	0.6
V083079	101	71	200	1.7	460	8.5	4.3	2.8
V083080	34	187	100	4.9	580	6.0	3.3	1.7
V083081	42	148	100	3.8	690	6.1	3.4	1.9
V083082	57	181	200	2.6	500	6.3	3.4	2.1
V083083	29	181	200	2.9	440	4.7	2.8	1.5
V083084	111	184	200	2.8	820	25.8	13.4	8.3
V083085	238	73	<100	0.7	1430	76.3	42.7	25.5
V083086	384	294	200	2.8	2070	37.7	17.3	11.2
V083087	35	130	200	2.7	360	5.7	3.3	1.8
V083088	29	239	200	2.0	370	4.4	2.2	1.3
V083089	17	72	100	2.2	230	3.4	1.9	1.1
V083090	46	80	<100	1.0	630	12.4	7.8	3.8
V083091	38	59	<100	1.4	1150	20.2	10.8	6.1
V083092	39	254	<100	4.0	530	15.7	12.4	4.1
V083093	32	150	<100	2.0	510	6.7	3.8	1.7
V083094	11	278	<100	1.8	640	11.0	13.6	1.8
V083095	232	179	<100	1.3	1210	62.1	38.4	15.8
V083096	188	135	<100	1.4	1190	48.0	30.6	11.3
V083097	57	187	<100	0.5	1090	16.2	10.5	4.5
V083098	247	153	<100	0.7	1090	36.9	22.7	10.5
V083099	<2	86	<100	0.3	1670	7.7	4.9	1.1
V083100	222	138	100	2.1	970	17.3	8.1	5.4
V083101	68	329	<100	0.4	970	64.1	40.1	14.7
V083102	288	247	<100	0.6	1470	82.2	38.8	26.6
V083103	19	50	<100	0.8	110	2.3	1.1	0.9
V083104	75	151	100	1.2	270	8.5	3.6	2.7
V083105	203	254	100	1.1	430	14.4	6.9	5.0
V083106	118	246	100	1.2	490	9.6	4.3	3.0
V083107	247	325	200	1.7	470	33.6	16.0	11.5
V083108	46	198	<100	1.6	480	5.6	2.6	1.8
V083109	48	63	<100	0.5	440	14.3	7.5	4.4

Element Method Det.Lim. Units	Ce GE_MMI_M 2 ppb	Co GE_MMI_M 1 ppb	Cr GE_MMI_M 100 ppb	Cs GE_MMI_M 0.2 ppb	Cu GE_MMI_M 10 ppb	Dy GE_MMI_M 0.5 ppb	Er GE_MMI_M 0.2 ppb	Eu GE_MMI_M 0.2 ppb
V083110	54	166	<100	0.6	230	7.3	3.6	2.2
V083111	54	48	<100	0.5	810	18.7	11.0	5.5
V083112	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
	28	161	200	3.4	440	4.7	2.7	1.3
	15	64	100	2.1	210	3.6	1.9	1.1
	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
	<2	<1	<100	<0.2	<10	<0.5	<0.2	<0.2
	23	287	<100	3.3	1730	11.9	6.2	2.8

Element Method Det.Lim. Units	Fe GE_MMI_M 1 ppm	Ga GE_MMI_M 0.5 ppb	Gd GE_MMI_M 0.5 ppb	Hg GE_MMI_M 1 ppb	In GE_MMI_M 0.1 ppb	K GE_MMI_M 0.5 ppm	La GE_MMI_M 1 ppb	Li GE_MMI_M 1 ppb
V083070	151	10.7	11.6	<1	0.2	23.6	35	6
V083071	80	5.6	14.5	<1	<0.1	15.4	35	2
V083072	73	5.2	12.9	<1	<0.1	7.5	34	<1
V083073	107	5.7	15.8	5	0.2	21.1	41	2
V083074	8	<0.5	6.1	<1	<0.1	13.4	3	10
V083075	13	0.6	11.6	<1	<0.1	24.3	14	<1
V083076	43	2.5	2.8	<1	<0.1	35.1	6	2
V083077	65	5.2	5.4	<1	<0.1	24.3	13	2
V083078	24	1.5	1.8	<1	<0.1	45.5	3	<1
V083079	95	4.8	9.4	1	0.1	10.9	24	4
V083080	86	5.4	6.2	<1	<0.1	40.0	12	6
V083081	91	5.1	7.2	<1	<0.1	13.6	17	3
V083082	148	9.7	7.3	<1	0.2	21.1	18	7
V083083	200	18.4	4.5	<1	0.2	12.2	11	14
V083084	167	10.4	29.4	<1	0.2	18.1	58	8
V083085	20	0.6	103	<1	<0.1	13.7	139	<1
V083086	149	11.6	38.6	<1	0.3	14.4	139	7
V083087	222	13.5	6.0	<1	0.3	28.4	14	10
V083088	204	10.4	4.8	<1	0.2	13.5	11	8
V083089	138	8.9	3.8	<1	0.1	30.9	7	6
V083090	49	1.0	13.7	<1	<0.1	48.3	18	1
V083091	25	0.9	24.6	<1	<0.1	21.0	32	9
V083092	100	5.3	16.0	<1	0.3	27.2	22	14
V083093	62	1.2	6.4	<1	<0.1	12.5	10	2
V083094	71	2.8	7.1	<1	0.1	45.0	5	4
V083095	71	2.4	65.3	<1	<0.1	7.9	82	1
V083096	56	1.1	46.2	1	<0.1	22.2	71	1
V083097	21	<0.5	18.7	<1	<0.1	9.9	19	<1
V083098	28	0.5	42.4	<1	<0.1	12.7	61	1
V083099	9	<0.5	6.6	<1	<0.1	14.9	<1	<1
V083100	78	3.7	18.8	<1	<0.1	9.9	47	2
V083101	20	<0.5	60.1	<1	<0.1	9.1	34	<1
V083102	32	0.9	103	<1	<0.1	10.3	151	2
V083103	51	3.9	3.0	<1	<0.1	45.9	7	4
V083104	161	10.4	9.0	1	0.3	24.7	28	6
V083105	151	5.7	16.7	<1	0.2	19.4	43	5
V083106	149	7.4	10.9	<1	0.2	17.4	25	7
V083107	244	11.5	42.2	<1	0.3	11.9	119	14
V083108	125	6.4	6.3	<1	0.1	14.5	15	3
V083109	62	3.4	17.0	<1	<0.1	42.0	25	1

Element	Fe	Ga	Gd	Hg	In	K	La	Li
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.5	1	0.1	0.5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb
V083110	73	3.7	8.6	<1	<0.1	18.6	13	1
V083111	33	1.0	22.1	<1	<0.1	40.3	24	<1
V083112	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
	226	18.8	4.5	<1	0.2	12.6	11	15
	129	8.0	3.4	<1	<0.1	30.6	6	5
	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
	<1	<0.5	<0.5	<1	<0.1	<0.5	<1	<1
	9	<0.5	13.7	1	<0.1	75.2	4	<1

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
V083070	20.5	7400	5	2.9	43	178	5.4	177
V083071	19.2	7400	2	1.4	43	160	2.1	204
V083072	52.3	2900	<2	1.2	47	80	2.4	137
V083073	70.7	5900	3	0.9	54	249	2.3	8040
V083074	34.7	6800	6	<0.5	10	224	<0.1	19
V083075	43.7	8400	<2	<0.5	25	219	0.2	46
V083076	29.1	4300	<2	<0.5	9	130	1.8	81
V083077	41.0	5400	2	0.6	17	132	1.9	111
V083078	25.8	2600	<2	<0.5	5	88	0.7	41
V083079	23.8	3300	2	0.6	35	88	3.1	770
V083080	19.6	7000	<2	<0.5	18	179	4.5	214
V083081	39.9	4600	<2	<0.5	23	210	2.4	273
V083082	22.7	7600	<2	1.2	24	217	6.3	256
V083083	16.4	4000	3	3.0	15	136	9.6	199
V083084	18.8	5300	5	1.4	90	179	7.0	205
V083085	30.9	3100	<2	<0.5	263	219	0.3	99
V083086	25.8	7100	4	3.1	141	260	4.8	286
V083087	13.8	2300	4	2.6	19	192	11.6	191
V083088	14.4	7300	2	1.3	13	130	10.5	184
V083089	22.6	7900	3	0.7	10	111	9.7	98
V083090	47.2	4900	<2	<0.5	32	362	0.7	337
V083091	59.5	3200	<2	<0.5	59	245	0.5	163
V083092	21.8	11000	<2	<0.5	39	118	1.2	270
V083093	32.7	5200	<2	<0.5	17	213	0.6	146
V083094	59.6	7000	<2	<0.5	12	128	1.1	131
V083095	38.9	4500	<2	<0.5	160	177	0.8	224
V083096	26.1	5800	<2	<0.5	111	151	0.4	217
V083097	59.9	3700	<2	<0.5	41	183	<0.1	72
V083098	68.7	8000	<2	<0.5	108	401	0.3	146
V083099	61.2	5100	<2	<0.5	2	216	<0.1	29
V083100	42.7	4000	<2	<0.5	61	140	2.6	137
V083101	98.8	8200	<2	<0.5	80	331	<0.1	23
V083102	70.8	2400	3	<0.5	245	363	0.2	55
V083103	15.4	18500	6	<0.5	10	154	6.6	60
V083104	9.2	7600	9	2.1	32	235	8.5	274
V083105	20.4	6300	8	1.5	58	328	3.6	468
V083106	8.4	9200	9	1.6	33	241	5.2	349
V083107	11.5	7100	9	2.5	149	341	6.2	684
V083108	16.5	3600	7	0.9	20	210	3.6	153
V083109	23.6	10400	5	<0.5	49	530	1.9	117

Element	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	0.5	100	2	0.5	1	5	0.1	5
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppm	ppb
V083110	20.5	9500	7	<0.5	25	253	1.5	244
V083111	38.3	6900	5	<0.5	50	701	0.7	140
V083112	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
	18.6	4600	4	3.4	15	144	10.5	200
	24.7	7000	<2	<0.5	10	112	8.5	98
	<0.5	<100	<2	<0.5	<1	<5	<0.1	<5
	<0.5	<100	<2	<0.5	<1	<5	0.1	<5
	164	5200	6	<0.5	20	1690	0.4	773

Element Method Det.Lim. Units	Pd GE_MMI_M 1 ppb	Pr GE_MMI_M 0.5 ppb	Pt GE_MMI_M 0.1 ppb	Rb GE_MMI_M 1 ppb	Sb GE_MMI_M 0.5 ppb	Sc GE_MMI_M 5 ppb	Sm GE_MMI_M 1 ppb	Sn GE_MMI_M 1 ppb
V083070	<1	9.4	<0.1	120	3.8	62	10	<1
V083071	<1	9.8	<0.1	109	2.0	46	12	<1
V083072	<1	10.1	<0.1	74	3.6	53	11	<1
V083073	<1	11.9	<0.1	83	7.5	153	14	<1
V083074	<1	1.6	<0.1	68	1.1	10	4	<1
V083075	<1	4.5	<0.1	86	<0.5	12	8	<1
V083076	<1	1.7	<0.1	104	2.4	22	3	<1
V083077	<1	3.8	<0.1	83	1.9	25	5	<1
V083078	<1	0.9	<0.1	100	0.5	10	2	<1
V083079	<1	7.3	<0.1	88	7.7	49	9	<1
V083080	<1	3.6	<0.1	107	1.2	50	5	<1
V083081	<1	4.9	<0.1	117	2.7	49	6	<1
V083082	<1	5.3	<0.1	117	3.0	53	6	<1
V083083	<1	3.2	<0.1	81	1.7	48	4	<1
V083084	<1	18.6	<0.1	108	4.6	76	24	<1
V083085	<1	48.9	<0.1	53	<0.5	103	77	<1
V083086	<1	33.4	0.1	83	8.1	210	35	<1
V083087	<1	4.2	<0.1	91	2.7	51	5	<1
V083088	<1	3.2	<0.1	89	3.9	48	4	<1
V083089	<1	2.0	<0.1	63	2.1	38	3	<1
V083090	<1	6.5	<0.1	46	<0.5	56	10	<1
V083091	<1	11.3	<0.1	54	<0.5	56	18	<1
V083092	<1	8.2	<0.1	62	1.3	72	12	<1
V083093	<1	3.6	<0.1	83	<0.5	48	5	<1
V083094	<1	2.1	<0.1	52	<0.5	86	4	<1
V083095	<1	31.2	<0.1	58	1.2	176	46	<1
V083096	<1	22.6	<0.1	55	0.6	154	33	<1
V083097	<1	7.9	<0.1	38	<0.5	66	13	<1
V083098	<1	21.6	<0.1	56	1.0	166	31	<1
V083099	<1	<0.5	<0.1	34	<0.5	42	2	<1
V083100	<1	14.0	<0.1	60	2.0	96	15	<1
V083101	<1	13.7	<0.1	15	<0.5	196	31	<1
V083102	<1	46.6	<0.1	31	0.7	85	74	<1
V083103	<1	2.1	<0.1	35	<0.5	20	2	<1
V083104	<1	7.3	<0.1	71	0.8	36	8	<1
V083105	<1	13.1	<0.1	55	1.9	39	14	<1
V083106	<1	7.5	<0.1	59	1.6	59	9	<1
V083107	<1	34.8	<0.1	72	2.0	79	37	<1
V083108	<1	4.6	<0.1	71	1.2	30	5	<1
V083109	<1	9.2	<0.1	40	<0.5	32	14	<1

Element	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M	GE_MMI_M
Det.Lim.	1	0.5	0.1	1	0.5	5	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
V083110	<1	4.9	<0.1	36	0.8	30	7	<1
V083111	<1	9.6	<0.1	40	<0.5	49	15	<1
V083112	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
	<1	3.2	<0.1	85	2.1	49	4	<1
	<1	1.9	<0.1	63	1.7	38	3	<1
	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
	<1	<0.5	<0.1	<1	<0.5	<5	<1	<1
	<1	2.8	<0.1	157	<0.5	12	8	<1

Element Method Det.Lim. Units	Sr GE_MMI_M 10 ppb	Ta GE_MMI_M 1 ppb	Tb GE_MMI_M 0.1 ppb	Te GE_MMI_M 10 ppb	Th GE_MMI_M 0.5 ppb	Ti GE_MMI_M 10 ppb	Tl GE_MMI_M 0.1 ppb	U GE_MMI_M 0.5 ppb
V083070	670	1	1.9	<10	16.5	1320	0.2	6.7
V083071	800	<1	2.2	<10	13.9	1050	0.1	6.1
V083072	850	<1	1.9	<10	12.2	1100	<0.1	3.8
V083073	820	<1	2.7	<10	16.2	1210	0.3	4.2
V083074	2470	<1	0.8	<10	1.0	<10	<0.1	4.4
V083075	3250	<1	1.5	<10	3.4	<10	<0.1	10.8
V083076	1380	<1	0.4	<10	2.4	150	<0.1	2.5
V083077	980	<1	0.7	<10	3.8	560	0.1	3.1
V083078	1790	<1	0.3	<10	1.1	30	<0.1	2.3
V083079	860	<1	1.4	<10	7.3	550	0.1	4.5
V083080	860	<1	0.9	<10	3.4	590	0.1	3.0
V083081	920	<1	1.1	<10	5.7	540	<0.1	2.9
V083082	620	<1	1.2	<10	11.3	1100	0.1	3.7
V083083	550	<1	0.8	<10	5.4	1670	0.2	3.0
V083084	470	<1	4.4	<10	10.5	1150	0.2	6.5
V083085	1770	<1	13.9	<10	11.5	<10	<0.1	10.1
V083086	490	<1	6.6	<10	33.6	3170	0.2	13.0
V083087	530	<1	0.9	<10	7.2	1540	0.2	4.7
V083088	390	<1	0.6	<10	6.9	1230	0.2	2.9
V083089	580	<1	0.5	<10	3.6	780	0.1	2.3
V083090	1690	<1	2.0	<10	3.7	50	<0.1	7.4
V083091	1630	<1	3.2	<10	3.0	20	<0.1	13.8
V083092	1410	<1	2.6	<10	9.1	560	0.1	16.4
V083093	1460	<1	1.1	<10	4.0	80	<0.1	8.1
V083094	2010	<1	1.4	<10	3.1	80	0.1	11.3
V083095	1080	<1	10.0	<10	15.3	220	0.1	13.8
V083096	830	<1	7.5	<10	14.2	110	<0.1	27.1
V083097	2560	<1	2.7	<10	6.6	<10	<0.1	13.4
V083098	1960	<1	6.2	<10	13.4	<10	<0.1	23.7
V083099	3080	<1	1.1	<10	1.7	<10	<0.1	6.5
V083100	1140	<1	2.9	<10	14.3	660	0.1	6.2
V083101	2190	<1	9.4	<10	6.0	<10	<0.1	7.2
V083102	1680	<1	15.1	<10	15.9	90	<0.1	10.1
V083103	780	<1	0.4	<10	4.0	430	0.1	3.2
V083104	380	<1	1.6	<10	16.2	1290	0.2	7.2
V083105	710	<1	2.5	<10	14.6	1020	0.2	8.2
V083106	750	<1	1.6	<10	18.3	1190	0.3	9.2
V083107	400	<1	5.7	<10	24.0	1380	0.5	17.2
V083108	760	<1	1.0	<10	10.3	1200	0.2	5.1
V083109	800	<1	2.5	<10	5.5	330	<0.1	6.6

Element Method Det.Lim. Units	Sr GE_MMI_M 10 ppb	Ta GE_MMI_M 1 ppb	Tb GE_MMI_M 0.1 ppb	Te GE_MMI_M 10 ppb	Th GE_MMI_M 0.5 ppb	Ti GE_MMI_M 10 ppb	Tl GE_MMI_M 0.1 ppb	U GE_MMI_M 0.5 ppb
V083110	850	<1	1.3	<10	7.4	560	<0.1	5.3
V083111	1750	<1	3.1	<10	4.7	50	<0.1	9.8
V083112	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
	640	<1	0.7	<10	5.2	1880	0.2	3.3
	590	<1	0.5	<10	3.3	710	0.1	2.3
	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
	<10	<1	<0.1	<10	<0.5	<10	<0.1	<0.5
	4070	<1	2.0	<10	15.7	<10	0.5	48.3

Element Method Det.Lim. Units	W GE_MMI_M 0.5 ppb	Y GE_MMI_M 1 ppb	Yb GE_MMI_M 0.2 ppb	Zn GE_MMI_M 10 ppb	Zr GE_MMI_M 2 ppb
V083070	1.1	47	4.4	430	61
V083071	0.6	52	4.5	390	39
V083072	0.7	52	4.0	380	35
V083073	0.9	62	5.5	3600	48
V083074	<0.5	31	1.8	470	<2
V083075	<0.5	53	3.5	200	4
V083076	<0.5	13	1.1	370	11
V083077	<0.5	23	2.0	250	19
V083078	<0.5	7	0.7	180	5
V083079	<0.5	38	3.3	410	30
V083080	<0.5	26	2.5	910	19
V083081	<0.5	31	3.0	490	22
V083082	0.6	28	2.7	970	40
V083083	0.8	24	2.0	1240	35
V083084	0.6	130	10.0	480	41
V083085	<0.5	480	31.0	130	22
V083086	1.4	157	12.3	340	156
V083087	1.0	27	2.3	860	46
V083088	0.8	20	2.0	1220	37
V083089	<0.5	16	1.4	450	27
V083090	<0.5	82	6.7	2240	11
V083091	<0.5	121	9.3	660	10
V083092	<0.5	100	12.5	5030	26
V083093	<0.5	37	3.2	890	12
V083094	<0.5	84	18.0	760	11
V083095	<0.5	372	30.7	460	34
V083096	<0.5	327	23.2	360	38
V083097	<0.5	94	8.6	150	14
V083098	<0.5	215	18.5	320	27
V083099	<0.5	46	4.5	80	4
V083100	<0.5	67	6.6	380	43
V083101	<0.5	361	30.8	120	11
V083102	<0.5	406	27.9	70	28
V083103	<0.5	11	1.0	2220	21
V083104	0.5	35	2.9	1340	59
V083105	<0.5	74	5.7	650	48
V083106	0.7	33	3.3	1370	62
V083107	1.1	170	12.6	380	74
V083108	0.7	21	2.2	1710	37
V083109	<0.5	81	6.0	1260	23

Element Method Det.Lim. Units	W GE_MMI_M 0.5 ppb	Y GE_MMI_M 1 ppb	Yb GE_MMI_M 0.2 ppb	Zn GE_MMI_M 10 ppb	Zr GE_MMI_M 2 ppb
V083110	<0.5	31	2.8	960	25
V083111	<0.5	111	9.6	5160	13
V083112	LNR	LNR	LNR	LNR	LNR
	0.8	23	2.4	1350	41
	<0.5	17	1.5	500	24
	<0.5	<1	<0.2	<10	<2
	<0.5	<1	<0.2	<10	<2
	<0.5	63	4.5	1940	10

Appendix 3

Rock Sample Data

Rock Samples ID	Loc #	NorthingNAD83	EastingNAD83	Elev(M)	Notes
S195301	1	599211	5831236	822	qtz vn w/ carbs within greywache, strike 1 (071/88) strike 2 (295/53)
S195302	2	599211	5831237	822	qtz boudin along fault / vn, strike (295/53)
S195303	3	599200	5831240	824	py / chalco dissems in qtz vn predom with carbs, strike (071/88)
S195304	4	599200	5831238	826	fresh looking andesite with dissem py.
S195305	5	599207	5831255	840	qtz stringer vns in carb seds mostly, some dissem py, strike (070/70-80)
S195306	6	599213	5831240	841	qtz vn/ flt, healed silicified flt, carbs and py present, strike (070/72)
S195307	7	599211	5831238	841	bull qtz vn w/ tight folds, sample targets hinges specifically
S195308	8	599211	5831238	841	2nd sample ofbull qtz vn targeting the fold around hinge
S195309	9	599197	5831209	841	resampling historical samples on south side of creek, qtz stringers (old sample id 4011)
S195310	10	599197	5831211	841	resampling historical samples on south side of creek, qtz stringers, strike (060/90), (old sample id 4013)
S195311	11	599197	5831214	841	resampling historical samples on south side of creek, thick (30-40cm)qtz vn, strike (060/90), (old sample id 4008)
S195312	12	599186	5831154	867	qtz vn exposed at end of trench with flagging, exposed during trenching and diliberately left for viewing.
S195313	13	599197	5831213	841	qtz vn around historically samples area.
S195314	14	599197	5831211	841	duplicate resampling historical samples on south side of creek, qtz stringers, strike (060/90), (old sample id 4013)
V083112	15	599215	5831209		
V083113	16	599199	5831203		

APPENDIX 4

Rock Sample Assay Certificates

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: INFINITI DRILLING CORPORATION
2763 PANORAMA DRIVE
NORTH VANCOUVER BC V7G 1V7

Finalized Date: 1- DEC- 2016
Account: INDRCO

CERTIFICATE VA16198937

This report is for 16 Rock samples submitted to our lab in Vancouver, BC, Canada on 15- NOV- 2016.

The following have access to data associated with this certificate:

KRISTIAN W.		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
EXTRA- 01	Extra Sample received in Shipment
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 21d	Sample logging - ClientBarCode Dup
PUL- 31d	Pulverize Split - duplicate
SPL- 21d	Split sample - duplicate
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP61	33 element four acid ICP- AES	ICP- AES

To: INFINITI DRILLING CORPORATION
ATTN: KRISTIAN W.
2763 PANORAMA DRIVE
NORTH VANCOUVER BC V7G 1V7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Minerals

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: INFINITI DRILLING CORPORATION
2763 PANORAMA DRIVE
NORTH VANCOUVER BC V7G 1V7

Finalized Date: 1- DEC- 2016
Account: INDRCO

CERTIFICATE OF ANALYSIS VA16198937

Sample Description	Method	WEI- 21	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61	ME- ICP61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01
S195301		4.86	0.5	4.88	145	410	0.8	<2	2.74	<0.5	12	31	96	3.50	10	1.31
S195302		3.86	<0.5	2.88	44	230	0.5	<2	9.07	<0.5	7	30	3	5.39	<10	0.39
S195303		2.62	1.3	7.40	370	580	1.1	<2	5.51	<0.5	19	9	240	5.40	10	2.01
S195304		3.02	<0.5	8.60	10	200	0.6	<2	4.37	<0.5	24	5	160	6.55	20	0.10
S195305		10.48	1.4	6.99	193	710	0.9	<2	4.45	<0.5	16	9	148	4.77	10	1.90
S195306		2.46	<0.5	5.41	21	370	0.8	<2	1.82	<0.5	9	23	38	3.47	10	0.60
S195307		0.96	0.5	3.76	555	310	<0.5	<2	3.88	1.3	8	14	59	3.75	10	0.77
S195308		1.78	<0.5	0.28	345	10	<0.5	<2	1.28	<0.5	<1	26	2	1.16	<10	0.02
S195309		2.86	0.5	6.64	451	1030	1.5	<2	4.22	<0.5	10	19	23	4.17	10	2.69
S195310		<0.02	1.9	1.77	450	150	0.5	<2	1.63	<0.5	6	35	12	2.36	<10	0.60
S195311		4.72	1.4	3.71	348	280	1.2	<2	2.61	<0.5	9	30	28	2.72	10	1.30
S195312		3.28	0.7	7.34	438	830	1.6	<2	5.92	<0.5	18	10	113	5.36	20	2.45
S195313		3.22	1.7	5.30	658	730	1.2	2	3.36	<0.5	7	18	31	3.45	10	2.14
S195314		1.68	3.6	1.67	432	150	0.5	<2	1.53	<0.5	6	29	12	2.26	<10	0.56
V083112		1.94	0.8	4.87	117	510	1.1	<2	4.70	<0.5	10	40	70	3.65	10	1.91
V083113		2.40	1.8	7.87	730	950	1.7	<2	5.08	<0.5	21	9	118	5.95	20	2.65

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: INFINITI DRILLING CORPORATION
2763 PANORAMA DRIVE
NORTH VANCOUVER BC V7G 1V7

Finalized Date: 1- DEC- 2016
Account: INDRCO

CERTIFICATE OF ANALYSIS VA16198937

Sample Description	Method Analyte Units LOR	ME- ICP61 La ppm 10	ME- ICP61 Mg % 0.01	ME- ICP61 Mn ppm 5	ME- ICP61 Mo ppm 1	ME- ICP61 Na % 0.01	ME- ICP61 Ni ppm 1	ME- ICP61 P ppm 10	ME- ICP61 Pb ppm 2	ME- ICP61 S % 0.01	ME- ICP61 Sb ppm 5	ME- ICP61 Sc ppm 1	ME- ICP61 Sr ppm 1	ME- ICP61 Th ppm 20	ME- ICP61 Ti % 0.01	ME- ICP61 Tl ppm 10
S195301		10	0.20	795	2	1.13	2	600	13	0.26	<5	13	192	<20	0.29	<10
S195302		10	0.46	1440	1	0.83	11	1340	6	0.02	<5	13	625	<20	0.13	<10
S195303		10	0.81	1095	1	1.95	4	1010	9	0.95	<5	19	439	<20	0.47	<10
S195304		10	1.50	1230	2	3.61	6	1260	5	0.07	<5	22	574	<20	0.54	<10
S195305		10	1.13	1165	1	1.80	3	940	2	0.41	<5	18	391	<20	0.39	<10
S195306		20	0.30	676	1	1.36	10	690	11	0.02	<5	11	182	<20	0.29	<10
S195307		10	0.19	813	1	1.29	<1	720	44	0.14	<5	11	212	<20	0.20	<10
S195308		<10	0.06	214	1	0.16	1	690	9	0.01	<5	2	73	<20	<0.01	<10
S195309		20	0.93	1225	1	0.40	3	1260	17	1.03	<5	15	267	<20	0.31	<10
S195310		<10	0.09	450	1	0.26	5	370	16	0.51	<5	5	125	<20	0.11	<10
S195311		10	0.24	530	2	0.39	2	450	7	0.79	6	10	106	<20	0.23	<10
S195312		10	0.85	1185	2	1.23	4	960	3	0.81	<5	20	382	<20	0.43	10
S195313		20	0.43	843	1	0.15	<1	1140	40	1.02	<5	12	177	<20	0.23	<10
S195314		<10	0.09	418	1	0.24	5	350	11	0.50	<5	5	121	<20	0.11	<10
V083112		10	0.66	1030	<1	0.46	9	1260	14	0.21	<5	16	186	<20	0.25	<10
V083113		10	0.91	1150	1	1.33	5	1110	4	0.98	<5	22	299	<20	0.46	<10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: INFINITI DRILLING CORPORATION
2763 PANORAMA DRIVE
NORTH VANCOUVER BC V7G 1V7

Finalized Date: 1- DEC- 2016
Account: INDRCO

CERTIFICATE OF ANALYSIS VA16198937

Sample Description	Method / Analyte / Units / LOR	ME- ICP61 U ppm 10	ME- ICP61 V ppm 1	ME- ICP61 W ppm 10	ME- ICP61 Zn ppm 2
S195301		<10	125	20	68
S195302		<10	75	10	30
S195303		<10	203	20	114
S195304		<10	241	<10	90
S195305		<10	176	10	93
S195306		<10	76	<10	74
S195307		<10	93	10	330
S195308		<10	3	<10	12
S195309		<10	78	30	88
S195310		<10	40	10	40
S195311		<10	99	20	29
S195312		<10	204	20	44
S195313		<10	56	20	92
S195314		<10	39	10	38
V083112		<10	143	20	57
V083113		<10	223	10	51

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: INFINITI DRILLING CORPORATION
2763 PANORAMA DRIVE
NORTH VANCOUVER BC V7G 1V7

Finalized Date: 1- DEC- 2016
Account: INDRCO

CERTIFICATE OF ANALYSIS VA16198937

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:	CRU- 31	CRU- QC	EXTRA- 01	LOG- 21d
	LOG- 22	ME- ICP61	PUL- 31	PUL- 31d
	PUL- QC	SPL- 21	SPL- 21d	WEI- 21

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: INFINITI DRILLING CORPORATION
2763 PANORAMA DRIVE
NORTH VANCOUVER BC V7G 1V7

Finalized Date: 7- DEC- 2016
This copy reported on
8- DEC- 2016
Account: INDRCO

CERTIFICATE VA16199819

This report is for 16 Reject samples submitted to our lab in Vancouver, BC, Canada on 15- NOV- 2016.

The following have access to data associated with this certificate:

KRISTIAN W.

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND- 03	Find Reject for Addn Analysis
SCR- 21	Screen to - 100 to 106 um
BAG- 01	Bulk Master for Storage
PUL- 32	Pulverize 1000g to 85% < 75 um
SPL- 21	Split sample - riffle splitter
SPL- 21d	Split sample - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- SCR24	Au Screen FA Double Minus - 50g	WST- SIM
Au- AA26	Ore Grade Au 50g FA AA finish	AAS
Au- AA26D	Ore Grade Au 50g FA AA Dup	AAS

To: INFINITI DRILLING CORPORATION
ATTN: KRISTIAN W.
2763 PANORAMA DRIVE
NORTH VANCOUVER BC V7G 1V7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: INFINITI DRILLING CORPORATION
2763 PANORAMA DRIVE
NORTH VANCOUVER BC V7G 1V7

Finalized Date: 7- DEC- 2016
Account: INDRCO

CERTIFICATE OF ANALYSIS VA16199819

Sample Description	Method Analyte Units LOR	Au- SCR24 Au Total ppm 0.05	Au- SCR24 Au (+) F ppm 0.05	Au- SCR24 Au (-) F ppm 0.05	Au- SCR24 Au (+) m mg 0.001	Au- SCR24 WT. + Fr g 0.01	Au- SCR24 WT. - Fr g 0.1	Au- AA26 Au ppm 0.01	Au- AA26D Au ppm 0.01
S195301		0.25	0.29	0.25	0.010	34.83	991.6	0.25	0.25
S195302		<0.05	<0.05	<0.05	<0.001	23.59	1085.0	0.02	0.04
S195303		2.68	13.05	2.23	0.572	43.78	1018.0	2.19	2.27
S195304		<0.05	<0.05	<0.05	<0.001	50.91	928.7	0.01	0.01
S195305		0.42	0.48	0.42	0.024	49.52	996.7	0.42	0.41
S195306		<0.05	<0.05	<0.05	<0.001	47.91	951.7	0.01	0.01
S195307		1.86	27.3	0.87	0.711	26.05	663.6	0.84	0.89
S195308		0.16	0.22	0.16	0.008	36.65	1162.5	0.11	0.20
S195309		1.60	19.45	0.84	0.820	42.21	987.9	0.77	0.91
S195310		7.03	145.5	4.82	1.285	8.84	554.5	4.90	4.74
S195311		1.33	5.83	1.20	0.177	30.37	1000.5	1.22	1.17
S195312		0.90	10.10	0.55	0.384	38.06	982.1	0.59	0.50
S195313		4.97	70.8	2.82	2.297	32.44	991.7	2.86	2.77
S195314		8.65	143.5	5.06	2.430	16.92	635.6	4.99	5.12
V083112		1.10	9.28	0.87	0.265	28.56	1005.5	0.90	0.83
V083113		1.57	16.90	0.90	0.718	42.48	957.9	1.02	0.77

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.

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www.alsglobal.com

CERTIFICATE OF ANALYSIS VA16199819

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au- AA26	Au- AA26D	Au- SCR24	BAG- 01
	FND- 03	PUL- 32	SCR- 21	SPL- 21
	SPL- 21d			