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CHAMPION BEAR RESOURCES LTD.
REPORT NUMBER: 161-10880-00_RPT-02_R0

ASSESSMENT REPORT ON THE EAGLE ROCK PROJECT

NORTHWESTERN ONTARIO

SEPTEMBER 11, 2019

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ISSUE DATE: SEPTEMBER 11, 2019

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PREPARED BY

Original signed in Sudbury, Ontario on September 11, 2019 *by*
Todd McCracken, P.Geo.

Todd McCracken, P.Geo.
Manager - Mining

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ABBREVIATIONS

UNITS OF MEASURE

above mean sea level ..... amsl
acre ..... ac
ampere ..... A
annum (year) ..... a
billion ..... B
billion tonnes ..... Bt
billion years ago ..... Ga
British thermal unit ..... BTU
Centimetre ..... cm
cubic centimetre ..... cm^3
cubic feet per minute ..... cfm
cubic feet per second ..... ft^3/s
cubic foot ..... ft^3
cubic inch ..... in
cubic metre ..... m^3
cubic yard ..... yd^3
Coefficients of Variation ..... Cvs
day ..... d
days per week ..... d/wk
days per year (annum) ..... d/a
dead weight tonnes ..... DWT
decibel adjusted ..... Ba
decibel ..... dB
degree ..... °
degrees Celsius ..... °C
diameter ..... ø
dollar (American) ..... US$
dollar (Canadian) ..... CAN$
dry metric tond ..... mt
foot ..... ft
gallon ..... gal
gallons per minute ..... gpm
Gigajoule ..... GJ
Gigapascal ..... GPA
Gigawatt ..... GW
Gram ..... g
grams per litre ..... g/L
grams per tonne ..... g/t
greater than ..... >
hectare (10,000 m^2) ..... ha
hertz ..... Hz
horsepower ..... hp
hour ..... h
hours per day ..... h/d
hours per week ..... h/wk
hours per year ..... h/a
inch ..... in
kilo (thousand) ..... k
kilogram ..... kg
kilograms per cubic metre ..... kg/m^3
kilograms per hour ..... kg/h
kilograms per square metre ..... kg/m^2
kilometre ..... km
kilometre ..... km
kilometres per hour ..... km/h
kilopascal ..... kPa
kiloton ..... kt
kilovolt ..... kV
kilovolt-ampere ..... kVa
kilowatt ..... kW
kilowatt hour ..... kWh
kilowatt hours per tonne ..... kWh/t
kilowatt hours per year ..... kWh/a
less than ..... <
litre L
litres per minute ..... L/m
megabytes per second ..... Mb/s
megapascal ..... Mpa
megavolt-ampere ..... Mva
megawatt ..... MW
metre ..... m
metres above sea level ..... masl
metres Baltic sea level ..... mbsl
metres per minute ..... m/min
metres per second ..... m/s
microns ..... µm
milligram ..... mg
milligrams per litre ..... mg/L
millilitre ..... mL
millimetre ..... mm
million ..... M
million bank cubic metres ..... Mbm^3
million bank cubic metres per annum ..... Mbm^3/a
million tonnes ..... Mt
minute (plane angle) ..... '
minute (time) ..... min
month ..... mo
ounce ..... oz
pascal ..... Pa
centipoise ..... mPa·s
parts per million ..... ppm
parts per billion ..... ppb
percent ..... %
pound(s) ..... lb
pounds per square inch ..... psi
revolutions per minute ..... rpm

second (plane angle)	"
second (time)	s
short ton (2,000 lb)	st
short tons per day	st/d
short tons per year	st/y
specific gravity	SG
square centimetre	cm^2
square foot	ft^2
square inch	in^2
square kilometre	km^2
square metre	m^2
three-dimensional	3D
tonne (1,000 kg) (metric ton)	t
tonnes per day	t/d
tonnes per hour	t/h
tonnes per year	t/a
tonnes seconds per hour metre cubed	ts/hm^3
volt	V
week	wk
weight/weight	w/w
wet metric ton	wmt

ACRONYMS

ActLabs	Activation Laboratories Limited
AA	Atomic Absorption
Canadian Platinum	Canadian Platinum Corp
Champion Bear	Champion Bear Resources Ltd.
EM	Electromagnetic
FA	Fire Assay
GSC	Geological Survey of Canada
IP	Induced Polarization
ICP/MS	Inductively Coupled Plasma/Mass Spectrometry
IR	Infrared Gas Spectroscopy
LIMS	Laboratory Information Management System
MERC	Mineral Exploration Research Centre
NI 43-101	National Instrument 43-101
NTS	National Topographic System
NSR	Net Smelter Return
Noranda	Noranda Limited
NAD	North American Datum
ODM	Ontario Department of Mines
MNDM	Ontario Ministry of Northern Development and Mines
PGE	platinum group elements
PGM	platinum group metals
PRA	Process Research Associates Ltd.
Property (the)	Eagle Rock Property
QA/QC	Quality Assurance / Quality Control
RQD	Rock Quality Designation
SHMB	Siliceous High Magnesium Basalt
SG	Specific Gravity
SRM	Standard Reference Material
TTG	Tonalite-Trondhjemite-Granodiorite
UTM	Universal Transverse Mercator
WGM	Watts, Griffiths and McOuat
WSP	WSP Canada Inc.

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1 SUMMARY

The Eagle Rock Property (the Property) is a platinum-palladium-copper (Pt-Pd-Cu)- bearing intrusive complex project located approximately 65 km south of Dryden in northwestern Ontario. The centre of the Property is located at Longitude 92° 39' 23" E and Latitude 49° 12' 36" N.

The claims are currently owned 100% by Champion Bear Resources Ltd. (Champion Bear). The Property consists of 60 contiguous unpatented mining claim blocks comprised of 384 claim units totalling approximately 6,912 ha within the Eagle Rock Lake, Islet Lake, and Eltrut Lake mining areas.

The Property has seen various forms of exploration which started in 1969 with work by Noranda Limited (Noranda) and has continued sporadically over the years. To date a total of 104 boreholes have been completed on the Property.

1.1 GEOLOGY

The Property overlies the Entwine Lake Intrusion within the central Wabigoon sub- province of the Superior Province of the Canadian Shield. The Intrusion lies proximal to the boundary between the western and central regions of the Wabigoon.

The Entwine Lake Intrusion is a multi-phase intrusion, which has been categorized into four major lithological components; a monzodiorite to monzonite unit, a diorite- gabbro unit, a quartz monzonite unit and a coarse pyroxenite unit.

Mineralization has been identified at several zones on the Property, with the primary zone identified as the Campbell Zone. The Campbell Zone is characterized by a "reef-like" horizon exposed at surface for approximately 1.2 km. The Campbell Zone is hosted in altered leucogabbro and leuccogabbronorite and appears to be sub-parallel to magmatic stratigraphy.

The Campbell Zone strikes northwest, dips at 60° to the southwest, varies in true thickness from 3 to 30 m (averages 8 to 10 m thick) and is known by drilling to extend to a vertical depth of at least 200 m.

Sulphide mineralization that define the Campbell Zone contain locally up to 10% (typically less than 5%) chalcopyrite and pyrrhotite in broad, relatively uniform zones of fine disseminations. Palladium-bismuth tellurides and electrum have also been noted by previous workers.

1.2 CONCLUSION

The project database is up-to-date and includes the results of the 2019 winter drilling program. The borehole database has been compiled with all the historical drilling.

The results of the 2019 drilling of the Campbell Zone indicate a continuity of mineralization between the historic drill section. The identification of anomalous copper values associated with the PGE mineralization. Table 1.1 summarizes the significant intervals from the 2019 drilling campaign.

Table 1.1 2019 Drill Intercepts

Hole ID	From (m)	To (m)	Length (m)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Co (%)
ER19-23	86.31	87.15	0.84	0.05	0.30	0.245	0.429	0.178	0.000
ER19-24	101.00	108.50	7.50	0.05	0.40	0.323	0.548	0.250	0.006
Includes	*102.91*	*104.10*	*1.19*	*0.09*	*0.63*	*0.478*	*0.847*	*0.411*	*0.009*
	104.10	*105.80*	*1.70*	*0.09*	*0.65*	*0.511*	*0.887*	*0.397*	*0.001*
ER19-24	114.42	119.63	5.21	0.03	0.22	0.157	0.294	0.106	0.006
ER19-25	75.00	85.00	10.00	0.06	0.45	0.398	0.645	0.325	0.006
Includes	*77.00*	*79.00*	*2.00*	*0.09*	*0.59*	*0.605*	*0.927*	*0.498*	*0.009*
	79.00	*81.00*	*2.00*	*0.10*	*0.80*	*0.580*	*0.951*	*0.460*	*0.008*
	83.00	*85.00*	*2.00*	*0.07*	*0.51*	*0.600*	*0.963*	*0.478*	*0.007*
ER19-26	72.00	74.00	2.00	0.03	0.11	0.083	0.192	0.046	0.005
ER19-27	82.00	98.00	16.00	0.04	0.23	0.130	0.238	0.113	0.005
Includes	*92.00*	*94.00*	*2.00*	*0.07*	*0.46*	*0.296*	*0.514*	*0.241*	*0.006*
ER19-28	97.00	131.00	34.00	0.06	0.34	0.281	0.465	0.201	0.006
Includes	*97.00*	*99.00*	*2.00*	*0.04*	*0.30*	*0.152*	*0.258*	*0.116*	*0.006*
	99.00	*101.00*	*2.00*	*0.05*	*0.41*	*0.181*	*0.364*	*0.170*	*0.006*
	101.00	*103.00*	*2.00*	*0.02*	*0.15*	*0.051*	*0.107*	*0.068*	*0.004*
	103.00	*105.00*	*2.00*	*0.03*	*0.16*	*0.070*	*0.109*	*0.058*	*0.006*
	105.00	*107.00*	*2.00*	*0.04*	*0.11*	*0.017*	*0.021*	*0.016*	*0.006*
	107.00	*109.00*	*2.00*	*0.09*	*0.39*	*0.238*	*0.411*	*0.149*	*0.007*
	109.00	*111.00*	*2.00*	*0.08*	*0.37*	*0.343*	*0.602*	*0.229*	*0.007*
	111.00	*113.00*	*2.00*	*0.08*	*0.34*	*0.410*	*0.682*	*0.195*	*0.007*
	113.00	*115.00*	*2.00*	*0.10*	*0.56*	*0.469*	*0.752*	*0.356*	*0.008*
	115.00	*117.00*	*2.00*	*0.09*	*0.48*	*0.378*	*0.653*	*0.297*	*0.006*
	117.00	*119.00*	*2.00*	*0.05*	*0.33*	*0.314*	*0.509*	*0.218*	*0.005*
	119.00	*121.00*	*2.00*	*0.05*	*0.38*	*0.350*	*0.569*	*0.249*	*0.005*
	121.00	*123.00*	*2.00*	*0.06*	*0.49*	*0.501*	*0.791*	*0.391*	*0.006*
	123.00	*125.00*	*2.00*	*0.06*	*0.50*	*0.485*	*0.812*	*0.348*	*0.006*
	125.00	*127.00*	*2.00*	*0.06*	*0.49*	*0.491*	*0.774*	*0.315*	*0.006*
	127.00	*129.00*	*2.00*	*0.02*	*0.16*	*0.155*	*0.223*	*0.105*	*0.004*
	129.00	*131.00*	*2.00*	*0.03*	*0.24*	*0.170*	*0.265*	*0.138*	*0.004*
ER19-28	149.00	157.00	8.00	0.06	0.48	0.287	0.491	0.215	0.006
Includes	*149.00*	*151.00*	*2.00*	*0.05*	*0.48*	*0.283*	*0.492*	*0.211*	*0.007*
	151.00	*153.00*	*2.00*	*0.04*	*0.36*	*0.197*	*0.356*	*0.158*	*0.005*
	153.00	*155.00*	*2.00*	*0.05*	*0.45*	*0.253*	*0.456*	*0.202*	*0.006*
	155.00	*157.00*	*2.00*	*0.08*	*0.61*	*0.416*	*0.660*	*0.289*	*0.006*
ER19-29	46.00	102.00	56.00	0.07	0.42	0.272	0.488	0.188	0.006
Includes	*46.00*	*62.00*	*16.00*	*0.06*	*0.32*	*0.164*	*0.291*	*0.121*	*0.005*
including	*46.00*	*48.00*	*2.00*	*0.07*	*0.34*	*0.200*	*0.361*	*0.151*	*0.007*
	48.00	*50.00*	*2.00*	*0.05*	*0.25*	*0.118*	*0.214*	*0.102*	*0.007*
	50.00	*52.00*	*2.00*	*0.05*	*0.39*	*0.199*	*0.353*	*0.170*	*0.007*
	52.00	*54.00*	*2.00*	*0.05*	*0.29*	*0.130*	*0.249*	*0.113*	*0.005*
	54.00	*56.00*	*2.00*	*0.06*	*0.30*	*0.152*	*0.259*	*0.100*	*0.005*
	56.00	*58.00*	*2.00*	*0.09*	*0.47*	*0.215*	*0.389*	*0.162*	*0.006*
	58.00	*60.00*	*2.00*	*0.08*	*0.45*	*0.251*	*0.432*	*0.153*	*0.006*
	60.00	*62.00*	*2.00*	*0.08*	*0.46*	*0.244*	*0.424*	*0.188*	*0.006*
Includes	*68.00*	*98.00*	*20.00*	*0.08*	*0.49*	*0.340*	*0.598*	*0.225*	*0.006*
including	*68.00*	*70.00*	*2.00*	*0.06*	*0.34*	*0.225*	*0.416*	*0.182*	*0.005*
	70.00	*72.00*	*2.00*	*0.09*	*0.58*	*0.459*	*0.783*	*0.335*	*0.007*
	72.00	*74.00*	*2.00*	*0.10*	*0.60*	*0.446*	*0.852*	*0.317*	*0.008*

(table continues on next page)

Hole ID	From (m)	To (m)	Length (m)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Co (%)
	74.00	*76.00*	*2.00*	*0.08*	*0.54*	*0.364*	*0.673*	*0.273*	*0.006*
	76.00	*78.00*	*2.00*	*0.08*	*0.59*	*0.378*	*0.737*	*0.305*	*0.007*
	78.00	*80.00*	*2.00*	*0.11*	*0.76*	*0.503*	*0.976*	*0.397*	*0.008*
	80.00	*82.00*	*2.00*	*0.07*	*0.48*	*0.307*	*0.530*	*0.223*	*0.005*
	82.00	*84.00*	*2.00*	*0.05*	*0.33*	*0.206*	*0.355*	*0.152*	*0.004*
	84.00	*86.00*	*2.00*	*0.07*	*0.42*	*0.273*	*0.472*	*0.188*	*0.006*
	86.00	*88.00*	*2.00*	*0.08*	*0.49*	*0.339*	*0.588*	*0.214*	*0.006*
	88.00	*90.00*	*2.00*	*0.11*	*0.68*	*0.451*	*0.780*	*0.309*	*0.008*
	90.00	*92.00*	*2.00*	*0.09*	*0.60*	*0.424*	*0.724*	*0.292*	*0.007*
	92.00	*94.00*	*2.00*	*0.07*	*0.45*	*0.289*	*0.500*	*0.189*	*0.006*
	94.00	*96.00*	*2.00*	*0.06*	*0.42*	*0.300*	*0.526*	*0.187*	*0.005*
	96.00	*98.00*	*2.00*	*0.07*	*0.29*	*0.306*	*0.529*	*0.100*	*0.006*
ER19-30	91.00	99.00	8.00	0.08	0.42	0.306	0.511	0.236	0.006
Includes	*91.00*	*93.00*	*2.00*	*0.06*	*0.41*	*0.267*	*0.482*	*0.216*	*0.006*
	93.00	*95.00*	*2.00*	*0.11*	*0.65*	*0.496*	*0.834*	*0.390*	*0.007*
	95.00	*97.00*	*2.00*	*0.09*	*0.41*	*0.318*	*0.521*	*0.242*	*0.006*
	97.00	*99.00*	*2.00*	*0.04*	*0.19*	*0.144*	*0.208*	*0.097*	*0.004*
ER19-30	133.00	141.00	8.00	0.05	0.23	0.187	0.304	0.108	0.005
Includes	*133.00*	*135.00*	*2.00*	*0.07*	*0.20*	*0.203*	*0.292*	*0.034*	*0.007*
	135.00	*137.00*	*2.00*	*0.03*	*0.13*	*0.095*	*0.172*	*0.085*	*0.003*
	137.00	*139.00*	*2.00*	*0.04*	*0.24*	*0.187*	*0.305*	*0.121*	*0.005*
	139.00	*141.00*	*2.00*	*0.06*	*0.33*	*0.262*	*0.448*	*0.191*	*0.005*
ER19-31	86.00	90.00	4.00	0.08	0.42	0.172	0.327	0.147	0.005
Includes	*86.00*	*88.00*	*2.00*	*0.04*	*0.29*	*0.117*	*0.222*	*0.099*	*0.004*
	88.00	*90.00*	*2.00*	*0.12*	*0.55*	*0.227*	*0.431*	*0.195*	*0.005*

Based on the continued work Champion Bear has completed on the project, there a sound understanding of the geological environment hosting the mineralization on the Property.

All the procedures implemented by Champion Bear in regard to core logging, sample collection, sample analysis and quality assurance/quality control (QA/QC) during the 2019 diamond drill program meet industry standards.

WSP believes further exploration is warranted to advance the project.

1.3 RECOMMENDATIONS

Two separate programs are proposed for further exploration of the Property. These programs are independent of each other and can be run concurrently as the results of each program will not affect the work proposed, or decision to proceed with either.

Phase 1: It is WSP's opinion that additional exploration expenditures are warranted. Two separate exploration programs are proposed. Each can be carried out concurrently and independently of each other, and neither is contingent on the results of the other.

1.3.1 PHASE 1: MINERAL ZONE EXPANSION

Phase 1 is designed to expand the viability of the project; it is recommended that Champion Bear undertake a program that will focus on identifying and delineating the new mineralized zones identified during previous exploration campaigns was well as further the near surface potential at the Campbell Zone. This will entail a mixture of prospecting, geophysics and diamond drilling.

The exploration program should be designed to address the following objectives:

- Geological compilation of all the geology data on the property,
- Geophysical compilation of all geophysical data on the property,
- Conducting magnetic and induced polarization survey in areas targeted by the compilations
- Continued drilling and trenching on the Campbell Zone.
- Grid line cutting followed by mapping, prospecting, ground magnetic survey and Induced Polarization survey on both the New West Zone and East Lake Area.

This phase of the program has an estimated budget is $802,500. Table 1.2 summarizes the Phase 1 exploration program proposed.

Table 1.2 Phase 1 Exploration Budget

Task	Unit	Unit Rate		Total ($)
Geology compilation	1	30,000.00	/unit	30,000.
Geophysical compilation	1	25,000.00	/unit	25,000.
Magnetic and Induced polarization survey on new targets	15	2,000.00	/day	30,000.
Mapping, prospecting, New West Zone and East Lake Area	20	1,000.00	/day	20,000.
Surface trenching, mapping and sampling - Campbell Zone	45	1,500.00	/day	67,500.
Diamond drill - Campbell Zone	2500	200.00	/m	500,000.
Geology management	130	1,000.00	/day	130,000.
TOTAL				**$802,500.**

1.3.2 PHASE 2: MINERAL ZONE DELINEATION

Phase 2 is designed to delineate the known mineralized zones on the Property through a well-established diamond drill program.

The program should be designed to deal with defining the following:

- Surface trenching, mapping and sampling on new zones identified from Phase 1 program.
- Continued delineation drilling of the Campbell Zone:
  - Any structural controls ton the mineralization;
  - Strike and dip extents of the zones.
- Diamond drilling on new zones following the surface trenching and mapping.
- Metallurgical test program on the Campbell Zone.

This phase of the program has an estimated budget of $1.18 million. Table 1.3 summarizes the Phase 2 exploration budget.

Table 1.3 Phase 2 Exploration Budget

Task	Unit	Unit Rate		Total ($)
Surface trenching, mapping and sampling - New Zones	20	1,500.00	day	30,000.
Diamond drill - Campbell Zone	3000	200.00	/m	600,000.
Diamond drill - New Zones	1500	200.00	/m	300,000.
Metallurgical test	1	150,000.00	/unit	150,000.
Geology management	100	1,000.00	/day	100,000.
TOTAL				**$1,180,000.**

1.3.3 OTHER RECOMMENDATIONS

The following recommendations are based on observations by WSP. These recommendations are suggestions regarding policies and procedures conducted by Champion Bear.

- Establish a procedure for the collection of specific gravity (SG) samples for the various rock types and mineralization styles. The accurate representation of SG for the various rock types will provide a better estimation of the tonnages for both the mineralized and un-mineralized material in any future resource estimation.
- Initiate the collection of geotechnical data from the diamond drill core during the exploration phases. This should be in addition to the typical rock quality designation (RQD) measures collected during the logging procedure. The collection of the geotechnical data would form the basis for any open pit or underground mine design.
- Identify material to be utilized in any future metallurgical study. The material should focus on a global sample and properly stored in sealed containers.

2 INTRODUCTION

The Property is a Pt-Pd-Cu-bearing intrusive complex project located approximately 65 km south of Dryden in north western Ontario. The claims are currently owned 100% by Champion Bear and under an option agreement with Canadian Platinum.

A significant amount of work has been conducted on the Property since 1968, with much of the work conducted between 1999 and 2019 by Champion Bear.

To date, Champion Bear has delineated one mineralized zone on the Property through the compilation of the diamond drill data.

The object of the report is to:

- Prepare a technical report on the project summarizing land tenures, exploration history, and 2019 drilling results.
- Provide recommendations and budget for additional work on the Property.

This report has been prepared in accordance with NI 43-101 Standards for Disclosure for Mineral Projects, Form 43-101F1 and Companion Policy 43-101CP.

All data reviewed for the report was provided by Champion Bear in digital format, with access to paper reports and logs when requested. The work completed by Champion Bear encompasses exploration and primarily diamond drilling. Historical work conducted in the region has been compiled by Champion Bear and was available for review.

Todd McCracken, P.Geo., the co-author of this report, is a professional geologist with 27 years of experience in exploration and operations, including several years working in nickel-sulphide platinum group metals (PGM) deposits. Mr. McCracken conducted the site visit to the Property between September 20 and 22, 2011 inclusive, and again from January 28 to February 1, 2019 inclusive.

3 RELIANCE ON OTHER EXPERTS

The QP has reviewed and analyzed data and reports provided by Champion Bear, together with publicly available data, drawing its own conclusions augmented by direct field examination.

This report includes technical information, which required subsequent calculations to derive subtotals, totals, and weighted averages. Such calculations inherently involve a degree of rounding and consequently introduce a margin of error. Where these occur, the QP does not consider them to be material.

The QP who prepared this report relied on information provided by Richard Kantor, President of Champion Bear, the Issuer. The Issuer is fully aware of the Company's entitlement to explore Plomp Farm, the status of the current claim status of the Project, and the existing Property Agreements.

The QP believes that it is reasonable to rely on information provided by the Issuer, concerning Property ownership and legal matters relevant to the technical report. Where appropriate, the documents are properly referenced in the report and in Section 14.

- Todd McCracken, P.Geo., relied upon Richard Kantor, President of Champion Bear for information pertaining to mineral claims as disclosed in Section 4.0. Mr. Kantor provided a list of the minerals claims. The QP confirmed the mineral claims by reviewing the Ontario Ministry of Northern Development and Mines CLAIMaps website **(www.mndm.gov.on.ca)**.
- Todd McCracken, P.Geo., relied upon Richard Kantor, President of Champion Bear for information pertaining to Property agreement, as disclosed in Section 4.0.

4 PROPERTY DESCRIPTION AND LOCATION

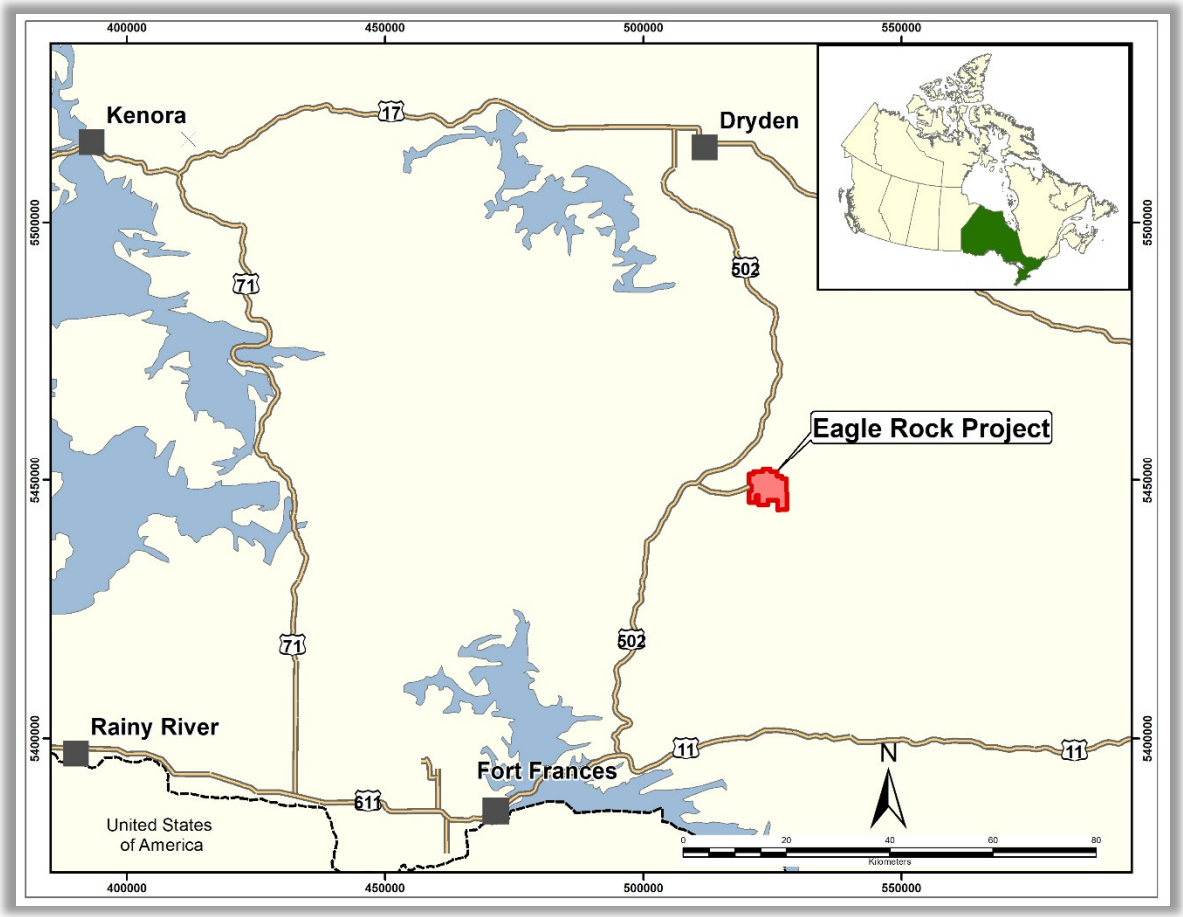
4.1 LOCATION

The Property is located 65 km south of the city of Dryden and 80 km northwest of the city of Fort Frances, and is within the Kenora Mining Division in northwest Ontario.

The centre of the Property is located at Longitude 92° 39’ 23” E and Latitude 49° 12’ 36” N and at Universal Transverse Mercator (UTM) co-ordinate 525,025 m E and 5,450,860 m N (UTM North American Datum (NAD)83, Zone 15) and is located within map sheet National Topographic System (NTS) Zone 52F/02NE (Figures 4.1 and 4.2).

Figure 4.1 Property Location Map

Figure 4.2 Property Location Map - Northwestern Ontario



4.2 CLAIM STATUS

The current claim status and mining claim title were verified using the Mining Claims Information webpage on the Mines and Minerals Division, Ontario Ministry of Northern Development and Mines (MNDM) website. Mining Claims Information is an online database that provides information on unpatented mining claims in the Province of Ontario. The site is updated nightly, and can be accessed at the following internet address: www.geologyontario.mndm.gov.on.ca/.

The Property consists of 384 contiguous unpatented mining claims block totalling approximately 6,912 ha within the Eagle Rock Lake, Islet Lake, and Eltrut Lake mining areas. All claims are 100% held by Champion Bear. The Mining Claims Information webpage indicates that all claims are in good standing until at least October 2019.

Table 4.1 provides a list of the unpatented mining claims that comprise the Property (Figure 4.3).

Table 4.1 Claim List

Legacy Claim ID	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure %
1239513	Eagle Rock Lake Area	107084	Single Cell Mining Claim	10/22/2019	Active	100
1239513	Eagle Rock Lake Area	316005	Single Cell Mining Claim	6/19/2019	Active	100
1239513	Eagle Rock Lake Area	298913	Single Cell Mining Claim	10/22/2019	Active	100
1239513	Eagle Rock Lake Area	278611	Single Cell Mining Claim	6/19/2019	Active	100
1239513	Eagle Rock Lake Area	250074	Single Cell Mining Claim	10/22/2019	Active	100
1239513	Eagle Rock Lake Area	193374	Single Cell Mining Claim	12/15/2019	Active	100
1239513	Eagle Rock Lake Area	176007	Single Cell Mining Claim	10/22/2019	Active	100
1239513	Eagle Rock Lake Area	130751	Single Cell Mining Claim	10/22/2019	Active	100
1239513	Eagle Rock Lake Area	130750	Single Cell Mining Claim	10/22/2019	Active	100
1239513	Eagle Rock Lake Area	107085	Single Cell Mining Claim	12/15/2019	Active	100
4206827	Eagle Rock Lake Area	101412	Single Cell Mining Claim	9/5/2019	Active	100
4206827	Eagle Rock Lake Area	116731	Single Cell Mining Claim	9/5/2019	Active	100
4206827	Eagle Rock Lake Area	153716	Single Cell Mining Claim	9/5/2019	Active	100
4206827	Eagle Rock Lake Area	165600	Single Cell Mining Claim	8/28/2019	Active	100
4206827	Eagle Rock Lake Area	165601	Single Cell Mining Claim	8/28/2019	Active	100
4206827	Eagle Rock Lake Area	196261	Single Cell Mining Claim	9/5/2019	Active	100
4206827	Eagle Rock Lake Area	268965	Single Cell Mining Claim	2/24/2023	Active	100
4206834	Eagle Rock Lake Area	101412	Single Cell Mining Claim	9/5/2019	Active	100
4206834	Eagle Rock Lake Area	116730	Single Cell Mining Claim	8/28/2019	Active	100
4206834	Eagle Rock Lake Area	116731	Single Cell Mining Claim	9/5/2019	Active	100
4206834	Eagle Rock Lake Area	116732	Single Cell Mining Claim	9/5/2019	Active	100
4206834	Eagle Rock Lake Area	214107	Single Cell Mining Claim	2/24/2023	Active	100
4206834	Eagle Rock Lake Area	232878	Single Cell Mining Claim	2/24/2023	Active	100
4206834	Eagle Rock Lake Area	261566	Single Cell Mining Claim	8/28/2019	Active	100
4206834	Eagle Rock Lake Area	268965	Single Cell Mining Claim	2/24/2023	Active	100
4206834	Eagle Rock Lake Area	268991	Single Cell Mining Claim	10/22/2019	Active	100
4206834	Eagle Rock Lake Area	269539	Single Cell Mining Claim	9/5/2019	Active	100
4206834	Eagle Rock Lake Area	281623	Single Cell Mining Claim	8/28/2019	Active	100
4206834	Eagle Rock Lake Area	298914	Single Cell Mining Claim	9/5/2019	Active	100
4206834	Eagle Rock Lake Area	328157	Single Cell Mining Claim	10/22/2019	Active	100
4206834	Eagle Rock Lake Area	328194	Single Cell Mining Claim	9/5/2019	Active	100
4206835	Eagle Rock Lake Area	107581	Single Cell Mining Claim	8/28/2019	Active	100
4206835	Eagle Rock Lake Area	116730	Single Cell Mining Claim	8/28/2019	Active	100
4206835	Eagle Rock Lake Area	129001	Single Cell Mining Claim	2/24/2023	Active	100
4206835	Eagle Rock Lake Area	135502	Single Cell Mining Claim	8/28/2019	Active	100
4206835	Eagle Rock Lake Area	153736	Single Cell Mining Claim	9/5/2019	Active	100
4206835	Eagle Rock Lake Area	198264	Single Cell Mining Claim	2/24/2023	Active	100

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Legacy Claim ID	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure %
4206835	Eagle Rock Lake Area	214107	Single Cell Mining Claim	2/24/2023	Active	100
4206835	Eagle Rock Lake Area	230985	Single Cell Mining Claim	8/28/2019	Active	100
4206835	Eagle Rock Lake Area	236136	Single Cell Mining Claim	8/28/2019	Active	100
4206835	Eagle Rock Lake Area	254259	Single Cell Mining Claim	8/28/2019	Active	100
4206835	Eagle Rock Lake Area	254260	Single Cell Mining Claim	8/28/2019	Active	100
4206835	Eagle Rock Lake Area	298914	Single Cell Mining Claim	9/5/2019	Active	100
4206839	Eagle Rock Lake Area	165600	Single Cell Mining Claim	8/28/2019	Active	100
4206839	Eagle Rock Lake Area	165601	Single Cell Mining Claim	8/28/2019	Active	100
4206839	Eagle Rock Lake Area	213506	Single Cell Mining Claim	2/24/2023	Active	100
4206839	Eagle Rock Lake Area	268965	Single Cell Mining Claim	2/24/2023	Active	100
4206840	Eagle Rock Lake Area	129001	Single Cell Mining Claim	2/24/2023	Active	100
4206840	Eagle Rock Lake Area	230985	Single Cell Mining Claim	8/28/2019	Active	100
4206841	Eagle Rock Lake Area	116730	Single Cell Mining Claim	8/28/2019	Active	100
4206841	Eagle Rock Lake Area	153736	Single Cell Mining Claim	9/5/2019	Active	100
4206841	Eagle Rock Lake Area	298914	Single Cell Mining Claim	9/5/2019	Active	100
4206842	Eagle Rock Lake Area	105011	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	112234	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	112235	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	128656	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	130751	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	145824	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	174917	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	176007	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	192998	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	212459	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	250074	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	288471	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	308433	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	308727	Single Cell Mining Claim	10/22/2019	Active	100
4206842	Eagle Rock Lake Area	336561	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	101366	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	101410	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	116685	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	120464	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	120465	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	121012	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	213550	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	214105	Single Cell Mining Claim	10/22/2019	Active	100

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Legacy Claim ID	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure %
4219381	Eagle Rock Lake Area	214106	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	261565	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	268991	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	281622	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	298865	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	298913	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	328157	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	339992	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	340554	Single Cell Mining Claim	10/22/2019	Active	100
4219381	Eagle Rock Lake Area	340555	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	101410	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	112895	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	113661	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	121012	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	145889	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	159434	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	167458	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	167459	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	190262	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	216846	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	216847	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	233463	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	233464	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	257078	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	260094	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	303176	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	305662	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	323859	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	340554	Single Cell Mining Claim	10/22/2019	Active	100
4219382	Eagle Rock Lake Area	340555	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	107084	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	128656	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	130750	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	145889	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	159434	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	250074	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	260094	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	261565	Single Cell Mining Claim	10/22/2019	Active	100

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Legacy Claim ID	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure %
4219383	Eagle Rock Lake Area	268039	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	268040	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	298913	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	323859	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	331947	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	336848	Single Cell Mining Claim	10/22/2019	Active	100
4219383	Eagle Rock Lake Area	340555	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	112895	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	140138	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	140139	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	151197	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	154677	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	190262	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	203730	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	207335	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	210515	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	212921	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	229878	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	250313	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	273316	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	303176	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	306948	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	316889	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	322687	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	322688	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	323859	Single Cell Mining Claim	10/22/2019	Active	100
4219384	Eagle Rock Lake Area	333760	Single Cell Mining Claim	10/22/2019	Active	100
4221037	Eagle Rock Lake Area	140139	Single Cell Mining Claim	10/22/2019	Active	100
4221037	Eagle Rock Lake Area	210515	Single Cell Mining Claim	10/22/2019	Active	100
4221037	Eagle Rock Lake Area	288471	Single Cell Mining Claim	10/22/2019	Active	100
4221038	Eagle Rock Lake Area	105011	Single Cell Mining Claim	10/22/2019	Active	100
4221038	Eagle Rock Lake Area	128656	Single Cell Mining Claim	10/22/2019	Active	100
4221038	Eagle Rock Lake Area	140138	Single Cell Mining Claim	10/22/2019	Active	100
4221038	Eagle Rock Lake Area	140139	Single Cell Mining Claim	10/22/2019	Active	100
4221038	Eagle Rock Lake Area	229878	Single Cell Mining Claim	10/22/2019	Active	100
4221038	Eagle Rock Lake Area	288471	Single Cell Mining Claim	10/22/2019	Active	100
4221038	Eagle Rock Lake Area	308727	Single Cell Mining Claim	10/22/2019	Active	100
4221038	Eagle Rock Lake Area	323859	Single Cell Mining Claim	10/22/2019	Active	100

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Legacy Claim ID	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure %
4221038	Eagle Rock Lake Area	336848	Single Cell Mining Claim	10/22/2019	Active	100
4221375	Eagle Rock Lake Area	203730	Single Cell Mining Claim	10/22/2019	Active	100
4221375	Eagle Rock Lake Area	210515	Single Cell Mining Claim	10/22/2019	Active	100
4221375	Eagle Rock Lake Area	250313	Single Cell Mining Claim	10/22/2019	Active	100
4221375	Eagle Rock Lake Area	306948	Single Cell Mining Claim	10/22/2019	Active	100
4221377	Eagle Rock Lake Area	183563	Single Cell Mining Claim	9/5/2019	Active	100
4221377	Eagle Rock Lake Area	212921	Single Cell Mining Claim	10/22/2019	Active	100
4221377	Eagle Rock Lake Area	250313	Single Cell Mining Claim	10/22/2019	Active	100
4221377	Eagle Rock Lake Area	310177	Single Cell Mining Claim	9/5/2019	Active	100
4221377	Eagle Rock Lake Area	310178	Single Cell Mining Claim	9/5/2019	Active	100
4221377	Eagle Rock Lake Area	316889	Single Cell Mining Claim	10/22/2019	Active	100
4221378	Eagle Rock Lake Area	183563	Single Cell Mining Claim	9/5/2019	Active	100
4221378	Eagle Rock Lake Area	187168	Single Cell Mining Claim	9/5/2019	Active	100
4221378	Eagle Rock Lake Area	200841	Single Cell Mining Claim	9/5/2019	Active	100
4221378	Eagle Rock Lake Area	209406	Single Cell Mining Claim	6/19/2019	Active	100
4221378	Eagle Rock Lake Area	210149	Single Cell Mining Claim	6/19/2019	Active	100
4221378	Eagle Rock Lake Area	275427	Single Cell Mining Claim	6/19/2019	Active	100
4221378	Eagle Rock Lake Area	324829	Single Cell Mining Claim	6/19/2019	Active	100
4270701	Eagle Rock Lake Area	108493	Single Cell Mining Claim	9/5/2019	Active	100
4270701	Eagle Rock Lake Area	195742	Single Cell Mining Claim	9/5/2019	Active	100
4270701	Eagle Rock Lake Area	212941	Single Cell Mining Claim	9/5/2019	Active	100
4270701	Eagle Rock Lake Area	262389	Single Cell Mining Claim	9/5/2019	Active	100
4270701	Eagle Rock Lake Area	337789	Single Cell Mining Claim	9/5/2019	Active	100
4270728	Eagle Rock Lake Area	101228	Single Cell Mining Claim	2/24/2023	Active	100
4270728	Eagle Rock Lake Area	129001	Single Cell Mining Claim	2/24/2023	Active	100
4270728	Eagle Rock Lake Area	168339	Single Cell Mining Claim	2/24/2023	Active	100
4270728	Eagle Rock Lake Area	187484	Single Cell Mining Claim	6/19/2019	Active	100
4270728	Eagle Rock Lake Area	230985	Single Cell Mining Claim	8/28/2019	Active	100
4270729	Eagle Rock Lake Area	101228	Single Cell Mining Claim	2/24/2023	Active	100
4270729	Eagle Rock Lake Area	213506	Single Cell Mining Claim	2/24/2023	Active	100
4270732	Eagle Rock Lake Area	122404	Single Cell Mining Claim	9/5/2019	Active	100
4270732	Eagle Rock Lake Area	165600	Single Cell Mining Claim	8/28/2019	Active	100
4270732	Eagle Rock Lake Area	196260	Single Cell Mining Claim	9/5/2019	Active	100
4270732	Eagle Rock Lake Area	196261	Single Cell Mining Claim	9/5/2019	Active	100
4270732	Eagle Rock Lake Area	329589	Single Cell Mining Claim	9/5/2019	Active	100
4270733	Eagle Rock Lake Area	212941	Single Cell Mining Claim	9/5/2019	Active	100
4270733	Eagle Rock Lake Area	313755	Single Cell Mining Claim	9/5/2019	Active	100
4270733	Eagle Rock Lake Area	329589	Single Cell Mining Claim	9/5/2019	Active	100

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Legacy Claim ID	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure %
4284505	Eagle Rock Lake Area	135502	Single Cell Mining Claim	8/28/2019	Active	100
4284505	Eagle Rock Lake Area	187484	Single Cell Mining Claim	6/19/2019	Active	100
4284505	Eagle Rock Lake Area	230985	Single Cell Mining Claim	8/28/2019	Active	100
4284505	Eagle Rock Lake Area	236155	Single Cell Mining Claim	6/19/2019	Active	100
4284505	Eagle Rock Lake Area	254259	Single Cell Mining Claim	8/28/2019	Active	100
4284505	Eagle Rock Lake Area	342252	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	101366	Single Cell Mining Claim	10/22/2019	Active	100
4284506	Eagle Rock Lake Area	107087	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	120464	Single Cell Mining Claim	10/22/2019	Active	100
4284506	Eagle Rock Lake Area	138489	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	138490	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	138491	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	153736	Single Cell Mining Claim	9/5/2019	Active	100
4284506	Eagle Rock Lake Area	202624	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	202625	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	213550	Single Cell Mining Claim	10/22/2019	Active	100
4284506	Eagle Rock Lake Area	236136	Single Cell Mining Claim	8/28/2019	Active	100
4284506	Eagle Rock Lake Area	240478	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	254259	Single Cell Mining Claim	8/28/2019	Active	100
4284506	Eagle Rock Lake Area	276619	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	276620	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	298865	Single Cell Mining Claim	10/22/2019	Active	100
4284506	Eagle Rock Lake Area	306435	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	309464	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	313226	Single Cell Mining Claim	6/19/2019	Active	100
4284506	Eagle Rock Lake Area	339992	Single Cell Mining Claim	10/22/2019	Active	100
4284507	Eagle Rock Lake Area	107087	Single Cell Mining Claim	6/19/2019	Active	100
4284507	Eagle Rock Lake Area	107088	Single Cell Mining Claim	6/19/2019	Active	100
4284507	Eagle Rock Lake Area	120464	Single Cell Mining Claim	10/22/2019	Active	100
4284507	Eagle Rock Lake Area	129368	Single Cell Mining Claim	6/19/2019	Active	100
4284507	Eagle Rock Lake Area	214106	Single Cell Mining Claim	10/22/2019	Active	100
4284507	Eagle Rock Lake Area	222591	Single Cell Mining Claim	6/19/2019	Active	100
4284507	Eagle Rock Lake Area	250076	Single Cell Mining Claim	6/19/2019	Active	100
4284507	Eagle Rock Lake Area	250077	Single Cell Mining Claim	6/19/2019	Active	100
4284507	Eagle Rock Lake Area	278611	Single Cell Mining Claim	6/19/2019	Active	100
4284507	Eagle Rock Lake Area	297283	Single Cell Mining Claim	6/19/2019	Active	100
4284507	Eagle Rock Lake Area	297284	Single Cell Mining Claim	6/19/2019	Active	100
4284507	Eagle Rock Lake Area	298913	Single Cell Mining Claim	10/22/2019	Active	100

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Legacy Claim ID	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure %
4284507	Eagle Rock Lake Area	309464	Single Cell Mining Claim	6/19/2019	Active	100
4284507	Eagle Rock Lake Area	316005	Single Cell Mining Claim	6/19/2019	Active	100
4284507	Eagle Rock Lake Area	337545	Single Cell Mining Claim	6/19/2019	Active	100
4284508	Eagle Rock Lake Area	172107	Single Cell Mining Claim	6/19/2019	Active	100
4284508	Eagle Rock Lake Area	200841	Single Cell Mining Claim	9/5/2019	Active	100
4284508	Eagle Rock Lake Area	209405	Single Cell Mining Claim	6/19/2019	Active	100
4284508	Eagle Rock Lake Area	209406	Single Cell Mining Claim	6/19/2019	Active	100
4284508	Eagle Rock Lake Area	267483	Single Cell Mining Claim	6/19/2019	Active	100
4284508	Eagle Rock Lake Area	267484	Single Cell Mining Claim	6/19/2019	Active	100
4284508	Eagle Rock Lake Area	275427	Single Cell Mining Claim	6/19/2019	Active	100
4284508	Eagle Rock Lake Area	287548	Single Cell Mining Claim	6/19/2019	Active	100
4284508	Eagle Rock Lake Area	294283	Single Cell Mining Claim	9/5/2019	Active	100
4284508	Eagle Rock Lake Area	311371	Single Cell Mining Claim	9/5/2019	Active	100
4284508	Eagle Rock Lake Area	311372	Single Cell Mining Claim	9/5/2019	Active	100
4284508	Eagle Rock Lake Area	311373	Single Cell Mining Claim	6/19/2019	Active	100
4284509	Eagle Rock Lake Area	162277	Single Cell Mining Claim	6/19/2019	Active	100
4284509	Eagle Rock Lake Area	162278	Single Cell Mining Claim	6/19/2019	Active	100
4284509	Eagle Rock Lake Area	162279	Single Cell Mining Claim	6/19/2019	Active	100
4284509	Eagle Rock Lake Area	172107	Single Cell Mining Claim	6/19/2019	Active	100
4284509	Eagle Rock Lake Area	209406	Single Cell Mining Claim	6/19/2019	Active	100
4284509	Eagle Rock Lake Area	210149	Single Cell Mining Claim	6/19/2019	Active	100
4284509	Eagle Rock Lake Area	258169	Single Cell Mining Claim	6/19/2019	Active	100
4284509	Eagle Rock Lake Area	267484	Single Cell Mining Claim	6/19/2019	Active	100
4284509	Eagle Rock Lake Area	288274	Single Cell Mining Claim	6/19/2019	Active	100
4284509	Eagle Rock Lake Area	311373	Single Cell Mining Claim	6/19/2019	Active	100
4284509	Eagle Rock Lake Area	324828	Single Cell Mining Claim	6/19/2019	Active	100
4284509	Eagle Rock Lake Area	324829	Single Cell Mining Claim	6/19/2019	Active	100
4284651	Eagle Rock Lake Area	129368	Single Cell Mining Claim	6/19/2019	Active	100
4284651	Eagle Rock Lake Area	250077	Single Cell Mining Claim	6/19/2019	Active	100
4284651	Eagle Rock Lake Area	297284	Single Cell Mining Claim	6/19/2019	Active	100
4284652	Eagle Rock Lake Area	129368	Single Cell Mining Claim	6/19/2019	Active	100
4284652	Eagle Rock Lake Area	130751	Single Cell Mining Claim	10/22/2019	Active	100
4284652	Eagle Rock Lake Area	316005	Single Cell Mining Claim	6/19/2019	Active	100
4284653	Eagle Rock Lake Area	130751	Single Cell Mining Claim	10/22/2019	Active	100
4284653	Eagle Rock Lake Area	145824	Single Cell Mining Claim	10/22/2019	Active	100
4284653	Eagle Rock Lake Area	212459	Single Cell Mining Claim	10/22/2019	Active	100
4284653	Eagle Rock Lake Area	308433	Single Cell Mining Claim	10/22/2019	Active	100
4284653	Eagle Rock Lake Area	336561	Single Cell Mining Claim	10/22/2019	Active	100

(table continues on next page)

Legacy Claim ID	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure %
4284654	Eagle Rock Lake Area	172107	Single Cell Mining Claim	6/19/2019	Active	100
4284654	Eagle Rock Lake Area	209405	Single Cell Mining Claim	6/19/2019	Active	100
4284654	Eagle Rock Lake Area	262389	Single Cell Mining Claim	9/5/2019	Active	100
4284654	Eagle Rock Lake Area	311371	Single Cell Mining Claim	9/5/2019	Active	100
4284654	Eagle Rock Lake Area	337789	Single Cell Mining Claim	9/5/2019	Active	100
4284658	Eagle Rock Lake Area	162277	Single Cell Mining Claim	6/19/2019	Active	100
4284658	Eagle Rock Lake Area	172107	Single Cell Mining Claim	6/19/2019	Active	100
4284658	Eagle Rock Lake Area	288274	Single Cell Mining Claim	6/19/2019	Active	100
4285058	Eagle Rock Lake Area	101412	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	116731	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	122404	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	153716	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	161205	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	176374	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	176375	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	193784	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	195235	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	196260	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	196261	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	212941	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	213227	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	242389	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	250443	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	250444	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	261924	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	269194	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	269539	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	313755	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	316433	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	329589	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	338522	Single Cell Mining Claim	9/5/2019	Active	100
4285058	Eagle Rock Lake Area	338523	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	108493	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	133824	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	153396	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	161205	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	195235	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	195742	Single Cell Mining Claim	9/5/2019	Active	100

(table continues on next page)

Legacy Claim ID	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure %
4285059	Eagle Rock Lake Area	212941	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	213369	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	225451	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	261924	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	272016	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	275133	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	293603	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	316433	Single Cell Mining Claim	9/5/2019	Active	100
4285059	Eagle Rock Lake Area	332231	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	108493	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	133824	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	153396	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	153397	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	168562	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	187168	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	189756	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	200841	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	245719	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	262389	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	272016	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	272017	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	275133	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	294283	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	311371	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	311372	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	319718	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	319719	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	321368	Single Cell Mining Claim	9/5/2019	Active	100
4285060	Eagle Rock Lake Area	337789	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	101410	Single Cell Mining Claim	10/22/2019	Active	100
4285061	Eagle Rock Lake Area	116732	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	132629	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	161205	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	167458	Single Cell Mining Claim	10/22/2019	Active	100
4285061	Eagle Rock Lake Area	216967	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	242389	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	257078	Single Cell Mining Claim	10/22/2019	Active	100
4285061	Eagle Rock Lake Area	269194	Single Cell Mining Claim	9/5/2019	Active	100

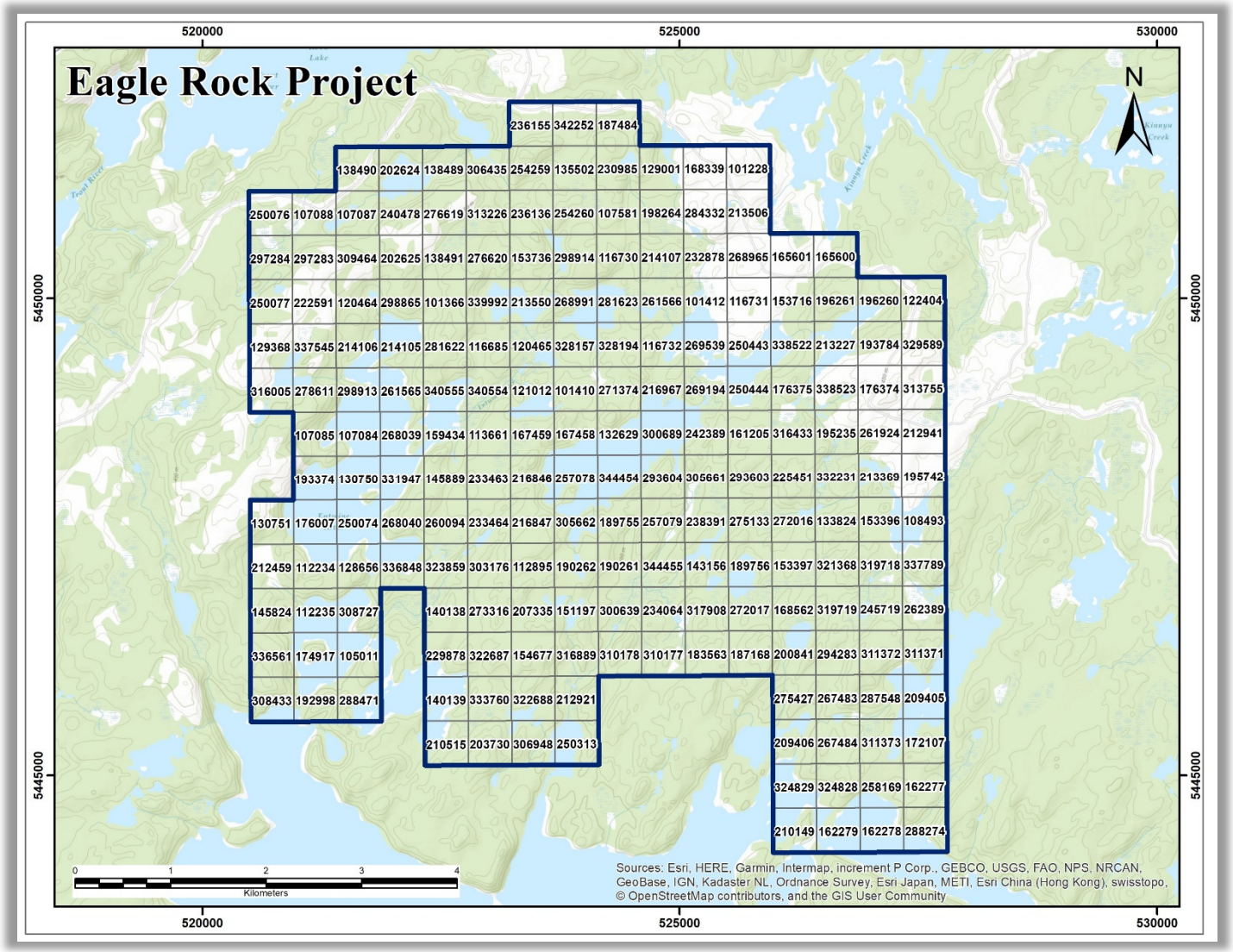
(table continues on next page)

Legacy Claim ID	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure %
4285061	Eagle Rock Lake Area	269539	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	271374	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	293603	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	293604	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	300689	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	305661	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	328157	Single Cell Mining Claim	10/22/2019	Active	100
4285061	Eagle Rock Lake Area	328194	Single Cell Mining Claim	9/5/2019	Active	100
4285061	Eagle Rock Lake Area	344454	Single Cell Mining Claim	9/5/2019	Active	100
4285062	Eagle Rock Lake Area	143156	Single Cell Mining Claim	9/5/2019	Active	100
4285062	Eagle Rock Lake Area	189755	Single Cell Mining Claim	9/5/2019	Active	100
4285062	Eagle Rock Lake Area	189756	Single Cell Mining Claim	9/5/2019	Active	100
4285062	Eagle Rock Lake Area	190261	Single Cell Mining Claim	9/5/2019	Active	100
4285062	Eagle Rock Lake Area	190262	Single Cell Mining Claim	10/22/2019	Active	100
4285062	Eagle Rock Lake Area	238391	Single Cell Mining Claim	9/5/2019	Active	100
4285062	Eagle Rock Lake Area	257078	Single Cell Mining Claim	10/22/2019	Active	100
4285062	Eagle Rock Lake Area	257079	Single Cell Mining Claim	9/5/2019	Active	100
4285062	Eagle Rock Lake Area	275133	Single Cell Mining Claim	9/5/2019	Active	100
4285062	Eagle Rock Lake Area	293603	Single Cell Mining Claim	9/5/2019	Active	100
4285062	Eagle Rock Lake Area	293604	Single Cell Mining Claim	9/5/2019	Active	100
4285062	Eagle Rock Lake Area	305661	Single Cell Mining Claim	9/5/2019	Active	100
4285062	Eagle Rock Lake Area	305662	Single Cell Mining Claim	10/22/2019	Active	100
4285062	Eagle Rock Lake Area	344454	Single Cell Mining Claim	9/5/2019	Active	100
4285062	Eagle Rock Lake Area	344455	Single Cell Mining Claim	9/5/2019	Active	100
4285063	Eagle Rock Lake Area	143156	Single Cell Mining Claim	9/5/2019	Active	100
4285063	Eagle Rock Lake Area	151197	Single Cell Mining Claim	10/22/2019	Active	100
4285063	Eagle Rock Lake Area	183563	Single Cell Mining Claim	9/5/2019	Active	100
4285063	Eagle Rock Lake Area	187168	Single Cell Mining Claim	9/5/2019	Active	100
4285063	Eagle Rock Lake Area	189756	Single Cell Mining Claim	9/5/2019	Active	100
4285063	Eagle Rock Lake Area	190261	Single Cell Mining Claim	9/5/2019	Active	100
4285063	Eagle Rock Lake Area	190262	Single Cell Mining Claim	10/22/2019	Active	100
4285063	Eagle Rock Lake Area	234064	Single Cell Mining Claim	9/5/2019	Active	100
4285063	Eagle Rock Lake Area	272017	Single Cell Mining Claim	9/5/2019	Active	100
4285063	Eagle Rock Lake Area	300639	Single Cell Mining Claim	9/5/2019	Active	100
4285063	Eagle Rock Lake Area	310177	Single Cell Mining Claim	9/5/2019	Active	100
4285063	Eagle Rock Lake Area	310178	Single Cell Mining Claim	9/5/2019	Active	100
4285063	Eagle Rock Lake Area	316889	Single Cell Mining Claim	10/22/2019	Active	100
4285063	Eagle Rock Lake Area	317908	Single Cell Mining Claim	9/5/2019	Active	100

(table continues on next page)

Legacy Claim ID	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure %
4285063	Eagle Rock Lake Area	344455	Single Cell Mining Claim	9/5/2019	Active	100
4285064	Eagle Rock Lake Area	153736	Single Cell Mining Claim	9/5/2019	Active	100
4285064	Eagle Rock Lake Area	213550	Single Cell Mining Claim	10/22/2019	Active	100
4285064	Eagle Rock Lake Area	268991	Single Cell Mining Claim	10/22/2019	Active	100
4285064	Eagle Rock Lake Area	298914	Single Cell Mining Claim	9/5/2019	Active	100

Figure 4.3 Claim Map



The following agreements pre-date the conversion of the mineral claim to the new cell system. The claim numbers indicated in the agreement reflect the old numbering system.

Eagle Rock Agreement No. 1: A purchase agreement between Robert Fairservice and Champion Bear dated February 23, 1999, amended November 8, 1999 and July 28, 2000. Champion Bear acquired 100% interest in mining claims comprising the Property from Robert Fairservice in consideration for the payment of $5,000 and the issuance of 50,000 Common Shares with a deemed value of $32,500 and subject to a 2% net smelter return (NSR), 50% of which can be acquired by Champion Bear for $1 million at any time prior to production. Eagle Rock Agreement No. 1 covers claim numbers 1245493, 1245477, 1245478, and 1245479 which were acquired by Champion Bear pursuant to Eagle Rock Agreement No. 2 (as defined below) with the result that these claims are subject to an aggregate 4% NSR, 50% of which may be acquired by Champion Bear for $2 million at any time prior to production.

In a Conveyance Agreement dated December 18, 2003, Robert Fairservice agreed to convey the 2% NSR to Champion Bear for the sum of $20,000.

Eagle Rock Agreement No. 2: A purchase agreement between Michael Stares, Stares Contracting and Champion Bear dated July 18, 2000. Champion Bear acquired 100% interest in 17 contiguous mining claims comprising the balance of the Property in consideration for the payment of $12,000 and the issuance of 100,000 Common Shares with a deemed value of $75,000 and subject to a 2% NSR, 50% of which may be acquired by Champion Bear for $1 million at any time prior to production. Some of the 17 claims have since been re-staked resulting in two claim blocks being stacked as one claim block.

Subsequently, pursuant to an agreement dated December 31, 2003, Champion Bear purchased 1.75% of the 2% NSR for $25,000. The remaining royalty is summarized in Table 4.2.

Table 4.2 Royalties Summary

Tenure #	Royalty (%)	Tenure #	Royalty (%)	Tenure #	Royalty (%)
107084	0.25	101410	0.25	207335	0.25
316005	0.25	112895	0.25	210515	0.25
298913	0.25	113661	0.25	212921	0.25
278611	0.25	121012	0.25	229878	0.25
250074	0.25	145889	0.25	250313	0.25
193374	0.25	159434	0.25	273316	0.25
176007	0.25	167458	0.25	303176	0.25
130751	0.25	167459	0.25	306948	0.25
130750	0.25	190262	0.25	316889	0.25
107085	0.25	216846	0.25	322687	0.25
105011	0.25	216847	0.25	322688	0.25
112234	0.25	233463	0.25	323859	0.25
112235	0.25	233464	0.25	333760	0.25
128656	0.25	257078	0.25	140139	0.25
130751	0.25	260094	0.25	210515	0.25
145824	0.25	303176	0.25	288471	0.25
174917	0.25	305662	0.25	105011	0.25
176007	0.25	323859	0.25	128656	0.25

Tenure #	Royalty (%)	Tenure #	Royalty (%)	Tenure #	Royalty (%)
192998	0.25	340554	0.25	140138	0.25
212459	0.25	340555	0.25	140139	0.25
250074	0.25	107084	0.25	229878	0.25
288471	0.25	128656	0.25	288471	0.25
308433	0.25	130750	0.25	308727	0.25
308727	0.25	145889	0.25	323859	0.25
336561	0.25	159434	0.25	336848	0.25
101366	0.25	250074	0.25	203730	0.25
101410	0.25	260094	0.25	210515	0.25
116685	0.25	261565	0.25	250313	0.25
120464	0.25	268039	0.25	306948	0.25
120465	0.25	268040	0.25	183563	0.25
121012	0.25	298913	0.25	212921	0.25
213550	0.25	323859	0.25	250313	0.25
214105	0.25	331947	0.25	310177	0.25
214106	0.25	336848	0.25	310178	0.25
261565	0.25	340555	0.25	316889	0.25
268991	0.25	112895	0.25	183563	0.25
281622	0.25	140138	0.25	187168	0.25
298865	0.25	140139	0.25	200841	0.25
298913	0.25	151197	0.25	209406	0.25
328157	0.25	154677	0.25	210149	0.25
339992	0.25	190262	0.25	275427	0.25
340554	0.25	203730	0.25	324829	0.25
340555	0.25	-	-	-	-

5 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE, AND PHYSIOGRAPHY

5.1 SITE TOPOGRAPHY, ELEVATION, AND VEGETATION

The topography of the Property is typical of the Canadian Shield, with a mix of lakes and swamps with coniferous and deciduous forest, rounded outcropping hills and drift-covered plains. Portions of the Property, including the area of the Campbell Zone grid and a large portion of the subdued eastern part of the Property, have been recently logged by forestry companies.

Bedrock exposures vary from very good on some of the high hills and logged areas to sparse in the low-lying areas between the hummocky hills.

Elevations on the Property range from 380 m above sea level in the east to over 470 m in the west. On the Campbell Zone grid, elevations range from 415 to 440 m above sea level. A broad northwest trending creek/wetland crosses the grid beside the baseline and separates the hills and outcrops of the Campbell Zone to the north from the swamp, wetlands, and black spruce forests of the south.

5.2 ACCESS

Access to the Property is from Provincial Highway number 502, then east along the all-season Trout Lake logging road to “Kilometre 19.5”, then turn south for 500 m onto the track to the drill camp site and access to the Campbell Zone grid. The Trout Lake logging road continues eastward for another 21 km where it connects to the Turtle River Road and provides access to much of the eastern portion of the Property.

5.3 CLIMATE

The climate of northwestern Ontario is characterized by continental climate of contrasting seasons. The summers are warm with most precipitation occurring in the months of June and July, and the winters are cold and dry. The daily mean temperature of Dryden, Ontario in January is -18°C, and +18°C in July. The annual snowfall average is 140 cm and annual rainfall is 70 cm.

Work can be conducted on the Property year-round if required.

5.4 INFRASTRUCTURE

The towns of Dryden (population 8,200) and Fort Frances (population 8,100) are both active communities serving the mining, exploration, logging, and tourism industries. Located on the Trans-Canada Highway, both locations are served by daily airline connections to Thunder Bay, Ontario and Winnipeg, Manitoba, and offer resource industry services and supplies including an analytical preparation laboratory in Dryden.

6 HISTORY

The exploration history of the region dated back to the 1960s, with work on the Property starting in earnest in 1969. Table 6.1 summarizes the history of the Property.

Table 6.1 Property History

Year	Company	Activities	Significant Results
1961	Geological Survey of Canada (GSC)	Regional airborne magnetic survey (GSC Map 1152G)	-
1962	Unknown	Ninety-three claims staked in the region based on the GSC Map 1152G	-
1965	Ontario Department of Mines (ODM)	Release geological map (ODM Map P0292)	-
1968	Kennco	Trenching, geological mapping, and sampling of four zones of copper mineralization	-
1969-1974	Noranda	Trenching, ground magnetics, ground electromagnetic (EM), 10 diamond drillholes totalling 1,064 m analyzed for nickel (Ni) and copper, but not for platinum and palladium	-
1974	Ontario Department of Mines	Regional map compilation (ODM Map P965)	-
1987-1988	BP-Selco Canada	Resampled Noranda drill core and analyzed for PGM, resulted in staking 617 claims over the intrusion	-
1988	Southern Era	Airborne magnetic and very low frequency survey (1,070 line km on 150 line spacing); detailed mapping over the western portion of the intrusion	Drill program of nine holes totalling 1,112 m on the Campbell Zone
1998	Ontario Geological Survey	Regional mapping (OGS OFR 5979)	-
1999	Ontario Geological Survey	Mapping (OGS Map P3386 & OGS Map P3400)	-
1999	Champion Bear	Acquired a total of 10 claim blocks	-
1999-2001	Champion Bear	Diamond drill program 46 holes totalling 5,046 m	-
2000	Ontario Geological Survey	Open report (OGS OFR 6021)	-
2000	Champion Bear	Claim staking of 28 blocks totalling 4,160 ha; detailed mapping and prospecting	-
2001	Champion Bear	Preliminary metallurgical investigations on two intervals of drill core	90-95% recovery for Cu, Pt, Pd, and 85-90% for gold (Au) and silver (Ag)
2002	OGS-Mineral Exploration Research Centre (MERC)	Detailed mapping (OGS Map P3516)	-
2002	Champion Bear	Watts, Griffiths and McOuat (WGM) manages and operates exploration program on behalf of Champion Bear	-

(table continues on next page)

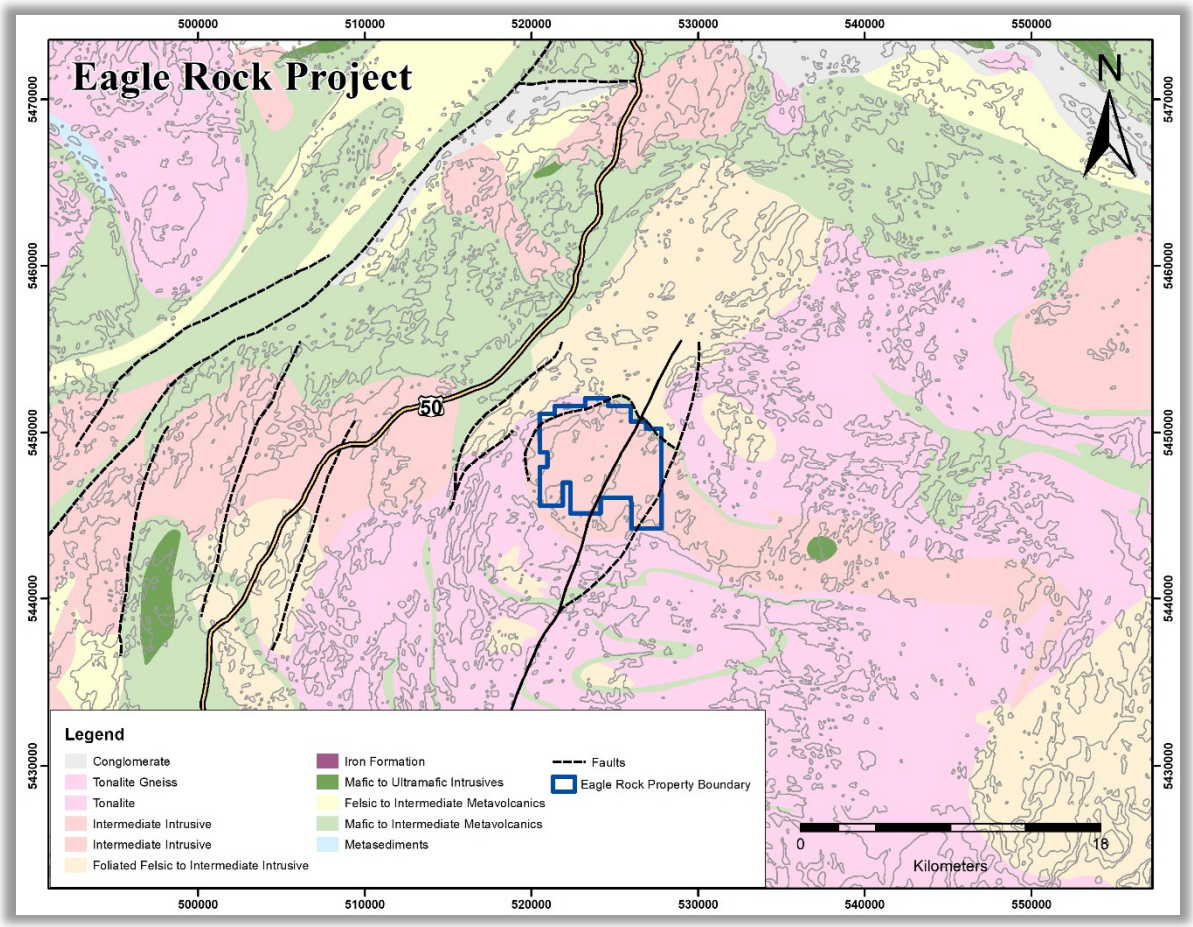
Year	Company	Activities	Significant Results
2004	Champion Bear	Brief field investigation by WGM geologist (seven samples collected)	-
2005	Champion Bear	WGM re-logged 11 drillholes; Terraquest completes 757 line km of high resolution airborne magnetics and radiometric survey	-
2007	Champion Bear	WGM continues re-logging program completing an additional 31 holes, ground IP and magnetic survey completed, diamond drill program of three holes totalling 918 m	-
2008	Champion Bear	Diamond drill program, 14 holes totalling 3,220 m	-
2009	Champion Bear	Diamond drill program, nine holes totalling 2,501 m; staking increased Property to 12,370 ha from 3,220 ha; prospecting program with 133 samples collected	-
2011	Champion Bear	Re-staking program; prospecting program with 660 samples collected; option agreement with Canadian Platinum	-
2019	Champion Bear	Diamond drill program, 9 holes totalling 1,442 m	

7 GEOLOGICAL SETTING AND MINERALIZATION

7.1 REGIONAL GEOLOGY

The Property overlies the Entwine Lake Intrusion within the central Wabigoon sub-province of the Superior Province of the Canadian Shield. The Intrusion lies proximal to the boundary between the western and central regions of the Wabigoon. Entwine Lake is provisionally included within the central region because its plutonic and gneissic country rocks appear to represent a continuum with similar rocks in the central Wabigoon which has a high proportion of felsic plutonic and gneissic rocks in comparison to greenstone sequences (*Stone, 2000*) (Figure 7.1).

Figure 7.1 Regional Geology



Entwine Lake is a relatively late intrusion of neo-Archean-age (2.78 to 2.70 Ga) mantled by mafic schist and amphibolites gneiss thought to be the remnants of older greenstone belt assemblages. The elongate Intrusion is approximately 35 km long and up to 8 km wide and has characteristics similar to mantle-derived monzodiorite intrusions termed sanukitoid that have not been previously examined for their platinum group elements (PGE) potential. The Intrusion is hosted, in part, within the Irene-Eltrut Lake batholiths which includes biotite tonalite and tonalite gneiss. A narrow (up to 500 m wide) unit of amphibolite, probably of meta-volcanic origin, mantles the oval western end of the Entwine Lake Intrusion (*Stone, 2000*).

7.1.1 SANUKITOID INTRUSIONS

Sanukitoids are a variety of high-magnesium sub-alkaline granitoid rocks (quartz monzonite to quartz diorite in composition) emplaced mainly across the Achaean–Proterozoic transition, possibly marking the time when Tonalite-Trondhjemite-Granodiorite (TTG)-dominated granitoid magnetism changed to a more modern-style, arc-dominated magmatism. The major and trace element composition of sanukitoids is intermediate between typical Archean TTG and modern arc granitoids. The characteristic geochemical affinity of Sanukitoids range between 55 and 60 weight percent silicon dioxide (SiO_2), greater than 0.6 weight percent magnesium, and greater than 1.0 weight percent potassium oxide (K_2O).

The term sanukitoid is almost exclusively used for intrusive bodies. Extrusive chemical equivalents, like high-magnesium andesite, are generally not referred to as sanukitoids. Sanukitoid intrusions are commonly differentiated bodies having also mafic (alkali-gabbros – gabbro-syenite) and even ultramafic (pyroxenites – hornblendites) varieties. Sanukitoids are often of multiphase intrusive complexes, which are composed of smaller intrusions and dykes having either clear cross-cutting relationships or gradational mutual relationships; breccias are also encountered in sanukitoid complexes (*Hinzer, 2004*).

The igneous components have been intruded in a short time interval as evidenced by the gradational contact relationships which perhaps are due to simultaneous crystallization of two incompletely mixed melts of differing compositions. Some of the bodies and dykes are not chemically sanukitoids, but are included into the sanukitoid suite due to spatial, temporal, and chemical proximity to true sanukitoids. No systematic, spatial or temporal, relationship between mafic and more felsic varieties is recognized and every sanukitoid complex is rather unique. The sanukitoids tend to have cumulus texture; non-cumulate varieties are only rarely reported.

7.2 PROPERTY GEOLOGY

The Entwine Lake Intrusion is a multi-phase intrusion and was originally mapped by Davies (1965) and later re-examined in more detail by Campbell (1987), Stone, Halle, and Chaloux (1998), and Stone and Halle (1999). The latter recognized four major lithological components of the Intrusion:

1. Monzodiorite to monzonite is widespread comprising most of the eastern “tail” of the Entwine Stock. Monzodiorite to monzonite is medium- to coarse-grained, pink to red and can be variably massive to foliated or lineated.
2. Diorite-gabbro, locally grading to monzodiorite, occurs in a circular domain in the western lobe of the Intrusive. Diorite is typically massive, medium to coarse and very coarse grained, and grey to white or brownish in colour. Mafic to ultramafic inclusions are present, and diorite locally shows very faint magmatic layering characterized by slight changes in mafic mineral content.

3 Quartz monzonite occurs in two small domains in the western lobe. It is coarse to very coarse grained, massive, and pink to red with distinct potassium feldspar megacrysts.

4 Coarse pyroxenite occurs in scattered locations as inclusions, dykes, and as an oval plug of 2 km diameter in the eastern tail.

Intermediate to felsic and variable aplitic to pegmatitic dykes and irregular masses of granodiorite-granite transect other phases of the Entwine Lake Intrusion, although typically in minor proportions. Epidote-filled fractures and faults are also observed in outcrops.

Two regional north-northeast striking brittle faults cut the western end of the Entwine Lake Intrusion and show up to 1 km of sinistral strike separation.

A mylonite zone of up to a few hundred metres width is developed in country rocks and in monzodiorite at the northwest end of the Entwine Stock and appears to closely follow the contact of the intrusion. The fabric of the mylonite and enveloping gneisses dips eastward at shallow to intermediate angles. This, combined with shallow, easterly plunging mineral lineations within the Intrusion implies that the northwest end of the intrusion plunges east to southeasterly (*Stone, 2000*).

At the Campbell Zone, detailed mapping (*Pryslak, 2002*) identified leucogabbro- gabbro (Stone's diorite-monzodiorite suite) as the most abundant unit on the grid. The gabbros are divided based on pyroxene content into four sub-units: leucogabbro-diorite (5 to 15% pyroxene), leucogabbro-diorite (15 to 30% pyroxene), gabbro (30 to 50% pyroxene), and pyroxenite (greater than 50% pyroxene).

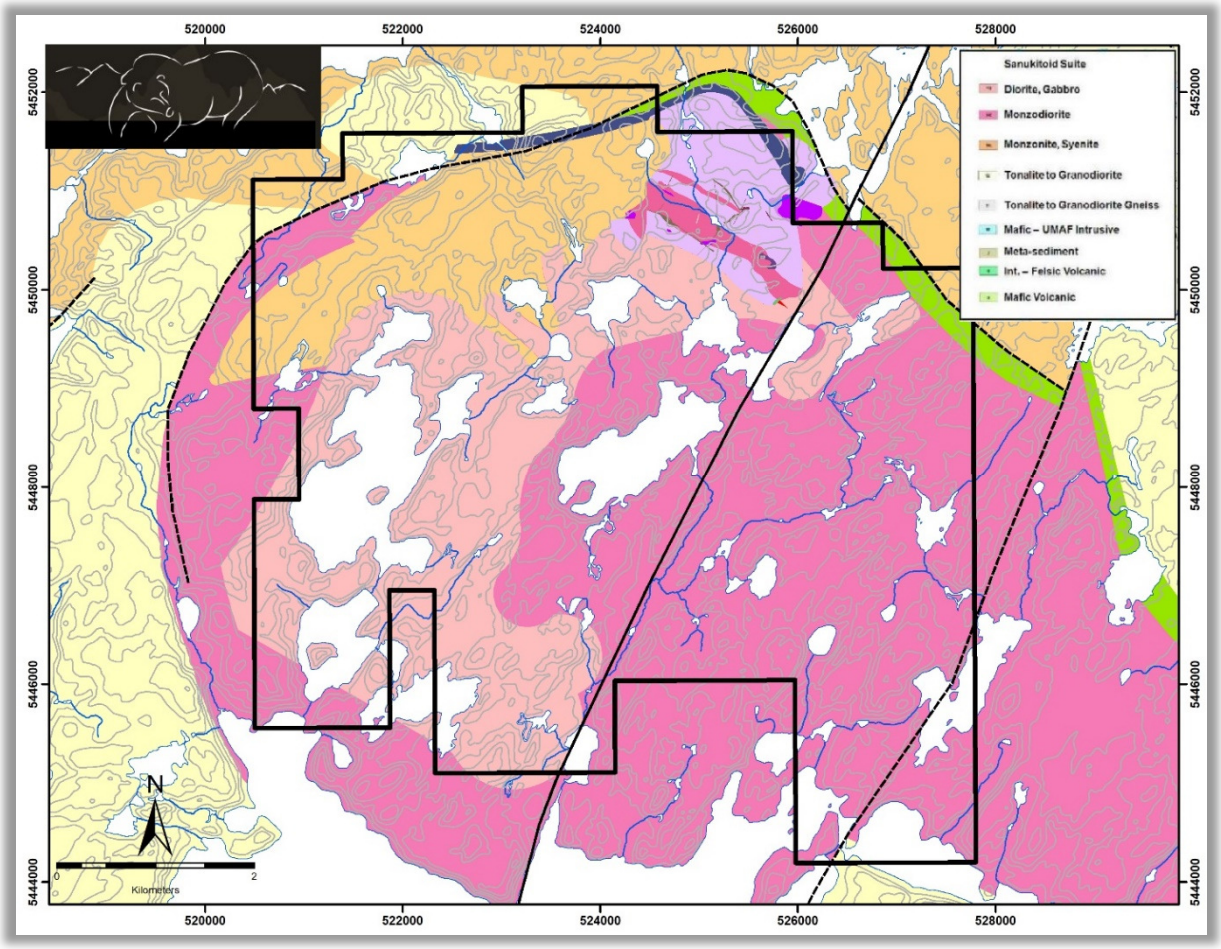
Contacts are generally gradational contacts but locally can develop subtle banding. Campbell Zone sulphide mineralization is associated with the two leucogabbro-diorite sub-units. The more melanocratic phases become more abundant southeast of the Campbell Zone.

A quartz monzonite-monzodiorite unit is similar to the leucogabbro-diorite sub-units but is medium grained not very coarse grained, has a higher proportion of biotite, always intrudes the leucogabbro-gabbro unit, and is feldspar-phyric, particularly in marginal phases and narrow dykes (*Pryslak, 2001*).

Numerous narrow dykes intrude the leucogabbro-gabbro and monzonite- monzodiorite units. The composition of these dykes varies from dioritic to pyroxenites to granite related phases. Most are late stage portions of the Entwine Lake Intrusion and generally follow northeast to north trending fractures.

Stone and Halle (1999) noted that sub-horizontal to shallow eastward plunging mineral lineations are observed throughout the Entwine Lake Intrusion. A narrow mylonite zone (up to 100 m wide) is developed in the tonalite country rock along the northwest rim of the Intrusive. Locally, monzodiorite is also mylonitized. The Entwine Lake area is cut by north-northeast striking brittle faults characterized by zones of red, altered rock containing chlorite and carbonate, and epidote fractures and veins. Two sub-vertical faults transecting the Entwine Lake Intrusive have sinistral strike separations of several hundred metres. A poorly exposed fault at the eastern side of the greenstone belt at Eagle Rock Lake appears to dip westward at a shallow angle (Figure 7.2).

Figure 7.2 Eagle Rock Property Geology



7.3 MINERALIZATION

The Campbell Zone is the main sulphide zone on the Property. The "reef-like" horizon is exposed at surface for approximately 1,200 m. The Campbell Zone is termed "reef-like" in that it is a relatively tabular zone consistent in terms of dip, strike, thickness, metal content, and metal tenor. The Campbell Zone is hosted in altered diorites and gabbros, and appears to be sub-parallel to magmatic stratigraphy. It strikes northwest, dips at 60° to the southwest, varies in true thickness from 3 to 30 m (averages 8 to 10 m thick) and is known by drilling to extend to a vertical depth of at least 200 m. In the central portion of the Campbell Zone, there exists a broader, lower grade horizon in the immediate footwall of the Main Zone horizon.

Sulphide mineralization and associated greenschist facies alteration define the Campbell Zone. Locally, up to 10% (typically less than 5%) chalcopyrite and pyrrhotite occur as broad, relatively uniform zones of fine disseminations – palladium-bismuth tellurides and electrum have also been noted by previous workers. The mineralization is characterized by a greenschist facies alteration assemblage (epidote, chlorite, sericite, and carbonate).

The metal tenor of the sulphides is very good. There is a strong and consistent correlation between the abundance of copper, Au+Pt+Pd, and sulphur. There is also a very uniform relative abundance of the precious metals 2:3:5 Au:Pt:Pd as well as the base metals 6.8:1 Cu:Ni.

8 DEPOSIT TYPES

Iijina (2004) studied the association of sanukitoids and PGE mineralization worldwide and reported that the exploration potential for copper-nickel-PGE sulphide in sanukitoid formations is essentially based on the recent petrological classification of sanukitoids into the high-magnesium, boninite-like magmas. The boninite family hosts, with few exceptions, almost all of the world's major PGE mines and deposits. Siliceous High Magnesium Basalt (SHMB) have been thought to play a critical role in the formation of platiniferous layers in mafic intrusions, such as the Bushveld Complex of South Africa, the Pilbara (Munni Munni mineralization, Radio Hill mine) of Western Australia, the Stillwater Complex of the western United States, the Great Dyke of Zimbabwe, the East Bull Lake and River Valley Intrusions of Ontario, and the Fenno-Scandian Complex of Finland. All have producing mines or significant deposits of PGE mineralization.

Examples of base metal-PGE mineralization associated with a sanukitoid complex in northwestern Ontario include the Roaring River and the Shelby Lake intrusion complexes, both located near the Lac-des-Iles Mine complex north of Thunder Bay.

The Lac-des-Iles complex is comprised of mafic and ultramafic intrusion phases, inter-chamber breccias and hydrothermal alteration, and is associated with a large sanukitoid complex to the south.

The Roaring River Intrusive Complex is composed of monzonite, quartz monzodiorite, diorites, gabbros, and pyroxenites with pegmatitic varieties and gabbroic intrusive breccias. The PGE-sulphide showings are concentrated in a small gabbro-pyroxenite body which has a slightly different chemistry from the sanukitoids surrounding the body.

The Shelby Lake Intrusive is composed of alkaline gabbros, diorites, and granodiorites of the standard sanukitoid suite. The base and precious metal mineralization has preferentially taken place in the gabbroic varieties and at the margins of the complex.

The origin of known metaliferous sulphides at the Entwine Lake Intrusion is problematic and may not subscribe to any one genetic model. Both magmatic and hydrothermal characteristics have been observed and recorded.

Cabri (2002) completed a detailed mineralogical and petrographic investigation and suggested that the Campbell Zone sulphides are re-crystallized and re-mobilized as a result of intense greenschist facies alteration over printing the sulphides, and forming a chalcopyrite-rich metamorphosed-hydrothermally altered assemblage.

Exploration should focus on identifying the magnetite-rich zones that could be used as a guide to the less magnetic hydrothermally altered rocks that may prospective host coppery-rich copper, nickel, and precious metal mineralization.

Additional studies and observations, (*Hinzer, 2004*) suggested the following three models for genesis of the Campbell Zone sulphides:

- The sulphides are emplaced solely by metasomatic processes. Field and petrographic observations recognized a possible zonation of hydrothermal alteration through the Campbell Zone.
- The sulphides are re-mobilized by late hydrothermal activity. There are two possible models for the proto-ore:
  - An orthomagmatic process in which the immiscible sulphide melt was separated out of the silicate melt.

  - Direct crystallization of the sulphides due to decomposition metal complexes akin to the formation of porphyry copper deposits.

- The sulphides are structurally controlled. The Campbell Zone trend extends for several kilometres from the Campbell Zone extending east then south and eventually west along the north shore of Entwine Lake. The trend mimics the circular shape of the west end of Entwine Lake Intrusion. This trend may be related to a structural control of the sulphide mineralization.

9 EXPLORATION

No surface exploration has been conducted on the project since the 2011 assessment report was issued.

10 DRILLING

10.1 DRILL PROGRAMS

Since 1970, there have been 104 diamond drillholes totalling 15,714 m completed on the Property; all holes, except one, have targeted the Campbell Zone area. Table 10.1 summarizes the various drill programs completed by different companies.

Figure 10.1 shows drill collar locations prior to 1999; Figure 10.2 shows drill collar locations from 1999 to 2019.

Table 10.1 Drill Programs

Year	Company	No. of Holes	Total (m)	Hole Sequence
1970-1974	Noranda Limited	11	1,224.8	JL - series
1987-1988	BP-Selco	9	1,112	EL88-01 to -09
1999-2002	Champion Bear	49	5,298	ER-01 to -46 & W1 to W3
2007-2008	Champion Bear	17	4,137	ER07 & ER08 - series
2009	Champion Bear	9	2,501	ER09-14 to -22
2019	Champion Bear	9	1,442	ER19-23 to ER19-31
TOTAL	-	**104**	**15,714**	-

The relationship between the sample length and the true thickness of the mineralization has yet to be determined as the mineralization has an undulating contact.

In addition to the nine drillholes drilled in 2019, the QP randomly pulled seven core boxes from the core racks to observe the condition of the core, the sample tags, the run markers, sampling quality, and the geology. All the holes pulled would be from the 1999-2009 programs by Champion Bear. The drill core observed in the core boxes indicates industry-acceptable recovery and would not impact the reliability of the results. Core recovery was not recorded in the drill logs. It is easy to determine the core recovered within the core boxes by the placement of the run markers in the core boxes.

Figure 10.1 Drill Collar Locations Prior to 1999

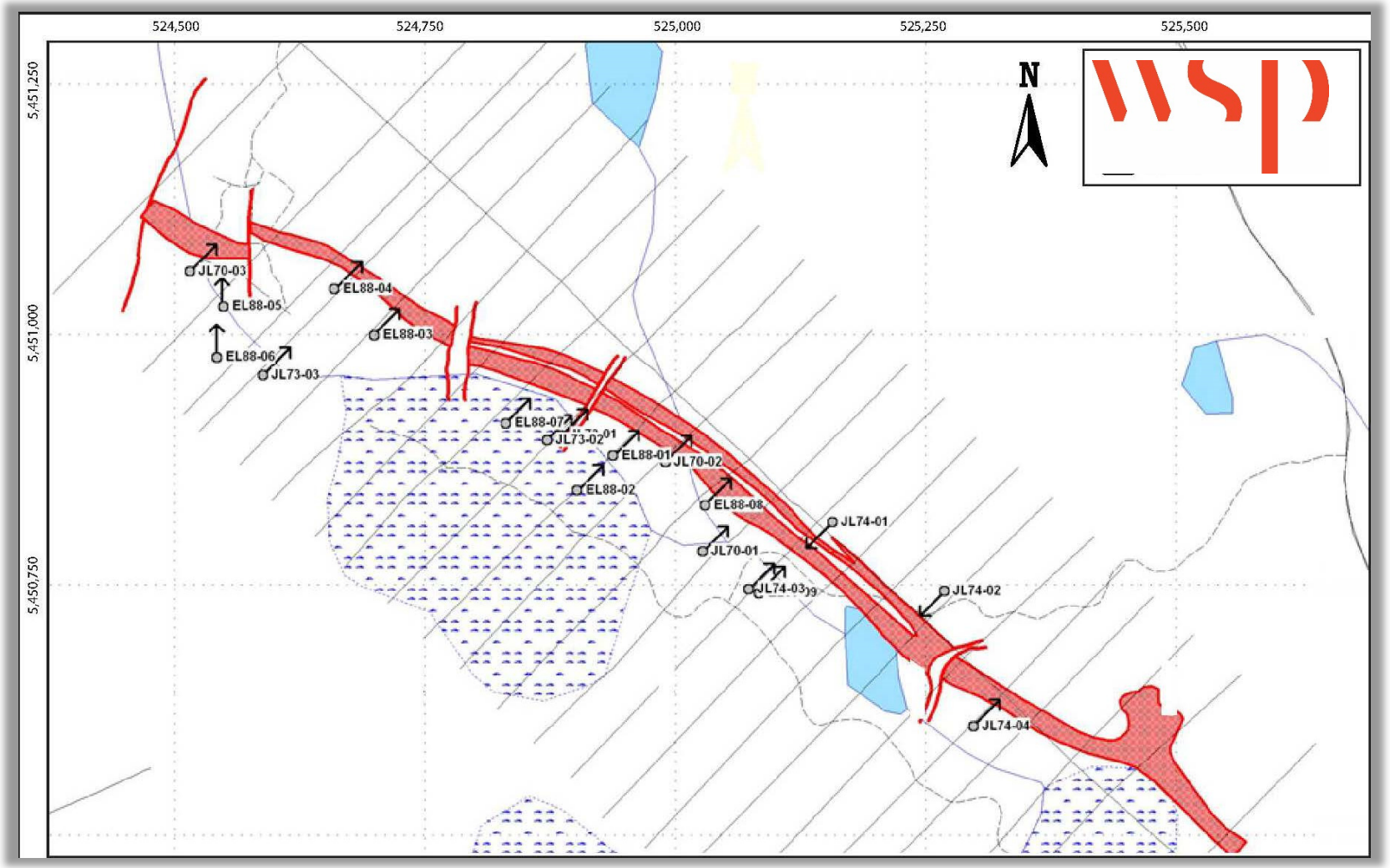
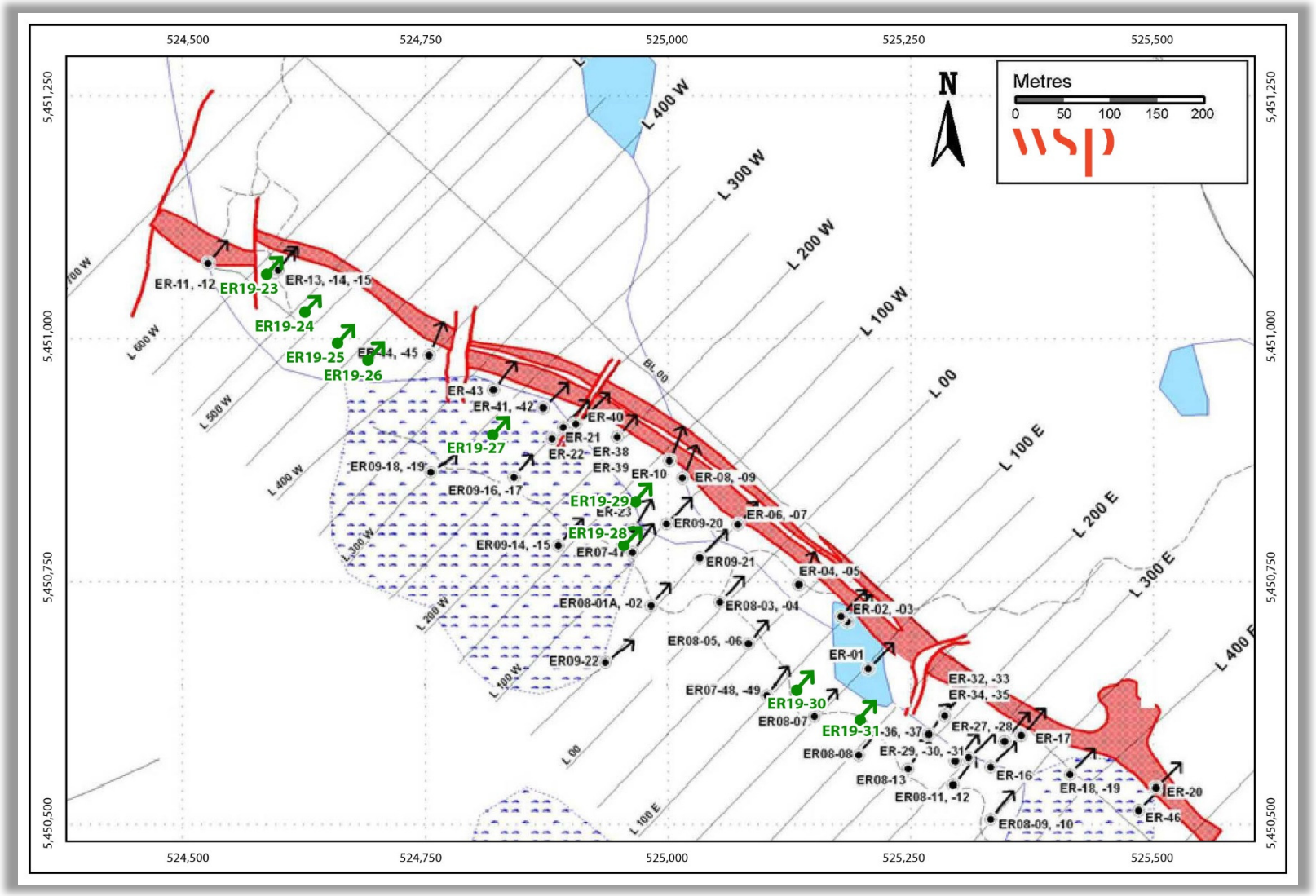


Figure 10.2 Drill Collar Locations 1999 to 2019



10.1.1 NORANDA DRILLING

The first hole drilled on the Property and the only hole ever drilled outside the Campbell Zone area was completed in August 1970 by Noranda targeting a sulphide showing on the north shore of Entwine Lake. In September 1970, Noranda drilled three holes targeting copper sulphide mineralization at the Jocko Lake property, now called the Campbell Zone. In 1973 and 1974, the company drilled seven additional holes into the Zone. Eight of the ten holes intersected Campbell Zone sulphides over core lengths ranging from 3 to 63 m (drilled down-dip), one hole stopped short of the Campbell Zone, and one hole intersected a dyke (Table 10.2).

Table 10.2 Noranda Drill Collars

Hole Number	UTM East	UTM North	Elevation (m)	Length (m)	Dip (°)	Azimuth (°)	Collar Located in Field	Start Date
EL70-1	524850	5444850	415	160.7	-45	315	N	1-Aug-70
JL70-01	525027	5450784	423	115.8	-45	45	N	6-Sep-70
JL70-02	524991	5450873	423	101	-45	45	N	16-Sep-70
JL70-03	524516	5451064	423	100.6	-45	45	N	26-Sep-70
JL73-01	524886	5450900	425	105.2	-45	45	N	7-Nov-73
JL73-02	524872	5450895	425	103	-45	45	Y	17-Dec-73
JL73-03	524589	5450960	425	123.1	-45	45	N	14-Dec-73
JL74-01	525157	5450813	430	104.3	-50	225	N	16-Jan-74
JL74-02	525269	5450744	430	109.4	-45	225	N	19-Dec-73
JL74-03	525073	5450746	421	103.6	-45	45	N	25-Jan-74
JL74-04	525298	5450609	416	98.2	-42	45	N	28-Jan-74

10.1.2 BP-SELCO DRILLING

In 1988, BP-Selco completed nine holes totalling 1,112 m into the central and northwest portions of the Campbell Zone. Seven holes hit Campbell Zone mineralization (Table 10.3). Table 10.4 summarizes the results from the drilling prior to Champion Bear.

Table 10.3 BP-Selco Drill Collars

Hole Number	UTM East	UTM North	Elevation (m)	Length (m)	Dip (°)	Azimuth (°)	Collar Located in Field	Start Date
EL88-01	524938	5450879	424	115.5	-45	45	N	23-Oct-88
EL88-02	524902	5450845	424	188.7	-45	45	N	29-Oct-88
EL88-03	524700	5451000	425	100.2	-45	45	N	11-Apr-88
EL88-04	524660	5451046	428	92.1	-45	45	N	11-Jul-88
EL88-05	524550	5451029	425	143	-45	360	N	11-Oct-88
EL88-06	524543	5450978	425	127.7	-60	360	N	13-Nov-88
EL88-07	524831	5450912	425	124.7	-50	45	N	17-Nov-88
EL88-08	525030	5450830	423	100.2	-45	45	N	22-Nov-88
EL88-09	525084	5450742	421	119.7	-45	45	N	25-Nov-88

Table 10.4 Historic Drill Results

Hole-ID	Section	Type	From	To	Length (m)	Ni+Cu (%)	Pt+Pd+Au (g/t)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Ag (g/t)
EL70-1	-	NSI	-	-	-	-	-	-	-	-	-	-	0.00
EL88-01	L200W	AVG	42.50	78.50	36.00	0.51	1.17	0.00	0.51	0.26	0.58	0.33	-
EL88-01	L200W	INCL	48.50	64.50	16.00	0.67	1.53	0.00	0.67	0.44	0.76	0.33	0.00
EL88-02	L200W	AVG	110.90	136.20	25.30	0.47	0.98	0.00	0.47	0.20	0.50	0.27	0.00
EL88-03	L450W	AVG	30.70	40.00	9.30	0.51	1.49	0.00	0.51	0.31	0.72	0.45	0.00
EL88-04	L500W	AVG	21.60	31.20	9.60	0.62	1.29	0.00	0.62	0.30	0.60	0.38	0.00
EL88-05	L600W	AVG	49.10	56.60	7.50	0.46	1.41	0.00	0.46	0.30	0.69	0.42	-
EL88-06	L550W	NSI	-	-	-	-	-	-	-	-	-	-	0.00
EL88-07	L300W	AVG	78.30	83.20	4.90	0.29	0.59	0.00	0.29	0.13	0.30	0.16	0.00
EL88-07	L300W	AVG	89.80	93.60	3.80	0.23	0.56	0.00	0.23	0.14	0.26	0.15	0.00
EL88-08	L100W	AVG	27.00	71.80	44.80	0.42	0.92	0.00	0.42	0.20	0.46	0.26	0.00
EL88-08	L100W	INCL	30.00	39.30	9.30	0.69	1.29	0.00	0.69	0.29	0.65	0.36	0.00
EL88-08	L100W	and	42.20	51.60	9.40	0.61	1.42	0.00	0.61	0.31	0.72	0.39	0.00
EL88-08	L100W	and	67.40	71.80	4.40	0.59	1.56	0.00	0.59	0.34	0.77	0.45	0.00
EL88-09	L000	AVG	60.00	71.80	11.80	0.53	1.23	0.00	0.53	0.26	0.62	0.34	9.06
JL70-01	L050W	AVG	68.58	83.82	15.24	0.55	0.17	0.09	0.46	0.17	0.00	0.00	8.03
JL70-02	L150W	AVG	42.67	64.01	21.34	0.62	0.00	0.08	0.54	0.00	0.00	0.00	10.29
JL70-03	L600W	AVG	16.76	19.81	3.05	0.77	0.17	0.09	0.68	0.17	0.00	0.00	18.51
JL70-03	L600W	AVG	22.86	25.91	3.05	0.87	0.17	0.10	0.77	0.17	0.00	0.00	2.69
JL73-01	L250W	AVG	59.44	79.25	19.81	0.45	0.00	0.00	0.45	0.00	0.00	0.00	-
JL73-02	L250W	NSI	-	-	-	-	-	-	-	-	-	-	-
JL73-03	L250W	NSI	-	-	-	-	-	-	-	-	-	-	4.15
JL74-01	L000	AVG	32.38	90.98	58.60	0.57	0.00	0.00	0.57	0.00	0.00	0.00	1.63
JL74-02	L150E	AVG	92.52	102.39	9.87	0.39	0.00	0.00	0.39	0.00	0.00	0.00	2.40
JL74-03	L000	AVG	72.47	78.64	6.17	0.59	0.00	0.00	0.59	0.00	0.00	0.00	1.89
JL74-03	L000	AVG	90.98	97.15	6.17	0.28	0.00	0.00	0.28	0.00	0.00	0.00	2.74

10.1.3 CHAMPION BEAR DRILLING

1999 TO 2001

In 1999, Champion Bear initiated an extensive 49-hole, 5,298 m program designed to systematically follow-up on results of previous drilling as well as determine the extent of the Campbell Zone mineralization along strike and at depth. In general, holes were drilled at 50 m centres along the entire strike of the zone and often two holes collared at different angles were drilled from the same site to test the continuity of the mineralization down-dip. The drilling successfully outlined the nature and extent of the Campbell Zone mineralization, including identifying a potential parallel footwall zone. Three holes tested the Zone 500 m to the southeast – two of the holes intersected narrow (2 to 3 m) intervals of Campbell grade mineralization (Tables 10.5 and 10.6).

Table 10.5 1999 - 2001 Drill Collars

Hole Number	UTM East	UTM North	Elevation (m)	Length (m)	Dip (°)	Azimuth (°)	Collar Located in Field	Start Date
ER-01	525207	5450661	420	87	-50	45	N	9-Jun-99
ER-02	525185	5450709	420	77	-50	45	N	11-Jun-99
ER-03	525179	5450714	420	87	-70	42	Y	12-Jun-99
ER-04	525135	5450748	420	87	-50	27	Y	13-Jun-99
ER-05	525135	5450748	420	87	-71	25	Y	14-Jun-99
ER-06	525073	5450810	422	90	-53	38	Y	15-Jun-99
ER-07	525073	5450809	422	90	-79	38	Y	15-Jun-99
ER-08	525016	5450857	422	81	-51	27	Y	18-Jun-99
ER-09	525015	5450856	422	90	-72	22	Y	18-Jun-99
ER-10	525002	5450875	423	102	-50	20	Y	20-Jun-99
ER-11	524527	5451078	425	87	-50	40	Y	22-Jun-99
ER-12	524527	5451078	425	63.3	-70	40	Y	23-Jun-99
ER-13	524596	5451068	425	84	-50	40	Y	23-Jun-99
ER-14	524596	5451068	425	60	-70	40	Y	24-Jun-99
ER-15	524599	5451071	425	75	-60	40	Y	25-Jun-99
ER-16	525333	5450559	417	123	-45	45	Y	8-Feb-00
ER-17	525365	5450591	416	69	-48	41	Y	14-Feb-00
ER-18	525415	5450552	415	94.6	-44	45	Y	15-Feb-00
ER-19	525415	5450552	415	103.5	-65	34	Y	16-Feb-00
ER-20	525503	5450538	415	162	-45	49	Y	18-Feb-00
ER-21	524905	5450912	425	84	-45	45	N	20-Feb-00
ER-22	524881	5450897	425	91	-45	55	N	21-Feb-00
ER-23	524964	5450803	423	216	-76	30	Y	22-Feb-00
ER-24	525830	5450119	430	150	-50	40	Y	3-Nov-00
ER-25	525794	5450154	426	150	-50	40	Y	5-Nov-00
ER-26	525641	5450279	428	156	-48	45	Y	7-Nov-00

(table continues on next page)

Hole Number	UTM East	UTM North	Elevation (m)	Length (m)	Dip (°)	Azimuth (°)	Collar Located in Field	Start Date
ER-27	525348	5450587	415	111	-50	45	N	9-Nov-00
ER-28	525347	5450586	415	162	-70	45	N	10-Nov-00
ER-29	525310	5450569	418	147	-70	45	N	12-Nov-00
ER-30	525296	5450565	418	189	-70	38	Y	13-Nov-00
ER-31	525297	5450565	418	153	-51	38	N	15-Nov-00
ER-32	525286	5450612	416	111	-50	35	Y	17-Nov-00
ER-33	525285	5450612	416	132	-70	35	Y	18-Nov-00
ER-34	525286	5450612	416	162	-60	36	Y	19-Nov-00
ER-35	525285	5450612	416	156	-85	35	Y	21-Nov-00
ER-36	525269	5450593	420	132	-72	37	Y	23-Nov-00
ER-37	525269	5450593	420	150	-83	37	Y	24-Nov-00
ER-38	524948	5450899	424	80	-45	39	Y	22-Jan-01
ER-39	524948	5450899	424	108	-70	39	Y	23-Jan-01
ER-40	524893	5450909	425	66	-45	44	Y	25-Jan-01
ER-41	524873	5450930	425	81	-45	43	Y	26-Jan-01
ER-42	524872	5450929	425	102	-70	44	Y	28-Jan-01
ER-43	524821	5450947	425	126	-45	38	Y	29-Jan-01
ER-44	524755	5450984	425	75	-44	24	Y	30-Jan-01
ER-45	524754	5450983	425	90	-71	24	Y	31-Jan-01
ER-46	525485	5450515	415	85	-45	45	N	2-Feb-01
W1	525370	5450320	420	56	-90	50	N	27-Oct-00
W2	525390	5450340	420	87	-45	50	N	29-Oct-00
W3	525430	5450370	420	90	-45	35	N	31-Oct-00

Table 10.6 1999 - 2001 Drill Results

Hole-ID	Section	Type	From	To	Length (m)	Ni+Cu (%)	Pt+Pd+Au (g/t)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Ag (g/t)
ER-01	L150E	AVG	38.00	53.00	15.00	0.92	1.52	0.15	0.78	0.43	0.73	0.36	7.25
ER-01	L150E	AVG	60.00	64.80	4.80	0.44	0.81	0.06	0.39	0.24	0.37	0.20	3.48
ER-02	L100E	AVG	19.00	47.00	28.00	0.31	0.70	0.04	0.27	0.21	0.32	0.17	2.49
ER-03	L100E	AVG	11.00	23.50	12.50	0.60	1.24	0.08	0.52	0.35	0.59	0.29	4.93
ER-03	L100E	AVG	27.00	30.00	3.00	0.45	0.92	0.06	0.39	0.26	0.44	0.22	3.40
ER-03	L100E	AVG	37.00	40.00	3.00	0.53	1.04	0.07	0.46	0.31	0.49	0.24	4.33
ER-04	L050E	AVG	28.00	31.00	3.00	0.54	1.33	0.08	0.46	0.37	0.64	0.32	4.33
ER-04	L050E	AVG	40.00	47.00	7.00	0.38	1.00	0.05	0.33	0.28	0.48	0.25	3.20
ER-05	L050E	AVG	29.00	40.00	11.00	0.59	1.55	0.09	0.50	0.47	0.73	0.35	4.27
ER-05	L050E	AVG	60.00	67.00	7.00	0.39	0.94	0.07	0.33	0.29	0.43	0.23	3.00
ER-06	L050W	AVG	8.80	23.00	14.20	0.51	1.06	0.08	0.43	0.32	0.49	0.25	3.14
ER-07	L050W	AVG	15.00	32.00	17.00	0.51	1.10	0.08	0.43	0.31	0.52	0.27	3.62
ER-07	L050W	AVG	52.20	58.00	5.80	0.57	1.27	0.07	0.50	0.35	0.61	0.31	4.57
ER-07	L050W	AVG	68.50	78.90	10.40	0.45	1.18	0.05	0.39	0.33	0.56	0.28	3.62
ER-08	L150W	AVG	9.50	49.50	40.00	0.56	1.12	0.07	0.49	0.32	0.54	0.26	4.39
ER-08	L150W	INCL	10.50	25.50	15.00	0.74	1.28	0.10	0.64	0.35	0.62	0.30	5.75
ER-08	L150W	INCL	33.70	38.60	4.90	0.73	1.69	0.09	0.64	0.50	0.81	0.39	5.84
ER-08	L150W	INCL	41.40	49.50	8.10	0.67	1.62	0.08	0.59	0.48	0.79	0.36	5.10
ER-09	L150W	AVG	14.00	84.00	70.00	0.45	0.90	0.06	0.40	0.26	0.43	0.21	3.62
ER-09	L150W	INCL	14.01	23.00	8.99	0.75	1.25	0.10	0.65	0.34	0.61	0.30	5.74
ER-09	L150W	INCL	46.20	69.70	23.50	0.63	1.39	0.07	0.55	0.42	0.65	0.32	5.26
ER-09	L150W	INCL	75.00	83.00	8.00	0.45	0.97	0.05	0.40	0.30	0.47	0.21	3.60
ER-10	L150W	AVG	4.30	10.30	6.00	0.33	0.62	0.04	0.29	0.16	0.30	0.16	2.30
ER-10	L150W	AVG	23.00	42.60	19.60	0.48	1.07	0.06	0.42	0.30	0.52	0.25	3.89
ER-10	L150W	INCL	30.50	42.60	12.10	0.62	1.39	0.08	0.54	0.39	0.67	0.32	5.12
ER-11	L650W	AVG	8.70	18.30	9.60	0.62	1.34	0.08	0.54	0.38	0.68	0.29	2.81
ER-11	L650W	AVG	61.20	64.30	3.10	0.52	1.25	0.08	0.44	0.34	0.65	0.26	0.86
ER-12	L650W	AVG	10.00	26.20	16.20	0.53	1.33	0.07	0.45	0.39	0.66	0.28	2.65
ER-13	L600W	AVG	27.90	40.00	12.10	0.22	0.71	0.02	0.20	0.21	0.33	0.17	1.76
ER-14	L600W	AVG	43.00	53.00	10.00	0.20	0.75	0.02	0.18	0.24	0.34	0.18	1.32
ER-15	L600W	AVG	24.00	39.00	15.00	0.22	0.63	0.03	0.19	0.20	0.29	0.15	1.55
ER-16	L300E	AVG	66.00	75.50	9.50	0.47	0.90	0.07	0.39	0.25	0.42	0.23	3.41
ER-16	L300E	AVG	90.00	102.00	12.00	0.40	0.73	0.05	0.35	0.20	0.34	0.18	3.08
ER-17	L300E	AVG	22.00	35.50	13.50	0.34	0.56	0.06	0.28	0.16	0.26	0.14	1.44
ER-18	L350E	AVG	39.50	44.80	5.30	0.33	0.56	0.05	0.28	0.16	0.26	0.14	2.49
ER-19	L350E	AVG	49.50	94.20	44.70	0.27	0.45	0.03	0.23	0.12	0.22	0.11	2.00
ER-19	L350E	INCL	67.00	74.50	7.50	0.41	0.76	0.05	0.36	0.20	0.37	0.19	3.76

(table continues on next page)

Hole-ID	Section	Type	From	To	Length (m)	Ni+Cu (%)	Pt+Pd+Au (g/t)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Ag (g/t)
ER-20	L450E	AVG	21.50	26.00	4.50	0.30	0.70	0.05	0.25	0.20	0.35	0.15	2.33
ER-21	L250W	NSI	-	-	-	-	-	-	-	-	-	-	-
ER-22	L250W	NSI	-	-	-	-	-	-	-	-	-	-	-
ER-23	L150W	AVG	140.00	186.50	46.50	0.53	1.07	0.07	0.46	0.29	0.54	0.24	4.25
ER-24	L1000E	AVG	44.00	46.00	2.00	0.51	0.65	0.08	0.43	0.18	0.32	0.15	3.90
ER-25	L900E	AVG	88.00	91.00	3.00	0.55	0.57	0.09	0.45	0.15	0.28	0.15	4.00
ER-26	L700E	AVG	4.10	8.50	4.40	0.43	0.19	0.08	0.36	0.05	0.09	0.05	2.85
ER-27	L300E	AVG	36.00	45.00	9.00	0.56	0.81	0.09	0.46	0.23	0.41	0.17	4.29
ER-27	L300E	AVG	51.00	58.00	7.00	0.42	0.53	0.06	0.35	0.15	0.26	0.12	3.60
ER-28	L300E	AVG	45.00	52.00	7.00	0.54	1.00	0.10	0.44	0.29	0.50	0.22	4.26
ER-29	L300E	NSI	-	-	-	-	-	-	-	-	-	-	-
ER-30	L250E	NSI	-	-	-	-	-	-	-	-	-	-	-
ER-31	L250E	AVG	86.00	89.00	3.00	0.43	0.70	0.10	0.33	0.21	0.38	0.11	2.60
ER-32	L250E	AVG	42.20	43.60	1.40	0.51	0.70	0.09	0.42	0.20	0.34	0.16	4.00
ER-32	L200E	AVG	101.80	107.80	6.00	0.27	0.57	0.04	0.23	0.18	0.28	0.12	2.07
ER-33	L250E	AVG	48.00	55.00	7.00	0.44	0.72	0.05	0.39	0.21	0.36	0.15	3.51
ER-34	L250E	NSI	-	-	-	-	-	-	-	-	-	-	-
ER-35	L250E	NSI	-	-	-	-	-	-	-	-	-	-	-
ER-36	L250E	AVG	44.50	47.80	3.30	0.72	0.95	0.14	0.57	0.26	0.47	0.22	5.33
ER-37	L250E	NSI	-	-	-	-	-	-	-	-	-	-	-
ER-38	L200W	AVG	15.70	34.00	18.30	0.49	0.93	0.07	0.43	0.27	0.45	0.21	3.93
ER-39	L200W	AVG	15.00	59.30	44.30	0.56	1.01	0.08	0.49	0.29	0.49	0.23	4.42
ER-40	L250W	NSI	-	-	-	-	-	-	-	-	-	-	-
ER-41	L300W	AVG	25.50	38.00	12.50	0.35	0.57	0.05	0.30	0.16	0.29	0.13	2.58
ER-42	L300W	AVG	39.00	51.00	12.00	0.42	0.93	0.06	0.36	0.28	0.46	0.20	3.20
ER-43	L350W	AVG	37.50	42.50	5.00	0.26	0.43	0.04	0.22	0.10	0.22	0.11	1.92
ER-44	L400W	AVG	20.00	28.20	8.20	0.49	0.95	0.06	0.42	0.25	0.48	0.21	3.63
ER-45	L400W	AVG	24.00	32.50	8.50	0.47	0.84	0.06	0.41	0.22	0.43	0.18	3.44
ER-46	L450E	AVG	50.00	58.00	8.00	0.27	0.38	0.04	0.22	0.10	0.19	0.10	1.78

2007 TO 2008

In 2007, drilling was re-initiated by WGM consulting firm with three deeper holes testing the well mineralized middle portion of the main Campbell Zone. Results from this program were positive and were followed-up by a more comprehensive program in 2008 designed to extend the sulphides to the south east. Fourteen holes were completed in 2008; the first eight holes intersected mineralization however the last five holes, testing the most south-east portion of the Zone at depth, did not intersect any appreciable mineralization. This is possibly a result of a late fault and/or a series of late dykes off-setting and displacing the sulphides (Tables 10.7 and 10.8).

Table 10.7 2007 - 2008 Drill Collars

Hole Number	UTM East	UTM North	Elevation (m)	Length (m)	Dip (°)	Azimuth (°)	Collar Located in Field	Start Date
ER07-47	524964	5450780	423	341	-71	36	Y	15-Nov-07
ER07-48	525103	5450633	425	250.6	-50	41	Y	24-Nov-07
ER07-49	525102	5450633	425	326	-74	33	Y	24-Nov-07
ER08-01	524982	5450725	427	142.3	-52	45	Y	26-Jul-08
ER08-01A	524983	5450725	427	297	-65	42	N	11-Aug-08
ER08-02	524983	5450725	427	217.3	-51	45	N	15-Aug-08
ER08-03	525054	5450729	423	180	-51	42	Y	23-Aug-08
ER08-04	525054	5450728	423	321	-83	42	Y	24-Aug-08
ER08-05	525084	5450686	424	219	-57	40	Y	28-Aug-08
ER08-06	525083	5450686	424	276	-80	40	Y	1-Sep-08
ER08-07	525151	5450611	427	231	-56	37	Y	5-Sep-08
ER08-08	525197	5450571	428	234	-56	42	Y	9-Sep-08
ER08-09	525333	5450506	416	235	-53	38	Y	22-Sep-08
ER08-10	525333	5450506	416	219	-80	38	Y	24-Sep-08
ER08-11	525294	5450541	418	213	-53	39	N	26-Sep-08
ER08-12	525294	5450541	418	216	-74	39	Y	28-Sep-08
ER08-13	525247	5450558	422	219	-50	39	Y	30-Sep-08

Table 10.8 2007 - 2008 Drill Results

Hole-ID	Section	Type	From	To	Length (m)	Ni+Cu (%)	Pt+Pd+Au (g/t)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Ag (g/t)
ER07-47	L100E	AVG	125.50	202.50	77.00	0.40	0.66	0.06	0.35	0.18	0.33	0.15	3.95
ER07-47	L100E	INCL	174.50	197.50	23.00	0.61	1.04	0.08	0.53	0.29	0.50	0.25	5.73
ER07-48	L100E	AVG	110.50	125.50	15.00	0.64	1.11	0.09	0.55	0.32	0.54	0.25	6.47
ER07-48	L100E	INCL	112.50	121.50	9.00	0.84	1.45	0.13	0.71	0.42	0.71	0.32	8.03
ER07-48	L100E	AVG	130.50	132.50	2.00	0.53	0.98	0.07	0.46	0.27	0.48	0.23	5.70
ER07-49	L100E	AVG	148.00	152.00	4.00	0.51	1.46	0.06	0.45	0.44	0.69	0.33	2.90
ER07-49	L100E	AVG	170.00	176.00	6.00	0.65	1.58	0.11	0.54	0.45	0.75	0.39	5.03
ER08-01	L050W	NSI	-	-	-	-	-	-	-	-	-	-	-
ER08-01A	L050W	AVG	157.00	167.20	10.20	0.55	1.03	0.07	0.48	0.30	0.50	0.24	3.89
ER08-01A	L050W	AVG	226.00	275.00	49.00	0.32	0.66	0.04	0.28	0.19	0.32	0.15	2.01
ER08-01A	L050W	INCL	243.00	252.00	9.00	0.44	0.93	0.05	0.39	0.29	0.43	0.21	2.77
ER08-02	L000	AVG	139.00	147.00	8.00	0.84	1.49	0.11	0.73	0.44	0.70	0.34	6.01
ER08-03	L000	AVG	90.00	101.00	11.00	0.79	1.54	0.11	0.68	0.44	0.77	0.33	5.54
ER08-03	L000	AVG	110.20	112.00	1.80	0.52	0.92	0.08	0.45	0.26	0.45	0.21	3.52
ER08-03	L000	AVG	120.00	160.00	40.00	0.24	0.43	0.03	0.21	0.12	0.21	0.09	1.44
ER08-04	L000	AVG	145.00	149.00	4.00	0.60	0.83	0.07	0.54	0.23	0.41	0.19	4.25
ER08-04	L000	AVG	236.00	283.00	47.00	0.16	0.28	0.02	0.13	0.08	0.14	0.06	0.96
ER08-04	L000	INCL	280.00	283.00	3.00	0.50	1.21	0.07	0.43	0.35	0.58	0.28	3.57
ER08-05	L050E	AVG	107.10	116.00	8.90	0.78	1.18	0.13	0.65	0.31	0.60	0.27	5.76
ER08-06	L050E	AVG	164.00	166.00	2.00	0.65	0.93	0.08	0.58	0.24	0.48	0.22	5.05
ER08-07	L150E	AVG	118.60	126.60	8.00	0.21	0.40	0.03	0.18	0.11	0.19	0.09	1.65
ER08-08	L200E	NSI	-	-	-	-	-	-	-	-	-	-	-
ER08-09	L350E	NSI	-	-	-	-	-	-	-	-	-	-	-
ER08-10	L350E	AVG	162.00	164.00	2.00	0.19	0.47	0.02	0.17	0.15	0.25	0.07	1.20
ER08-11	L300E	NSI	-	-	-	-	-	-	-	-	-	-	-
ER08-12	L300E	AVG	195.00	197.00	2.00	0.28	0.51	0.03	0.25	0.15	0.26	0.11	1.90
ER08-13	L250E	NSI	-	-	-	-	-	-	-	-	-	-	-

2009

The 2009 program had two primary objectives:

1. To test, with six step-out holes, the strike extension of the sulphide mineralization northwest of L150W.
2. To follow-up, with three holes, the successful results of the 2007-2008 drilling in the central area.

The tabular and predictable nature of the mineralization allowed for testing of the Campbell Zone with relatively aggressive step-outs of 50 to 100 m. The Campbell Zone was tested to a vertical depth of 200 m as part of an assessment of its potential exploitation as an open pit.

All nine holes intersected the Campbell Zone including step-out hole ER-09-19 which hit a 12.0 m interval grading 0.90% Ni + Cu and 1.43 g/t Pt + Pd + Au thus successfully extending the Zone to the northwest where it remains open in two directions. Follow-up holes in the central portion in-fill gaps in the previous drilling as well as extend the Zone to a vertical depth of 250 m below surface (Tables 10.9 and 10.10).

Table 10.9 2009 Drill Collars

Hole Number	UTM East	UTM North	Elevation (m)	Length (m)	Dip (°)	Azimuth (°)	Collar Located in Field	Start Date
ER09-14	524888	5450788	423	264	-50	42	Y	8-Feb-09
ER09-15	524887	5450788	423	324	-80	42	Y	9-Feb-09
ER09-16	524843	5450858	425	244.7	-50	42	Y	13-Feb-09
ER09-17	524842	5450857	425	276	-74	35	Y	16-Feb-09
ER09-18	524758	5450863	425	249	-50	52	Y	19-Feb-09
ER09-19	524756	5450862	425	300	-70	52	Y	22-Feb-09
ER09-20	524999	5450810	423	201	-65	45	Y	24-Feb-09
ER09-21	525033	5450775	423	216	-60	43	Y	26-Feb-09
ER09-22	524936	5450667	423	426	-61	46	Y	28-Feb-09

Table 10.10 2009 Drill Results

Hole-ID	Section	Type	From	To	Length (m)	Ni+Cu (%)	Pt+Pd+Au (g/t)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Ag (g/t)
ER09-14	L200W	AVG	145.00	176.00	31.00	0.56	1.08	0.07	0.49	0.29	0.54	0.25	5.22
ER09-14	L200W	INCL	149.00	164.00	15.00	0.70	1.28	0.09	0.60	0.35	0.64	0.29	6.19
ER09-15	L150W	AVG	205.00	215.00	10.00	0.60	1.14	0.07	0.54	0.32	0.59	0.23	5.51
ER09-16	L250W	AVG	97.00	119.90	22.90	0.27	0.47	0.04	0.24	0.13	0.24	0.10	2.10
ER09-17	L250W	AVG	115.55	125.00	9.45	0.35	0.57	0.05	0.31	0.16	0.28	0.14	2.78
ER09-18	L300W	AVG	126.10	129.10	3.00	0.35	0.48	0.05	0.30	0.12	0.23	0.13	2.63
ER09-19	L300W	AVG	163.10	176.10	13.00	0.87	1.70	0.12	0.75	0.51	0.82	0.38	7.22
ER09-19	L300W	INCL	164.10	169.10	5.00	0.92	2.19	0.11	0.80	0.68	1.02	0.50	7.90
ER09-20	L100W	AVG	65.00	73.00	8.00	0.42	0.72	0.05	0.37	0.21	0.35	0.16	3.91
ER09-20	L100W	AVG	129.00	147.00	18.00	0.24	0.49	0.04	0.21	0.14	0.25	0.10	2.71
ER09-20	L100W	INCL	142.00	147.00	5.00	0.48	0.77	0.06	0.42	0.21	0.39	0.18	4.10
ER09-21	L050W	AVG	74.00	108.00	34.00	0.55	1.30	0.08	0.47	0.39	0.65	0.26	3.82
ER09-21	L050W	INCL	95.00	107.00	12.00	0.69	1.77	0.08	0.61	0.53	0.87	0.36	5.13
ER09-22	L050W	AVG	234.70	240.00	5.30	0.45	0.73	0.05	0.40	0.19	0.37	0.18	3.52
ER09-22	L050W	AVG	267.00	289.00	22.00	0.29	0.69	0.04	0.25	0.20	0.35	0.15	2.28
ER09-22	L050W	INCL	281.00	289.00	8.00	0.57	1.32	0.07	0.49	0.37	0.65	0.29	4.83

2019

The 2019 program primary objective was to infill some data gaps within the Campbell Zone in order to delineate the metal distribution with a near surface area amenable to open pit mining. Table 10.11 provided the collar location of the 2019 program. Table 10.12 summarizes the significant intercepts from the 2019 program. The drill logs for the holes completed in 2019 are found in Appendix A; the assay certificates are found in Appendix B.

Table 10.11 2019 Drill Collars

Hole ID	Collar Location (UTM NAD 83)			Collar Orientation		EOH depth (m)
	Northing	Easting	Elevation (m)	Dip	Azimuth	
ER19-23	5451045	524573	424	-68	42	102
ER19-24	5450997	524620	422	-57	45	141
ER19-25	5450974	524671	422	-62	45	141
ER19-26	5450954	524710	422	-57	48	129
ER19-27	5450882	524806	422	-55	45	170
ER19-28	5450799	524963	423	-61	45	234
ER19-29	5450853	524971	423	-63	45	189
ER19-30	5450645	525133	423	-58	49	153
ER19-31	5450611	525204	428	-50	45	183

Table 10.12 2019 Drill Results

Hole ID	From (m)	To (m)	Length (m)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Co (%)
ER19-23	86.31	87.15	0.84	0.05	0.30	0.245	0.429	0.178	0.000
ER19-24	101.00	108.50	7.50	0.05	0.40	0.323	0.548	0.250	0.006
Includes	*102.91*	*104.10*	*1.19*	*0.09*	*0.63*	*0.478*	*0.847*	*0.411*	*0.009*
	104.10	*105.80*	*1.70*	*0.09*	*0.65*	*0.511*	*0.887*	*0.397*	*0.001*
ER19-24	114.42	119.63	5.21	0.03	0.22	0.157	0.294	0.106	0.006
ER19-25	75.00	85.00	10.00	0.06	0.45	0.398	0.645	0.325	0.006
Includes	*77.00*	*79.00*	*2.00*	*0.09*	*0.59*	*0.605*	*0.927*	*0.498*	*0.009*
	79.00	*81.00*	*2.00*	*0.10*	*0.80*	*0.580*	*0.951*	*0.460*	*0.008*
	83.00	*85.00*	*2.00*	*0.07*	*0.51*	*0.600*	*0.963*	*0.478*	*0.007*
ER19-26	72.00	74.00	2.00	0.03	0.11	0.083	0.192	0.046	0.005
ER19-27	82.00	98.00	16.00	0.04	0.23	0.130	0.238	0.113	0.005
Includes	*92.00*	*94.00*	*2.00*	*0.07*	*0.46*	*0.296*	*0.514*	*0.241*	*0.006*
ER19-28	97.00	131.00	34.00	0.06	0.34	0.281	0.465	0.201	0.006
Includes	*97.00*	*99.00*	*2.00*	*0.04*	*0.30*	*0.152*	*0.258*	*0.116*	*0.006*
	99.00	*101.00*	*2.00*	*0.05*	*0.41*	*0.181*	*0.364*	*0.170*	*0.006*
	101.00	*103.00*	*2.00*	*0.02*	*0.15*	*0.051*	*0.107*	*0.068*	*0.004*
	103.00	*105.00*	*2.00*	*0.03*	*0.16*	*0.070*	*0.109*	*0.058*	*0.006*
	105.00	*107.00*	*2.00*	*0.04*	*0.11*	*0.017*	*0.021*	*0.016*	*0.006*
	107.00	*109.00*	*2.00*	*0.09*	*0.39*	*0.238*	*0.411*	*0.149*	*0.007*
	109.00	*111.00*	*2.00*	*0.08*	*0.37*	*0.343*	*0.602*	*0.229*	*0.007*
	111.00	*113.00*	*2.00*	*0.08*	*0.34*	*0.410*	*0.682*	*0.195*	*0.007*

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Hole ID	From (m)	To (m)	Length (m)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Co (%)
	113.00	*115.00*	*2.00*	*0.10*	*0.56*	*0.469*	*0.752*	*0.356*	*0.008*
	115.00	*117.00*	*2.00*	*0.09*	*0.48*	*0.378*	*0.653*	*0.297*	*0.006*
	117.00	*119.00*	*2.00*	*0.05*	*0.33*	*0.314*	*0.509*	*0.218*	*0.005*
	119.00	*121.00*	*2.00*	*0.05*	*0.38*	*0.350*	*0.569*	*0.249*	*0.005*
	121.00	*123.00*	*2.00*	*0.06*	*0.49*	*0.501*	*0.791*	*0.391*	*0.006*
	123.00	*125.00*	*2.00*	*0.06*	*0.50*	*0.485*	*0.812*	*0.348*	*0.006*
	125.00	*127.00*	*2.00*	*0.06*	*0.49*	*0.491*	*0.774*	*0.315*	*0.006*
	127.00	*129.00*	*2.00*	*0.02*	*0.16*	*0.155*	*0.223*	*0.105*	*0.004*
	129.00	*131.00*	*2.00*	*0.03*	*0.24*	*0.170*	*0.265*	*0.138*	*0.004*
ER19-28	149.00	157.00	8.00	0.06	0.48	0.287	0.491	0.215	0.006
Includes	*149.00*	*151.00*	*2.00*	*0.05*	*0.48*	*0.283*	*0.492*	*0.211*	*0.007*
	151.00	*153.00*	*2.00*	*0.04*	*0.36*	*0.197*	*0.356*	*0.158*	*0.005*
	153.00	*155.00*	*2.00*	*0.05*	*0.45*	*0.253*	*0.456*	*0.202*	*0.006*
	155.00	*157.00*	*2.00*	*0.08*	*0.61*	*0.416*	*0.660*	*0.289*	*0.006*
ER19-29	46.00	102.00	56.00	0.07	0.42	0.272	0.488	0.188	0.006
Includes	*46.00*	*62.00*	*16.00*	*0.06*	*0.32*	*0.164*	*0.291*	*0.121*	*0.005*
including	*46.00*	*48.00*	*2.00*	*0.07*	*0.34*	*0.200*	*0.361*	*0.151*	*0.007*
	48.00	*50.00*	*2.00*	*0.05*	*0.25*	*0.118*	*0.214*	*0.102*	*0.007*
	50.00	*52.00*	*2.00*	*0.05*	*0.39*	*0.199*	*0.353*	*0.170*	*0.007*
	52.00	*54.00*	*2.00*	*0.05*	*0.29*	*0.130*	*0.249*	*0.113*	*0.005*
	54.00	*56.00*	*2.00*	*0.06*	*0.30*	*0.152*	*0.259*	*0.100*	*0.005*
	56.00	*58.00*	*2.00*	*0.09*	*0.47*	*0.215*	*0.389*	*0.162*	*0.006*
	58.00	*60.00*	*2.00*	*0.08*	*0.45*	*0.251*	*0.432*	*0.153*	*0.006*
	60.00	*62.00*	*2.00*	*0.08*	*0.46*	*0.244*	*0.424*	*0.188*	*0.006*
Includes	*68.00*	*98.00*	*20.00*	*0.08*	*0.49*	*0.340*	*0.598*	*0.225*	*0.006*
including	*68.00*	*70.00*	*2.00*	*0.06*	*0.34*	*0.225*	*0.416*	*0.182*	*0.005*
	70.00	*72.00*	*2.00*	*0.09*	*0.58*	*0.459*	*0.783*	*0.335*	*0.007*
	72.00	*74.00*	*2.00*	*0.10*	*0.60*	*0.446*	*0.852*	*0.317*	*0.008*
	74.00	*76.00*	*2.00*	*0.08*	*0.54*	*0.364*	*0.673*	*0.273*	*0.006*
	76.00	*78.00*	*2.00*	*0.08*	*0.59*	*0.378*	*0.737*	*0.305*	*0.007*
	78.00	*80.00*	*2.00*	*0.11*	*0.76*	*0.503*	*0.976*	*0.397*	*0.008*
	80.00	*82.00*	*2.00*	*0.07*	*0.48*	*0.307*	*0.530*	*0.223*	*0.005*
	82.00	*84.00*	*2.00*	*0.05*	*0.33*	*0.206*	*0.355*	*0.152*	*0.004*
	84.00	*86.00*	*2.00*	*0.07*	*0.42*	*0.273*	*0.472*	*0.188*	*0.006*
	86.00	*88.00*	*2.00*	*0.08*	*0.49*	*0.339*	*0.588*	*0.214*	*0.006*
	88.00	*90.00*	*2.00*	*0.11*	*0.68*	*0.451*	*0.780*	*0.309*	*0.008*
	90.00	*92.00*	*2.00*	*0.09*	*0.60*	*0.424*	*0.724*	*0.292*	*0.007*
	92.00	*94.00*	*2.00*	*0.07*	*0.45*	*0.289*	*0.500*	*0.189*	*0.006*
	94.00	*96.00*	*2.00*	*0.06*	*0.42*	*0.300*	*0.526*	*0.187*	*0.005*
	96.00	*98.00*	*2.00*	*0.07*	*0.29*	*0.306*	*0.529*	*0.100*	*0.006*

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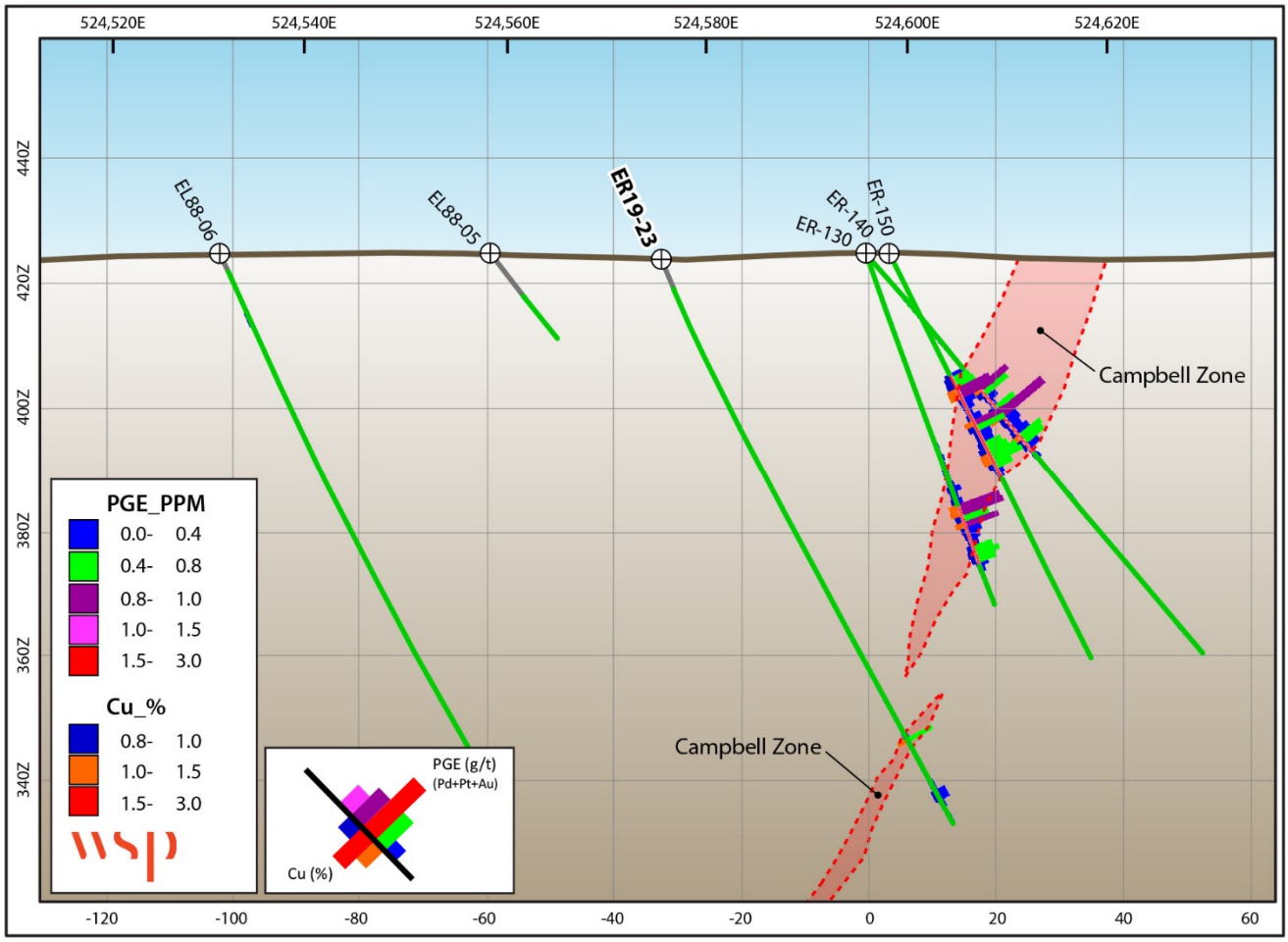
Hole ID	From (m)	To (m)	Length (m)	Ni (%)	Cu (%)	Pt (g/t)	Pd (g/t)	Au (g/t)	Co (%)
ER19-30	91.00	99.00	8.00	0.08	0.42	0.306	0.511	0.236	0.006
Includes	*91.00*	*93.00*	*2.00*	*0.06*	*0.41*	*0.267*	*0.482*	*0.216*	*0.006*
	93.00	*95.00*	*2.00*	*0.11*	*0.65*	*0.496*	*0.834*	*0.390*	*0.007*
	95.00	*97.00*	*2.00*	*0.09*	*0.41*	*0.318*	*0.521*	*0.242*	*0.006*
	97.00	*99.00*	*2.00*	*0.04*	*0.19*	*0.144*	*0.208*	*0.097*	*0.004*
ER19-30	133.00	141.00	8.00	0.05	0.23	0.187	0.304	0.108	0.005
Includes	*133.00*	*135.00*	*2.00*	*0.07*	*0.20*	*0.203*	*0.292*	*0.034*	*0.007*
	135.00	*137.00*	*2.00*	*0.03*	*0.13*	*0.095*	*0.172*	*0.085*	*0.003*
	137.00	*139.00*	*2.00*	*0.04*	*0.24*	*0.187*	*0.305*	*0.121*	*0.005*
	139.00	*141.00*	*2.00*	*0.06*	*0.33*	*0.262*	*0.448*	*0.191*	*0.005*
ER19-31	86.00	90.00	4.00	0.08	0.42	0.172	0.327	0.147	0.005
Includes	*86.00*	*88.00*	*2.00*	*0.04*	*0.29*	*0.117*	*0.222*	*0.099*	*0.004*
	88.00	*90.00*	*2.00*	*0.12*	*0.55*	*0.227*	*0.431*	*0.195*	*0.005*

ER19-23

The drillhole tested down dip of a series of holes ER13 to ER15 at the western end of the Campbell Zone (Figure 10.3).

The hole intersected leucogabbro with only weak mineralization. Based on the change in the thickness of the mineralization and the depth the mineralization was intersecting in ER19-23, there appears to be a fault and rotation in the target unit.

Figure 10.3 ER19-23 Cross Section

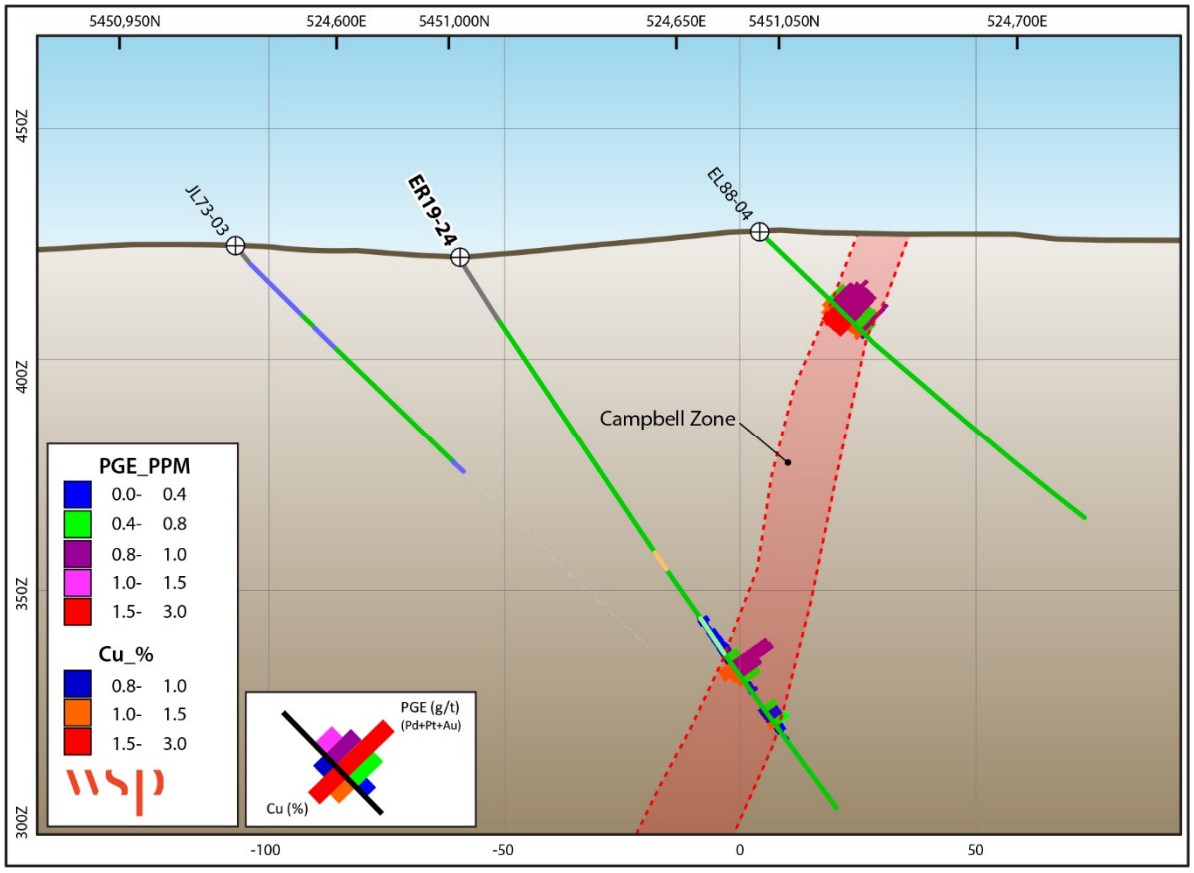


ER19-24

The drillhole tested down dip of hole ER88-04, approximately 80 m from the western end of the Campbell Zone (Figure 10.4).

The hole intersected approximately 30 m of leucogabbronorite cumulate and leucogabbronorite between 91.8 and 122.4 m and approximately 75 m downdip below ER88-04. This unit show good geology and grade continuity on this section.

Figure 10.4 ER19-24 Cross Section

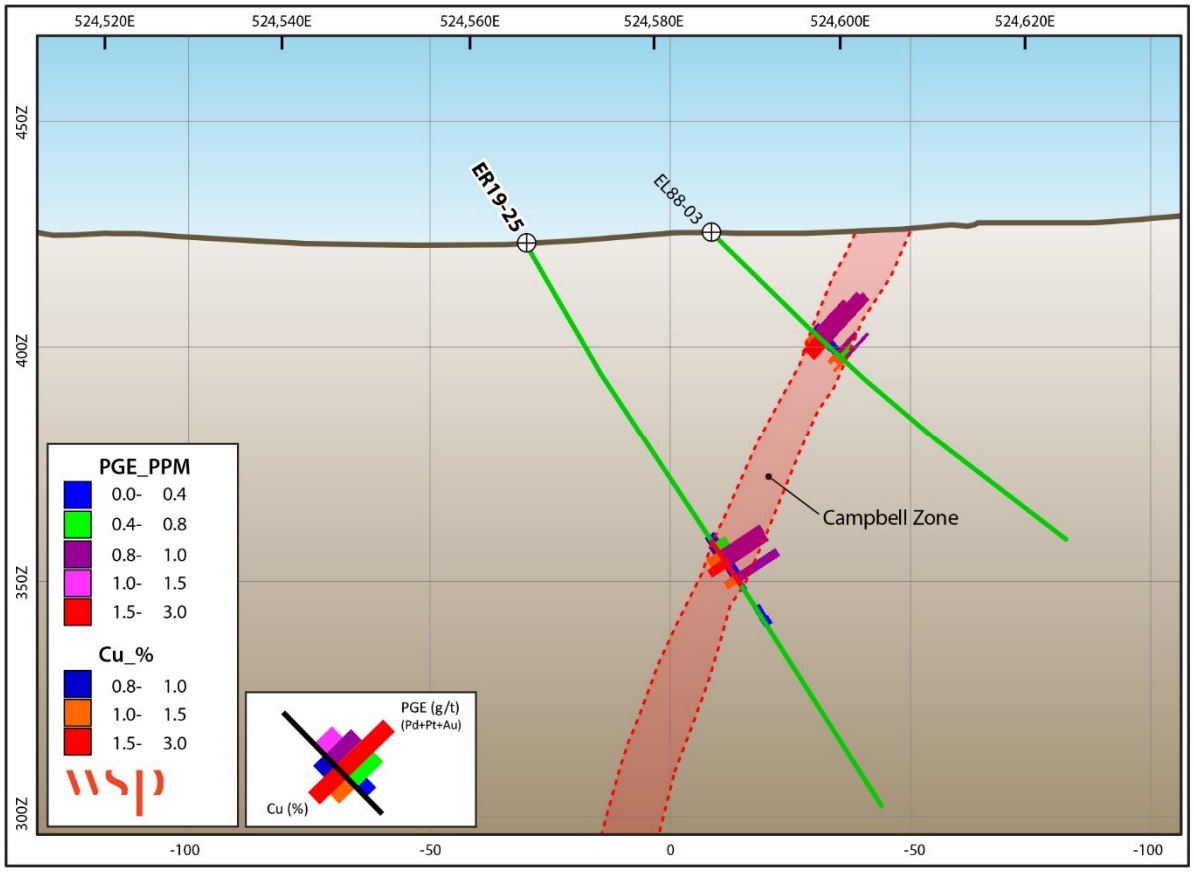


ER19-25

The drillhole tested down dip of hole ER88-03, approximately 100 m east of ER19-24 at the western end of the Campbell Zone (Figure 10.5).

The hole intersected 10 m of leucogabbronorite with elevated PGE grades. The unit show good continuity on the section with the hole above.

Figure 10.5 ER19-25 Cross Section

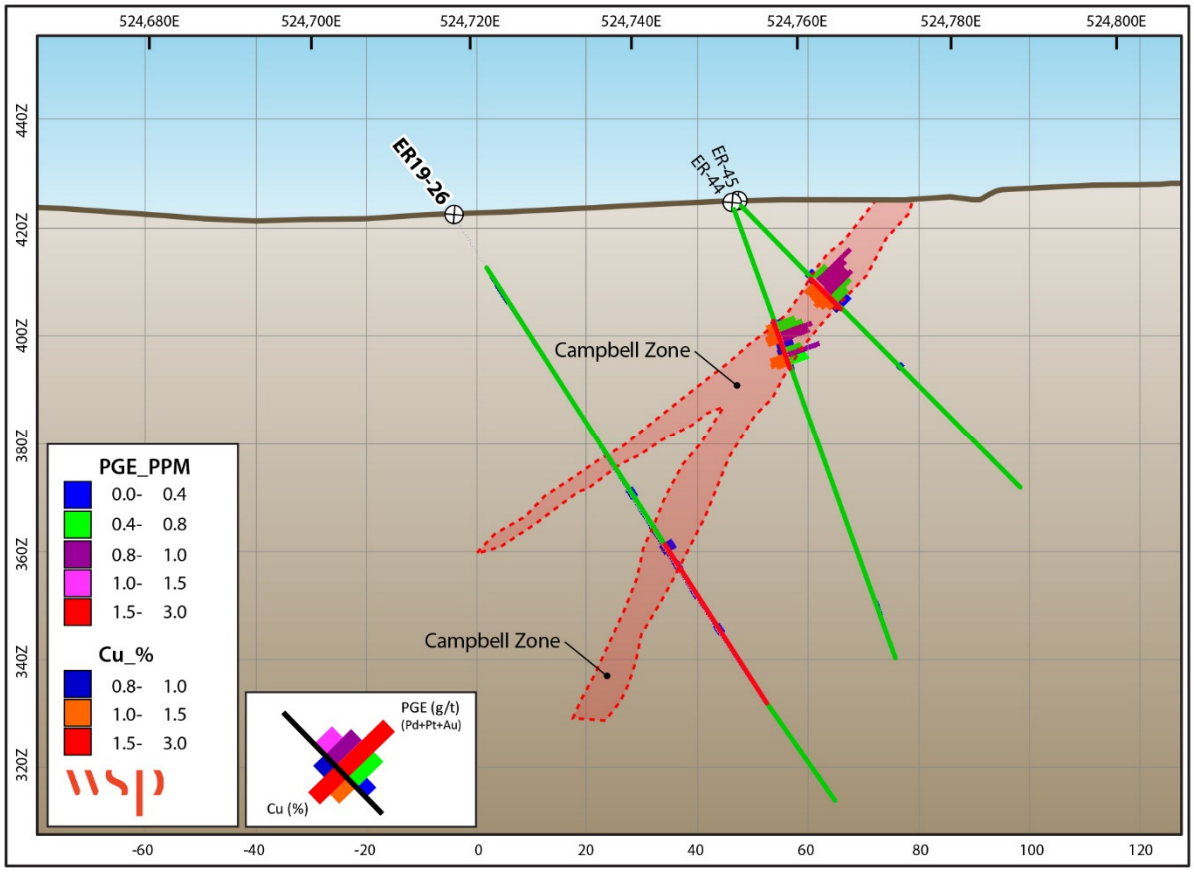


ER19-26

The drillhole tested down dip of holes ER-44 and ER-45 by approximately 40 m east of ER19-25 at the western end of the Campbell Zone (Figure 10.6).

The hole intersected on anomalous mineralization at 72 to 74 m. From the geology, there appears to be a bifurcation of the leucogabbronorite cumulate unit and the dip of the unit is shallower compared to other sections.

Figure 10.6 ER19-26 Cross Section

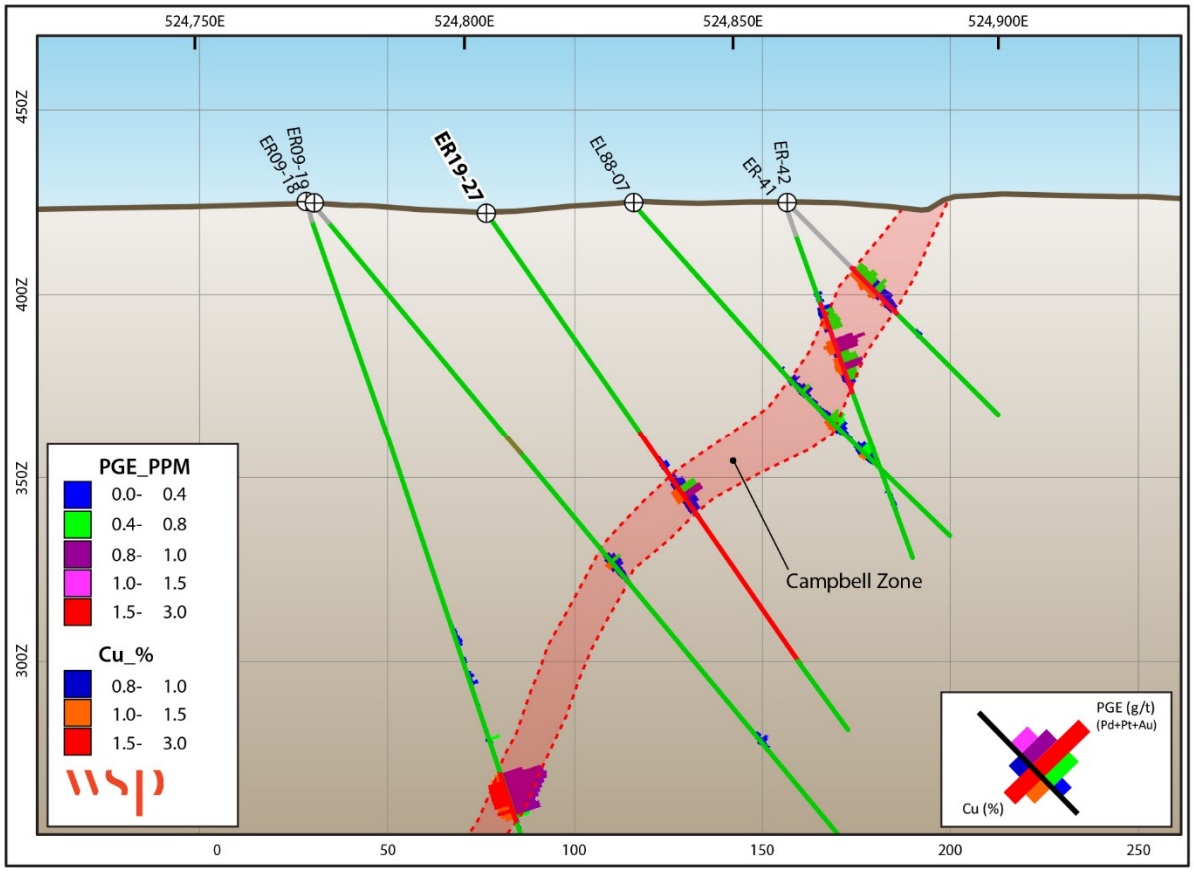


ER19-27

The drillhole tested between holes ER88-07 and ER09-18 at the Campbell Zone (Figure 10.7).

The hole intersected 76 m of leucogabbronorite cumulate which included 16 m of elevated PGE and copper. The interval matches the geology on the section and confirms the continuity of the unit and the mineralization.

Figure 10.7 ER19-27 Cross Section

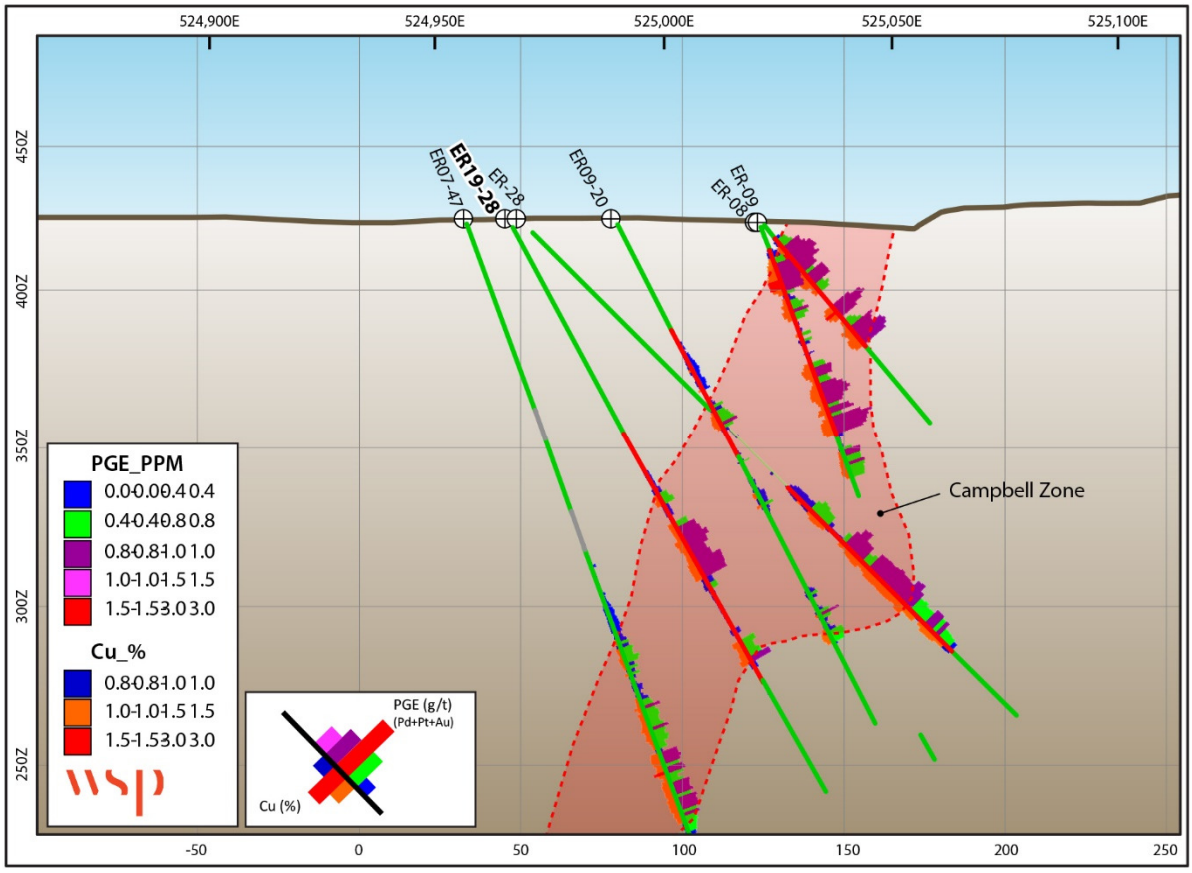


ER19-28

The drillhole tested between holes ER-23 and ER07-47 in the central portion of the Campbell Zone (Figure 10.8).

The hole intersected a mix of leucogabbronorite and leucogabbronorite cumulate from 75.8 to 231.6 m which included elevated PGE and copper mineralization. The hole confirms the geology and grade continuity on the section.

Figure 10.8 ER19-28 Cross-Section

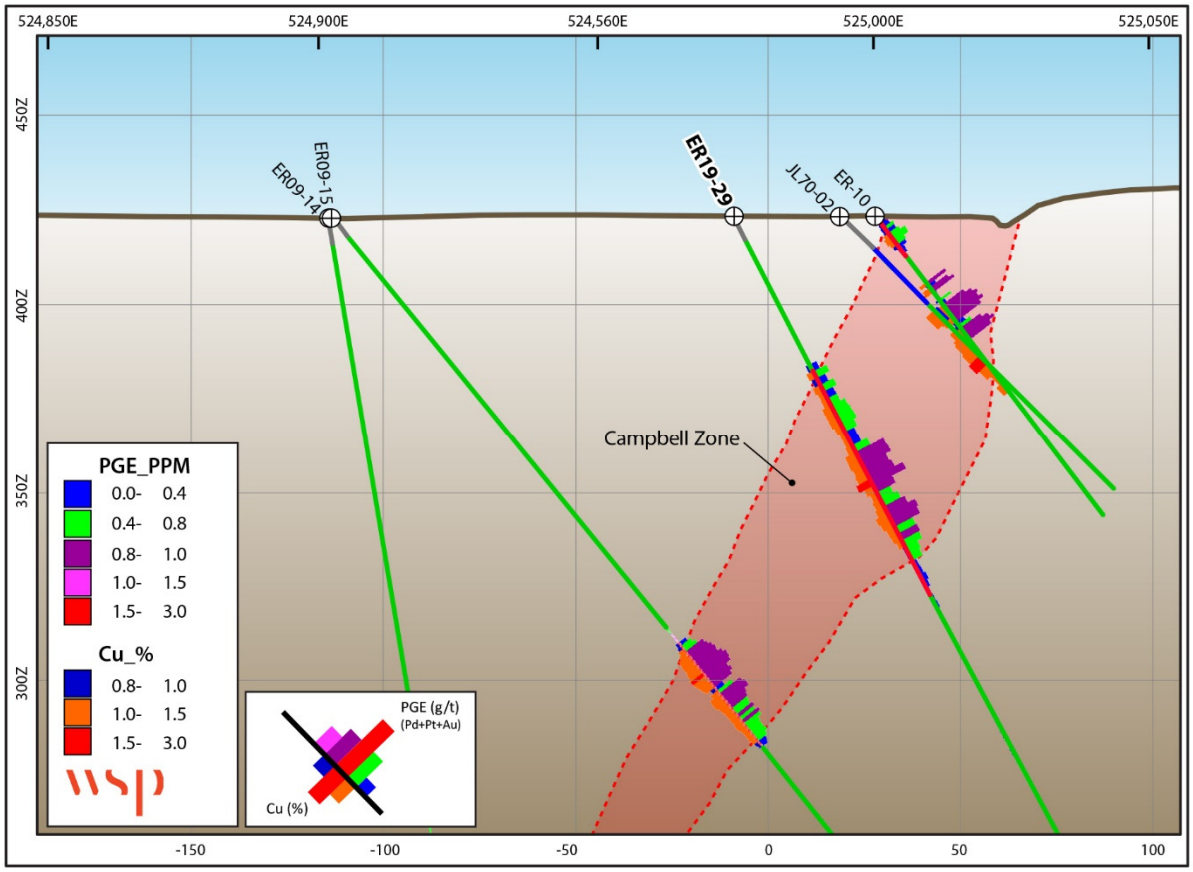


ER19-29

The drillhole tested between holes ER-10 and JL70-02 and ER09-14 in the central portion of the Campbell Zone (Figure 10.9).

The hole intersected 65 m of leucogabbronorite with 56 m of the interval elevated in PGA and copper mineralization. The hole confirms the geology and grade continuity on the section.

Figure 10.9 ER19-29 Cross-Section

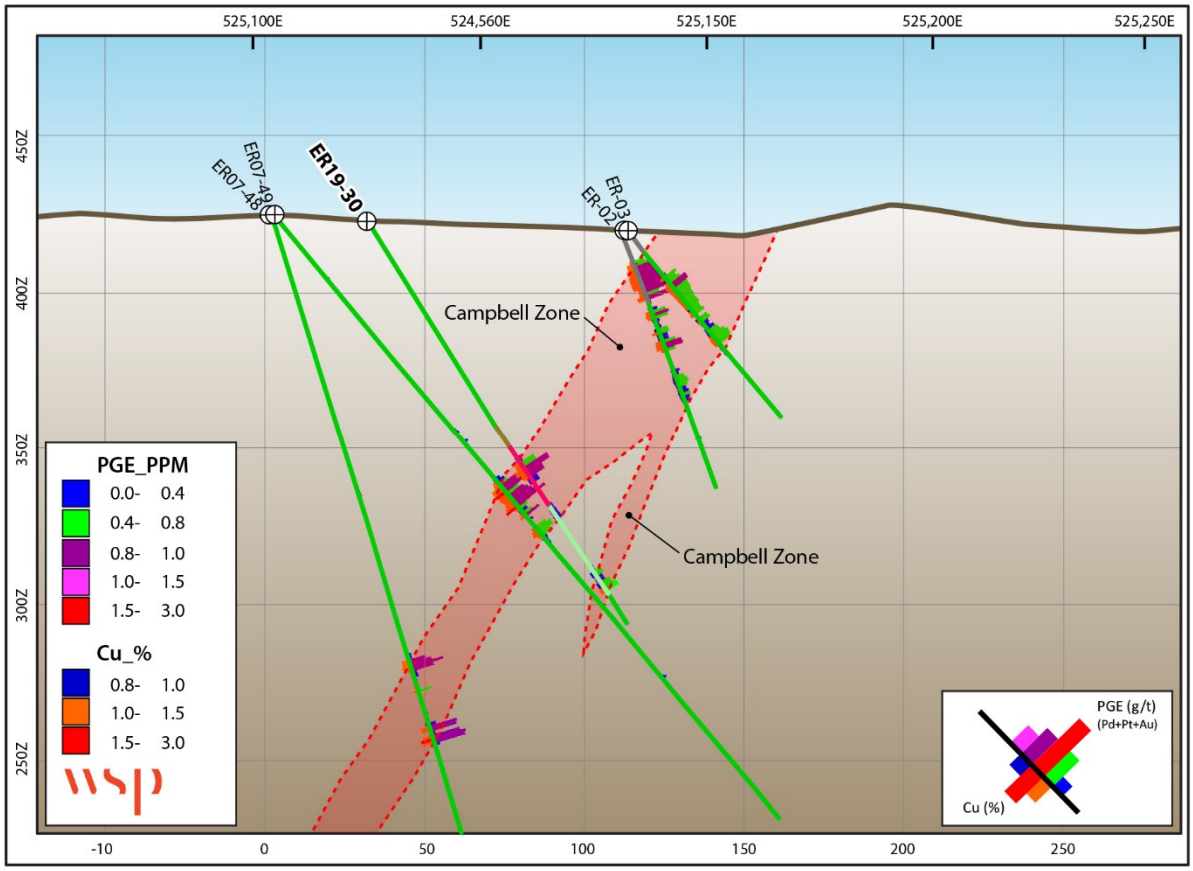


ER19-30

The drillhole tested between holes ER-03 ER07-48 in the eastern portion of the Campbell Zone (Figure 10.10).

The hole intersected two separate intervals of leucogabbronorite and leucogabbronorite cumulate. Both intervals have anomalous PGE and elevated copper. The bifurcation of the host unit is supported by the complexity in the geology further to the east.

Figure 10.10 ER19-30 Cross-Section



ER19-31

The drillhole tested under holes ER08-08 in the eastern portion of the Campbell Zone.

The appearance of melano-gabbronorite in the hole would indicate a change in the magma chamber or the orientation of the host unit of leucogabbronorite and leucogabbronorite cumulate has shifted. The hole is located immediately west of a cross-cutting intermediate dyke, which maybe another reason for the change in geology.

10.2 SURVEYING

10.2.1 COLLAR SURVEY

Diamond drillhole collar locations were physically marked and flagged prior to drilling. The geologists would locate and mark the site based on the cut grid. Drill collar azimuth was determined by Silva compass and verified by line of sight. The geologist would verify the orientation of the drill once set-up was completed.

Casings were left in some of the holes and an aluminum cap was screwed in place with the drillhole identification engraved on the top of the cap. In June 2009, a three-day program was completed to locate and record, using a GPS, the collar coordinates for all of the exposed drill casings.

In 2017, Champion Bear verified 67 of the holes using a hand-held GPS.

In 2019, Champion Bear verified the 9 holes drilled in 2019 using a hand-held GPS.

10.2.2 DOWNHOLE SURVEY

Downhole orientation surveys were completed by a variety of methods depending on the campaign. Table 10.13 summarizes the various methods used during the campaigns.

The first reading was taken at least 6 m past the end of the casing and then at an interval of approximately 50 m until the end of the hole. Acid tests and Pajari were read by the geologist. In the case of a Flexi or EZ-Shot, the readings were recorded by the driller and included the depth, azimuth (magnetic north), inclination, magnetic tool face angle, magnetic field strength, and temperature.

Table 10.13 Summary of Downhole Survey

Survey Type	Year	Number of Survey Record
Acid Test	1994 - 1995	165
Pajari	1995	6
Flexi	2005	59
EZ-Shot	2006 – 2007 2019	185 40

10.2.3 WEDGE HOLES

A total of five wedge holes were completed over the five phases. Two holes in 1994 (PF-31W1 and PF-34W1) and three in 2007 (PF07-119-W1, PF07-119-W2, and PF-119-W3).

There is no description of the methodology in any of the drill reports available on how the wedges were installed. Wedging was a fairly common practice in the 1980 to 2000s. Upon completion of a parent hole, a steel wedge would be placed down the hole at the desired depth. The steel wedge would force the drill bit to deflect about 1 degree of dip off the parent hole to create a branch hole (wedge hole).

10.3 CORE LOGGING PROCEDURE

The following is a summary of the Eagle Rock logging procedure.

- Sample security and chain of custody started with the removal of core from the core tube and boxing of drillcore at the drill site.
- The boxed core remained under the custody of the drill contractor until it was transported from the drill to the secure onsite Core Facility by either the drill contractor or one of Champion Bear's designated personnel.
- At the onsite Core Facility, core boxes were opened and inspected to ensure correct boxing and labeling of the core by the drill contractor.

- The company geologists logged the core, and then marked and tagged it for sampling and splitting.
- Minimum sample unit was 0.3 m; maximum sample length was 2.0 m. Variations from a standard length of 1.0 m were often necessary to accommodate variations in pegmatite zonation and lithology.
- Each core sample was assigned a tag with a unique identifying number.

11 SAMPLE PREPARATION, ANALYSES, AND SECURITY

11.1 CORE SAMPLING APPROACH

The following is a summary of the Champion Bear sampling procedure.

- Sample lengths were typically one metre, but would vary somewhat depending on zone mineralogy and boundaries.
- Core marked for sampling was sawn using a diamond core saw with a jig to assure the core was cut lengthwise into equal halves.
- Half of the cut core was placed in clean individual plastic bags with the appropriate sample tag.
- The samples were then placed in rice bags for shipment to an analytical laboratory for quantitative analysis of select elements.
- The remaining half of the core was retained and incorporated into Champion Bear's secure core library.

11.2 HISTORICAL PROGRAMS

Sampling methods and approach for the historic drill programs completed by Noranda (1970-1974) and BP-Selco (1988) were not reported. Assay certificates for results reported in the drill logs are not available and the location of the drill core is not known. It appears that no QA/QC program was in place at the time of this work.

WSP is not aware of the sample preparation, assay, analysis, and security procedures used during the historic drilling programs conducted between 1970 and 1988 by Noranda and BP-Selco.

11.3 CHAMPION BEAR

11.3.1 1999 TO 2001 DRILL PROGRAM

The 1999-2001 drilling program conducted by Champion Bear did not report any sampling method and approach. The program was managed and supervised by company Exploration Manager Tony Pryslak, and the core was logged by Tony Pryslak and Company Senior Geologist Seymour Sears. The drill logs are detailed and complete. Copies of the original assay certificates were recently retrieved from TSL Laboratories (TSL) in Saskatoon, Saskatchewan and were incorporated into the drillhole database. The drill core for all 49 holes is stored at Champion Bear's core facility on the Plomp Farm property located in Aubrey Township 20 km west of the city of Dryden, Ontario.

A review of the original drill logs showed that, for each hole, sampling was discreetly confined to the mineralized portions. The core was commonly sampled on regular 1 m intervals through each sulphide zone. In 2005, WGM completed re-logging of the mineralized portions in 41 of the holes, and where required, took additional samples to ensure sufficient and complete sample data through each of the mineralized intervals. No QA/QC method or approach was reported as part of the WGM re-logging and sampling program.

For the 1999-2001 drill program, all samples were submitted to TSL in Saskatoon, Saskatchewan. Sample preparation procedures, assaying, and security procedures were not reported by Champion Bear.

Established in 1987, TSL has qualified for the Certificate of Laboratory Proficiency since the program's inception in 1997 and is accredited with the Standards Council of Canada since 2004 and conforms to requirements of ISO/IEC Standard 17025.

Copies of the original assay certificates were recently retrieved from TSL. The certificates provide information on sample preparation size fractions (crush, rifle, and pulverize), analytical methods (fire assay, wet geochemical), sample weight (i.e. 30 g fire assay for gold), finishes (atomic absorption; gravimetric), acids (HCL-$HCNO_3$), and upper and lower detection limits used for each element analyzed. Gold, platinum, and palladium were analyzed by a 30 g fire assay with an Atomic Absorption finish (FA/AA). Silver, nickel, copper, and cobalt (1 g sample) were analyzed using a two-acid geochemical digestion, and if the result was above detection limit (5,000 ppm for copper), then the sample was re-analyzed using a higher calibration two-acid geochemical digestion method.

In 2005 and 2007, WGM completed re-logging and sampling of 41 of the 49 holes drilled between 1999 and 2001. All samples were submitted to Activation Laboratories Limited (ActLabs) in Ancaster, Ontario.

11.3.2 2007 TO 2008 DRILL PROGRAM

The 2007-2008 drill program completed by Champion Bear was conducted by the geological consulting firm WGM of Toronto. The programs were overseen by WGM President Joe Hinzer, P.Geo. and supervised by senior geologist John Smolen P.Geo., and the core logged by geologist Shadi Morton, GIT. The core was logged and processed at Champion Bear's new and upgraded Plomp Farm core facility. The drill logs are detailed and complete, however no final report for this drilling was submitted by WGM, thus no record of the QA/QC program is documented. Copies of the original assay certificates were available and this data has been incorporated into the drillhole database. The drill core is stored at Champion Bear's Plomp Farm core facility located in Aubrey Township 20 km west of the city of Dryden, Ontario.

A review of the original drill logs showed that, for each hole, sampling was most commonly completed on very regular 1 m intervals through each of the mineralized zones. The drill logs indicate that blanks were inserted, sometimes as regularly as every 10^{th} sample, as part of the sampling procedure of the mineralized zones.

For the 2007 to 2008 drill program, all samples were submitted to ActLabs in Ancaster, Ontario. Sample preparation procedures, assaying, and security procedures were not reported by WGM.

ActLabs was established in 1987, and holds numerous accreditations including Standards Council of Canada, and ISO/IEC Standard 17025 (including CAN-P-1579 Mineral Analysis), and participates in proficiency testing programs such as CANMET's PTP-MAL.

Copies of the original assay certificates for the drill core samples provide information on the analytical methods used as well as results of all internal standards, blanks, and duplicates. A review of one certificate (A07-6195 dated November 29, 2007) containing results for 113 drill core samples showed that ActLabs included 39 internal standards, 13 duplicates, and 13 internal blanks as part of their internal QA/QC procedure.

Gold, platinum, and palladium were analyzed by a fire assay with an inductively coupled plasma/mass spectrometry (ICP/MS) finish (ActLabs analytical code "1C- EXP2"). Other metals, including nickel, copper, cobalt, silver, lead, zinc, and sulphur were analyzed by a four-acid geochemical near-total geochemical method (ActLabs analytical code "1F").

11.3.3 2009 DRILL PROGRAM

The 2009 drill program completed by Champion Bear was managed and supervised by consulting geologist Rob Foy, P.Geo., and the core logged by Rob Foy and geologist Vince Scime. The core was logged and processed at Champion Bear's new and upgraded Plomp Farm core facility. The sampling method is described by Rob Foy as follows:

- Drill core boxes collected each morning and delivered to the core facility by Champion Bear workers.
- Core boxes are opened, brief inspection of mineralization, core quality, accuracy and continuity of footage markers, then racked in sequence.
- Within 24 hours, the geologist completes detail logs of the core directly into the drill logging software "X_Logger" located in the core shed on a laptop computer. Sample from / to intervals are recorded in three places: on the drill core marked using a red wax pencil, in the ticket book; and immediately entered on-site into the X_Logger software.
- Sample Intervals range from 0.3 m to 1.5 m; and 1.0 m sample lengths were used as a default length through mineralized sections. Two sample tickets are placed under the drill core at the start of each sample. When the sample is cut, one ticket is placed into the sample bag and the other is placed in the sample bag with the samples. Sample intervals do not cross lithological boundaries.
- For each hole, the geologist selects three random samples to send as duplicates as part of the QA/QC procedure.
- The core technician collects the core and cuts the core in equal halves initially placing both halves back into the core box. Sample bags are prepared with the sample number written on the outside of each bag and half the sample is then placed with one ticket in the bag, the other ticket is stapled in the core box at the start of the sample.
- Samples are secured in rice bags and shipped by a bonded carrier to Thunder Bay, Ontario for analysis at ActLabs for sample preparation, and pulps are sent to the Ancaster, Ontario laboratory for analysis.
- The core is stored indoors on core racks in the core shed building or secure shipping container. The core facility is fenced, barb-wired, and gated.
- The pulps are stored at the ActLabs facility in Ancaster, Ontario.

For the 2009 drill program, all samples were shipped by bonded carrier to ActLabs' facility in Thunder Bay, Ontario for sample preparation, and pulps were forwarded to ActLabs in Ancaster, Ontario for analysis. The security protocols are described by Rob Foy, as follows:

- In the core cutting room, immediately after the sample is cut, the sample is placed into the sample bag with the correct sample ticket. The sample number on the sample bag is verified with the sample ticket just before the core and sample ticket are placed into the bag.
- The sample bag is immediately rolled up with the sample number visible on the bag. The bag is sealed with duct tape without obscuring the sample number written on the bag.
- The sample bags are placed and temporarily kept and placed in numeric order on a work bench in the core shed.
- The samples are checked by the geologist, then placed in rice bags, labelled, and recorded. The geologist completes a sample submission form and a copy is placed in Bag 1, then each bag is closed with secure tie wraps. The geologist delivers the rice bags to the bonded carrier in Dryden for shipping to the Thunder Bay preparation laboratory.
- The geologist emails a copy of the sample submission form to the laboratory. The form provides information including the date and number of rice bags shipped, all sample numbers, analytical codes, and, importantly, to whom the assay results should be forwarded.

Laboratory sample preparations are described as follows:

- Upon arrival at the sample preparation facility, the samples are removed and sorted in order by sample number, checked against the submission form in Bag 1, and entered into the Laboratory Information Management System (LIMS).
- Samples are completely dried, then placed through the jaw crusher.
- An off-take of 250 g is removed for pulverizing. The remainder of the sample, the rejects, are packaged for storage.
- The 250 g split is pulverized until 85% passes through the 75 micron mesh.

Gold, platinum, and palladium were analyzed by a fire assay with an ICP/MS finish (ActLabs analytical code “1C-EXP2”). Other metals, including nickel, copper, cobalt, silver, lead, zinc, and sulphur were analyzed by a four-acid geochemical near-total geochemical method (ActLabs analytical code “1F”).

In addition, six selected samples from each hole as part of the 2009 program were also analyzed for total sulphur by infrared gas spectroscopy (IR) and for SG determinations by gravimetric methods.

11.3.4 2011 LITHOGEOCHEMICAL PROGRAM

In June and July 2011, Bjorkman Prospecting conducted lithogeochemical sampling of the Property for Champion Bear. The objective of the program was two-fold:

1. To follow up on known sulphide occurrences on the west side of the Property, in the head of the Entwine Lake intrusion.
2. To identify any favourable mineralization within the eastern tail.

The sampling method for the western side of the Property investigated favourable locations and involved sampling of prospective rock types, particularly the gabbro/diorite phase of the intrusion known to host the Campbell Zone sulphides and other occurrences. Samples of other rock types, such as monzonite, monzodiorite and quartz monzonite, were occasionally taken. All types of rock were taken if sulphides were noted by the prospecting teams. The sampling method in the eastern tail was more methodical. Traverses spaced ~1 km apart were made across the geology, and samples were taken every 75 to 100 m regardless of rock type and sulphide content.

Samples were transported to the ActLabs' prep lab in Dryden by the field team members. This was done to correspond to supply and field break trips and not at specific intervals. Five standards were inserted into the final batch of samples and are labelled as standards in the Eagle Rock surface sample database.

The monthly drill reports and drill program summary report do not describe the sample preparation and analysis process in detail. The QP has access to all the assay certificates on the Project. The certificates have been recovered from ALS Minerals and Actlabs following a data request. Both ALS and Actlabs are accredited facilities. At the time the Project was active, ALS was called Bondar-Clegg. Each assay certificate lists a series of preparation and analysis codes. The QP accessed the laboratory's websites and queried the codes to determine the procedures.

11.3.5 2019 DRILL PROGRAM

The 2019 drill program completed by Champion Bear was managed and supervised by consulting geologist Todd McCracken, P.Geo., and the core logged by Todd McCracken and geologist Ethan Beardy. The core was logged and processed at Champion Bear's new and upgraded Plomp Farm core facility. The sampling method is as follows:

- Drill core boxes collected each morning and delivered to the core facility by Champion Bear workers.
- Core boxes are opened, brief inspection of mineralization, core quality, accuracy and continuity of footage markers, then racked in sequence.
- The geologist completes detail logs of the core directly into the drill logging laptop using Excel software located in the core shed. Sample from / to intervals are recorded in three places: on the drill core marked using a red wax pencil, in the ticket book, and immediately entered into the computer log.
- Sample Intervals range from 0.3 m to 2.0 m, and 1.0 m sample lengths were used as a default length through mineralized sections. Two sample tickets are placed under the drill core at the start of each sample. When the sample is cut, one ticket is placed into the sample bag. with the samples. Sample intervals do not cross lithological boundaries
- For each hole, the geologist selects a QA/QC sample every fifth sample as per the QA/QC procedure.
- The core technician collects the core and cuts the core in equal halves initially placing both halves back into the core box. Sample bags are prepared with the sample number written on the outside of each bag and half the sample is then placed with one ticket in the bag; the other ticket is stapled in the core box at the start of the sample.
- Samples are secured in rice bags and shipped to Dryden, Ontario for sample preparation, and the pulps are sent to the Ancaster, Ontario laboratory for analysis.
- The core is stored indoors on core racks in the core shed building or secure shipping container. The core facility is fenced, barb-wired, and gated.

— The pulps are stored at the ActLabs facility in Ancaster, Ontario.

For the 2019 drill program, all samples were shipped to ActLabs' facility in Dryden, Ontario for sample preparation, and pulps were forward to ActLabs in Ancaster, Ontario for analysis. The security protocols are described as follows:

— In the core cutting room, immediately after the sample is cut, the sample is placed into the sample bag with the correct sample ticket. The sample number on the sample bag is verified with the sample ticket just before the core and sample ticket are placed into the bag.

— The sample bag is immediately rolled up, with the sample number visible on the bag. The bag is sealed with duct tape without obscuring the sample number written on the bag.

— The sample bags are placed and temporarily kept and placed in numeric order on a work bench in the core shed.

— The samples are checked by the geologist, then placed in rice bags, labelled, and recorded. The geologist completes a sample submission form and a copy is placed in Bag 1, then each bag is closed with secure tie wraps. The geologist delivers the rice bags to the bonded carrier in Dryden for shipping to the Thunder Bay preparation laboratory.

— The geologist emails a copy of the sample submission form to the laboratory. The form provides information including the date and number of rice bags shipped, all sample numbers, analytical codes, and, importantly, to whom the assay results should be forwarded.

11.4 LABORATORY SAMPLE PREPARATION

A review of the assay certificate indicated a typical drillcore preparation was used:

— Dry, crush (<5 kg) -8 mesh (2 mm);

— Split (1000 g);

— Pulverize (to -75 µm).

At no time was an employee of Champion Bear involved in the preparation of the samples.

11.5 ANALYTICAL PROCEDURE

Gold, platinum, and palladium was analyzed using fire assay with induced coupled plasma finish (FA/ICP). All other elements used aqua Regia digestion and ICP analysis.

At no time was an employee of Champion Bear involved in the analytical process.

12 INTERPRETATION AND CONCLUSIONS

Based on the review of the available information and observations made during the site visit, the author concludes the following, in no particular order of perceived importance.

- The Property is currently held 100% by Champion Bear.
- The Property is analogous to mineralization associated with a sanukitoid intrusive complex found around the world. The closest similar example to the Property would be the Roaring River and the Shelby Lake intrusion complexes, both located near the Lac-des-Iles Mine complex north of Thunder Bay, Ontario.
- The Property is associated with leucogabbro, leucogabbronorite, leucogabbronorite cumulate, norite, and melano-gabbronorite.
- Champion Bear continues to gain an understanding to the geology of the intrusion.
- Mineralization is currently diamond drill defined in the Campbell Zone over a strike length of approximately 1.2 km.
- Drilling and sampling procedures, sample preparation and assay protocols from the 2009 and later programs are generally conducted in agreement with best practices.
- Drilling programs conducted prior to 2009 do not have well-documented procedures and protocols. Drill logs and assay certificates are available.
- Validation of the drillhole collars, surveys, assays, core, and drillhole logs has not been completed by WSP.
- Based on the QA/QC program conducted by the laboratories and Champion Bear, the data is sufficiently reliable to support the interpretation of the Property.
- The geological understanding is sufficient to support continued exploration on the Property.
- The assay results support continued exploration on the Property.

13 RECOMMENDATIONS

It is WSP's opinion that additional exploration expenditures are warranted. Two separate exploration programs are proposed. Each can be carried out concurrently and independently of each other, and neither is contingent on the results of the other.

13.1 PHASE 1: MINERAL ZONE EXPANSION

Phase 1 is designed to expand the viability of the project; it is recommended that Champion Bear undertake a program that will focus on identifying and delineating the new mineralized zones identified during previous exploration campaigns as well as further the near surface potential at the Campbell Zone. This will entail a mixture of prospecting, geophysics, and diamond drilling.

The exploration program should be designed to address the following objectives:

- Geological compilation of all the geology data on the Property;
- Geophysical compilation of all geophysical data on the Property;
- Conducting magnetic and induced polarization survey in areas targeted by the compilations;
- Continued drilling and trenching on the Campbell Zone;
- Grid line cutting followed by mapping, prospecting, ground magnetic survey and Induced Polarization survey on both the New West Zone and East Lake Area.

This phase of the program has an estimated budget is $802,500. Table 13.1 summarizes the Phase 1 exploration program proposed.

Table 13.1 Phase 1 Exploration Budget

Task	Unit	Unit Rate		Total ($)
Geology compilation	1	30,000.00	/unit	30,000.
Geophysical compilation	1	25,000.00	/unit	25,000.
Magnetic and Induced polarization survey on new targets	15	2,000.00	/day	30,000.
Mapping, prospecting, New West Zone and East Lake Area	20	1,000.00	/day	20,000.
Surface trenching, mapping and sampling - Campbell Zone	45	1,500.00	/day	67,500.
Diamond drill - Campbell Zone	2500	200.00	/m	500,000.
Geology management	130	1,000.00	/day	130,000.
TOTAL				**$802,500.**

13.2 PHASE 2: MINERAL ZONE DELINEATION

Phase 2 is designed to delineate the known mineralized zones on the Property through a well-established diamond drill program.

The program should be designed to deal with defining the following:

- Surface trenching, mapping and sampling on new zones identified from Phase 1 program;
- Continued delineation drilling of the Campbell Zone;

- Any structural controls on the mineralization;
- Strike and dip extents of the zones;
- Diamond drilling on new zones following the surface trenching and mapping;
- Metallurgical test program on the Campbell Zone.

This phase of the program has an estimated budget of $1.18 million. Table 13.2 summarizes the Phase 2 exploration budget.

Table 13.2 Phase 2 Exploration Budget

Task	Unit	Unit Rate		Total ($)
Surface trenching, mapping and sampling - New Zones	20	1,500.00	day	30,000.
Diamond drill - Campbell Zone	3000	200.00	/m	600,000.
Diamond drill - New Zones	1500	200.00	/m	300,000.
Metallurgical test	1	150,000.00	/unit	150,000.
Geology management	100	1,000.00	/day	100,000.
TOTAL				**$1,180,000.**

13.3 OTHER RECOMMENDATIONS

The following recommendations are based on observations by WSP. These recommendations are suggestions regarding policies and procedures conducted by Champion Bear.

- Establish a procedure for the collection of specific gravity samples for the various rock types and mineralization styles. The accurate representation of SG for the various rock types will provide a better estimation of the tonnages for both the mineralized and un-mineralized material in any future resource estimation.
- Initiate the collection of geotechnical data from the diamond drill core during the exploration phases. This should be in addition to the typical RQD measures collected during the logging procedure. The collection of the geotechnical data would form the basis for any open pit or underground mine design.
- Identify material to be utilized in any future metallurgical study. The material should focus on a global sample and be properly stored in sealed containers.

14 REFERENCES

- Cabri, L.J., 2003; A Mineralogical and Petrographical Study of Samples from the Eagle Rock Property, Entwine Intrusion, Ontario; Report 2002-06.
- Davis, J.C., 1965; Entwine Lake Area; Ontario Department of Mines, Preliminary Map P.292, scale 1:31680.
- Foy, R.P., 2010; 2009 Diamond Drill Report, Eagle Rock Property, Eagle Rock Lake Area (G-2672), Kenora Mining Division, Ontario, NTS 52F/02 NE.
- Hinzer, J.B. 2007 Assessment Report Geotechnical Report on the Eagle Rock Property.
- Hinzer, J.B., Smolen, J., Morton S., 2008; Geotechnical Assessment Report (July 2007) on the Eagle Rock Property, Eagle Rock Township, Ontario for Champion Bear Resources Ltd, Watts, Griffis and McOuat Limited.
- Iijina, M.J., 2004; Characteristics and Distribution of Sanukition Igneous Formations and Discussion of the Genesis of Campbell Zone Sulphides, Entwine Lake Complex; Watts, Griffis, McOuat Ltd Report.
- Pryslak, A.P., 2002; Report on Diamond Drilling, Detailed Geology and Preliminary Metallurgical Studies on the Eagle Lake Property, Eagle Rock Lake Claim Map Area G-2672, Northwestern Ontario for Champion Bear Resources Ltd.
- Stone, D. 2000. Geology, Mineral Chemistry and Thermobarometry of the Entwine Stock, Northwestern Ontario: base metal, platinum group element and gold mineralization; Ontario Geological Survey, Open File Report 6021, p.1-8.
- Stone, D, and Halle, J. 1999. Geology of the Entwine Lake and Bonheur areas, Southcentral Wabigoon Subprovince; in Summary of Field Work and Other Activities 1999, Ontario Geological Survey, Open File Report 6000, p. 21.1- 21.8.
- Stone, D., Halle, J. and Chaloux, E. 1998. Precambrian Geology, Pekagoning Lake; Ontario Geological Survey, Preliminary Map P.3386, scale 1:50 000.
- Wright, F., 2001; Preliminary Batch Studies for Copper and PGM Recovery, Eagle Rock Project, PRA Project No 00-06209.

15 CERTIFICATE OF QUALIFIED PERSON

TODD MCCRACKEN, P.GEO.

I, Todd McCracken, P. Geo., of Sudbury, Ontario do hereby certify:

- I am a Manager with WSP Canada Inc. with a business address at 93 Cedar Street, Suite 300, Sudbury, Ontario P3E 1A7.
- This certificate applies to the technical report titled "*Assessment Report on the Eagle Rock Project, Northwestern Ontario*" dated September 11, 2019 (the "Technical Report").
- I am a graduate of the University of Waterloo, with a Bachelor of Science (Honours) in Applied Earth Science in 1992. My relevant experience is 27 years of experience in exploration and operations, including several years working in Ni-Cu sulphide deposits.
- I have read the definition of "Qualified Person" as set out in National Instrument 43-101 *Standards of Disclosure for Mineral Properties* ("the Instrument") and certify that by reason of my education, affiliation with a professional association (as defined in the Instrument), and past relevant work experience, I fulfill the requirements to be a "Qualified Person" for the purposes of the Instrument.
- I did not conduct a Property inspection.
- I am responsible for Sections 1 to 15 of the Technical Report.
- I am independent of Champion Bear Resources Ltd. as defined by Section 1.5 of the Instrument.
- I have prior involvement with the Property that is the subject of the Report having authored a report in 2011 on the property.
- I have read the Instrument, and the Technical Report has been prepared in compliance with the Instrument.
- As of the date of this certificate, to the best of my knowledge, information, and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Signed and stamped this 11th day of September 2019 at Sudbury, Ontario.

Original signed and stamped by
Todd McCracken, P.Geo.

Todd McCracken, P.Geo.
Manager - Mining
WSP Canada Inc.

APPENDIX

A 2019 DRILL LOGS

LOG

NTS:		Proposed ddh - H
UTM	Easting	524573
(Nad83)	Northing	5451045
Elevation (m):		422
Dip at Collar:		-68
Azimuth:		42
Length (m):		102
Core Size:		NQ
Remarks:		Core stored on site at Plomp Farm Core Shack

DDH: ER19-23

Licence:
PROJECT: Eagle Rock
START:
FINISH:
DRILLING: Distinctive Drilling
GEOLOGIST: Todd McCracken
GEOTECH:

REFLEX- DOWNHOLE SURVEY

Depth	Dip	Az	Valid Az
Casing	-68.00	42.00	Y
30	-62.20	41.70	Y
60	-61.70	43.20	Y
90	-60.80	50.30	N
120	-59.80	55.60	N

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Calculated Ni	Cu	Pt	Pd	Au	Co	PGE
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
0.00	5.50	OB					882559		64.81	66.00	1.2	34	105	< 5	< 5	< 2	2.39	A19-02118	0.0034	0.0105	0.0025	0.0025	0.001	0.00024	0.006
5.50	38.08	LGAB				course grained, mauve to light pink, localized mafic clots, minor fractures and joints with oxidized surfaces, locally weakly magnetic.	882560		66.00	68.00	2.0	33	99	< 5	< 5	< 2	2.59	A19-02118	0.0033	0.0099	0.0025	0.0025	0.001	0.00026	0.006
			5.50	12.90		blocky oxidized unit due to surface weathering	882561		68.00	70.00	2.0	38	105	< 5	< 5	< 2	2.46	A19-02118	0.0038	0.0105	0.0025	0.0025	0.001	0.00025	0.006
			17.60	17.80	MDYK	fine grained, black to dark green, thin epidote contacts	882562		70.00	72.00	2.0	30	106	< 5	< 5	< 2	2.68	A19-02118	0.003	0.0106	0.0025	0.0025	0.001	0.00027	0.006
			25.23	25.47	frac	k-spar rich fracture with minor qtz vein	882563		72.00	74.00	2.0	29	117	< 5	< 5	< 2	2.72	A19-02118	0.0029	0.0117	0.0025	0.0025	0.001	0.00027	0.006
			28.71	34.38	epidote	patches and bands of epidote alteration no more than 5 cm in width	882564		74.00	76.00	2.0	29	105	< 5	< 5	< 2	2.59	A19-02118	0.0029	0.0105	0.0025	0.0025	0.001	0.00026	0.006
38.08	47.50	LGAB				course grained, mauve to light pink, heavily fractured with oxidized surfaces	882565	ME-9				9430	7000	665	1270	158	1.76	A19-02118	0.943	0.7	0.665	1.27	0.158	0.00018	2.093
			44.22	45.75	blocky	blocky to locally brecciated	882566		76.00	78.00	2.00	33	128	< 5	5	2	2.24	A19-02118	0.003	0.013	0.0025	0.005	0.002	0.00022	0.0095
47.50	61.93	LGAB				course grained, light pink to cream, localized mafic clots, minor fractures, locally weakly magnetic	882567		78.00	80.00	2.00	47	165	< 5	< 5	< 2	2.72	A19-02118	0.005	0.017	0.0025	0.0025	0.001	0.00027	0.006
61.93	64.81	LGAB				course grained, light pink, brecciated contact at the top and bottom of the unit.	882568		80.00	82.00	2.00	38	89	< 5	< 5	< 2	2.52	A19-02118	0.004	0.009	0.0025	0.0025	0.001	0.00025	0.006
64.81	86.31	LGAB				course grained, light pink to cream, localized mafic clots, minor fractures, locally weakly magnetic, very fine grained disseminated sulphide in the mafic clots	882569		82.00	84.00	2.00	53	156	< 5	7	3	2.49	A19-02118	0.005	0.016	0.0025	0.007	0.003	0.0002	0.0125
86.31	87.15	LGAB				course to medium grained, green to pink, increased mafic content, fine grained disseminated sulphides	882570	BLANK				35	12	< 5	< 5	< 2	6.36	A19-02118	0.004	0.001	0.0025	0.0025	0.001	0.0006	0.006
87.15	95.85	LGAB				course grained, light pink to cream, localized mafic clots, minor fractures, locally weakly magnetic, very fine grained disseminated sulphide in the mafic clots	882571		84.00	85.40	1.40	53	146	< 5	8	3	2.55	A19-02118	0.005	0.015	0.0025	0.008	0.003	0.0003	0.0135
95.85	97.80	LGAB				course to medium grained, green to pink, increased mafic content, felspars are epidote altered, local breccia seam <1 cm, fine grained disseminated sulphides	882572		85.40	86.31	0.91	98	372	19	29	8	2.6	A19-02118	0.010	0.037	0.019	0.029	0.008	0.0003	0.056
97.80	102.00	LGAB				course grained, light pink to cream, localized mafic clots, minor fractures, locally weakly magnetic, very fine grained disseminated sulphide in the mafic clots	882573		86.31	87.15	0.84	496	3010	245	429	178	1.48	A19-02118	0.050	0.301	0.245	0.429	0.178	0.0001	0.852
		EOH					882574		87.15	88.00	0.85	86	185	5	9	10	3.02	A19-02118	0.009	0.019	0.005	0.009	0.01	0.0003	0.024
							882575	DUPLICATE	87.15	88.00	0.85	85	198	< 5	10	22	2.88	A19-02118	0.009	0.020	0.0025	0.01	0.022	0.0003	0.0345
							882576		88.00	90.00	2.00	56	154	< 5	< 5	7	2.83	A19-02118	0.006	0.015	0.0025	0.0025	0.007	0.0003	0.012
							882577		90.00	92.00	2.00	60	203	< 5	13	6	2.49	A19-02118	0.006	0.020	0.0025	0.013	0.006	0.0002	0.0215
							882578		92.00	94.00	2.00	49	167	< 5	< 5	4	2.39	A19-02118	0.005	0.017	0.0025	0.0025	0.004	0.0002	0.009
							882579		94.00	95.85	1.85	66	335	15	26	12	2.25	A19-02118	0.007	0.034	0.015	0.026	0.012	0.0002	0.053
							882580	ME-10				4480	4640	286	623	67	1.9	A19-02118	0.448	0.464	0.286	0.623	0.067	0.0002	0.976
							882581		95.85	97.80	1.95	183	1110	82	152	58	1.47	A19-02118	0.018	0.111	0.082	0.152	0.058	0.0001	0.292
							882582		97.80	99.00	1.20	62	323	14	32	15	2.52	A19-02118	0.006	0.032	0.014	0.032	0.015	0.0003	0.061
							882583		99.00	100.00	1.00	44	107	< 5	7	5	2.45	A19-02118	0.004	0.011	0.0025	0.007	0.005	0.0002	0.0145
							882584		100.00	102.00	2.00	44	168	6	16	9	2.66	A19-02118	0.004	0.017	0.006	0.016	0.009	0.0003	0.031
							882585	BLANK				35	11	< 5	< 5	< 2	6.31	A19-02118	0.004	0.001	0.0025	0.0025	0.001	0.0006	0.006

LOG

NTS:		
UTM	**Easting**	**524620**
(Nad83)	**Northing**	**5450997**
Elevation (m):		**422**
Dip at Collar:		**-57**
Azimuth:		**45**
Length (m):		**141**
Core Size:		**NQ**
Remarks:		**Core stored on site at Plomp Farm Core Shack**

Proposed ddh - G

DDH: ER19-24

Licence:
PROJECT: Eagle Rock
START: 01/28/19
FINISH: 01/29/19
DRILLING: Distinctive Drilling
GEOLOGIST: Todd McCracken
GEOTECH:

REFLEX- DOWNHOLE SURVEY

Depth	Dip	Az	Valid Az
Casing	-57.00	45.00	
39	-56.80	40.90	
60	-55.20	44.20	
90	-55.10	37.00	
120	-54.40	31.20	
141	-53.40	31.40	

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Calculated Ni	Cu	Pt	Pd	Au	Co	PGE
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
0.00	11.60	OB					882586		69.00	71.00	2.00	40.0	103.0	< 5	< 5	< 2	24	A19-02118	0.00	0.01	0.003	0.003	0.001	0.002	0.006
11.60	15.08	FD				fine grained, massive, pink to slight red tint, chlorite coated fracture plains, rubbley, lower contact is steep at 5 to CA	882587		71.00	73.00	2.00	38.0	102.0	< 5	< 5	< 2	24	A19-02118	0.00	0.01	0.003	0.003	0.001	0.002	0.006
15.08	19.85	MGAB				fine grained, massive, green with local white feldspar cumulate, strongly chloritized, minor epidote patches. Lower contact is shear to mud seam approximately 8 cm wide.	882588		73.00	75.00	2.00	39.0	103.0	< 5	< 5	< 2	22	A19-02118	0.00	0.01	0.003	0.003	0.001	0.002	0.006
19.85	28.21	LGAB				course grained, white to pink, minor mafic clots, localized epidote alteration, fracture planes chlorite coated	882589		75.00	77.00	2.00	47.0	94.0	< 5	< 5	< 2	24	A19-02118	0.00	0.01	0.003	0.003	0.001	0.002	0.006
28.21	36.13	LGAB				course grained, white to pink, increased mafic content, localized epidote alteration, fracture planes chlorite coated	882590	ME-10				4600.0	4760.0	283.0	571.0	69	98	A19-02118	0.46	0.48	0.283	0.571	0.069	0.010	0.923
36.13	78.65	LGABC				medium to course grained, purple to brown, biotite and chlorite rich, massive with very few fractures or joints, moderately magnetic with local strong magnetic zones. Tr py	882591		77.00	78.65	1.65	43.0	114.0	< 5	< 5	< 2	24	A19-02118	0.00	0.01	0.003	0.003	0.001	0.002	0.006
78.65	74.91	LGAB				course grained, white to pink, increased mafic content, localized epidote alteration, fracture planes chlorite coated	882592		78.65	79.91	1.26	42.0	112.0	< 5	< 5	< 2	22	A19-02118	0.00	0.01	0.003	0.003	0.001	0.002	0.006
74.91	81.43	ID				very fine grained matrix with medium grained feldspar phenocryst.	882593		79.91	81.43	1.52	68.0	199.0	< 5	< 5	< 2	36	A19-02118	0.01	0.02	0.003	0.003	0.001	0.004	0.006
81.43	91.83	LGAB				course grained, white to pink, minor mafic clots, localized epidote alteration, fracture planes chlorite coated	882594		81.43	83.00	1.57	44.0	114.0	< 5	< 5	< 2	23	A19-02118	0.00	0.01	0.003	0.003	0.001	0.002	0.006
91.83	110.08	LGABC				medium to course grained, purple to brown, biotite and chlorite rich, massive with very few fractures or joints, moderately magnetic with local strong magnetic zones. Fine grained py locally up to 1%. Very fine grained tr cp,	882595	DUPLICATE	81.43	83.00	1.57	48.0	118.0	< 5	< 5	< 2	24	A19-02118	0.00	0.01	0.003	0.003	0.001	0.002	0.006
110.08	114.24	LGAB				course grained, white to pink, minor mafic clots, localized epidote alteration, very fine grained tr py.	882596		83.00	85.00	2.00	47.0	111.0	< 5	< 5	< 2	24	A19-02118	0.00	0.01	0.003	0.003	0.001	0.002	0.006
114.24	122.41	LGABS				medium to course grained, purple to brown, biotite and chlorite rich, cream to milky feldspar, local epidote clots, massive with very few fractures or joints, moderately magnetic with local strong magnetic zones. Fine grained py locally up to 1-2%. Very fine grained disseminated tr to 1% cp sulphides are usually associated with the mafic component	882597		85.00	87.00	2.00	53.0	142.0	< 5	< 5	< 2	27	A19-02118	0.01	0.01	0.003	0.003	0.001	0.003	0.006
122.41	130.75	LGAB				course grained, white to pink, minor mafic clots, localized epidote alteration, minor breccia seam 1 cm wide at 127.0, quartz vein with course py at 128.5, very fine grained disseminated tr py.	882598		87.00	89.00	2.00	57.0	144.0	< 5	< 5	< 2	24	A19-02118	0.01	0.01	0.003	0.003	0.001	0.002	0.006
130.75	133.46	ID				very fine grained matrix with medium grained feldspar phenocryst.	882599		89.00	91.00	2.00	48.0	133.0	< 5	< 5	< 2	24	A19-02118	0.00	0.01	0.003	0.003	0.001	0.002	0.006
133.46	141.00	LGAB				course grained, white to pink, minor mafic clots, localized epidote alteration.	882600	ME-9				9310.0	6790.0	639.0	1280.0	129	156	A19-02118	0.93	0.68	0.639	1.280	0.129	0.016	2.048
		EOH					882816		91.00	91.81	0.81	58.0	583.0	< 5	< 5	< 2	26	A19-02118	0.01	0.06	0.003	0.003	0.001	0.003	0.006
							882817		91.81	93.32	1.51	275.0	1360.0	62.0	131.0	53	56	A19-02118	0.03	0.14	0.062	0.131	0.053	0.006	0.246
							882818		93.32	95.00	1.68	128.0	765.0	23.0	48.0	32	32	A19-02118	0.01	0.08	0.023	0.048	0.032	0.003	0.103
							882819		95.00	97.00	2.00	203.0	1140.0	60.0	106.0	47	39	A19-02118	0.02	0.11	0.060	0.106	0.047	0.004	0.213
							882820	BLANK				36.0	20.0	< 5	< 5	< 2	15	A19-02118	0.00	0.00	0.003	0.003	0.001	0.002	0.006
							882821		97.00	99.00	2.00	242.0	1160.0	66.0	110.0	57	41	A19-02118	0.02	0.12	0.066	0.110	0.057	0.004	0.233
							882822		99.00	101.00	2.00	195.0	1380.0	84.0	144.0	62	39	A19-02118	0.02	0.14	0.084	0.144	0.062	0.004	0.290
							882823		101.00	102.91	1.91	215.0	1680.0	166.0	237.0	101	39	A19-02118	0.02	0.17	0.166	0.237	0.101	0.004	0.504
							882824		102.91	104.10	1.19	903.0	6300.0	478.0	847.0	411	86	A19-02118	0.09	0.63	0.478	0.847	0.411	0.009	1.736
							882825	ME-10				4600.0	4880.0	323.0	642.0	72	102	A19-02118	0.46	0.49	0.323	0.642	0.072	0.010	1.037
							882826		104.10	105.80	1.70	854.0	6540.0	511.0	887.0	397	78	A19-02118	0.09	0.65	0.511	0.887	0.397	0.008	1.795
							882827		105.80	107.00	1.20	503.0	3700.0	296.0	504.0	217	44	A19-02118	0.05	0.37	0.296	0.504	0.217	0.004	1.017
							882828		107.00	108.50	1.50	348.0	2670.0	210.0	358.0	171	38	A19-02118	0.03	0.27	0.210	0.358	0.171	0.004	0.739

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Ni	Cu	Pt	Pd	Au	Co	PGE
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
							882829		108.50	110.08	1.58	82.0	607.0	40.0	72.0	41	19	A19-02118	0.01	0.06	0.040	0.072	0.041	0.002	0.153
							882830	DUPLICATE	108.50	110.08	1.58	89.0	632.0	40.0	68.0	39	22	A19-02118	0.01	0.06	0.040	0.068	0.039	0.002	0.147
							882831		110.08	111.00	0.92	89.0	935.0	67.0	113.0	53	20	A19-02118	0.01	0.09	0.067	0.113	0.053	0.002	0.233
							882832		111.00	113.00	2.00	49.0	184.0	8.0	17.0	10	20	A19-02118	0.00	0.02	0.008	0.017	0.010	0.002	0.035
							882833		113.00	114.42	1.42	48.0	146.0	< 5	14.0	7	23	A19-02118	0.00	0.01	0.003	0.014	0.007	0.002	0.024
							882834		114.42	116.00	1.58	380.0	2050.0	152.0	298.0	95	68	A19-02118	0.04	0.21	0.152	0.298	0.095	0.007	0.545
							882835	ME-9				9180.0	6600.0	606.0	1240.0	98	153	A19-02118	0.92	0.66	0.606	1.240	0.098	0.015	1.944
							882836		116.00	118.00	2.00	266.0	1920.0	137.0	251.0	98	48	A19-02118	0.03	0.19	0.137	0.251	0.098	0.005	0.486
							882837		118.00	119.63	1.63	376.0	2690.0	187.0	343.0	126	64	A19-02118	0.04	0.27	0.187	0.343	0.126	0.006	0.656
							882838		119.63	121.28	1.65	187.0	1220.0	65.0	107.0	56	48	A19-02118	0.02	0.12	0.065	0.107	0.056	0.005	0.228
							882839		121.28	122.41	1.13	164.0	405.0	9.0	16.0	27	48	A19-02118	0.02	0.04	0.009	0.016	0.027	0.005	0.052
							882840	BLANK				32.0	12.0	< 5	< 5	< 2	13	A19-02118	0.00	0.00	0.003	0.003	0.001	0.001	0.006
							882841		122.41	123.41	1.00	99.0	227.0	27.0	52.0	12	33	A19-02118	0.01	0.02	0.027	0.052	0.012	0.003	0.091
							882842		123.41	125.00	1.59	56.0	210.0	< 5	7.0	8	18	A19-02118	0.01	0.02	0.003	0.007	0.008	0.002	0.018
							882843		125.00	127.00	2.00	46.0	120.0	< 5	< 5	3	17	A19-02118	0.00	0.01	0.003	0.003	0.003	0.002	0.008
							882844		127.00	129.00	2.00	46.0	38.0	< 5	< 5	< 2	25	A19-02118	0.00	0.00	0.003	0.003	0.001	0.003	0.006
							882845	ME-10				4710.0	4840.0	292.0	600.0	63	100	A19-02118	0.47	0.48	0.292	0.600	0.063	0.010	0.955
							882846		129.00	130.00	1.00	36.0	51.0	< 5	< 5	< 2	16	A19-02118	0.00	0.01	0.003	0.003	0.001	0.002	0.006

EAGLE ROCK - DIAMOND DRILL CORE LOG

NTS:		
UTM	Easting	524671
(Nad83)	Northing	5450974
Elevation (m):		422
Dip at Collar:		-62
Azimuth:		45
Length (m):		141
Core Size:		NQ

Proposed ddh - F

Remarks: Core stored on site at Plomp Farm Core Shack

DDH: ER19-25

Licence:
PROJECT: Eagle Rock
START:
FINISH:
DRILLING: Distinctive Drilling
GEOLOGIST: Ethan Beardy
GEOTECH:

REFLEX- DOWNHOLE SURVEY

Depth	Dip	Az	Valid Az
Casing	-62.00	45.00	
33	-57.30	23.10	
60	-56.10	21.40	
90	-56.80	52.30	

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Calculated Ni	Cu	Pt	Pd	Au	Co	PGE
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
3.92	4.10	OB0					883701		69	71	2.0	34.0	121.0	< 5	5.0	< 2	25	A19-02118	0.003	0.012	0.003	0.005	0.001	0.003	0.009
4.10	18.80	MGAB				fine-grained, massive, predominantly black in colour with	883702		71	73	2.0	32.0	111.0	< 5	< 5	< 2	22	A19-02118	0.003	0.011	0.003	0.003	0.001	0.002	0.006
						areas of green and burgundy/brown, white feldspar cumulates	883703		73	75	2.0	172.0	1290.0	47.0	134.0	67	36	A19-02118	0.017	0.129	0.047	0.134	0.067	0.004	0.248
						a minor chlorite alteration is present through whole unit.	883704	DUP	73	75		166.0	1200.0	53.0	126.0	57	34	A19-02118	0.0	0.1	0.1	0.1	0.057	0.0	0.2
						overall moderately fractured unit,	883705		75	77	2.0	232.0	2060.0	140.0	268.0	129	46	A19-02118	0.023	0.206	0.140	0.268	0.129	0.005	0.537
						9.12m - 10.70m increased zone of white feldspars, a gradual	883706		77	79	2.0	935.0	5900.0	605.0	927.0	498	91	A19-02118	0.094	0.590	0.605	0.927	0.498	0.009	2.030
						transition in and out of increased feldspar zone, moderate	883707		79	81	2.0	1020.0	7990.0	580.0	951.0	460	82	A19-02118	0.102	0.799	0.580	0.951	0.460	0.008	1.991
						chl alteration.	883708		81	83	2.0	167.0	1300.0	65.0	117.0	61	25	A19-02118	0.017	0.130	0.065	0.117	0.061	0.003	0.243
						10.73m - 10.84m fault zone, shearing present, sheared	883709	ME-9	81	83		8550.0	6340.0	648.0	1270.0	153	145	A19-02118	0.9	0.6	0.6	1.3	0.153	0.0	2.1
						surfaces are smooth and faulted at 35 tca. No increased	883710		83	85	2.0	684.0	5070.0	600.0	963.0	478	74	A19-02118	0.068	0.507	0.600	0.963	0.478	0.007	2.041
						alteration or mineralization	883711		85	87	2.0	107.0	497.0	25.0	45.0	23	23	A19-02118	0.011	0.050	0.025	0.045	0.023	0.002	0.093
						a gradual transition out of MGAB	883712		87	89	2.0	53.0	158.0	< 5	6.0	6	22	A19-02118	0.005	0.016	0.003	0.006	0.006	0.002	0.015
18.80	25.80	LGAB				a strongly chl and epidote altered LGAB, low recovery of core	883713		89	91	2.0	52.0	159.0	10.0	21.0	3	23	A19-02118	0.005	0.016	0.010	0.021	0.003	0.002	0.034
						with multiple faults, fault contacts in random directions	883714	Blank	89	91		39.0	14.0	< 5	< 5	< 2	14	A19-02118	0.0	0.0	0.0	0.0	0.001	0.0	0.0
25.80	54.14	LGAB				medium to coarse grained, white to pink feldspars, minor	883715		91	92	1.0	122.0	519.0	60.0	107.0	12	36	A19-02118	0.012	0.052	0.060	0.107	0.012	0.004	0.179
						zones of biotite and pyx, zones of purple to brown, biotite and chl	883716		92	94	2.0	105.0	643.0	48.0	88.0	31	28	A19-02118	0.011	0.064	0.048	0.088	0.031	0.003	0.167
						come in and out of LGAB. Moderately magnetic zones within	883717		94	96	2.0	129.0	808.0	62.0	107.0	40	30	A19-02118	0.013	0.081	0.062	0.107	0.040	0.003	0.209
						purple to brown areas. Zones are 5 cm to 25 cm, epidote	883718		96	98	2.0	46.0	99.0	< 5	6.0	2	22	A19-02118	0.005	0.010	0.003	0.006	0.002	0.002	0.011
						alteration occurs in clots.	883719	ME-10	96	98		4850.0	4890.0	288.0	586.0	55	101	A19-02118	0.5	0.5	0.3	0.6	0.055	0.0	0.9
			47.49	48.04	ID	very fine grained to fine grained matrix, feldspar clasts,	883720		98	99.45	1.5	43.0	97.0	< 5	6.0	2	20	A19-02118	0.004	0.010	0.003	0.006	0.002	0.002	0.011
						weak chl alteration.																			
54.14	74.41	LGABC				a gradual transition into LGABC at 54.14																			
						medium to coarse grained purple to brown, unit is weak to																			
						moderately magnetic, content of purple brown material varies																			
						throughout unit, some areas tend to have more white feldspar																			
						unit is weakly fractured and contains trace sulphides (vfg)																			
						in areas with higher feldspar content minor epidote alteration																			
						occurs, with a overall moderate chl alteration to the LGABC																			
74.41	84.92	LGABS				medium to coarse grained, grey to brown in colour, biotite																			
						and chl rich, moderately magnetic, off white feldspar, no major																			
						structural fractures, minor secondary fractures filled, 1 -5 %																			
						sulphide mineralization, very fine grained to fine grained, anhedral																			
						sulphides in pyrite, pyrrhotite and chalcopyrite.																			
						83.32m - 83.84m fault, core is rubbled low recovery, no increased																			
						mineralization																			
84.92	93.29	LGABC				medium to coarse grained purple to brown, unit is weak to																			
						moderately magnetic, content of purple brown material varies																			
						throughout unit, some areas tend to have more white feldspar																			
						unit is weakly fractured and contains trace sulphides (vfg)																			
						in areas with higher feldspar content minor epidote alteration																			
						occurs, with a overall moderate chl alteration to the LGABC																			
						thin qtz veining at 92.41, 92.54, 93.26. veins have sharp contacts																			
						all trend in the same direction, pyrrhotite mineralization occurs																			
						within veins																			
93.29	99.45	LGABC				strongly altered LGABC, unit is predominantly made up of purple																			
						brown material with little visible feldspars. Fault runs through																			
						unit at 95.10m - 96.0m																			

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Ni	Cu	Pt	Pd	Au	Co	PGE
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
						trace very fined grained sulphides																			
						gradual transition out of unit into LCAB																			
99.45	141.00	LGAB				medium to coarse grained, white to pink feldspars, with																			
	EOH					light green epidote alterations in patches throughout unit,																			
						minor areas of patchy k-feld alteration to feldspar giving it																			
						a reddish pink colour.																			
						very fine grained thin intermediate dykes at 99.75-99.87 and 113.35-																			
						113.49 matrix is very fine grained with feldspar phenocrysts																			
						unit is moderately fractured with larger faults at 122.70-123.0,																			
						123.23m - 126.14m low recovery of core in faults, fractured																			
						surfaces are rough and show no increased alteration or																			
						mineralization																			

EAGLE ROCK - DIAMOND DRILL CORE LOG

NTS:		
UTM	Easting	524710
(Nad83)	Northing	5450954
Elevation (m):		422
Dip at Collar:		-57
Azimuth:		48
Length (m):		129
Core Size:		NQ
Remarks:		Core stored on site at Plomp Farm Core Shack

Proposed ddh - E

DDH: ER19-26

Licence:
PROJECT: Eagle Rock
START:
FINISH:
DRILLING: Distinctive Drilling
GEOLOGIST: Ethan Beardy
GEOTECH:

REFLEX- DOWNHOLE SURVEY

Depth	Dip	Az	Valid Az
Casing	-57.00	48.00	
60	-57.80	46.30	
90	-56.50	51.30	
120	-54.90	51.10	

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Calculated						
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
11.28	12.45	LGAB				medium to coarse grained, white to pink feldspars, epidote	883721		13	15		169	515	< 5	8	5	47	A19-02118	0.017	0.052	0.003	0.008	0.005	0.005	0.016
						alteration occurs in patches in LGAB, an overall minor	883722		15	17		169	693	< 5	6	2	48	A19-02118	0.017	0.069	0.003	0.006	0.002	0.005	0.011
						chlorite alteration which increases closer to lower contact	883723		17	19		181	708	< 5	6	3	51	A19-02118	0.018	0.071	0.003	0.006	0.003	0.005	0.012
						sharp lower contact	883724	DUP	17	19		133	380	< 5	7	2	73	A19-02118	0.0133	0.038	0.0025	0.007	0.002	0.0073	0.0115
12.45	32.50	MGAB				fine to medium grained massive unit, grey to black in colour	883725		19	21		185	385	< 5	8	< 2	73	A19-02118	0.019	0.039	0.003	0.008	0.001	0.007	0.012
						with medium to coarse grained feldspar cumulate, overall	883726		21	23		109	314	< 5	9	2	80	A19-02118	0.011	0.031	0.003	0.009	0.002	0.008	0.014
						unit has a moderate chl alteration. Unit contains trace amounts of very fine	883727		23	25		87	260	< 5	6	< 2	70	A19-02118	0.009	0.026	0.003	0.006	0.001	0.007	0.010
						grained disseminated sulphides, with medium anhedral pyrrhotite grain occurring	883728		25	27		95	284	< 5	6	< 2	80	A19-02118	0.010	0.028	0.003	0.006	0.001	0.008	0.010
						within a thin qtz carbonate vein at 26.07m	883729	ME-9	25	27		> 10000	6780	615	1350	140	168	A19-02118	#VALUE!	0.678	0.615	1.35	0.14	0.0168	2.105
						sharp lower contact	883730		27	29		113	322	< 5	5	< 2	55	A19-02118	0.011	0.032	0.003	0.005	0.001	0.006	0.009
32.50	72.15	LGAB				medium to coarse grained, white to pink feldspars, epidote	883731		50	52		52	131	< 5	< 5	< 2	15	A19-02118	0.005	0.013	0.003	0.003	0.001	0.002	0.006
						alteration occurs in patches in LGAB, an overall minor	883732		52	54		65	209	< 5	< 5	3	21	A19-02118	0.007	0.021	0.003	0.003	0.003	0.002	0.008
						chlorite alteration which increases closer to lower contact	883733		54	56		53	186	< 5	< 5	< 2	17	A19-02118	0.005	0.019	0.003	0.003	0.001	0.002	0.006
						areas throughout LGAB contain minor k-feld alteration giving rock a reddish	883734	Blank	54	56		39	15	< 5	< 5	< 2	17	A19-02118	0.0039	0.0015	0.0025	0.0025	0.001	0.0017	0.006
						pink colour, these zones are typically no longer than 15 cm,	883735		56	58		55	122	< 5	< 5	< 2	17	A19-02118	0.006	0.012	0.003	0.003	0.001	0.002	0.006
						trace sulphides	883736		58	60		53	119	< 5	< 5	< 2	18	A19-02118	0.005	0.012	0.003	0.003	0.001	0.002	0.006
						37.04m - 37.20m small fault, low recovery, fractured surfaces are rough	883737		60	62		146	563	45	86	14	31	A19-02118	0.015	0.056	0.045	0.086	0.014	0.003	0.145
						display a dark red alteration/weathering	883738		62	64		55	215	< 5	9	4	24	A19-02118	0.006	0.022	0.003	0.009	0.004	0.002	0.016
						49.06m - 49.68m feldspar dominant zone, greater ~75% with a epidote alteration	883739	ME-10	62	64		4250	4460	320	663	92	92	A19-02118	0.425	0.446	0.32	0.663	0.092	0.0092	1.075
52.24	55.67	LGABS	52.24	55.67	LGABS	52.24m - 55.67m short zone of LGABS, purple to brown in colour, with	883740		64	66		62	335	15	29	13	21	A19-02118	0.006	0.034	0.015	0.029	0.013	0.002	0.057
						very fine grained trace sulphides, with a moderate chl alteration.	883741		66	68		57	297	7	15	10	19	A19-02118	0.006	0.030	0.007	0.015	0.010	0.002	0.032
55.67	72.15	LGAB					883742		68	70		82	495	24	38	21	19	A19-02118	0.008	0.050	0.024	0.038	0.021	0.002	0.083
58.64	58.77	ID	58.64	58.77	ID	fine grained matrix with feldspar phenocrysts, sharp contacts.	883743		70	72		66	336	9	16	9	21	A19-02118	0.007	0.034	0.009	0.016	0.009	0.002	0.034
58.77	72.15	LGAB				59.20m - 59.74m feldspar rich zone that has been strongly altered by	883744	DUP	70	72		67	346	10	19	10	20	A19-02118	0.0067	0.0346	0.01	0.019	0.01	0.002	0.039
						chl and epidote and strongly fractured.	883745		72	74		262	1140	83	192	46	47	A19-02118	0.026	0.114	0.083	0.192	0.046	0.005	0.321
						59.90m - 64.77m a mix of LGAB and LCABS, a "typical" LGAB with areas	883746		74	76		74	382	15	31	15	24	A19-02118	0.007	0.038	0.015	0.031	0.015	0.002	0.061
						that come in and out of LGABS that are purple to brown with sulphide	883747		76	78		85	589	32	54	25	24	A19-02118	0.009	0.059	0.032	0.054	0.025	0.002	0.111
						mineralization, trace amounts of sulphides are found in LGAB that	883748		78	80		44	108	< 5	< 5	< 2	21	A19-02118	0.004	0.011	0.003	0.003	0.001	0.002	0.006
						are likely associated with the purple to brown LGABS	883749	ME-9	78	80		9320	7000	661	1280	120	155	A19-02118	0.932	0.7	0.661	1.28	0.12	0.0155	2.061
63.31	63.68	MGAB	63.31	63.68	MGAB	low content of white feldspar, grey to black in colour, contains sulphide	883750		80	82		78	267	< 5	6	7	29	A19-02118	0.008	0.027	0.003	0.006	0.007	0.003	0.016
						mineralization.	883751		82	84		81	485	11	21	11	28	A19-02118	0.008	0.049	0.011	0.021	0.011	0.003	0.043
63.68	72.15	LGAB				mainly LGAB with small patches of LGABS throughout.	883752		84	86		48	111	< 5	< 5	3	24	A19-02118	0.005	0.011	0.003	0.003	0.003	0.002	0.008
						a gradual transition into LGABS from LGAB	883753		86	88		51	131	< 5	8	3	21	A19-02118	0.005	0.013	0.003	0.008	0.003	0.002	0.014
72.15	106.76	LGABS				medium to coarse grained, predominantly made up of a purple to brown	883754	Blank	86	88		40	107	5	10	4	14	A19-02118	0.004	0.0107	0.005	0.01	0.004	0.0014	0.019
						gabbro, with areas that have more feldspar giving it a LGAB look, sulphides	883755		88	90		47	112	< 5	< 5	< 2	21	A19-02118	0.005	0.011	0.003	0.003	0.001	0.002	0.006
						within unit are locally up to 5% but with an overall 1 - 2% trend, sulphides	883756		90	92		84	556	41	72	18	24	A19-02118	0.008	0.056	0.041	0.072	0.018	0.002	0.131
						include pyrite, pyrrhotite and chalcopyrite, unit is massive weakly fractured	883757		92	94		43	97	< 5	9	< 2	21	A19-02118	0.004	0.010	0.003	0.009	0.001	0.002	0.013
						showing to major structural trends. A moderate chl alteration is present	883758		94	96		46	92	< 5	5	< 2	22	A19-02118	0.005	0.009	0.003	0.005	0.001	0.002	0.009
						in whole unit.	883759	ME-10	94	96		4720	4690	267	577	68	95	A19-02118	0.472	0.469	0.267	0.577	0.068	0.0095	0.912
						72.19m - 72.78m sulphide rich zone, with pyrite, chalcopyrite and pyrrhotite,	883760		96	98		53	116	< 5	9	2	24	A19-02118	0.005	0.012	0.003	0.009	0.002	0.002	0.014
						locally 5%, forming in very fine to fine grained blebs.	883761		98	100		48	177	< 5	10	6	20	A19-02118	0.005	0.018	0.003	0.010	0.006	0.002	0.019
						a gradual transition out of LGABS into LGAB	883762		100	102		49	160	< 5	9	3	21	A19-02118	0.005	0.016	0.003	0.009	0.003	0.002	0.015
106.76	129.00	LGAB				sheared fault zone at 107.35 - 108.15m with multiple fractures all trending at r45 tca	883763		102	104		47	114	< 5	< 5	2	19	A19-02118	0.005	0.011	0.003	0.003	0.002	0.002	0.007
	EOH					faulted areas is strongly altered by epidote.	883764	DUP	102	104		45	115	< 5	< 5	< 2	19	A19-02118	0.0045	0.0115	0.0025	0.0025	0.001	0.0019	0.006
						large epidote patch within LGAB from 109.92m - 110.21m	883765		104	106		46	122	< 5	6	2	19	A19-02118	0.005	0.012	0.003	0.006	0.002	0.002	0.011
						112.87m - 114.26m reddish purple alteration zone, with a qtz vein at 113.58m	883766		106	108		50	78	< 5	< 5	< 2	24	A19-02118	0.005	0.008	0.003	0.003	0.001	0.002	0.006
						4 cm thick, both sides of the vein hbl is present, anhedral medium grained.	883767		108	109.9		54	91	< 5	< 5	< 2	23	A19-02118	0.005	0.009	0.003	0.003	0.001	0.002	0.006
						From 118.89m to EOH epidote patches increase and are observed randomly																			
						within this zone, in epidote alteration patches feldspar content increases.																			
						EOH																			

EAGLE ROCK - DIAMOND DRILL CORE LOG

NTS:		
UTM	Easting	524806
(Nad83)	Northing	5450882
Elevation (m):		422
Dip at Collar:		-55
Azimuth:		45
Length (m):		170
Core Size:		NQ

Proposed ddh - D

Remarks: Core stored on site at Plomp Farm Core Shack

DDH: ER19-27

Licence:
PROJECT: Eagle Rock
START:
FINISH:
DRILLING: Distinctive Drilling
GEOLOGIST: Ethan Beardy
GEOTECH:

REFLEX- DOWNHOLE SURVEY

Depth	Dip	Az	Valid Az
Casing	-55.00	45.00	
119	-55.50	19.90	
170	-53.60	29.00	

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Calculated Ni	Cu	Pt	Pd	Au	Co	PGE
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
0.36	34.70	MGAB				fine to medium-grained, massive, strong chl alteration, with	883768		72	74	2.0	52	197	< 5	< 5	< 2	21	A19-02118	0.005	0.020	0.003	0.003	0.001	0.002	0.006
						white feldspar cumulate, predominantly black to grey with	883769	ME-9	72	74		9290	6810	621	1290	197	152	A19-02118	0.929	0.681	0.621	1.29	0.197	0.0152	2.108
						areas of purple to brown zones. A gradual transition	883770		74	76	2.0	66	188	< 5	< 5	< 2	22	A19-02118	0.007	0.019	0.003	0.003	0.001	0.002	0.006
						into underlying unit, very fine-grained disseminated sulphides	883771		76	78	2.0	67	203	7	15	3	21	A19-02118	0.007	0.020	0.007	0.015	0.003	0.002	0.025
						pyrrhotite and pyrite, sulphide mineralization is in trace amounts	883772		78	80	2.0	62	251	7	13	5	20	A19-02118	0.006	0.025	0.007	0.013	0.005	0.002	0.025
						3.22m - 4.07m purple to brown rich zone, medium grained	883773		80	82	2.0	90	338	34	65	7	30	A19-02118	0.009	0.034	0.034	0.065	0.007	0.003	0.106
						off white feldspar cumulate, no mineralization	883774	Blank	80	82		35	14	< 5	< 5	< 2	16	A19-02118	0.0035	0.0014	0.0025	0.0025	0.001	0.0016	0.006
						18.07m -18.26m minor fault, fractures trend at 30-40 tca	883775		82	84	2.0	195	1070	82	142	56	30	A19-02118	0.020	0.107	0.082	0.142	0.056	0.003	0.280
						minor pinkish red K-feld alteration.	883776		84	86	2.0	91	389	14	24	20	23	A19-02118	0.009	0.039	0.014	0.024	0.020	0.002	0.058
						18.95m - 19.65m patches of K-feld alteration pinkish red	883777		86	88	2.0	192	1160	59	115	50	38	A19-02118	0.019	0.116	0.059	0.115	0.050	0.004	0.224
						29.79m - 29.97m mafic dyke, very fine to fine grained matrix	883778		88	90	2.0	368	2110	141	237	109	57	A19-02118	0.037	0.211	0.141	0.237	0.109	0.006	0.487
						irregular shaped contacts but sharp.	883779	ME-10	88	90		4660	4860	307	612	60	100	A19-02118	0.466	0.486	0.307	0.612	0.06	0.01	0.979
34.70	55.39	LGABC				medium to coarse-grained, strongly altered, light to dark green	883780		90	92	2.0	686	4490	233	458	237	77	A19-02118	0.069	0.449	0.233	0.458	0.237	0.008	0.928
						feldspar, areas of purple to brown patches through LGABC	883781		92	94	2.0	722	4550	296	514	241	60	A19-02118	0.072	0.455	0.296	0.514	0.241	0.006	1.051
						no mineralization in LGABC, trace amounts in purple to brown	883782		94	96	2.0	378	2150	143	250	104	43	A19-02118	0.038	0.215	0.143	0.250	0.104	0.004	0.497
						patches.	883783		96	98	2.0	315	2160	74	163	90	39	A19-02118	0.032	0.216	0.074	0.163	0.090	0.004	0.327
						35.08m - 35.25m low recovery fault, core is rubbled upper	883784	DUP	96	98		321	2190	76	163	86	41	A19-02118	0.0321	0.219	0.076	0.163	0.086	0.0041	0.325
						and lower contacts sharp.	883785		98	100	2.0	147	643	20	42	23	32	A19-02118	0.015	0.064	0.020	0.042	0.023	0.003	0.085
						47.72m - 50.42m moderately magnetic mafic zone through	883786		100	102	2.0	53	136	< 5	< 5	3	22	A19-02118	0.005	0.014	0.003	0.003	0.003	0.002	0.008
						LGABC with minor off white feldspar cumulate, trace very	883787		102	104	2.0	49	148	< 5	7	5	22	A19-02118	0.005	0.015	0.003	0.007	0.005	0.002	0.015
						fine-grained sulphides and purple to brown areas filling	883788		104	106	2.0	61	143	< 5	< 5	5	22	A19-02118	0.006	0.014	0.003	0.003	0.005	0.002	0.010
						between mafic minerals.	883789	ME-9	104	106		9410	6950	644	1300	140	154	A19-02118	0.941	0.695	0.644	1.3	0.14	0.0154	2.084
						gradual transition into LGAB	883790		106	108	2.0	64	159	< 5	< 5	5	25	A19-02118	0.006	0.016	0.003	0.003	0.005	0.003	0.010
55.39	71.63	LGAB				strongly chlorite altered LGAB, minor purple to brown patches	883791		108	110	2.0	61	148	< 5	< 5	3	22	A19-02118	0.006	0.015	0.003	0.003	0.003	0.002	0.008
						with clots of epidote alteration,	883792		110	112	2.0	55	149	< 5	< 5	< 2	21	A19-02118	0.006	0.015	0.003	0.003	0.001	0.002	0.006
						62.73m - 62.96m mafic dyke, very fine-grained matrix	883793		112	114	2.0	53	120	< 5	< 5	< 2	23	A19-02118	0.005	0.012	0.003	0.003	0.001	0.002	0.006
						67.10m - 67.88m irregular shaped qtz vein, sharp contacts	883794	Blank	112	114		35	11	< 5	< 5	< 2	15	A19-02118	0.0035	0.0011	0.0025	0.0025	0.001	0.0015	0.006
						with LGAB	883795		114	116	2.0	60	58	< 5	< 5	< 2	22	A19-02118	0.006	0.006	0.003	0.003	0.001	0.002	0.006
						gradual transition into LGABS	883796		116	118	2.0	55	44	< 5	< 5	< 2	19	A19-02118	0.006	0.004	0.003	0.003	0.001	0.002	0.006
71.63	147.95	LGABS				medium to coarse-grained, purple to brown, biotite and chl	883797		118	120	2.0	41	99	< 5	8	< 2	21	A19-02118	0.004	0.010	0.003	0.008	0.001	0.002	0.012
						rich, feldspars are off white, throughout zone areas	883798		120	122	2.0	46	91	< 5	11	< 2	19	A19-02118	0.005	0.009	0.003	0.011	0.001	0.002	0.015
						of feldspar increases. Weak to moderate magnetic zones	883799	ME-10	120	122		4430	4620	282	633	117	97	A19-02118	0.443	0.462	0.282	0.633	0.117	0.0097	1.032
						typically in areas of less feldspars. Sulphide mineralization	883800		122	124	2.0	49	99	< 5	6	< 2	22	A19-02118	0.005	0.010	0.003	0.006	0.001	0.002	0.010
						is observed throughout whole unit in trace amounts, mainly	883801		124	126	2.0	50	114	< 5	6	< 2	23	A19-02118	0.005	0.011	0.003	0.006	0.001	0.002	0.010
						pyrrhotite and pyrite. Areas with increased sulphide mineralization	883802		126	128	2.0	50	119	< 5	7	< 2	23	A19-02118	0.005	0.012	0.003	0.007	0.001	0.002	0.011
						also contain chalcopyrite. These chalcopyrite zones are	883803		128	130	2.0	47	82	< 5	7	< 2	26	A19-02118	0.005	0.008	0.003	0.007	0.001	0.003	0.011
						typically found more mafic areas with less feldspar content	883804	DUP	128	130		46	81	< 5	7	< 2	27	A19-02118	0.0046	0.0081	0.0025	0.007	0.001	0.0027	0.0105
						This LGABS zone is a mix of small areas of LGAB and	883805		130	132	2.0	43	103	< 5	9	< 2	22	A19-02118	0.004	0.010	0.003	0.009	0.001	0.002	0.013
						LGABC that still contain trace sulphides, LGABS is the	883806		132	134	2.0	41	95	< 5	9	< 2	19	A19-02118	0.004	0.010	0.003	0.009	0.001	0.002	0.013
						dominant unit here.	883807		134	136	2.0							A19-02374							
						79.05m - 79.50m irregular shaped qtz vein with fracture	883808		136	138	2.0	43.0	86.0	6.0	< 5	< 2	21	A19-02374	0.004	0.009	0.006	0.003	0.001	0.002	0.010
						cutting through it, minor epidote alteration occurs along	883809	ME-9	136	138		9130	6290	607	1240	178	149	A19-02374	0.913	0.629	0.607	1.24	0.178	0.0149	2.025
						fracture.	883810		138	140	2.0	46	94	8	< 5	< 2	21	A19-02374	0.0046	0.0094	0.008	0.0025	0.001	0.0021	0.0115
						chalcopyrite typically occurs along grain boundaries of	883811		140	142	2.0	46	108	< 5	5	< 2	22	A19-02374	0.0046	0.0108	0.0025	0.005	0.001	0.0022	0.0085
						pyrite and pyrrhotite	883812		142	144	2.0	40	102	< 5	5	< 2	19	A19-02374	0.004	0.0102	0.0025	0.005	0.001	0.0019	0.0085
						Chalcopyrite zone from ~82m - ~95m	883813		144	145	1.0	42	106	< 5	< 5	< 2	19	A19-02374	0.0042	0.0106	0.0025	0.0025	0.001	0.0019	0.006
						98.95m - 99.11m pegmatitic anhedral feldspar grains.	883814	Blank	144	145		32	11	< 5	< 5	< 2	13	A19-02374	0.0032	0.0011	0.0025	0.0025	0.001	0.0013	0.006

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Ni	Cu	Pt	Pd	Au	Co	PGE
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
						114.46m - 117.85m irregular shaped intermediate dyke	883815		145	147	2.0	63	199	9	8	< 2	23	A19-02374	0.006	0.020	0.009	0.008	0.001	0.002	0.018
						with LGAB zones throughout dyke.	883816		147	149	2.0	47	118	< 5	< 5	< 2	21	A19-02374	0.005	0.012	0.003	0.003	0.001	0.002	0.006
						128.17m - 128.60m an epidote and k-feld alteration zone to																			
						a feldspar rich LGABS zone.																			
						gradual transition out of LGABS into LGAB.																			
147.95	170.00	LGAB				medium to coarse-grained, strongly altered, light to dark green																			
	EOH					feldspar, areas of purple to brown patches through LGABC																			
						no mineralization in LGABC, trace amounts in purple to brown																			
						160.31m - 160.66m low recovery of core from a fault, core																			
						is rubbled with upper and lower contacts sharp and surfaces																			
						smooth.																			
						169.11m fracture through LGAB, fractured contains																			
						pyrite mineralization.																			

EAGLE ROCK - DIAMOND DRILL CORE LOG

NTS:		Proposed ddh - C
UTM	Easting	524963
(Nad83)	Northing	5450799
Elevation (m):		423
Dip at Collar:		-61
Azimuth:		45
Length (m):		234
Core Size:		NQ
Remarks:		Core stored on site at Plomp Farm Core Shack

DDH: ER19-28

Licence:
PROJECT: Eagle Rock
START:
FINISH:
DRILLING: Distinctive Drilling
GEOLOGIST: Ethan Beardy
GEOTECH:

REFLEX- DOWNHOLE SURVEY

Depth	Dip	Az	Valid Az	Depth	Dip	Az	Valid Az
Casing	-61.00	45.00		180	-58.50	59.40	
30	-61.70	56.70		210	-57.50	69.70	
60	-60.80	55.30		234	-56.80	2.50	
90	-60.00	104.80					
120	-59.90	68.70					
150	-59.40	56.70					

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Calculated Ni	Cu	Pt	Pd	Au	Co	PGE
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
4.00	4.50	OB					883817		81	83	2.0	69.0	201.0	< 5	< 5	3	21	A19-02374	0.007	0.020	0.003	0.003	0.003	0.002	0.008
4.50	47.30	LGABC				medium to coarse grained, purple to brown colour, containing	883818		83	85	2.0	61.0	166.0	< 5	< 5	< 2	20	A19-02374	0.006	0.017	0.003	0.003	0.001	0.002	0.006
						off white feldspar, with biotite and chl. Overall weakly	883819	ME-10	83	85		4540	4300	284	585	65	96	A19-02374	0.454	0.43	0.284	0.585	0.065	0.0096	0.934
						fractured unit, very fine-grained disseminated py, unit is	883820		85	87	2.0	64.0	250.0	5.0	8.0	3	21	A19-02374	0.006	0.025	0.005	0.008	0.003	0.002	0.016
						weakly magnetic. Overall sulphides are in trace amounts	883821		87	89	2.0	233.0	769.0	13.0	22.0	13	47	A19-02374	0.023	0.077	0.013	0.022	0.013	0.005	0.048
						with areas up to 2% locally	883822		89	91	2.0	238.0	1220.0	42.0	73.0	30	40	A19-02374	0.024	0.122	0.042	0.073	0.030	0.004	0.145
						minor zones with epidote alteration, occurs in patches.	883823		91	93	2.0	209.0	1160.0	44.0	74.0	33	39	A19-02374	0.021	0.116	0.044	0.074	0.033	0.004	0.151
						minor fracturing throughout whole unit, in areas with fractures	883824	DUP	91	93		211	1130	41	72	36	40	A19-02374	0.0211	0.113	0.041	0.072	0.036	0.004	0.149
						they tend to be filled with chl and epidote alteration.	883825		93	95	2.0	210.0	1050.0	44.0	74.0	34	33	A19-02374	0.021	0.105	0.044	0.074	0.034	0.003	0.152
						41.50m - 41.90m minor qtz vein, with rusted out py cubes	883826		95	97	2.0	461.0	2020.0	68.0	141.0	63	45	A19-02374	0.046	0.202	0.068	0.141	0.063	0.005	0.272
						on both ends of the vein. Fine to medium grained.	883827		97	99	2.0	397.0	2950.0	152.0	258.0	116	58	A19-02374	0.040	0.295	0.152	0.258	0.116	0.006	0.526
						Gradual transition into LGAB	883828		99	101	2.0	544.0	4110.0	181.0	364.0	170	63	A19-02374	0.054	0.411	0.181	0.364	0.170	0.006	0.715
47.30	75.85	LGAB				medium to coarse grained, white to pink feldspars that have	883829	ME-9	99	101		9360	6210	647	1300	139	152	A19-02374	0.936	0.621	0.647	1.3	0.139	0.0152	2.086
						a slight green epidote and chlorite alteration, small zones through	883830		101	103	2.0	235.0	1450.0	51.0	107.0	68	37	A19-02374	0.024	0.145	0.051	0.107	0.068	0.004	0.226
						the unit resemble LGABC with a purple to brown colour with	883831		103	105	2.0	345.0	1560.0	70.0	109.0	58	55	A19-02374	0.035	0.156	0.070	0.109	0.058	0.006	0.237
						biotite and chl. Trace py mineralization through zone, very	883832		105	107	2.0	353.0	1060.0	17.0	21.0	16	58	A19-02374	0.035	0.106	0.017	0.021	0.016	0.006	0.054
						fine-grained to medium grained.	883833		107	109	2.0	941.0	3900.0	238.0	411.0	149	66	A19-02374	0.094	0.390	0.238	0.411	0.149	0.007	0.798
						56.88m - 59.52m a series of trend fractures, trending at	883834	Blank	107	109		32	16	< 5	< 5	< 2	13	A19-02374	0.0032	0.0016	0.0025	0.0025	0.001	0.0013	0.006
						35 to 45 tca, fractured surfaces are still rough no increased	883835		109	111	2.0	815.0	3720.0	343.0	602.0	229	65	A19-02374	0.082	0.372	0.343	0.602	0.229	0.007	1.174
						alteration or mineralization in this zone	883836		111	113	2.0	844.0	3390.0	410.0	682.0	195	70	A19-02374	0.084	0.339	0.410	0.682	0.195	0.007	1.287
						61.76m - 61.98m large epidote alteration patch.	883837		113	115	2.0	1010.0	5610.0	469.0	752.0	356	77	A19-02374	0.101	0.561	0.469	0.752	0.356	0.008	1.577
						gradual transition into LGABS	883838		115	117	2.0	870.0	4760.0	378.0	653.0	297	60	A19-02374	0.087	0.476	0.378	0.653	0.297	0.006	1.328
75.85	163.45	LGABS				medium to coarse-grained, off white feldspars with an	883839	ME-10	115	117		4760	4480	318	621	96	95	A19-02374	0.476	0.448	0.318	0.621	0.096	0.0095	1.035
						overall purple to brown colour of biotite and chl, unit is massive	883840		117	119	2.0	545.0	3340.0	314.0	509.0	218	51	A19-02374	0.055	0.334	0.314	0.509	0.218	0.005	1.041
						with minor fractures. Sulphide mineralization consists of	883841		119	121	2.0	523.0	3790.0	350.0	569.0	249	54	A19-02374	0.052	0.379	0.350	0.569	0.249	0.005	1.168
						pyrite, pyrrhotite and chalcopyrite, overall sulphides are	883842		121	123	2.0	605.0	4900.0	501.0	791.0	391	63	A19-02374	0.061	0.490	0.501	0.791	0.391	0.006	1.683
						1-2% fine-grained, locally some areas are up to 5% and coarse grained	883843		123	125	2.0	617.0	5000.0	485.0	812.0	348	62	A19-02374	0.062	0.500	0.485	0.812	0.348	0.006	1.645
						typically chalcopyrite is found in more mafic areas. Minor	883844	DUP	123	125		611	4970	495	718	344	63	A19-02374	0.0611	0.497	0.495	0.718	0.344	0.0063	1.557
						intermediate to mafic dyke cut through unit, with little to none	883845		125	127	2.0	564.0	4850.0	491.0	774.0	315	63	A19-02374	0.056	0.485	0.491	0.774	0.315	0.006	1.580
						mineralization.	883846		127	129	2.0	229.0	1620.0	155.0	223.0	105	35	A19-02374	0.023	0.162	0.155	0.223	0.105	0.004	0.483
						82.31m - 82.70m intermediate dyke, fine grained matrix, no min	883847		129	131	2.0	293.0	2360.0	170.0	265.0	138	36	A19-02374	0.029	0.236	0.170	0.265	0.138	0.004	0.573
						88.18m - 89.09m a strongly altered chlorite zone, dark	883848		131	133	2.0	122.0	817.0	53.0	93.0	36	25	A19-02374	0.012	0.082	0.053	0.093	0.036	0.003	0.182
						green in colour, area is soft with coarse grained biotite flakes	883849	ME-9	131	133		9800	6430	710	1350	133	154	A19-02374	0.98	0.643	0.71	1.35	0.133	0.0154	2.193
						93.80m - 94m fault, with core rubbled low recovery.	883850		133	135	2.0	122.0	771.0	33.0	58.0	27	27	A19-02374	0.012	0.077	0.033	0.058	0.027	0.003	0.118
						101.95m two very coarse chalcopyrite grains.	883851		135	137	2.0	101.0	463.0	26.0	35.0	19	26	A19-02374	0.010	0.046	0.026	0.035	0.019	0.003	0.080
						104.21m - 113.12m a LGAB zone, with 2-3% pyrrhotite	883852		137	139	2.0	184.0	568.0	50.0	106.0	14	34	A19-02374	0.018	0.057	0.050	0.106	0.014	0.003	0.170
						mineralization, at 110.71m - 111.17m an intermediate dyke	883853		139	141	2.0	113.0	358.0	36.0	65.0	6	23	A19-02374	0.011	0.036	0.036	0.065	0.006	0.002	0.107
						large bands of pyrrhotite mineralization at 112.80 and 112.83m	883854	Blank	139	141		38	13	6	< 5	< 2	14	A19-02374	0.0038	0.0013	0.006	0.0025	0.001	0.0014	0.0095
						another intermediate dyke at 111.59m - 112m	883855		141	143	2.0	77.0	223.0	< 5	12.0	4	23	A19-02374	0.008	0.022	0.003	0.012	0.004	0.002	0.019
						119.24m - 120.20m LGAB zone	883856		143	145	2.0	50.0	112.0	< 5	5.0	< 2	18	A19-02374	0.005	0.011	0.003	0.005	0.001	0.002	0.009
						130.88m - 131.18m very fine grained mafic dyke with	883857		145	147	2.0	217.0	1530.0	121.0	188.0	85	33	A19-02374	0.022	0.153	0.121	0.188	0.085	0.003	0.394
						feldspar phenocrysts.	883858		147	149	2.0	84.0	342.0	20.0	38.0	10	19	A19-02374	0.008	0.034	0.020	0.038	0.010	0.002	0.068
						135.53m - 136.53 intermediate dyke	883859	ME-10	147	149		4650	4520	348	686	91	98	A19-02374	0.465	0.452	0.348	0.686	0.091	0.0098	1.125
						137.89m - 145.29 LGAB zone	883860		149	151	2.0	521.0	4770.0	283.0	492.0	211	67	A19-02374	0.052	0.477	0.283	0.492	0.211	0.007	0.986
						138.31m Qtz vein with very coarse pyrrhotite grains	883861		151	153	2.0	408.0	3600.0	197.0	356.0	158	52	A19-02374	0.041	0.360	0.197	0.356	0.158	0.005	0.711
						occurring along fractures	883862		153	155	2.0	525.0	4530.0	253.0	456.0	202	60	A19-02374	0.053	0.453	0.253	0.456	0.202	0.006	0.911
163.45	231.67	LGABC				medium to coarse grained, purple to brown with a green	883863		155	157	2.0	845.0	6110.0	416.0	660.0	289	63	A19-02374	0.085	0.611	0.416	0.660	0.289	0.006	1.365
						chl alteration to biotite. Unit is massive that is slightly magnetic	883864	DUP	155	157		867	6150	343	607	269	63	A19-02374	0.0867	0.615	0.343	0.607	0.269	0.0063	1.219
						with trace sulphides. Pyrrhotite and pyrite. Very fine to fine	883865		157	159	2.0	208.0	1290.0	68.0	122.0	51	27	A19-02374	0.021	0.129	0.068	0.122	0.051	0.003	0.241
						grained. Zones throughout LGABC contain more feldspar	883866		159	161	2.0	57.0	186.0	< 5	12.0	7	21	A19-02374	0.006	0.019	0.003	0.012	0.007	0.002	0.022
						and whiter and resemble LGAB													0.000	0.000	0.000	0.000	0.000	0.000	0.000
						168.0m - 168.15m mafic dyke, very fine grained matrix	883867		161	163	2.0	62.0	198.0	23.0	27.0	6	19	A19-02374	0.006	0.020	0.023	0.027	0.006	0.002	0.056

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Ni	Cu	Pt	Pd	Au	Co	PGE
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
						168.68m - 168.80m mafic dyke, very fine grained matrix	883868		163	165	2.0	50.0	126.0	5.0	9.0	2	19	A19-02374	0.005	0.013	0.005	0.009	0.002	0.002	0.016
						minor fractures through LGAB contain epidote alteration	883869	ME-9	163	165		9610	6390	606	1140	147	153	A19-02374	0.961	0.639	0.606	1.14	0.147	0.0153	1.893
						along fractures.	883870		165	167	2.0	52.0	142.0	8.0	9.0	4	18	A19-02374	0.005	0.014	0.008	0.009	0.004	0.002	0.021
						gradual transition into LGAB	883871		167	169	2.0	85.0	437.0	18.0	27.0	14	21	A19-02374	0.009	0.044	0.018	0.027	0.014	0.002	0.059
							883872		169	171	2.0	53.0	121.0	< 5	< 5	2	18	A19-02374	0.005	0.012	0.003	0.003	0.002	0.002	0.007
231.67	234.00	LGAB				medium to coarse grained, with pink to white feldspars	883873		171	173	2.0	52.0	93.0	< 5	12.0	< 2	18	A19-02374	0.005	0.009	0.003	0.012	0.001	0.002	0.016
	EOH					with chl and epidote alteration. Along fractures k-feld	883874	Blank	171	173		35	10	< 5	< 5	< 2	13	A19-02374	0.0035	0.001	0.0025	0.0025	0.001	0.0013	0.006
						alterations occur.	883875		173	175	2.0	51.0	66.0	< 5	6.0	< 2	20	A19-02374	0.005	0.007	0.003	0.006	0.001	0.002	0.010
							883876		175	177	2.0	68.0	214.0	18.0	29.0	5	20	A19-02374	0.007	0.021	0.018	0.029	0.005	0.002	0.052
							883877		177	179	2.0	48.0	140.0	< 5	10.0	4	21	A19-02374	0.005	0.014	0.003	0.010	0.004	0.002	0.017
							883878		179	181	2.0	78.0	377.0	20.0	34.0	14	23	A19-02374	0.008	0.038	0.020	0.034	0.014	0.002	0.068
							883879	ME-10	179	181		4510	4380	293	555	63	92	A19-02374	0.451	0.438	0.293	0.555	0.063	0.0092	0.911
							883880		181	183	2.0	68.0	253.0	15.0	23.0	8	22	A19-02374	0.007	0.025	0.015	0.023	0.008	0.002	0.046
							883881		183	185	2.0	57.0	186.0	< 5	12.0	5	19	A19-02374	0.006	0.019	0.003	0.012	0.005	0.002	0.020
							883882		185	187	2.0	50.0	88.0	14.0	5.0	2	18	A19-02374	0.005	0.009	0.014	0.005	0.002	0.002	0.021
							883883		187	189	2.0	58.0	85.0	< 5	6.0	2	23	A19-02374	0.006	0.009	0.003	0.006	0.002	0.002	0.011
							883884	DUP	187	189		57	83	9	< 5	< 2	22	A19-02374	0.0057	0.0083	0.009	0.0025	0.001	0.0022	0.0125
							883885		189	191	2.0	60.0	106.0	< 5	8.0	3	20	A19-02374	0.006	0.011	0.003	0.008	0.003	0.002	0.014
							883886		191	193	2.0	75.0	98.0	11.0	29.0	3	25	A19-02374	0.008	0.010	0.011	0.029	0.003	0.003	0.043
							883887		193	195	2.0	62.0	70.0	< 5	5.0	< 2	21	A19-02374	0.006	0.007	0.003	0.005	0.001	0.002	0.009
							883888		195	197	2.0	68.0	74.0	< 5	11.0	< 2	24	A19-02374	0.007	0.007	0.003	0.011	0.001	0.002	0.015
							883889	ME-9	195	197		9730	6440	659	1280	142	149	A19-02374	0.973	0.644	0.659	1.28	0.142	0.0149	2.081
							883890		197	199	2.0	66.0	102.0	< 5	11.0	< 2	24	A19-02374	0.007	0.010	0.003	0.011	0.001	0.002	0.015
							883891		199	201	2.0	67.0	118.0	< 5	6.0	< 2	28	A19-02374	0.007	0.012	0.003	0.006	0.001	0.003	0.010
							883892		201	203	2.0	66.0	125.0	7.0	< 5	< 2	29	A19-02374	0.007	0.013	0.007	0.003	0.001	0.003	0.011
							883893		203	205	2.0	65.0	92.0	< 5	< 5	< 2	25	A19-02374	0.007	0.009	0.003	0.003	0.001	0.003	0.006
							883894	Blank	203	205		32	10	< 5	< 5	< 2	10	A19-02374	0.0032	0.001	0.0025	0.0025	0.001	0.001	0.006
							883895		205	207	2.0	63.0	129.0	< 5	< 5	< 2	24	A19-02374	0.006	0.013	0.003	0.003	0.001	0.002	0.006
							883896		207	209	2.0	57.0	118.0	< 5	< 5	< 2	22	A19-02374	0.006	0.012	0.003	0.003	0.001	0.002	0.006

EAGLE ROCK - DIAMOND DRILL CORE LOG

NTS:		
UTM	Easting	524971
(Nad83)	Northing	5450853
Elevation (m):		423
Dip at Collar:		-63
Azimuth:		45
Length (m):		189
Core Size:		NQ
Remarks:		Core stored on site at Plomp Farm Core Shack

Proposed ddh - B

DDH: ER19-29

Licence:
PROJECT: Eagle Rock
START:
FINISH:
DRILLING: Distinctive Drilling
GEOLOGIST: Ethan Beardy
GEOTECH:

REFLEX- DOWNHOLE SURVEY

Depth	Dip	Az	Valid Az	Depth	Dip	Az	Valid Az
Casing	-63.00	45.00		189	-59.70	52.00	
30	62.60	49.90					
60	-62.20	52.10					
90	-61.80	50.70					
120	-61.40	60.90					
150	-60.50	67.60					

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Calculated						
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		Ni	Cu	Pt	Pd	Au	Co	PGE
																			%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
~6.50	7.10	OB					883897		44	46	2.0	332.0	1790.0	95.0	167.0	68	45	A19-02374	0.033	0.179	0.095	0.167	0.068	0.005	0.330
7.10	46.50	LGABC				medium to coarse grained, with off white feldspars cumulate	883898		46	48	2.0	695.0	3370.0	200.0	361.0	151	67	A19-02374	0.070	0.337	0.200	0.361	0.151	0.007	0.712
						and an overall purple to brown colour, rich in biotite and chl.	883899	ME-10	46	48	0.0	4450	4220	321	622	71	94	A19-02374	0.445	0.422	0.321	0.622	0.071	0.0094	1.014
						slightly magnetic unit, with multiple faults running through.	883900		48	50	2.0	485.0	2450.0	118.0	214.0	102	69	A19-02374	0.049	0.245	0.118	0.214	0.102	0.007	0.434
						11.04m fault, low recovery of core, core is rubbled	883901		50	52	2.0	536.0	3880.0	199.0	353.0	170	74	A19-02374	0.054	0.388	0.199	0.353	0.170	0.007	0.722
						25.03m fault, low recovery of core, core is rubbled	883902		52	54	2.0	542.0	2890.0	130.0	249.0	113	51	A19-02374	0.054	0.289	0.130	0.249	0.113	0.005	0.492
						a red minor k-feld alteration is present throughout feldspar	883903		54	56	2.0	570.0	2990.0	152.0	259.0	100	45	A19-02374	0.057	0.299	0.152	0.259	0.100	0.005	0.511
						rich areas	883904	DUP	54	56	0.0	568	3040	145	264	106	45	A19-02374	0.0568	0.304	0.145	0.264	0.106	0.0045	0.515
						31.04m fault, low recovery	883905		56	58	2.0	904.0	4720.0	215.0	389.0	162	64	A19-02374	0.090	0.472	0.215	0.389	0.162	0.006	0.766
						31.10m - 34.50m mafic zone of LGABC with white	883906		58	60	2.0	793.0	4500.0	251.0	432.0	153	62	A19-02374	0.079	0.450	0.251	0.432	0.153	0.006	0.836
						medium grained feldspar phenocrysts, highly fractured mafic zone	883907		60	62	2.0	810.0	4570.0	244.0	424.0	188	55	A19-02374	0.081	0.457	0.244	0.424	0.188	0.006	0.856
						highly altered by chlorite													0.000						
						34.84m *lost core in wash*	883908		62	64	2.0	638.0	3610.0	189.0	346.0	149	47	A19-02374	0.064	0.361	0.189	0.346	0.149	0.005	0.684
						35..35m - 36.43m fault, fractured surfaces are soft and smooth	883909	ME-9	62	64	0.0	9850	6430	627	1280	152	149	A19-02374	0.985	0.643	0.627	1.28	0.152	0.0149	2.059
						multiple fractures throughout no trend observed through fractures	883910		64	66	2.0	488.0	2740.0	127.0	247.0	110	44	A19-02374	0.049	0.274	0.127	0.247	0.110	0.004	0.484
						40.82m - 42.75 mafic zone with white medium grained	883911		66	68	2.0	437.0	2680.0	127.0	251.0	121	42	A19-02374	0.044	0.268	0.127	0.251	0.121	0.004	0.499
						feldspar phenocrysts, strong chl alteration	883912		68	70	2.0	557.0	3380.0	225.0	416.0	182	47	A19-02374	0.056	0.338	0.225	0.416	0.182	0.005	0.823
						43.17m - 49.46m fault zone, low recovery	883913		70	72	2.0	946.0	5780.0	459.0	783.0	335	70	A19-02374	0.095	0.578	0.459	0.783	0.335	0.007	1.577
						gradual transition in to LGABS	883914	Blank	70	72	0.0	37	32	< 5	< 5	4	11	A19-02374	0.0037	0.0032	0.0025	0.0025	0.004	0.0011	0.009
46.50	111.95	LGABS				medium to coarse grained, white to grey unit, with creamy to	883915		72	74	2.0	1010.0	5970.0	446.0	852.0	317	77	A19-02374	0.101	0.597	0.446	0.852	0.317	0.008	1.615
						off white feldspars, biotite and chl rich. This LGABS differs	883916		74	76	2.0	816.0	5370.0	364.0	673.0	273	59	A19-02374	0.082	0.537	0.364	0.673	0.273	0.006	1.310
						from previous holes, as the purple to brown colour typically	883917		76	78	2.0	841.0	5910.0	378.0	737.0	305	68	A19-02374	0.084	0.591	0.378	0.737	0.305	0.007	1.420
						observed isn't as present. Sulphide mineralization consists	883918		78	80	2.0	1080.0	7640.0	503.0	976.0	397	81	A19-02374	0.108	0.764	0.503	0.976	0.397	0.008	1.876
						of pyrite, pyrrhotite and chalcopyrite, overall a fine-grained	883919	ME-10	78	80	0.0	4560	4310	283	559	52	94	A19-02374	0.456	0.431	0.283	0.559	0.052	0.0094	0.894
						disseminated texture is observed. 1-2% over unit, locally up to	883920		80	82	2.0	655.0	4810.0	307.0	530.0	223	53	A19-02374	0.066	0.481	0.307	0.530	0.223	0.005	1.060
						5% with areas of medium grained pyrite and pyrrhotite. Chalcopyrite	883921		82	84	2.0	486.0	3340.0	206.0	355.0	152	44	A19-02374	0.049	0.334	0.206	0.355	0.152	0.004	0.713
						typically occurs as very fine individual grains or occurs along	883922		84	86	2.0	655.0	4150.0	273.0	472.0	188	59	A19-02374	0.066	0.415	0.273	0.472	0.188	0.006	0.933
						grain boundaries of pyrite and pyrrhotite.	883923		86	88	2.0	777.0	4920.0	339.0	588.0	214	64	A19-02374	0.078	0.492	0.339	0.588	0.214	0.006	1.141
						Minor areas through LGABS are feldspar rich and predominantly off	883924	DUP	86	88	0.0	767	4860	305	550	195	66	A19-02374	0.0767	0.486	0.305	0.55	0.195	0.0066	1.05
						white in colour but still have mineralization.	883925		88	90	2.0	1100.0	6810.0	451.0	780.0	309	84	A19-02374	0.110	0.681	0.451	0.780	0.309	0.008	1.540
						unit is massive and weakly fractured.	883926		90	92	2.0	865.0	5950.0	424.0	724.0	292	68	A19-02374	0.087	0.595	0.424	0.724	0.292	0.007	1.440
						98.70m - 98.94m orange/red potassic rich intrusion, sharp	883927		92	94	2.0	701.0	4500.0	289.0	500.0	189	59	A19-02374	0.070	0.450	0.289	0.500	0.189	0.006	0.978
						contact, no mineralization	883928		94	96	2.0	638.0	4190.0	300.0	526.0	187	54	A19-02467	0.064	0.419	0.300	0.526	0.187	0.005	1.013
						107.50m - 107.96m intermediate dyke that has been strongly	883929	ME-9	94	96	0.0	9940	6240	695	1370	202	154	A19-02467	0.994	0.624	0.695	1.37	0.202	0.0154	2.267
						altered by chlorite, trace sulphide mineralization	883930		96	98	2.0	684.0	2930.0	306.0	529.0	100	61	A19-02467	0.068	0.293	0.306	0.529	0.100	0.006	0.935
						gradual transition in to LGABC	883931		98	100	2.0	490.0	1160.0	212.0	385.0	40	46	A19-02467	0.049	0.116	0.212	0.385	0.040	0.005	0.637
111.95	189.00	LGABC				medium to coarse grained, purple to brown biotite and chl rich	883932		100	102	2.0	392.0	1090.0	177.0	312.0	35	47	A19-02467	0.039	0.109	0.177	0.312	0.035	0.005	0.524
	EOH					with creamy to off white feldspar. LGABC is more purple to	883933		102	104	2.0	122.0	370.0	39.0	78.0	13	21	A19-02467	0.012	0.037	0.039	0.078	0.013	0.002	0.130
						brown in colour compared to above lying LGABS, it also	883934	Blank	102	104		32	13	< 5	< 5	< 2	12	A19-02467	0.0032	0.0013	0.0025	0.0025	0.001	0.0012	0.006
						contains less sulphide mineralization. Sulphide mineralization	883935		104	106	2.0	142.0	701.0	54.0	89.0	18	23	A19-02467	0.014	0.070	0.054	0.089	0.018	0.002	0.161
						is still present but in trace amounts and only contains	883936		106	108	2.0	194.0	553.0	89.0	151.0	18	33	A19-02467	0.019	0.055	0.089	0.151	0.018	0.003	0.258
						pyrite and pyrrhotite. No chalcopyrite is observed like overlying	883937		108	110	2.0	169.0	598.0	55.0	88.0	13	31	A19-02467	0.017	0.060	0.055	0.088	0.013	0.003	0.156
						LGABS. Areas through the LGABC contain no mineralization	883938		110	112	2.0	68.0	150.0	< 5	13.0	3	22	A19-02467	0.007	0.015	0.003	0.013	0.003	0.002	0.019
						and typically have less biotite and chlorite and are feldspar	883939	ME-10	110	112		4430	4130	292	577	98	91	A19-02467	0.443	0.413	0.292	0.577	0.098	0.0091	0.967
						rich. The end of hole continues through the LGABC but	883940		112	114	2.0	79.0	364.0	17.0	29.0	13	22	A19-02467	0.008	0.036	0.017	0.029	0.013	0.002	0.059
						observed there is no mineralization.	883941		114	116	2.0	101.0	371.0	27.0	48.0	13	25	A19-02467	0.010	0.037	0.027	0.048	0.013	0.003	0.088
						115.45m - 116.33m Mafic dyke, fine-grained with white	883942		116	118	2.0	73.0	245.0	9.0	10.0	5	23	A19-02467	0.007	0.025	0.009	0.010	0.005	0.002	0.024
						feldspar phenocrysts,	883943		118	120	2.0	68.0	197.0	5.0	8.0	4	22	A19-02467	0.007	0.020	0.005	0.008	0.004	0.002	0.017
						strong epidote alteration zones occurs along fractures in	883944	DUP	118	120		70	206	6	9	3	26	A19-02467	0.007	0.0206	0.006	0.009	0.003	0.0026	0.018
						areas that are rich in feldspar. .	883945		120	122	2.0	80.0	251.0	7.0	11.0	3	24	A19-02467	0.008	0.025	0.007	0.011	0.003	0.002	0.021

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Ni	Cu	Pt	Pd	Au	Co	PGE
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
						159.05m - 159.85m felsic to intermediate dyke, very fine-grained	883946		122	124	2.0	77.0	286.0	11.0	18.0	< 2	28	A19-02467	0.008	0.029	0.011	0.018	0.001	0.003	0.030
						light grey to beige in colour. No mineralization, sharp contacts.	883947		124	126	2.0	67.0	207.0	15.0	17.0	4	23	A19-02467	0.007	0.021	0.015	0.017	0.004	0.002	0.036
						166.61m - 167.0m mafic dyke	883948		126	128	2.0	86.0	348.0	13.0	22.0	8	29	A19-02467	0.009	0.035	0.013	0.022	0.008	0.003	0.043
						172.79m - 174.10m mafic dyke	883949	ME-9	126	128		9340	6100	673	1360	137	148	A19-02467	0.934	0.61	0.673	1.36	0.137	0.0148	2.17
							883950		128	130	2.0	61.0	157.0	< 5	6.0	2	22	A19-02467	0.006	0.016	0.003	0.006	0.002	0.002	0.011
							883951		130	132	2.0	61.0	138.0	< 5	< 5	< 2	23	A19-02467	0.006	0.014	0.003	0.003	0.001	0.002	0.006
							883952		132	134	2.0	55.0	163.0	12.0	12.0	2	22	A19-02467	0.006	0.016	0.012	0.012	0.002	0.002	0.026
							883953		134	136	2.0	60.0	132.0	< 5	6.0	< 2	21	A19-02467	0.006	0.013	0.003	0.006	0.001	0.002	0.010
							883954	Blank	134	136		37	11	< 5	< 5	< 2	13	A19-02467	0.0037	0.0011	0.0025	0.0025	0.001	0.0013	0.006
							883955		136	138	2.0	56.0	116.0	< 5	< 5	< 2	21	A19-02467	0.006	0.012	0.003	0.003	0.001	0.002	0.006
							883956		138	140	2.0	53.0	122.0	7.0	8.0	< 2	20	A19-02467	0.005	0.012	0.007	0.008	0.001	0.002	0.016
							883957		140	142	2.0	58.0	99.0	9.0	6.0	< 2	23	A19-02467	0.006	0.010	0.009	0.006	0.001	0.002	0.016
							883958		142	144	2.0	60.0	73.0	< 5	< 5	< 2	21	A19-02467	0.006	0.007	0.003	0.003	0.001	0.002	0.006
							883959	ME-10	142	144		59	71	< 5	< 5	< 2	21	A19-02467	0.0059	0.0071	0.0025	0.0025	0.001	0.0021	0.006
							883960		144	146	2.0	61.0	99.0	< 5	< 5	< 2	23	A19-02467	0.006	0.010	0.003	0.003	0.001	0.002	0.006
							883961		146	148	2.0	55.0	120.0	< 5	< 5	< 2	23	A19-02467	0.006	0.012	0.003	0.003	0.001	0.002	0.006
							883962		148	150	2.0	57.0	178.0	< 5	< 5	< 2	28	A19-02467	0.006	0.018	0.003	0.003	0.001	0.003	0.006
							883963		150	152	2.0	60.0	111.0	< 5	< 5	< 2	25	A19-02467	0.006	0.011	0.003	0.003	0.001	0.003	0.006
							883964	DuP	150	152		36	12	< 5	< 5	< 2	13	A19-02467	0.0036	0.0012	0.0025	0.0025	0.001	0.0013	0.006
							883965		152	154	2.0	57.0	193.0	< 5	< 5	< 2	27	A19-02467	0.006	0.019	0.003	0.003	0.001	0.003	0.006
							883966		154	156	2.0	50.0	83.0	< 5	< 5	< 2	22	A19-02467	0.005	0.008	0.003	0.003	0.001	0.002	0.006
							883967		156	158	2.0	50.0	72.0	< 5	< 5	< 2	23	A19-02467	0.005	0.007	0.003	0.003	0.001	0.002	0.006
							883968		158	160	2.0	40.0	212.0	< 5	< 5	< 2	25	A19-02467	0.004	0.021	0.003	0.003	0.001	0.003	0.006
							883969	ME-9	158	160		41.0	212.0	< 5	< 5	< 2	25	A19-02467	0.004	0.021	0.003	0.003	0.001	0.003	0.006
							883970		160	162	2.0	49.0	109.0	< 5	< 5	< 2	24	A19-02467	0.005	0.011	0.003	0.003	0.001	0.002	0.006

EAGLE ROCK - DIAMOND DRILL CORE LOG

NTS:		
UTM	Easting	525133
(Nad83)	Northing	5450645
Elevation (m):		423
Dip at Collar:		-58
Azimuth:		49
Length (m):		153
Core Size:		NQ
Remarks:		Core stored on site at Plomp Farm Core Shack

Proposed ddh - A

DDH: ER19-30

Licence:
PROJECT: Eagle Rock
START:
FINISH:
DRILLING: Distinctive Drilling
GEOLOGIST: Ethan Beardy
GEOTECH:

REFLEX- DOWNHOLE SURVEY

Depth	Dip	Az	Valid Az
Casing	-58.00	49.00	
30	-58.40	49.50	
60	-57.60	52.60	
90	-55.80	55.40	
120	-55.70	61.30	

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Calculated						
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		Ni	Cu	Pt	Pd	Au	Co	PGE
																			%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
3.50	4.00	OB					883971		89	91	2.0	203.0	1120.0	62.0	98.0	48	34		0.020	0.112	0.062	0.098	0.048	0.003	0.208
4.00	77.83	LGABC				massive unit, weakly fractured, no mineralization, medium	883972		91	93	2.0	622.0	4140.0	267.0	482.0	216	61		0.062	0.414	0.267	0.482	0.216	0.006	0.965
						to coarse grained, overall mainly purple to brown in colour	883973		93	95	2.0	1070.0	6510.0	496.0	834.0	390	69		0.107	0.651	0.496	0.834	0.390	0.007	1.720
						and rich in biotite and chl, minor zones of LGAB with white to pink	883974	Blank	93	95		38	37	< 5	< 5	3	15		0.0038	0.0037	0.0025	0.0025	0.003	0.0015	0.008
						coarse grained feldspar and little biotite, other mafic zones	883975		95	97	2.0	923.0	4110.0	318.0	521.0	242	64		0.092	0.411	0.318	0.521	0.242	0.006	1.081
						are present and are strongly altered by chl.	883976		97	99	2.0	387.0	1910.0	144.0	208.0	97	42		0.039	0.191	0.144	0.208	0.097	0.004	0.449
						An overall moderate chl alteration is observed	883977		99	101	2.0	86.0	306.0	10.0	20.0	9	24		0.009	0.031	0.010	0.020	0.009	0.002	0.039
						and locally in feldspar rich areas there is epidote alteration	883978		101	103	2.0	94.0	369.0	18.0	30.0	14	20		0.009	0.037	0.018	0.030	0.014	0.002	0.062
						fractured surfaces are chl altered, in LGAB zones minor	883979	ME-10	101	103		95	382	20	32	13	20		0.0095	0.0382	0.02	0.032	0.013	0.002	0.065
						k-feld alteration occurs	883980		103	105	2.0	138.0	584.0	24.0	46.0	20	24		0.014	0.058	0.024	0.046	0.020	0.002	0.090
						16.33m - 19.94m LGAB	883981		105	107	2.0	110.0	422.0	26.0	33.0	15	22		0.011	0.042	0.026	0.033	0.015	0.002	0.074
						28.18m thin qtz carbonate vein? That has be strongly	883982		107	109	2.0	189.0	933.0	58.0	108.0	47	27		0.019	0.093	0.058	0.108	0.047	0.003	0.213
						altered by epidote, vein runs 75 tca	883983		109	111	2.0	215.0	1240.0	66.0	129.0	55	27		0.022	0.124	0.066	0.129	0.055	0.003	0.250
						43.95m - 48.08m LGAB	883984	DUP	109	111		34	18	< 5	< 5	< 2	12		0.0034	0.0018	0.0025	0.0025	0.001	0.0012	0.006
						54.39m qtz vein, 60 tca, no mineralization, epidote alteration	883985		111	113	2.0	221.0	1380.0	78.0	134.0	70	28		0.022	0.138	0.078	0.134	0.070	0.003	0.282
						73.80m - 74.05m mafic dyke, very fine-grained	883986		113	115	2.0	118.0	577.0	28.0	56.0	24	22		0.012	0.058	0.028	0.056	0.024	0.002	0.108
77.83	85.73	MD				very fine-grained matrix, with fine to medium feldspar	883987		115	117	2.0	76.0	202.0	7.0	18.0	6	22		0.008	0.020	0.007	0.018	0.006	0.002	0.031
						phenocrysts. A strong chlorite alteration, with sharp contacts	883988		117	119	2.0	87.0	294.0	13.0	24.0	7	22		0.009	0.029	0.013	0.024	0.007	0.002	0.044
						at both lower and upper contact	883989	ME-9	117	119		88	278	9	26	8	23		0.0088	0.0278	0.009	0.026	0.008	0.0023	0.043
85.73	106.93	LGABS				Medium to coarse grained, dark grey to purple in colour, with fine to medium grained	883990		119	121	2.0	85.0	314.0	8.0	26.0	11	23		0.009	0.031	0.008	0.026	0.011	0.002	0.045
						feldspar phenocrysts, mineralization consists of chalcopyrite	883991		121	123	2.0	72.0	235.0	9.0	13.0	7	21		0.007	0.024	0.009	0.013	0.007	0.002	0.029
						pyrite and pyrrhotite, overall 2-3%, very fine to fine-grained	883992		123	125	2.0	63.0	160.0	6.0	10.0	5	19		0.006	0.016	0.006	0.010	0.005	0.002	0.021
						disseminated texture. Unit displays a moderate chlorite alteration	883993		125	127	2.0	40.0	28.0	< 5	7.0	< 2	21		0.004	0.003	0.003	0.007	0.001	0.002	0.011
						unit is massive and weakly fractured, upper contact with MD is	883994	Blank	125	127		31	11	< 5	< 5	< 2	12		0.0031	0.0011	0.0025	0.0025	0.001	0.0012	0.006
						sharp and lower contact is gradual.	883995		127	129	2.0	24.0	39.0	< 5	< 5	< 2	19		0.002	0.004	0.003	0.003	0.001	0.002	0.006
						One fault through unit at 94.90m - 95.60m low recovery of core,	883996		129	131	2.0	68.0	76.0	5.0	9.0	< 2	19		0.007	0.008	0.005	0.009	0.001	0.002	0.015
						Areas through zone contain higher percent of creamy white	883997		131	133	2.0	180.0	605.0	46.0	82.0	21	36		0.018	0.061	0.046	0.082	0.021	0.004	0.149
						feldspars still contain mineralization. The more purple areas in	883998		133	135	2.0	706.0	2020.0	203.0	292.0	34	66		0.071	0.202	0.203	0.292	0.034	0.007	0.529
						LGABS contain less sulphides than the dark grey more mafic areas	883999	ME-10	133	135		624	1870	196	315	35	59		0.0624	0.187	0.196	0.315	0.035	0.0059	0.546
106.93	151.95	LGABC				mineralized LGABC, medium to coarse grained, purple to brown in colour	884000		135	137	2.0	294.0	1340.0	95.0	172.0	85	34		0.029	0.134	0.095	0.172	0.085	0.003	0.352
						with biotite and chl, feldspar is medium grained and off white	884001		137	139	2.0	447.0	2390.0	187.0	305.0	121	45		0.045	0.239	0.187	0.305	0.121	0.005	0.613
						An overall moderate chl alteration is observed giving unit a green colour	884002		139	141	2.0	648.0	3290.0	262.0	448.0	191	52		0.065	0.329	0.262	0.448	0.191	0.005	0.901
						sulphide mineralization is trace to 1%, very-fine grained and disseminated	884003		141	143	2.0	70.0	155.0	< 5	7.0	8	20		0.007	0.016	0.003	0.007	0.008	0.002	0.018
						the chalcopyrite content is decreased in this zone compared to	884004	Blank	141	143		32	14	< 5	< 5	< 2	11		0.0032	0.0014	0.0025	0.0025	0.001	0.0011	0.006
						125.18m -126.21m a feldspar rich zone, that has been strongly																			
						altered by epidote																			
						126.38m - 128.57m very fine-grained felsic to intermediate dyke																			
						red to beige in colour, trace pyrrhotite mineralization very fine grained																			
						both upper and lower contacts sharp.																			
						131.64m - 135.09m mafic dyke, trace mineralization, fine grained																			
						matrix, with medium to coarse grained white to pink feldspar																			
						phenocrysts, sharp contacts.																			
						131.93m coarse grained pyrrhotite clast, with chalcopyrite and pyrite																			
						occurring around and within pyrrhotite, occurs in a more mafic zone																			
						of the LGABC																			
						mineralization decreases to trace amounts at approx. at 140.50m																			
151.95	153.00	LGAB				medium to coarse grained white to pink feldspar with a moderate																			
	EOH					chlorite alteration. With minor epidote alteration patches and																			
						reddish orange k-feld alteration to feldspars																			

EAGLE ROCK - DIAMOND DRILL CORE LOG

NTS:		
UTM	Easting	525204
(Nad83)	Northing	5450611
Elevation (m):		428
Dip at Collar:		-50
Azimuth:		45
Length (m):		183
Core Size:		NQ
Remarks:		Core stored on site at Plomp Farm Core Shack

Proposed ddh - I

DDH: ER19-31

Licence:
PROJECT: Eagle Rock
START:
FINISH:
DRILLING: Distinctive Drilling
GEOLOGIST: Ethan Beardy
GEOTECH:

REFLEX- DOWNHOLE SURVEY

Depth	Dip	Az	Valid Az
Casing	-50.00	45.00	
30	-539.00	45.50	
60	-52.90	47.00	
90	-51.80	56.00	
150	-60.10	312.60	
183	-48.20	69.10	

GEOLOGY							SAMPLE		INTERVAL		WIDTH	Ni	Cu	Pt	Pd	Au	Co	Job	Calculated Ni	Cu	Pt	Pd	Au	Co	PGE
From	To	Maj Rock	From	To	Min Rock	Comments	No.	QC	FROM	TO		ppm:AR-ICP	ppm:AR-ICP	ppb:FA/ICP	ppb:FA/ICP	ppb:FA/ICP	ppm:AR-ICP		%:AR-ICP	%:AR-ICP	ppm:FA/ICP	ppm:FA/ICP	ppm:FA/ICP	%:AR-ICP	ppm:FA/ICP
~2.40	50.84	MGAB				fine-grained, grey to black in colour, predominant mafic material,	884005		80	82	2.0	43.0	189.0	5.0	< 5	< 2	15		0.004	0.019	0.005	0.003	0.001	0.002	0.009
						biotite and hbl, faded white to pink feldspars, unit is massive, a	884006		82	84	2.0	43.0	178.0	< 5	< 5	< 2	16		0.004	0.018	0.003	0.003	0.001	0.002	0.006
						moderate chlorite alteration with no mineralization. Fractured surface	884007		84	86	2.0	51.0	228.0	7.0	6.0	3	15		0.005	0.023	0.007	0.006	0.003	0.002	0.016
						are altered by chl. Feldspar phenocrysts range from fine to medium-grained	884008		86	88	2.0	407.0	2890.0	117.0	222.0	99	41		0.041	0.289	0.117	0.222	0.099	0.004	0.438
						36.55m - 42.0m extensive fracturing through this area, no trends	884009	DUP	86	88		404.0	2700.0	125.0	239.0	100	40		0.040	0.270	0.125	0.239	0.100	0.004	0.464
						observed through fractures. A gradual transition out of unit	884010		88	90	2.0	1180.0	5500.0	227.0	431.0	195	49		0.118	0.550	0.227	0.431	0.195	0.005	0.853
50.84	57.80	LGABC				medium-grained, purple to brown in colour, rich in chl and biotite, feldspars	884011		90	92	2.0	347.0	1460.0	55.0	116.0	50	25		0.035	0.146	0.055	0.116	0.050	0.003	0.221
						when present creamy to off white, no mineralization	884012		92	94	2.0	105.0	353.0	17.0	20.0	10	18		0.011	0.035	0.017	0.020	0.010	0.002	0.047
						56.74m - 57.75m MGAB zone with medium grained white feldspar	884013		94	96	2.0	86.0	243.0	< 5	8.0	3	18		0.009	0.024	0.003	0.008	0.003	0.002	0.014
						phenocrysts, trace very fine-grained py and pyr.	884014	Blank	94	96		32.0	11.0	< 5	< 5	< 2	13		0.003	0.001	0.003	0.003	0.001	0.001	0.006
57.80	67.85	LGAB				white to pink medium to coarse grained feldspars, with fine grained	884015		96	98	2.0	109.0	296.0	7.0	17.0	5	23		0.011	0.030	0.007	0.017	0.005	0.002	0.029
						biotite and hbl, minor areas of mafic clots and slight purple to brown closer	884016		98	100	2.0	68.0	192.0	< 5	8.0	< 2	19		0.007	0.019	0.003	0.008	0.001	0.002	0.012
						to lower contact.	884017		100	102	2.0	66.0	175.0	< 5	8.0	< 2	19		0.007	0.018	0.003	0.008	0.001	0.002	0.012
						60.35m - 60.75m mafic dyke	884018		102	104	2.0	72.0	257.0	7.0	12.0	3	21		0.007	0.026	0.007	0.012	0.003	0.002	0.022
						weak epidote alteration to feldspar rich zones, along fractures a moderate	884019	DUP	102	104		68.0	243.0	15.0	16.0	5	18		0.007	0.024	0.015	0.016	0.005	0.002	0.036
						chl alteration occurs.	884020		104	106	2.0	63.0	224.0	8.0	11.0	3	18		0.006	0.022	0.008	0.011	0.003	0.002	0.022
67.85	71.88	MGAB				fine to medium grained, dark grey in colour, made up of mafic material,	884021		106	108	2.0	62.0	222.0	5.0	10.0	3	16		0.006	0.022	0.005	0.010	0.003	0.002	0.018
						biotite and hbl, fine-grained off white feldspar phenocrysts throughout	884022		108	110	2.0	62.0	208.0	< 5	7.0	< 2	18		0.006	0.021	0.003	0.007	0.001	0.002	0.011
						no mineralization, moderately altered by chlorite.	884023		110	112	2.0	118.0	522.0	18.0	49.0	19	24		0.012	0.052	0.018	0.049	0.019	0.002	0.086
71.88	128.31	LGABS				medium to coarse-grained, purple to brown in colour, rich in biotite and	884024	Blank	110	112		39.0	19.0	< 5	< 5	< 2	14		0.004	0.002	0.003	0.003	0.001	0.001	0.006
						chlorite, a massive unit with little fracturing, weakly magnetic, trace sulphides	884025		112	114	2.0	72.0	263.0	8.0	14.0	5	19		0.007	0.026	0.008	0.014	0.005	0.002	0.027
						locally up to 2-3%, fine-grained disseminated. Very weakly mineralized	884026		114	116	2.0	64.0	191.0	< 5	10.0	2	21		0.006	0.019	0.003	0.010	0.002	0.002	0.015
						compared to previous holes.	884027		116	118	2.0	186.0	881.0	42.0	77.0	30	29		0.019	0.088	0.042	0.077	0.030	0.003	0.149
						81.22m - 81.35m qtz vein, 35 tca, no mineralization, sharp contacts.	884028		118	120	2.0	80.0	306.0	< 5	18.0	7	21		0.008	0.031	0.003	0.018	0.007	0.002	0.028
						irregular in shape, biotite content increases around and within vein.	884029	DUP	118	120		73.0	282.0	14.0	21.0	6	20		0.007	0.028	0.014	0.021	0.006	0.002	0.041
						85.95m - 91.06m increased sulphide zone, locally 2-3% very fine grained	884030		120	122	2.0	61.0	165.0	< 5	6.0	< 2	20		0.006	0.017	0.003	0.006	0.001	0.002	0.010
						to medium grained blebs, includes pyrite, pyrrhotite and chalcopyrite	884031		122	124	2.0	59.0	173.0	< 5	< 5	< 2	22		0.006	0.017	0.003	0.003	0.001	0.002	0.006
						86.81m - 87.05m fault, strong chl alteration, and a mafic rich zone	884032		124	126	2.0	67.0	184.0	< 5	< 5	< 2	24		0.007	0.018	0.003	0.003	0.001	0.002	0.006
						97.14m - 98.38m fault, highly fractured, no increase in mineralization	884033		126	128	2.0	70.0	177.0	6.0	< 5	< 2	25		0.007	0.018	0.006	0.003	0.001	0.003	0.010
						fractured surfaces are weathered and altered by chl, fault zone is	884034	blank	126	128		31.0	10.0	< 5	< 5	< 2	12		0.003	0.001	0.003	0.003	0.001	0.001	0.006
						rich in feldspar compared to rest of unit.																			
128.31	183.00	LGABC				medium to coarse-grained, massive unit with little fractures, unit is weakly																			
	EOH					mineralized in locals with trace amounts, the unit has a overall purple to brown																			
						in colour rich in biotite and chlorite, feldspar is off white to creamy. Unit is mixed																			
						with feldspar rich areas of LGAB																			
						134.88m qtz carbonate vein surrounded by biotite and hbl, through a																			
						mafic area.																			
						137.11m reddish orange k-feld alteration band through LGABC, three cm																			
						thick.																			
						144.48m - 146.14 LGAB medium to coarse grained off white feldspars																			
						with green chl alteration																			
						147.91m - 148.38 LGAB																			
						149.48m - 149.98m LGAB																			
						fractures in LGAB zones typically altered by epidote.																			
						167.47m - 169.67m a mafic rich zone with white fine to medium grained																			
						phenocrysts, matrix is fine-grained, trace very fine-grained pyrrhotite																			
						weak chlorite alteration.																			
						175.22m - 177.37m LGAB, with orange K-feld alteration																			
						182.60m - 183.0m LGAB																			

APPENDIX

B ASSAY CERTIFICATES

Quality Analysis ... *Innovative Technologies*

Date Submitted: 11-Feb-19
Invoice No.: A19-02118
Invoice Date: 05-Mar-19
Your Reference: EAGLE ROCK

Champion Bear Resources
2005-9th Street S.W.
Calgary AB T2T 3C4
Canada

ATTN: President Richard Kantor

CERTIFICATE OF ANALYSIS

180 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1C-OES-Tbay Fire Assay ICPOES (QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A19-02118**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
882559	< 2	< 5	< 5	< 0.2	< 0.5	105	347	< 1	34	8	61	2.60	19	14	88	< 0.5	< 2	2.39	21	34	3.26	< 10	< 1
882560	< 2	< 5	< 5	0.3	< 0.5	99	262	< 1	33	7	47	2.58	< 2	< 10	79	< 0.5	< 2	2.59	18	29	3.32	< 10	< 1
882561	< 2	< 5	< 5	< 0.2	< 0.5	105	221	< 1	38	5	38	2.60	< 2	< 10	95	< 0.5	< 2	2.46	21	29	3.53	< 10	< 1
882562	< 2	< 5	< 5	< 0.2	< 0.5	106	221	< 1	30	12	36	2.72	< 2	< 10	113	< 0.5	< 2	2.68	20	29	3.37	< 10	< 1
882563	< 2	< 5	< 5	< 0.2	< 0.5	117	204	< 1	29	4	34	2.63	< 2	< 10	113	< 0.5	< 2	2.72	17	27	3.31	< 10	< 1
882564	< 2	< 5	< 5	0.2	< 0.5	105	218	< 1	29	5	37	2.61	< 2	< 10	99	< 0.5	< 2	2.59	17	28	3.36	< 10	< 1
882565	158	1270	665	3.6	1.4	7000	660	4	9430	34	106	2.91	< 2	< 10	16	< 0.5	5	1.76	156	147	13.3	< 10	1
882566	2	5	< 5	0.3	< 0.5	128	212	< 1	33	6	46	2.28	< 2	< 10	95	< 0.5	< 2	2.24	17	28	3.27	< 10	< 1
882567	< 2	< 5	< 5	0.2	< 0.5	165	237	2	47	5	34	2.58	< 2	< 10	101	< 0.5	< 2	2.72	17	30	3.12	< 10	< 1
882568	< 2	< 5	< 5	0.2	< 0.5	89	214	< 1	38	6	39	2.57	< 2	< 10	101	< 0.5	< 2	2.52	21	29	3.32	< 10	< 1
882569	3	7	< 5	0.4	< 0.5	156	232	< 1	53	5	38	2.68	< 2	< 10	108	< 0.5	< 2	2.49	24	32	3.64	< 10	< 1
882570	< 2	< 5	< 5	< 0.2	< 0.5	12	1790	< 1	35	10	77	5.03	11	49	337	1.3	< 2	6.36	14	52	4.15	20	< 1
882571	3	8	< 5	0.3	< 0.5	146	231	< 1	53	5	39	2.68	< 2	< 10	98	< 0.5	< 2	2.55	21	32	3.61	< 10	< 1
882572	8	29	19	0.4	< 0.5	372	247	< 1	98	5	42	2.70	< 2	< 10	82	< 0.5	< 2	2.60	26	34	3.91	< 10	< 1
882573	178	429	245	2.8	< 0.5	3010	344	< 1	496	20	53	1.89	< 2	< 10	53	< 0.5	< 2	1.48	74	54	6.66	< 10	2
882574	10	9	5	0.4	< 0.5	185	690	< 1	86	16	109	3.38	< 2	< 10	22	0.6	< 2	3.02	26	38	5.35	10	< 1
882575	22	10	< 5	0.4	< 0.5	198	692	< 1	85	22	92	3.29	< 2	< 10	22	0.5	< 2	2.88	27	38	5.38	10	< 1
882576	7	< 5	< 5	0.4	< 0.5	154	473	< 1	56	7	64	2.77	< 2	< 10	73	< 0.5	< 2	2.83	23	44	4.39	10	< 1
882577	6	13	< 5	0.2	< 0.5	203	292	< 1	60	10	41	2.48	< 2	< 10	88	< 0.5	< 2	2.49	20	48	3.46	< 10	< 1
882578	4	< 5	< 5	0.2	< 0.5	167	309	< 1	49	12	49	2.42	< 2	< 10	68	< 0.5	< 2	2.39	21	47	2.95	< 10	< 1
882579	12	26	15	0.3	0.5	335	282	< 1	66	8	33	2.31	< 2	< 10	91	< 0.5	< 2	2.25	19	53	3.14	< 10	< 1
882580	67	623	286	2.2	0.5	4640	786	4	4480	19	85	3.14	< 2	< 10	35	< 0.5	7	1.90	95	101	13.4	< 10	4
882581	58	152	82	0.5	< 0.5	1110	400	< 1	183	17	69	2.77	< 2	< 10	64	< 0.5	< 2	1.47	34	60	3.86	< 10	< 1
882582	15	32	14	0.2	< 0.5	323	258	< 1	62	8	42	2.49	< 2	< 10	89	< 0.5	< 2	2.52	19	45	2.71	< 10	< 1
882583	5	7	< 5	< 0.2	< 0.5	107	272	< 1	44	9	35	2.48	< 2	< 10	93	< 0.5	< 2	2.45	17	49	2.77	< 10	< 1
882584	9	16	6	0.3	< 0.5	168	276	< 1	44	9	40	2.58	< 2	< 10	82	< 0.5	< 2	2.66	17	45	2.65	< 10	< 1
882585	< 2	< 5	< 5	< 0.2	< 0.5	11	1910	< 1	35	3	107	5.24	7	50	390	1.4	< 2	6.31	14	53	4.36	20	3
882586	< 2	< 5	< 5	< 0.2	< 0.5	103	255	< 1	40	3	37	2.36	< 2	< 10	190	< 0.5	< 2	2.23	24	28	4.43	< 10	< 1
882587	< 2	< 5	< 5	< 0.2	< 0.5	102	249	< 1	38	< 2	37	2.32	< 2	< 10	133	< 0.5	< 2	2.28	24	27	4.43	< 10	< 1
882588	< 2	< 5	< 5	< 0.2	< 0.5	103	279	< 1	39	2	35	2.39	< 2	< 10	206	< 0.5	< 2	2.22	22	30	4.68	< 10	< 1
882589	< 2	< 5	< 5	< 0.2	< 0.5	94	256	< 1	47	4	41	2.19	< 2	< 10	173	< 0.5	< 2	1.98	24	43	4.34	< 10	< 1
882590	69	571	283	2.3	< 0.5	4760	794	4	4600	15	87	3.16	3	< 10	38	< 0.5	11	1.90	98	101	13.7	< 10	2
882591	< 2	< 5	< 5	< 0.2	< 0.5	114	202	< 1	43	4	32	2.05	< 2	< 10	118	< 0.5	< 2	2.07	24	27	4.22	< 10	< 1
882592	< 2	< 5	< 5	< 0.2	< 0.5	112	263	< 1	42	4	37	2.41	< 2	< 10	114	< 0.5	< 2	2.36	22	27	4.41	< 10	< 1
882593	< 2	< 5	< 5	< 0.2	< 0.5	199	519	< 1	68	5	64	2.89	< 2	< 10	78	< 0.5	< 2	3.15	36	32	7.17	10	< 1
882594	< 2	< 5	< 5	0.2	< 0.5	114	284	< 1	44	5	45	2.74	< 2	< 10	96	< 0.5	< 2	2.82	23	29	4.40	10	< 1
882595	< 2	< 5	< 5	0.2	< 0.5	118	298	< 1	48	5	44	2.80	< 2	< 10	92	< 0.5	< 2	2.96	24	30	4.51	10	< 1
882596	< 2	< 5	< 5	0.3	< 0.5	111	251	< 1	47	4	39	2.82	< 2	< 10	95	< 0.5	< 2	2.93	24	31	4.32	10	< 1
882597	< 2	< 5	< 5	< 0.2	< 0.5	142	260	< 1	53	4	52	2.45	< 2	< 10	130	< 0.5	< 2	2.42	27	40	5.14	< 10	< 1
882598	< 2	< 5	< 5	< 0.2	< 0.5	144	243	< 1	57	4	44	2.30	< 2	< 10	134	< 0.5	< 2	2.40	24	34	4.71	< 10	< 1
882599	< 2	< 5	< 5	< 0.2	< 0.5	133	275	< 1	48	10	53	2.07	< 2	< 10	95	< 0.5	< 2	2.00	24	27	4.33	< 10	< 1
882600	129	1280	639	3.6	0.9	6790	663	4	9310	36	103	2.84	3	< 10	18	< 0.5	< 2	1.75	156	147	13.2	< 10	2

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
882816	< 2	< 5	< 5	0.5	< 0.5	583	370	< 1	58	13	57	2.36	< 2	< 10	124	< 0.5	< 2	1.85	26	30	4.98	< 10	< 1
882817	53	131	62	0.7	< 0.5	1360	629	< 1	275	9	94	3.25	< 2	< 10	62	0.6	2	1.36	56	48	7.53	10	2
882818	32	48	23	0.6	< 0.5	765	371	< 1	128	11	66	2.50	3	< 10	89	< 0.5	< 2	2.13	32	38	5.41	10	3
882819	47	106	60	1.0	0.5	1140	341	< 1	203	21	59	2.59	< 2	< 10	121	< 0.5	< 2	2.11	39	43	5.54	< 10	< 1
882820	< 2	< 5	< 5	< 0.2	< 0.5	20	1530	< 1	36	2	81	5.13	10	43	355	1.3	< 2	6.03	15	54	4.16	20	3
882821	57	110	66	1.0	0.5	1160	292	< 1	242	15	74	2.23	< 2	< 10	138	< 0.5	< 2	1.85	41	45	4.91	< 10	< 1
882822	62	144	84	1.3	< 0.5	1380	335	< 1	195	18	57	2.45	< 2	< 10	128	< 0.5	< 2	1.89	39	48	5.23	< 10	< 1
882823	101	237	166	1.3	0.5	1680	361	< 1	215	30	63	2.50	< 2	< 10	88	< 0.5	< 2	2.14	39	48	4.76	< 10	< 1
882824	411	847	478	5.4	0.8	6300	307	< 1	903	72	174	2.17	< 2	< 10	21	< 0.5	< 2	1.59	86	58	6.77	< 10	3
882825	72	642	323	2.3	< 0.5	4880	807	4	4600	13	87	3.26	3	< 10	37	< 0.5	7	1.94	102	102	14.0	< 10	2
882826	397	887	511	5.1	1.1	6540	327	< 1	854	108	285	2.50	2	< 10	38	< 0.5	8	1.66	78	44	6.10	< 10	3
882827	217	504	296	3.1	0.6	3700	366	1	503	40	117	2.75	< 2	< 10	84	< 0.5	< 2	2.53	44	41	5.28	< 10	< 1
882828	171	358	210	2.4	< 0.5	2670	271	< 1	348	17	46	2.50	< 2	< 10	111	< 0.5	2	2.32	38	46	4.36	< 10	< 1
882829	41	72	40	0.5	< 0.5	607	280	< 1	82	15	36	2.54	< 2	< 10	150	< 0.5	< 2	2.34	19	43	3.47	< 10	< 1
882830	39	68	40	1.2	< 0.5	632	305	< 1	89	9	37	2.75	< 2	< 10	167	< 0.5	< 2	2.52	22	47	3.81	< 10	< 1
882831	53	113	67	1.3	< 0.5	935	202	< 1	89	9	31	2.84	< 2	< 10	105	< 0.5	< 2	2.99	20	32	2.48	< 10	< 1
882832	10	17	8	0.3	< 0.5	184	257	< 1	49	5	34	2.94	< 2	< 10	183	< 0.5	< 2	2.86	20	44	3.49	< 10	< 1
882833	7	14	< 5	0.3	< 0.5	146	301	< 1	48	4	37	2.90	< 2	< 10	186	< 0.5	< 2	2.76	23	49	3.94	< 10	< 1
882834	95	298	152	1.9	< 0.5	2050	307	< 1	380	9	46	2.19	< 2	< 10	54	< 0.5	< 2	2.16	68	48	5.18	< 10	< 1
882835	98	1240	606	3.7	0.9	6600	658	4	9180	34	104	2.83	< 2	< 10	20	< 0.5	5	1.75	153	146	13.1	< 10	2
882836	98	251	137	2.8	< 0.5	1920	276	< 1	266	18	47	1.99	< 2	< 10	93	< 0.5	< 2	2.09	48	59	4.72	< 10	< 1
882837	126	343	187	2.5	< 0.5	2690	321	< 1	376	29	58	1.59	< 2	< 10	55	< 0.5	< 2	1.76	64	116	6.53	< 10	< 1
882838	56	107	65	0.8	< 0.5	1220	487	< 1	187	16	66	1.69	< 2	< 10	29	< 0.5	< 2	2.13	48	143	7.45	< 10	2
882839	27	16	9	0.3	0.7	405	796	< 1	164	21	165	4.96	< 2	< 10	11	0.5	2	1.29	48	117	10.5	20	1
882840	< 2	< 5	< 5	< 0.2	< 0.5	12	2350	1	32	< 2	63	4.48	8	38	331	1.2	< 2	5.27	13	49	3.93	10	< 1
882841	12	52	27	0.4	< 0.5	227	371	< 1	99	7	67	2.62	< 2	< 10	87	< 0.5	< 2	1.36	33	34	4.34	10	< 1
882842	8	7	< 5	0.2	< 0.5	210	309	< 1	56	16	38	2.61	< 2	18	294	< 0.5	< 2	2.60	18	25	3.27	< 10	< 1
882843	3	< 5	< 5	< 0.2	< 0.5	120	310	< 1	46	13	55	2.36	< 2	11	154	< 0.5	< 2	2.37	17	28	2.99	< 10	< 1
882844	< 2	< 5	< 5	< 0.2	< 0.5	38	390	< 1	46	4	60	2.64	< 2	< 10	55	< 0.5	< 2	1.26	25	32	3.69	10	< 1
882845	63	600	292	2.2	< 0.5	4840	808	4	4710	17	87	3.21	3	< 10	41	< 0.5	5	1.95	100	102	13.8	< 10	3
882846	< 2	< 5	< 5	< 0.2	< 0.5	51	268	< 1	36	5	31	2.51	4	< 10	72	< 0.5	< 2	2.74	16	31	2.52	< 10	< 1
883701	< 2	5	< 5	< 0.2	< 0.5	121	178	< 1	34	4	35	2.05	< 2	< 10	138	< 0.5	< 2	1.90	25	28	3.82	< 10	< 1
883702	< 2	< 5	< 5	0.2	< 0.5	111	193	< 1	32	6	37	2.15	< 2	< 10	153	< 0.5	< 2	1.82	22	32	4.11	< 10	< 1
883703	67	134	47	1.1	< 0.5	1290	225	< 1	172	17	52	2.27	< 2	< 10	116	< 0.5	< 2	1.90	36	41	5.48	< 10	< 1
883704	57	126	53	1.2	< 0.5	1200	223	< 1	166	11	48	2.24	< 2	< 10	128	< 0.5	< 2	1.90	34	41	5.29	< 10	< 1
883705	129	268	140	2.3	0.8	2060	268	< 1	232	18	47	2.09	< 2	< 10	85	< 0.5	< 2	1.60	46	45	5.58	< 10	< 1
883706	498	927	605	5.7	< 0.5	5900	249	< 1	935	33	57	1.83	< 2	< 10	20	< 0.5	6	1.15	91	54	7.95	< 10	3
883707	460	951	580	7.2	< 0.5	7990	242	< 1	1020	51	55	1.80	< 2	< 10	21	< 0.5	5	1.25	82	34	6.58	< 10	1
883708	61	117	65	1.1	< 0.5	1300	351	< 1	167	19	52	2.45	14	< 10	65	< 0.5	< 2	1.63	25	39	4.43	< 10	< 1
883709	153	1270	648	3.3	0.9	6340	622	4	8550	32	94	2.66	2	< 10	16	< 0.5	4	1.67	145	138	12.1	< 10	2
883710	478	963	600	3.1	< 0.5	5070	517	< 1	684	27	75	2.64	4	< 10	51	< 0.5	7	1.17	74	56	7.08	< 10	1
883711	23	45	25	0.5	0.6	497	366	< 1	107	10	101	2.65	< 2	< 10	82	< 0.5	4	2.25	23	51	4.07	< 10	< 1

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883712	6	6	< 5	0.3	< 0.5	158	269	< 1	53	5	35	2.44	3	< 10	93	< 0.5	< 2	2.36	22	47	3.55	< 10	< 1
883713	3	21	10	0.2	< 0.5	159	274	< 1	52	4	36	2.40	< 2	< 10	75	< 0.5	< 2	1.81	23	47	3.35	< 10	< 1
883714	< 2	< 5	< 5	< 0.2	< 0.5	14	3300	< 1	39	2	80	5.31	9	49	413	1.4	< 2	6.59	14	56	4.51	20	< 1
883715	12	107	60	0.6	< 0.5	519	299	< 1	122	8	46	2.62	< 2	< 10	93	< 0.5	3	2.14	36	42	4.11	< 10	< 1
883716	31	88	48	0.7	< 0.5	643	379	< 1	105	4	40	2.73	< 2	< 10	202	< 0.5	< 2	2.40	28	55	4.70	< 10	< 1
883717	40	107	62	1.4	< 0.5	808	331	< 1	129	8	42	2.83	< 2	< 10	218	< 0.5	< 2	2.21	30	55	4.72	< 10	< 1
883718	2	6	< 5	0.2	< 0.5	99	245	< 1	46	< 2	32	2.48	< 2	< 10	214	< 0.5	< 2	2.01	22	56	3.83	< 10	< 1
883719	55	586	288	2.4	0.6	4890	815	4	4850	14	88	3.34	5	< 10	34	< 0.5	10	1.96	101	104	14.4	< 10	4
883720	2	6	< 5	< 0.2	< 0.5	97	205	< 1	43	4	28	2.00	< 2	< 10	137	< 0.5	< 2	1.85	20	55	3.68	< 10	< 1
883721	5	8	< 5	0.7	0.5	515	323	< 1	169	< 2	51	1.57	< 2	< 10	124	< 0.5	< 2	1.48	47	87	9.13	< 10	5
883722	2	6	< 5	0.6	< 0.5	693	293	< 1	169	2	46	1.45	< 2	< 10	115	< 0.5	< 2	1.56	48	68	10.3	10	3
883723	3	6	< 5	0.7	< 0.5	708	294	< 1	181	6	47	1.41	< 2	< 10	113	< 0.5	< 2	1.55	51	70	10.2	10	3
883724	2	7	< 5	0.3	< 0.5	380	307	< 1	133	< 2	45	1.44	< 2	< 10	98	< 0.5	< 2	1.43	73	63	12.6	10	< 1
883725	< 2	8	< 5	< 0.2	< 0.5	385	257	< 1	185	2	37	1.25	< 2	< 10	102	< 0.5	< 2	1.13	73	79	11.5	10	2
883726	2	9	< 5	< 0.2	< 0.5	314	307	< 1	109	2	36	1.35	< 2	< 10	104	< 0.5	< 2	1.15	80	77	12.1	10	2
883727	< 2	6	< 5	< 0.2	< 0.5	260	318	< 1	87	4	44	1.34	2	< 10	84	< 0.5	< 2	1.62	70	61	11.1	10	3
883728	< 2	6	< 5	0.2	< 0.5	284	283	< 1	95	3	48	1.29	< 2	< 10	93	< 0.5	2	1.34	80	65	11.7	10	< 1
883729	140	1350	615	3.7	0.9	6780	619	3	> 10000	32	98	2.63	< 2	< 10	13	< 0.5	3	1.64	168	139	12.9	< 10	4
883730	< 2	5	< 5	< 0.2	< 0.5	322	210	< 1	113	5	54	1.27	< 2	< 10	83	< 0.5	< 2	1.16	55	56	8.68	10	4
883731	< 2	< 5	< 5	< 0.2	0.6	131	294	< 1	52	18	66	2.52	< 2	10	75	< 0.5	< 2	2.56	15	35	3.24	< 10	< 1
883732	3	< 5	< 5	0.2	< 0.5	209	251	< 1	65	7	35	2.41	< 2	< 10	78	< 0.5	< 2	2.60	21	43	3.95	< 10	< 1
883733	< 2	< 5	< 5	0.3	< 0.5	186	199	< 1	53	6	28	2.24	< 2	< 10	81	< 0.5	< 2	2.62	17	30	3.28	< 10	< 1
883734	< 2	< 5	< 5	< 0.2	< 0.5	15	2240	1	39	< 2	82	5.38	8	44	374	1.3	< 2	6.55	17	60	4.95	20	1
883735	< 2	< 5	< 5	0.3	< 0.5	122	259	< 1	55	7	42	2.84	< 2	< 10	77	< 0.5	< 2	3.34	17	30	3.39	< 10	< 1
883736	< 2	< 5	< 5	0.5	< 0.5	119	367	< 1	53	3	55	4.01	< 2	< 10	53	0.6	< 2	3.23	18	23	4.96	20	< 1
883737	14	86	45	0.5	< 0.5	563	264	< 1	146	6	32	2.61	< 2	10	107	< 0.5	2	2.51	31	24	4.39	< 10	< 1
883738	4	9	< 5	0.3	< 0.5	215	400	< 1	55	7	65	2.60	< 2	< 10	117	< 0.5	< 2	2.34	24	27	4.72	< 10	< 1
883739	92	663	320	2.1	< 0.5	4460	762	4	4250	16	83	3.05	4	< 10	37	< 0.5	8	1.81	92	97	13.2	< 10	2
883740	13	29	15	0.3	< 0.5	335	236	< 1	62	6	51	2.27	< 2	< 10	70	< 0.5	< 2	2.35	21	23	3.67	< 10	< 1
883741	10	15	7	0.5	< 0.5	297	217	< 1	57	5	39	2.99	< 2	< 10	124	< 0.5	< 2	3.04	19	22	3.76	10	< 1
883742	21	38	24	0.5	< 0.5	495	195	< 1	82	9	41	2.86	< 2	< 10	121	< 0.5	< 2	2.79	19	20	3.86	10	< 1
883743	9	16	9	0.4	< 0.5	336	263	< 1	66	9	45	3.24	< 2	< 10	119	< 0.5	< 2	3.06	21	22	4.00	10	< 1
883744	10	19	10	0.5	< 0.5	346	269	< 1	67	7	46	3.34	< 2	< 10	121	< 0.5	< 2	3.10	20	21	4.08	10	< 1
883745	46	192	83	1.0	< 0.5	1140	330	< 1	262	28	64	2.56	< 2	< 10	95	< 0.5	< 2	2.16	47	35	5.72	< 10	3
883746	15	31	15	0.6	< 0.5	382	260	< 1	74	6	40	2.30	3	< 10	119	< 0.5	< 2	2.09	24	36	4.15	< 10	< 1
883747	25	54	32	0.8	0.5	589	289	< 1	85	8	42	2.69	< 2	< 10	93	< 0.5	2	2.46	24	34	3.95	< 10	< 1
883748	< 2	< 5	< 5	0.2	< 0.5	108	227	< 1	44	3	34	2.44	< 2	< 10	107	< 0.5	< 2	2.32	21	37	3.71	< 10	< 1
883749	120	1280	661	3.8	0.7	7000	675	4	9320	35	104	2.92	< 2	< 10	18	< 0.5	< 2	1.76	155	148	13.7	< 10	1
883750	7	6	< 5	0.4	< 0.5	267	218	< 1	78	4	40	2.26	< 2	< 10	134	< 0.5	< 2	2.11	29	47	5.17	< 10	< 1
883751	11	21	11	0.5	< 0.5	485	226	< 1	81	6	39	2.36	< 2	< 10	126	< 0.5	< 2	2.14	28	31	4.66	< 10	< 1
883752	3	< 5	< 5	< 0.2	< 0.5	111	229	< 1	48	4	32	2.45	< 2	10	134	< 0.5	< 2	2.36	24	42	3.73	< 10	< 1
883753	3	8	< 5	0.3	< 0.5	131	248	< 1	51	4	35	2.57	< 2	< 10	98	< 0.5	< 2	2.53	21	43	3.59	< 10	< 1

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883754	4	10	5	< 0.2	< 0.5	107	2480	< 1	40	3	68	4.30	6	40	368	1.2	< 2	5.36	14	48	3.83	10	< 1
883755	< 2	< 5	< 5	< 0.2	< 0.5	112	210	< 1	47	5	33	2.25	< 2	< 10	106	< 0.5	< 2	2.23	21	43	3.59	< 10	< 1
883756	18	72	41	0.5	< 0.5	556	229	< 1	84	8	32	2.40	< 2	< 10	94	< 0.5	< 2	2.51	24	40	3.31	< 10	< 1
883757	< 2	9	< 5	< 0.2	< 0.5	97	194	< 1	43	4	33	2.05	< 2	< 10	97	< 0.5	< 2	1.89	21	45	3.44	< 10	< 1
883758	< 2	5	< 5	< 0.2	< 0.5	92	233	< 1	46	3	30	2.33	< 2	< 10	109	< 0.5	< 2	2.36	22	46	3.53	< 10	< 1
883759	68	577	267	2.3	0.7	4690	787	4	4720	15	86	3.20	3	< 10	37	< 0.5	< 2	1.92	95	101	13.8	< 10	3
883760	2	9	< 5	0.3	0.6	116	267	< 1	53	2	31	2.37	< 2	< 10	111	< 0.5	< 2	2.56	24	46	3.76	< 10	< 1
883761	6	10	< 5	< 0.2	< 0.5	177	257	< 1	48	< 2	29	2.40	< 2	< 10	138	< 0.5	< 2	2.52	20	40	3.52	< 10	< 1
883762	3	9	< 5	0.2	< 0.5	160	225	< 1	49	2	30	2.54	< 2	< 10	154	< 0.5	< 2	2.47	21	39	3.49	< 10	< 1
883763	2	< 5	< 5	< 0.2	< 0.5	114	222	< 1	47	4	29	2.18	< 2	< 10	134	< 0.5	< 2	2.20	19	41	3.49	< 10	< 1
883764	< 2	< 5	< 5	< 0.2	< 0.5	115	214	< 1	45	2	28	2.07	< 2	< 10	126	< 0.5	< 2	2.12	19	41	3.39	< 10	< 1
883765	2	6	< 5	< 0.2	0.5	122	214	< 1	46	7	38	2.08	< 2	< 10	120	< 0.5	< 2	2.00	19	40	3.53	< 10	< 1
883766	< 2	< 5	< 5	< 0.2	< 0.5	78	388	< 1	50	6	64	2.40	< 2	< 10	88	< 0.5	< 2	1.77	24	39	4.07	< 10	< 1
883767	< 2	< 5	< 5	0.3	0.6	91	447	< 1	54	2	57	2.96	< 2	< 10	46	0.5	< 2	2.26	23	39	4.38	10	< 1
883768	< 2	< 5	< 5	0.2	< 0.5	197	230	< 1	52	5	27	2.30	< 2	< 10	122	< 0.5	< 2	2.23	21	31	3.29	< 10	< 1
883769	197	1290	621	3.7	0.8	6810	657	3	9290	35	100	2.85	< 2	< 10	17	< 0.5	4	1.75	152	145	13.3	< 10	< 1
883770	< 2	< 5	< 5	< 0.2	< 0.5	188	247	< 1	66	3	29	2.30	< 2	< 10	160	< 0.5	< 2	2.01	22	41	3.59	< 10	< 1
883771	3	15	7	< 0.2	< 0.5	203	247	< 1	67	< 2	32	2.18	< 2	< 10	219	< 0.5	< 2	1.79	21	41	3.70	< 10	< 1
883772	5	13	7	< 0.2	< 0.5	251	245	< 1	62	14	64	2.25	< 2	< 10	131	< 0.5	< 2	2.89	20	35	3.12	< 10	< 1
883773	7	65	34	0.3	< 0.5	338	245	< 1	90	6	32	2.38	< 2	< 10	147	< 0.5	< 2	2.23	30	37	3.29	< 10	< 1
883774	< 2	< 5	< 5	< 0.2	< 0.5	14	3550	< 1	35	< 2	112	4.95	5	40	361	1.3	< 2	5.48	16	52	4.22	10	3
883775	56	142	82	1.0	< 0.5	1070	231	< 1	195	9	40	2.30	< 2	< 10	145	< 0.5	< 2	2.26	30	36	3.45	< 10	< 1
883776	20	24	14	0.5	< 0.5	389	278	< 1	91	3	43	2.34	< 2	< 10	185	< 0.5	< 2	2.18	23	46	4.49	< 10	< 1
883777	50	115	59	1.1	< 0.5	1160	277	< 1	192	13	54	2.04	< 2	< 10	202	< 0.5	< 2	1.85	38	55	6.26	< 10	2
883778	109	237	141	1.9	< 0.5	2110	281	< 1	368	11	53	2.35	< 2	< 10	78	< 0.5	< 2	1.94	57	46	6.79	< 10	3
883779	60	612	307	2.4	0.7	4860	826	4	4660	14	88	3.33	4	< 10	37	< 0.5	4	2.00	100	106	14.2	< 10	2
883780	237	458	233	4.0	< 0.5	4490	290	< 1	686	18	60	2.34	3	< 10	35	< 0.5	4	1.76	77	23	6.66	< 10	2
883781	241	514	296	4.1	< 0.5	4550	272	< 1	722	19	59	2.35	2	< 10	45	< 0.5	7	2.28	60	28	5.40	< 10	< 1
883782	104	250	143	1.7	< 0.5	2150	247	< 1	378	23	41	2.49	< 2	< 10	97	< 0.5	< 2	2.31	43	33	4.14	< 10	< 1
883783	90	163	74	2.2	< 0.5	2160	249	< 1	315	21	37	2.43	< 2	< 10	77	< 0.5	< 2	2.38	39	40	3.74	< 10	< 1
883784	86	163	76	2.0	< 0.5	2190	253	< 1	321	19	40	2.46	< 2	< 10	71	< 0.5	< 2	2.40	41	41	3.77	< 10	< 1
883785	23	42	20	0.5	< 0.5	643	421	< 1	147	3	68	2.97	2	< 10	47	< 0.5	< 2	1.36	32	53	4.76	10	< 1
883786	3	< 5	< 5	0.2	< 0.5	136	288	< 1	53	2	44	2.51	< 2	< 10	76	< 0.5	< 2	2.44	22	42	3.32	< 10	< 1
883787	5	7	< 5	< 0.2	< 0.5	148	220	< 1	49	3	28	1.90	< 2	< 10	93	< 0.5	< 2	2.02	22	46	3.22	< 10	< 1
883788	5	< 5	< 5	0.2	< 0.5	143	226	< 1	61	< 2	30	2.04	< 2	< 10	175	< 0.5	< 2	1.92	22	51	3.72	< 10	< 1
883789	140	1300	644	3.7	1.0	6950	669	4	9410	33	104	2.90	4	< 10	18	< 0.5	5	1.76	154	149	13.4	< 10	2
883790	5	< 5	< 5	0.3	< 0.5	159	230	< 1	64	< 2	34	2.43	< 2	< 10	218	< 0.5	< 2	1.91	25	59	4.28	< 10	< 1
883791	3	< 5	< 5	0.3	< 0.5	148	221	< 1	61	< 2	35	2.20	< 2	< 10	188	< 0.5	< 2	1.93	22	54	3.87	< 10	< 1
883792	< 2	< 5	< 5	0.3	< 0.5	149	251	< 1	55	< 2	34	2.48	< 2	< 10	227	< 0.5	< 2	2.12	21	45	3.75	< 10	< 1
883793	< 2	< 5	< 5	0.2	< 0.5	120	283	< 1	53	< 2	34	2.11	< 2	< 10	255	< 0.5	< 2	1.89	23	46	3.64	< 10	< 1
883794	< 2	< 5	< 5	< 0.2	< 0.5	11	2040	1	35	< 2	73	5.04	7	42	316	1.3	< 2	5.79	15	53	4.35	10	< 1
883795	< 2	< 5	< 5	< 0.2	< 0.5	58	453	< 1	60	3	53	2.16	< 2	< 10	332	< 0.5	< 2	2.38	22	100	3.57	< 10	< 1

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883796	< 2	< 5	< 5	< 0.2	< 0.5	44	408	< 1	55	< 2	48	2.21	2	< 10	258	< 0.5	< 2	2.20	19	72	3.60	< 10	< 1
883797	< 2	8	< 5	0.2	< 0.5	99	247	< 1	41	3	29	2.22	< 2	< 10	120	< 0.5	< 2	2.56	21	36	2.85	< 10	< 1
883798	< 2	11	< 5	< 0.2	< 0.5	91	249	< 1	46	< 2	34	2.29	< 2	< 10	150	< 0.5	< 2	2.42	19	37	3.43	< 10	< 1
883799	117	633	282	2.2	0.6	4620	781	4	4430	14	83	3.05	8	< 10	37	< 0.5	3	1.84	97	98	13.3	< 10	< 1
883800	< 2	6	< 5	< 0.2	< 0.5	99	198	< 1	49	< 2	30	1.94	< 2	< 10	166	< 0.5	< 2	1.76	22	39	3.55	< 10	< 1
883801	< 2	6	< 5	< 0.2	< 0.5	114	185	< 1	50	< 2	33	2.08	< 2	< 10	206	< 0.5	< 2	1.62	23	40	3.73	< 10	< 1
883802	< 2	7	< 5	< 0.2	< 0.5	119	182	< 1	50	2	32	2.17	< 2	< 10	202	< 0.5	< 2	1.72	23	39	3.80	< 10	< 1
883803	< 2	7	< 5	0.2	< 0.5	82	260	< 1	47	6	32	2.48	< 2	< 10	95	< 0.5	< 2	2.90	26	31	3.46	< 10	< 1
883804	< 2	7	< 5	0.3	< 0.5	81	257	< 1	46	2	33	2.33	< 2	< 10	93	< 0.5	< 2	2.77	27	31	3.49	< 10	< 1
883805	< 2	9	< 5	0.3	< 0.5	103	239	< 1	43	< 2	35	2.23	< 2	< 10	240	< 0.5	< 2	1.94	22	35	3.85	< 10	< 1
883806	< 2	9	< 5	0.2	< 0.5	95	230	< 1	41	2	34	2.18	< 2	< 10	213	< 0.5	< 2	2.05	19	35	3.74	< 10	< 1
883807	< 2	7	< 5	0.2	< 0.5	94	213	< 1	40	< 2	32	2.16	< 2	< 10	214	< 0.5	< 2	1.87	20	35	3.69	< 10	< 1

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ni
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.003
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
882559	0.27	17	1.10	0.107	0.063	0.08	< 2	3	393	0.15	< 20	6	< 2	< 10	123	< 10	4	6	
882560	0.21	16	0.81	0.109	0.061	0.08	< 2	2	475	0.15	< 20	3	< 2	< 10	128	< 10	3	5	
882561	0.23	15	0.74	0.110	0.062	0.08	< 2	2	376	0.17	< 20	2	< 2	< 10	149	< 10	3	5	
882562	0.26	17	0.74	0.121	0.080	0.09	4	2	405	0.16	< 20	< 1	< 2	< 10	145	< 10	4	4	
882563	0.26	15	0.66	0.141	0.071	0.08	< 2	2	362	0.16	< 20	3	< 2	< 10	131	< 10	3	4	
882564	0.25	15	0.70	0.121	0.074	0.07	< 2	2	318	0.15	< 20	1	< 2	< 10	129	< 10	3	5	
882565	0.19	< 10	3.11	0.434	0.063	3.48	3	3	80	0.19	< 20	4	< 2	< 10	64	< 10	6	10	
882566	0.24	15	0.68	0.133	0.072	0.08	3	2	283	0.15	< 20	< 1	< 2	< 10	133	< 10	3	5	
882567	0.27	17	0.87	0.112	0.080	0.17	< 2	3	293	0.17	< 20	4	< 2	< 10	126	< 10	4	4	
882568	0.23	15	0.68	0.114	0.066	0.09	< 2	2	349	0.15	< 20	6	4	< 10	135	< 10	3	4	
882569	0.23	16	0.87	0.123	0.075	0.12	< 2	2	375	0.15	< 20	2	2	< 10	142	< 10	3	5	
882570	1.03	22	1.74	0.271	0.061	0.07	< 2	8	258	0.15	< 20	7	5	< 10	41	< 10	13	11	
882571	0.22	15	0.74	0.116	0.068	0.10	< 2	2	380	0.15	< 20	2	< 2	< 10	145	< 10	3	5	
882572	0.23	15	0.79	0.118	0.071	0.21	< 2	2	383	0.15	< 20	2	3	< 10	150	< 10	3	5	
882573	0.33	12	1.08	0.142	0.050	1.31	< 2	4	167	0.17	< 20	4	< 2	< 10	234	< 10	4	8	
882574	0.07	19	3.61	0.081	0.048	0.07	< 2	10	416	0.16	< 20	3	< 2	< 10	161	< 10	9	11	
882575	0.07	19	3.58	0.082	0.052	0.07	2	10	385	0.15	< 20	4	< 2	< 10	162	< 10	8	10	
882576	0.22	14	1.82	0.110	0.053	0.10	< 2	5	466	0.16	< 20	2	< 2	< 10	146	< 10	4	7	
882577	0.25	15	1.03	0.113	0.055	0.08	< 2	3	327	0.14	< 20	< 1	< 2	< 10	135	< 10	4	5	
882578	0.22	15	1.00	0.103	0.048	0.07	< 2	3	393	0.16	< 20	6	2	< 10	104	< 10	4	5	
882579	0.30	17	1.06	0.127	0.052	0.09	< 2	3	282	0.16	< 20	3	< 2	< 10	112	< 10	4	5	
882580	0.20	< 10	3.00	0.520	0.066	1.69	4	3	86	0.19	< 20	3	< 2	< 10	57	< 10	7	9	
882581	0.29	17	2.38	0.118	0.059	0.26	< 2	6	240	0.15	< 20	< 1	< 2	< 10	113	< 10	6	6	
882582	0.27	16	1.03	0.108	0.051	0.06	< 2	2	369	0.15	< 20	3	< 2	< 10	91	< 10	4	5	
882583	0.30	16	1.05	0.118	0.044	0.03	< 2	3	297	0.15	< 20	3	< 2	< 10	93	< 10	3	5	
882584	0.25	16	1.11	0.111	0.048	0.04	3	3	339	0.16	< 20	< 1	< 2	< 10	84	< 10	3	5	
882585	1.15	24	1.76	0.290	0.062	0.05	< 2	8	252	0.15	< 20	< 1	< 2	< 10	46	< 10	13	11	
882586	0.40	14	0.82	0.266	0.044	0.15	< 2	4	260	0.21	< 20	4	< 2	< 10	197	< 10	4	6	
882587	0.29	15	0.84	0.234	0.049	0.13	< 2	3	253	0.21	< 20	< 1	< 2	< 10	198	< 10	4	6	
882588	0.49	15	0.90	0.313	0.045	0.14	< 2	4	246	0.23	< 20	8	< 2	< 10	215	< 10	4	7	
882589	0.46	19	0.95	0.267	0.072	0.10	< 2	4	226	0.22	< 20	4	< 2	< 10	181	< 10	6	7	
882590	0.21	< 10	3.04	0.531	0.066	1.70	2	3	86	0.20	< 20	4	< 2	< 10	58	< 10	7	10	
882591	0.26	15	0.61	0.223	0.051	0.13	< 2	3	219	0.19	< 20	6	< 2	< 10	198	< 10	4	6	
882592	0.29	17	0.82	0.149	0.058	0.11	< 2	3	260	0.20	< 20	5	< 2	< 10	201	< 10	4	6	
882593	0.26	38	1.90	0.199	0.284	0.22	< 2	9	253	0.29	< 20	4	< 2	< 10	237	< 10	15	8	
882594	0.29	20	0.95	0.150	0.061	0.12	< 2	4	347	0.21	< 20	< 1	< 2	< 10	177	< 10	5	7	
882595	0.26	20	1.00	0.138	0.060	0.13	2	4	356	0.22	< 20	5	< 2	< 10	178	< 10	5	8	
882596	0.26	18	0.90	0.139	0.069	0.12	3	3	479	0.20	< 20	2	< 2	< 10	182	< 10	4	6	
882597	0.36	21	1.10	0.172	0.113	0.15	< 2	4	287	0.18	< 20	2	< 2	< 10	206	< 10	6	6	
882598	0.35	16	0.90	0.166	0.061	0.13	< 2	4	258	0.20	< 20	3	< 2	< 10	207	< 10	4	6	
882599	0.29	15	1.07	0.149	0.059	0.11	< 2	3	214	0.16	< 20	3	3	< 10	195	< 10	4	5	

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ni
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.003
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
882600	0.19	< 10	3.07	0.428	0.062	3.37	3	3	78	0.19	< 20	4	< 2	< 10	64	< 10	6	10	
882816	0.36	17	1.62	0.160	0.056	0.13	< 2	5	205	0.15	< 20	1	< 2	< 10	201	< 10	5	6	
882817	0.20	15	3.49	0.127	0.051	0.56	< 2	10	133	0.16	< 20	< 1	< 2	< 10	256	< 10	7	9	
882818	0.29	15	1.52	0.129	0.062	0.28	< 2	4	270	0.16	< 20	1	< 2	< 10	190	< 10	5	6	
882819	0.38	14	1.39	0.203	0.057	0.44	< 2	4	297	0.19	< 20	3	< 2	< 10	200	< 10	4	7	
882820	1.06	22	1.72	0.276	0.059	0.08	< 2	8	244	0.15	< 20	5	2	< 10	40	< 10	12	10	
882821	0.41	12	1.16	0.240	0.040	0.43	< 2	4	234	0.17	< 20	6	< 2	< 10	181	< 10	4	7	
882822	0.37	14	1.58	0.221	0.057	0.42	< 2	5	239	0.16	< 20	4	< 2	< 10	189	< 10	5	8	
882823	0.24	15	1.51	0.147	0.056	0.46	< 2	5	229	0.17	< 20	4	< 2	< 10	158	< 10	5	7	
882824	0.36	11	1.28	0.169	0.050	1.79	< 2	5	186	0.16	< 20	4	3	< 10	203	< 10	4	9	
882825	0.21	< 10	3.12	0.540	0.066	1.73	4	3	89	0.20	< 20	3	< 2	< 10	59	< 10	7	10	
882826	0.29	12	1.63	0.165	0.050	1.63	< 2	5	223	0.15	< 20	6	< 2	< 10	149	< 10	4	8	
882827	0.34	16	1.34	0.175	0.060	0.97	< 2	4	250	0.18	< 20	2	< 2	< 10	135	< 10	5	6	
882828	0.32	16	0.95	0.171	0.061	0.61	< 2	3	254	0.17	< 20	3	< 2	< 10	138	< 10	5	6	
882829	0.35	16	1.05	0.224	0.064	0.13	< 2	3	252	0.16	< 20	6	2	< 10	120	< 10	5	6	
882830	0.37	17	1.14	0.252	0.071	0.14	< 2	4	274	0.18	< 20	< 1	< 2	< 10	130	< 10	5	6	
882831	0.27	17	0.73	0.138	0.053	0.18	< 2	2	325	0.13	< 20	3	< 2	< 10	79	< 10	3	4	
882832	0.34	18	0.98	0.219	0.059	0.07	< 2	3	335	0.17	< 20	5	< 2	< 10	121	< 10	4	5	
882833	0.38	19	1.24	0.218	0.073	0.07	< 2	4	276	0.19	< 20	3	< 2	< 10	135	< 10	5	6	
882834	0.42	29	1.10	0.176	0.207	1.03	< 2	4	182	0.16	< 20	1	4	< 10	148	< 10	9	7	
882835	0.19	< 10	3.05	0.421	0.061	3.30	4	3	79	0.19	< 20	1	< 2	< 10	62	< 10	6	9	
882836	0.28	14	0.87	0.124	0.030	0.69	< 2	4	197	0.20	< 20	5	< 2	< 10	187	< 10	5	8	
882837	0.17	14	0.97	0.090	0.050	0.96	< 2	5	207	0.24	< 20	3	< 2	< 10	277	< 10	8	11	
882838	0.09	16	2.03	0.087	0.044	0.32	< 2	10	139	0.29	< 20	4	< 2	< 10	361	< 10	13	14	
882839	0.01	11	7.66	0.041	0.068	0.13	< 2	18	37	0.28	< 20	3	< 2	< 10	379	< 10	11	12	
882840	0.97	22	1.48	0.277	0.054	0.05	< 2	8	204	0.15	< 20	5	< 2	< 10	36	< 10	12	7	
882841	0.19	19	2.82	0.108	0.093	0.33	< 2	9	104	0.19	< 20	4	< 2	< 10	142	< 10	7	9	
882842	0.37	20	1.25	0.149	0.072	0.07	< 2	3	257	0.18	< 20	5	< 2	< 10	103	< 10	4	5	
882843	0.28	18	1.48	0.109	0.070	0.05	< 2	3	205	0.15	< 20	< 1	< 2	< 10	100	< 10	4	5	
882844	0.20	20	3.06	0.090	0.076	0.18	< 2	6	137	0.15	< 20	3	< 2	< 10	95	< 10	6	8	
882845	0.21	< 10	3.05	0.514	0.067	1.74	4	3	89	0.20	< 20	4	< 2	< 10	59	< 10	7	10	
882846	0.22	19	1.08	0.097	0.065	0.05	< 2	2	353	0.16	< 20	3	< 2	< 10	64	< 10	4	5	
883701	0.25	13	0.60	0.206	0.055	0.13	< 2	2	256	0.16	< 20	6	< 2	< 10	181	< 10	3	5	
883702	0.29	12	0.63	0.219	0.043	0.10	< 2	2	280	0.16	< 20	< 1	4	< 10	183	< 10	2	5	
883703	0.30	12	0.74	0.219	0.045	0.45	< 2	3	267	0.19	< 20	4	< 2	< 10	237	< 10	3	7	
883704	0.30	12	0.71	0.214	0.046	0.42	< 2	3	273	0.20	< 20	5	< 2	< 10	235	< 10	3	7	
883705	0.28	< 10	0.91	0.246	0.031	0.66	2	3	248	0.17	< 20	2	< 2	< 10	214	< 10	3	6	
883706	0.28	< 10	0.78	0.231	0.024	1.99	2	4	176	0.17	< 20	5	3	< 10	281	< 10	2	7	
883707	0.24	< 10	0.85	0.153	0.031	2.03	2	3	170	0.13	< 20	3	< 2	< 10	181	< 10	3	6	
883708	0.19	13	2.01	0.102	0.041	0.24	< 2	6	212	0.14	< 20	3	< 2	< 10	142	< 10	5	6	
883709	0.18	< 10	2.86	0.417	0.058	3.13	2	3	74	0.18	< 20	4	< 2	< 10	60	< 10	6	9	
883710	0.21	< 10	2.32	0.107	0.032	1.44	4	8	201	0.16	< 20	4	< 2	< 10	214	< 10	4	10	

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ni
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.003
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
883711	0.22	14	1.68	0.121	0.057	0.15	< 2	4	292	0.15	< 20	2	2	< 10	141	< 10	4	5	
883712	0.25	13	0.93	0.146	0.040	0.11	< 2	3	309	0.17	< 20	2	< 2	< 10	128	< 10	4	5	
883713	0.18	13	1.00	0.120	0.040	0.12	< 2	3	411	0.17	< 20	4	< 2	< 10	120	< 10	4	5	
883714	1.16	24	1.77	0.320	0.062	0.05	< 2	9	286	0.16	< 20	6	< 2	< 10	46	< 10	13	12	
883715	0.32	16	1.26	0.143	0.084	0.71	< 2	4	260	0.17	< 20	6	< 2	< 10	130	< 10	5	6	
883716	0.64	11	1.29	0.302	0.025	0.34	< 2	6	274	0.21	< 20	5	< 2	< 10	171	< 10	5	6	
883717	0.68	11	1.30	0.480	0.033	0.33	< 2	6	291	0.21	< 20	2	< 2	< 10	177	< 10	5	6	
883718	0.39	11	0.90	0.397	0.041	0.07	< 2	4	292	0.19	< 20	4	< 2	< 10	181	< 10	4	5	
883719	0.21	< 10	3.16	0.551	0.068	1.80	5	3	91	0.19	< 20	2	< 2	< 10	59	< 10	7	10	
883720	0.30	13	0.73	0.225	0.050	0.08	< 2	2	256	0.16	< 20	1	2	< 10	165	< 10	3	5	
883721	0.27	< 10	1.22	0.192	0.050	0.20	3	6	156	0.23	< 20	5	< 2	< 10	486	< 10	4	7	
883722	0.26	< 10	1.11	0.196	0.043	0.19	< 2	6	142	0.26	< 20	4	< 2	< 10	605	< 10	4	8	
883723	0.26	< 10	1.08	0.188	0.046	0.20	< 2	6	141	0.25	< 20	5	< 2	< 10	622	< 10	4	8	
883724	0.27	< 10	1.33	0.164	0.039	0.37	2	7	106	0.25	< 20	5	< 2	< 10	976	< 10	4	9	
883725	0.27	< 10	1.22	0.150	0.031	0.35	< 2	6	93	0.24	< 20	3	3	< 10	894	< 10	3	9	
883726	0.29	< 10	1.54	0.154	0.030	0.36	2	7	85	0.28	< 20	5	< 2	< 10	815	< 10	3	10	
883727	0.22	< 10	1.21	0.149	0.035	0.39	2	7	94	0.24	< 20	7	< 2	< 10	921	< 10	5	9	
883728	0.25	< 10	1.30	0.163	0.032	0.38	2	7	85	0.24	< 20	9	3	< 10	995	< 10	4	9	
883729	0.18	< 10	2.85	0.411	0.058	3.60	4	3	73	0.17	< 20	6	< 2	< 10	60	< 10	6	9	1.05
883730	0.19	< 10	0.80	0.094	0.040	0.29	< 2	4	226	0.21	< 20	6	< 2	< 10	744	< 10	3	6	
883731	0.24	15	0.84	0.096	0.058	0.14	< 2	3	381	0.16	< 20	< 1	< 2	< 10	118	< 10	4	3	
883732	0.21	18	0.85	0.109	0.074	0.26	< 2	4	296	0.18	< 20	4	< 2	< 10	162	< 10	4	4	
883733	0.20	17	0.49	0.152	0.068	0.13	< 2	2	293	0.15	< 20	2	2	< 10	130	< 10	4	4	
883734	1.08	23	1.84	0.300	0.061	0.07	< 2	9	281	0.16	< 20	4	< 2	< 10	43	< 10	13	12	
883735	0.26	17	0.59	0.109	0.060	0.12	< 2	2	478	0.18	< 20	< 1	3	< 10	122	< 10	3	3	
883736	0.18	24	2.07	0.117	0.120	0.12	< 2	3	799	0.16	< 20	< 1	6	< 10	141	< 10	5	4	
883737	0.41	16	0.67	0.164	0.064	0.56	< 2	3	300	0.19	< 20	2	< 2	< 10	174	< 10	4	5	
883738	0.38	21	1.14	0.195	0.137	0.17	< 2	4	236	0.18	< 20	< 1	< 2	< 10	187	< 10	6	5	
883739	0.19	< 10	2.92	0.482	0.064	1.60	3	3	83	0.18	< 20	3	3	< 10	55	< 10	7	9	
883740	0.20	18	0.69	0.078	0.085	0.14	< 2	2	314	0.16	< 20	5	< 2	< 10	157	< 10	4	4	
883741	0.31	17	0.58	0.154	0.069	0.10	< 2	2	392	0.17	< 20	3	< 2	< 10	167	< 10	3	4	
883742	0.28	18	0.59	0.151	0.065	0.15	< 2	2	382	0.17	< 20	6	< 2	< 10	167	< 10	3	5	
883743	0.28	16	0.86	0.144	0.063	0.13	< 2	2	449	0.17	< 20	3	< 2	< 10	165	< 10	3	4	
883744	0.30	17	0.87	0.145	0.062	0.13	< 2	2	462	0.18	< 20	5	3	< 10	165	< 10	3	4	
883745	0.28	14	1.11	0.147	0.054	0.70	< 2	4	287	0.21	< 20	4	< 2	< 10	230	< 10	4	7	
883746	0.28	14	0.91	0.181	0.055	0.14	< 2	3	294	0.19	< 20	< 1	< 2	< 10	185	< 10	4	5	
883747	0.20	13	0.97	0.110	0.043	0.17	< 2	2	376	0.17	< 20	2	< 2	< 10	171	< 10	3	5	
883748	0.24	13	0.84	0.143	0.057	0.07	< 2	2	325	0.17	< 20	5	< 2	< 10	167	< 10	3	5	
883749	0.20	< 10	3.19	0.451	0.063	3.29	2	3	77	0.19	< 20	4	7	< 10	64	< 10	6	10	
883750	0.27	13	0.82	0.219	0.044	0.14	< 2	3	261	0.21	< 20	5	< 2	< 10	265	< 10	3	6	
883751	0.28	13	0.78	0.206	0.038	0.17	2	3	299	0.22	< 20	3	< 2	< 10	241	< 10	4	6	

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ni
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.003
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
883752	0.29	15	0.90	0.188	0.046	0.06	< 2	3	300	0.18	< 20	< 1	< 2	< 10	168	< 10	4	5	
883753	0.24	13	1.01	0.134	0.045	0.08	< 2	2	331	0.16	< 20	6	< 2	< 10	148	< 10	3	4	
883754	0.89	21	1.61	0.263	0.054	0.11	< 2	8	228	0.14	< 20	2	< 2	< 10	40	< 10	12	11	
883755	0.25	14	0.85	0.140	0.042	0.08	< 2	3	251	0.16	< 20	6	< 2	< 10	155	< 10	3	4	
883756	0.24	13	0.85	0.127	0.040	0.18	< 2	2	257	0.16	< 20	3	< 2	< 10	127	< 10	3	4	
883757	0.23	12	0.81	0.140	0.045	0.07	< 2	2	264	0.14	< 20	3	< 2	< 10	157	< 10	3	4	
883758	0.27	13	0.83	0.168	0.049	0.08	< 2	2	285	0.17	< 20	5	< 2	< 10	156	< 10	4	4	
883759	0.20	< 10	3.05	0.529	0.067	1.67	< 2	3	88	0.19	< 20	3	< 2	< 10	57	< 10	7	10	
883760	0.26	14	0.97	0.147	0.055	0.12	< 2	3	274	0.18	< 20	3	< 2	< 10	156	< 10	4	4	
883761	0.28	14	0.84	0.225	0.048	0.08	< 2	3	302	0.19	< 20	< 1	< 2	< 10	152	< 10	4	5	
883762	0.29	14	0.78	0.253	0.048	0.08	< 2	3	338	0.18	< 20	5	< 2	< 10	154	< 10	3	5	
883763	0.28	13	0.80	0.228	0.046	0.07	< 2	3	268	0.18	< 20	3	< 2	< 10	158	< 10	4	5	
883764	0.27	13	0.78	0.220	0.046	0.06	< 2	3	251	0.18	< 20	5	< 2	< 10	154	< 10	4	6	
883765	0.36	14	0.80	0.219	0.052	0.07	< 2	2	220	0.15	< 20	5	< 2	< 10	162	< 10	3	5	
883766	0.29	17	1.85	0.136	0.055	0.05	< 2	5	276	0.14	< 20	5	< 2	< 10	161	< 10	4	8	
883767	0.19	14	2.16	0.107	0.042	0.06	< 2	5	552	0.15	< 20	< 1	< 2	< 10	162	< 10	4	9	
883768	0.22	16	0.78	0.201	0.073	0.57	< 2	3	194	0.20	< 20	< 1	< 2	< 10	117	< 10	4	5	
883769	0.20	< 10	3.05	0.441	0.061	3.34	2	3	78	0.19	< 20	4	< 2	< 10	63	< 10	6	10	
883770	0.48	16	0.85	0.331	0.063	0.40	< 2	3	207	0.20	< 20	3	3	< 10	133	< 10	4	5	
883771	0.62	17	0.86	0.327	0.078	0.23	< 2	3	192	0.19	< 20	2	< 2	< 10	135	< 10	4	5	
883772	0.31	17	1.03	0.148	0.081	0.43	< 2	3	191	0.19	< 20	4	< 2	< 10	102	< 10	4	4	
883773	0.37	17	1.04	0.199	0.073	0.44	< 2	3	228	0.19	< 20	< 1	3	< 10	101	< 10	3	4	
883774	1.03	22	1.60	0.324	0.058	0.05	< 2	8	235	0.15	< 20	3	< 2	< 10	39	< 10	12	11	
883775	0.34	14	0.92	0.213	0.065	0.41	< 2	3	214	0.18	< 20	3	< 2	< 10	114	< 10	4	4	
883776	0.40	14	0.85	0.293	0.063	0.14	< 2	4	253	0.20	< 20	8	< 2	< 10	176	< 10	5	5	
883777	0.49	11	0.94	0.262	0.052	0.35	3	5	181	0.21	< 20	3	3	< 10	300	< 10	4	6	
883778	0.32	10	0.86	0.247	0.034	0.80	< 2	4	216	0.22	< 20	5	7	< 10	370	< 10	4	7	
883779	0.22	< 10	3.15	0.566	0.069	1.74	3	3	90	0.21	< 20	5	< 2	< 10	60	< 10	7	10	
883780	0.31	< 10	0.88	0.179	0.032	1.46	< 2	4	204	0.22	< 20	3	< 2	< 10	339	< 10	4	7	
883781	0.23	12	0.98	0.134	0.039	1.47	< 2	4	214	0.19	< 20	3	< 2	< 10	224	< 10	4	6	
883782	0.24	13	0.97	0.162	0.051	0.64	< 2	3	252	0.18	< 20	2	< 2	< 10	189	< 10	4	6	
883783	0.20	12	0.95	0.097	0.044	0.61	< 2	2	296	0.17	< 20	2	5	< 10	164	< 10	4	5	
883784	0.20	13	0.97	0.096	0.043	0.61	< 2	2	299	0.17	< 20	2	< 2	< 10	169	< 10	4	5	
883785	0.17	14	3.09	0.092	0.035	0.20	< 2	8	244	0.16	< 20	2	< 2	< 10	194	< 10	5	7	
883786	0.24	13	1.26	0.116	0.042	0.10	< 2	3	301	0.18	< 20	3	< 2	< 10	176	< 10	4	4	
883787	0.16	11	0.84	0.147	0.041	0.09	< 2	3	230	0.18	< 20	4	< 2	< 10	184	< 10	4	5	
883788	0.36	10	0.94	0.293	0.039	0.08	< 2	3	220	0.17	< 20	6	< 2	< 10	202	< 10	3	6	
883789	0.20	< 10	3.12	0.446	0.062	3.40	< 2	3	79	0.19	< 20	3	< 2	< 10	64	< 10	6	10	
883790	0.48	11	0.98	0.457	0.044	0.09	< 2	4	275	0.18	< 20	2	< 2	< 10	227	< 10	3	6	
883791	0.41	11	0.88	0.324	0.052	0.08	< 2	3	270	0.16	< 20	7	3	< 10	188	< 10	3	5	
883792	0.46	11	0.98	0.341	0.040	0.06	< 2	3	303	0.17	< 20	3	2	< 10	172	< 10	3	5	
883793	0.49	15	1.04	0.291	0.047	0.06	< 2	4	228	0.20	< 20	6	< 2	< 10	167	< 10	4	6	

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ni
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.003
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
883794	1.02	22	1.63	0.296	0.058	0.05	< 2	8	239	0.15	< 20	3	4	< 10	38	< 10	12	11	
883795	0.38	24	1.86	0.221	0.106	0.07	< 2	8	203	0.27	< 20	< 1	< 2	< 10	104	< 10	6	12	
883796	0.45	21	1.74	0.164	0.071	0.05	< 2	5	152	0.22	< 20	5	< 2	< 10	105	< 10	4	7	
883797	0.18	17	0.86	0.128	0.056	0.08	< 2	3	280	0.18	< 20	5	< 2	< 10	118	< 10	3	5	
883798	0.20	12	0.94	0.168	0.053	0.07	< 2	3	261	0.17	< 20	1	4	< 10	149	< 10	3	5	
883799	0.20	< 10	2.96	0.517	0.064	1.67	< 2	3	84	0.18	< 20	4	< 2	< 10	56	< 10	7	9	
883800	0.26	< 10	0.85	0.253	0.040	0.07	< 2	3	224	0.16	< 20	3	< 2	< 10	168	< 10	2	5	
883801	0.35	< 10	0.81	0.390	0.045	0.08	< 2	3	250	0.19	< 20	< 1	3	< 10	183	< 10	3	6	
883802	0.36	11	0.78	0.388	0.054	0.10	< 2	3	258	0.18	< 20	5	< 2	< 10	189	< 10	3	6	
883803	0.19	15	1.05	0.128	0.061	0.31	< 2	3	383	0.21	< 20	< 1	2	< 10	145	< 10	4	5	
883804	0.19	14	1.04	0.123	0.061	0.30	< 2	3	351	0.20	< 20	< 1	< 2	< 10	142	< 10	4	5	
883805	0.44	13	0.99	0.323	0.052	0.07	< 2	4	232	0.19	< 20	6	3	< 10	168	< 10	3	6	
883806	0.38	12	0.92	0.280	0.052	0.07	< 2	4	243	0.19	< 20	< 1	< 2	< 10	166	< 10	3	6	
883807	0.42	12	0.90	0.332	0.045	0.07	< 2	4	242	0.19	< 20	3	< 2	< 10	166	< 10	3	6	

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 14P Meas																							
OREAS 14P Cert																							
PK2 Meas	4850	5820	4620																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4690	5720	4660																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4920	5950	4790																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4810	5900	4540																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4790	5760	4560																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4780	5940	4600																				
PK2 Cert	4785	5918	4749																				
OREAS 904 (4 ACID) Meas				0.3		6150	445	2	35	10	25	1.88	99		86	7.7	7	0.04	85	25	6.40	< 10	
OREAS 904 (4 ACID) Cert				0.551		6120	410	2.12	40.1	10.6	26.3	6.30	98.0		194	7.86	4.05	0.0460	83.0	54.0	6.68	16.7	
OREAS 904 (Aqua Regia) Meas				0.4	< 0.5	5480	403	2	33	11	23	1.75	93		78	6.9	6	0.04	78	23	5.82	< 10	
OREAS 904 (Aqua Regia) Cert				0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40	
OREAS 922 (AQUA REGIA) Meas				1.1	< 0.5	2270	783	< 1	35	56	268	2.89	7		88	0.8	9	0.39	16	47	5.54	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 922 (AQUA REGIA) Meas				0.9	< 0.5	2120	729	< 1	33	57	250	2.71	6		87	0.8	10	0.37	18	44	5.02	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 923 (AQUA REGIA) Meas				1.4	< 0.5	4290	856	< 1	33	75	329	2.80	8		66	0.7	25	0.38	19	43	6.15	< 10	
OREAS 923 (AQUA REGIA) Cert				1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01	
OREAS 923 (AQUA REGIA) Meas				1.6	< 0.5	4260	843	< 1	30	78	381	2.82	4		66	0.7	30	0.37	18	41	6.05	< 10	
OREAS 923 (AQUA REGIA)				1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01	

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Cert																							
PTC-1b Meas																							
PTC-1b Cert																							
OREAS 520 (Aqua Regia) Meas						2930	2100	55	76	5	21	1.52	150			0.6	5	3.54	167	35	16.8	10	
OREAS 520 (Aqua Regia) Cert						2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7	
OREAS 520 (Aqua Regia) Meas						2730	2020	53	76	3	20	1.44	145			0.5	< 2	3.37	163	33	15.7	10	
OREAS 520 (Aqua Regia) Cert						2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7	
CDN-PGMS-27 Meas	4700	1990	1230																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4630	2060	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4470	2010	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4550	2020	1290																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4590	2010	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
Oreas 621 (Aqua Regia) Meas				66.4	272	3440	522	13	29	> 5000	> 10000	1.70	80			0.6	2	1.60	28	39	3.37	< 10	3
Oreas 621 (Aqua Regia) Cert				68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93
Oreas 621 (Aqua Regia) Meas				63.7	276	3360	524	12	24	> 5000	> 10000	1.70	75			0.6	5	1.63	28	31	3.26	10	4
Oreas 621 (Aqua Regia) Cert				68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93
882569 Orig	3	6	< 5																				
882569 Dup	3	7	< 5																				
882571 Orig				0.3	< 0.5	147	225	< 1	53	5	39	2.64	< 2	< 10	97	< 0.5	< 2	2.51	21	32	3.52	< 10	< 1
882571 Dup				0.3	< 0.5	145	238	< 1	54	5	38	2.71	< 2	< 10	99	< 0.5	< 2	2.59	21	33	3.69	< 10	< 1
882579 Orig	12	27	14																				
882579 Dup	13	26	16																				

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
882585 Orig				< 0.2	< 0.5	11	1930	< 1	36	4	108	5.28	8	50	392	1.4	< 2	6.33	14	54	4.39	20	3
882585 Dup				< 0.2	0.6	11	1900	< 1	34	3	106	5.20	7	50	387	1.4	2	6.28	15	53	4.33	20	3
882591 Orig	< 2	< 5	< 5																				
882591 Dup	< 2	< 5	< 5																				
882598 Orig				0.2	< 0.5	146	241	< 1	57	3	45	2.34	< 2	< 10	135	< 0.5	< 2	2.44	24	34	4.74	< 10	< 1
882598 Dup				< 0.2	< 0.5	143	244	< 1	57	5	43	2.26	< 2	< 10	134	< 0.5	< 2	2.36	25	34	4.68	< 10	< 1
882819 Orig	46	104	58																				
882819 Dup	48	108	61																				
882823 Orig	101	237	166	1.3	0.5	1680	361	< 1	215	30	63	2.50	< 2	< 10	88	< 0.5	< 2	2.14	39	48	4.76	< 10	< 1
882823 Split PREP DUP	106	249	141	1.4	< 0.5	1720	366	< 1	225	27	64	2.60	< 2	< 10	95	< 0.5	< 2	2.20	41	49	4.94	< 10	< 1
882826 Orig				5.1	1.1	6710	331	< 1	852	109	290	2.51	2	< 10	34	< 0.5	6	1.67	78	44	6.19	< 10	2
882826 Dup				5.1	1.2	6380	323	< 1	856	108	281	2.49	2	< 10	42	< 0.5	10	1.65	78	44	6.01	< 10	4
882828 Orig	166	348	202																				
882828 Dup	176	367	217																				
882839 Orig	31	16	9																				
882839 Dup	23	15	9																				
883703 Orig				1.0	< 0.5	1280	227	< 1	174	16	54	2.27	2	< 10	117	< 0.5	< 2	1.90	37	41	5.56	< 10	< 1
883703 Dup				1.1	< 0.5	1290	223	< 1	169	17	51	2.27	< 2	< 10	115	< 0.5	< 2	1.90	35	40	5.39	< 10	< 1
883707 Orig	461	958	592																				
883707 Dup	458	945	568																				
883717 Orig	41	110	65	1.4	< 0.5	824	331	< 1	130	12	44	2.87	< 2	< 10	208	< 0.5	< 2	2.24	30	55	4.75	< 10	< 1
883717 Dup	40	103	59	1.3	< 0.5	792	331	< 1	127	5	41	2.80	< 2	< 10	228	< 0.5	< 2	2.18	30	55	4.70	< 10	< 1
883727 Orig	< 2	6	< 5	< 0.2	< 0.5	260	318	< 1	87	4	44	1.34	2	< 10	84	< 0.5	< 2	1.62	70	61	11.1	10	3
883727 Split PREP DUP	< 2	7	< 5	0.2	< 0.5	282	348	< 1	96	2	45	1.44	< 2	< 10	90	< 0.5	< 2	1.74	73	63	12.0	10	< 1
883741 Orig	11	16	7																				
883741 Dup	9	15	7																				
883743 Orig				0.4	< 0.5	332	263	< 1	66	10	46	3.26	< 2	< 10	120	< 0.5	< 2	3.06	20	21	4.02	10	< 1
883743 Dup				0.4	0.5	341	264	< 1	66	9	45	3.23	< 2	< 10	117	< 0.5	< 2	3.06	22	22	3.99	10	< 1
883751 Orig	10	20	8																				
883751 Dup	12	23	15																				
883761 Orig				0.3	< 0.5	176	262	< 1	50	2	30	2.43	< 2	< 10	139	< 0.5	< 2	2.56	20	41	3.55	< 10	< 1
883761 Dup				< 0.2	< 0.5	178	252	< 1	47	< 2	29	2.36	< 2	< 10	137	< 0.5	< 2	2.47	20	39	3.48	< 10	< 1
883762 Orig	4	9	< 5																				
883762 Dup	3	9	< 5																				
883775 Orig				1.0	< 0.5	1060	233	< 1	193	10	40	2.28	2	< 10	144	< 0.5	< 2	2.27	31	36	3.33	< 10	< 1
883775 Dup				1.0	< 0.5	1080	230	< 1	196	7	40	2.32	< 2	< 10	146	< 0.5	< 2	2.26	29	36	3.56	< 10	< 1
883776 Orig	19	25	14																				
883776 Dup	20	24	14																				
883777 Orig	50	115	59	1.1	< 0.5	1160	277	< 1	192	13	54	2.04	< 2	< 10	202	< 0.5	< 2	1.85	38	55	6.26	< 10	2
883777 Split PREP DUP	59	115	65	1.2	< 0.5	1190	281	< 1	195	11	56	2.10	< 2	< 10	194	< 0.5	< 2	1.88	39	56	6.46	< 10	4

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883785 Orig	23	42	20																				
883785 Dup	22	42	20																				
883787 Orig				0.3	< 0.5	148	220	< 1	49	3	29	1.90	< 2	< 10	94	< 0.5	< 2	2.01	21	46	3.18	< 10	< 1
883787 Dup				< 0.2	< 0.5	147	221	< 1	50	2	27	1.91	< 2	< 10	92	< 0.5	< 2	2.02	22	46	3.25	< 10	< 1
883796 Orig	< 2	< 5	< 5																				
883796 Dup	< 2	< 5	< 5																				
883800 Orig	< 2	6	< 5																				
883800 Dup	< 2	7	< 5																				
883801 Orig				< 0.2	< 0.5	108	179	< 1	48	< 2	31	1.98	< 2	< 10	197	< 0.5	< 2	1.57	24	39	3.51	< 10	< 1
883801 Dup				0.2	< 0.5	120	191	< 1	52	< 2	35	2.17	< 2	< 10	214	< 0.5	< 2	1.66	22	41	3.95	< 10	< 1
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank																							

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ni
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.003
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
OREAS 14P Meas																			1.99
OREAS 14P Cert																			2.10
PK2 Meas																			
PK2 Cert																			
PK2 Meas																			
PK2 Cert																			
PK2 Meas																			
PK2 Cert																			
PK2 Meas																			
PK2 Cert																			
PK2 Meas																			
PK2 Cert																			
PK2 Meas																			
PK2 Cert																			
OREAS 904 (4 ACID) Meas	0.87	39	0.21	0.024	0.096	0.04	3	5	19		< 20		< 2	< 10	35	< 10	23	4	
OREAS 904 (4 ACID) Cert	3.31	43.2	0.556	0.0340	0.0980	0.0630	1.48	11.2	27.2		14.3		0.520	8.43	76.0	2.12	31.5	171	
OREAS 904 (Aqua Regia) Meas	0.83	36	0.20		0.088	0.04	< 2	5	17		< 20		< 2	< 10	33		21		
OREAS 904 (Aqua Regia) Cert	0.603	33.9	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2		
OREAS 922 (AQUA REGIA) Meas	0.48	36	1.41	0.034	0.062	0.38	< 2	4	16		< 20		< 2	< 10	38	< 10	23	20	
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.49	35	1.31	0.034	0.057	0.35	< 2	4	15		< 20		2	< 10	36	< 10	23	11	
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 923 (AQUA REGIA) Meas	0.39	33	1.45		0.056	0.67	< 2	4	14		< 20		< 2	< 10	36	< 10	20	14	
OREAS 923 (AQUA REGIA) Cert	0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas	0.41	32	1.46		0.056	0.66	2	4	13		< 20		< 2	< 10	36	< 10	21	13	
OREAS 923	0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ni
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.003
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
(AQUA REGIA) Cert																			
PTC-1b Meas																			11.4
PTC-1b Cert																			11.29
OREAS 520 (Aqua Regia) Meas	0.49	67	1.19	0.064	0.070	0.90	6	12	29	0.16	< 20	7	< 2	13	249	29	15	42	
OREAS 520 (Aqua Regia) Cert	0.506	83.0	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0	
OREAS 520 (Aqua Regia) Meas	0.46	65	1.12	0.062	0.065	0.84	5	11	27	0.15	< 20	5	2	13	234	26	14	40	
OREAS 520 (Aqua Regia) Cert	0.506	83.0	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0	
CDN-PGMS-27 Meas																			
CDN-PGMS-27 Cert																			
CDN-PGMS-27 Meas																			
CDN-PGMS-27 Cert																			
CDN-PGMS-27 Meas																			
CDN-PGMS-27 Cert																			
CDN-PGMS-27 Meas																			
CDN-PGMS-27 Cert																			
CDN-PGMS-27 Meas																			
CDN-PGMS-27 Cert																			
Oreas 621 (Aqua Regia) Meas	0.34	19	0.45	0.173	0.031	4.56	95	3	17		< 20		2	< 10	13	< 10	10	51	
Oreas 621 (Aqua Regia) Cert	0.333	19.4	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.34	19	0.44	0.170	0.029	4.39	79	3	17		< 20		3	< 10	14	< 10	10	30	
Oreas 621 (Aqua Regia) Cert	0.333	19.4	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
882569 Orig																			
882569 Dup																			
882571 Orig	0.23	15	0.74	0.116	0.067	0.10	< 2	2	373	0.15	< 20	2	< 2	< 10	143	< 10	3	5	
882571 Dup	0.22	16	0.74	0.116	0.068	0.10	< 2	2	387	0.16	< 20	2	< 2	< 10	146	< 10	3	5	

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ni
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.003
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
882579 Orig																			
882579 Dup																			
882585 Orig	1.15	24	1.78	0.292	0.062	0.05	< 2	8	256	0.15	< 20	4	< 2	< 10	46	< 10	13	11	
882585 Dup	1.14	24	1.75	0.287	0.061	0.05	3	8	249	0.15	< 20	< 1	2	< 10	46	< 10	13	11	
882591 Orig																			
882591 Dup																			
882598 Orig	0.35	16	0.90	0.167	0.062	0.13	< 2	4	264	0.20	< 20	5	< 2	< 10	208	< 10	4	6	
882598 Dup	0.35	15	0.89	0.165	0.061	0.13	< 2	4	252	0.20	< 20	2	3	< 10	205	< 10	4	6	
882819 Orig																			
882819 Dup																			
882823 Orig	0.24	15	1.51	0.147	0.056	0.46	< 2	5	229	0.17	< 20	4	< 2	< 10	158	< 10	5	7	
882823 Split PREP DUP	0.25	16	1.55	0.151	0.060	0.50	< 2	5	239	0.17	< 20	3	< 2	< 10	160	< 10	6	7	
882826 Orig	0.29	12	1.65	0.172	0.050	1.66	< 2	5	222	0.15	< 20	7	< 2	< 10	152	< 10	4	8	
882826 Dup	0.28	12	1.61	0.158	0.050	1.59	2	5	224	0.15	< 20	4	< 2	< 10	146	< 10	4	8	
882828 Orig																			
882828 Dup																			
882839 Orig																			
882839 Dup																			
883703 Orig	0.31	12	0.74	0.218	0.045	0.45	< 2	3	267	0.19	< 20	2	< 2	< 10	238	< 10	3	7	
883703 Dup	0.29	12	0.73	0.220	0.045	0.45	< 2	3	267	0.18	< 20	6	< 2	< 10	235	< 10	3	6	
883707 Orig																			
883707 Dup																			
883717 Orig	0.70	11	1.31	0.485	0.033	0.33	7	6	295	0.21	< 20	1	< 2	< 10	180	< 10	5	6	
883717 Dup	0.66	11	1.29	0.476	0.032	0.33	< 2	6	288	0.20	< 20	3	< 2	< 10	175	< 10	5	6	
883727 Orig	0.22	< 10	1.21	0.149	0.035	0.39	2	7	94	0.24	< 20	7	< 2	< 10	921	< 10	5	9	
883727 Split PREP DUP	0.24	< 10	1.36	0.175	0.035	0.41	3	8	102	0.26	< 20	8	< 2	< 10	934	< 10	5	10	
883741 Orig																			
883741 Dup																			
883743 Orig	0.28	16	0.87	0.144	0.062	0.13	< 2	2	455	0.17	< 20	5	< 2	< 10	165	< 10	3	4	
883743 Dup	0.28	16	0.86	0.145	0.063	0.13	< 2	2	444	0.17	< 20	2	< 2	< 10	165	< 10	3	4	
883751 Orig																			
883751 Dup																			
883761 Orig	0.29	14	0.85	0.224	0.049	0.08	< 2	3	306	0.19	< 20	< 1	< 2	< 10	154	< 10	4	5	
883761 Dup	0.28	14	0.84	0.225	0.047	0.08	< 2	3	298	0.19	< 20	2	< 2	< 10	149	< 10	4	5	
883762 Orig																			
883762 Dup																			
883775 Orig	0.33	15	0.91	0.205	0.064	0.41	< 2	3	214	0.18	< 20	2	< 2	< 10	115	< 10	4	4	
883775 Dup	0.36	14	0.93	0.221	0.065	0.41	< 2	3	214	0.17	< 20	3	< 2	< 10	114	< 10	4	4	
883776 Orig																			
883776 Dup																			

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Ni
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.003
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	ICP-OES
883777 Orig	0.49	11	0.94	0.262	0.052	0.35	3	5	181	0.21	< 20	3	3	< 10	300	< 10	4	6	
883777 Split PREP DUP	0.52	11	0.97	0.263	0.053	0.37	< 2	5	181	0.21	< 20	7	< 2	< 10	305	< 10	4	6	
883785 Orig																			
883785 Dup																			
883787 Orig	0.17	11	0.84	0.148	0.041	0.09	< 2	3	232	0.18	< 20	6	< 2	< 10	183	< 10	4	5	
883787 Dup	0.16	11	0.84	0.146	0.042	0.09	< 2	3	227	0.18	< 20	3	< 2	< 10	184	< 10	4	5	
883796 Orig																			
883796 Dup																			
883800 Orig																			
883800 Dup																			
883801 Orig	0.34	< 10	0.77	0.375	0.044	0.08	< 2	3	242	0.18	< 20	< 1	4	< 10	176	< 10	3	6	
883801 Dup	0.36	11	0.84	0.404	0.047	0.08	< 2	3	258	0.19	< 20	4	2	< 10	189	< 10	3	6	
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank	< 0.01	< 10	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	< 10	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	< 10	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																			< 0.003

Quality Analysis ... *Innovative Technologies*

Date Submitted: 15-Feb-19
Invoice No.: A19-02374
Invoice Date: 22-Mar-19
Your Reference: EAGLE ROCK

Champion Bear Resources
2005-9th Street S.W.
Calgary AB T2T 3C4
Canada

ATTN: President Richard Kantor

CERTIFICATE OF ANALYSIS

120 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1C-OES-Tbay Fire Assay ICPOES (QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A19-02374**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883808	< 2	< 5	6	0.3	< 0.5	86	219	< 1	43	< 2	33	2.22	< 2	< 10	222	< 0.5	< 2	1.88	21	35	3.54	< 10	< 1
883809	178	1240	607	3.4	0.6	6290	640	3	9130	29	99	2.63	< 2	< 10	< 10	< 0.5	< 2	1.56	149	134	11.7	< 10	< 1
883810	< 2	< 5	8	0.3	< 0.5	94	212	< 1	46	< 2	35	2.40	3	< 10	227	< 0.5	< 2	1.86	21	34	3.59	< 10	< 1
883811	< 2	5	< 5	0.2	< 0.5	108	218	< 1	46	< 2	33	2.23	< 2	< 10	205	< 0.5	< 2	1.91	22	34	3.62	< 10	< 1
883812	< 2	5	< 5	< 0.2	< 0.5	102	169	< 1	40	< 2	32	2.02	< 2	< 10	172	< 0.5	< 2	1.72	19	31	3.22	< 10	< 1
883813	< 2	< 5	< 5	0.3	< 0.5	106	175	< 1	42	< 2	31	2.08	< 2	< 10	163	< 0.5	< 2	1.79	19	35	3.49	< 10	< 1
883814	< 2	< 5	< 5	< 0.2	< 0.5	11	2460	1	32	< 2	69	4.68	7	42	336	1.3	2	5.56	13	46	3.66	10	3
883815	< 2	8	9	0.3	< 0.5	199	205	< 1	63	< 2	37	2.18	< 2	< 10	171	< 0.5	< 2	2.00	23	39	3.91	< 10	< 1
883816	< 2	< 5	< 5	0.2	< 0.5	118	257	2	47	< 2	32	2.28	< 2	< 10	167	< 0.5	< 2	2.24	21	27	3.47	< 10	< 1
883817	3	< 5	< 5	0.3	< 0.5	201	227	< 1	69	< 2	37	2.49	< 2	< 10	202	< 0.5	< 2	2.02	21	61	3.52	< 10	< 1
883818	< 2	< 5	< 5	0.3	< 0.5	166	183	< 1	61	< 2	33	2.04	< 2	< 10	117	< 0.5	< 2	1.69	20	50	3.32	< 10	< 1
883819	65	585	284	2.0	< 0.5	4300	769	4	4540	12	82	3.00	5	< 10	16	< 0.5	7	1.80	96	93	12.0	< 10	2
883820	3	8	5	0.3	< 0.5	250	166	< 1	64	< 2	39	1.70	< 2	< 10	108	< 0.5	< 2	1.56	21	40	3.62	< 10	< 1
883821	13	22	13	0.8	< 0.5	769	324	< 1	233	10	51	1.99	< 2	< 10	95	< 0.5	< 2	1.65	47	136	8.03	< 10	2
883822	30	73	42	1.2	< 0.5	1220	262	< 1	238	13	45	2.23	< 2	< 10	113	< 0.5	< 2	1.92	40	43	5.35	< 10	< 1
883823	33	74	44	1.3	< 0.5	1160	257	< 1	209	8	49	2.18	< 2	< 10	77	< 0.5	< 2	2.09	39	40	5.26	< 10	2
883824	36	72	41	0.9	< 0.5	1130	261	< 1	211	6	49	2.23	< 2	< 10	81	< 0.5	< 2	2.11	40	42	5.37	< 10	2
883825	34	74	44	1.0	< 0.5	1050	280	< 1	210	15	44	2.27	< 2	< 10	106	< 0.5	< 2	1.96	33	45	4.26	< 10	< 1
883826	63	141	68	1.8	< 0.5	2020	238	< 1	461	8	49	2.35	< 2	< 10	36	< 0.5	< 2	1.93	45	46	5.33	< 10	2
883827	116	258	152	4.0	< 0.5	2950	221	< 1	397	12	49	2.23	< 2	< 10	27	< 0.5	< 2	1.74	58	14	5.75	< 10	2
883828	170	364	181	3.6	< 0.5	4110	219	< 1	544	11	52	2.29	< 2	< 10	30	< 0.5	< 2	1.78	63	13	6.28	< 10	2
883829	139	1300	647	3.3	0.7	6210	648	3	9360	30	98	2.68	3	< 10	< 10	< 0.5	< 2	1.62	152	138	11.6	< 10	2
883830	68	107	51	1.5	< 0.5	1450	212	< 1	235	9	40	2.18	< 2	< 10	99	< 0.5	< 2	1.78	37	42	5.16	< 10	3
883831	58	109	70	1.5	< 0.5	1560	286	< 1	345	9	43	1.64	< 2	< 10	94	< 0.5	< 2	1.58	55	86	8.67	< 10	2
883832	16	21	17	1.1	< 0.5	1060	312	< 1	353	9	53	1.58	< 2	< 10	107	< 0.5	< 2	1.48	58	53	11.1	10	2
883833	149	411	238	3.1	< 0.5	3900	260	< 1	941	14	55	2.16	< 2	< 10	31	< 0.5	< 2	1.77	66	33	6.44	< 10	1
883834	< 2	< 5	< 5	< 0.2	< 0.5	16	2510	1	32	< 2	64	4.31	7	43	337	1.2	< 2	5.61	13	45	3.64	10	3
883835	229	602	343	3.3	< 0.5	3720	241	< 1	815	17	43	2.11	< 2	< 10	24	< 0.5	< 2	2.16	65	37	4.90	< 10	1
883836	195	682	410	2.4	< 0.5	3390	249	< 1	844	11	37	2.42	< 2	< 10	24	< 0.5	< 2	2.45	70	25	5.64	< 10	< 1
883837	356	752	469	5.2	< 0.5	5610	228	< 1	1010	34	60	2.15	< 2	< 10	21	< 0.5	< 2	1.57	77	39	6.16	< 10	< 1
883838	297	653	378	4.7	< 0.5	4760	222	< 1	870	15	57	2.46	< 2	< 10	31	< 0.5	< 2	1.80	60	50	5.40	< 10	< 1
883839	96	621	318	2.0	< 0.5	4480	788	4	4760	11	84	3.09	3	< 10	20	< 0.5	3	1.86	95	96	12.5	< 10	3
883840	218	509	314	3.3	< 0.5	3340	229	< 1	545	8	40	2.46	< 2	< 10	39	< 0.5	2	1.86	51	54	4.47	< 10	2
883841	249	569	350	3.5	< 0.5	3790	430	< 1	523	48	73	3.11	< 2	< 10	33	< 0.5	< 2	3.20	54	57	4.74	< 10	2
883842	391	791	501	4.6	< 0.5	4900	221	< 1	605	13	47	2.26	< 2	< 10	28	< 0.5	< 2	1.92	63	60	4.77	< 10	< 1
883843	348	812	485	4.7	< 0.5	5000	271	< 1	617	13	52	2.57	< 2	< 10	30	< 0.5	< 2	2.33	62	54	4.96	< 10	1
883844	344	718	495	4.5	< 0.5	4970	267	< 1	611	14	52	2.56	< 2	< 10	28	< 0.5	< 2	2.32	63	54	4.97	< 10	1
883845	315	774	491	4.0	< 0.5	4850	300	< 1	564	13	54	2.52	< 2	< 10	25	< 0.5	< 2	2.06	63	54	5.04	< 10	1
883846	105	223	155	1.4	< 0.5	1620	244	< 1	229	8	35	2.37	< 2	< 10	98	< 0.5	< 2	2.17	35	54	4.14	< 10	< 1
883847	138	265	170	2.5	< 0.5	2360	225	< 1	293	5	36	2.27	< 2	< 10	60	< 0.5	< 2	1.95	36	47	3.79	< 10	< 1
883848	36	93	53	0.6	< 0.5	817	296	< 1	122	9	37	2.15	< 2	< 10	93	< 0.5	< 2	2.21	25	40	3.38	< 10	< 1
883849	133	1350	710	3.4	0.8	6430	661	3	9800	30	102	2.74	< 2	< 10	< 10	< 0.5	< 2	1.65	154	141	12.0	< 10	2

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883850	27	58	33	0.7	< 0.5	771	232	< 1	122	8	30	2.32	< 2	< 10	137	< 0.5	< 2	2.17	27	46	3.45	< 10	< 1
883851	19	35	26	0.6	< 0.5	463	257	< 1	101	< 2	34	2.41	< 2	< 10	266	< 0.5	< 2	1.96	26	91	3.50	< 10	< 1
883852	14	106	50	1.0	1.4	568	245	< 1	184	42	333	2.22	< 2	< 10	55	< 0.5	< 2	2.27	34	39	3.30	< 10	< 1
883853	6	65	36	0.3	< 0.5	358	224	< 1	113	6	31	3.00	< 2	< 10	94	< 0.5	< 2	3.21	23	28	2.72	< 10	< 1
883854	< 2	< 5	6	0.3	< 0.5	13	1650	< 1	38	< 2	77	5.13	4	45	343	1.3	< 2	6.20	14	51	4.12	10	2
883855	4	12	< 5	0.2	< 0.5	223	253	< 1	77	3	23	2.70	2	< 10	74	< 0.5	< 2	2.96	23	31	2.79	< 10	< 1
883856	< 2	5	< 5	< 0.2	< 0.5	112	279	< 1	50	< 2	25	2.42	< 2	< 10	141	< 0.5	< 2	2.44	18	34	2.97	< 10	< 1
883857	85	188	121	1.1	< 0.5	1530	262	< 1	217	34	66	2.57	< 2	< 10	82	< 0.5	< 2	2.52	33	32	3.55	< 10	< 1
883858	10	38	20	0.3	< 0.5	342	241	< 1	84	< 2	30	2.75	< 2	< 10	132	< 0.5	< 2	2.71	19	24	2.80	< 10	< 1
883859	91	686	348	2.0	< 0.5	4520	782	4	4650	11	84	3.15	6	< 10	19	< 0.5	< 2	1.89	98	96	12.6	< 10	1
883860	211	492	283	4.2	0.5	4770	274	< 1	521	21	55	2.35	< 2	< 10	27	< 0.5	< 2	1.99	67	30	5.09	< 10	< 1
883861	158	356	197	3.0	< 0.5	3600	267	< 1	408	25	56	2.46	< 2	< 10	23	< 0.5	< 2	2.17	52	28	4.27	< 10	< 1
883862	202	456	253	4.2	< 0.5	4530	245	< 1	525	12	47	2.22	< 2	< 10	31	< 0.5	< 2	1.88	60	45	5.45	< 10	2
883863	289	660	416	5.8	< 0.5	6110	235	< 1	845	23	55	2.00	< 2	< 10	26	< 0.5	< 2	1.82	63	25	4.65	< 10	< 1
883864	269	607	343	6.2	< 0.5	6150	237	< 1	867	20	55	2.05	< 2	< 10	25	< 0.5	< 2	1.82	63	25	4.67	< 10	< 1
883865	51	122	68	1.4	< 0.5	1290	292	< 1	208	22	53	2.45	< 2	< 10	104	< 0.5	< 2	2.41	27	44	3.55	< 10	< 1
883866	7	12	< 5	0.4	< 0.5	186	251	< 1	57	< 2	29	2.38	< 2	< 10	139	< 0.5	< 2	2.29	21	53	3.04	< 10	< 1
883867	6	27	23	0.2	< 0.5	198	238	< 1	62	< 2	28	2.32	< 2	< 10	140	< 0.5	< 2	2.23	19	50	2.89	< 10	< 1
883868	2	9	5	0.2	< 0.5	126	249	< 1	50	< 2	28	2.43	< 2	< 10	93	< 0.5	< 2	2.52	19	44	2.70	< 10	< 1
883869	147	1140	606	3.3	0.9	6390	646	3	9610	27	97	2.72	5	< 10	< 10	< 0.5	< 2	1.60	153	139	11.8	< 10	2
883870	4	9	8	0.6	< 0.5	142	230	< 1	52	8	25	2.41	< 2	< 10	99	< 0.5	< 2	2.62	18	44	2.72	< 10	< 1
883871	14	27	18	0.6	< 0.5	437	263	< 1	85	3	35	2.58	< 2	< 10	176	< 0.5	< 2	2.45	21	46	3.46	< 10	< 1
883872	2	< 5	< 5	0.3	< 0.5	121	253	< 1	53	< 2	28	2.45	< 2	< 10	143	< 0.5	< 2	2.53	18	46	2.92	< 10	< 1
883873	< 2	12	< 5	0.2	< 0.5	93	221	< 1	52	2	27	1.98	< 2	< 10	100	< 0.5	< 2	2.18	18	44	2.74	< 10	< 1
883874	< 2	< 5	< 5	< 0.2	0.6	10	1960	< 1	35	< 2	65	4.63	6	42	316	1.2	< 2	6.41	13	47	3.67	10	2
883875	< 2	6	< 5	< 0.2	< 0.5	66	258	< 1	51	< 2	28	2.37	< 2	< 10	108	< 0.5	< 2	2.46	20	40	2.83	< 10	< 1
883876	5	29	18	0.4	< 0.5	214	232	< 1	68	3	26	2.11	< 2	< 10	103	< 0.5	< 2	2.15	20	38	2.78	< 10	< 1
883877	4	10	< 5	0.2	< 0.5	140	247	< 1	48	3	27	2.23	< 2	< 10	91	< 0.5	< 2	2.42	21	39	2.79	< 10	< 1
883878	14	34	20	0.5	< 0.5	377	223	< 1	78	3	30	1.96	< 2	< 10	154	< 0.5	< 2	1.86	23	41	3.16	< 10	< 1
883879	63	555	293	2.0	< 0.5	4380	769	4	4510	14	80	3.07	2	< 10	17	< 0.5	< 2	1.81	92	94	12.4	< 10	2
883880	8	23	15	0.3	< 0.5	253	226	< 1	68	< 2	28	2.08	< 2	< 10	143	< 0.5	< 2	1.97	22	38	3.19	< 10	< 1
883881	5	12	< 5	< 0.2	< 0.5	186	228	< 1	57	< 2	26	2.07	< 2	< 10	123	< 0.5	< 2	2.06	19	37	3.21	< 10	< 1
883882	2	5	14	< 0.2	< 0.5	88	239	< 1	50	< 2	25	2.23	< 2	< 10	123	< 0.5	< 2	2.28	18	32	2.92	< 10	< 1
883883	2	6	< 5	< 0.2	< 0.5	85	265	< 1	58	< 2	29	2.28	< 2	< 10	134	< 0.5	< 2	2.37	23	35	3.17	< 10	< 1
883884	< 2	< 5	9	0.2	< 0.5	83	260	< 1	57	< 2	28	2.26	< 2	< 10	132	< 0.5	< 2	2.34	22	34	3.17	< 10	< 1
883885	3	8	< 5	0.2	< 0.5	106	257	< 1	60	3	27	2.31	< 2	< 10	135	< 0.5	< 2	2.41	20	33	3.08	< 10	< 1
883886	3	29	11	0.2	< 0.5	98	232	< 1	75	< 2	25	2.04	< 2	< 10	131	< 0.5	< 2	2.11	25	35	3.10	< 10	< 1
883887	< 2	5	< 5	0.2	< 0.5	70	232	< 1	62	3	24	2.09	< 2	< 10	143	< 0.5	< 2	2.13	21	35	3.08	< 10	< 1
883888	< 2	11	< 5	< 0.2	< 0.5	74	233	< 1	68	< 2	24	1.87	< 2	< 10	153	< 0.5	< 2	1.76	24	35	3.45	< 10	< 1
883889	142	1280	659	4.5	0.6	6440	649	3	9730	30	98	2.74	< 2	< 10	< 10	< 0.5	< 2	1.62	149	139	12.0	< 10	1
883890	< 2	11	< 5	0.2	< 0.5	102	229	< 1	66	< 2	23	2.10	< 2	< 10	122	< 0.5	< 2	2.21	24	25	3.40	< 10	< 1
883891	< 2	6	< 5	0.5	< 0.5	118	234	< 1	67	< 2	26	2.09	< 2	< 10	118	< 0.5	< 2	2.24	28	22	3.47	< 10	< 1

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883892	< 2	< 5	7	0.5	< 0.5	125	243	< 1	66	< 2	25	2.05	< 2	< 10	111	< 0.5	< 2	2.26	29	23	3.64	< 10	< 1
883893	< 2	< 5	< 5	0.2	< 0.5	92	254	< 1	65	< 2	28	2.16	< 2	< 10	108	< 0.5	< 2	2.28	25	24	3.83	< 10	< 1
883894	< 2	< 5	< 5	< 0.2	< 0.5	10	1940	1	32	< 2	65	4.50	7	39	324	1.2	< 2	5.24	10	45	3.60	10	1
883895	< 2	< 5	< 5	0.2	< 0.5	129	251	< 1	63	< 2	31	2.05	< 2	< 10	104	< 0.5	< 2	2.20	24	24	3.88	< 10	< 1
883896	< 2	< 5	< 5	0.3	< 0.5	118	240	< 1	57	< 2	28	2.14	< 2	< 10	92	< 0.5	< 2	2.54	22	23	3.67	< 10	< 1
883897	68	167	95	1.3	0.7	1790	267	< 1	332	22	39	2.94	< 2	17	63	< 0.5	< 2	2.59	45	9	4.91	< 10	2
883898	151	361	200	3.0	< 0.5	3370	200	< 1	695	20	39	2.52	< 2	< 10	24	< 0.5	2	2.31	67	9	4.80	< 10	1
883899	71	622	321	2.0	< 0.5	4220	751	3	4450	9	81	3.00	3	< 10	20	< 0.5	< 2	1.82	94	93	11.8	< 10	2
883900	102	214	118	2.2	< 0.5	2450	298	< 1	485	9	48	2.52	< 2	< 10	32	< 0.5	< 2	1.99	69	29	6.74	< 10	< 1
883901	170	353	199	3.3	< 0.5	3880	304	< 1	536	13	55	2.46	< 2	< 10	24	< 0.5	< 2	1.96	74	29	7.33	< 10	2
883902	113	249	130	3.1	< 0.5	2890	212	< 1	542	10	45	2.18	< 2	< 10	35	< 0.5	< 2	2.01	51	26	5.28	< 10	2
883903	100	259	152	2.5	< 0.5	2990	235	< 1	570	22	45	2.96	< 2	< 10	41	< 0.5	< 2	3.12	45	16	4.10	< 10	< 1
883904	106	264	145	2.6	< 0.5	3040	236	< 1	568	20	46	3.01	< 2	< 10	46	< 0.5	< 2	3.14	45	17	4.12	< 10	< 1
883905	162	389	215	4.0	< 0.5	4720	278	< 1	904	22	64	2.59	< 2	< 10	23	< 0.5	< 2	2.24	64	33	5.40	< 10	< 1
883906	153	432	251	3.8	< 0.5	4500	255	< 1	793	22	58	2.69	3	< 10	27	< 0.5	< 2	2.42	62	35	4.40	< 10	< 1
883907	188	424	244	3.9	< 0.5	4570	262	< 1	810	9	37	2.64	< 2	< 10	25	< 0.5	< 2	2.46	55	39	4.47	< 10	3
883908	149	346	189	2.8	< 0.5	3610	259	< 1	638	7	33	2.72	< 2	< 10	28	< 0.5	< 2	2.59	47	38	4.23	< 10	< 1
883909	152	1280	627	3.9	0.6	6430	649	3	9850	30	98	2.73	< 2	< 10	10	< 0.5	< 2	1.58	149	138	12.0	< 10	< 1
883910	110	247	127	2.8	< 0.5	2740	336	< 1	488	12	54	2.69	< 2	< 10	36	< 0.5	< 2	2.52	44	39	4.28	< 10	< 1
883911	121	251	127	2.9	< 0.5	2680	257	< 1	437	14	35	2.68	< 2	< 10	41	< 0.5	< 2	2.62	42	46	3.49	< 10	< 1
883912	182	416	225	3.6	< 0.5	3380	239	< 1	557	12	41	2.64	< 2	< 10	28	< 0.5	< 2	2.47	47	46	3.79	< 10	< 1
883913	335	783	459	5.5	< 0.5	5780	259	< 1	946	23	51	2.71	< 2	< 10	25	< 0.5	< 2	2.39	70	53	4.51	< 10	< 1
883914	4	< 5	< 5	0.2	< 0.5	32	2480	< 1	37	< 2	128	4.44	5	38	279	1.1	< 2	6.48	11	46	3.63	10	< 1
883915	317	852	446	5.4	< 0.5	5970	255	< 1	1010	21	54	2.64	< 2	< 10	23	< 0.5	< 2	2.24	77	47	4.54	< 10	< 1
883916	273	673	364	4.9	< 0.5	5370	232	< 1	816	16	51	2.84	< 2	< 10	25	< 0.5	< 2	2.48	59	41	4.21	< 10	< 1
883917	305	737	378	5.6	< 0.5	5910	228	< 1	841	22	53	2.70	< 2	< 10	21	< 0.5	< 2	2.51	68	37	4.14	< 10	< 1
883918	397	976	503	6.9	< 0.5	7640	250	< 1	1080	26	58	2.65	< 2	< 10	24	< 0.5	< 2	2.29	81	35	4.64	< 10	2
883919	52	559	283	2.2	< 0.5	4310	775	4	4560	11	84	2.99	5	< 10	16	< 0.5	< 2	1.78	94	95	12.2	< 10	4
883920	223	530	307	4.6	< 0.5	4810	276	< 1	655	22	50	2.93	< 2	< 10	31	< 0.5	< 2	2.80	53	26	4.15	< 10	< 1
883921	152	355	206	3.1	< 0.5	3340	276	< 1	486	18	36	2.78	< 2	< 10	32	< 0.5	< 2	2.85	44	26	3.67	< 10	< 1
883922	188	472	273	3.6	< 0.5	4150	304	< 1	655	29	66	2.87	< 2	< 10	21	< 0.5	< 2	2.43	59	42	4.57	< 10	2
883923	214	588	339	4.0	< 0.5	4920	292	< 1	777	28	71	2.63	< 2	< 10	21	< 0.5	< 2	2.11	64	38	4.66	< 10	1
883924	195	550	305	4.3	< 0.5	4860	287	< 1	767	29	71	2.62	< 2	< 10	22	< 0.5	< 2	2.16	66	38	4.52	< 10	< 1
883925	309	780	451	5.8	< 0.5	6810	269	< 1	1100	37	86	2.76	< 2	< 10	25	< 0.5	< 2	2.34	84	43	4.91	< 10	< 1
883926	292	724	424	5.0	< 0.5	5950	263	< 1	865	34	63	2.59	< 2	< 10	21	< 0.5	< 2	2.29	68	43	4.50	< 10	< 1
883927	189	500	289	3.6	< 0.5	4500	266	< 1	701	26	47	2.71	< 2	< 10	23	< 0.5	< 2	2.43	59	48	4.08	< 10	< 1

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883808	0.51	10	0.81	0.415	0.039	0.07	< 2	4	237	0.17	< 20	1	< 2	< 10	169	< 10	3	5
883809	0.18	< 10	2.75	0.413	0.045	2.86	3	3	73	0.18	< 20	3	< 2	< 10	58	< 10	5	8
883810	0.52	10	0.82	0.476	0.034	0.07	11	4	261	0.17	< 20	6	< 2	< 10	172	< 10	3	5
883811	0.46	< 10	0.78	0.448	0.037	0.07	< 2	4	258	0.18	< 20	< 1	< 2	< 10	179	< 10	3	5
883812	0.31	10	0.59	0.378	0.045	0.06	< 2	3	239	0.16	< 20	4	< 2	< 10	166	< 10	2	5
883813	0.31	< 10	0.60	0.383	0.037	0.07	< 2	3	242	0.16	< 20	< 1	< 2	< 10	175	< 10	2	5
883814	1.01	22	1.47	0.295	0.043	0.05	< 2	8	250	0.15	< 20	< 1	< 2	< 10	37	< 10	12	6
883815	0.32	11	0.67	0.309	0.044	0.12	< 2	3	251	0.17	< 20	< 1	2	< 10	194	< 10	3	4
883816	0.32	12	0.78	0.286	0.047	0.11	< 2	3	254	0.17	< 20	< 1	< 2	< 10	161	< 10	3	4
883817	0.43	14	0.93	0.434	0.057	0.09	< 2	4	287	0.16	< 20	< 1	< 2	< 10	150	< 10	4	6
883818	0.27	12	0.62	0.385	0.052	0.09	< 2	3	260	0.14	< 20	< 1	< 2	< 10	149	< 10	3	5
883819	0.20	< 10	2.70	0.513	0.048	1.50	4	3	84	0.19	< 20	3	< 2	< 10	54	< 10	6	8
883820	0.26	20	0.52	0.337	0.106	0.13	< 2	3	204	0.14	< 20	< 1	< 2	< 10	153	< 10	6	5
883821	0.23	< 10	1.45	0.369	0.045	0.25	< 2	7	203	0.21	< 20	< 1	< 2	< 10	426	< 10	4	7
883822	0.26	< 10	0.89	0.322	0.039	0.34	< 2	3	235	0.18	< 20	< 1	< 2	< 10	260	< 10	3	5
883823	0.28	15	0.99	0.297	0.104	0.41	< 2	4	214	0.16	< 20	1	< 2	< 10	235	< 10	5	6
883824	0.29	15	1.00	0.292	0.105	0.41	< 2	4	220	0.16	< 20	2	< 2	< 10	241	< 10	5	6
883825	0.27	12	1.02	0.303	0.055	0.31	< 2	4	214	0.15	< 20	3	< 2	< 10	181	< 10	4	5
883826	0.22	< 10	0.79	0.354	0.041	0.56	< 2	3	244	0.16	< 20	< 1	2	< 10	255	< 10	3	4
883827	0.21	< 10	0.66	0.403	0.035	0.82	< 2	3	258	0.17	< 20	3	< 2	< 10	292	< 10	2	5
883828	0.22	< 10	0.66	0.420	0.033	0.95	2	3	267	0.18	< 20	2	< 2	< 10	310	< 10	2	5
883829	0.18	< 10	2.73	0.420	0.045	2.85	6	3	75	0.18	< 20	2	< 2	< 10	59	< 10	5	8
883830	0.23	< 10	0.71	0.428	0.024	0.31	< 2	4	258	0.19	< 20	5	< 2	< 10	311	< 10	2	5
883831	0.26	< 10	1.06	0.317	0.024	0.37	3	6	169	0.27	< 20	4	< 2	< 10	591	< 10	3	7
883832	0.26	< 10	1.38	0.284	0.027	0.24	< 2	7	142	0.29	< 20	7	< 2	< 10	786	< 10	3	8
883833	0.30	< 10	1.13	0.278	0.023	0.88	2	4	199	0.18	< 20	2	< 2	< 10	339	< 10	2	5
883834	0.99	23	1.66	0.292	0.042	0.06	2	8	221	0.15	< 20	6	< 2	< 10	37	< 10	12	4
883835	0.18	26	0.99	0.127	0.064	1.27	< 2	3	339	0.17	< 20	2	< 2	< 10	193	< 10	3	11
883836	0.21	24	0.88	0.128	0.058	1.92	< 2	3	308	0.21	< 20	2	< 2	< 10	187	< 10	4	13
883837	0.29	< 10	0.96	0.339	0.029	1.52	< 2	4	218	0.14	< 20	2	< 2	< 10	231	< 10	2	5
883838	0.29	< 10	0.97	0.466	0.026	0.96	2	4	288	0.15	< 20	< 1	< 2	< 10	216	< 10	2	5
883839	0.20	< 10	2.80	0.521	0.050	1.51	5	3	87	0.21	< 20	2	< 2	< 10	56	< 10	6	9
883840	0.29	< 10	0.90	0.447	0.027	0.70	< 2	4	280	0.13	< 20	< 1	< 2	< 10	177	< 10	2	5
883841	0.16	< 10	1.50	0.160	0.027	0.78	< 2	3	150	0.15	< 20	4	< 2	< 10	157	< 10	2	6
883842	0.28	< 10	0.91	0.250	0.028	1.12	< 2	3	202	0.14	< 20	1	< 2	< 10	168	< 10	2	5
883843	0.26	< 10	0.96	0.230	0.029	1.08	< 2	4	228	0.16	< 20	4	< 2	< 10	167	< 10	3	5
883844	0.26	< 10	0.97	0.228	0.029	1.07	< 2	4	225	0.16	< 20	< 1	< 2	< 10	167	< 10	3	5
883845	0.21	< 10	1.22	0.199	0.025	1.03	< 2	4	214	0.15	< 20	3	< 2	< 10	169	< 10	3	6
883846	0.24	< 10	1.04	0.258	0.027	0.35	< 2	3	230	0.15	< 20	1	< 2	< 10	184	< 10	2	5
883847	0.32	< 10	0.82	0.347	0.019	0.48	< 2	3	240	0.14	< 20	2	< 2	< 10	145	< 10	2	5
883848	0.20	< 10	0.93	0.243	0.028	0.25	< 2	4	190	0.19	< 20	< 1	2	< 10	138	< 10	4	6
883849	0.19	< 10	2.80	0.427	0.047	2.93	3	3	77	0.19	< 20	1	< 2	< 10	61	< 10	5	8

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883850	0.27	< 10	0.95	0.313	0.035	0.22	< 2	4	242	0.15	< 20	< 1	< 2	< 10	148	< 10	3	4
883851	0.47	11	1.30	0.404	0.046	0.14	< 2	4	254	0.18	< 20	3	< 2	< 10	136	< 10	3	5
883852	0.23	< 10	0.90	0.191	0.037	0.61	< 2	3	157	0.15	< 20	< 1	< 2	< 10	124	< 10	3	4
883853	0.25	11	0.85	0.192	0.032	0.43	< 2	3	180	0.15	< 20	3	< 2	< 10	100	< 10	2	4
883854	1.11	23	1.65	0.323	0.047	0.05	< 2	8	276	0.16	< 20	< 1	< 2	< 10	40	< 10	12	3
883855	0.21	11	1.01	0.139	0.032	0.35	< 2	3	185	0.18	< 20	2	< 2	< 10	99	< 10	3	4
883856	0.32	< 10	1.03	0.230	0.028	0.10	< 2	4	176	0.18	< 20	2	< 2	< 10	122	< 10	3	4
883857	0.20	10	1.05	0.161	0.038	0.41	< 2	3	200	0.16	< 20	< 1	< 2	< 10	140	< 10	3	4
883858	0.23	10	1.14	0.220	0.032	0.14	< 2	3	227	0.16	< 20	< 1	< 2	< 10	118	< 10	2	3
883859	0.21	< 10	2.78	0.531	0.050	1.53	6	3	88	0.22	< 20	< 1	6	< 10	56	< 10	6	8
883860	0.29	< 10	1.09	0.227	0.031	1.10	< 2	4	204	0.15	< 20	< 1	< 2	< 10	175	< 10	3	5
883861	0.21	< 10	1.22	0.182	0.032	0.80	< 2	3	227	0.13	< 20	< 1	< 2	< 10	150	< 10	2	5
883862	0.35	< 10	0.82	0.324	0.037	0.99	< 2	3	229	0.14	< 20	< 1	< 2	< 10	202	< 10	2	5
883863	0.24	< 10	0.76	0.200	0.035	1.21	< 2	2	194	0.11	< 20	1	< 2	< 10	139	< 10	2	4
883864	0.25	< 10	0.77	0.205	0.035	1.20	< 2	2	196	0.11	< 20	< 1	< 2	< 10	139	< 10	2	4
883865	0.22	< 10	1.24	0.184	0.037	0.27	< 2	3	257	0.13	< 20	< 1	< 2	< 10	127	< 10	3	4
883866	0.28	11	0.91	0.268	0.039	0.07	< 2	3	257	0.15	< 20	< 1	< 2	< 10	118	< 10	3	4
883867	0.28	12	0.85	0.268	0.040	0.12	< 2	3	250	0.16	< 20	< 1	< 2	< 10	109	< 10	3	4
883868	0.21	15	0.91	0.135	0.053	0.14	< 2	3	270	0.17	< 20	< 1	< 2	< 10	96	< 10	4	5
883869	0.19	< 10	2.78	0.417	0.046	2.92	4	3	76	0.18	< 20	2	< 2	< 10	60	< 10	5	8
883870	0.17	12	0.82	0.149	0.042	0.10	< 2	3	277	0.16	< 20	3	< 2	< 10	97	< 10	3	4
883871	0.30	14	1.08	0.216	0.058	0.14	< 2	3	290	0.18	< 20	3	< 2	< 10	125	< 10	4	4
883872	0.26	12	0.89	0.200	0.038	0.06	< 2	3	278	0.17	< 20	2	< 2	< 10	112	< 10	3	4
883873	0.14	12	0.83	0.140	0.045	0.08	< 2	2	219	0.16	< 20	4	< 2	< 10	109	< 10	3	5
883874	1.00	21	1.96	0.298	0.043	0.05	13	8	251	0.14	< 20	< 1	< 2	< 10	37	< 10	12	3
883875	0.18	12	1.00	0.153	0.042	0.08	< 2	3	266	0.18	< 20	4	< 2	< 10	106	< 10	3	5
883876	0.17	13	0.87	0.166	0.043	0.17	< 2	3	245	0.17	< 20	< 1	< 2	< 10	104	< 10	3	5
883877	0.18	13	0.91	0.142	0.044	0.16	< 2	3	264	0.17	< 20	< 1	< 2	< 10	106	< 10	4	4
883878	0.30	12	0.86	0.240	0.040	0.14	< 2	3	205	0.17	< 20	2	< 2	< 10	125	< 10	4	5
883879	0.20	< 10	2.76	0.522	0.049	1.51	3	3	85	0.20	< 20	< 1	< 2	< 10	54	< 10	6	8
883880	0.29	12	0.88	0.228	0.040	0.10	< 2	3	227	0.17	< 20	4	< 2	< 10	123	< 10	3	6
883881	0.22	12	0.87	0.206	0.038	0.08	< 2	3	253	0.19	< 20	2	< 2	< 10	127	< 10	4	5
883882	0.20	12	0.91	0.173	0.034	0.06	< 2	3	275	0.18	< 20	< 1	< 2	< 10	114	< 10	4	5
883883	0.24	12	1.09	0.195	0.039	0.09	< 2	4	257	0.19	< 20	1	< 2	< 10	124	< 10	4	5
883884	0.23	13	1.07	0.190	0.039	0.09	< 2	4	256	0.19	< 20	4	< 2	< 10	125	< 10	4	5
883885	0.21	13	1.03	0.174	0.040	0.07	< 2	3	281	0.19	< 20	1	< 2	< 10	125	< 10	4	5
883886	0.22	13	0.92	0.193	0.032	0.12	< 2	3	237	0.20	< 20	< 1	< 2	< 10	128	< 10	4	6
883887	0.26	12	0.92	0.213	0.030	0.10	< 2	3	238	0.20	< 20	3	< 2	< 10	127	< 10	4	6
883888	0.43	13	0.84	0.275	0.030	0.12	< 2	4	171	0.20	< 20	3	< 2	< 10	155	< 10	4	7
883889	0.19	< 10	2.79	0.435	0.046	2.91	4	3	77	0.19	< 20	1	< 2	< 10	60	< 10	5	8
883890	0.24	13	0.77	0.202	0.028	0.15	< 2	3	242	0.22	< 20	3	< 2	< 10	159	< 10	4	7
883891	0.20	13	0.79	0.166	0.027	0.18	< 2	3	235	0.22	< 20	1	3	< 10	168	< 10	4	6

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883892	0.22	13	0.81	0.155	0.022	0.23	< 2	3	251	0.22	< 20	2	< 2	< 10	178	< 10	3	6
883893	0.19	12	0.85	0.162	0.033	0.13	< 2	3	268	0.22	< 20	< 1	< 2	< 10	194	< 10	4	6
883894	0.96	22	1.39	0.286	0.042	0.04	< 2	8	222	0.14	< 20	< 1	< 2	< 10	37	< 10	11	3
883895	0.18	11	0.83	0.142	0.040	0.09	< 2	3	223	0.18	< 20	< 1	< 2	< 10	197	< 10	4	6
883896	0.19	12	0.78	0.122	0.045	0.09	< 2	3	315	0.19	< 20	< 1	< 2	< 10	184	< 10	4	6
883897	0.33	13	0.84	0.172	0.053	0.55	< 2	3	275	0.18	< 20	2	< 2	< 10	235	< 10	3	4
883898	0.36	11	0.69	0.222	0.045	1.18	< 2	3	215	0.13	< 20	1	< 2	< 10	168	< 10	3	5
883899	0.20	< 10	2.65	0.508	0.047	1.49	5	3	85	0.20	< 20	1	< 2	< 10	53	< 10	6	8
883900	0.37	< 10	1.03	0.305	0.029	0.91	< 2	5	225	0.22	< 20	3	< 2	< 10	319	< 10	3	8
883901	0.34	< 10	0.94	0.285	0.026	1.17	< 2	5	237	0.24	< 20	< 1	2	< 10	360	< 10	3	7
883902	0.27	< 10	0.71	0.269	0.044	0.73	< 2	4	200	0.16	< 20	< 1	< 2	< 10	263	< 10	3	5
883903	0.16	< 10	0.86	0.112	0.041	0.72	< 2	3	258	0.13	< 20	< 1	< 2	< 10	154	< 10	2	5
883904	0.16	< 10	0.86	0.113	0.042	0.72	< 2	3	259	0.13	< 20	< 1	< 2	< 10	155	< 10	2	5
883905	0.17	< 10	0.98	0.116	0.034	1.11	< 2	3	274	0.17	< 20	< 1	< 2	< 10	221	< 10	3	6
883906	0.14	< 10	0.96	0.087	0.034	1.00	< 2	3	294	0.16	< 20	4	< 2	< 10	138	< 10	3	5
883907	0.19	< 10	0.93	0.124	0.037	0.97	2	3	266	0.17	< 20	3	< 2	< 10	156	< 10	3	5
883908	0.18	< 10	0.96	0.126	0.039	0.83	< 2	3	264	0.18	< 20	< 1	< 2	< 10	150	< 10	3	5
883909	0.19	< 10	2.79	0.423	0.045	2.95	6	3	76	0.18	< 20	< 1	< 2	< 10	60	< 10	5	8
883910	0.22	< 10	0.94	0.199	0.042	0.66	< 2	3	242	0.26	< 20	3	< 2	< 10	132	< 10	4	11
883911	0.19	< 10	0.89	0.162	0.049	0.59	< 2	2	250	0.14	< 20	1	< 2	< 10	110	< 10	3	5
883912	0.23	< 10	0.83	0.212	0.045	0.76	< 2	2	251	0.12	< 20	3	2	< 10	108	< 10	2	4
883913	0.23	< 10	0.88	0.171	0.053	1.35	< 2	2	261	0.12	< 20	3	< 2	< 10	105	< 10	3	5
883914	0.96	21	2.33	0.272	0.059	0.05	< 2	8	215	0.14	< 20	3	< 2	< 10	33	< 10	11	10
883915	0.19	< 10	0.95	0.127	0.043	1.53	< 2	2	231	0.13	< 20	1	< 2	< 10	86	< 10	2	5
883916	0.25	< 10	0.79	0.164	0.052	1.23	< 2	2	287	0.13	< 20	5	< 2	< 10	98	< 10	2	4
883917	0.16	< 10	0.82	0.092	0.047	1.30	< 2	2	264	0.13	< 20	4	< 2	< 10	87	< 10	2	5
883918	0.17	< 10	0.93	0.090	0.051	1.68	< 2	2	254	0.13	< 20	2	< 2	< 10	86	< 10	2	5
883919	0.19	< 10	2.71	0.496	0.074	1.51	4	3	81	0.19	< 20	2	< 2	< 10	54	< 10	6	8
883920	0.24	13	0.94	0.093	0.104	1.02	< 2	2	275	0.16	< 20	3	< 2	< 10	91	< 10	4	4
883921	0.17	16	0.83	0.090	0.114	0.75	< 2	2	330	0.14	< 20	< 1	< 2	< 10	88	< 10	4	4
883922	0.21	17	1.30	0.087	0.078	1.07	< 2	3	301	0.17	< 20	6	4	< 10	146	< 10	3	8
883923	0.18	13	1.21	0.079	0.071	1.20	< 2	3	263	0.15	< 20	4	< 2	< 10	122	< 10	4	6
883924	0.18	14	1.18	0.080	0.065	1.20	< 2	3	272	0.15	< 20	2	< 2	< 10	118	< 10	3	6
883925	0.24	< 10	0.95	0.101	0.054	1.65	< 2	2	254	0.14	< 20	1	< 2	< 10	102	< 10	3	5
883926	0.18	10	0.94	0.082	0.060	1.31	< 2	2	258	0.14	< 20	4	< 2	< 10	94	< 10	3	6
883927	0.17	11	0.95	0.087	0.057	1.09	3	2	291	0.14	< 20	2	< 2	< 10	92	< 10	3	5

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
PK2 Meas	4640	5780	4710																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4840	5890	4750																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4520	5640	4410																				
PK2 Cert	4785	5918	4749																				
OREAS 904 (Aqua Regia) Meas				0.4	< 0.5	5730	450	2	40	10	26	1.92	89		76	7.3	< 2	0.04	89	25	6.19	< 10	
OREAS 904 (Aqua Regia) Cert				0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40	
OREAS 904 (Aqua Regia) Meas				0.3	< 0.5	6260	469	2	42	10	26	1.95	93		78	7.5	< 2	0.04	91	26	6.65	< 10	
OREAS 904 (Aqua Regia) Cert				0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40	
OREAS 922 (AQUA REGIA) Meas				1.0	< 0.5	2190	826	< 1	40	60	283	2.94	7		76	0.8	10	0.41	17	48	5.33	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 922 (AQUA REGIA) Meas				0.8	< 0.5	2210	816	< 1	39	56	279	2.95	5		64	0.7	7	0.40	16	45	5.46	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 923 (AQUA REGIA) Meas				1.8	< 0.5	4520	911	< 1	37	82	368	2.94	6		45	0.7	18	0.41	19	43	6.14	< 10	
OREAS 923 (AQUA REGIA) Cert				1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01	
OREAS 923 (AQUA REGIA) Meas				1.6	< 0.5	4360	911	< 1	39	80	359	2.96	5		37	0.7	13	0.41	20	43	6.29	< 10	
OREAS 923 (AQUA REGIA) Cert				1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01	
OREAS 520 (Aqua Regia) Meas						2710	2050	52	78	< 2	21	1.47	135			0.6	< 2	3.34	169	34	15.5	10	
OREAS 520 (Aqua Regia) Cert						2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7	
OREAS 520 (Aqua Regia) Meas						2890	2070	53	80	< 2	22	1.54	131			0.6	2	3.45	168	35	16.6	10	

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 520 (Aqua Regia) Cert						2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7	
CDN-PGMS-27 Meas	4450	1960	1250																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4680	1940	1280																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4860	1980	1270																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4420	1990	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4810	1980	1260																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-GS-3M Meas	3000																						
CDN-GS-3M Cert	3100																						
CDN-GS-3M Meas	2870																						
CDN-GS-3M Cert	3100																						
CDN-GS-3M Meas	3140																						
CDN-GS-3M Cert	3100																						
Oreas 621 (Aqua Regia) Meas				68.3	288	3490	564	14	29	> 5000	> 10000	1.82	75			0.6	4	1.65	29	32	3.42	10	4
Oreas 621 (Aqua Regia) Cert				68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93
Oreas 621 (Aqua Regia) Meas				64.2	282	3320	556	12	28	> 5000	> 10000	1.73	72			0.6	6	1.66	29	32	3.35	10	3
Oreas 621 (Aqua Regia) Cert				68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93
883816 Orig				0.2	< 0.5	117	258	2	47	< 2	32	2.26	< 2	< 10	166	< 0.5	< 2	2.23	22	27	3.46	< 10	< 1
883816 Dup				0.2	< 0.5	119	255	2	48	< 2	32	2.29	< 2	< 10	168	< 0.5	< 2	2.24	20	27	3.48	< 10	< 1
883818 Orig	< 2	< 5	8																				
883818 Dup	2	< 5	< 5																				
883828 Orig	178	367	185																				
883828 Dup	162	362	177																				
883831 Orig				1.5	< 0.5	1560	287	< 1	349	14	42	1.65	< 2	< 10	94	< 0.5	< 2	1.59	55	87	8.71	< 10	3

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883831 Dup				1.5	< 0.5	1560	285	< 1	340	3	44	1.63	< 2	< 10	94	< 0.5	< 2	1.57	54	85	8.63	< 10	2
883840 Orig	211	494	310	3.2	< 0.5	3350	226	< 1	545	8	40	2.45	< 2	< 10	41	< 0.5	2	1.85	50	54	4.47	< 10	2
883840 Dup	226	523	318	3.3	< 0.5	3330	231	< 1	545	8	40	2.47	< 2	< 10	38	< 0.5	3	1.86	51	54	4.47	< 10	3
883852 Orig	14	101	49																				
883852 Dup	14	110	51																				
883857 Orig	85	188	121	1.1	< 0.5	1530	262	< 1	217	34	66	2.57	< 2	< 10	82	< 0.5	< 2	2.52	33	32	3.55	< 10	< 1
883857 Split PREP DUP	70	178	102	1.2	< 0.5	1460	266	< 1	220	34	63	2.64	< 2	< 10	88	< 0.5	< 2	2.57	33	33	3.59	< 10	< 1
883858 Orig				0.3	< 0.5	331	238	< 1	82	< 2	29	2.72	< 2	< 10	131	< 0.5	< 2	2.69	19	23	2.76	< 10	< 1
883858 Dup				0.3	< 0.5	353	244	< 1	86	4	30	2.78	< 2	< 10	133	< 0.5	< 2	2.74	19	24	2.85	< 10	< 1
883861 Orig	157	364	199																				
883861 Dup	159	349	196																				
883871 Orig	16	30	21																				
883871 Dup	12	24	16																				
883878 Orig	15	33	20	0.5	< 0.5	377	224	< 1	77	3	30	1.96	< 2	< 10	153	< 0.5	< 2	1.85	22	40	3.15	< 10	< 1
883878 Dup	12	34	19	0.5	< 0.5	378	223	< 1	79	3	31	1.96	< 2	< 10	156	< 0.5	< 2	1.86	23	41	3.17	< 10	< 1
883890 Orig	2	9	< 5																				
883890 Dup	< 2	12	12																				
883893 Orig				0.2	< 0.5	91	256	< 1	66	< 2	28	2.17	< 2	< 10	110	< 0.5	< 2	2.28	25	24	3.86	< 10	< 1
883893 Dup				0.2	< 0.5	93	252	< 1	65	< 2	28	2.15	< 2	< 10	107	< 0.5	< 2	2.27	24	25	3.81	< 10	< 1
883900 Orig	103	213	116																				
883900 Dup	102	216	120																				
883902 Orig				3.1	< 0.5	2900	211	< 1	548	10	44	2.16	< 2	< 10	35	< 0.5	< 2	2.00	51	26	5.23	< 10	2
883902 Dup				3.0	< 0.5	2880	213	< 1	537	10	46	2.20	< 2	< 10	34	< 0.5	< 2	2.03	52	26	5.32	< 10	1
883907 Orig	188	424	244	3.9	< 0.5	4570	262	< 1	810	9	37	2.64	< 2	< 10	25	< 0.5	< 2	2.46	55	39	4.47	< 10	3
883907 Split PREP DUP	170	391	213	3.8	< 0.5	4600	257	< 1	817	10	37	2.60	< 2	< 10	24	< 0.5	< 2	2.40	57	39	4.42	< 10	1
883910 Orig	98	228	120																				
883910 Dup	122	267	133																				
883921 Orig				3.2	< 0.5	3320	275	< 1	488	14	36	2.76	< 2	< 10	32	< 0.5	< 2	2.83	45	26	3.69	< 10	< 1
883921 Dup				3.0	< 0.5	3360	277	< 1	483	22	36	2.80	< 2	< 10	32	< 0.5	< 2	2.87	44	26	3.66	< 10	< 1
883923 Orig	218	610	352																				
883923 Dup	210	567	327																				
Method Blank	< 2	< 5	8																				
Method Blank	< 2	< 5	8																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
PK2 Meas																		
PK2 Cert																		
PK2 Meas																		
PK2 Cert																		
PK2 Meas																		
PK2 Cert																		
OREAS 904 (Aqua Regia) Meas	0.94	38	0.21		0.109	0.04	3	5	19		< 20		< 2	< 10	35		20	
OREAS 904 (Aqua Regia) Cert	0.603	33.9	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas	0.99	40	0.21		0.079	0.04	2	5	20		< 20		< 2	< 10	35		21	
OREAS 904 (Aqua Regia) Cert	0.603	33.9	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 922 (AQUA REGIA) Meas	0.51	37	1.40	0.034	0.073	0.36	2	4	16		< 20		< 2	< 10	38	< 10	23	20
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.51	37	1.41	0.034	0.050	0.36	3	4	17		< 20		< 2	< 10	37	< 10	22	14
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	0.43	34	1.48		0.070	0.69	3	4	14		< 20		< 2	< 10	38	< 10	21	22
OREAS 923 (AQUA REGIA) Cert	0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	0.43	34	1.51		0.049	0.65	< 2	4	15		< 20		< 2	< 10	37	< 10	21	25
OREAS 923 (AQUA REGIA) Cert	0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 520 (Aqua Regia) Meas	0.48	64	1.10	0.061	0.080	0.79	8	11	27	0.14	< 20	< 1	< 2	10	236	25	13	37
OREAS 520 (Aqua Regia) Cert	0.506	83.0	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
OREAS 520 (Aqua Regia) Meas	0.53	64	1.16	0.068	0.057	0.84	6	11	27	0.14	< 20	3	< 2	11	242	22	13	32

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 520 (Aqua Regia) Cert	0.506	83.0	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
CDN-PGMS-27 Meas																		
CDN-PGMS-27 Cert																		
CDN-PGMS-27 Meas																		
CDN-PGMS-27 Cert																		
CDN-PGMS-27 Meas																		
CDN-PGMS-27 Cert																		
CDN-PGMS-27 Meas																		
CDN-PGMS-27 Cert																		
CDN-PGMS-27 Meas																		
CDN-PGMS-27 Cert																		
CDN-GS-3M Meas																		
CDN-GS-3M Cert																		
CDN-GS-3M Meas																		
CDN-GS-3M Cert																		
CDN-GS-3M Meas																		
CDN-GS-3M Cert																		
Oreas 621 (Aqua Regia) Meas	0.40	19	0.44	0.183	0.038	4.50	107	3	18		< 20		< 2	< 10	14	< 10	9	56
Oreas 621 (Aqua Regia) Cert	0.333	19.4	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.39	17	0.44	0.181	0.022	4.11	68	2	16		< 20		< 2	< 10	13	< 10	8	10
Oreas 621 (Aqua Regia) Cert	0.333	19.4	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
883816 Orig	0.32	12	0.79	0.285	0.047	0.11	< 2	3	252	0.17	< 20	5	< 2	< 10	160	< 10	3	4
883816 Dup	0.32	12	0.78	0.286	0.047	0.11	< 2	3	257	0.17	< 20	< 1	< 2	< 10	162	< 10	3	4
883818 Orig																		
883818 Dup																		
883828 Orig																		
883828 Dup																		
883831 Orig	0.26	< 10	1.07	0.318	0.024	0.37	3	6	170	0.27	< 20	5	< 2	< 10	595	< 10	3	7

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883831 Dup	0.26	< 10	1.05	0.315	0.024	0.36	3	6	168	0.27	< 20	4	2	< 10	587	< 10	3	7
883840 Orig	0.29	< 10	0.89	0.449	0.027	0.70	< 2	4	278	0.13	< 20	< 1	2	< 10	176	< 10	2	5
883840 Dup	0.29	< 10	0.91	0.446	0.027	0.69	< 2	4	281	0.14	< 20	2	< 2	< 10	178	< 10	2	5
883852 Orig																		
883852 Dup																		
883857 Orig	0.20	10	1.05	0.161	0.038	0.41	< 2	3	200	0.16	< 20	< 1	< 2	< 10	140	< 10	3	4
883857 Split PREP DUP	0.22	10	1.06	0.173	0.037	0.39	< 2	3	208	0.16	< 20	3	< 2	< 10	144	< 10	3	4
883858 Orig	0.22	10	1.13	0.216	0.032	0.14	< 2	3	224	0.16	< 20	< 1	< 2	< 10	115	< 10	2	3
883858 Dup	0.23	10	1.15	0.224	0.031	0.15	< 2	3	230	0.16	< 20	5	< 2	< 10	121	< 10	2	3
883861 Orig																		
883861 Dup																		
883871 Orig																		
883871 Dup																		
883878 Orig	0.30	12	0.86	0.241	0.040	0.14	< 2	3	205	0.17	< 20	1	< 2	< 10	123	< 10	4	5
883878 Dup	0.30	12	0.86	0.239	0.041	0.14	< 2	3	204	0.17	< 20	2	< 2	< 10	127	< 10	4	5
883890 Orig																		
883890 Dup																		
883893 Orig	0.19	13	0.86	0.164	0.033	0.13	< 2	3	270	0.22	< 20	< 1	< 2	< 10	192	< 10	4	6
883893 Dup	0.19	12	0.85	0.159	0.033	0.12	< 2	3	266	0.22	< 20	3	< 2	< 10	195	< 10	4	6
883900 Orig																		
883900 Dup																		
883902 Orig	0.26	< 10	0.71	0.267	0.044	0.73	< 2	3	201	0.16	< 20	1	3	< 10	262	< 10	3	5
883902 Dup	0.27	< 10	0.72	0.271	0.044	0.72	< 2	4	200	0.15	< 20	< 1	< 2	< 10	264	< 10	3	5
883907 Orig	0.19	< 10	0.93	0.124	0.037	0.97	2	3	266	0.17	< 20	3	< 2	< 10	156	< 10	3	5
883907 Split PREP DUP	0.18	< 10	0.93	0.120	0.037	1.00	< 2	3	258	0.17	< 20	2	< 2	< 10	157	< 10	3	5
883910 Orig																		
883910 Dup																		
883921 Orig	0.17	16	0.83	0.091	0.115	0.75	< 2	2	321	0.14	< 20	< 1	< 2	< 10	88	< 10	4	4
883921 Dup	0.17	16	0.83	0.090	0.114	0.74	< 2	2	339	0.14	< 20	2	< 2	< 10	88	< 10	4	4
883923 Orig																		
883923 Dup																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank	< 0.01	< 10	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 10	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 0.01	< 10	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 10	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Date Submitted: 19-Feb-19
Invoice No.: A19-02467
Invoice Date: 22-Mar-19
Your Reference: EAGLE ROCK

Champion Bear Resources
2005-9th Street S.W.
Calgary AB T2T 3C4
Canada

ATTN: President Richard Kantor

CERTIFICATE OF ANALYSIS

107 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1C-OES-Tbay Fire Assay ICPOES (QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A19-02467**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883928	187	526	300	3.1	< 0.5	4190	247	< 1	638	15	42	2.70	< 2	< 10	24	< 0.5	< 2	2.53	54	46	3.89	< 10	< 1
883929	202	1370	695	3.5	0.6	6240	656	3	9940	32	101	2.69	< 2	< 10	< 10	< 0.5	< 2	1.54	154	141	11.7	< 10	< 1
883930	100	529	306	2.4	< 0.5	2930	268	3	684	21	48	2.70	< 2	< 10	22	< 0.5	< 2	2.55	61	46	4.55	< 10	< 1
883931	40	385	212	1.0	0.5	1160	261	4	490	16	32	2.44	< 2	< 10	37	< 0.5	< 2	2.77	46	40	3.94	< 10	< 1
883932	35	312	177	0.7	< 0.5	1090	280	5	392	8	30	2.98	< 2	< 10	29	< 0.5	< 2	2.73	47	43	4.18	< 10	< 1
883933	13	78	39	0.6	< 0.5	370	286	< 1	122	< 2	31	2.96	< 2	< 10	75	< 0.5	< 2	3.08	21	36	3.28	< 10	< 1
883934	< 2	< 5	< 5	< 0.2	< 0.5	13	2170	< 1	32	< 2	81	4.28	8	37	351	1.1	< 2	4.76	12	45	3.56	10	< 1
883935	18	89	54	0.5	< 0.5	701	265	< 1	142	< 2	27	2.51	< 2	< 10	73	< 0.5	< 2	2.85	23	33	3.27	< 10	< 1
883936	18	151	89	1.1	< 0.5	553	280	2	194	5	29	2.25	< 2	< 10	37	< 0.5	< 2	2.45	33	32	4.22	< 10	< 1
883937	13	88	55	0.7	< 0.5	598	311	3	169	3	34	2.41	< 2	< 10	47	< 0.5	< 2	2.77	31	24	4.30	< 10	< 1
883938	3	13	< 5	0.3	< 0.5	150	245	3	68	< 2	25	2.28	< 2	< 10	88	< 0.5	< 2	2.52	22	25	3.24	< 10	< 1
883939	98	577	292	2.1	< 0.5	4130	746	3	4430	13	82	2.95	6	< 10	17	< 0.5	7	1.80	91	94	11.7	< 10	2
883940	13	29	17	0.5	< 0.5	364	226	< 1	79	3	31	2.13	< 2	< 10	110	< 0.5	< 2	2.08	22	29	3.73	< 10	< 1
883941	13	48	27	0.4	< 0.5	371	294	< 1	101	3	35	2.07	< 2	< 10	172	< 0.5	< 2	1.98	25	79	3.70	< 10	< 1
883942	5	10	9	0.4	< 0.5	245	185	< 1	73	< 2	29	1.91	< 2	< 10	167	< 0.5	< 2	1.64	23	44	3.51	< 10	< 1
883943	4	8	5	0.3	< 0.5	197	228	< 1	68	3	29	1.91	< 2	< 10	147	< 0.5	< 2	1.79	22	25	3.73	< 10	< 1
883944	3	9	6	0.3	< 0.5	206	221	< 1	70	3	33	1.83	< 2	< 10	149	< 0.5	< 2	1.75	26	26	3.68	< 10	< 1
883945	3	11	7	0.3	< 0.5	251	272	< 1	80	< 2	29	2.22	< 2	< 10	195	< 0.5	< 2	1.79	24	26	4.14	< 10	< 1
883946	< 2	18	11	0.2	< 0.5	286	248	< 1	77	3	26	1.93	< 2	< 10	60	< 0.5	< 2	1.82	28	23	3.74	< 10	< 1
883947	4	17	15	0.3	< 0.5	207	233	< 1	67	< 2	27	1.95	< 2	< 10	129	< 0.5	< 2	1.89	23	24	3.65	< 10	< 1
883948	8	22	13	0.5	< 0.5	348	198	< 1	86	2	32	1.83	< 2	< 10	117	< 0.5	< 2	1.81	29	24	3.69	< 10	< 1
883949	137	1360	673	3.1	0.9	6100	634	3	9340	31	95	2.63	< 2	< 10	< 10	< 0.5	< 2	1.44	148	136	11.5	< 10	3
883950	2	6	< 5	0.3	< 0.5	157	215	< 1	61	3	31	1.83	< 2	< 10	114	< 0.5	< 2	1.89	22	23	3.48	< 10	< 1
883951	< 2	< 5	< 5	0.3	< 0.5	138	223	< 1	61	2	28	1.95	< 2	< 10	109	< 0.5	< 2	2.05	23	21	3.30	< 10	< 1
883952	2	12	12	0.4	< 0.5	163	224	< 1	55	3	25	1.95	< 2	< 10	87	< 0.5	< 2	2.14	22	19	2.95	< 10	< 1
883953	< 2	6	< 5	0.2	< 0.5	132	239	1	60	5	30	1.83	< 2	< 10	120	< 0.5	< 2	1.80	21	26	3.68	< 10	< 1
883954	< 2	< 5	< 5	< 0.2	< 0.5	11	1880	< 1	37	< 2	77	4.77	6	41	302	1.3	< 2	5.39	13	49	3.75	10	1
883955	< 2	< 5	< 5	< 0.2	< 0.5	116	236	< 1	56	5	30	1.85	< 2	< 10	115	< 0.5	< 2	1.86	21	26	3.68	< 10	< 1
883956	< 2	8	7	0.3	< 0.5	122	222	< 1	53	4	26	2.03	< 2	< 10	104	< 0.5	< 2	2.15	20	21	3.33	< 10	< 1
883957	< 2	6	9	0.2	< 0.5	99	233	< 1	58	3	30	1.78	< 2	< 10	126	< 0.5	< 2	1.77	23	25	3.91	< 10	< 1
883958	< 2	< 5	< 5	0.4	< 0.5	73	253	< 1	60	< 2	29	1.96	< 2	< 10	177	< 0.5	< 2	1.76	21	26	4.11	< 10	< 1
883959	< 2	< 5	< 5	< 0.2	< 0.5	71	257	< 1	59	2	29	1.97	< 2	< 10	177	< 0.5	< 2	1.78	21	27	4.18	< 10	< 1
883960	< 2	< 5	< 5	< 0.2	< 0.5	99	242	< 1	61	< 2	25	1.94	< 2	< 10	150	< 0.5	< 2	1.86	23	24	3.84	< 10	< 1
883961	< 2	< 5	< 5	0.2	< 0.5	120	209	< 1	55	4	23	1.81	< 2	< 10	102	< 0.5	< 2	2.04	23	19	3.04	< 10	< 1
883962	< 2	< 5	< 5	< 0.2	< 0.5	178	223	< 1	57	4	25	1.71	< 2	< 10	102	< 0.5	< 2	1.86	28	21	3.39	< 10	< 1
883963	< 2	< 5	< 5	0.3	< 0.5	111	250	< 1	60	< 2	30	1.93	< 2	< 10	173	< 0.5	< 2	1.82	25	22	3.87	< 10	< 1
883964	< 2	< 5	< 5	< 0.2	< 0.5	12	3760	< 1	36	< 2	77	4.73	8	46	365	1.3	< 2	6.09	13	50	3.79	10	2
883965	< 2	< 5	< 5	0.3	< 0.5	193	308	1	57	< 2	33	2.47	< 2	< 10	84	< 0.5	< 2	2.36	27	23	4.23	< 10	< 1
883966	< 2	< 5	< 5	0.2	< 0.5	83	258	< 1	50	4	29	2.10	< 2	< 10	136	< 0.5	< 2	2.10	22	22	3.65	< 10	< 1
883967	< 2	< 5	< 5	0.2	< 0.5	72	269	< 1	50	3	27	2.22	< 2	< 10	156	< 0.5	< 2	2.11	23	22	3.60	< 10	< 1
883968	< 2	< 5	< 5	0.4	< 0.5	212	205	< 1	40	17	28	2.27	< 2	< 10	51	< 0.5	< 2	2.75	25	13	2.70	< 10	< 1
883969	< 2	< 5	< 5	0.3	< 0.5	212	201	< 1	41	8	28	2.13	< 2	< 10	48	< 0.5	< 2	2.66	25	13	2.73	< 10	< 1

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883970	< 2	< 5	< 5	0.3	< 0.5	109	257	< 1	49	3	28	2.08	< 2	< 10	116	< 0.5	< 2	2.05	24	22	3.59	< 10	< 1
883971	48	98	62	1.2	< 0.5	1120	319	< 1	203	12	68	2.25	< 2	< 10	117	< 0.5	< 2	2.36	34	112	4.49	< 10	< 1
883972	216	482	267	3.5	< 0.5	4140	267	< 1	622	24	53	2.22	< 2	< 10	28	< 0.5	< 2	1.87	61	78	5.34	< 10	1
883973	390	834	496	5.9	< 0.5	6510	310	< 1	1070	30	61	2.31	3	< 10	24	< 0.5	< 2	1.67	69	45	4.89	< 10	1
883974	3	< 5	< 5	< 0.2	< 0.5	37	2780	1	38	< 2	76	4.63	8	45	387	1.2	< 2	5.40	15	48	3.84	10	2
883975	242	521	318	3.4	< 0.5	4110	298	< 1	923	20	54	2.19	< 2	< 10	24	< 0.5	< 2	1.73	64	39	6.12	< 10	2
883976	97	208	144	1.8	< 0.5	1910	248	< 1	387	15	53	1.93	< 2	< 10	73	< 0.5	< 2	1.62	42	36	5.86	< 10	1
883977	9	20	10	0.4	< 0.5	306	317	< 1	86	4	44	2.56	< 2	< 10	119	< 0.5	< 2	1.97	24	52	3.73	< 10	< 1
883978	14	30	18	0.4	< 0.5	369	240	< 1	94	2	32	2.49	< 2	< 10	123	< 0.5	< 2	2.19	20	47	3.37	< 10	< 1
883979	13	32	20	0.5	< 0.5	382	238	< 1	95	< 2	32	2.54	< 2	< 10	124	< 0.5	< 2	2.21	20	47	3.36	< 10	< 1
883980	20	46	24	0.6	< 0.5	584	246	< 1	138	3	36	2.49	< 2	< 10	113	< 0.5	< 2	2.07	24	42	3.92	< 10	< 1
883981	15	33	26	0.5	< 0.5	422	243	< 1	110	< 2	32	2.44	< 2	< 10	107	< 0.5	< 2	2.00	22	52	3.50	< 10	< 1
883982	47	108	58	0.5	< 0.5	933	313	< 1	189	5	38	2.56	< 2	< 10	63	< 0.5	< 2	2.20	27	53	3.05	< 10	< 1
883983	55	129	66	1.1	< 0.5	1240	278	< 1	215	5	37	2.56	< 2	< 10	76	< 0.5	< 2	2.41	27	53	2.93	< 10	< 1
883984	< 2	< 5	< 5	0.3	< 0.5	18	2050	1	34	6	74	4.63	5	43	343	1.2	< 2	5.26	12	48	3.71	10	1
883985	70	134	78	2.0	< 0.5	1380	263	< 1	221	16	39	2.64	< 2	< 10	117	< 0.5	< 2	2.43	28	62	3.19	< 10	< 1
883986	24	56	28	0.5	< 0.5	577	277	< 1	118	3	34	2.53	< 2	< 10	92	< 0.5	< 2	2.43	22	55	3.06	< 10	< 1
883987	6	18	7	0.4	< 0.5	202	304	< 1	76	< 2	34	2.77	< 2	< 10	120	< 0.5	< 2	2.64	22	54	3.00	< 10	< 1
883988	7	24	13	0.4	< 0.5	294	295	< 1	87	< 2	33	2.54	< 2	< 10	100	< 0.5	< 2	2.41	22	54	3.16	< 10	< 1
883989	8	26	9	0.4	< 0.5	278	293	< 1	88	2	33	2.53	< 2	< 10	100	< 0.5	< 2	2.39	23	55	3.15	< 10	< 1
883990	11	26	8	0.5	0.5	314	265	< 1	85	3	29	2.41	< 2	< 10	91	< 0.5	< 2	2.34	23	47	2.84	< 10	< 1
883991	7	13	9	0.3	0.6	235	303	< 1	72	< 2	34	2.47	< 2	< 10	79	< 0.5	< 2	2.30	21	51	2.97	< 10	< 1
883992	5	10	6	0.4	< 0.5	160	261	< 1	63	2	27	2.40	< 2	< 10	84	< 0.5	< 2	2.49	19	44	2.52	< 10	< 1
883993	< 2	7	< 5	0.5	< 0.5	28	268	< 1	40	5	31	2.43	< 2	< 10	105	< 0.5	< 2	2.91	21	32	2.91	< 10	< 1
883994	< 2	< 5	< 5	0.7	< 0.5	11	2570	< 1	31	3	62	4.37	6	40	317	1.1	< 2	5.65	12	43	3.36	10	< 1
883995	< 2	< 5	< 5	0.3	< 0.5	39	282	< 1	24	7	33	2.22	< 2	< 10	74	< 0.5	2	2.55	19	12	2.93	< 10	< 1
883996	< 2	9	5	0.2	< 0.5	76	282	< 1	68	< 2	27	2.35	< 2	< 10	95	< 0.5	< 2	2.38	19	48	2.85	< 10	< 1
883997	21	82	46	0.6	< 0.5	605	428	< 1	180	2	43	1.79	< 2	< 10	71	< 0.5	< 2	1.67	36	121	4.66	< 10	< 1
883998	34	292	203	1.1	< 0.5	2020	275	2	706	6	39	2.10	< 2	< 10	23	< 0.5	< 2	2.08	66	61	4.95	< 10	1
883999	35	315	196	1.1	< 0.5	1870	263	1	624	6	37	2.03	< 2	< 10	24	< 0.5	< 2	2.03	59	61	4.66	< 10	< 1
884000	85	172	95	2.4	< 0.5	1340	258	< 1	294	11	36	2.08	< 2	< 10	85	< 0.5	< 2	1.92	34	61	3.36	< 10	< 1
884001	121	305	187	3.5	< 0.5	2390	239	< 1	447	14	36	2.25	< 2	< 10	52	< 0.5	< 2	1.86	45	53	3.90	< 10	< 1
884002	191	448	262	3.2	< 0.5	3290	228	< 1	648	8	40	2.12	< 2	< 10	27	< 0.5	< 2	1.79	52	52	4.11	< 10	< 1
884003	8	7	< 5	0.2	< 0.5	155	245	< 1	70	3	28	2.15	< 2	< 10	75	< 0.5	< 2	2.15	20	45	2.78	< 10	< 1
884004	< 2	< 5	< 5	0.3	< 0.5	14	1770	< 1	32	< 2	63	4.26	5	37	282	1.1	< 2	5.46	11	44	3.43	10	< 1
884005	< 2	< 5	5	0.3	< 0.5	189	201	< 1	43	4	41	1.73	< 2	< 10	73	< 0.5	< 2	1.72	15	33	2.94	< 10	< 1
884006	< 2	< 5	< 5	0.2	< 0.5	178	213	< 1	43	2	39	1.90	< 2	< 10	83	< 0.5	< 2	1.76	16	33	3.09	< 10	< 1
884007	3	6	7	0.3	< 0.5	228	231	< 1	51	5	46	2.30	< 2	< 10	79	< 0.5	< 2	2.31	15	32	3.17	< 10	< 1
884008	99	222	117	2.2	< 0.5	2890	425	< 1	407	32	93	2.59	< 2	< 10	55	< 0.5	< 2	1.60	41	67	5.43	< 10	1
884009	100	239	125	2.1	< 0.5	2700	436	< 1	404	29	93	2.57	< 2	< 10	51	< 0.5	< 2	1.61	40	73	5.62	< 10	2
884010	195	431	227	4.7	< 0.5	5500	296	< 1	1180	29	53	2.03	< 2	< 10	22	< 0.5	< 2	1.67	49	42	4.28	< 10	< 1
884011	50	116	55	1.3	< 0.5	1460	214	< 1	347	13	34	1.94	< 2	< 10	79	< 0.5	< 2	1.82	25	44	2.75	< 10	< 1

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
884012	10	20	17	0.3	< 0.5	353	228	< 1	105	< 2	43	2.17	2	< 10	83	< 0.5	< 2	2.07	18	49	2.78	< 10	< 1
884013	3	8	< 5	0.3	< 0.5	243	261	< 1	86	< 2	34	2.23	< 2	< 10	81	< 0.5	< 2	1.84	18	56	3.17	< 10	< 1
884014	< 2	< 5	< 5	< 0.2	< 0.5	11	1690	< 1	32	< 2	61	4.39	3	38	297	1.2	< 2	4.88	13	47	3.67	10	2
884015	5	17	7	0.2	< 0.5	296	379	< 1	109	< 2	57	2.58	< 2	< 10	44	0.5	< 2	1.02	23	65	4.06	< 10	< 1
884016	< 2	8	< 5	0.5	< 0.5	192	217	< 1	68	< 2	29	1.98	< 2	< 10	78	< 0.5	< 2	1.50	19	50	3.05	< 10	< 1
884017	< 2	8	< 5	0.2	< 0.5	175	240	< 1	66	< 2	31	2.01	< 2	< 10	84	< 0.5	< 2	1.68	19	52	3.26	< 10	< 1
884018	3	12	7	0.3	< 0.5	257	210	< 1	72	< 2	29	2.08	< 2	< 10	96	< 0.5	< 2	1.88	21	52	3.25	< 10	< 1
884019	5	16	15	0.4	< 0.5	243	202	< 1	68	< 2	28	1.97	< 2	< 10	92	< 0.5	< 2	1.81	18	49	3.06	< 10	< 1
884020	3	11	8	0.3	< 0.5	224	185	< 1	63	< 2	27	2.08	< 2	< 10	98	< 0.5	< 2	1.82	18	48	3.11	< 10	< 1
884021	3	10	5	0.3	< 0.5	222	181	< 1	62	< 2	27	2.39	< 2	< 10	93	< 0.5	< 2	1.89	16	49	3.22	< 10	< 1
884022	< 2	7	< 5	0.3	< 0.5	208	204	< 1	62	< 2	31	2.27	< 2	< 10	116	< 0.5	< 2	1.87	18	53	3.45	< 10	< 1
884023	19	49	18	0.5	< 0.5	522	232	< 1	118	< 2	35	2.21	< 2	< 10	83	< 0.5	< 2	2.14	24	47	3.86	< 10	< 1
884024	< 2	< 5	< 5	< 0.2	< 0.5	19	1820	< 1	39	< 2	73	4.68	5	40	283	1.2	< 2	5.34	14	50	3.80	10	2
884025	5	14	8	0.4	< 0.5	263	167	< 1	72	< 2	28	1.85	< 2	< 10	85	< 0.5	< 2	1.60	19	46	3.03	< 10	< 1
884026	2	10	< 5	0.3	< 0.5	191	196	< 1	64	< 2	29	2.09	< 2	< 10	99	< 0.5	< 2	1.68	21	49	3.37	< 10	< 1
884027	30	77	42	1.0	< 0.5	881	206	< 1	186	7	36	2.13	< 2	< 10	111	< 0.5	< 2	1.85	29	58	3.69	< 10	< 1
884028	7	18	< 5	0.3	< 0.5	306	169	< 1	80	< 2	29	1.91	< 2	< 10	102	< 0.5	< 2	1.68	21	53	3.29	< 10	< 1
884029	6	21	14	0.3	< 0.5	282	160	< 1	73	2	28	1.81	< 2	< 10	99	< 0.5	< 2	1.60	20	52	3.13	< 10	< 1
884030	< 2	6	< 5	0.3	< 0.5	165	218	< 1	61	< 2	33	2.13	< 2	< 10	103	< 0.5	< 2	1.98	20	47	3.35	< 10	< 1
884031	< 2	< 5	< 5	0.3	< 0.5	173	205	< 1	59	< 2	30	2.12	< 2	< 10	114	< 0.5	< 2	1.75	22	47	3.36	< 10	< 1
884032	< 2	< 5	< 5	0.3	< 0.5	184	248	< 1	67	2	36	2.19	< 2	< 10	119	< 0.5	< 2	1.70	24	54	3.84	< 10	< 1
884033	< 2	< 5	6	0.3	< 0.5	177	272	< 1	70	< 2	38	2.04	< 2	< 10	101	< 0.5	< 2	1.73	25	61	3.88	< 10	< 1
884034	< 2	< 5	< 5	< 0.2	< 0.5	10	3060	< 1	31	< 2	65	4.39	2	39	329	1.2	< 2	5.25	12	45	3.47	10	< 1

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883928	0.19	10	0.87	0.089	0.054	1.02	< 2	2	279	0.15	< 20	< 1	< 2	< 10	99	< 10	3	5
883929	0.18	< 10	2.78	0.408	0.071	2.94	3	3	71	0.18	< 20	2	< 2	< 10	60	< 10	5	8
883930	0.19	10	0.96	0.093	0.043	1.19	3	3	265	0.16	< 20	1	3	< 10	119	< 10	3	6
883931	0.10	19	1.00	0.102	0.071	0.88	< 2	3	333	0.19	< 20	4	< 2	< 10	94	< 10	4	6
883932	0.15	11	1.17	0.086	0.054	0.84	< 2	3	341	0.19	< 20	4	2	< 10	109	< 10	3	6
883933	0.18	12	1.10	0.094	0.057	0.20	< 2	3	336	0.20	< 20	3	< 2	< 10	115	< 10	3	4
883934	0.90	22	1.35	0.294	0.063	0.11	< 2	8	198	0.14	< 20	< 1	< 2	< 10	34	< 10	11	6
883935	0.16	12	0.97	0.098	0.056	0.30	< 2	3	234	0.18	< 20	< 1	< 2	< 10	113	< 10	3	4
883936	0.21	14	1.06	0.158	0.057	0.60	2	4	192	0.22	< 20	6	< 2	< 10	146	< 10	4	7
883937	0.59	35	1.26	0.184	0.122	0.68	< 2	5	295	0.25	< 20	< 1	< 2	< 10	147	< 10	5	11
883938	0.21	14	0.83	0.135	0.052	0.26	< 2	3	329	0.21	< 20	3	< 2	< 10	137	< 10	4	5
883939	0.19	< 10	2.61	0.487	0.073	1.49	6	3	82	0.19	< 20	< 1	< 2	< 10	53	< 10	6	8
883940	0.20	12	0.80	0.169	0.067	0.10	< 2	2	263	0.17	< 20	< 1	< 2	< 10	174	< 10	3	5
883941	0.33	15	1.31	0.225	0.070	0.14	< 2	5	220	0.19	< 20	2	< 2	< 10	147	< 10	4	7
883942	0.31	11	0.76	0.290	0.068	0.08	< 2	3	230	0.16	< 20	4	< 2	< 10	169	< 10	3	5
883943	0.33	11	0.76	0.265	0.049	0.09	< 2	3	211	0.20	< 20	< 1	< 2	< 10	181	< 10	4	5
883944	0.33	11	0.75	0.235	0.050	0.10	< 2	3	197	0.19	< 20	2	< 2	< 10	182	< 10	4	5
883945	0.56	11	0.89	0.396	0.047	0.20	< 2	5	216	0.22	< 20	4	< 2	< 10	199	< 10	4	6
883946	0.39	12	0.86	0.270	0.054	0.41	< 2	4	183	0.21	< 20	3	< 2	< 10	177	< 10	4	6
883947	0.26	11	0.76	0.241	0.050	0.12	< 2	4	234	0.21	< 20	4	< 2	< 10	183	< 10	4	5
883948	0.20	10	0.71	0.197	0.066	0.15	< 2	3	229	0.17	< 20	2	< 2	< 10	181	< 10	3	5
883949	0.18	< 10	2.67	0.400	0.069	2.73	5	3	70	0.18	< 20	< 1	< 2	< 10	58	< 10	5	8
883950	0.17	11	0.72	0.174	0.057	0.10	< 2	3	237	0.18	< 20	< 1	< 2	< 10	175	< 10	3	6
883951	0.15	12	0.75	0.131	0.063	0.16	< 2	3	283	0.21	< 20	1	< 2	< 10	169	< 10	4	6
883952	0.15	11	0.73	0.100	0.047	0.12	< 2	2	340	0.20	< 20	< 1	< 2	< 10	145	< 10	3	5
883953	0.16	12	0.80	0.187	0.055	0.16	3	3	222	0.21	< 20	2	< 2	< 10	193	< 10	4	6
883954	1.06	22	1.51	0.271	0.065	0.06	< 2	8	228	0.15	< 20	< 1	< 2	< 10	36	< 10	12	2
883955	0.15	11	0.78	0.183	0.051	0.12	< 2	3	230	0.21	< 20	2	< 2	< 10	207	< 10	3	6
883956	0.19	13	0.77	0.132	0.056	0.16	< 2	3	327	0.21	< 20	2	< 2	< 10	179	< 10	3	5
883957	0.23	12	0.80	0.187	0.062	0.14	< 2	3	201	0.21	< 20	1	< 2	< 10	221	< 10	4	6
883958	0.44	11	0.87	0.295	0.054	0.13	< 2	4	189	0.23	< 20	< 1	< 2	< 10	234	< 10	4	6
883959	0.44	12	0.88	0.306	0.054	0.13	< 2	4	189	0.22	< 20	< 1	< 2	< 10	239	< 10	4	7
883960	0.32	12	0.80	0.295	0.055	0.21	< 2	4	199	0.23	< 20	1	< 2	< 10	216	< 10	4	7
883961	0.17	12	0.67	0.143	0.063	0.18	< 2	3	241	0.21	< 20	< 1	< 2	< 10	165	< 10	4	5
883962	0.18	12	0.76	0.176	0.060	0.27	< 2	4	179	0.21	< 20	4	< 2	< 10	185	< 10	4	6
883963	0.42	14	0.89	0.256	0.069	0.19	3	4	206	0.22	< 20	2	< 2	< 10	207	< 10	4	7
883964	1.04	21	1.53	0.318	0.067	0.04	< 2	8	280	0.15	< 20	< 1	< 2	< 10	42	< 10	12	2
883965	0.44	13	1.14	0.250	0.049	0.37	3	6	258	0.25	< 20	< 1	3	< 10	204	< 10	4	8
883966	0.21	12	0.84	0.219	0.053	0.18	< 2	4	272	0.23	< 20	3	< 2	< 10	193	< 10	4	6
883967	0.26	12	0.86	0.252	0.051	0.15	2	4	266	0.23	< 20	< 1	< 2	< 10	189	< 10	4	6
883968	0.26	42	0.83	0.153	0.140	0.59	< 2	2	415	0.25	< 20	< 1	< 2	< 10	110	< 10	4	9
883969	0.23	43	0.83	0.141	0.143	0.60	< 2	2	402	0.24	< 20	< 1	< 2	< 10	109	< 10	4	9

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883970	0.18	13	0.85	0.178	0.054	0.20	< 2	3	257	0.23	< 20	2	< 2	< 10	194	< 10	3	5
883971	0.34	14	1.04	0.212	0.071	0.31	< 2	5	231	0.20	< 20	2	< 2	< 10	178	< 10	5	7
883972	0.35	10	0.86	0.262	0.037	1.08	< 2	4	211	0.15	< 20	1	< 2	< 10	171	< 10	3	6
883973	0.29	10	1.24	0.305	0.037	1.32	< 2	4	216	0.11	< 20	1	< 2	< 10	111	< 10	4	7
883974	1.04	22	1.45	0.295	0.065	0.05	< 2	8	229	0.15	< 20	< 1	< 2	< 10	40	< 10	12	2
883975	0.24	< 10	1.19	0.301	0.038	1.03	< 2	4	199	0.15	< 20	1	< 2	< 10	222	< 10	3	7
883976	0.25	11	0.79	0.314	0.055	0.49	2	4	204	0.19	< 20	2	< 2	< 10	275	< 10	3	7
883977	0.26	12	1.63	0.352	0.047	0.08	< 2	4	225	0.12	< 20	< 1	< 2	< 10	137	< 10	4	7
883978	0.37	12	0.92	0.346	0.053	0.08	< 2	3	264	0.13	< 20	2	< 2	< 10	137	< 10	3	5
883979	0.37	12	0.92	0.350	0.054	0.08	< 2	3	269	0.13	< 20	4	< 2	< 10	138	< 10	3	5
883980	0.34	14	1.01	0.352	0.094	0.12	2	3	289	0.15	< 20	< 1	< 2	< 10	166	< 10	4	6
883981	0.33	12	1.16	0.388	0.061	0.09	< 2	4	270	0.13	< 20	4	< 2	< 10	142	< 10	3	5
883982	0.27	14	1.50	0.127	0.059	0.16	< 2	3	347	0.15	< 20	6	< 2	< 10	103	< 10	4	6
883983	0.25	13	1.08	0.156	0.050	0.24	< 2	3	283	0.14	< 20	4	< 2	< 10	100	< 10	3	7
883984	0.99	22	1.41	0.293	0.066	0.05	< 2	8	250	0.14	< 20	4	< 2	< 10	38	< 10	11	4
883985	0.29	12	1.00	0.260	0.045	0.25	< 2	3	271	0.15	< 20	< 1	< 2	< 10	118	< 10	3	7
883986	0.20	13	1.04	0.192	0.061	0.12	< 2	3	276	0.15	< 20	< 1	< 2	< 10	116	< 10	4	5
883987	0.23	14	1.18	0.188	0.053	0.08	< 2	3	346	0.17	< 20	< 1	2	< 10	110	< 10	4	7
883988	0.23	14	1.07	0.224	0.068	0.10	< 2	4	292	0.19	< 20	< 1	< 2	< 10	117	< 10	4	5
883989	0.23	14	1.07	0.226	0.065	0.10	< 2	4	292	0.19	< 20	< 1	< 2	< 10	118	< 10	4	5
883990	0.19	14	0.93	0.168	0.063	0.12	< 2	3	322	0.17	< 20	4	< 2	< 10	109	< 10	4	7
883991	0.24	14	1.27	0.160	0.077	0.08	< 2	3	284	0.18	< 20	3	< 2	< 10	109	< 10	4	6
883992	0.26	15	0.98	0.138	0.079	0.08	< 2	3	328	0.17	< 20	4	< 2	< 10	97	< 10	4	7
883993	0.09	41	1.28	0.123	0.129	0.19	< 2	4	606	0.23	< 20	3	2	< 10	82	< 10	5	7
883994	0.93	21	1.70	0.271	0.061	0.07	< 2	7	246	0.14	< 20	3	< 2	< 10	36	< 10	11	3
883995	0.09	64	1.24	0.110	0.252	0.31	< 2	3	531	0.31	< 20	4	< 2	< 10	69	< 10	9	4
883996	0.24	15	0.95	0.183	0.070	0.09	< 2	3	326	0.18	< 20	1	< 2	< 10	109	< 10	4	6
883997	0.19	15	1.75	0.164	0.079	0.21	< 2	7	134	0.19	< 20	< 1	< 2	< 10	170	< 10	6	12
883998	0.26	19	1.07	0.185	0.188	1.18	< 2	4	234	0.16	< 20	1	< 2	< 10	138	< 10	6	8
883999	0.24	18	1.03	0.173	0.180	1.05	< 2	4	227	0.15	< 20	2	< 2	< 10	136	< 10	6	7
884000	0.19	11	0.95	0.172	0.059	0.37	< 2	3	232	0.14	< 20	< 1	< 2	< 10	116	< 10	3	7
884001	0.21	10	0.90	0.211	0.045	0.61	< 2	3	259	0.15	< 20	< 1	< 2	< 10	139	< 10	3	9
884002	0.23	< 10	0.85	0.214	0.037	0.82	< 2	3	235	0.13	< 20	1	2	< 10	141	< 10	3	9
884003	0.16	11	0.84	0.154	0.033	0.06	< 2	3	294	0.17	< 20	1	< 2	< 10	115	< 10	3	6
884004	0.93	21	1.76	0.262	0.061	0.05	< 2	7	197	0.13	< 20	< 1	< 2	< 10	33	< 10	11	3
884005	0.24	13	0.60	0.181	0.046	0.05	< 2	2	165	0.14	< 20	4	< 2	< 10	106	< 10	3	7
884006	0.30	14	0.61	0.246	0.054	0.05	< 2	3	184	0.16	< 20	1	< 2	< 10	110	< 10	4	7
884007	0.26	15	0.73	0.169	0.076	0.06	< 2	2	237	0.16	< 20	1	< 2	< 10	105	< 10	4	6
884008	0.19	13	2.07	0.147	0.065	0.60	< 2	6	196	0.15	< 20	4	< 2	< 10	158	< 10	4	9
884009	0.17	14	2.10	0.139	0.078	0.58	< 2	6	188	0.15	< 20	2	< 2	< 10	171	< 10	4	9
884010	0.24	12	1.11	0.210	0.057	1.01	2	3	186	0.10	< 20	< 1	< 2	< 10	94	< 10	3	7
884011	0.26	13	0.76	0.224	0.058	0.27	< 2	2	196	0.10	< 20	< 1	< 2	< 10	79	< 10	3	5

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
884012	0.28	14	0.90	0.249	0.061	0.07	< 2	3	212	0.11	< 20	< 1	3	< 10	81	< 10	3	5
884013	0.30	13	1.11	0.276	0.049	0.05	< 2	3	240	0.13	< 20	3	< 2	< 10	105	< 10	3	7
884014	0.97	22	1.34	0.274	0.062	0.04	< 2	8	215	0.14	< 20	< 1	< 2	< 10	33	< 10	11	3
884015	0.17	15	3.10	0.144	0.051	0.08	< 2	7	135	0.13	< 20	2	< 2	< 10	117	< 10	5	13
884016	0.31	13	1.08	0.297	0.051	0.04	< 2	3	195	0.14	< 20	2	< 2	< 10	121	< 10	3	8
884017	0.34	13	1.08	0.287	0.046	0.04	< 2	3	185	0.15	< 20	1	< 2	< 10	123	< 10	3	8
884018	0.37	14	0.89	0.293	0.054	0.06	< 2	3	227	0.15	< 20	1	< 2	< 10	135	< 10	3	8
884019	0.35	12	0.84	0.279	0.049	0.06	< 2	3	216	0.14	< 20	< 1	< 2	< 10	130	< 10	3	7
884020	0.35	12	0.72	0.353	0.048	0.06	< 2	3	240	0.15	< 20	2	< 2	< 10	140	< 10	3	8
884021	0.35	12	0.73	0.435	0.047	0.05	< 2	3	280	0.15	< 20	4	< 2	< 10	141	< 10	3	8
884022	0.41	12	0.87	0.362	0.042	0.06	2	3	251	0.15	< 20	2	< 2	< 10	143	< 10	3	6
884023	0.28	16	0.99	0.263	0.109	0.15	< 2	3	239	0.14	< 20	< 1	< 2	< 10	158	< 10	4	7
884024	1.03	21	1.52	0.266	0.065	0.06	< 2	8	234	0.14	< 20	2	< 2	< 10	43	< 10	12	6
884025	0.27	12	0.65	0.312	0.069	0.08	< 2	3	218	0.13	< 20	2	< 2	< 10	145	< 10	3	7
884026	0.31	10	0.79	0.352	0.048	0.08	< 2	3	239	0.15	< 20	< 1	< 2	< 10	153	< 10	3	8
884027	0.36	12	0.92	0.315	0.072	0.23	< 2	3	224	0.14	< 20	4	< 2	< 10	149	< 10	4	8
884028	0.30	13	0.73	0.321	0.079	0.09	< 2	3	212	0.12	< 20	< 1	< 2	< 10	152	< 10	3	6
884029	0.29	11	0.70	0.304	0.076	0.09	< 2	3	200	0.12	< 20	< 1	< 2	< 10	145	< 10	3	7
884030	0.27	10	0.87	0.299	0.028	0.06	2	3	210	0.15	< 20	1	< 2	< 10	141	< 10	3	8
884031	0.30	12	0.82	0.333	0.056	0.07	< 2	3	230	0.14	< 20	2	< 2	< 10	149	< 10	3	8
884032	0.28	13	1.12	0.330	0.060	0.07	< 2	4	236	0.16	< 20	< 1	< 2	< 10	161	< 10	3	9
884033	0.24	11	1.21	0.284	0.054	0.06	< 2	4	218	0.15	< 20	2	2	< 10	165	< 10	3	8
884034	0.87	21	1.34	0.278	0.064	0.05	< 2	7	223	0.13	< 20	< 1	< 2	< 10	35	< 10	11	10

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
PK2 Meas	4680	5770	4690																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4810	5710	4550																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4580	5690	4610																				
PK2 Cert	4785	5918	4749																				
PK2 Meas	4740	5760	4580																				
PK2 Cert	4785	5918	4749																				
OREAS 904 (Aqua Regia) Meas				0.4	< 0.5	5730	450	2	40	10	26	1.92	89		76	7.3	< 2	0.04	89	25	6.19	< 10	
OREAS 904 (Aqua Regia) Cert				0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40	
OREAS 904 (Aqua Regia) Meas				0.3	< 0.5	6260	469	2	42	10	26	1.95	93		78	7.5	< 2	0.04	91	26	6.65	< 10	
OREAS 904 (Aqua Regia) Cert				0.366	0.0580	6300	410	2.02	36.6	8.49	22.4	1.25	91.0		68.0	6.54	3.74	0.0404	82.0	17.5	6.40	3.40	
OREAS 922 (AQUA REGIA) Meas				1.0	< 0.5	2190	826	< 1	40	60	283	2.94	7		76	0.8	10	0.41	17	48	5.33	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 922 (AQUA REGIA) Meas				0.8	< 0.5	2210	816	< 1	39	56	279	2.95	5		64	0.7	7	0.40	16	45	5.46	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 923 (AQUA REGIA) Meas				1.8	< 0.5	4520	911	< 1	37	82	368	2.94	6		45	0.7	18	0.41	19	43	6.14	< 10	
OREAS 923 (AQUA REGIA) Cert				1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01	
OREAS 923 (AQUA REGIA) Meas				1.6	< 0.5	4360	911	< 1	39	80	359	2.96	5		37	0.7	13	0.41	20	43	6.29	< 10	
OREAS 923 (AQUA REGIA) Cert				1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01	
OREAS 520 (Aqua Regia) Meas						2710	2050	52	78	< 2	21	1.47	135			0.6	< 2	3.34	169	34	15.5	10	
OREAS 520 (Aqua Regia) Cert						2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7	
OREAS 520						2890	2070	53	80	< 2	22	1.54	131			0.6	2	3.45	168	35	16.6	10	

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
(Aqua Regia) Meas																							
OREAS 520 (Aqua Regia) Cert						2960	2280	62.0	73.0	5.22	20.7	1.56	152			0.540	2.90	3.84	196	37.4	15.74	13.7	
CDN-PGMS-27 Meas	4960	1970	1270																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4470	2060	1320																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4430	1940	1250																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4490	2030	1200																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-GS-3M Meas	3020																						
CDN-GS-3M Cert	3100																						
CDN-GS-3M Meas	2860																						
CDN-GS-3M Cert	3100																						
Oreas 621 (Aqua Regia) Meas				68.3	288	3490	564	14	29	> 5000	> 10000	1.82	75			0.6	4	1.65	29	32	3.42	10	4
Oreas 621 (Aqua Regia) Cert				68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93
Oreas 621 (Aqua Regia) Meas				64.2	282	3320	556	12	28	> 5000	> 10000	1.73	72			0.6	6	1.66	29	32	3.35	10	3
Oreas 621 (Aqua Regia) Cert				68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93
883937 Orig				0.7	< 0.5	597	312	2	169	3	34	2.38	< 2	< 10	45	< 0.5	< 2	2.77	32	24	4.28	< 10	< 1
883937 Dup				0.7	< 0.5	598	310	3	169	2	35	2.43	< 2	< 10	49	< 0.5	< 2	2.77	30	24	4.31	< 10	< 1
883938 Orig	3	13	< 5																				
883938 Dup	3	13	< 5																				
883948 Orig	8	22	14																				
883948 Dup	8	23	12																				
883952 Orig				0.5	< 0.5	161	222	< 1	54	3	25	1.96	< 2	< 10	87	< 0.5	< 2	2.14	23	19	2.96	< 10	< 1
883952 Dup				0.3	< 0.5	165	227	< 1	55	3	25	1.95	< 2	< 10	87	< 0.5	< 2	2.13	20	19	2.95	< 10	< 1
883959 Orig	< 2	< 5	< 5																				
883959 Dup	< 2	< 5	< 5																				
883961 Orig				0.2	< 0.5	121	209	< 1	54	5	23	1.82	< 2	< 10	102	< 0.5	< 2	2.05	23	19	3.05	< 10	< 1
883961 Dup				0.3	< 0.5	118	209	< 1	56	3	23	1.79	< 2	< 10	102	< 0.5	< 2	2.02	22	19	3.03	< 10	< 1

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883972 Orig	217	470	256																				
883972 Dup	215	493	277																				
883977 Orig	9	20	10	0.4	< 0.5	306	317	< 1	86	4	44	2.56	< 2	< 10	119	< 0.5	< 2	1.97	24	52	3.73	< 10	< 1
883977 Split PREP DUP	11	22	< 5	0.4	< 0.5	318	323	< 1	87	6	44	2.60	< 2	< 10	120	< 0.5	< 2	1.99	23	51	3.72	< 10	< 1
883979 Orig				0.6	< 0.5	381	237	< 1	93	2	32	2.51	< 2	< 10	122	< 0.5	< 2	2.19	20	46	3.32	< 10	< 1
883979 Dup				0.4	< 0.5	383	239	< 1	96	< 2	32	2.57	< 2	< 10	125	< 0.5	2	2.22	21	47	3.41	< 10	< 1
883981 Orig	16	34	28																				
883981 Dup	15	33	25																				
883991 Orig	6	12	7																				
883991 Dup	8	14	10																				
883998 Orig	31	291	213																				
883998 Dup	37	293	193																				
883999 Orig				1.0	< 0.5	1890	263	1	630	6	37	2.02	< 2	< 10	25	< 0.5	< 2	2.01	58	61	4.66	< 10	< 1
883999 Dup				1.3	< 0.5	1850	263	1	618	6	37	2.04	< 2	< 10	23	< 0.5	< 2	2.04	61	61	4.66	< 10	< 1
884010 Orig	196	426	222																				
884010 Dup	193	435	232																				
884020 Orig	2	11	9																				
884020 Dup	3	12	6																				
884023 Orig				0.6	< 0.5	530	234	< 1	122	4	36	2.25	< 2	< 10	84	< 0.5	< 2	2.15	25	47	3.95	< 10	< 1
884023 Dup				0.5	< 0.5	513	230	< 1	113	< 2	35	2.16	< 2	< 10	82	< 0.5	< 2	2.13	24	46	3.77	< 10	< 1
884027 Orig	30	77	42	1.0	< 0.5	881	206	< 1	186	7	36	2.13	< 2	< 10	111	< 0.5	< 2	1.85	29	58	3.69	< 10	< 1
884027 Split PREP DUP	33	80	48	0.8	< 0.5	939	210	< 1	213	9	36	2.20	< 2	< 10	108	< 0.5	< 2	1.91	30	59	3.81	< 10	< 1
884030 Orig	< 2	6	< 5																				
884030 Dup	< 2	6	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
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Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank	< 2	< 5	< 5																				
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1
Method Blank				< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
PK2 Meas																		
PK2 Cert																		
PK2 Meas																		
PK2 Cert																		
PK2 Meas																		
PK2 Cert																		
PK2 Meas																		
PK2 Cert																		
OREAS 904 (Aqua Regia) Meas	0.94	38	0.21		0.109	0.04	3	5	19		< 20		< 2	< 10	35		20	
OREAS 904 (Aqua Regia) Cert	0.603	33.9	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 904 (Aqua Regia) Meas	0.99	40	0.21		0.079	0.04	2	5	20		< 20		< 2	< 10	35		21	
OREAS 904 (Aqua Regia) Cert	0.603	33.9	0.143		0.0950	0.0340	0.780	3.83	16.5		7.56		0.150	5.20	21.7		17.2	
OREAS 922 (AQUA REGIA) Meas	0.51	37	1.40	0.034	0.073	0.36	2	4	16		< 20		< 2	< 10	38	< 10	23	20
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.51	37	1.41	0.034	0.050	0.36	3	4	17		< 20		< 2	< 10	37	< 10	22	14
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	0.43	34	1.48		0.070	0.69	3	4	14		< 20		< 2	< 10	38	< 10	21	22
OREAS 923 (AQUA REGIA) Cert	0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	0.43	34	1.51		0.049	0.65	< 2	4	15		< 20		< 2	< 10	37	< 10	21	25
OREAS 923 (AQUA REGIA) Cert	0.322	30.0	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 520 (Aqua Regia) Meas	0.48	64	1.10	0.061	0.080	0.79	8	11	27	0.14	< 20	< 1	< 2	10	236	25	13	37
OREAS 520 (Aqua Regia) Cert	0.506	83.0	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
OREAS 520	0.53	64	1.16	0.068	0.057	0.84	6	11	27	0.14	< 20	3	< 2	11	242	22	13	32

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
(Aqua Regia) Meas																		
OREAS 520 (Aqua Regia) Cert	0.506	83.0	1.14	0.0520	0.0740	1.03	1.97	11.8	36.0	0.135	8.03	0.33	0.0900	14.9	247	29.6	14.3	28.0
CDN-PGMS-27 Meas																		
CDN-PGMS-27 Cert																		
CDN-PGMS-27 Meas																		
CDN-PGMS-27 Cert																		
CDN-PGMS-27 Meas																		
CDN-PGMS-27 Cert																		
CDN-PGMS-27 Meas																		
CDN-PGMS-27 Cert																		
CDN-GS-3M Meas																		
CDN-GS-3M Cert																		
CDN-GS-3M Meas																		
CDN-GS-3M Cert																		
Oreas 621 (Aqua Regia) Meas	0.40	19	0.44	0.183	0.038	4.50	107	3	18		< 20		< 2	< 10	14	< 10	9	56
Oreas 621 (Aqua Regia) Cert	0.333	19.4	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.39	17	0.44	0.181	0.022	4.11	68	2	16		< 20		< 2	< 10	13	< 10	8	10
Oreas 621 (Aqua Regia) Cert	0.333	19.4	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
883937 Orig	0.58	35	1.25	0.182	0.122	0.69	< 2	5	291	0.25	< 20	5	< 2	< 10	147	< 10	5	11
883937 Dup	0.59	35	1.26	0.186	0.121	0.68	< 2	5	299	0.26	< 20	< 1	< 2	< 10	146	< 10	5	12
883938 Orig																		
883938 Dup																		
883948 Orig																		
883948 Dup																		
883952 Orig	0.15	11	0.72	0.099	0.047	0.12	< 2	2	344	0.20	< 20	2	< 2	< 10	146	< 10	3	5
883952 Dup	0.15	12	0.73	0.100	0.047	0.12	< 2	2	335	0.20	< 20	< 1	< 2	< 10	144	< 10	3	5
883959 Orig																		
883959 Dup																		
883961 Orig	0.17	12	0.67	0.143	0.062	0.18	2	3	246	0.21	< 20	< 1	< 2	< 10	164	< 10	4	5
883961 Dup	0.16	12	0.67	0.143	0.063	0.18	< 2	3	237	0.21	< 20	6	< 2	< 10	166	< 10	4	5

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
883972 Orig																		
883972 Dup																		
883977 Orig	0.26	12	1.63	0.352	0.047	0.08	< 2	4	225	0.12	< 20	< 1	< 2	< 10	137	< 10	4	7
883977 Split PREP DUP	0.26	11	1.64	0.355	0.047	0.08	< 2	4	226	0.12	< 20	2	< 2	< 10	133	< 10	4	7
883979 Orig	0.37	12	0.91	0.345	0.054	0.08	< 2	3	266	0.13	< 20	4	< 2	< 10	137	< 10	3	5
883979 Dup	0.38	12	0.93	0.354	0.055	0.09	2	3	271	0.13	< 20	4	< 2	< 10	139	< 10	3	5
883981 Orig																		
883981 Dup																		
883991 Orig																		
883991 Dup																		
883998 Orig																		
883998 Dup																		
883999 Orig	0.24	18	1.02	0.172	0.181	1.06	< 2	4	226	0.15	< 20	2	< 2	< 10	135	< 10	6	8
883999 Dup	0.24	18	1.03	0.174	0.179	1.05	< 2	4	228	0.15	< 20	1	< 2	< 10	136	< 10	6	7
884010 Orig																		
884010 Dup																		
884020 Orig																		
884020 Dup																		
884023 Orig	0.29	16	1.00	0.270	0.112	0.15	< 2	3	242	0.14	< 20	2	< 2	< 10	158	< 10	4	7
884023 Dup	0.28	16	0.97	0.256	0.106	0.15	< 2	3	237	0.14	< 20	< 1	< 2	< 10	157	< 10	4	6
884027 Orig	0.36	12	0.92	0.315	0.072	0.23	< 2	3	224	0.14	< 20	4	< 2	< 10	149	< 10	4	8
884027 Split PREP DUP	0.36	12	0.93	0.328	0.070	0.24	12	3	234	0.14	< 20	< 1	< 2	< 10	153	< 10	4	8
884030 Orig																		
884030 Dup																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank	< 0.01	< 10	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 10	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 10	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 10	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

ABOUT US

WSP is one of the world's leading professional services consulting firms. We are dedicated to our local communities and propelled by international brainpower. We are technical experts and strategic advisors including engineers, technicians, scientists, planners, surveyors and environmental specialists, as well as other design, program and construction management professionals. We design lasting solutions in the Buildings, Transportation, Infrastructure, Oil & Gas, Environment, Geomatics, Mining, Power and Industrial sectors as well as project delivery and strategic consulting services. With over 8,000 talented people across Canada and 42,000 people globally we engineer projects that will help societies grow for generations to come.

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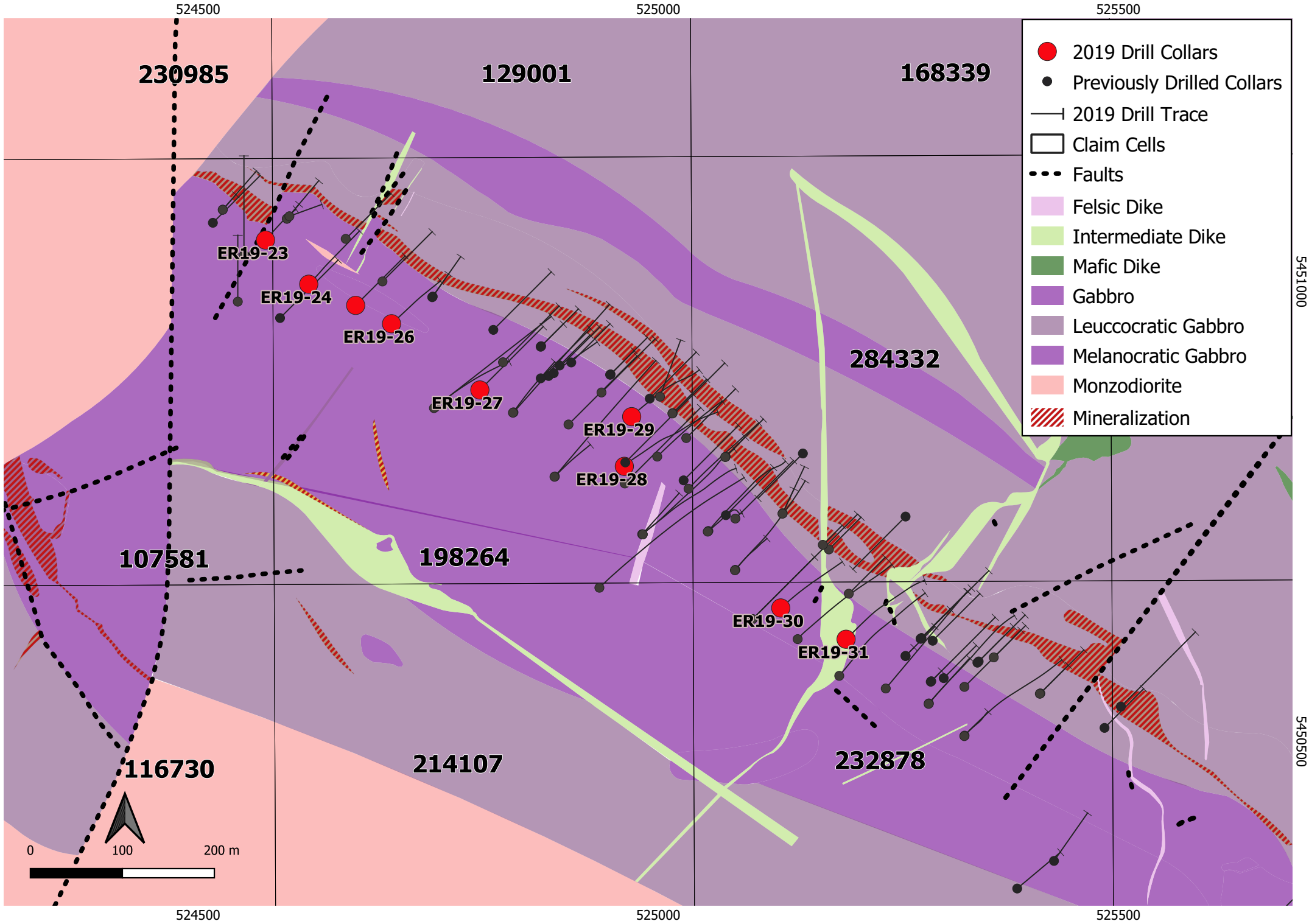
WSP.COM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ER19-30
ER19-31
2019 Drill Collars
Previously Drilled Collars
2019 Drill Trace
Claim Cells
Faults
Felsic Dike
Intermediate Dike
Mafic Dike
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Leuccocratic Gabbro
Melanocratic Gabbro
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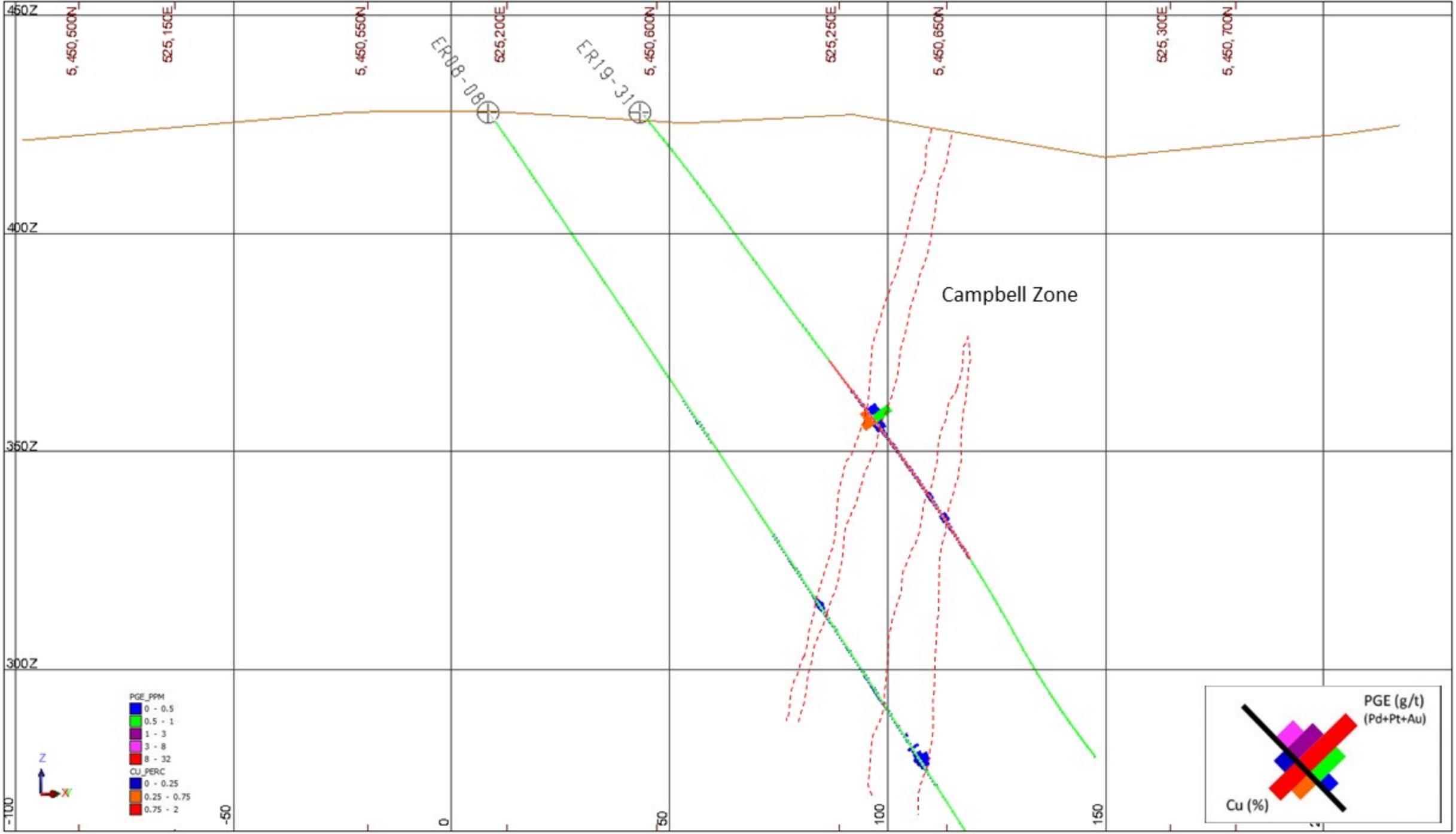
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525,200E
ER19-31
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525,250E
5, 450, 650N
525, 300E
5, 450, 700N
Campbell Zone
PGE_PPM
0 - 0.5
0.5 - 1
1 - 3
3 - 8
8 - 32
CU_PERC
0 - 0.25
0.25 - 0.75
0.75 - 2
Z
X
-100
-50
0
50
100
150
PGE (g/t)
(Pd+Pt+Au)
Cu (%)