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BC Geological Survey Assessment Report 41123

Ministry of Energy and Mines
BC Geological Survey

Assessment Report Title Page and Summary

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

TOTAL COST: $4,643.44

AUTHOR(S): Eric Morley **SIGNATURE(S):** Eric Morley

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A **YEAR OF WORK:** 2022

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event Number: 5968520/ Date: Jan 27, 2023

PROPERTY NAME: Mt Polley West Property (Claim 1092885)

CLAIM NAME(S) (on which the work was done): 1092885 (JACOBIE)

COMMODITIES SOUGHT: Cu, Zn

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 093A 066 & 093A 309

MINING DIVISION: Cariboo **NTS/BCGS:** 093A12

LATITUDE: 52 ° 32 '30 " **LONGITUDE:** 121 ° 44 '08 " **(at centre of work)**

OWNER(S):

1) Eagle Plains Resources Ltd. 2)

MAILING ADDRESS:

Suite 200, 44-12th Ave. S.
Cranbrook, BC, V1C 2R7

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

1) Eagle Plains Resources Ltd. 2)

MAILING ADDRESS:

Suite 200, 44-12th Ave. S.
Cranbrook, BC, V1C 2R7

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

Quesnellia, Nicola Group, late Triassic, trachybasalt, polylithic breccia, carbonate-ankeritelimonite- sericite altered felsite, quartz porphyry dykes, malachite, chalcocite, covellite, cuprite, azurite, chrysocolla, native copper

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 20792, 26614, & 32283

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TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	1:5,000 scale; 6.669 ha	1092885	$2,321.72
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	20 rock samples multi-element analysis	1092885	$1,547.81
Silt			
Rock	7 rock samples multi-element analysis/fire assay	1092885	$773.91
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$4,643.44

Mt Polley West Property (Claim 1092885)

Volume I: Assessment Report

2022 Geochemical and Geological Program

Claim: 1092885

Centre of Work

UTM Zone 10N 0585738 mE, 5822030 mN (NAD83)

52° 32’ 30” N, 121° 44’ 08” W

(NTS 093A12)

Cariboo Mining Division

Prepared for:
Eagle Plains Resources Ltd.
Suite 200, 44-12th Ave. S.
Cranbrook, BC, V1C 2R7

By:
Eric Morley, B.Sc.

Terralogic Exploration Inc.
Suite 200, 44-12th Ave. S.
Cranbrook, BC, V1C 2R7

January 20th, 2023

SUMMARY

The Mt Polley West (Claim 1092885) property is comprised of 1 claim wholly owned by Eagle Plains Resources Ltd. and totalling 39.324 hectares. The property is located approximately 52 km NNE of Williams Lake, BC.

The property is underlain by the Central Quesnel Belt portion of the Quesnellia terrane, a volcanic island arc which developed to the west of Mesozoic North America during the Upper Triassic to Lower Jurassic. Quesnellia accreted to the Omineca Belt to the east during the Lower Triassic as a result of north-easterly movement of the terrane. The closest major deposit to the property is the Mount Polley Copper-Gold Porphyry Deposit which lies approximately 8km to the east.

Geology within the property area consists primarily of late Triassic Nicola Group. Kikauka (1999) defined the following common lithologies on the property: maroon-coloured trachybasalt, grey-green-coloured trachybasalt, grey-maroon polylithic breccia, and carbonate-ankerite-limonite-sericite altered felsite. Rare, pinkish quartz porphyry dykes intrude all of the aforementioned units (Fox, 2011).

Two mineral occurrences underlie the tenure (Table 2). Volcanic rocks at these occurrences host malachite, chalcocite, covellite, cuprite, azurite, chrysocolla, and native copper as disseminations, fracture-fill, and amygdaloidal material (Flower, 2016). These occurrences are currently interpreted as volcanic redbed-style copper mineralization, as simple copper mineral assemblages are hosted in oxidized subaerial volcanic rocks.

In response to the discovery of the Mount Polley deposit in 1964, exploration work increased in the region as other copper porphyry deposits were sought out. In the mid-1960's, companies including New Jersey Zinc Exploration Co., and Chataway Exploration Co Ltd. conducted a series of geophysical surveys and soil sampling programs. After a period of relative quiescence, exploration work increased in intensity in the early 1980's. E & B Explorations Inc., Pamicon Developments Ltd., James Burdett, and a number of other operators completed soil sampling programs, rock sampling campaigns, and geophysical surveying into the 1990's. During this period, several copper occurrences were discovered on the property. Exploration in the 2000's and 2010's has been comparatively more subdued with mainly smaller soil sampling and geological mapping programs.

In 2022, TerraLogic Exploration Inc. conducted a field program at the Mt Polley West (Claim 1092885) property on behalf of Eagle Plains Resources Ltd., which included soil sampling, rock sampling, and geological mapping. Over the course of the 1-day program, 20 soil samples, 7 rock samples, and 7 geostations were collected. Exploration activity focused mainly on the historic Jacobie (093A 066) and JC1 (093A 309) showings.

Work in 2022 confirmed noteworthy copper mineralization on the property, present as cuprite, malachite, azurite, and chalcocite filling vugs and amygdules in carbonate-altered trachyte. Showings on the property have been interpreted as redbed-style mineralization or extensions of buried porphyry-style mineralization. In 2022, soil sampling assay results returned up to 122 ppb Cu, and rock sampling results returned up to 1595 ppb Cu. The results of the 2022 program confirms that the Mt Polley West (Claim 1092885) property is prospective for significant copper mineralization.

Advancing the Mt Polley West (Claim 1092885) property and vectoring to copper mineralization could be achieved through a combination of continued desktop work, soil sampling, trenching, and diamond drilling. Specific recommendations are as follows:

- Compilation work to collect and organize the historical data concerning the property. With 60 years of work and several extensive programs, a considerable dataset already exists for the property, but needs to be compiled into a single database for effective use. Planning for future work will be aided considerably by review of historic data.
- Expansion of the 2022 soil grid to better delineate anomalous copper trends near the Jacobie and JC1 showings.
- Mechanical trenching and channel sampling at historic showings and zones with anomalous copper-in-soil results. Outcrop coverage is poor on the property, but trenching has been used effectively in the past to uncover mineralized rock. Mapping of washed trenches may allow for the observation of structural data that could be an important control for mineralization. Trenching would also de-risk future diamond drilling campaigns.
- Diamond drilling at the Jacobie showing to intersect historically reported 1.12% Cu over 35m and 7.29% Cu in grab sample.

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1.0 Introduction

1.1 Location and Access

The Mt Polley West (Claim 1092885) property is located approximately 52 km NNE of Williams Lake, BC (centroid: 585,738 mE, 5,822,030mN [UTM Zone 10 NAD83]; Figure 1). In summer, access to the property is gained by driving the all-weather Jacobie Lake Forestry Road 3.5 km east from the paved Likely Road. The Jacobie Lake Forestry Road may not be plowed in the winter and snowmobiles may be required to reach the property.

1.2 Climate and Physiography

The project area is situated in central British Columbia at approximately 1150m above sea level surrounded by broad, rolling hills. The property is just east of Jacobie Lake which has a small recreation site on its northern shore. Forest cover consists of pine, spruce, cedar, birch, alder, and poplar. Outcrop exposure is generally poor to moderate across the property with the majority of outcrop along the slopes of outliers of Jacobie Mountain.

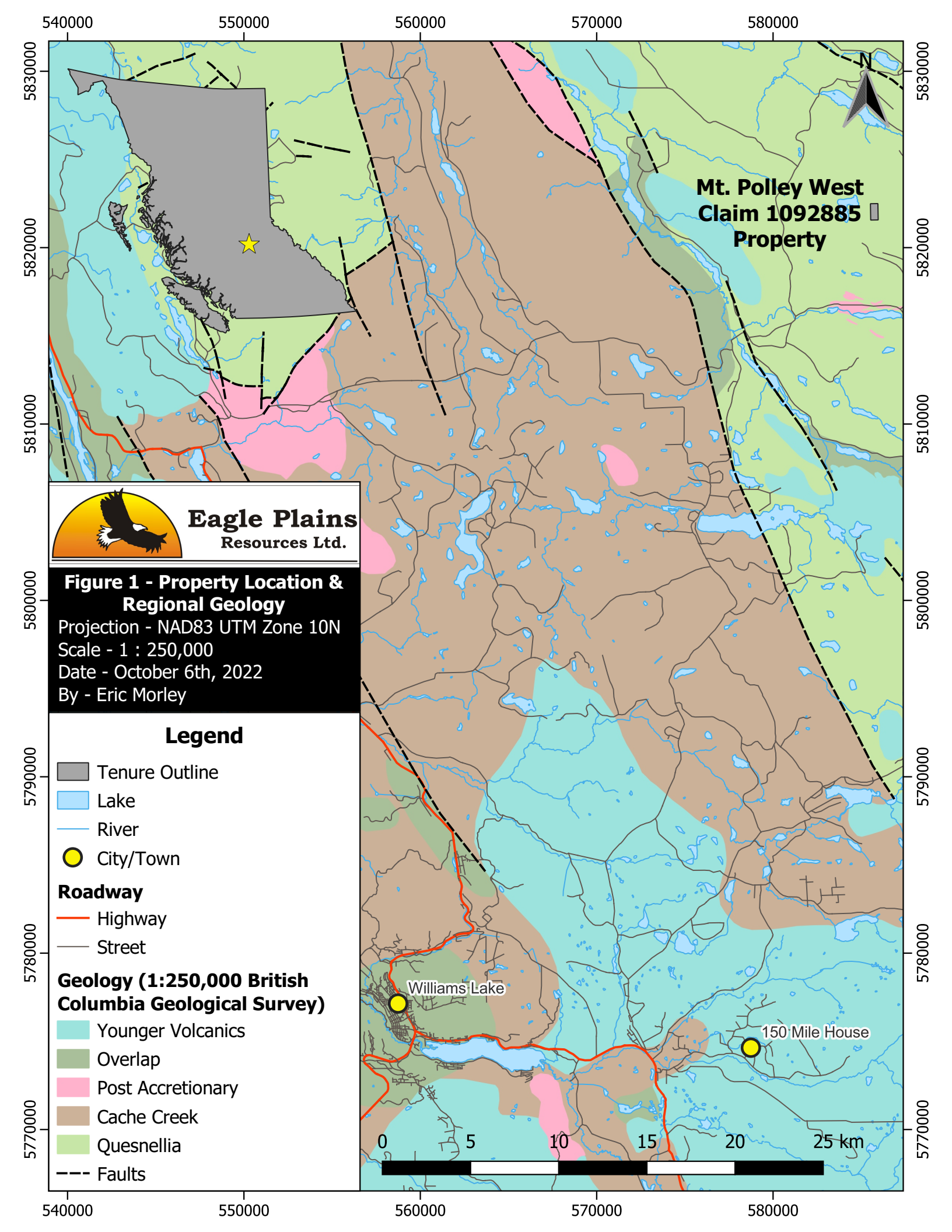
Average monthly temperatures at the nearby Mount Polley mine site range from 15.3° C in July/August to -6.0°C in January. Jacobie Lake is typically iced over from mid-November to mid-May. The property typically experiences around 670mm of annual precipitation.

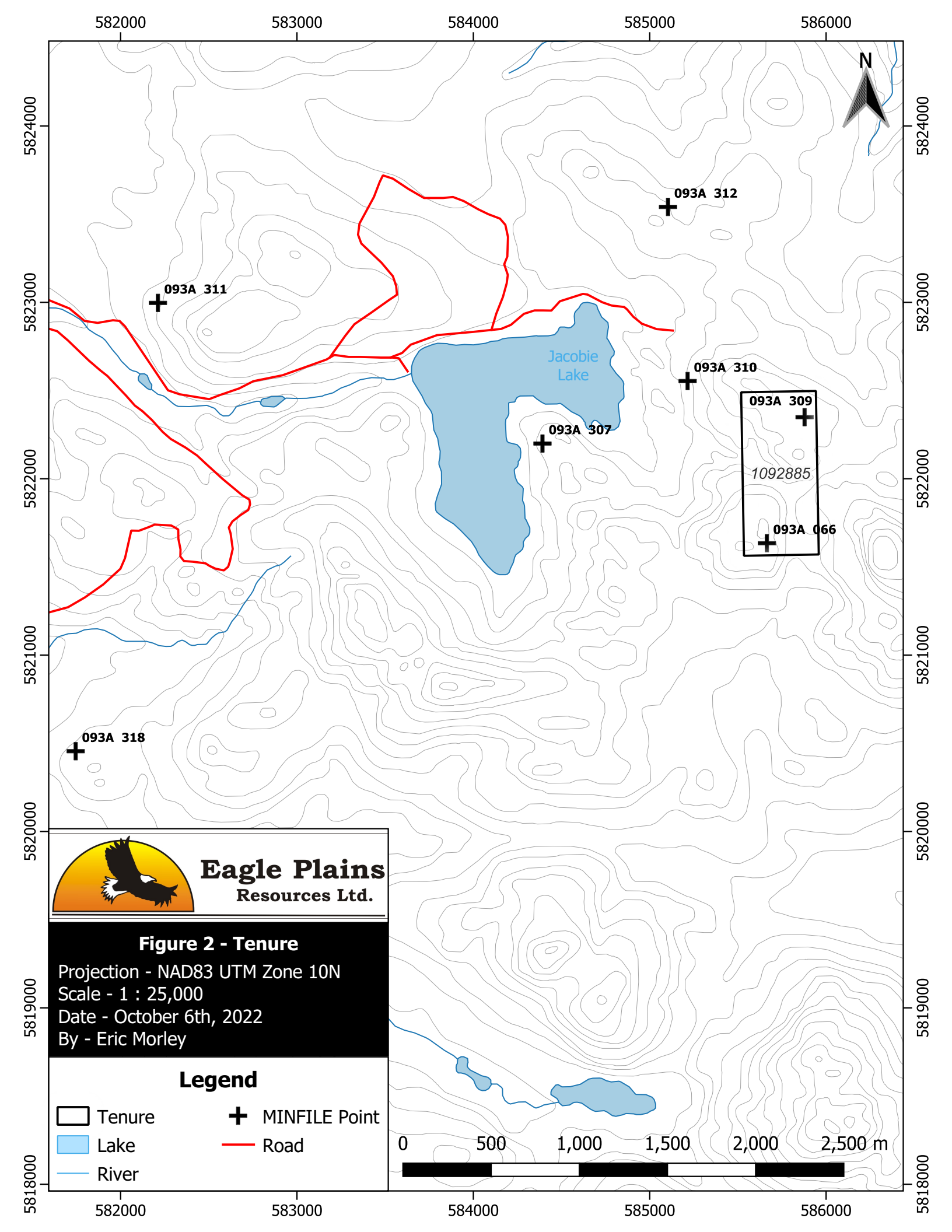
1.3 Dispositions and Owners/Joint Ventures

The property is comprised of 1 claim that was staked in February, 2022. The tenure totals 39.324 ha and is 100 % owned by Eagle Plains Resources Ltd. (Table 1; Figure 2).

Table 1: Tenure Summary

Tenure Number	Claim Name	Owner	Issue Date	Good To Date	Status	Area (ha)
1092885	JACOBIE	EAGLE PLAINS RESOURCES LTD.	2022-02-01	2023-01-27	GOOD	39.324


540000
550000
560000
570000
580000
5830000
5820000
5810000
5800000
5790000
5780000
5770000
N
Mt. Polley West
Claim 1092885
Property
Eagle Plains
Resources Ltd.
Figure 1 - Property Location & Regional Geology
Projection - NAD83 UTM Zone 10N
Scale - 1 : 250,000
Date - October 6th, 2022
By - Eric Morley
Legend
Tenure Outline
Lake
River
City/Town
Roadway
Highway
Street
Geology (1:250,000 British Columbia Geological Survey)
Younger Volcanics
Overlap
Post Accretionary
Cache Creek
Quesnellia
Faults
Williams Lake
150 Mile House
0
5
10
15
20
25 km


582000
583000
584000
585000
586000
5824000
5823000
5822000
5821000
5820000
5819000
5818000
N
093A 312
093A 311
Jacobie Lake
093A 310
093A 309
093A 307
1092885
093A 066
093A 318
Eagle Plains Resources Ltd.
Figure 2 - Tenure
Projection - NAD83 UTM Zone 10N
Scale - 1 : 25,000
Date - October 6th, 2022
By - Eric Morley
Legend
Tenure
Lake
River
MINFILE Point
Road
0
500
1,000
1,500
2,000
2,500 m

2.0 Exploration History

In response to the discovery of the Mount Polley deposit in 1964, exploration work increased in the region as other copper porphyry deposits were sought out. In the mid-1960's, companies including New Jersey Zinc Exploration Co., and Chataway Exploration Co Ltd. conducted a series of geophysical surveys and soil sampling programs. After a period of relative quiescence, exploration work increased in intensity in the early 1980's. E & B Explorations Inc., Pamicon Developments Ltd., James Burdett, and a number of other operators completed soil sampling programs, rock sampling campaigns, and geophysical surveying into the 1990's. During this period, several copper occurrences were discovered on the property. Exploration in the 2000's and 2010's has been comparatively more subdued with mainly smaller soil sampling and geological mapping programs. Table 2 outlines exploration programs conducted in or near the property.

Table 2: Exploration History Summary

Assessment Number	Report Year	Company	Work Completed
00871	1966	New Jersey Zinc Exploration Co.	371 soil samples, 24200 ft of line cutting, and ground magnetic geophysical survey. Scattered Cu anomalous samples and subdued magnetic anomalies
00885	1966	Chataway Exploration Co Ltd.	Soil sampling geochemical survey resulting in the delineation of 6 geochemical anomalies.
04683	1972	Sunshine Valley Minerals Inc.	Geological mapping and soil geochemical sampling.
09603	1981	GAVEX A Resource Corporation Ltd.	Seismic refraction survey covering 4 locations.
12589	1984	E & B Explorations Inc.	50 rock samples, 238 soil samples, and geological mapping with limited anomalous results.
12692	1984	Pearl Resources Ltd.	144 soil samples with a number of anomalous results.
20792	1991	Pamicon Developments Ltd.	38 grab and channel samples were collected. Up to 7.29% Cu was returned from rock sampling.
23549	1994	James Burdett	545 magnetic geophysical survey readings and geological mapping was completed.
25261	1997	James Burdett	11.55 line-km of magnetic and conductivity geophysical surveying.
25960	1999	Globex Mining Entreprises Inc.	5.6 line-km of ground magnetic geophysical surveying, 230m of trenching and chip sampling. Economic grades of copper were returned from chip sampling with up to 7.12% Cu over 5m.
26614	2001	Phelps Dodge Corporation of Canada Ltd.	143 soil samples and 23 rock samples collected result in some economic copper rock samples.
27752	2005	L. Addie	26 till samples were collected with several samples returning over 100 ppb Au.

Assessment Number	Report Year	Company	Work Completed
32283	2011	Eagle Peak Resources Inc.	77 soil samples and 6 rock samples collected with significant grab sample results.
34223	2013	Eagle Peak Resources Inc.	600.1m of diamond drilling over 3 holes returned no significant results.
37266	2018	David Bridge	Limited geological mapping program.
37963	2018	David Bridge	Limited geological mapping program.

3.0 Regional Geology

The property is underlain by the Central Quesnel Belt portion of the Quesnellia terrane, a volcanic island arc which developed to the west of Mesozoic North America during the Upper Triassic to Lower Jurassic. Quesnellia accreted to the Omineca Belt to the east during the Lower Triassic as a result of north-easterly movement of the terrane. The terrane is bound to the east by the Eureka thrust and to the west by the Quesnel fault (Bailey, 1990; Struik, 1983). Metamorphic grade of the Central Quesnel Belt is typically subgreenschist facies. The island arc and associated sedimentary rocks of Quesnellia are intruded by Upper Triassic-Lower Jurassic alkalic intrusions and Cretaceous calcalkalic intrusions. The most dominant phase of folding (F_1), low-angle thrust faulting, and foliation developed as a result of the collision of Quesnellia and North America (Bailey, 1990). Major strike-slip faulting also occurred post-accretion (Bailey, 1990).

The closest major deposit to the property is the Mount Polley Copper-Gold Porphyry Deposit which lies approximately 8km to the east. The magmatic centre is late Triassic in age and extends 6km by 4km. Mineralization occurs in breccias and stockwork veins within the intrusion or in the surrounding country rock (Brown et al., 2016).

4.0 Property Geology

Geology within the property area consists primarily of late Triassic Nicola Group. The Nicola Group consists of mainly sedimentary Middle to early late Triassic rocks overlain by Late Triassic submarine, trachybasaltic volcanics, tuffs, and volcaniclastic breccias (Brown et al., 2016). Kikauka (1999) defined the following common lithologies on the property:

- Trachybasalt, maroon colour, pyroxene-phyric alkali basalt pillow lava and breccia
- Trachybasalt, grey-green colour, pyroxene-phyric alkali basalt pillow lava and breccia
- Mafic grey-maroon polylithic breccia
- Felsite, with carbonate-ankerite-limonite-sericite

Rare, pinkish quartz porphyry dykes intrude the aforementioned units (Fox, 2011).

Carbonate alteration is common on the property as pervasive impregnations, veinlets, and amygdules. Less common epidote and chlorite alteration has also been observed by workers (Kikauka, 1999).

Two mineral occurrences underlie the tenure (Table 2). Volcanic rocks at these occurrences host malachite, chalcocite, covellite, cuprite, azurite, chrysocolla, and native copper as disseminations, fracture-fill, and amygdaloidal material (Flower, 2016). These occurrences are currently interpreted as volcanic redbed-style copper mineralization as simple copper mineral assemblages are hosted in oxidized subaerial volcanic rocks. Table 3 summaries the two mineral occurrences underlying the property.

Table 3: Mineral Occurrences Summary

MINFILE Number	MINFILE Name	Status	Deposit Type	Notes
093A 066	JACOBIE	Showing	Volcanic Redbed Cu	Chalcocite, covellite, cuprite, malachite, azurite, chrysocolla, and native copper as disseminations, fracture fillings and in amygdules. In 1999, a trench sample returned 1.12% Cu over 35m.
093A 309	JC1	Showing	Volcanic Redbed Cu	Chalcocite, covellite, cuprite, malachite, azurite, chrysocolla, and native copper as disseminations, fracture fillings and in amygdules. In 1990, two grab samples returned 4.23% and 6.52% Cu.

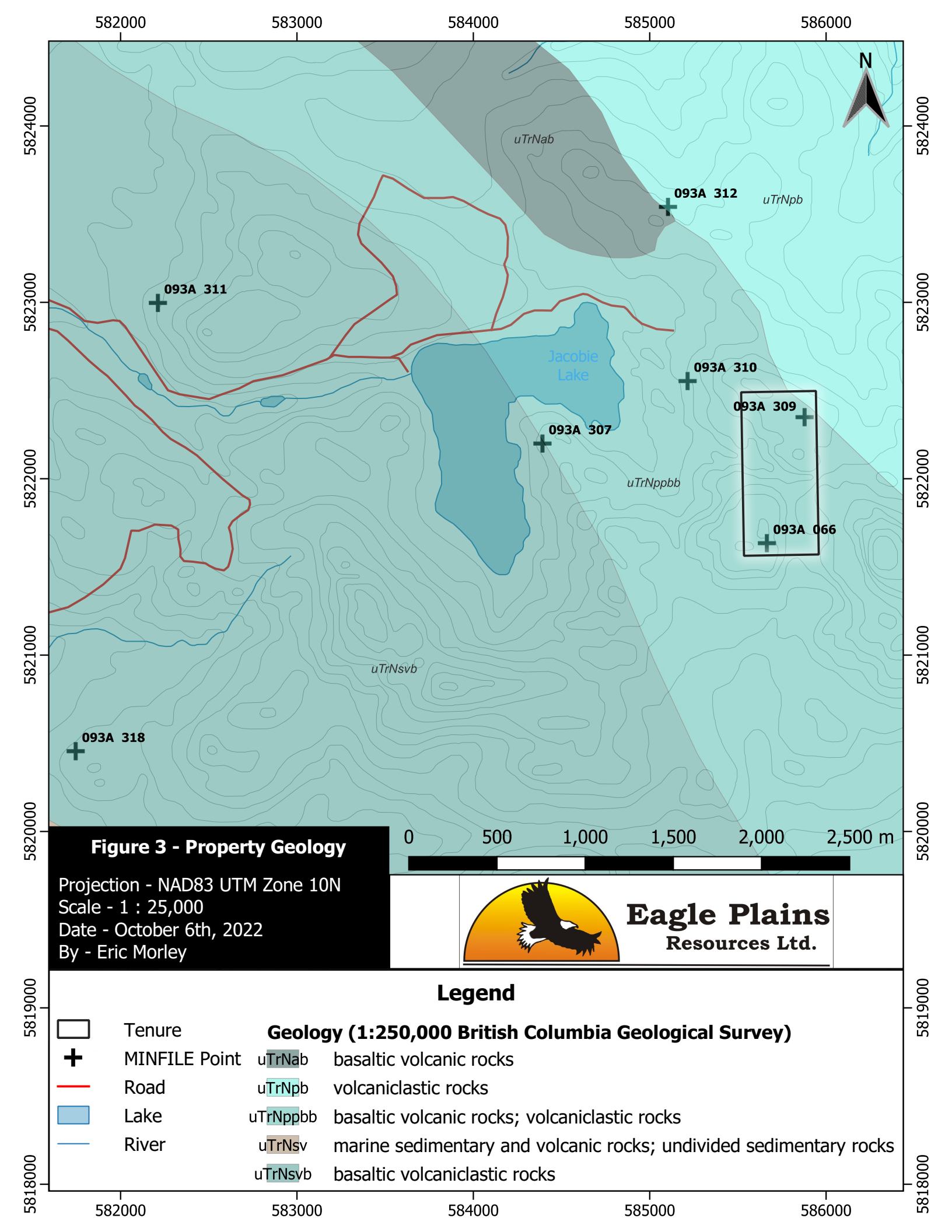


Figure 3 - Property Geology

Projection - NAD83 UTM Zone 10N
Scale - 1 : 25,000
Date - October 6th, 2022
By - Eric Morley

Eagle Plains Resources Ltd.

Legend

Tenure
MINFILE Point
Road
Lake
River

Geology (1:250,000 British Columbia Geological Survey)

uTrNab	basaltic volcanic rocks
uTrNpb	volcaniclastic rocks
uTrNppbb	basaltic volcanic rocks; volcaniclastic rocks
uTrNsv	marine sedimentary and volcanic rocks; undivided sedimentary rocks
uTrNsvb	basaltic volcaniclastic rocks

5.0 2022 Field Program

On July 21st, 2022, a 2-person team from TerraLogic Exploration Inc. completed a field program consisting of soil sampling, geological mapping, and rock sampling. The crew of 2 TerraLogic employees included Eric Morley – Project Geologist and Jakob Mozill – Geotechnician (½ day on July 21st). The crew accessed the property via Likely Road and Jacobie Lake Forestry Road from Williams Lake, B. One soil sampling line was planned across the property in a NNE-SSW orientation with 25m sample spacing. The line was planned roughly perpendicular to ice flow direction and interpreted stratigraphy. Geological mapping and rock sampling objectives included confirming mineralization at historic showings and inspecting roadcuts along newer logging roads to identify new zones of mineralization.

Table 4: Work Completed in 2022 by Disposition

Tenure Number	# Soil Samples	# Rock Samples	# Geostations
1092885	20	7	7
Total	20	7	7

6.0 2022 Field Program Results

6.1 Soil Geochemical Results

Soil geochemistry results are presented in Figure 5 while summary statistics are presented in Table 5. Cut-off values for the symbology on geochemistry maps were determined by calculating the 75th, 90th, 95th, and 98th percentiles of a given element from the 2022 data. Geochemical protocol is outlined in Appendix III, soil locations with associated analytical data is found in Appendix IV, and analytical certificates are located in Appendix V.

Table 5: Summary Statistics for 2022 Soil Samples

							Percentile			
Element	**Count**	**Min**	**Max**	**Mean**	**Median**	**St. Dev.**	**75th**	**90th**	**95th**	**98th**
Ag (ppm)	20	0.04	0.21	0.08	0.07	0.04	0.08	0.13	0.17	0.19
Au (ppb)	20	0.7	31.8	5.6	1.7	9.1	3.1	13.4	29.9	31.0
Cu (ppm)	20	26.7	122.0	47.1	38.6	23.6	52.9	66.4	93.8	110.7
Pb (ppm)	20	3.8	7.6	5.2	5.1	0.9	5.3	6.0	6.9	7.3
Zn (ppm)	20	41.0	83.0	62.8	61.5	11.7	71.5	76.5	81.1	82.2

The soil line completed in 2022 returned a highest Cu result of 122 ppm Cu (sample MPL004 04+25S). Although no extensive, obvious trends were identified, the soil line did return several

anomalous samples. The southern end and the centre of the line returned two clusters of anomalous samples. The anomalous grouping of samples at the southern end of the line is proximal to the Jacobie showing (093A 066), however the limited nature of the soiling program precludes identifying a trend or extent to the anomaly. The soil quality on this grid was generally good with a typically well-developed B-horizon.

6.2 Geological Mapping and Rock Sampling Results

Geological mapping results are presented in Figure 4 and rock sampling results are presented in Figure 5. Summary statistics for rock samples are presented in Table 6 and cut-off values for the symbology on geochemistry maps were determined by calculating the 75th and 90th percentiles of a given element from the 2022 data. Geochemical protocol is outlined in Appendix III, rock and geostation locations with associated analytical data is found in Appendix IV, and analytical certificates are located in Appendix V.

Table 6: Summary Statistics for 2022 Rock Samples

							Percentile	
Element	**Count**	**Min**	**Max**	**Mean**	**Median**	**St. Dev.**	**75th**	**90th**
Ag (ppm)	7	0.01	0.33	0.11	0.08	0.11	0.13	0.22
Au (ppb)	7	2.5	10.0	6.3	6.0	3.1	8.5	10.0
Cu (ppm)	7	47.9	1595.0	432.9	199.0	555.1	496.5	1039.4
Pb (ppm)	7	2.4	7.7	5.5	7.2	2.6	7.6	7.6
Zn (ppm)	7	64.0	109.0	92.7	102.0	17.5	105.0	106.6

The majority of geological mapping was performed in the vicinity of the Jacobie (093A 066) and JC1 (093A 309) showings in an effort to confirm location and mineralization at those occurrences as well as map the surrounding area to identify extensions of mineralization. Outcrop on the southern end of the property is limited to roadcuts and old trenches while several steeper hills on the northern portion of the property produce decent outcrop exposure.

The most common lithology on the property is maroon to dark green trachyte with variable vesicular to amygdaloidal textures. Carbonate alteration as fracture-filling material, veinlets, amygdules, and pervasive replacement is common in this lithology. Very occasional, pinkish-white quartz-feldspar dykes intrude the aforementioned lithologies.

In 2022, workers primarily observed copper mineralization near the Jacobie showing. Mineralization consists of cuprite, malachite, azurite, and chalcocite filling vugs and amygdules in carbonate-altered trachyte. Rock samples collected in 2022 from the Jacobie showing returned

up to 1595 ppm Cu (sample EMMPR007). Rock samples collected on other portions of the property returned less anomalous copper results.

585400 585600 585800 586000

5822400 5822200 5822000 5821800 5821600

N

uTrNpb

093A 309

EMMPG014

EMMPG016

EMMPG015

uTrNppbb

093A 066

EMMPG010

EMMPG013 59

52

61

EMMPG012

EMMPG011

0 50 100 150 200 250 m

Eagle Plains Resources Ltd.

Figure 4 - 2022 Geological Mapping Results

Projection - NAD83 UTM Zone 10N
Scale - 1 : 2,500
Date - October 7th, 2022
By - Eric Morley

Legend

- Tenure Outline
- MINFILE Point
- Mapping Traverse

2022 Geologic Station - Lithology

- felsite
- trachyte
- undefined

2022 Geology Polygon - Lithology

- felsite
- trachyte

2022 Geology Station - Structures

- contact - lithologic
- contact - mineralization
- veinlet (<10cm)

BC_bedrock_alb

- uTrNpb volcaniclastic rocks
- uTrNppbb basaltic volcanic rocks; volcaniclastic rocks

585400 585600 585800 586000

5822400 5822200 5822000 5821800 5821600 5821400

N

uTrNpb

093A 309

Jacobie Lake

EMMPR010, 59, 64

EMMPR009, 47.9, 74

MPL004 00+00, 51.9, 49

MPL004 00+25S, 34.5, 41

MPL004 00+50S, 44.7, 49

MPL004 00+75S, 30.9, 55

MPL004 01+00S, 28.7, 63

EMMPR011, 136.5, 90

MPL004 02+25S, 26.7, 50

MPL004 02+75S, 92.3, 60

MPL004 03+00S, 63.5, 73

uTrNppbb

MPL004 03+50S, 41.7, 53

MPL004 03+75S, 35.5, 83

MPL004 04+00S, 49.7, 59

MPL004 04+25S, 122, 74

MPL004 04+50S, 33.9, 71

MPL004 04+75S, 46.3, 59

MPL004 05+00S, 28.3, 66

MPL004 05+25S, 30.2, 71

MPL004 05+75S, 34.7, 67

MPL004 06+00S, 33.6, 55

MPL004 06+50S, 56.9, 81

MPL004 06+75S, 55.9, 76

093A 066

EMMPR005, 324, 105

EMMPR006, 199, 102

EMMPR008, 669, 105

EMMPR007, 1595, 109

0 100 200 300 400 500 m

Eagle Plains Resources Ltd.

Figure 5 - 2022 Rock & Soil Gochemical Results

Projection - NAD83 UTM Zone 10N
Scale - 1 : 1,500
Date - October 7th, 2022
By - Eric Morley

Legend

- Tenure
- MINFILE Point

2022 Rock Sample - Cu (ppm), [Zn (ppm) as second label]

- < 497
- 497 - 1039
- > 1039

2022 Soil Sample - Cu (ppm), [Zn (ppm) as second label]

- < 52.9
- 52.9 - 66.4
- 66.4 - 93.8
- > 110.7

Geology (1:250,000 British Columbia Geological Survey)

- uTrNpb volcaniclastic rocks
- uTrNppbb basaltic volcanic rocks; volcaniclastic rocks

7.0 Discussion and Interpretation

The 2022 exploration program conducted on the Mt Polley West (Claim 1092885) property confirmed the potential of the area for volcanic redbed-style copper mineralization.

Soil sampling conducted on the property produced several zones of anomalous copper-in-soil values with a highest result of 122 ppm Cu (sample MPL004 04+25S). A grouping of anomalies on the southern end of the line seems to correlate roughly with the historic Jacobie showing (093A 066). The scope of the 2022 soil sampling campaign was too limited to fully define anomalous areas and continued soil sampling or compilation of historic results will be necessary to better delineate zones of increased copper-in-soil. The trends produced in 2022 data seem to suggest that anomalous zones do reflect proximal bedrock sources rather than glacial dispersal of copper from distal sources.

Rock sampling and geological mapping did identify zones of significant copper mineralization with a highest assay result of 1595 ppm Cu (sample EMMPR007) despite limited program scope. The 2022 rock sampling program did not return the same high-grade copper results that have been reported in the past at the Jacobie showing with up to 7.29% Cu in grab samples (Montgomery, 1991). However, extensive copper mineralization was observed in the infill material within the historic trench and higher-grade rock may not be currently exposed. Non-significant results were returned from the JC1 showing, however limited time precluded in-depth mapping and sampling of the area. Future programs may need to rely on mechanical excavation to uncover historic and new copper showings on the property.

Thus far, copper mineralization on the property has been observed to be associated with carbonate altered trachytes and is described as redbed-style copper mineralization where metalliferous brines travel in faults/fracture zones to favourable, oxidized volcanic rocks leading to mineralization (Kirkham, 1996). It is worth noting that the nearby Mount Polley and QR deposits are related to alkalic intrusions where mineralization occurs proximal to the contact between the intrusives and surrounding country rock. The trachyte-hosted copper mineralization, intrusive dykes, and favourable magnetic anomaly present on the Mt Polley West (Claim 1092885) property could be indicative of a buried alkalic intrusion that may host more significant porphyry-style copper mineralization.

8.0 Conclusions and Recommendations

In 2022, TerraLogic Exploration Inc. conducted a field program at the Mt Polley West (Claim 1092885) property on behalf of Eagle Plains Resources Ltd. which included soil sampling, rock sampling, and geological mapping. Over the course of the 1-day program, 20 soil samples, 7 rock samples, and 7 geostations were collected. Exploration activity focused mainly on the historic Jacobie (093A 066) and JC1 (093A 309) showings.

Work in 2022 confirmed noteworthy copper mineralization on the property present as cuprite, malachite, azurite, and chalcocite filling vugs and amygdules in carbonate-altered trachyte.

Showings on the property have been interpreted as volcanic redbed-style mineralization or extensions of buried porphyry-style mineralization. In 2022, soil sampling assay results returned up to 122 ppb Cu and rock sampling results returned up to 1595 ppb Cu. The results of the 2022 program confirms that the Mt Polley West (Claim 1092885) property is prospective for significant copper mineralization.

Advancing the Mt Polley West property (Claim 1092885) and vectoring to copper mineralization could be achieved through a combination of continued desktop work, soil sampling, trenching, and diamond drilling. Specific recommendations are as follows:

- Compilation work to collect and organize the historical data concerning the property. With 60 years of work and several extensive programs, a considerable dataset already exists for the property, but needs to be compiled into a single database for effective use. Planning for future work will be aided considerably by review of historic data.
- Expansion of the 2022 soil grid to better delineate anomalous copper trends near the Jacobie and JC1 showings.
- Mechanical trenching and channel sampling at historic showings and zones with anomalous copper-in-soil results. Outcrop coverage is poor on the property, but trenching has been used effectively in the past to uncover mineralized rock. Mapping of washed trenches may allow for the observation of structural data that could be an important control for mineralization. Trenching would also de-risk future diamond drilling campaigns.
- Diamond drilling at the Jacobie showing to intersect historically reported 1.12% Cu over 35m and 7.29% Cu in grab sample.

9.0 References

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Mt Polley West Property (Claim 1092885)

Volume I: Appendices

2022 Geochemical and Geological Program

Claims: 1091465, 1091528, 1091544, 1091584,1091612, 1091690, and 1094477

Centre of Work

UTM Zone 10N 0583748 mE, 5822116 mN (NAD83)

52° 32’ 34” N, 121° 45’ 54” W

(NTS 093A12)

Cariboo Mining Division

Prepared for:
Eagle Plains Resources Ltd.
Suite 200, 44-12th Ave. S.
Cranbrook, BC, V1C 2R7

By:
Eric Morley, B.Sc.

Terralogic Exploration Inc.
Suite 200, 44-12th Ave. S.
Cranbrook, BC, V1C 2R7

January 20th, 2023

Appendix I: Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Eric C. Morley, in the city of Calgary in the Province of Alberta hereby certify that:

1. I am currently employed as a Project Geologist with TerraLogic Exploration Inc. with business address: Suite 200, 44-12th Avenue South, Cranbrook, BC, V1C 2R7.
2. I am a graduate of the University of Calgary with a degree of Bachelor of Science (Honours) in Geology.
3. I have been working in the mineral exploration industry for 5 years following my graduation.
4. This report, authored by myself, is based on personal examination of all available company and government reports pertinent to the Mt Polley West Property (Claim 1092885).
5. I participated and completed field work on the 2022 exploration program at the Mt Polley West Property (Claim 1092885).

Dated this 20th day of January, 2023, in Calgary, Alberta.

SIGNATURE
Eric C. Morley, B.Sc.

Appendix II – Statement of Expenditures

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position		**Days**	**Rate**	**Subtotal***	
Evan Ellis, Geotechnician	TerraLogic Exploration Inc.	0.24	$550.00	$132.00	
Elizabeth Hemlin, Junior Geologist	TerraLogic Exploration Inc.	0.12	$550.00	$66.00	
Eric Morley, Project Geologist	TerraLogic Exploration Inc.	1.12	$725.00	$812.00	
Jakob Mozill, Geotechnician	TerraLogic Exploration Inc.	0.62	$525.00	$325.50	
				$1,335.50	**$1,335.50**
Office Studies	**List Personnel (note - Office only, do not include field days**	**Hours**	**Rate**	**Subtotal**	
Database Management	Vanessa Beach, Geologist	0.5	$93.00	$46.50	
Report Preparation	Eric Morley, Project Geologist	9.0	$87.00	$783.00	
				$829.50	**$829.50**
Geochemical Surveying	**Number of Samples**			**Subtotal**	
Soil (ALS Laboratories)	20 rock samples for multi-element analysis			$ 687.17	
Rock (ALS Laboratories)	7 rock samples for multi-element analysis & fire assay			$421.37	
				$1,108.54	**$1,108.54**
Transportation				**Subtotal**	
Airfare	Various Airlines			$99.63	
Taxi				$6.89	
Fuel	For Trucks			$133.04	
				$239.56	**$239.56**
Accommodation & Food	**Rates per day**				
Hotel	Sandman Hotel in Williams Lake / Hotels while travelling			$263.82	
Meals	Various restaurants and groceries			$86.89	
				$350.71	**$350.71**
Equipment Rentals					
TerraLogic Exploration Equipment Rentals	Truck, trailer, field kit, computers, radio, Garmin Inreach, etc.			$520.04	
				$520.04	**$520.04**
Miscellaneous					
Safety Equipment	EpiPen			$4.14	
TerraLogic Exploration Handling & Disbursment				$255.45	
				$259.59	**$259.59**
	TOTAL Expenditures				**$4,643.44**

Appendix III – Geochemical Protocol & Methodology

3.1 TerraLogic Exploration Sampling Protocol

Soil Sampling

Soil samplers conducted soil sampling traverses along specific predetermined grid lines oriented perpendicular to interpreted mineralized trend using a handheld GPS and a compass for navigation. Samples were collected using either a Dutch auger or a geotool. Wherever possible, the soil samples were collected from the B-horizon of the soil profile or a layer below organic material if B-horizon could not be reached. Where there was significant thicknesses of organic material and mineral soil could not be accessed, no sample was collected. All of the sampling data was recorded in an app developed by TerraLogic Exploration Inc. on ruggedized Android phones. A variety of data was collected for each sample including sample size, quality, depth, slope, the presence of organic matter, soil horizon, and colour. Photos were also taken of each soil sample. At the end of each field day, the sampling data and soil photos were downloaded from the Androids and imported into a geochemical database where any sampling discrepancies could be identified and fixed.

All of the samples were laid out and sample numbers were compared to those from the Androids. Samples with damaged bags or unclear labels were re-labeled and put back into order. The samples were then placed into rice bags labeled with shipment number and shipping/receiving addresses. At the end of the program, the samples were dropped off at ALS Geochemistry at 2953 Shuswap Rd, Kamloops, BC V2H 1S9 for preparation. Samples were later transported to ALS Global - Geochemistry Analytical Lab at 2103 Dollarton Highway, North Vancouver, BC V7H 0A7, for processing.

Soil samples were prepared (PREP-41), before undergoing analysis for 51 elements by inductively coupled plasma mass spectrometry (ME-MS41) and an aqua regia digest followed by analysis for gold by inductively coupled plasma mass spectrometry (Au-ST43).

Rock Samples

Rocks were collected from outcrop with a rock hammer or geotool as grab samples for assay. Samples were recorded as a rock sample with an assigned geostation using both an app developed by Terralogic Exploration Inc. on ruggedized Android phones and a field notebook with spatial locations. A variety of attributes were noted including major rock type, minor rock type, colour-fresh, colour-weathered, texture, grain size, mineralization, structure, and alteration. Photos were also taken of each rock sample. Once back in camp, the sample notes were entered into a database using Microsoft Access. The samples were then laid out and compared to the entries in the Access database to avoid any mistakes or discrepancies. The samples were then sorted, loaded into rice bags labeled with a shipment number, shipment address, and return address. At the end of the program, the samples were dropped off at ALS Environmental at ALS Geochemistry at 2953 Shuswap Rd, Kamloops, BC V2H 1S9 for preparation. Samples were later transported to ALS Global - Geochemistry Analytical Lab at 2103 Dollarton Highway, North Vancouver, BC V7H 0A7, for processing.

Rock samples collected for assay were prepared (PREP-31H) before undergoing 4-acid digest and analysis by inductively coupled plasma mass spectrometry for 48 elements (ME-MS61). Gold concentration was analysed by 30g fire assay with atomic absorption finish (Au-AA23).

3.2 ALS Analytical Protocol

PREP-31H
Standard Sample Preparation: Dry, Crush, Split and Pulverize (500g)

Sample preparation is the most critical step in the entire laboratory operation. The purpose of preparation is to produce a homogeneous analytical sub-sample that is fully representative of the material submitted to the laboratory.

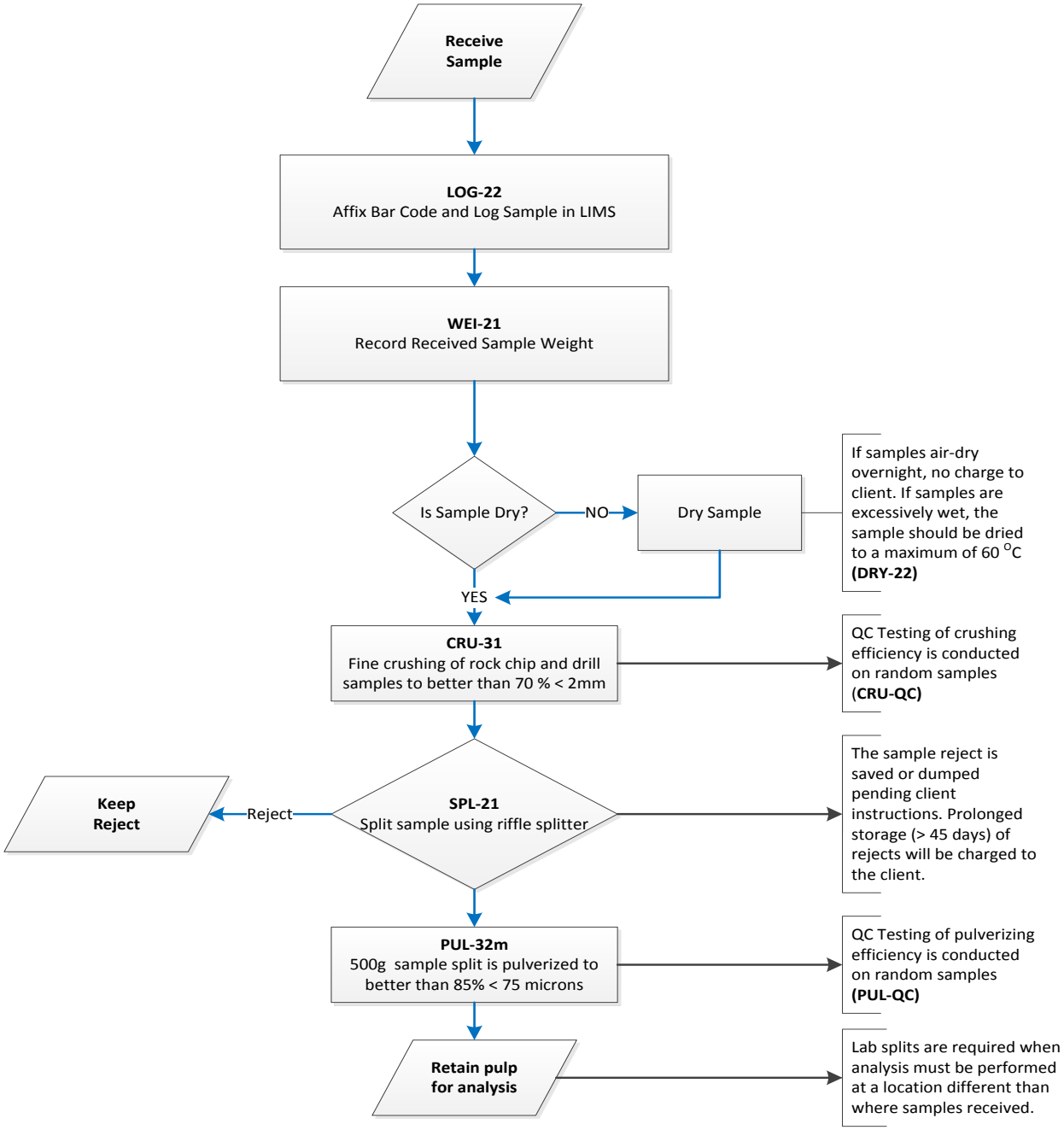
The sample is logged in the tracking system, weighed, dried and finely crushed to better than 70 % passing a 2 mm (Tyler 9 mesh, US Std. No.10) screen. A 500g split is taken and pulverized to better than 85 % passing a 75 micron (Tyler 200 mesh, US Std. No. 200) screen. This method is appropriate for rock chip or drill samples.

Method Code	Description
LOG-22	Sample is logged in tracking system and a bar code label is attached.
CRU-31	Fine crushing of rock chip and drill samples to better than 70 % of the sample passing 2 mm.
SPL-21	Split sample using riffle splitter.
PUL-32m	A 500g sample split is pulverized to better than 85 % of the sample passing 75 microns.

Flow Chart -

Sample Preparation Package – PREP-31H

Standard Sample Preparation: Dry, Crush, Split and Pulverize (500g)



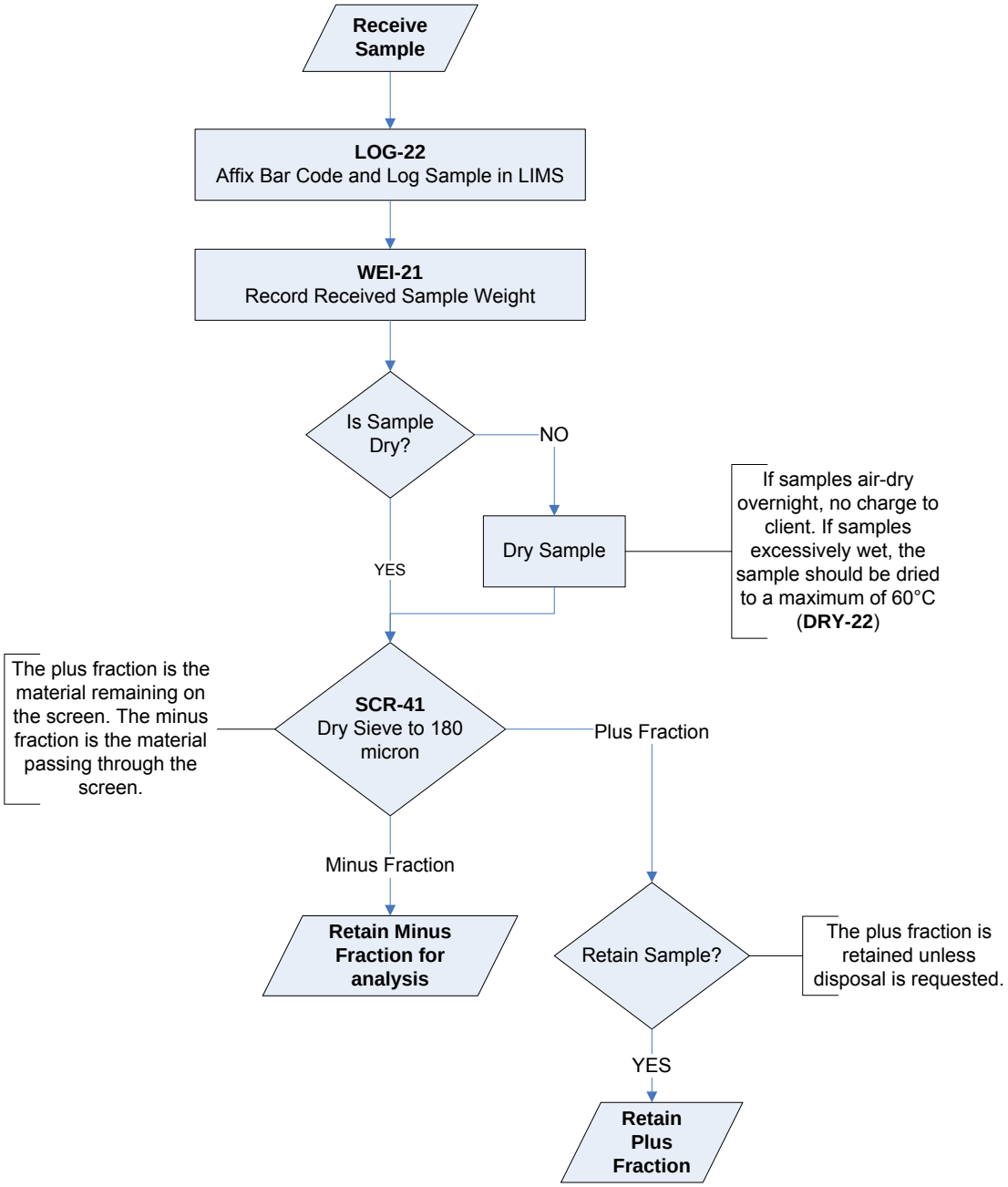
PREP-41
Standard Preparation: Dry sample and dry-sieve to -180 micron

Sample preparation is the most critical step in the entire laboratory operation. The purpose of preparation is to produce a homogeneous analytical sub-sample that is fully representative of the material submitted to the laboratory.

An entire sample is dried and then dry-sieved using a 180 micron (Tyler 80 mesh) screen. The plus fraction is retained unless disposal is requested. This method is appropriate for soil or sediment samples up to 1 kg in weight.

Method Code	Description
LOG-22	Sample is logged in tracking system and a bar code label is attached.
SCR-41	Sample is dry-sieved to – 180 micron and both the plus and minus fractions are retained.

Sample Preparation Flowchart Package –PREP-41



Au-AA23 & Au-AA24 – Fire Assay Fusion, AAS Finish

Sample Decomposition:

Fire Assay Fusion (FA-FUS01 & FA-FUS02)

Analytical Method:

Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven, 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

List of Reportable Analytes:

Method Code	Element	Symbol	Units	Sample Weight (g)	Lower Limit	Upper Limit	Default Overlimit Method
Au-AA23	Gold	Au	ppm	30	0.005	10.0	Au-GRA21
Au-AA24	Gold	Au	ppm	50	0.005	10.0	Au-GRA22

Au-ST43 & Au-ST44

Determination of Ultra Trace Level Gold by Aqua Regia Digestion – ICP-MS Finish

Sample Decomposition:

Aqua regia gold digestion (GEO-AuAR01/02)

Analytical Method:

Inductively Coupled Plasma – Mass Spectrometry (ICP-MS)

A sample (25 – 50 g) is digested in a mixture of 3 parts hydrochloric acid and 1 part nitric acid (aqua regia). This acid mixture generates nascent chlorine and nitrosyl chloride, which will dissolve free gold and gold compounds such as calaverite ($AuTe_2$).

Digestion of each sample is performed in individual disposable HDPE bottles to eliminate the probability of contamination.

Gold is determined by ICP-MS directly from the digestion liquor. The AuME-ST43 and AuME-ST44 super trace methods offer the lowest detection limits for gold and multi-element available. Analysis via ICP-MS instrumentation utilizing collision/reaction cell technologies provide these super trace detection limits.

Note: Samples high in sulphide or carbon content may lead to low gold recoveries unless they are roasted prior to digestion.

Method	Element	Sample Mass	Units	Lower Limit	Upper Limit
Au-ST43	Gold (Au)	25g	ppm	0.0001	0.1
Au-ST44	Gold (Au)	50g	ppm	0.0001	0.1

ME-MS41: Ultra-Trace Level Method Using ICP MS and ICP-AES

Sample Decomposition:

Aqua Regia Digestion (GEO-AR01)

Analytical Method:

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP-AES)
Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.50 g) is digested with aqua regia in a graphite heating block. After cooling, the resulting solution is diluted to with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, silver and tungsten and diluted accordingly. Samples are then analysed by ICP-MS for the remaining suite of elements. The analytical results are corrected for inter element spectral interferences.

List of Reportable Analytes:

Analyte	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.01	100
Aluminum	Al	%	0.01	25
Arsenic	As	ppm	0.1	10,000
Gold	Au	ppm	0.02	25
Boron	B	ppm	10	10,000
Barium	Ba	ppm	10	10,000
Beryllium	Be	ppm	0.05	1,000
Bismuth	Bi	ppm	0.01	10,000
Calcium	Ca	%	0.01	25
Cadmium	Cd	ppm	0.01	1,000
Cerium	Ce	ppm	0.02	500
Cobalt	Co	ppm	0.1	10,000
Chromium	Cr	ppm	1	10,000
Cesium	Cs	ppm	0.05	500
Copper	Cu	ppm	0.2	10,000
Iron	Fe	%	0.01	50
Gallium	Ga	ppm	0.05	10,000
Germanium	Ge	ppm	0.05	500
Hafnium	Hf	ppm	0.02	500
Mercury	Hg	ppm	0.01	10,000
Indium	In	ppm	0.005	500
Potassium	K	%	0.01	10
Lanthanum	La	ppm	0.2	10,000
Lithium	Li	ppm	0.1	10,000
Magnesium	Mg	%	0.01	25
Manganese	Mn	ppm	5	50,000
Molybdenum	Mo	ppm	0.05	10,000
Sodium	Na	%	0.01	10
Niobium	Nb	ppm	0.05	500
Nickel	Ni	ppm	0.2	10,000

Analyte	Symbol	Units	Lower Limit	Upper Limit
Phosphorus	P	ppm	10	10,000
Lead	Pb	ppm	0.2	10,000
Rubidium	Rb	ppm	0.1	10,000
Rhenium	Re	ppm	0.001	50
Sulphur	S	%	0.01	10
Antimony	Sb	ppm	0.05	10,000
Scandium	Sc	ppm	0.1	10,000
Selenium	Se	ppm	0.2	1,000
Tin	Sn	ppm	0.2	500
Strontium	Sr	ppm	0.2	10,000
Tantalum	Ta	ppm	0.01	500
Tellurium	Te	ppm	0.01	500
Thorium	Th	ppm	0.2	10,000
Titanium	Ti	%	0.005	10
Thallium	Tl	ppm	0.02	10,000
Uranium	U	ppm	0.05	10,000
Vanadium	V	ppm	1	10,000
Tungsten	W	ppm	0.05	10,000
Yttrium	Y	ppm	0.05	500
Zinc	Zn	ppm	2	10,000
Zirconium	Zr	ppm	0.5	500

***NOTE**: In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.*

ME-MS61: Ultra-Trace Level Method Using ICP MS and ICP-AES

Sample Decomposition:

HF-HNO3-HClO4 acid digestion, HCl leach (GEO-4A01)

Analytical Method:

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP-AES)
Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

The ME-MS61 Ultra Trace method combines a four-acid digestion with ICP-MS instrumentation. A four acid digestion quantitatively dissolves nearly all minerals in the majority of geological materials.

A prepared sample (0.25 g) is digested with perchloric, nitric and hydrofluoric acids. The residue is leached with dilute hydrochloric acid and diluted to volume.

The final solution is then analyzed by inductively coupled plasma-atomic emission spectrometry and inductively coupled plasma-mass spectrometry. Results are corrected for spectral inter-element interferences.

List of Reportable Analytes:

Analyte	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.01	100
Aluminum	Al	%	0.01	50
Arsenic	As	ppm	0.2	10000
Barium	Ba	ppm	10	10000
Beryllium	Be	ppm	0.05	1000
Bismuth	Bi	ppm	0.01	10000
Calcium	Ca	%	0.01	50
Cadmium	Cd	ppm	0.02	1000
Cerium	Ce	ppm	0.01	500
Cobalt	Co	ppm	0.1	10000
Chromium	Cr	ppm	1	10000
Cesium	Cs	ppm	0.05	500
Copper	Cu	ppm	0.2	10000
Iron	Fe	%	0.01	50
Gallium	Ga	ppm	0.05	10000
Germanium	Ge	ppm	0.05	500
Hafnium	Hf	ppm	0.1	500
Indium	In	ppm	0.005	500
Potassium	K	%	0.01	10
Lanthanum	La	ppm	0.5	10000
Lithium	Li	ppm	0.2	10000
Magnesium	Mg	%	0.01	50
Manganese	Mn	ppm	5	100000
Molybdenum	Mo	ppm	0.05	10000
Sodium	Na	%	0.01	10
Niobium	Nb	ppm	0.1	500
Nickel	Ni	ppm	0.2	10000

Analyte	Symbol	Units	Lower Limit	Upper Limit
Phosphorous	P	ppm	10	10000
Lead	Pb	ppm	0.5	10000
Rubidium	Rb	ppm	0.1	10000
Rhenium	Re	ppm	0.002	50
Sulphur	S	%	0.01	10
Antimony	Sb	ppm	0.05	10000
Scandium	Sc	ppm	0.1	10000
Selenium	Se	ppm	1	1000
Tin	Sn	ppm	0.2	500
Strontium	Sr	ppm	0.2	10000
Tantalum	Ta	ppm	0.05	100
Tellurium	Te	ppm	0.05	500
Thorium	Th	ppm	0.01	10000
Titanium	Ti	%	0.005	10
Thallium	Tl	ppm	0.02	10000
Uranium	U	ppm	0.1	10000
Vanadium	V	ppm	1	10000
Tungsten	W	ppm	0.1	10000
Yttrium	Y	ppm	0.1	500
Zinc	Zn	ppm	2	10000
Zirconium	Zr	ppm	0.5	500

NOTE: Four acid digestions are able to dissolve most minerals. However, depending on the sample matrix, not all elements are quantitatively extracted. For example:

- *This digestion may not be complete for minerals such as corundum (Al_2O_3), kyanite (Al_2SiO_5) and more complex silicates such as garnet, staurolite, topaz and tourmaline.*
- *Potassium may bias low due to the formation of the insoluble perchlorate, which may not be completely decomposed during the leaching process.*
- *Low recoveries of Al and Ca may occur if their insoluble fluorides are not completely decomposed during the leaching process.*
- *Scandium may not be fully solubilized and may show lower recovery by this digestion. Sc-ICP06 (Lithium Metaborate Fusion, ICP-AES Finish), a method developed for Scandium, can be used as an alternative for this analyte.*
- *Four acid digestions can also volatilize certain exploration pathfinder elements, in particular mercury. Mercury is better analyzed by an aqua regia digestion and can be added as a package to this analysis (Package: ME-MS61m).*

Appendix IV: Sample Locations and Data

APPENDIX 4: Station

Station	Project	Target Zone	Samples	Location Method	UTM Datum	UTM Zone	Easting (UTM)	Northing (UTM)	Elevation (m)	Loc Accuracy (m)	Elev Accuracy (m)	Locked	Notes	Comp Source	Username	Sample Date
EMMPG010	MP	Mt Polley West		GPS internal	NAD83	10N	585857	5821636	1193	3		FALSE	Fork in old road. would require light cutting to this point but more hwavy cutting to get to trench		EM	2022-07-21
EMMPG011	MP	Mt Polley West		GPS internal	NAD83	10N	585725	5821595	1212	3		FALSE	Outcrop with previous trenching along road.		EM	2022-07-21
EMMPG012	MP	Mt Polley West		GPS internal	NAD83	10N	585708	5821595	1196	3		FALSE	Old trench along old road.		EM	2022-07-21
EMMPG013	MP	Mt Polley West		GPS internal	NAD83	10N	585695	5821611	1197	3		FALSE	Outcrop next to trench.		EM	2022-07-21
EMMPG014	MP	Mt Polley West		GPS internal	NAD83	10N	585873	5822253	1207	3		FALSE	Flat outcrop on hilltop.		EM	2022-07-21
EMMPG015	MP	Mt Polley West		GPS internal	NAD83	10N	585862	5822075	1202	4		FALSE	Tall outcrop above road.		EM	2022-07-21
EMMPG016	MP	Mt Polley West		GPS internal	NAD83	10N	585701	5822055	1166	3		FALSE	Middle of road junction		EM	2022-07-21

APPENDIX 4: Lithology

Station	UTM Zone	Easting (UTM)	Northing (UTM)	Elevation (m)	Lith Num	Outcrop	Lith (pct)	Lith Unit	Lith Major	Lith Minor	Colour Weath	Colour Fresh	Grain Size	Notes
EMMPG011	10N	585725	5821595	1212	1	outcrop			trachyte	crystal tuff	dark red	dark red	medium	Maroon red, trachyte-crystal tuff with chlorite alteration of mafics and pervasive carbonate alterati
EMMPG012	10N	585708	5821595	1196	1	outcrop			trachyte		dark red	dark red	fine	Maroon trachyte to crystal tuff. Float near outcrop contains up to 5% chalcocite and chryscol
EMMPG013	10N	585695	5821611	1197	1	outcrop			trachyte		grey	grey	fine	Pyroxene-phyric, dark grey trachyte
EMMPG014	10N	585873	5822253	1207	1	outcrop			trachyte		dark red	dark red	fine	Maroon red, fg trachyte
EMMPG015	10N	585862	5822075	1202	1	outcrop			trachyte		dark red		fine-medium	Maroon trachyte with brecciated appearance and pervasive carb
EMMPG016	10N	585701	5822055	1166	1	outcrop			felsite		cream	white	fine	Quartz feldspar porphyry felsite with 0.5% dark grey, submetallic crystal (chalocite

APPENDIX 4: Lithology Texture

Station	UTM Zone	Easting (UTM)	Northing (UTM)	Elevation (m)	Lith Num	Texture	Notes
EMMPG016	10N	585701	5822055	1166	1	massive	

APPENDIX 4: Alteration

Station	UTM Zone	Easting (UTM)	Northing (UTM)	Elevation (m)	Alt Num	Assemblage	Generation	Process	Texture	Distribution	Intensity	Notes
EMMPG011	10N	585725	5821595	1212	1					pervasive		Chlorite alteration of mafics and pervasive carbonate alteration

APPENDIX 4: Alteration Mineralogy

Station	UTM Zone	Easting (UTM)	Northing (UTM)	Elevation (m)	Alt Num	Mineral	Intensity	Texture	Notes
EMMPG011	10N	585725	5821595	1212	1	chlorite	2	selective	
EMMPG011	10N	585725	5821595	1212	1	carbonate	3	pervasive	

APPENDIX 4: Mineralization

Station	UTM Zone	Easting (UTM)	Northing (UTM)	Elevation (m)	Min Num	Code	Habit	Notes	Oxidation
EMMPG012	10N	585708	5821595	1196	1		nodular	Chalcocite and chrysocolla infulling vugs, vesicles locally	
EMMPG016	10N	585701	5822055	1166	1		disseminated	Possible chalcocite dissem 0.5%	

APPENDIX 4: Mineralization Detail

Station	UTM Zone	Easting (UTM)	Northing (UTM)	Elevation (m)	Min Num	Mineral	Percent	Grain Size	Habit	Notes
EMMPG012	10N	585708	5821595	1196	1	chrysocolla	0.1	fine-medium	nodular	
EMMPG012	10N	585708	5821595	1196	1	chalcocite	0.1	fine	blebby	
EMMPG016	10N	585701	5822055	1166	1	chalcocite	0.5	fine-medium	disseminated	

APPENDIX 4: Structure

Station	UTM Zone	Easting (UTM)	Northing (UTM)	Elevation (m)	Struc Num	Structure Type	Deform Phase	Azimuth	Dip	Trend	Plunge	Sense	Width (m)	Quality	Plot	Notes
EMMPG012	10N	585708	5821595	1196	1	veinlet (<10cm)		255	61						TRUE	General trend of anastomosing qtz veinlets.
EMMPG013	10N	585695	5821611	1197	2	contact - mineralization		244	59						TRUE	Vuggy veinlet with epidote alteration.
EMMPG013	10N	585695	5821611	1197	1	contact - lithologic		270	52						TRUE	Contact between dark grey and maroon trachyte.

APPENDIX 4: Rock

Sample	Project	Sampler	Sample Date	UTM Zone	E (UTM)	N (UTM)	Loc Method	Accuracy (m)	Elev (m)	Elev Method	Sample Type	Purpose	Channel Length (m)	Channel Azimuth	Channel Inclination	Lith Major	Lith Minor	Colour Weathered	Colour Fresh	Grainsize	Texture	Mineralized	Altered	Is Vein	Least Altered	Mass (kg)	Status	Shipment	Bucket	Notes	Source
EMMPR005	MP	EM	2022-07-21	10N	585700	5821609	GPS interna	3	1198	GPS interna	grab	assay				trachyte		64 66 78	90 81 84	fine-medium	phenocryst	TRUE	TRUE	TRUE	FALSE	1	complete	MP22-002	2	Dark grey, fg, pyx-phyric trachyte with thin discontinuous quartz veinlets. veinlets contain 0.5% chalcocite and trace covell	
EMMPR006	MP	EM	2022-07-21	10N	585713	5821600	GPS interna	3	1195	GPS interna	grab	assay				trachyte		71 71 79	88 80 67	fine	brecciated	FALSE	TRUE	FALSE	FALSE	1	complete	MP22-002	2	Intensely carbonate altered maroon red trachyt	
EMMPR007	MP	EM	2022-07-21	10N	585699	5821586	GPS interna	3	1189	GPS interna	grab	assay				trachyte		69 58 54	48 38 36	fine-medium	amygdaloidal	TRUE	TRUE	TRUE	FALSE	1	complete	MP22-002	2	Maroon red, fg, trachyte with quartz veinlets and amygdules. 1% infilling chalcocite, chrysocolla, and covellI	
EMMPR008	MP	EM	2022-07-21	10N	585687	5821597	GPS interna	3	1210	GPS interna	grab	assay				trachyte		127 129 150	86 89 108	fine-medium	amygduloida	TRUE	TRUE	TRUE	FALSE	1	complete	MP22-002	2	Dark grey trachyte with discontinuous quartz filling vug. Epidote-chl alt in vug with 0.3% covell	
EMMPR009	MP	EM	2022-07-21	10N	585683	5822241	GPS interna	3	1199	GPS interna	grab	assay				trachyte		142 127 132	88 69 75	fine	phenocryst	TRUE	FALSE	FALSE	FALSE	1	complete	MP22-002	2	Dark grey trachyte with 0.3% deep red cuprite	
EMMPR010	MP	EM	2022-07-21	10N	585852	5822255	GPS interna	3	1200	GPS interna	grab	assay				trachyte		97 65 54	120 88 91	very fine	massive	TRUE	FALSE	TRUE	FALSE	1	complete	MP22-002	2	Planar continuous carbinate veins in maroon red trachyte with 0.5% infilking covellite mineralizati	
EMMPR011	MP	EM	2022-07-21	10N	585697	5822058	GPS interna	3	1164	GPS interna	grab	assay				felsite		215 189 188	247 222 217	medium	massive	TRUE	FALSE	FALSE	FALSE	1	complete	MP22-002	2	Quartz-feldspar porphyry felsite with 0.5% possible chalcocite	

APPENDIX 4: Soil

Sample	Project	Sampler	Sample Date	UTM Zone	E (UTM)	N (UTM)	Loc Method	Accuracy (m)	Elev (m)	Elev Method	Sample Type	Purpose	Colour 1	Colour 2	Horizon	Depth (cm)	Slope	Outcrop	Permafrost	pH	Quality	Shortnote 1	Shortnote 2	Status	Mass (kg)	Shipment	Bucket	Notes	Source
MPL004 00+00	MP	JZ	2022-07-21	10N	585935	5822206	GPS internal	3	1198	GPS internal	soil	assay	117 86 81		B	10	0	FALSE	FALSE		2			complete		MP22-001	2		
MPL004 00+25S	MP	JZ	2022-07-21	10N	585914	5822196	GPS internal	4	1196	GPS internal	soil	assay	34 34 34		B	10	10	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 00+50S	MP	JZ	2022-07-21	10N	585907	5822171	GPS internal	4	1196	GPS internal	soil	assay	215 180 178		B	15	10	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 00+75S	MP	JZ	2022-07-21	10N	585889	5822154	GPS internal	3	1196	GPS internal	soil	assay	105 87 75		B	10	10	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 01+00S	MP	JZ	2022-07-21	10N	585879	5822135	GPS internal	3	1197	GPS internal	soil	assay	144 112 97		B	10	10	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 01+25S	MP	JZ	2022-07-21	10N	585862	5822107	GPS internal	3	1199	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001	2		
MPL004 01+50S	MP	JZ	2022-07-21	10N	585854	5822088	GPS internal	4	1202	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001	2		
MPL004 01+75S	MP	JZ	2022-07-21	10N	585841	5822062	GPS internal	3	1208	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001	2		
MPL004 02+00S	MP	JZ	2022-07-21	10N	585819	5822043	GPS internal	4	1193	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001	2		
MPL004 02+25S	MP	JZ	2022-07-21	10N	585790	5822039	GPS internal	6	1181	GPS internal	soil	assay	98 80 78		B	10	20	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 02+50S	MP	JZ	2022-07-21	10N	585785	5822010	GPS internal	5	1175	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001	2		
MPL004 02+75S	MP	JZ	2022-07-21	10N	585773	5821996	GPS internal	5	1172	GPS internal	soil	assay	228 180 158		B	10	20	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 03+00S	MP	JZ	2022-07-21	10N	585754	5821962	GPS internal	3	1182	GPS internal	soil	assay	69 71 57		B	15	20	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 03+25S	MP	JZ	2022-07-21	10N	585750	5821950	GPS internal	3	1182	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001	2		
MPL004 03+50S	MP	JZ	2022-07-21	10N	585727	5821932	GPS internal	3	1181	GPS internal	soil	assay	58 57 53		B	10	0	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 03+75S	MP	JZ	2022-07-21	10N	585719	5821903	GPS internal	3	1182	GPS internal	soil	assay	67 65 66		B	15	20	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 04+00S	MP	JZ	2022-07-21	10N	585705	5821877	GPS internal	4	1201	GPS internal	soil	assay	37 37 37		B	15	10	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 04+25S	MP	JZ	2022-07-21	10N	585690	5821845	GPS internal	3	1201	GPS internal	soil	assay	87 66 71		B	20	20	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 04+50S	MP	JZ	2022-07-21	10N	585665	5821824	GPS internal	3	1211	GPS internal	soil	assay	210 156 144		B	10	10	FALSE	FALSE		4			complete		MP22-001	2		
MPL004 04+75S	MP	JZ	2022-07-21	10N	585656	5821797	GPS internal	4	1204	GPS internal	soil	assay	51 55 56		B	10	10	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 05+00S	MP	JZ	2022-07-21	10N	585651	5821772	GPS internal	3	1222	GPS internal	soil	assay	74 70 67		B	10	10	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 05+25S	MP	JZ	2022-07-21	10N	585619	5821752	GPS internal	3	1226	GPS internal	soil	assay	255 211 203		B	15	20	FALSE	FALSE		4			complete		MP22-001	2		
MPL004 05+50S	MP	JZ	2022-07-21	10N	585605	5821742	GPS internal	3	1225	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001	2		
MPL004 05+75S	MP	JZ	2022-07-21	10N	585596	5821723	GPS internal	4	1226	GPS internal	soil	assay	184 132 118		B	10	10	FALSE	FALSE		4			complete		MP22-001	2		
MPL004 06+00S	MP	JZ	2022-07-21	10N	585575	5821706	GPS internal	3	1218	GPS internal	soil	assay	117 86 83		B	10	10	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 06+25S	MP	JZ	2022-07-21	10N	585551	5821682	GPS internal	3	1223	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001	2		
MPL004 06+50S	MP	JZ	2022-07-21	10N	585549	5821664	GPS internal	3	1222	GPS internal	soil	assay	108 89 83		B	10	10	FALSE	FALSE		3			complete		MP22-001	2		
MPL004 06+75S	MP	JZ	2022-07-21	10N	585537	5821638	GPS internal	3	1223	GPS internal	soil	assay	124 92 79		B	25	0	FALSE	FALSE		4			complete		MP22-001	2		

APPENDIX 4: Rock

Sample	Project	Sampler	Sample Date	UTM Zone	E (UTM)	N (UTM)	Loc Method	Accuracy (m)	Elev (m)	Elev Method	Sample Type	Purpose	Channel Length (m)	Channel Azimuth	Channel Inclination	Lith Major	Lith Minor	Colour Weathered	Colour Fresh	Grainsize	Texture	Mineralized	Altered	Is Vein	Least Altered
EMMPR005	MP	EM	2022-07-21	10N	585700	5821609	GPS internal	3	1198	GPS internal	grab	assay				trachyte		64 66 78	90 81 84	fine-medium	phenocryst	TRUE	TRUE	TRUE	FALSE
EMMPR006	MP	EM	2022-07-21	10N	585713	5821600	GPS internal	3	1195	GPS internal	grab	assay				trachyte		71 71 79	88 80 67	fine	brecciated	FALSE	TRUE	FALSE	FALSE
EMMPR007	MP	EM	2022-07-21	10N	585699	5821586	GPS internal	3	1189	GPS internal	grab	assay				trachyte		69 58 54	48 38 36	fine-medium	amygdaloida	TRUE	TRUE	TRUE	FALSE
EMMPR008	MP	EM	2022-07-21	10N	585687	5821597	GPS internal	3	1210	GPS internal	grab	assay				trachyte		127 129 150	86 89 108	fine-medium	amygduloida	TRUE	TRUE	TRUE	FALSE
EMMPR009	MP	EM	2022-07-21	10N	585883	5822241	GPS internal	3	1199	GPS internal	grab	assay				trachyte		142 127 132	88 69 75	fine	phenocryst	TRUE	FALSE	FALSE	FALSE
EMMPR010	MP	EM	2022-07-21	10N	585852	5822255	GPS internal	3	1200	GPS internal	grab	assay				trachyte		97 65 54	120 88 91	very fine	massive	TRUE	FALSE	TRUE	FALSE
EMMPR011	MP	EM	2022-07-21	10N	585697	5822058	GPS internal	3	1164	GPS internal	grab	assay				felsite		215 189 188	247 222 217	medium	massive	TRUE	FALSE	FALSE	FALSE

APPENDIX 4: Rock

Sample	Project	Sampler	Sample Date	Mass (kg)	Status	Shipment	Bucket	Notes	Source	Type	Class	Ag (ppm)	Al (pct)	As (ppm)	Au (ppb)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Br (ppm)	C (pct)	Ca (pct)	Cd (ppm)
EMMPR005	MP	EM	2022-07-21	1	complete	MP22-002	2	Dark grey, fg, pyx-phyric trachyte with thin discontinuous quartz veinlets. veinlets contain 0.5% chalcocite and trace covel		rock	sample	0.14	8.05	2.1	10		900	1.55	0.02			7.52	0.11
EMMPR006	MP	EM	2022-07-21	1	complete	MP22-002	2	Intensely carbonate altered maroon red trachyt		rock	sample	0.08	7.65	5.4	6		980	1.39	0.02			5.6	0.06
EMMPR007	MP	EM	2022-07-21	1	complete	MP22-002	2	Maroon red, fg, trachyte with quartz veinlets and amygdules. 1% infilling chalcocite, chrysocolla, and covel		rock	sample	0.33	7.49	4.4	10		1040	1.42	0.01			3.81	0.05
EMMPR008	MP	EM	2022-07-21	1	complete	MP22-002	2	Dark grey trachyte with discontinuous quartz filling vug. Epidote-chl alt in vug with 0.3% covelli		rock	sample	0.11	8.03	6.7	7		530	1.48	0.02			7.68	0.13
EMMPR009	MP	EM	2022-07-21	1	complete	MP22-002	2	Dark grey trachyte with 0.3% deep red cuprite		rock	sample	0.01	6.02	3.5	-5		260	1.27	-0.01			6.98	0.05
EMMPR010	MP	EM	2022-07-21	1	complete	MP22-002	2	Planar continuous carbinate veins in maroon red trachyte with 0.5% infilking covellite mineralizat		rock	sample	0.04	4.9	5	-5		260	0.8	0.03			8.06	0.1
EMMPR011	MP	EM	2022-07-21	1	complete	MP22-002	2	Quartz-feldspar porphyry felsite with 0.5% possible chalcocit		rock	sample	0.06	0.78	6.8	6		80	0.86	0.01			17.2	0.1

APPENDIX 4: Rock

Sample	Project	Sampler	Sample Date	Ce (ppm)	Co (ppm)	Cr (ppm)	Cs (ppm)	Cu (ppm)	Dy (ppm)	Er (ppm)	Eu (ppm)	Fe (pct)	Ga (ppm)	Gd (ppm)	Ge (ppm)	Hf (ppm)	Hg (ppb)	Ho (ppm)	In (ppm)	K (pct)	La (ppm)	Li (ppm)	Mg (pct)	Mn (ppm)	Mo (ppm)	Na (pct)	Nb (ppm)	Nd (ppm)	Ni (ppm)	P (pct)	Pb (ppm)	Pd (ppb)
EMMPR005	MP	EM	2022-07-21	33.3	37.9	19	4.86	324				8.25	16.05		0.1	1.8			0.055	1.43	15.5	19.9	3.13	1655	1.6	2.96	3.1		13	0.299	7.2	
EMMPR006	MP	EM	2022-07-21	32.4	35.1	21	10.25	199				7.95	13.75		0.13	1.7			0.06	3.94	15.3	20.9	3.57	1235	0.56	2.01	2.9		13.6	0.287	7.6	
EMMPR007	MP	EM	2022-07-21	24.1	37.3	34	0.37	1595				7.77	16.55		0.13	1.4			0.044	3.87	11.8	27	4.3	1280	1.17	1.89	2.8		18.6	0.297	7.7	
EMMPR008	MP	EM	2022-07-21	32	35.1	19	1.91	669				8.12	20.8		0.09	1.6			0.057	1.4	15.2	24.5	3.48	2060	0.89	2.66	2.8		12.5	0.284	7.5	
EMMPR009	MP	EM	2022-07-21	20.6	36.2	204	0.2	47.9				7.23	12.1		0.09	1.3			0.045	1.39	10.3	15.7	4.99	1230	0.2	3.05	2.1		43.3	0.252	2.4	
EMMPR010	MP	EM	2022-07-21	17.65	29.4	173	0.49	59				6.06	9.36		0.08	0.8			0.043	2.21	8.8	4.3	4	1150	0.37	2.11	1.7		35	0.222	3.1	
EMMPR011	MP	EM	2022-07-21	4.61	34.5	81	0.16	136.5				2.75	1.65		-0.05	0.3			0.007	0.05	2.2	10.7	9.2	1035	0.19	0.04	0.7		93	0.031	2.7	

APPENDIX 4: Rock

Sample	Project	Sampler	Sample Date	Pr (ppm)	Pt (ppb)	Rb (ppm)	Re (ppm)	S (pct)	Sb (ppm)	Sc (ppm)	Se (ppm)	Sm (ppm)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Tb (ppm)	Te (ppm)	Th (ppm)	Ti (pct)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Yb (ppm)	Zn (ppm)	Zr (ppm)
EMMPR005	MP	EM	2022-07-21			25.7	-0.002	-0.01	0.14	29.5	-1		0.9	1410	0.16		-0.05	2.35	0.478	0.03	1	326	0.4	17.5		105	60.6
EMMPR006	MP	EM	2022-07-21			77.8	-0.002	-0.01	0.12	28.1	-1		0.9	1230	0.16		-0.05	2.38	0.463	0.1	1.1	296	0.4	15.8		102	56.3
EMMPR007	MP	EM	2022-07-21			56.6	-0.002	0.01	0.22	24.8	-1		0.8	960	0.16		-0.05	1.79	0.463	0.09	1.5	303	0.6	13.6		109	48.2
EMMPR008	MP	EM	2022-07-21			42.3	-0.002	-0.01	0.57	29	-1		0.8	1560	0.16		-0.05	2.3	0.471	0.05	0.9	378	0.5	16.1		105	52.3
EMMPR009	MP	EM	2022-07-21			25.5	-0.002	-0.01	1.86	39.4	-1		0.7	489	0.12		-0.05	1.5	0.367	0.04	0.6	212	0.2	11.1		74	40.1
EMMPR010	MP	EM	2022-07-21			54.7	-0.002	-0.01	1.37	32.8	-1		0.6	423	0.1		-0.05	1.26	0.312	0.06	0.9	206	0.5	9.2		64	22.4
EMMPR011	MP	EM	2022-07-21			1.4	-0.002	-0.01	1.02	3.7	-1		0.2	661	-0.05		-0.05	0.46	0.051	-0.02	0.4	55	2.4	4.6		90	12.4

APPENDIX 4: Soil

Sample	Project	Sampler	Sample Date	UTM Zone	E (UTM)	N (UTM)	Loc Method	Accuracy (m)	Elev (m)	Elev Method	Sample Type	Purpose	Colour 1	Colour 2	Horizon	Depth (cm)	Slope	Outcrop	Permafrost	pH	Quality	Shortnote 1	Shortnote 2	Status	Mass (kg)	Shipment
MPL004 00+00	MP	JZ	2022-07-21	10N	585935	5822206	GPS internal	3	1198	GPS internal	soil	assay	117 86 81		B	10	0	FALSE	FALSE		2			complete		MP22-001
MPL004 00+25S	MP	JZ	2022-07-21	10N	585914	5822196	GPS internal	4	1196	GPS internal	soil	assay	34 34 34		B	10	10	FALSE	FALSE		3			complete		MP22-001
MPL004 00+50S	MP	JZ	2022-07-21	10N	585907	5822171	GPS internal	4	1196	GPS internal	soil	assay	215 180 178		B	15	10	FALSE	FALSE		3			complete		MP22-001
MPL004 00+75S	MP	JZ	2022-07-21	10N	585889	5822154	GPS internal	3	1196	GPS internal	soil	assay	105 87 75		B	10	10	FALSE	FALSE		3			complete		MP22-001
MPL004 01+00S	MP	JZ	2022-07-21	10N	585879	5822135	GPS internal	3	1197	GPS internal	soil	assay	144 112 97		B	10	10	FALSE	FALSE		3			complete		MP22-001
MPL004 01+25S	MP	JZ	2022-07-21	10N	585862	5822107	GPS internal	3	1199	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001
MPL004 01+50S	MP	JZ	2022-07-21	10N	585854	5822088	GPS internal	4	1202	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001
MPL004 01+75S	MP	JZ	2022-07-21	10N	585841	5822062	GPS internal	3	1208	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001
MPL004 02+00S	MP	JZ	2022-07-21	10N	585819	5822043	GPS internal	4	1193	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001
MPL004 02+25S	MP	JZ	2022-07-21	10N	585790	5822039	GPS internal	6	1181	GPS internal	soil	assay	98 80 78		B	10	20	FALSE	FALSE		3			complete		MP22-001
MPL004 02+50S	MP	JZ	2022-07-21	10N	585785	5822010	GPS internal	5	1175	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001
MPL004 02+75S	MP	JZ	2022-07-21	10N	585773	5821996	GPS internal	5	1172	GPS internal	soil	assay	228 180 158		B	10	20	FALSE	FALSE		3			complete		MP22-001
MPL004 03+00S	MP	JZ	2022-07-21	10N	585754	5821962	GPS internal	3	1182	GPS internal	soil	assay	69 71 57		B	15	20	FALSE	FALSE		3			complete		MP22-001
MPL004 03+25S	MP	JZ	2022-07-21	10N	585750	5821950	GPS internal	3	1182	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001
MPL004 03+50S	MP	JZ	2022-07-21	10N	585727	5821932	GPS internal	3	1181	GPS internal	soil	assay	58 57 53		B	10	0	FALSE	FALSE		3			complete		MP22-001
MPL004 03+75S	MP	JZ	2022-07-21	10N	585719	5821903	GPS internal	3	1182	GPS internal	soil	assay	67 65 66		B	15	20	FALSE	FALSE		3			complete		MP22-001
MPL004 04+00S	MP	JZ	2022-07-21	10N	585705	5821877	GPS internal	4	1201	GPS internal	soil	assay	37 37 37		B	15	10	FALSE	FALSE		3			complete		MP22-001
MPL004 04+25S	MP	JZ	2022-07-21	10N	585690	5821845	GPS internal	3	1201	GPS internal	soil	assay	87 66 71		B	20	20	FALSE	FALSE		3			complete		MP22-001
MPL004 04+50S	MP	JZ	2022-07-21	10N	585665	5821824	GPS internal	3	1211	GPS internal	soil	assay	210 156 144		B	10	10	FALSE	FALSE		4			complete		MP22-001
MPL004 04+75S	MP	JZ	2022-07-21	10N	585656	5821797	GPS internal	4	1204	GPS internal	soil	assay	51 55 56		B	10	10	FALSE	FALSE		3			complete		MP22-001
MPL004 05+00S	MP	JZ	2022-07-21	10N	585651	5821772	GPS internal	3	1222	GPS internal	soil	assay	74 70 67		B	10	10	FALSE	FALSE		3			complete		MP22-001
MPL004 05+25S	MP	JZ	2022-07-21	10N	585619	5821752	GPS internal	3	1226	GPS internal	soil	assay	255 211 203		B	15	20	FALSE	FALSE		4			complete		MP22-001
MPL004 05+50S	MP	JZ	2022-07-21	10N	585605	5821742	GPS internal	3	1225	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001
MPL004 05+75S	MP	JZ	2022-07-21	10N	585596	5821723	GPS internal	4	1226	GPS internal	soil	assay	184 132 118		B	10	10	FALSE	FALSE		4			complete		MP22-001
MPL004 06+00S	MP	JZ	2022-07-21	10N	585575	5821706	GPS internal	3	1218	GPS internal	soil	assay	117 86 83		B	10	10	FALSE	FALSE		3			complete		MP22-001
MPL004 06+25S	MP	JZ	2022-07-21	10N	585551	5821682	GPS internal	3	1223	GPS internal	soil	assay			B			FALSE	FALSE		0			complete	0	MP22-001
MPL004 06+50S	MP	JZ	2022-07-21	10N	585549	5821664	GPS internal	3	1222	GPS internal	soil	assay	108 89 83		B	10	10	FALSE	FALSE		3			complete		MP22-001
MPL004 06+75S	MP	JZ	2022-07-21	10N	585537	5821638	GPS internal	3	1223	GPS internal	soil	assay	124 92 79		B	25	0	FALSE	FALSE		4			complete		MP22-001

APPENDIX 4: Soil

Sample	Project	Sampler	Sample Date	Bucket	Notes	Source	Type	Class	Ag (ppm)	Al (pct)	As (ppm)	Au (ppb)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Br (ppm)	C (pct)	Ca (pct)	Cd (ppm)	Ce (ppm)	Co (ppm)	Cr (ppm)	Cs (ppm)	Cu (ppm)	Dy (ppm)	Er (ppm)	Eu (ppm)	Fe (pct)
MPL004 00+00	MP	JZ	2022-07-21	2			soil	sample	0.08	1.72	4.2	1.7	-10	90	0.62	0.06			0.65	0.11	31.7	15.5	38	1.55	51.9				3.02
MPL004 00+25S	MP	JZ	2022-07-21	2			soil	sample	0.06	1.45	3.1	2.3	-10	50	0.36	0.07			0.44	0.06	15.8	11.9	34	1.53	34.5				3.67
MPL004 00+50S	MP	JZ	2022-07-21	2			soil	sample	0.04	2.02	4.6	1.2	-10	80	0.56	0.06			0.43	0.06	17.35	14.7	43	1.71	44.7				3.87
MPL004 00+75S	MP	JZ	2022-07-21	2			soil	sample	0.04	1.61	3.1	1.2	-10	80	0.44	0.07			0.49	0.07	12.9	11.1	33	1.43	30.9				3.46
MPL004 01+00S	MP	JZ	2022-07-21	2			soil	sample	0.07	1.89	3.6	1	-10	60	0.55	0.08			0.31	0.08	14.65	10.9	34	1.84	28.7				3.47
MPL004 01+25S	MP	JZ	2022-07-21	2																									
MPL004 01+50S	MP	JZ	2022-07-21	2																									
MPL004 01+75S	MP	JZ	2022-07-21	2																									
MPL004 02+00S	MP	JZ	2022-07-21	2																									
MPL004 02+25S	MP	JZ	2022-07-21	2			soil	sample	0.04	1.34	3	1	-10	80	0.27	0.07			0.5	0.11	14.45	8.9	33	2.86	26.7				2.79
MPL004 02+50S	MP	JZ	2022-07-21	2																									
MPL004 02+75S	MP	JZ	2022-07-21	2			soil	sample	0.08	1.85	7.5	3	-10	140	0.62	0.06			0.8	0.13	27.4	20.8	44	1.95	92.3				4.2
MPL004 03+00S	MP	JZ	2022-07-21	2			soil	sample	0.21	2.06	8.6	29.8	10	100	0.67	0.06			0.58	0.17	16.2	15.7	42	1.75	63.5				4.48
MPL004 03+25S	MP	JZ	2022-07-21	2																									
MPL004 03+50S	MP	JZ	2022-07-21	2			soil	sample	0.06	1.74	6.7	3.1	-10	70	0.5	0.05			0.62	0.14	19.1	15	37	1.23	41.7				3.96
MPL004 03+75S	MP	JZ	2022-07-21	2			soil	sample	0.17	0.92	7.4	1.3	10	210	0.41	0.07			0.76	0.22	9.5	14.1	31	1.18	35.5				4.16
MPL004 04+00S	MP	JZ	2022-07-21	2			soil	sample	0.13	2.89	7.1	3.1	-10	210	0.71	0.08			1.06	0.16	26.2	18.2	52	1.87	49.7				4.16
MPL004 04+25S	MP	JZ	2022-07-21	2			soil	sample	0.07	1.47	9	0.7	-10	110	0.61	0.06			0.48	0.07	13.75	19	44	1.62	122				5.89
MPL004 04+50S	MP	JZ	2022-07-21	2			soil	sample	0.06	1.9	4.3	11.6	-10	130	0.54	0.08			0.42	0.12	16.1	11.4	36	1.25	33.9				3.36
MPL004 04+75S	MP	JZ	2022-07-21	2			soil	sample	0.07	1.9	5	1.4	-10	140	0.5	0.08			0.68	0.12	21.5	12.6	41	1.32	46.3				3.15
MPL004 05+00S	MP	JZ	2022-07-21	2			soil	sample	0.09	1.92	4.3	1.6	-10	110	0.4	0.09			0.38	0.09	17.9	11.1	41	1.11	28.3				2.96
MPL004 05+25S	MP	JZ	2022-07-21	2			soil	sample	0.08	2.51	4.1	2.6	-10	100	0.54	0.11			0.25	0.09	15.65	13.3	45	1.7	30.2				3.5
MPL004 05+50S	MP	JZ	2022-07-21	2																									
MPL004 05+75S	MP	JZ	2022-07-21	2			soil	sample	0.08	2.27	5.1	31.8	-10	70	0.57	0.09			0.31	0.08	20.2	12.1	46	1.47	34.7				3.33
MPL004 06+00S	MP	JZ	2022-07-21	2			soil	sample	0.05	2.02	3.5	1.2	-10	60	0.42	0.08			0.36	0.07	14.6	12.4	39	1.67	33.6				3.44
MPL004 06+25S	MP	JZ	2022-07-21	2																									
MPL004 06+50S	MP	JZ	2022-07-21	2			soil	sample	0.09	2.93	5.7	10.6	-10	120	0.65	0.1			0.46	0.12	18	17.5	39	2.1	56.9				4.23
MPL004 06+75S	MP	JZ	2022-07-21	2			soil	sample	0.07	3.14	6.4	1.7	-10	140	0.63	0.1			0.48	0.12	18.05	12.5	49	2.57	55.9				4.05

APPENDIX 4: Soil

Sample	Project	Sampler	Sample Date	Ga (ppm)	Gd (ppm)	Ge (ppm)	Hf (ppm)	Hg (ppb)	Ho (ppm)	In (ppm)	K (pct)	La (ppm)	Li (ppm)	Mg (pct)	Mn (ppm)	Mo (ppm)	Na (pct)	Nb (ppm)	Nd (ppm)	Ni (ppm)	P (pct)	Pb (ppm)	Pd (ppb)	Pr (ppm)	Pt (ppb)	Rb (ppm)	Re (ppm)	S (pct)	Sb (ppm)
MPL004 00+00	MP	JZ	2022-07-21	5.3		0.06	0.04	40		0.017	0.09	13.6	15.6	0.83	849	0.31	0.02	0.89		20.6	0.076	5.2				11.2	-0.001	0.02	0.32
MPL004 00+25S	MP	JZ	2022-07-21	6.1		-0.05	0.1	20		0.015	0.05	8.1	15.3	0.88	304	0.37	0.02	0.82		15.8	0.09	5.2				7.9	-0.001	0.01	0.34
MPL004 00+50S	MP	JZ	2022-07-21	5.98		0.05	0.14	30		0.019	0.08	8.4	16.9	0.86	326	0.47	0.01	0.85		27.6	0.108	4.2				9.9	-0.001	0.01	0.29
MPL004 00+75S	MP	JZ	2022-07-21	5.84		-0.05	0.11	10		0.016	0.06	6.3	14.6	0.6	437	0.41	0.02	0.83		15.3	0.088	5.1				9	-0.001	0.01	0.3
MPL004 01+00S	MP	JZ	2022-07-21	6.32		-0.05	0.16	40		0.022	0.07	7.1	15.4	0.51	279	0.5	0.01	1.06		16.1	0.121	5.1				9.8	-0.001	0.01	0.28
MPL004 01+25S	MP	JZ	2022-07-21																										
MPL004 01+50S	MP	JZ	2022-07-21																										
MPL004 01+75S	MP	JZ	2022-07-21																										
MPL004 02+00S	MP	JZ	2022-07-21																										
MPL004 02+25S	MP	JZ	2022-07-21	5.05		-0.05	0.08	10		0.013	0.06	7.3	12.8	0.5	511	0.42	0.02	0.94		13.4	0.108	7.6				8.3	-0.001	0.01	0.21
MPL004 02+50S	MP	JZ	2022-07-21																										
MPL004 02+75S	MP	JZ	2022-07-21	5.59		0.09	0.07	60		0.021	0.18	13.1	15	1.23	881	0.47	0.02	0.76		28.1	0.156	5.5				12.8	-0.001	0.02	0.44
MPL004 03+00S	MP	JZ	2022-07-21	6.55		0.05	0.04	40		0.022	0.1	7.8	20.4	0.9	403	0.66	0.02	0.98		21.3	0.177	4.8				8.8	-0.001	0.01	0.47
MPL004 03+25S	MP	JZ	2022-07-21																										
MPL004 03+50S	MP	JZ	2022-07-21	5.12		0.05	0.05	10		0.021	0.07	8.9	16.4	0.81	384	0.46	0.02	0.92		17.6	0.158	4.5				8.1	-0.001	0.02	0.45
MPL004 03+75S	MP	JZ	2022-07-21	3.94		-0.05	-0.02	150		0.021	0.09	4.6	7.4	0.33	1730	0.88	0.01	0.62		12.4	0.082	6.9				9.6	-0.001	0.04	0.93
MPL004 04+00S	MP	JZ	2022-07-21	6.59		0.06	0.08	50		0.027	0.09	12.2	33.6	0.89	365	0.47	0.02	1.32		30.9	0.094	5.2				8.9	-0.001	0.03	0.29
MPL004 04+25S	MP	JZ	2022-07-21	6.12		0.05	0.02	-10		0.04	0.08	5.8	11.9	0.66	1290	0.67	0.02	0.57		15.4	0.114	3.8				9.7	-0.001	0.01	0.38
MPL004 04+50S	MP	JZ	2022-07-21	5.6		-0.05	0.04	10		0.021	0.08	7.9	14.2	0.57	812	0.54	0.01	1.04		18.6	0.114	5				10	-0.001	0.01	0.28
MPL004 04+75S	MP	JZ	2022-07-21	5.78		0.05	0.04	20		0.018	0.08	11.1	18	0.75	744	0.5	0.01	0.98		23.2	0.085	4.6				10.4	-0.001	0.02	0.83
MPL004 05+00S	MP	JZ	2022-07-21	5.67		-0.05	0.03	30		0.02	0.08	9.1	18.6	0.55	518	0.49	0.01	1.1		20.4	0.115	5.2				10.4	-0.001	0.02	0.23
MPL004 05+25S	MP	JZ	2022-07-21	7.03		-0.05	0.06	10		0.023	0.09	7.9	16.2	0.58	371	0.57	0.01	1.12		28.2	0.126	5.9				14	-0.001	0.01	0.23
MPL004 05+50S	MP	JZ	2022-07-21																										
MPL004 05+75S	MP	JZ	2022-07-21	5.83		-0.05	0.05	10		0.02	0.08	10	17.1	0.61	249	0.57	0.01	1.11		27.2	0.115	4.9				11.8	-0.001	0.01	0.25
MPL004 06+00S	MP	JZ	2022-07-21	6.46		-0.05	0.06	-10		0.019	0.1	7.3	15.3	0.79	280	0.61	0.01	1.06		21.5	0.088	4.5				11.3	-0.001	0.01	0.19
MPL004 06+25S	MP	JZ	2022-07-21																										
MPL004 06+50S	MP	JZ	2022-07-21	10.75		-0.05	0.04	20		0.039	0.09	8.9	25.4	1.17	432	0.76	0.01	1.34		29.1	0.182	4.8				10.4	-0.001	0.02	0.29
MPL004 06+75S	MP	JZ	2022-07-21	7.9		-0.05	0.05	60		0.028	0.08	9.1	21.3	0.68	311	0.73	0.01	1.38		29.9	0.228	5.7				10.9	-0.001	0.02	0.27

APPENDIX 4: Soil

Sample	Project	Sampler	Sample Date	Sc (ppm)	Se (ppm)	Sm (ppm)	Sn (ppm)	Sr (ppm)	Ta (ppm)	Tb (ppm)	Te (ppm)	Th (ppm)	Ti (pct)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Yb (ppm)	Zn (ppm)	Zr (ppm)
MPL004 00+00	MP	JZ	2022-07-21	6.1	0.2		0.3	50.1	-0.01		0.01	1.6	0.108	0.06	0.61	101	0.13	7.69		49	1.9
MPL004 00+25S	MP	JZ	2022-07-21	3.8	-0.2		0.4	42.3	-0.01		0.01	1.7	0.132	0.04	0.47	115	0.13	3.75		41	4.4
MPL004 00+50S	MP	JZ	2022-07-21	4.8	-0.2		0.4	36.5	-0.01		0.01	2.1	0.118	0.04	0.5	110	0.11	4.06		49	5.6
MPL004 00+75S	MP	JZ	2022-07-21	4	-0.2		0.4	42.6	-0.01		0.01	1.5	0.113	0.03	0.39	101	0.12	2.75		55	4.8
MPL004 01+00S	MP	JZ	2022-07-21	4	-0.2		0.4	30.2	-0.01		0.01	1.9	0.108	0.04	0.45	93	0.14	2.68		63	5.7
MPL004 01+25S	MP	JZ	2022-07-21																		
MPL004 01+50S	MP	JZ	2022-07-21																		
MPL004 01+75S	MP	JZ	2022-07-21																		
MPL004 02+00S	MP	JZ	2022-07-21																		
MPL004 02+25S	MP	JZ	2022-07-21	3.2	-0.2		0.4	42.1	-0.01		0.01	1.7	0.105	0.04	0.33	84	0.1	2.79		50	3.7
MPL004 02+50S	MP	JZ	2022-07-21																		
MPL004 02+75S	MP	JZ	2022-07-21	10.1	0.2		0.3	62.9	-0.01		0.02	2.1	0.119	0.05	0.58	123	0.19	10.1		60	3.2
MPL004 03+00S	MP	JZ	2022-07-21	5.7	-0.2		0.4	52.3	-0.01		0.02	1.5	0.117	0.02	0.71	133	0.22	4.42		73	1.9
MPL004 03+25S	MP	JZ	2022-07-21																		
MPL004 03+50S	MP	JZ	2022-07-21	4.8	-0.2		0.3	55	-0.01		0.02	1.4	0.117	0.02	0.48	120	0.2	5.31		53	2.3
MPL004 03+75S	MP	JZ	2022-07-21	5	-0.2		0.4	57	-0.01		0.02	0.2	0.056	0.03	0.4	125	0.37	2.25		83	0.5
MPL004 04+00S	MP	JZ	2022-07-21	7.4	0.5		0.4	58.8	-0.01		0.02	1.5	0.133	0.05	0.99	114	0.16	8.94		59	3.5
MPL004 04+25S	MP	JZ	2022-07-21	13.3	-0.2		0.5	37.1	-0.01		0.01	0.8	0.073	0.03	0.45	155	0.18	3.13		74	0.8
MPL004 04+50S	MP	JZ	2022-07-21	3.5	-0.2		0.4	35.3	-0.01		0.02	1.6	0.101	0.05	0.39	92	0.14	3.18		71	2
MPL004 04+75S	MP	JZ	2022-07-21	4.6	-0.2		0.4	40.6	-0.01		0.02	1.2	0.107	0.06	0.52	91	0.12	5.33		59	1.7
MPL004 05+00S	MP	JZ	2022-07-21	3.2	-0.2		0.4	27.9	-0.01		0.02	1.7	0.088	0.05	0.4	76	0.12	3.16		66	1.5
MPL004 05+25S	MP	JZ	2022-07-21	3.8	-0.2		0.5	21	-0.01		0.02	2.1	0.101	0.08	0.37	85	0.12	2.3		71	2.6
MPL004 05+50S	MP	JZ	2022-07-21																		
MPL004 05+75S	MP	JZ	2022-07-21	3.6	0.2		0.4	26	-0.01		0.02	2.1	0.09	0.06	0.5	81	0.11	3.49		67	1.8
MPL004 06+00S	MP	JZ	2022-07-21	4.5	-0.2		0.4	26.9	-0.01		0.02	1.7	0.106	0.04	0.35	91	0.12	3.04		55	2.5
MPL004 06+25S	MP	JZ	2022-07-21																		
MPL004 06+50S	MP	JZ	2022-07-21	6.9	-0.2		0.6	38.7	-0.01		0.02	1.8	0.099	0.06	0.53	113	0.16	4.01		81	2
MPL004 06+75S	MP	JZ	2022-07-21	4.4	0.2		0.5	60.6	-0.01		0.02	2.2	0.101	0.07	0.52	103	0.14	3.25		76	2.2

Appendix V: Analytical Certificates

ALS Canada Ltd.
2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 14-SEP-2022
Account: TELOEX

CERTIFICATE KL22202246

Project: Mt Polley W Project (MP22-001)

P.O. No.: MP2022-1

This report is for 107 samples of Drill Core submitted to our lab in Kamloops, BC, Canada on 22-JUL-2022.

The following have access to data associated with this certificate:

VANESSA BEACH	JESSE CAMPBELL	ERIC MORLEY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
DISP-01	Disposal of all sample fractions
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ST43	Super Trace Au - 25g AR	ICP-MS
ME-MS41	Ultra Trace Aqua Regia ICP-MS	

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

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

Signature:

Saa Traxler, Director, North Vancouver Operations

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 14-SEP-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

Sample Description	Method	WEI-21	Au-ST43	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.0001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
MPL001 00+00		0.46	0.0032	0.12	2.12	6.0	<0.02	<10	130	0.73	0.09	0.70	0.19	26.7	14.6	58
MPL001 00+25S		0.49	0.0021	0.10	1.79	6.4	<0.02	<10	120	0.59	0.07	0.87	0.13	27.8	14.6	46
MPL001 00+50S		0.38	0.0013	0.14	2.12	6.0	<0.02	<10	130	0.72	0.09	0.62	0.19	28.2	17.0	45
MPL001 00+75S		0.58	0.0041	0.04	1.22	4.5	<0.02	<10	60	0.31	0.07	0.42	0.09	23.3	8.4	33
MPL001 01+00S		0.32	0.0015	0.08	1.21	4.7	<0.02	<10	70	0.34	0.07	0.42	0.12	15.15	7.9	33
MPL001 01+00SD		0.36	0.0028	0.07	1.13	3.9	<0.02	<10	70	0.28	0.07	0.38	0.11	14.85	7.3	32
MPL001 01+25S		0.43	0.0012	0.05	1.22	4.7	<0.02	<10	70	0.31	0.06	0.49	0.11	16.80	9.8	35
MPL001 01+50S		0.40	0.0015	0.09	1.60	5.8	<0.02	<10	100	0.39	0.07	0.51	0.15	23.3	10.4	43
MPL001 01+75S		Empty Bag														
MPL001 02+00S		0.46	0.0020	0.10	1.62	6.3	<0.02	<10	100	0.39	0.06	0.58	0.15	19.90	13.6	41
MPL001 02+25S		0.44	0.0032	0.05	1.27	5.6	<0.02	<10	80	0.35	0.06	0.58	0.13	25.7	10.8	39
MPL001 02+50S		0.41	0.0013	0.14	1.30	4.1	<0.02	<10	80	0.34	0.08	0.45	0.16	17.80	11.0	36
MPL001 02+75S		0.31	0.0040	0.26	1.60	4.5	<0.02	<10	200	0.46	0.10	0.69	0.24	16.35	10.8	41
MPL001 03+00S		Empty Bag														
MPL001 03+25S		Empty Bag														
MPL001 03+50S		0.34	0.0034	0.08	2.15	8.5	<0.02	10	150	0.69	0.07	0.96	0.15	25.2	20.6	50
MPL001 03+75S		0.28	0.0015	0.12	1.70	5.7	<0.02	10	100	0.44	0.11	0.72	0.28	9.90	13.3	45
MPL001 04+00S		0.30	0.0054	0.20	0.84	3.6	<0.02	<10	100	0.23	0.09	0.47	0.18	9.47	8.8	37
MPL001 04+25S		0.21	0.0203	0.08	0.67	1.9	<0.02	<10	80	0.22	0.09	0.49	0.11	8.04	6.5	29
MPL001 04+50S		0.27	0.0188	0.18	1.25	4.6	<0.02	10	90	0.31	0.08	0.79	0.32	8.65	12.8	43
MPL001 04+75S		0.39	0.0012	0.16	2.26	9.5	<0.02	<10	170	0.68	0.07	0.80	0.19	13.15	22.2	53
MPL001 05+00S		0.28	0.0035	0.91	3.74	9.3	<0.02	10	220	1.31	0.13	2.20	0.63	25.8	17.8	80
MPL001 05+25S		0.40	0.0005	0.17	1.16	4.4	<0.02	<10	70	0.28	0.09	0.57	0.13	9.18	13.6	45
MPL001 05+50S		0.34	0.0024	0.10	1.61	5.7	<0.02	<10	110	0.45	0.08	0.44	0.14	10.85	13.9	47
MPL001 05+75S		0.46	0.0053	0.19	1.81	6.7	<0.02	10	90	0.53	0.06	0.47	0.18	12.30	16.0	47
MPL001 06+00S		0.49	0.0071	0.15	1.09	3.9	<0.02	<10	60	0.25	0.05	0.44	0.11	15.40	9.7	31
MPL001 06+25S		0.52	0.0017	0.18	1.85	7.3	<0.02	<10	80	0.47	0.07	0.68	0.20	17.60	16.0	46
MPL001 06+50S		0.48	0.0026	0.23	1.65	5.3	<0.02	<10	90	0.44	0.09	1.00	0.55	18.30	11.8	37
MPL001 06+75S		0.46	0.0501	0.14	1.52	4.1	<0.02	<10	70	0.35	0.09	0.45	0.25	17.90	8.7	37
MPL001 07+00S		0.40	0.0018	0.39	3.31	8.6	<0.02	<10	190	0.96	0.14	1.04	0.31	52.2	21.2	66
MPL001 07+25S		0.56	0.0018	0.16	1.49	3.3	<0.02	<10	70	0.44	0.07	0.48	0.19	25.6	9.6	34
MPL001 07+50S		0.52	0.0083	0.20	1.98	4.0	<0.02	<10	90	0.63	0.10	0.35	0.18	25.3	11.9	44
MPL001 07+75S		0.57	0.0011	0.07	1.13	3.5	<0.02	<10	60	0.33	0.08	0.44	0.21	25.8	8.7	31
MPL001 08+00S		0.55	0.0015	0.19	1.99	4.0	<0.02	10	120	0.45	0.10	1.14	0.45	21.0	14.3	42
MPL002 00+00		0.39	0.0016	0.05	1.45	4.4	<0.02	<10	70	0.37	0.06	0.35	0.07	12.10	14.4	52
MPL002 00+25S		0.40	0.0021	0.07	1.22	5.2	<0.02	<10	70	0.39	0.05	0.46	0.08	21.6	11.4	53
MPL002 00+50S		0.33	0.0012	0.06	1.28	3.2	<0.02	<10	70	0.34	0.07	0.44	0.11	15.55	11.0	44
MPL002 00+75S		0.39		1.17	5.92	13.0	<0.02	10	550	2.26	0.22	1.75	1.04	48.2	24.9	115
MPL002 01+00S		0.38		0.42	5.04	14.4	<0.02	10	610	1.60	0.21	1.44	0.46	36.1	28.7	88
MPL002 01+25S		0.32	0.0018	0.22	2.17	6.8	<0.02	<10	160	0.73	0.08	0.88	0.29	40.0	16.0	42

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

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 14-SEP-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
MPL001 00+00		1.68	60.4	3.58	5.71	0.05	0.06	0.07	0.026	0.12	15.3	18.1	0.82	460	0.40	0.01
MPL001 00+25S		1.38	47.0	3.24	5.15	0.05	0.06	0.10	0.021	0.11	14.3	16.4	0.86	444	0.51	0.01
MPL001 00+50S		2.03	67.6	3.48	6.18	<0.05	0.03	0.06	0.023	0.10	13.7	17.2	0.91	937	0.51	0.01
MPL001 00+75S		0.85	24.6	2.55	4.23	<0.05	0.02	0.04	0.013	0.07	11.8	13.2	0.56	311	0.38	0.01
MPL001 01+00S		1.00	19.2	3.10	4.68	<0.05	0.04	0.06	0.015	0.06	7.8	11.2	0.39	304	0.43	0.01
MPL001 01+00SD		0.86	16.6	3.10	4.41	<0.05	0.03	0.05	0.013	0.06	7.5	9.9	0.32	280	0.44	0.01
MPL001 01+25S		0.88	25.6	3.42	4.90	<0.05	0.04	0.08	0.015	0.08	8.2	11.6	0.52	358	0.38	0.01
MPL001 01+50S		0.91	26.1	3.30	5.42	<0.05	0.04	0.07	0.016	0.08	11.9	17.9	0.64	283	0.45	0.01
MPL001 01+75S																
MPL001 02+00S		1.02	38.7	3.95	5.48	<0.05	0.06	0.06	0.017	0.09	10.2	15.4	0.82	403	0.45	0.01
MPL001 02+25S		1.14	30.6	3.33	4.14	0.05	0.04	0.06	0.016	0.08	12.7	13.3	0.67	427	0.35	0.01
MPL001 02+50S		1.03	26.4	3.16	4.73	<0.05	0.03	0.07	0.017	0.07	8.7	13.2	0.55	536	0.44	0.01
MPL001 02+75S		1.28	25.6	3.52	5.42	<0.05	0.03	0.14	0.021	0.08	8.4	15.7	0.50	963	0.42	0.01
MPL001 03+00S																
MPL001 03+25S																
MPL001 03+50S		2.20	96.3	4.18	6.12	0.07	0.09	0.11	0.023	0.23	13.0	16.2	1.26	911	0.43	0.02
MPL001 03+75S		1.52	51.1	4.37	6.61	<0.05	0.08	0.10	0.022	0.10	5.5	11.0	0.59	329	0.57	0.01
MPL001 04+00S		1.16	19.4	3.75	4.78	<0.05	0.04	0.11	0.014	0.06	5.0	5.9	0.30	570	0.61	0.01
MPL001 04+25S		1.02	9.1	3.23	4.78	<0.05	0.09	0.06	0.011	0.05	4.0	6.2	0.31	346	0.36	0.01
MPL001 04+50S		1.44	27.6	4.57	6.68	<0.05	0.08	0.09	0.016	0.10	4.4	12.6	0.67	502	0.55	0.01
MPL001 04+75S		2.30	49.1	5.70	7.88	0.05	0.05	0.11	0.030	0.11	6.7	21.0	1.12	705	0.52	0.01
MPL001 05+00S		3.31	233	4.54	7.15	0.06	0.12	0.20	0.038	0.18	15.1	17.9	1.21	1435	0.59	0.02
MPL001 05+25S		1.13	26.2	4.78	6.36	<0.05	0.06	0.06	0.016	0.08	4.8	11.3	0.62	574	0.55	0.01
MPL001 05+50S		1.45	30.3	4.42	7.51	0.05	0.05	0.07	0.020	0.07	5.9	16.2	0.52	356	0.57	0.01
MPL001 05+75S		1.66	32.5	4.29	5.63	0.06	0.04	0.11	0.024	0.07	6.3	12.9	0.57	364	0.53	0.01
MPL001 06+00S		0.98	31.4	2.87	4.04	<0.05	0.04	0.02	0.014	0.06	7.4	11.0	0.51	282	0.78	<0.01
MPL001 06+25S		1.48	59.0	4.01	5.83	<0.05	0.05	0.05	0.019	0.11	9.2	16.6	0.73	543	0.63	<0.01
MPL001 06+50S		1.00	67.4	2.75	4.70	<0.05	0.03	0.07	0.020	0.09	10.6	11.0	0.67	541	0.48	<0.01
MPL001 06+75S		1.00	17.6	3.14	6.10	<0.05	0.05	0.10	0.020	0.07	9.3	15.2	0.48	226	0.48	<0.01
MPL001 07+00S		1.85	111.0	4.16	7.80	0.07	0.06	0.09	0.033	0.19	19.1	21.6	1.18	1330	0.75	0.01
MPL001 07+25S		1.04	36.9	2.32	4.51	<0.05	0.02	0.06	0.016	0.07	13.2	12.4	0.58	595	0.51	<0.01
MPL001 07+50S		1.67	51.0	2.86	6.17	<0.05	0.03	0.08	0.022	0.09	12.9	16.3	0.71	578	0.56	<0.01
MPL001 07+75S		0.89	20.6	2.27	4.14	<0.05	0.03	0.07	0.016	0.06	13.0	13.9	0.50	377	0.37	<0.01
MPL001 08+00S		1.09	56.0	3.17	5.61	<0.05	0.06	0.03	0.024	0.13	9.5	17.2	0.89	554	0.50	0.02
MPL002 00+00		10.20	27.6	3.66	6.71	<0.05	0.04	0.02	0.020	0.05	6.4	16.3	1.08	353	0.40	<0.01
MPL002 00+25S		2.14	34.4	2.99	3.92	<0.05	0.08	0.03	0.017	0.06	11.1	11.1	0.61	401	0.41	0.01
MPL002 00+50S		2.68	23.6	2.93	4.49	<0.05	0.04	0.03	0.015	0.07	9.0	12.6	0.50	392	0.35	0.01
MPL002 00+75S		5.44	292	6.39	13.00	0.09	0.24	0.14	0.070	0.33	27.6	35.2	1.62	957	0.51	0.01
MPL002 01+00S		3.78	193.0	5.96	11.40	0.08	0.21	0.11	0.059	0.40	19.7	35.0	1.75	1355	0.48	0.03
MPL002 01+25S		1.69	74.6	3.49	5.94	0.06	0.05	0.08	0.022	0.11	16.2	18.2	0.89	546	0.52	0.01

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

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 14-SEP-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
MPL001 00+00		1.11	32.9	480	5.2	16.3	<0.001	0.02	0.46	12.6	0.4	0.4	58.2	<0.01	0.01	2.1
MPL001 00+25S		1.07	23.9	830	4.9	13.0	<0.001	0.03	0.39	7.1	0.3	0.3	56.2	<0.01	0.02	1.7
MPL001 00+50S		0.96	23.9	630	5.4	14.3	0.001	0.02	0.40	6.0	0.2	0.4	62.4	<0.01	0.01	0.9
MPL001 00+75S		0.86	16.0	700	3.6	8.3	<0.001	0.02	0.34	3.2	0.2	0.3	36.0	<0.01	0.01	1.2
MPL001 01+00S		0.92	13.0	960	4.1	8.3	<0.001	0.02	0.43	3.1	0.2	0.3	33.5	<0.01	0.01	1.1
MPL001 01+00SD		0.93	11.2	850	4.1	6.8	0.001	0.02	0.43	2.9	<0.2	0.3	30.9	<0.01	0.01	1.1
MPL001 01+25S		0.79	13.5	910	4.3	8.4	0.002	0.02	0.45	3.8	<0.2	0.3	36.3	<0.01	<0.01	0.8
MPL001 01+50S		1.12	21.2	1310	4.4	9.0	0.001	0.02	0.36	3.9	<0.2	0.3	36.4	<0.01	0.01	2.0
MPL001 01+75S																
MPL001 02+00S		0.93	21.5	1240	4.4	9.0	<0.001	0.02	0.39	4.8	0.2	0.4	46.8	<0.01	0.01	1.0
MPL001 02+25S		0.82	18.6	1290	4.2	7.8	0.001	0.02	0.46	4.1	0.2	0.3	47.7	<0.01	<0.01	2.0
MPL001 02+50S		1.04	16.1	880	4.5	8.3	0.001	0.03	0.39	3.5	0.2	0.4	36.9	<0.01	<0.01	1.2
MPL001 02+75S		1.10	17.3	2540	5.1	8.7	0.002	0.03	0.38	3.7	<0.2	0.4	56.2	<0.01	<0.01	1.3
MPL001 03+00S																
MPL001 03+25S																
MPL001 03+50S		1.08	28.7	1490	5.3	14.5	<0.001	0.03	0.56	11.4	0.2	0.3	82.4	<0.01	0.02	2.0
MPL001 03+75S		1.16	18.2	1560	5.4	7.5	0.001	0.05	0.43	6.4	0.3	0.5	58.1	<0.01	0.01	0.6
MPL001 04+00S		0.79	10.2	650	6.8	6.5	<0.001	0.03	0.47	3.0	<0.2	0.5	42.2	<0.01	0.01	0.4
MPL001 04+25S		1.04	6.4	340	5.8	7.2	0.001	0.02	0.36	3.3	<0.2	0.5	47.1	<0.01	<0.01	0.6
MPL001 04+50S		1.06	15.3	1050	6.0	10.0	0.001	0.03	0.46	4.4	0.2	0.5	54.6	<0.01	0.01	0.5
MPL001 04+75S		0.91	25.3	3520	5.2	11.4	0.001	0.03	0.51	5.8	0.2	0.4	55.4	<0.01	0.01	0.6
MPL001 05+00S		1.24	45.8	1220	6.0	19.3	<0.001	0.10	0.59	15.6	1.3	0.4	134.5	<0.01	0.03	1.0
MPL001 05+25S		1.00	15.6	760	4.8	7.6	<0.001	0.01	0.51	3.5	0.2	0.5	44.3	<0.01	<0.01	0.4
MPL001 05+50S		0.91	21.3	1450	5.1	8.0	<0.001	0.01	0.44	5.1	<0.2	0.4	43.0	<0.01	0.01	1.0
MPL001 05+75S		0.90	27.7	1730	4.3	8.0	<0.001	0.01	0.46	4.0	<0.2	0.3	36.4	<0.01	0.01	1.1
MPL001 06+00S		0.81	14.8	690	5.6	5.9	<0.001	0.01	0.60	3.2	0.2	0.3	38.8	<0.01	<0.01	1.0
MPL001 06+25S		1.09	21.0	380	5.8	10.3	0.001	0.02	0.52	6.0	0.2	0.4	54.1	<0.01	0.01	0.9
MPL001 06+50S		0.85	19.4	580	4.8	9.6	0.002	0.03	0.36	5.0	0.3	0.3	75.6	<0.01	0.01	0.6
MPL001 06+75S		1.30	12.8	1990	4.9	6.9	0.001	0.02	0.32	3.4	<0.2	0.4	36.9	<0.01	0.01	1.7
MPL001 07+00S		1.26	44.0	710	6.4	21.3	0.003	0.03	0.34	11.6	0.5	0.4	73.9	<0.01	0.02	1.5
MPL001 07+25S		0.87	15.6	790	4.1	9.7	0.001	0.01	0.27	3.5	0.2	0.3	40.2	<0.01	<0.01	0.8
MPL001 07+50S		1.04	19.4	730	4.3	14.4	0.002	0.01	0.26	4.5	0.2	0.4	33.3	<0.01	<0.01	1.0
MPL001 07+75S		0.94	13.2	840	4.2	8.5	<0.001	0.01	0.24	2.9	<0.2	0.3	37.3	<0.01	<0.01	1.5
MPL001 08+00S		1.27	23.3	470	5.4	14.7	0.002	0.03	0.29	6.3	0.5	0.4	102.0	<0.01	0.01	1.3
MPL002 00+00		0.97	16.2	800	3.6	8.9	0.001	0.01	0.44	4.8	<0.2	0.5	33.3	<0.01	0.01	0.8
MPL002 00+25S		0.99	19.2	470	3.0	9.5	0.001	0.01	0.48	6.6	<0.2	0.3	35.1	<0.01	<0.01	2.0
MPL002 00+50S		1.13	15.4	380	4.1	11.3	0.001	0.01	0.36	4.0	0.2	0.4	34.8	<0.01	<0.01	1.2
MPL002 00+75S		2.04	73.4	840	9.6	36.8	0.001	0.05	0.59	37.0	1.0	0.7	116.0	<0.01	0.03	3.5
MPL002 01+00S		1.71	69.5	830	10.1	32.1	0.001	0.03	0.53	20.9	0.8	0.8	85.5	<0.01	0.03	2.8
MPL002 01+25S		1.16	24.4	450	4.9	11.5	<0.001	0.03	0.44	7.8	0.3	0.4	72.5	<0.01	0.01	0.9

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

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 14-SEP-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
MPL001 00+00		0.099	0.07	0.92	95	0.32	12.40	76	2.4
MPL001 00+25S		0.114	0.05	1.10	94	0.25	9.47	51	2.3
MPL001 00+50S		0.101	0.05	0.79	100	0.22	8.33	68	1.2
MPL001 00+75S		0.099	0.04	0.43	75	0.15	4.81	45	1.0
MPL001 01+00S		0.098	0.03	0.40	92	0.22	2.61	58	1.3
MPL001 01+00SD		0.099	0.03	0.46	93	0.18	2.39	52	1.2
MPL001 01+25S		0.114	0.04	0.43	103	0.18	3.52	56	1.4
MPL001 01+50S		0.111	0.04	0.50	88	0.14	4.52	68	1.7
MPL001 01+75S									
MPL001 02+00S		0.116	0.03	0.50	115	0.15	5.33	67	2.1
MPL001 02+25S		0.111	0.03	0.51	97	0.14	5.78	57	1.6
MPL001 02+50S		0.103	0.03	0.43	91	0.13	3.26	60	1.4
MPL001 02+75S		0.099	0.04	0.43	89	0.15	3.01	93	1.5
MPL001 03+00S									
MPL001 03+25S									
MPL001 03+50S		0.129	0.07	0.64	126	0.21	10.90	72	4.0
MPL001 03+75S		0.129	0.02	0.38	124	0.19	4.55	58	2.9
MPL001 04+00S		0.114	0.03	0.31	120	0.14	2.06	54	1.6
MPL001 04+25S		0.160	0.02	0.32	110	0.11	2.08	43	3.6
MPL001 04+50S		0.155	0.03	0.36	144	0.16	2.55	110	2.9
MPL001 04+75S		0.139	0.04	0.65	166	0.22	4.68	148	2.0
MPL001 05+00S		0.073	0.07	2.01	113	0.14	18.50	68	3.5
MPL001 05+25S		0.152	0.03	0.38	157	0.15	2.35	81	2.2
MPL001 05+50S		0.125	0.04	0.35	139	0.21	3.33	88	2.1
MPL001 05+75S		0.108	0.03	0.38	131	0.21	3.46	89	1.7
MPL001 06+00S		0.101	0.03	0.35	90	0.20	3.78	45	1.9
MPL001 06+25S		0.116	0.04	0.52	128	0.21	6.75	52	2.0
MPL001 06+50S		0.076	0.04	0.64	79	0.18	8.73	44	1.2
MPL001 06+75S		0.110	0.04	0.41	80	0.17	3.26	122	2.2
MPL001 07+00S		0.094	0.10	2.87	95	0.13	16.25	78	2.1
MPL001 07+25S		0.095	0.04	0.51	67	0.14	5.59	55	1.1
MPL001 07+50S		0.091	0.07	0.62	74	0.14	5.71	76	1.0
MPL001 07+75S		0.092	0.04	0.47	64	0.11	4.91	51	1.1
MPL001 08+00S		0.095	0.04	1.58	81	0.13	5.73	68	2.3
MPL002 00+00		0.120	0.03	0.38	108	0.13	2.22	88	2.1
MPL002 00+25S		0.122	0.04	0.53	95	0.14	6.17	52	3.4
MPL002 00+50S		0.113	0.04	0.37	89	0.13	3.93	94	1.7
MPL002 00+75S		0.109	0.17	1.27	140	0.18	29.4	112	8.3
MPL002 01+00S		0.110	0.13	0.80	133	0.18	22.0	139	6.5
MPL002 01+25S		0.106	0.05	1.42	104	0.19	11.50	51	2.0

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 14-SEP-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-ST43 Au ppm 0.0001	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 Au ppm 0.02	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1
MPL002 01+50S		0.42	0.0016	0.12	1.33	6.0	<0.02	<10	70	0.30	0.07	0.54	0.12	20.4	9.8	37
MPL002 01+75S		0.33	0.0020	0.06	1.01	4.1	<0.02	<10	70	0.25	0.06	0.41	0.11	16.40	7.5	29
MPL002 02+00S		0.37	0.0011	0.11	1.19	4.6	<0.02	<10	60	0.32	0.07	0.41	0.10	17.90	8.9	34
MPL002 02+25S		0.35	0.0022	0.09	1.18	7.2	<0.02	<10	80	0.40	0.07	0.51	0.10	17.80	12.6	40
MPL002 02+50S		0.25	0.0008	0.10	0.94	5.0	<0.02	<10	70	0.23	0.07	0.56	0.13	12.95	10.0	45
MPL002 02+75S		0.29	0.0031	0.21	1.58	6.5	<0.02	<10	120	0.46	0.07	0.56	0.16	15.85	13.6	47
MPL002 03+00S		0.37	0.0008	0.12	1.34	6.1	<0.02	<10	130	0.33	0.06	0.64	0.14	16.25	12.0	40
MPL002 03+25S		0.27		1.61	5.07	13.4	<0.02	10	340	1.94	0.16	1.38	1.03	43.5	24.8	79
MPL002 03+50S		0.41	0.0018	0.07	1.91	8.2	<0.02	<10	100	0.57	0.05	0.61	0.10	15.65	18.2	40
MPL002 03+75S		0.31	0.0011	0.16	1.97	5.6	<0.02	<10	120	0.53	0.11	0.59	0.17	12.35	14.3	44
MPL002 04+00S		0.31	0.0009	0.12	1.11	3.9	<0.02	<10	100	0.26	0.09	0.50	0.16	11.90	9.8	35
MPL002 04+25S		0.49	0.0014	0.06	2.43	8.1	<0.02	10	120	0.65	0.06	0.59	0.11	12.05	22.5	56
MPL002 04+50S		0.36	0.0019	0.04	1.65	6.2	<0.02	<10	90	0.51	0.06	0.63	0.10	23.8	15.4	41
MPL002 04+75S		0.32	0.0009	0.24	1.45	4.1	<0.02	10	90	0.36	0.07	0.62	0.19	13.85	12.4	36
MPL002 05+00S		0.27		0.40	3.84	8.8	<0.02	10	160	1.43	0.11	1.10	0.26	46.4	22.0	73
MPL002 05+25S		Empty Bag														
MPL002 05+50S		0.40	0.0013	0.25	3.03	7.1	<0.02	10	170	0.89	0.10	0.93	0.39	37.1	22.7	57
MPL002 05+75S		0.41	0.0016	0.05	1.89	6.8	<0.02	<10	90	0.53	0.06	0.87	0.12	26.9	16.9	44
MPL002 06+00S		0.29		0.57	1.79	7.2	<0.02	10	160	0.94	0.07	3.19	0.56	26.7	6.7	34
MPL003 00+00		0.38	0.0016	0.06	1.29	6.8	<0.02	<10	100	0.39	0.06	0.58	0.08	19.25	11.7	44
MPL003 00+25N		0.48	0.0018	0.08	1.56	6.7	<0.02	<10	100	0.31	0.06	0.63	0.10	19.80	14.4	51
MPL003 00+25S		Empty Bag														
MPL003 00+50S		0.52	0.0017	0.09	1.58	6.7	<0.02	<10	90	0.52	0.07	0.57	0.15	27.5	11.8	38
MPL003 00+75S		0.46	0.0012	0.22	1.34	6.4	<0.02	<10	100	0.46	0.07	0.53	0.21	17.30	12.0	34
MPL003 01+00S		<0.02	0.0016	0.15	1.67	7.1	<0.02	<10	100	0.59	0.07	0.48	0.15	18.35	12.8	42
MPL003 01+25S		0.41	0.0083	0.03	1.43	5.0	<0.02	<10	70	0.45	0.06	0.49	0.12	15.65	11.7	31
MPL003 01+50S		0.47	0.0037	0.08	1.43	5.5	<0.02	<10	100	0.50	0.07	0.60	0.16	17.20	13.7	39
MPL003 01+75S		0.48	0.0087	0.05	1.58	6.4	<0.02	<10	100	0.48	0.06	0.66	0.16	13.40	15.4	39
MPL003 02+00S		0.42	0.0010	0.09	1.47	5.6	0.04	<10	100	0.46	0.05	0.58	0.15	14.80	13.2	37
MPL003 02+25S		0.50	0.0058	0.03	1.78	7.4	<0.02	<10	100	0.67	0.05	0.61	0.08	24.1	18.2	45
MPL003 02+50S		0.46	0.0021	0.09	1.51	6.1	<0.02	<10	80	0.60	0.05	0.44	0.16	18.40	14.0	40
MPL003 02+75S		0.49	0.0015	0.05	1.80	7.2	<0.02	<10	80	0.63	0.08	0.49	0.09	14.95	17.2	43
MPL003 03+00S		0.48	0.0010	0.11	1.55	4.8	<0.02	<10	130	0.47	0.06	0.46	0.11	8.60	14.9	47
MPL003 03+25S		0.46	0.0028	0.06	1.47	5.1	<0.02	<10	100	0.43	0.06	0.52	0.08	11.70	13.8	43
MPL003 03+50S		0.50	0.0018	0.09	2.01	4.7	<0.02	<10	100	0.63	0.07	0.57	0.11	16.10	15.9	40
MPL003 03+75S		0.49	0.0013	0.12	2.02	5.7	<0.02	<10	90	0.58	0.07	0.53	0.14	14.20	16.1	46
MPL003 04+00S		0.42	0.0020	0.06	1.84	8.4	<0.02	<10	80	0.49	0.07	0.40	0.07	24.1	13.4	47
MPL003 04+25S		0.52	0.0014	0.13	1.83	6.0	<0.02	<10	110	0.52	0.07	0.51	0.12	13.20	14.8	42
MPL003 04+50S		0.45	0.0006	0.18	1.39	4.3	<0.02	<10	90	0.36	0.09	0.37	0.12	10.40	10.9	39
MPL004 00+00		0.42	0.0017	0.08	1.72	4.2	<0.02	<10	90	0.62	0.06	0.65	0.11	31.7	15.5	38

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Finalized Date: 14-SEP-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
MPL002 01+50S		1.31	33.5	3.21	5.11	<0.05	0.04	0.04	0.014	0.08	10.2	12.3	0.63	307	0.42	0.01
MPL002 01+75S		0.83	19.0	2.83	4.67	<0.05	0.04	0.03	0.012	0.06	8.6	10.8	0.40	271	0.40	<0.01
MPL002 02+00S		1.05	23.5	2.92	4.89	<0.05	0.05	0.03	0.014	0.06	8.9	11.4	0.43	324	0.41	<0.01
MPL002 02+25S		1.01	36.3	3.60	4.95	<0.05	0.04	0.03	0.019	0.09	8.8	10.0	0.50	532	0.50	<0.01
MPL002 02+50S		0.56	20.2	3.52	5.17	<0.05	0.04	0.02	0.013	0.11	6.8	8.3	0.47	356	0.46	<0.01
MPL002 02+75S		1.27	30.7	3.97	6.26	<0.05	0.03	0.02	0.027	0.09	8.1	17.3	0.62	575	0.52	<0.01
MPL002 03+00S		0.93	30.5	3.78	5.34	<0.05	0.05	0.04	0.016	0.09	8.3	10.6	0.67	828	0.50	<0.01
MPL002 03+25S		3.86	343	4.96	10.90	0.11	0.12	0.29	0.047	0.37	37.4	21.7	1.57	1495	0.77	0.01
MPL002 03+50S		2.25	63.5	4.38	5.42	0.05	0.09	0.07	0.019	0.11	7.7	13.0	0.87	476	0.44	<0.01
MPL002 03+75S		2.63	29.1	4.44	7.77	<0.05	0.10	0.04	0.028	0.09	6.1	19.4	0.55	388	0.51	<0.01
MPL002 04+00S		1.44	18.9	3.65	6.13	<0.05	0.07	0.04	0.018	0.06	5.9	11.3	0.40	566	0.45	<0.01
MPL002 04+25S		3.38	64.4	5.87	7.80	0.06	0.11	0.02	0.029	0.10	6.4	18.6	0.97	590	0.57	<0.01
MPL002 04+50S		1.79	61.9	3.49	5.06	0.06	0.06	0.03	0.018	0.12	10.8	12.8	0.88	571	0.41	0.01
MPL002 04+75S		1.62	37.0	3.31	5.20	<0.05	0.04	0.03	0.015	0.08	7.5	13.0	0.64	590	0.50	0.01
MPL002 05+00S		3.97	211	4.37	9.65	0.11	0.06	0.14	0.038	0.17	37.8	25.4	1.54	1165	0.56	0.01
MPL002 05+25S																
MPL002 05+50S		2.24	94.5	4.65	7.91	0.05	0.12	0.02	0.032	0.11	12.1	24.9	1.18	1445	0.42	0.01
MPL002 05+75S		1.31	53.2	3.88	5.50	0.05	0.06	0.01	0.022	0.10	10.8	15.0	0.94	493	0.43	0.01
MPL002 06+00S		1.04	214	1.60	3.33	0.06	0.14	0.32	0.020	0.07	16.7	6.1	0.55	299	0.39	0.01
MPL003 00+00		1.44	35.1	3.58	4.85	<0.05	0.03	0.07	0.017	0.08	9.9	11.4	0.56	353	0.43	0.01
MPL003 00+25N		1.31	58.7	3.97	5.98	<0.05	0.09	0.02	0.016	0.10	9.9	11.8	0.75	392	0.40	0.01
MPL003 00+25S																
MPL003 00+50S		1.71	48.3	3.08	5.06	<0.05	0.04	0.04	0.018	0.09	14.0	15.0	0.65	465	0.43	0.01
MPL003 00+75S		1.21	44.3	3.28	5.42	0.05	0.04	0.03	0.015	0.09	8.7	12.7	0.52	578	1.26	0.01
MPL003 01+00S		1.26	31.8	3.70	4.98	<0.05	0.05	0.05	0.020	0.09	8.8	18.0	0.60	412	0.56	0.01
MPL003 01+25S		1.31	32.4	3.39	4.70	0.05	0.04	0.01	0.012	0.09	8.0	13.6	0.58	392	0.41	0.02
MPL003 01+50S		1.10	34.5	3.66	5.02	0.05	0.04	0.04	0.017	0.09	7.9	14.4	0.65	739	0.45	0.01
MPL003 01+75S		1.27	42.4	4.20	5.83	0.05	0.07	0.01	0.019	0.10	6.8	14.6	0.77	457	0.37	0.02
MPL003 02+00S		1.29	37.1	3.65	4.51	0.05	0.05	0.01	0.015	0.10	7.1	12.2	0.67	417	0.38	0.01
MPL003 02+25S		1.59	62.3	3.99	5.30	0.08	0.13	<0.01	0.017	0.15	10.0	15.6	1.00	536	0.39	0.02
MPL003 02+50S		1.40	45.3	3.70	4.82	0.05	0.05	0.01	0.015	0.08	8.1	12.8	0.65	411	0.41	0.01
MPL003 02+75S		2.27	53.2	4.14	5.08	0.06	0.14	<0.01	0.019	0.10	7.2	13.8	0.85	429	0.42	0.02
MPL003 03+00S		1.92	32.9	4.43	6.12	<0.05	0.15	0.02	0.020	0.07	4.6	15.4	0.63	536	0.48	0.01
MPL003 03+25S		2.21	48.0	3.88	5.53	0.05	0.09	0.01	0.016	0.07	6.2	15.0	0.75	428	0.40	0.02
MPL003 03+50S		2.63	63.0	4.14	6.78	0.05	0.11	0.02	0.022	0.10	7.7	19.8	0.99	451	0.46	0.02
MPL003 03+75S		2.66	63.2	4.31	6.77	0.05	0.07	0.02	0.025	0.09	7.2	18.8	0.92	497	0.55	0.02
MPL003 04+00S		1.67	58.4	3.30	4.83	0.06	0.07	0.02	0.019	0.07	11.0	16.9	0.76	312	0.50	0.01
MPL003 04+25S		1.78	51.4	3.95	5.78	<0.05	0.08	0.04	0.020	0.08	5.6	14.0	0.75	633	0.53	0.01
MPL003 04+50S		1.83	26.3	3.94	6.77	<0.05	0.07	0.02	0.018	0.06	5.2	15.9	0.50	430	0.55	0.02
MPL004 00+00		1.55	51.9	3.02	5.30	0.06	0.04	0.04	0.017	0.09	13.6	15.6	0.83	849	0.31	0.02

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Finalized Date: 14-SEP-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
MPL002 01+50S		0.87	14.8	710	4.1	10.3	0.001	0.01	0.44	3.6	0.3	0.3	48.3	<0.01	0.01	0.7
MPL002 01+75S		0.89	10.4	520	3.8	6.9	0.001	0.01	0.41	2.9	<0.2	0.3	37.0	<0.01	<0.01	0.7
MPL002 02+00S		0.98	12.6	920	4.4	9.8	<0.001	0.01	0.39	3.2	<0.2	0.3	33.1	<0.01	<0.01	1.2
MPL002 02+25S		0.91	15.2	740	4.6	8.9	<0.001	0.02	0.71	4.3	<0.2	0.4	46.8	<0.01	0.01	0.8
MPL002 02+50S		1.12	12.8	710	4.3	7.0	<0.001	0.02	0.44	3.1	<0.2	0.4	46.7	<0.01	<0.01	0.7
MPL002 02+75S		1.00	18.4	1930	4.8	10.1	<0.001	0.02	0.45	4.4	0.2	0.4	49.9	<0.01	<0.01	0.8
MPL002 03+00S		0.97	17.1	1100	4.6	10.1	<0.001	0.02	0.39	4.1	<0.2	0.4	51.2	<0.01	0.01	0.9
MPL002 03+25S		1.38	58.5	1260	8.6	30.8	0.001	0.08	0.80	21.1	0.7	0.5	126.0	<0.01	0.03	1.2
MPL002 03+50S		0.90	23.1	1640	3.9	8.8	0.001	0.01	0.48	5.8	<0.2	0.3	51.8	<0.01	0.02	1.7
MPL002 03+75S		1.42	14.6	3440	5.7	10.6	<0.001	0.01	0.34	5.3	<0.2	0.5	49.3	<0.01	0.01	1.6
MPL002 04+00S		1.20	10.8	1150	5.5	7.3	<0.001	0.01	0.36	3.6	<0.2	0.5	43.4	<0.01	0.01	1.2
MPL002 04+25S		1.12	30.5	2290	4.8	11.0	<0.001	0.01	0.47	7.5	<0.2	0.4	49.0	<0.01	0.01	1.5
MPL002 04+50S		0.92	21.4	1100	4.3	9.8	<0.001	0.01	0.39	6.0	<0.2	0.3	57.0	<0.01	0.01	2.0
MPL002 04+75S		1.02	15.5	1050	4.5	9.1	<0.001	0.03	0.33	3.7	<0.2	0.4	52.3	<0.01	0.01	0.6
MPL002 05+00S		1.22	38.5	770	6.4	19.0	<0.001	0.04	0.48	22.6	0.7	0.5	92.0	<0.01	0.01	1.1
MPL002 05+25S																
MPL002 05+50S		1.36	32.8	600	6.2	14.5	<0.001	0.02	0.39	11.7	0.4	0.5	76.5	<0.01	0.01	2.2
MPL002 05+75S		1.14	23.2	1140	4.4	10.1	<0.001	0.02	0.36	6.2	0.2	0.3	62.1	<0.01	0.01	1.7
MPL002 06+00S		0.70	20.7	1070	3.7	4.9	0.011	0.23	0.67	7.7	3.0	1.4	157.5	0.01	0.03	0.5
MPL003 00+00		0.95	15.7	1130	4.2	9.6	0.001	0.02	0.59	4.0	0.2	0.3	43.9	<0.01	0.01	1.2
MPL003 00+25N		1.17	17.0	1270	5.0	9.3	<0.001	0.01	0.43	4.7	0.2	0.4	44.0	<0.01	<0.01	1.8
MPL003 00+25S																
MPL003 00+50S		0.95	15.9	780	4.4	10.6	0.001	0.01	0.42	5.0	<0.2	0.3	49.6	<0.01	0.02	1.1
MPL003 00+75S		0.86	21.2	770	10.3	10.2	<0.001	0.02	0.86	3.5	<0.2	0.3	51.0	<0.01	0.01	0.7
MPL003 01+00S		0.90	23.8	1740	5.1	7.8	<0.001	0.02	0.49	4.3	0.3	0.3	37.9	<0.01	0.02	1.8
MPL003 01+25S		0.79	15.8	1340	4.8	9.3	<0.001	0.01	0.51	3.6	<0.2	0.3	42.4	<0.01	0.01	1.6
MPL003 01+50S		0.73	21.1	1340	4.9	8.1	<0.001	0.01	0.41	4.7	<0.2	0.3	45.9	<0.01	0.02	1.2
MPL003 01+75S		0.88	17.9	2080	5.0	8.9	<0.001	0.01	0.44	5.6	<0.2	0.3	55.6	<0.01	0.02	1.5
MPL003 02+00S		0.75	20.9	1630	4.4	8.8	<0.001	0.01	0.40	4.5	<0.2	0.3	42.6	<0.01	0.02	1.5
MPL003 02+25S		0.65	29.2	1250	4.8	12.4	<0.001	0.01	0.37	6.7	<0.2	0.3	52.7	<0.01	0.01	2.4
MPL003 02+50S		0.71	22.0	1300	4.2	8.4	<0.001	0.01	0.37	5.5	<0.2	0.3	38.6	<0.01	0.01	1.5
MPL003 02+75S		0.57	28.2	1320	4.1	8.5	<0.001	0.01	0.44	6.6	<0.2	0.3	42.1	<0.01	0.02	2.0
MPL003 03+00S		0.77	21.7	1230	4.7	9.0	<0.001	0.01	0.33	4.7	<0.2	0.4	39.5	<0.01	0.01	1.1
MPL003 03+25S		0.75	20.2	1010	4.3	7.7	<0.001	0.01	0.38	5.2	<0.2	0.4	45.4	<0.01	0.01	1.2
MPL003 03+50S		0.94	24.1	1780	4.3	10.6	<0.001	0.01	0.32	6.3	<0.2	0.4	49.0	<0.01	0.01	1.7
MPL003 03+75S		1.00	24.8	1640	4.5	8.9	<0.001	0.01	0.33	5.9	<0.2	0.4	45.2	<0.01	0.02	1.5
MPL003 04+00S		0.91	26.0	1610	4.8	7.7	<0.001	0.01	0.27	4.6	<0.2	0.3	32.3	<0.01	0.02	2.9
MPL003 04+25S		0.90	24.8	1370	5.3	8.8	<0.001	0.01	0.31	4.5	0.2	0.4	44.7	<0.01	0.02	1.3
MPL003 04+50S		0.97	13.6	1620	5.7	8.1	<0.001	0.01	0.30	4.0	<0.2	0.5	40.5	<0.01	0.02	1.2
MPL004 00+00		0.89	20.6	760	5.2	11.2	<0.001	0.02	0.32	6.1	0.2	0.3	50.1	<0.01	0.01	1.6

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

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
MPL002 01+50S		0.117	0.04	0.49	104	0.17	4.91	46	1.5
MPL002 01+75S		0.103	0.03	0.36	92	0.17	2.83	47	1.3
MPL002 02+00S		0.108	0.03	0.38	90	0.16	3.16	45	1.6
MPL002 02+25S		0.111	0.04	0.39	116	0.23	3.65	52	1.4
MPL002 02+50S		0.131	0.02	0.33	114	0.21	2.41	51	1.9
MPL002 02+75S		0.111	0.04	0.43	107	0.23	3.14	96	1.5
MPL002 03+00S		0.128	0.04	0.44	116	0.14	3.59	66	2.0
MPL002 03+25S		0.075	0.10	1.58	116	0.22	43.0	123	3.6
MPL002 03+50S		0.126	0.04	0.47	134	0.21	4.35	58	3.5
MPL002 03+75S		0.145	0.04	0.45	122	0.19	2.64	121	4.7
MPL002 04+00S		0.137	0.03	0.32	111	0.13	2.25	73	2.9
MPL002 04+25S		0.161	0.03	0.46	177	0.23	3.82	81	5.0
MPL002 04+50S		0.121	0.05	0.50	106	0.15	6.19	49	2.7
MPL002 04+75S		0.114	0.03	0.35	99	0.15	3.10	73	1.8
MPL002 05+00S		0.099	0.10	1.43	123	0.22	48.6	78	2.0
MPL002 05+25S									
MPL002 05+50S		0.147	0.08	0.60	144	0.17	10.10	104	5.0
MPL002 05+75S		0.119	0.04	0.57	113	0.13	6.38	55	2.8
MPL002 06+00S		0.030	0.05	2.61	93	0.10	21.4	34	4.7
MPL003 00+00		0.108	0.04	0.43	111	0.17	4.56	50	1.4
MPL003 00+25N		0.161	0.03	0.46	128	0.14	4.52	67	3.7
MPL003 00+25S									
MPL003 00+50S		0.112	0.04	0.62	97	0.15	7.59	59	1.4
MPL003 00+75S		0.107	0.02	0.46	102	0.19	4.52	64	1.6
MPL003 01+00S		0.093	0.04	0.49	103	0.17	4.69	66	2.0
MPL003 01+25S		0.104	0.03	0.41	102	0.22	3.60	56	1.8
MPL003 01+50S		0.109	0.04	0.41	107	0.16	3.91	76	1.7
MPL003 01+75S		0.130	0.02	0.44	125	0.20	3.95	66	3.7
MPL003 02+00S		0.104	0.03	0.40	107	0.16	3.88	63	2.2
MPL003 02+25S		0.130	0.05	0.48	119	0.13	5.41	51	5.5
MPL003 02+50S		0.102	0.03	0.44	111	0.16	4.07	63	2.2
MPL003 02+75S		0.111	0.04	0.44	122	0.17	4.24	52	7.1
MPL003 03+00S		0.122	0.03	0.33	135	0.14	2.44	82	6.3
MPL003 03+25S		0.119	0.02	0.40	119	0.16	3.53	61	3.5
MPL003 03+50S		0.140	0.03	0.49	123	0.17	4.42	77	4.9
MPL003 03+75S		0.136	0.04	0.43	128	0.17	4.02	76	3.4
MPL003 04+00S		0.099	0.04	0.47	90	0.13	4.60	52	3.3
MPL003 04+25S		0.115	0.04	0.39	118	0.21	3.60	65	3.5
MPL003 04+50S		0.128	0.03	0.36	120	0.14	2.39	65	3.3
MPL004 00+00		0.108	0.06	0.61	101	0.13	7.69	49	1.9

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 14-SEP-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

Sample Description	Method	WEI-21	Au-ST43	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Recvd Wt.	Au	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.0001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
MPL004 00+25S		0.49	0.0023	0.06	1.45	3.1	<0.02	<10	50	0.36	0.07	0.44	0.06	15.80	11.9	34
MPL004 00+50S		0.47	0.0012	0.04	2.02	4.6	<0.02	<10	80	0.56	0.06	0.43	0.06	17.35	14.7	43
MPL004 00+75S		0.45	0.0012	0.04	1.61	3.1	<0.02	<10	80	0.44	0.07	0.49	0.07	12.90	11.1	33
MPL004 01+00S		0.50	0.0010	0.07	1.89	3.6	<0.02	<10	60	0.55	0.08	0.31	0.08	14.65	10.9	34
MPL004 01+25S		Empty Bag														
MPL004 01+50S		Empty Bag														
MPL004 01+75S		Empty Bag														
MPL004 02+00S		Empty Bag														
MPL004 02+25S		0.40	0.0010	0.04	1.34	3.0	<0.02	<10	80	0.27	0.07	0.50	0.11	14.45	8.9	33
MPL004 02+50S		Empty Bag														
MPL004 02+75S		0.43	0.0030	0.08	1.85	7.5	<0.02	<10	140	0.62	0.06	0.80	0.13	27.4	20.8	44
MPL004 03+00S		0.43	0.0298	0.21	2.06	8.6	<0.02	10	100	0.67	0.06	0.58	0.17	16.20	15.7	42
MPL004 03+25S		Empty Bag														
MPL004 03+50S		0.56	0.0031	0.06	1.74	6.7	<0.02	<10	70	0.50	0.05	0.62	0.14	19.10	15.0	37
MPL004 03+75S		0.34	0.0013	0.17	0.92	7.4	<0.02	10	210	0.41	0.07	0.76	0.22	9.50	14.1	31
MPL004 04+00S		0.55	0.0031	0.13	2.89	7.1	<0.02	<10	210	0.71	0.08	1.06	0.16	26.2	18.2	52
MPL004 04+25S		0.52	0.0007	0.07	1.47	9.0	<0.02	<10	110	0.61	0.06	0.48	0.07	13.75	19.0	44
MPL004 04+50S		0.45	0.0116	0.06	1.90	4.3	<0.02	<10	130	0.54	0.08	0.42	0.12	16.10	11.4	36
MPL004 04+75S		0.46	0.0014	0.07	1.90	5.0	<0.02	<10	140	0.50	0.08	0.68	0.12	21.5	12.6	41
MPL004 05+00S		0.43	0.0016	0.09	1.92	4.3	<0.02	<10	110	0.40	0.09	0.38	0.09	17.90	11.1	41
MPL004 05+25S		0.47	0.0026	0.08	2.51	4.1	<0.02	<10	100	0.54	0.11	0.25	0.09	15.65	13.3	45
MPL004 05+50S		Empty Bag														
MPL004 05+75S		0.41	0.0318	0.08	2.27	5.1	<0.02	<10	70	0.57	0.09	0.31	0.08	20.2	12.1	46
MPL004 06+00S		0.46	0.0012	0.05	2.02	3.5	<0.02	<10	60	0.42	0.08	0.36	0.07	14.60	12.4	39
MPL004 06+25S		Empty Bag														
MPL004 06+50S		0.50	0.0106	0.09	2.93	5.7	<0.02	<10	120	0.65	0.10	0.46	0.12	18.00	17.5	39
MPL004 06+75S		0.44	0.0017	0.07	3.14	6.4	<0.02	<10	140	0.63	0.10	0.48	0.12	18.05	12.5	49

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 14-SEP-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cs	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
	LOD	0.05	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01
MPL004 00+25S		1.53	34.5	3.67	6.10	<0.05	0.10	0.02	0.015	0.05	8.1	15.3	0.88	304	0.37	0.02
MPL004 00+50S		1.71	44.7	3.87	5.98	0.05	0.14	0.03	0.019	0.08	8.4	16.9	0.86	326	0.47	0.01
MPL004 00+75S		1.43	30.9	3.46	5.84	<0.05	0.11	0.01	0.016	0.06	6.3	14.6	0.60	437	0.41	0.02
MPL004 01+00S		1.84	28.7	3.47	6.32	<0.05	0.16	0.04	0.022	0.07	7.1	15.4	0.51	279	0.50	0.01
MPL004 01+25S																
MPL004 01+50S																
MPL004 01+75S																
MPL004 02+00S																
MPL004 02+25S		2.86	26.7	2.79	5.05	<0.05	0.08	0.01	0.013	0.06	7.3	12.8	0.50	511	0.42	0.02
MPL004 02+50S																
MPL004 02+75S		1.95	92.3	4.20	5.59	0.09	0.07	0.06	0.021	0.18	13.1	15.0	1.23	881	0.47	0.02
MPL004 03+00S		1.75	63.5	4.48	6.55	0.05	0.04	0.04	0.022	0.10	7.8	20.4	0.90	403	0.66	0.02
MPL004 03+25S																
MPL004 03+50S		1.23	41.7	3.96	5.12	0.05	0.05	0.01	0.021	0.07	8.9	16.4	0.81	384	0.46	0.02
MPL004 03+75S		1.18	35.5	4.16	3.94	<0.05	<0.02	0.15	0.021	0.09	4.6	7.4	0.33	1730	0.88	0.01
MPL004 04+00S		1.87	49.7	4.16	6.59	0.06	0.08	0.05	0.027	0.09	12.2	33.6	0.89	365	0.47	0.02
MPL004 04+25S		1.62	122.0	5.89	6.12	0.05	0.02	<0.01	0.040	0.08	5.8	11.9	0.66	1290	0.67	0.02
MPL004 04+50S		1.25	33.9	3.36	5.60	<0.05	0.04	0.01	0.021	0.08	7.9	14.2	0.57	812	0.54	0.01
MPL004 04+75S		1.32	46.3	3.15	5.78	0.05	0.04	0.02	0.018	0.08	11.1	18.0	0.75	744	0.50	0.01
MPL004 05+00S		1.11	28.3	2.96	5.67	<0.05	0.03	0.03	0.020	0.08	9.1	18.6	0.55	518	0.49	0.01
MPL004 05+25S		1.70	30.2	3.50	7.03	<0.05	0.06	0.01	0.023	0.09	7.9	16.2	0.58	371	0.57	0.01
MPL004 05+50S																
MPL004 05+75S		1.47	34.7	3.33	5.83	<0.05	0.05	0.01	0.020	0.08	10.0	17.1	0.61	249	0.57	0.01
MPL004 06+00S		1.67	33.6	3.44	6.46	<0.05	0.06	<0.01	0.019	0.10	7.3	15.3	0.79	280	0.61	0.01
MPL004 06+25S																
MPL004 06+50S		2.10	56.9	4.23	10.75	<0.05	0.04	0.02	0.039	0.09	8.9	25.4	1.17	432	0.76	0.01
MPL004 06+75S		2.57	55.9	4.05	7.90	<0.05	0.05	0.06	0.028	0.08	9.1	21.3	0.68	311	0.73	0.01

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44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 14-SEP-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
MPL004 00+25S		0.82	15.8	900	5.2	7.9	<0.001	0.01	0.34	3.8	<0.2	0.4	42.3	<0.01	0.01	1.7
MPL004 00+50S		0.85	27.6	1080	4.2	9.9	<0.001	0.01	0.29	4.8	<0.2	0.4	36.5	<0.01	0.01	2.1
MPL004 00+75S		0.83	15.3	880	5.1	9.0	<0.001	0.01	0.30	4.0	<0.2	0.4	42.6	<0.01	0.01	1.5
MPL004 01+00S		1.06	16.1	1210	5.1	9.8	<0.001	0.01	0.28	4.0	<0.2	0.4	30.2	<0.01	0.01	1.9
MPL004 01+25S																
MPL004 01+50S																
MPL004 01+75S																
MPL004 02+00S																
MPL004 02+25S		0.94	13.4	1080	7.6	8.3	<0.001	0.01	0.21	3.2	<0.2	0.4	42.1	<0.01	0.01	1.7
MPL004 02+50S																
MPL004 02+75S		0.76	28.1	1560	5.5	12.8	<0.001	0.02	0.44	10.1	0.2	0.3	62.9	<0.01	0.02	2.1
MPL004 03+00S		0.98	21.3	1770	4.8	8.8	<0.001	0.01	0.47	5.7	<0.2	0.4	52.3	<0.01	0.02	1.5
MPL004 03+25S																
MPL004 03+50S		0.92	17.6	1580	4.5	8.1	<0.001	0.02	0.45	4.8	<0.2	0.3	55.0	<0.01	0.02	1.4
MPL004 03+75S		0.62	12.4	820	6.9	9.6	<0.001	0.04	0.93	5.0	<0.2	0.4	57.0	<0.01	0.02	0.2
MPL004 04+00S		1.32	30.9	940	5.2	8.9	<0.001	0.03	0.29	7.4	0.5	0.4	58.8	<0.01	0.02	1.5
MPL004 04+25S		0.57	15.4	1140	3.8	9.7	<0.001	0.01	0.38	13.3	<0.2	0.5	37.1	<0.01	0.01	0.8
MPL004 04+50S		1.04	18.6	1140	5.0	10.0	<0.001	0.01	0.28	3.5	<0.2	0.4	35.3	<0.01	0.02	1.6
MPL004 04+75S		0.98	23.2	850	4.6	10.4	<0.001	0.02	0.83	4.6	<0.2	0.4	40.6	<0.01	0.02	1.2
MPL004 05+00S		1.10	20.4	1150	5.2	10.4	<0.001	0.02	0.23	3.2	<0.2	0.4	27.9	<0.01	0.02	1.7
MPL004 05+25S		1.12	28.2	1260	5.9	14.0	<0.001	0.01	0.23	3.8	<0.2	0.5	21.0	<0.01	0.02	2.1
MPL004 05+50S																
MPL004 05+75S		1.11	27.2	1150	4.9	11.8	<0.001	0.01	0.25	3.6	0.2	0.4	26.0	<0.01	0.02	2.1
MPL004 06+00S		1.06	21.5	880	4.5	11.3	<0.001	0.01	0.19	4.5	<0.2	0.4	26.9	<0.01	0.02	1.7
MPL004 06+25S																
MPL004 06+50S		1.34	29.1	1820	4.8	10.4	<0.001	0.02	0.29	6.9	<0.2	0.6	38.7	<0.01	0.02	1.8
MPL004 06+75S		1.38	29.9	2280	5.7	10.9	<0.001	0.02	0.27	4.4	0.2	0.5	60.6	<0.01	0.02	2.2

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

ALS Canada Ltd.
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www.alsglobal.com/geochemistry

To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 14-SEP-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Ti	Tl	U	V	W	Y	Zn	Zr
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.005	0.02	0.05	1	0.05	0.05	2	0.5
MPL004 00+25S		0.132	0.04	0.47	115	0.13	3.75	41	4.4
MPL004 00+50S		0.118	0.04	0.50	110	0.11	4.06	49	5.6
MPL004 00+75S		0.113	0.03	0.39	101	0.12	2.75	55	4.8
MPL004 01+00S		0.108	0.04	0.45	93	0.14	2.68	63	5.7
MPL004 01+25S									
MPL004 01+50S									
MPL004 01+75S									
MPL004 02+00S									
MPL004 02+25S		0.105	0.04	0.33	84	0.10	2.79	50	3.7
MPL004 02+50S									
MPL004 02+75S		0.119	0.05	0.58	123	0.19	10.10	60	3.2
MPL004 03+00S		0.117	0.02	0.71	133	0.22	4.42	73	1.9
MPL004 03+25S									
MPL004 03+50S		0.117	0.02	0.48	120	0.20	5.31	53	2.3
MPL004 03+75S		0.056	0.03	0.40	125	0.37	2.25	83	0.5
MPL004 04+00S		0.133	0.05	0.99	114	0.16	8.94	59	3.5
MPL004 04+25S		0.073	0.03	0.45	155	0.18	3.13	74	0.8
MPL004 04+50S		0.101	0.05	0.39	92	0.14	3.18	71	2.0
MPL004 04+75S		0.107	0.06	0.52	91	0.12	5.33	59	1.7
MPL004 05+00S		0.088	0.05	0.40	76	0.12	3.16	66	1.5
MPL004 05+25S		0.101	0.08	0.37	85	0.12	2.30	71	2.6
MPL004 05+50S									
MPL004 05+75S		0.090	0.06	0.50	81	0.11	3.49	67	1.8
MPL004 06+00S		0.106	0.04	0.35	91	0.12	3.04	55	2.5
MPL004 06+25S									
MPL004 06+50S		0.099	0.06	0.53	113	0.16	4.01	81	2.0
MPL004 06+75S		0.101	0.07	0.52	103	0.14	3.25	76	2.2

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

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 14-SEP-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-001)

CERTIFICATE OF ANALYSIS KL22202246

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).
ME-MS41

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.
DISP-01 LOG-22 SCR-41 WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-ST43 ME-MS41

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 29-AUG-2022
Account: TELOEX

CERTIFICATE KL22202255

Project: Mt Polley W Project (MP22-002)

P.O. No.: MP2022-1

This report is for 20 samples of Rock submitted to our lab in Kamloops, BC, Canada on 22-JUL-2022.

The following have access to data associated with this certificate:

VANESSA BEACH	JESSE CAMPBELL	ERIC MORLEY

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
DISP-01	Disposal of all sample fractions
CRU-QC	Crushing QC Test
BAG-01	Bulk Master for Storage
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-MS61	48 element four acid ICP-MS	

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

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

Signature:

Saa Traxler, Director, North Vancouver Operations

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44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 29-AUG-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-002)

CERTIFICATE OF ANALYSIS KL22202255

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
EEMPR001		2.88	0.007	0.04	6.70	11.2	980	1.18	0.04	7.92	0.09	25.4	31.5	87	1.53	37.2
EEMPR001B		1.71	<0.005	0.01	0.06	<0.2	10	0.06	0.01	20.3	0.06	0.77	0.3	1	0.09	1.0
EEMPR002		3.94	0.009	0.01	8.53	19.9	760	1.14	0.05	4.45	0.08	22.2	15.6	20	0.20	2.1
EEMPR003		0.91	0.008	0.02	7.63	3.4	480	0.75	0.01	5.99	0.09	14.50	26.0	33	0.55	19.2
EEMPR004		0.97	0.007	0.22	8.16	5.2	840	1.06	0.03	5.11	0.09	14.90	22.1	57	1.08	156.5
EEMPR005		1.03	0.006	0.04	8.69	5.9	100	1.50	0.04	17.05	0.26	15.05	23.1	58	0.87	108.0
EEMPR006		2.68	0.006	0.02	7.72	4.8	1120	1.44	0.02	4.49	0.07	31.3	31.6	1	17.20	93.2
EHMPR001		0.60	0.016	0.13	1.64	15.2	60	0.75	<0.01	13.55	0.14	4.45	18.1	25	0.81	19.1
EMMPR001		1.22	0.005	0.05	7.43	2.3	230	0.75	0.02	6.87	0.13	27.3	26.1	58	0.20	131.0
EMMPR002		1.06	<0.005	0.01	7.45	3.1	1480	1.48	0.04	5.40	0.09	30.8	35.2	133	0.61	25.2
EMMPR003		1.11	0.008	0.18	8.40	2.6	700	0.93	0.01	7.00	0.19	15.80	32.9	63	0.37	1005
EMMPR003S		0.07	0.294	16.40	3.36	265	120	0.46	9.86	2.22	44.8	19.85	16.0	48	0.86	2160
EMMPR004		1.65	0.011	0.13	6.16	4.6	810	1.30	0.02	7.66	0.14	28.2	44.9	88	1.81	271
EMMPR005		0.95	0.010	0.14	8.05	2.1	900	1.55	0.02	7.52	0.11	33.3	37.9	19	4.86	324
EMMPR006		0.84	0.006	0.08	7.65	5.4	980	1.39	0.02	5.60	0.06	32.4	35.1	21	10.25	199.0
EMMPR007		1.43	0.010	0.33	7.49	4.4	1040	1.42	0.01	3.81	0.05	24.1	37.3	34	0.37	1595
EMMPR008		0.94	0.007	0.11	8.03	6.7	530	1.48	0.02	7.68	0.13	32.0	35.1	19	1.91	669
EMMPR009		1.06	<0.005	0.01	6.02	3.5	260	1.27	<0.01	6.98	0.05	20.6	36.2	204	0.20	47.9
EMMPR010		1.48	<0.005	0.04	4.90	5.0	260	0.80	0.03	8.06	0.10	17.65	29.4	173	0.49	59.0
EMMPR011		2.22	0.006	0.06	0.78	6.8	80	0.86	0.01	17.20	0.10	4.61	34.5	81	0.16	136.5

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

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 29-AUG-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-002)

CERTIFICATE OF ANALYSIS KL22202255

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
EEMPR001		7.02	12.95	0.14	1.4	0.054	2.37	12.5	31.3	3.52	1120	1.20	2.25	2.3	28.5	3330
EEMPR001B		0.12	0.15	0.08	<0.1	<0.005	0.02	<0.5	2.1	12.50	116	<0.05	0.01	0.1	0.3	20
EEMPR002		5.05	18.05	0.12	1.9	0.052	1.80	10.2	17.6	1.66	1465	0.35	3.93	2.8	8.7	1230
EEMPR003		6.35	12.10	0.09	1.3	0.040	1.00	7.2	20.0	3.12	1235	0.39	3.88	1.8	19.6	1440
EEMPR004		5.30	12.75	0.10	1.2	0.045	1.69	8.4	16.4	1.41	1055	1.41	3.22	2.0	24.6	1610
EEMPR005		5.72	32.4	0.09	1.1	0.036	0.42	8.0	8.5	1.29	1035	0.77	0.69	1.5	26.9	1420
EEMPR006		7.39	12.15	0.14	1.5	0.046	4.35	15.4	33.4	3.40	1400	0.35	2.24	2.8	12.0	3680
EHMPR001		4.08	3.58	0.06	0.3	0.020	0.49	2.2	66.4	0.37	709	0.65	0.02	0.4	16.2	570
EMMPR001		6.91	12.45	0.11	1.5	0.052	1.90	12.8	9.8	1.19	1350	0.53	4.17	2.6	16.6	2600
EMMPR002		7.32	12.70	0.12	1.4	0.052	3.14	15.5	44.0	4.18	1450	0.71	2.17	2.6	41.6	3220
EMMPR003		7.57	15.80	0.09	1.5	0.043	2.08	7.8	34.7	3.44	1545	0.71	2.15	2.3	24.9	1640
EMMPR003S		8.89	10.70	0.15	1.3	1.680	0.46	10.6	28.2	2.55	502	11.85	0.10	3.0	28.6	400
EMMPR004		8.74	13.35	0.11	1.5	0.058	1.70	13.8	38.4	4.73	1390	0.59	1.60	2.4	31.4	3120
EMMPR005		8.25	16.05	0.10	1.8	0.055	1.43	15.5	19.9	3.13	1655	1.60	2.96	3.1	13.0	2990
EMMPR006		7.95	13.75	0.13	1.7	0.060	3.94	15.3	20.9	3.57	1235	0.56	2.01	2.9	13.6	2870
EMMPR007		7.77	16.55	0.13	1.4	0.044	3.87	11.8	27.0	4.30	1280	1.17	1.89	2.8	18.6	2970
EMMPR008		8.12	20.8	0.09	1.6	0.057	1.40	15.2	24.5	3.48	2060	0.89	2.66	2.8	12.5	2840
EMMPR009		7.23	12.10	0.09	1.3	0.045	1.39	10.3	15.7	4.99	1230	0.20	3.05	2.1	43.3	2520
EMMPR010		6.06	9.36	0.08	0.8	0.043	2.21	8.8	4.3	4.00	1150	0.37	2.11	1.7	35.0	2220
EMMPR011		2.75	1.65	<0.05	0.3	0.007	0.05	2.2	10.7	9.20	1035	0.19	0.04	0.7	93.0	310

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44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 29-AUG-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-002)

CERTIFICATE OF ANALYSIS KL22202255

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
EEMPR001		10.8	33.3	<0.002	0.01	0.61	31.9	<1	0.8	744	0.13	<0.05	1.75	0.399	0.09	1.1
EEMPR001B		1.6	0.9	<0.002	<0.01	0.13	0.1	<1	<0.2	45.2	<0.05	<0.05	0.10	<0.005	<0.02	<0.1
EEMPR002		4.4	27.6	<0.002	0.01	0.56	13.7	<1	0.9	1215	0.16	<0.05	1.41	0.416	0.11	1.0
EEMPR003		5.0	38.1	<0.002	<0.01	0.25	24.8	<1	0.6	1365	0.11	<0.05	1.00	0.373	0.05	0.5
EEMPR004		5.8	30.1	0.002	0.05	3.26	17.1	<1	0.6	646	0.13	<0.05	1.06	0.327	0.14	0.7
EEMPR005		10.3	17.1	<0.002	0.01	0.74	18.8	<1	0.6	687	0.10	<0.05	1.01	0.296	0.07	0.5
EEMPR006		6.9	70.2	<0.002	<0.01	0.26	20.9	<1	0.7	1180	0.15	<0.05	2.12	0.421	0.09	0.9
EHMPR001		1.6	13.6	<0.002	0.01	19.20	11.7	<1	<0.2	449	<0.05	0.15	0.27	0.114	0.06	0.3
EMMPR001		5.1	29.5	<0.002	0.01	0.11	31.9	<1	0.8	362	0.15	<0.05	1.78	0.449	0.05	1.0
EMMPR002		7.0	50.7	<0.002	<0.01	0.28	31.3	<1	0.8	1425	0.14	<0.05	2.20	0.396	0.10	0.8
EMMPR003		7.6	30.4	<0.002	<0.01	0.14	30.2	<1	0.7	955	0.13	<0.05	1.18	0.449	0.06	0.8
EMMPR003S		1030	15.7	0.011	6.82	40.4	5.8	28	16.7	71.1	0.23	0.29	2.66	0.116	6.52	2.4
EMMPR004		7.8	37.8	<0.002	0.01	0.35	39.0	<1	0.8	1030	0.13	<0.05	1.62	0.447	0.07	0.8
EMMPR005		7.2	25.7	<0.002	<0.01	0.14	29.5	<1	0.9	1410	0.16	<0.05	2.35	0.478	0.03	1.0
EMMPR006		7.6	77.8	<0.002	<0.01	0.12	28.1	<1	0.9	1230	0.16	<0.05	2.38	0.463	0.10	1.1
EMMPR007		7.7	56.6	<0.002	0.01	0.22	24.8	<1	0.8	960	0.16	<0.05	1.79	0.463	0.09	1.5
EMMPR008		7.5	42.3	<0.002	<0.01	0.57	29.0	<1	0.8	1560	0.16	<0.05	2.30	0.471	0.05	0.9
EMMPR009		2.4	25.5	<0.002	<0.01	1.86	39.4	<1	0.7	489	0.12	<0.05	1.50	0.367	0.04	0.6
EMMPR010		3.1	54.7	<0.002	<0.01	1.37	32.8	<1	0.6	423	0.10	<0.05	1.26	0.312	0.06	0.9
EMMPR011		2.7	1.4	<0.002	<0.01	1.02	3.7	<1	0.2	661	<0.05	<0.05	0.46	0.051	<0.02	0.4

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

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

To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 29-AUG-2022
Account: TELOEX

Project: Mt Polley W Project (MP22-002)

CERTIFICATE OF ANALYSIS KL22202255

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	V	W	Y	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm
	LOD	1	0.1	0.1	2	0.5
EEMPR001		270	1.1	12.4	93	45.2
EEMPR001B		1	<0.1	0.3	4	<0.5
EEMPR002		211	0.7	20.4	84	59.7
EEMPR003		242	0.2	14.2	76	41.2
EEMPR004		191	0.6	14.8	88	39.8
EEMPR005		306	0.3	13.1	47	37.8
EEMPR006		260	0.3	15.5	93	52.2
EHMPR001		59	1.4	3.9	62	8.9
EMMPR001		285	0.2	13.3	65	49.6
EMMPR002		297	0.4	13.6	90	45.9
EMMPR003		288	0.2	16.7	100	49.3
EMMPR003S		75	1.6	9.2	7170	40.2
EMMPR004		320	0.3	15.3	105	47.6
EMMPR005		326	0.4	17.5	105	60.6
EMMPR006		296	0.4	15.8	102	56.3
EMMPR007		303	0.6	13.6	109	48.2
EMMPR008		378	0.5	16.1	105	52.3
EMMPR009		212	0.2	11.1	74	40.1
EMMPR010		206	0.5	9.2	64	22.4
EMMPR011		55	2.4	4.6	90	12.4

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CERTIFICATE OF ANALYSIS KL22202255

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada.

BAG-01	CRU-31	CRU-QC	DISP-01
LOG-22	LOG-23	PUL-32m	PUL-QC
SPL-21	WEI-21		

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA23	ME-MS61