ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: 2024 Mount Polley West Project Assessment Report

TOTAL COST: $81,649.91

AUTHOR(S): Ashton Baich
SIGNATURE(S): A Baich

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): **6047856 – December 17th, 2024 and 6060967 – March 13, 2025**

YEAR OF WORK: **2024**

PROPERTY NAME: **Mount Polley West**

CLAIM NAME(S) (on which work was done): **1112547, 1106291, 1106026, 1107275, 110625**

COMMODITIES SOUGHT: **Cu, Au**

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN: **093A – 318, 307, 309, 066, 118, 310, 312, 311, 314, 196, 313, 069**

MINING DIVISION: **Cariboo Mining Division**
NTS / BCGS: 093A-12
LATITUDE: 52.54158
LONGITUDE: -121.73575 (at centre of work)
UTM Zone: **10N** EASTING: **585738 mE** NORTHING: **5822030 mN**

OWNER(S): **Eagle Plains Resources**

MAILING ADDRESS:
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OPERATOR(S):

MAILING ADDRESS:

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)
Mount Polley, Likely, Cariboo, Quesnellia, Copper-Gold porphyry, calc-alkalic, volcanic, breccia, copper, silver, gold, malachite, sulfides, native copper.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

00815, 00862, 00871, 00885, 00924, 01097, 01644, 04683, 11349, 11830, 12589, 12596, 12692, 12903, 13063, 13430a, 13430c, 13430b, 14401a, 14401b, 20792, 21516, 21584, 22455, 22897, 23549, 24566, 25180, 25301, 25261, 25717, 25960, 26614, 27752, 28000, 28339, 32283, 32393, 32706, 34571, 34223, 37266, 37963, 40295, 41121, 41123, and 42134.

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Airborne			
GEOCHEMICAL (number of samples analysed for …)			
Soil			
Silt			
Rock 3		**110625, 110626**	**$ 11,430.98**
Other – Till – 38		**1112547, 1106291, 1106026, 1107275, 110625**	**$ 70,218.93**
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
PROSPECTING (scale/area)			

PREPATORY / PHYSICAL		
Line/grid (km)		
Topo/Photogrammetric (scale, area)		
Trench (number/metres)		
Underground development (metres)		
Other		
	TOTAL COST	**$81,649.91**

2024 TILL GEOCHEMISTRY ASSESSMENT REPORT

for the

MOUNT POLLEY WEST PROPERTY

Williams Lake Area, BC

Centre of Work:

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

(NTS 093A-12)

Caribou Mining District

Prepared for:

Eagle Plains Resources Ltd.

Suite 200, 44-12th Ave. S.

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By:

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TerraLogic Exploration Inc.

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Cranbrook, B.C. V1C 2R7

March 17th, 2025

BC PP#: 1004434

SUMMARY

The Mount Polley West property is located approximately 52 km NNE of Williams Lake, British Columbia. The Mount Polley West Property can be accessed by driving 43 km north of William's Lake to McLeese Lake, then heading west on Beaver Lake Road/Likely Road approximately 40 km. Various Forest Service Roads (FSR's) exist off the Likely Rd, allowing access to all areas of the Property via pick up truck or ATV.

A total of 22 claims, totalling 9663.532 hectares (ha) make up the Mount Polley West Property which is 100% owned by Eagle Plains Resources Ltd.

The property is underlain by the Central Quesnel Belt portion of the Quesnellia terrane, which forms part of the Intermontane Belt of the Canadian Cordillera. The belt is a northwest trending tectonic division comprised of Mesozoic volcanic and sedimentary rocks of island arc affinity represented by Takla Group to the north and by Nicola Group to the south. Nicola Group rocks underlie the property area. Alkalic intrusions coeval with volcanics and often closely related to alkaline copper-gold porphyry deposits are widespread in the Quesnel Terrane.

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. Intrusive rocks include several small stocks, plugs and dykes of syenite to monzodiorite composition. The Mt. Polley stock, which hosts the Mt. Polley deposit, is of monzonite to syenodiorite composition. These intrusives are thought to be coeval and comagmatic with Early Jurassic volcanism extending into Middle Jurassic time.

Copper-gold mineralization with alkalic porphyries is spatially and temporally related to comagmatic and coeval alkalic plutonism and volcanism.

There are a total of 12 mineral occurrences on the Mount Polley West property. The recorded occurrences are hosted in volcanic rocks and are typically present as disseminations or fracture filling of malachite, chalcocite, covellite, cuprite, azurite, chrysocolla, and native copper. The mineralization style is suggested to be volcanic red bed-style copper mineralization as simple copper mineral assemblages are hosted in oxidized subaerial volcanic rocks. Quartz-carbonate-ankerite alteration zones associated with northeast-striking faults also contain minor amounts of copper mineralization.

Historical work on the Mount Polley West Property began in the early 1960's and has continued on throughout the late 2000's, before Eagle Plains Resources acquired the ground. The historical work has mainly consisted of geochemical soil sampling, geological mapping and rock sampling, VLF-EM and magnetic surveys, and minor IP surveying. Drilling has been minor to date, with a few diamond drill and RC drill programs (holes drilled at shallow depths). Historic rock samples on the property have returned over 8500 ppm Cu and 1125 ppb Au and up to 5.4% Cu. Historic drilling returned mineralized intersections that returned up to 263 ppm Cu over 24.4 meters and 9.1 m grading 104 ppb Au.

Historical work has revealed that anomalous Cu and Au are largely associated with an extensive zone of iron-carbonate alteration within monzonitic to quartz-monzonitic stocks. The presence of the Cu-Au mineral showings and widespread alteration observed in outcrop within the Mount Polley West geologic setting is considered highly permissive to host a porphyry system.

The historic exploration work on the Mount Polley West claims have also shown that geochemical soil anomalies, most notably Cu-in-soil, are "erratic", consisting of random highs with no discernable patterns. The BC Geological Survey surficial geology maps (e.g. Geoscience Map 2015-02) infer the Property is underlain by thick quaternary glacial sediments, which is a valid explanation of why soil geochemistry is not a good exploration method for this area.

The purpose of the 2024 program was to collect a grid of till samples in the down-ice flow direction of the historically reported anomalous till and outcrop samples and to further vector toward Cu+/-Ag+/-Au mineralization, similar to the mineral showings on the property.

A total of 6 geostations, 3 whole rock samples and 38 till samples were collected over the course of 6 days between June 24th- July 1st, 2024. Analytical results revealed promising potential for the property to host significant Cu-Au mineralization. Till samples returned values ranging up to 136.5 ppm Cu (ABMPT010) and up to 24.9 ppb Au (LMMPT004); while rock samples returned values up to 1450 ppm Cu (LMMPR002) and 87 ppb Au (LMMPR001). Overall, both till and rock samples returned low values for Ag content (<0.2 ppm), however a clear correlation is seen between the anomalous and higher Cu values and the higher Ag values.

In addition to geochemical analysis, till samples were analysed for gold grain count and indicator mineral analysis. The results of the program revealed promising gold values, with samples containing up to 89 recovered gold grains (CCMPT008). The gold grains in the till samples are described as pristine, modified, and re-shaped, depending on the overall appearance of the grains.

The following indicator minerals were recovered in minor-trace amounts: pyrite (ABMPT001, ABMPT008, ABMPT009), sapphire (ABMPT001, ABMPT003, BRMPT006), barite, cinnabar (LMMPT009), Tourmaline (BRMPT001 and ABMPT003), Chromite, Mn-epidote, red rutile and Augite-hematite/diopside and Augite-almandine/diopside. Zircons were also present in all but four samples, with PCIM (Particle Characterization and Identification by Microscopy) counts ranging up to 15 and estimated values between 500-25,000; with sizes ranging between 25-250µm per sample.

Recommendations for future work are as follows:

- Follow up significant mineralization, lithologies and veining identified at 2024 geostations and rock sample locations outlined in Figures 5a and 5b, specifically LMMPR002, where mineralization included visible malachite and azurite.
- Additional till sampling in the up-ice direction proximal to the known mineral occurrences along the margins of the historical anomalies, in areas where a layer of the basal till can be accessed. Stream sediment sampling may also be warranted along the creek bisecting the main grid.
- Similarly, additional infill till sampling at approximately 100- 350 m spacing, off-set from the 2024 locations where high gold grain counts were returned
- Indicator mineral analysis indicates the area is prospective for Porphyry-Cu mineralization, Additional indicator mineral analysis, specifically rutile grain and zircon analysis are needed to too better understand the till geochemistry.
- Outcropping on the property is sparse, but where encountered, samples return promising results in both the intrusives and metasedimentary outcrops; further mapping and additional whole sampling is recommended to get a better litho-geochemical signature of the intrusives outcrops.

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Introduction

The following report summarizes the 2024 till sampling program completed by Terralogic Exploration on behalf of Eagle Plains Resources Ltd. at Mount Polley West project during the 2024 season, including conclusions and recommendations for future work.

Location and Access

The Mount Polley West property is located approximately 52 km north-northeast of Williams Lake, British Columbia (Figure 1). The project centroid is located at 52.54158 (latitude), -121.73575 (longitude) or 580340 mE, 5826940 mE, UTM Zone 10N NAD 83 (McNeil, 2023). The Mount Polley West Property can be accessed by driving 43 km north of William's Lake to McLeese Lake, then heading west on Beaver Lake Road/Likely Road approximately 40 km. The Likely Road transects the property. Various Forest Service Roads (FSR's) exist off the main Likely Rd, allowing access to all areas of the Property via pick-up or all terrain vehicle (ATV) (Figure 1).

The town of Likely is a small rural community that was established in the Cariboo gold rush days and is 20 km from the Mount Polley West property. Likely has year-round lodging, fuel, restaurants and a general store. There is a small airstrip available nearby for use in the summer (Downie *et.al*, 2022). The town of Williams Lake, B.C., is located approximately 67 km to the southwest of Likely. Williams Lake is a major service center for the mineral exploration industry, with diamond drilling contractors, aviation services, truck rentals and a hospital. Pacific Coastal Airlines serves Williams Lake Airport with daily flights from Vancouver (Downie *et.al*, 2022).

Climate and Physiography

The Mount Polley West tenure is comprised of mixed cut blocks, with approximately 15% of the property having been clear cut within the last 30 years accessed by well-maintained logging roads (McNeil, 2023).

The project area is situated in central British Columbia at approximately 1150 m above sea level surrounded by broad, rolling hills. Forest cover consists of pine, spruce, cedar, birch, alder, and poplar. Outcrop exposure is generally poor across the property with the majority of outcrop consisting of road cuts along old logging roads (Morely, 2022). 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 670 mm of annual precipitation (Morely, 2022).

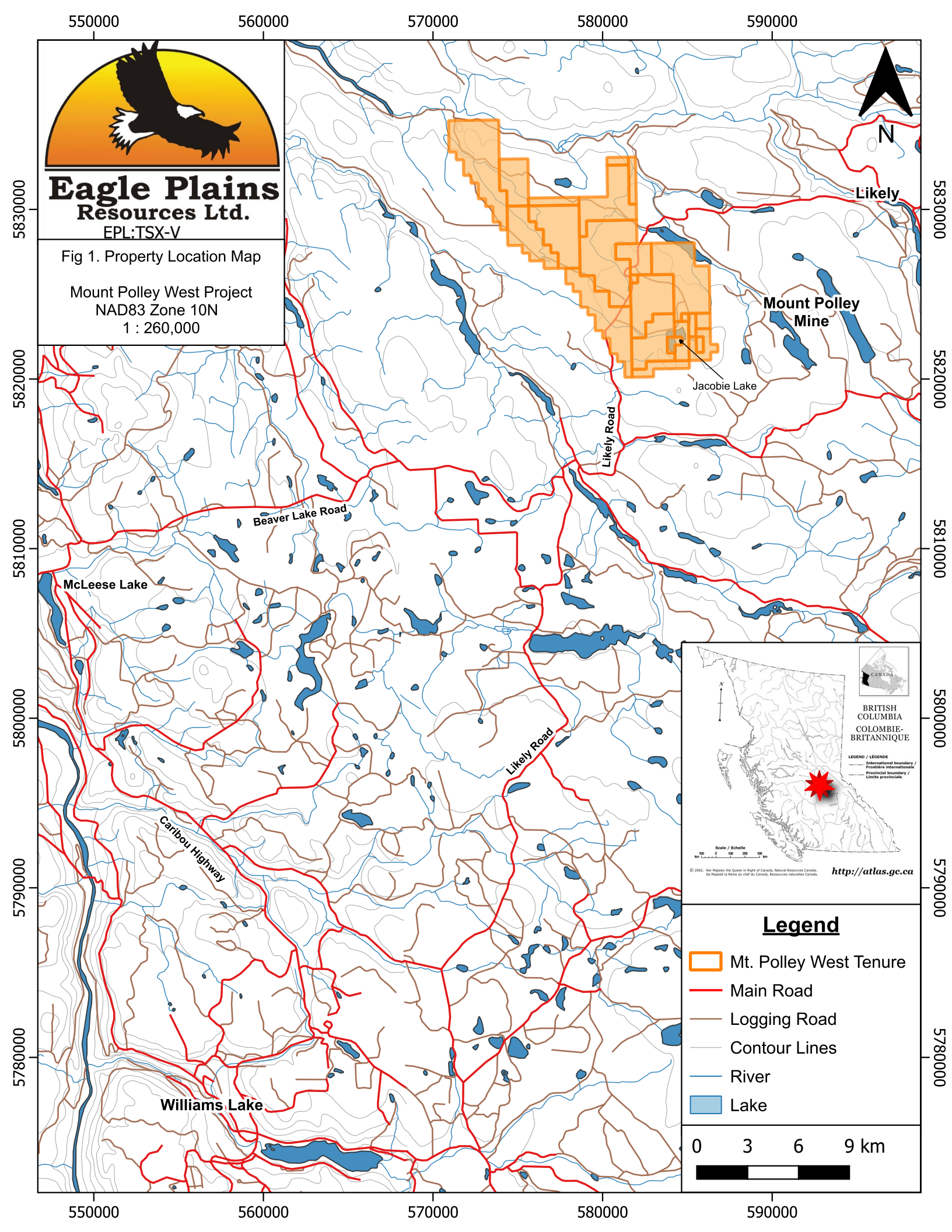
The Mount Polley West tenure hosts Jacobie Lake Recreation Site and consists of 7 campsites. The site is easily accessed via the Jacobie Lake Road, approximately 3.5 km off the paved Likely Road. It is located along the Shoreline of Jacobie Lake, which lies towards the centre of the tenure. The sites are "mid-sized" and contain a boat-launch area, fishing areas, and activities on the property (McNeil, 2023).

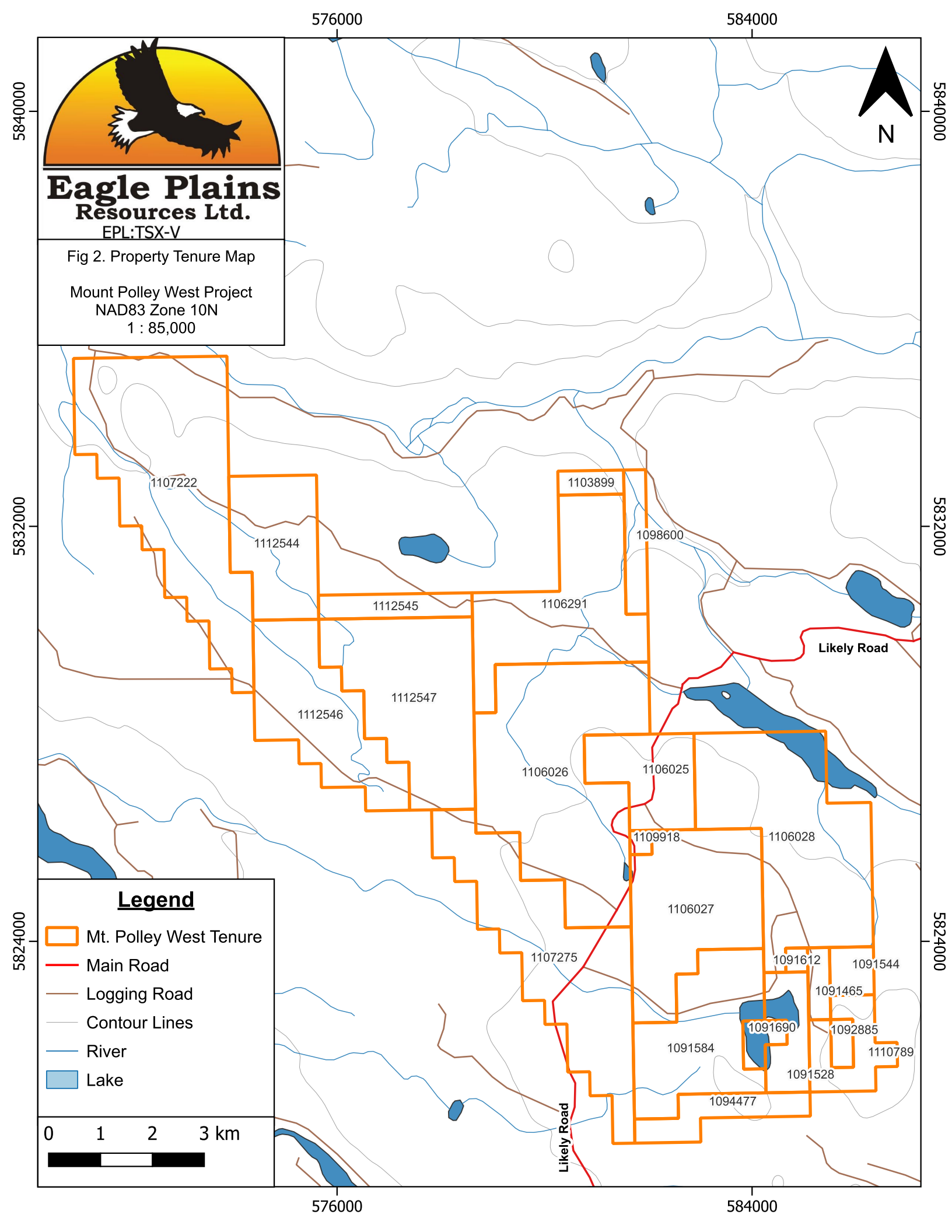
Tenure Summary

The Mount Polley Property consists of 23 contiguous mineral claims totaling 9663.532 ha (Table 1). The property is 100% owned by Eagle Plains Resources (EPL) with no underlying encumbrances (Figure 2).

Table 1 – Tenure Summary of the Mt Polley Property

Tenure	Issue Date	Expiry	Hectares	Owner
1103899	2023-04-20 0:00	2026-01-21 0:00	58.8596	EPL: 100%
1098600	2022-10-20 0:00	2026-01-21 0:00	117.747	EPL: 100%
1094477	2022-03-30 0:00	2025-12-31 0:00	177.001	EPL: 100%
1091528	2022-01-27 0:00	2025-12-31 0:00	176.9505	EPL: 100%
1092885	2022-02-01 0:00	2032-12-31 0:00	39.3244	EPL: 100%
1091544	2022-01-27 0:00	2025-12-31 0:00	78.6275	EPL: 100%
1091584	2022-01-27 0:00	2025-12-31 0:00	570.1642	EPL: 100%
1091465	2022-01-27 0:00	2025-12-31 0:00	58.9731	EPL: 100%
1091612	2022-01-27 0:00	2025-12-31 0:00	19.6559	EPL: 100%
1091690	2022-01-27 0:00	2025-12-31 0:00	58.9846	EPL: 100%
1110789	2024-01-29 0:00	2025-01-29 0:00	196.6259	EPL: 100%
1106025	2023-07-14 0:00	2026-01-21 0:00	314.2759	EPL: 100%
1106026	2023-07-14 0:00	2026-01-21 0:00	1217.8	EPL: 100%
1106027	2023-07-14 0:00	2026-01-21 0:00	707.4467	EPL: 100%
1106028	2023-07-14 0:00	2026-01-21 0:00	1021.637	EPL: 100%
1109918	2024-01-03 0:00	2025-01-03 0:00	19.6461	EPL: 100%
1107275	2023-09-08 0:00	2026-01-21 0:00	923.7571	EPL: 100%
1107222	2023-09-05 0:00	2025-02-04 0:00	1236.022	EPL: 100%
1106291	2023-07-26 0:00	2026-01-21 0:00	726.2794	EPL: 100%
1112544	2023-07-26 0:00	2025-02-04 0:00	431.7376	EPL: 100%
1112545	2023-07-26 0:00	2026-01-21 0:00	137.4067	EPL: 100%
1112546	2023-09-01 0:00	2025-02-04 0:00	589.1393	EPL: 100%
1112547	2023-09-01 0:00	2026-01-21 0:00	785.4701	EPL: 100%
		Total Hectares	9663.532	


550000
560000
570000
580000
590000
5830000
5820000
5810000
5800000
5790000
5780000
Eagle Plains
Resources Ltd.
EPL:TSX-V
Fig 1. Property Location Map
Mount Polley West Project
NAD83 Zone 10N
1 : 260,000
N
Likely
Mount Polley
Mine
Jacobie Lake
Likely Road
Beaver Lake Road
McLeese Lake
Likely Road
Caribou Highway
Williams Lake
BRITISH
COLUMBIA
COLOMBIE-
BRITANNIQUE
http://atlas.gc.ca
Legend
Mt. Polley West Tenure
Main Road
Logging Road
Contour Lines
River
Lake
0 3 6 9 km


576000
584000
5840000
5832000
5824000
N
Eagle Plains
Resources Ltd.
EPL:TSX-V
Fig 2. Property Tenure Map
Mount Polley West Project
NAD83 Zone 10N
1 : 85,000
1107222
1112544
1103899
1098600
1112545
1106291
1112547
1112546
Likely Road
1106026
1106025
1109918
1106028
1106027
1107275
1091612
1091544
1091465
1091690
1092885
1091584
1110789
1091528
1094477
Likely Road
Legend
Mt. Polley West Tenure
Main Road
Logging Road
Contour Lines
River
Lake
0 1 2 3 km

History and Previous Work

Industry Exploration History

Early exploration of the property began in the 1960's, with initial efforts aiming to characterize the copper potential and geological setting of the Mount Polley Area. The first documented work on the property dates back to 1961, when the Geological Survey of Canada completed a geophysical program and reconnaissance airborne magnetometer survey. This survey outlined the Mt. Polley stock and several other magnetic highs of lesser magnitude, revealing a moderate strength anomaly approximately 4 km in length south of the Jacobie Lake area (MacNeil, 2023).

Exploration of the property continued in 1966, when Chataway Exploration Co. Ltd. conducted a geochemical survey of Morehead Creek. This survey identified high background values with medium-strength Cu anomalies, greater than 300 ppm Cu (Wright, 1966). However, that same year New Jersey Zinc Exploration Co. Ltd. explored the Liz Group, a set of claims located off tenure, and reported low-strength Cu anomalies, ranging from 10-200 ppm Cu, as well as inconspicuous magnetic variations from their geophysical survey (Seaton, 1966). Additionally in 1966, Geo Cal Limited's conducted an Induced Polarization survey near covering portions of the Property, which were historically known as the Limecap and Copperridge claims. The survey suggested an intrusive contact between tuffaceous and porphyritic rocks, with distinct chargeability responses in different areas within the claims (Selmeer, 1966). The following year, Chataway Exploration continued their geochemical investigations within the Jacobie Lake mineral claims, again reported a high background and significant anomalies, likely associated with Tertiary volcanics (Wright, 1967). Between 1966 and 1967, Mollusca Oils Ltd. surveyed the LAR and CHUCK groups of mineral claims (south of Morehead Creek), which returned generally low Cu anomalies ranging between 2-420 ppm Cu, which they attributed to poor drainage (Hodgson, 1967). Milestone Mines Ltd. also conducted some preliminary work in 1967 on the Limecap and Copperridge claims, and noted the presence of visible Cu mineralization (Cochrane, 1967). In 1968, Huntec Limited carried out an Induced Polarization survey on the Moorehead and Limecap claim groups, delineating a large high chargeability zone in the southeast, which was interpreted as potentially related to sulfide mineralization at depth (Finney,1968).

Exploration slowed during the 1970s, and in general transitioned towards developing a greater understanding of the geological controls on mineralization in the area. Beginning in 1972, John Campbell completed some reconnaissance work on the B property, which focused on identifying a monzonite intrusive and characterizing bedrock (J.I. Campbell, 1972). While Cu mineralization was found in volcanics, the targeted porphyry-type mineralization related to the monzonite-syenite was not, and the associated soil sampling proved inconclusive (J.I. Campbell, 1972 and N. Campbell, 1972). Exploration intensified in the early 1980s, with Gibraltar Mines (1983-84) defining Cu and Mo soil anomalies on the Bear Group Claims, which suggested numerous source areas and leaching of scattered sulfide material entrained within the local glacial till cover (Bysouth, 1983 and Bysouth, 1984). E&B Explorations (1983-85), was also exploring the area, particularly the Little Lake property claims. A program including a geophysical survey and some drilling, identified volcanics and intrusives, and intersected weak Au mineralization associated with a hydrothermal system (Arnold, 1985a; Arnold, 1985b and Walker, 1983).

Several companies continued to explore the property throughout the mid 1980's. In 1984, Hennessy Resources found Cu associated with amygdaloidal basalts and alteration zones, but deemed the gold potential minimal due to erratic distribution and low values (Simpson, 1984). Other work included Pearl Resources (1984) who reported values up to 160 ppm Cu and <10 ppb Au in silt samples, as well as >150 ppm Cu and up to 20 ppb in soils (Seraphim, 1984); Rockridge Mining identified an outcrop with an east trending, Au-bearing quartz vein and breccia zone between 1983-1984 (Crane, 1984).

E&B Explorations continued work in 1984 at Little Lake, results yielded erratic Cu and low Au values (Simpson, 1984 and Rockel, 1984). In 1984, Asamera Inc. reported moderate Cu and Au values in both soil and rock samples (Forand *et al.,* 1984). And Geoterrex Limited performed an inconclusive I.P. survey of the property area in 1984 (Wardlaw, 1984).

Exploration moving into the 1990s focused on defining specific mineralization zones and their geological context within the property area. From 1990-1991, Pamicon Developments explored the JC and Bud claims, finding high-grade Cu (up to 7.29%) and anomalous Au (up to 320 ppb) in rock samples, and noting the presence of syenitic intrusives similar to the nearby Mt. Polley deposit (Montgomery, 1990 and Montgomery *et al*., 1991). In 1990, Burdett and Bourck also prospected the JC claims, finding limited outcrop but noted a possible syenite plug (Burdett, 1991). In 1992, Canim Lake Gold followed up Pamicon's work on the Bud claims, defining a large Cu anomaly which returned up to 206 ppm. They followed up with subsequent drilling which included 12 holes totalling 487.8 m, and intersected Cu mineralization (up to 676 ppm) in altered volcanics near the ML alkalic stock contact (Schatten, 1993 and Todoruk, 1992). Later in 1994, 1997 and 1999; Kikauka conducted several exploration programs on the JC claims, including geological mapping, magnetics, and trenching. While no direct correlation between magnetite and copper was found, some high conductivity zones were identified (Kikauka *et al.,*1994 and 1997). Additionally, the programs defined three styles of Cu mineralization (returning up to 7.12% Cu) hosted in trachybasalt and felsite (Kikauka, 1999). Big Valley Resources explored the BV and Calm claims intermittently from 1966 through 1998, finding scattered Cu (up to 456 ppm) and Au (up to 250 ppb) in soils, but no strong trends were returned (Tennant, 1996; 1997 and 1998). The 1997 program also included drilling three holes, totalling 641.1 m, on the Calm 4 claim, which yielded low values for both Au and Cu (Tennant, 1997).

Exploration in the early 2000s continued to refine the understanding of mineralization in the property area. In 2000, Phelps Dodge conducted a geological mapping and geochemical sampling program on the Morehead property, returning values up to 10,968 ppm Cu and up to 5119 ppb Ag. Mineralization was seen as chalcocite and malachite in volcanics and sediments, and results suggested a correlation of copper with depth in soil profiles (Kulla, 2001). From 2004-2005, Addie performed work on the Jacobie Property which included till sampling which yielded anomalous Cu values up to 149 ppm (Addie, 2005). In 2005, Bailey Geological Consultants completed an assessment of the Morehead Group claims which suggested limited Cu-Au potential in the west, but indicated a potential for skarn-type Au mineralization associated with a syenite stock in the northwest (Bailey, 2005). Additionally, Johnson conducted some soil sampling on the Dalia claims, with results yielding generally low Cu (up to 113 ppm) and Au (<0.1%) values, but recommended further exploration of a magnetic anomaly in the northwest (Johnson, 2006).

Exploration from 2011 to 2018 continued to investigate the property's potential. Eagle Peak Resources (2011) conducted programs at the Jacobie Lake and Quesnel River South prospects, results returned erratic values up to 5.4% Cu in rock samples and up to 370 ppb Au in soils. They recommended further investigation of a low-contrast Cu zone and the anomalous Au (Fox, 2011a and Fox, 2011b). From 2011 to 2012 after acquiring the Mt. Polley 1 claims, Serengeti Resources identified iron-carbonate alteration associated with monzonitic stocks and anomalous Cu (up to 551.7 ppm) and anomalous Au (up to 51.4 ppb) in rock samples, suggesting the potential for a significant gold-bearing hydrothermal system on the property (Samson, 2011 and Clarke, 2013). Eagle Peak Resources later drilled three holes on the Jacobie property in 2013, targeting a chalcocite-rich zone, but encountered no mineralization (Fox, 2013). Finally, Jedway Enterprises conducted aerial photo interpretation and geological mapping on the northern J Property from 2017 to 2018. The program discovered jasper and epidote veined basalt breccia near a possible Cretaceous granite dyke, with calcite veinlets oriented similarly to the NW faults (Bridge, 2018 and Bridge, 2019). A subsequent geophysical interpretation

correlated Cretaceous granite stocks with magnetic lows, and redbed Cu mineralization with magnetic highs, leading to the recommendation of further mapping, sampling, an IP survey, and potential drilling faults (Bridge, 2018 and Bridge, 2019).

More recent exploration on the property throughout the 2020's employed a variety of methods to further assess its mineral potential. In 2022, Precision GeoSurveys conducted a high-resolution helicopter-borne magnetic and radiometric survey over the ML Property, and identified two large-scale magnetic anomalies potentially related to underlying stratigraphy and porphyry alteration, and recommending follow-up drilling (Downie *et al.,* 2022). Later in 2022, TerraLogic Exploration on behalf of Eagle Plains Resources, conducted a geological exploration program focused on the Mt. Polley West property. Results confirmed visible Cu mineralization (as cuprite, malachite, azurite, chalcocite) in carbonate-altered trachyte, (interpreted as redbed-style or extensions of porphyry-style mineralization) with soil samples returning up to 343 ppb Cu and rock samples up to 1005 ppb Cu on the Contiguous Claims; and up to 122 ppb Cu and 1595 ppb Cu on claim 1092885 (Morely, 2022 and Morely, 2022). In 2023, a geophysical survey on the Morehead Creek Property completed by West Coast Placer identified potential paleochannel systems that may contain placer gold, highlighting deep areas in the bedrock and a NE-SW trending channel, and recommended further seismic exploration (Gust, 2023). Finally, in 2023 Eagle Plains Resources continued to investigate the area with a follow-up sampling on the Mt. Polley West property. Till samples yielded values ranging from 13.95 ppm to 82.4 ppm Cu, and gold grain counts up to 52, (equivalent to 20 to 831 ppb Au), and recommended further lithogeochemical analysis, high-density till sampling, and geophysical surveys were warranted in the area (McNeill, 2023).

More detailed descriptions of the historical work completed on the property can be found in Table 2, which outlines all historical Assessment Reports for the property (Table 2).

Table 2 – Historical Assessment Reports on the Mt Polley Property

AR#	Year	Company	Authors	Report Name	Summary
00815	1966	Geo Cal Limited	C.B. Selmeer	Geophysical Report: Induced Polarization Method, Copperridge & Limecap Morehead Claim Groups	Geo Cal Limited carried out a geophysical Induced Polarization survey covering a portion of Limecap Claims 5, 6 & 7; Copperridge 1, 2 & 3 and Morehead 1, on behalf of Milestone Mining & Development Ltd. The survey included a total of 22, 900 ft of lines surveyed at 200 ft intervals on stations 100 ft apart, with reading collected every 200 ft. Results indicate a low chargeability area of no more then 5 ms in Limecap 5 and 7; a high chargeability area of no more then 15 ms in Limecap 6 and Copperridge 2 claims. An intrusive contact of tuffaceous rocks on the E and porphyritic rocks on the west, extending from Copperridge 1 into Limecap 6 claim.
00862	1966	Chataway Exploration Co Ltd.	S.W. Wright	Geochemical Survey - Marine Group, Cariboo Mining Division	Chataway Exploration Co Ltd., completed a geochemical survey of Morehead Creek 2 ½ miles NE; located in the Cariboo Mining Division. Approximately 1-2 ounce soil samples were collected from the 'B' horizon at 200 ft intervals. Results from the survey showed the area has a high background with medium strength anomalies. 300 ppm Cu was taken as the threshold for anomalous areas, higher single spot anomalies were thought to be caused by float.
00871	1966	New Jersey Zinc Exploration Co Ltd	J.B. Seaton	Geophysical and Geochemical Report - Liz Group, Cariboo Mining Division	New Jersey Zinc Exploration Co Ltd completed a geophysical and geochemical survey of the Liz Group. The survey included over 24, 000 ft of grid lines and a total of 371 soil samples were collected and sent for analysis. Results yielded low strength anomalies, between 10 and 200 ppm Cu, with higher values appearing at randomly scattered points. The geophysical magnetic survey was conducted over 5 days using a Sharpe Fluxgate Magnetometer. One band of 'higher than average' values was encountered which was possibly associated with higher altered intrusive rock. Overall results demonstrated magnetic variation was inconspicuous and showed no relationship between magnetic values and copper content seen in soil samples.
00885	1967	Chataway Exploration Co Ltd.	S.W. Wright	Geochemical Survey Jacobie Group of Mineral Claims - Quensel Mining Division	Chataway Exploration Co Ltd., completed a geochemical survey of the Jacobie Lake mineral claims. Soil samples were collected from the B horizon along controlled grid lines approximately 200 ft apart. Results from the survey showed the area has a generally high background with at least six significant anomalies. It is believed the areas underlain by tertiary volcanics and further work recommended in the form a magnetometer survey plus dozing.
00924	1967	Mollusca Oils Ltd.	A.G. Hodgson	Geochemical Report - Lar & Chuck Groups of Mineral Claims; Morehead Lake, Quesnel Lake Area and Cariboo Mining District, B.C.	Mollusca Oils Ltd. conducted a geochemical survey of the LAR and CHUCK groups of the mineral claims south of Morehead Lake in the Quesnel Lake district. A total of 1197 soil samples were collected from the B horizon at 200 ft intervals. Results averaged low anomalies with values ranging from 2 ppm to 420 ppm Cu; 27 ppm was considered the background threshold. The anomalous high values are considered random spot readings with no defined pattern, nor are they restricted to any particular area; and are likely the result of poor drainage and therefore are insignificant.
01097	1967	Milestone Mines Ltd	D.R. Cochrane	Interim Report on Geophysical and Geological Examination on the Lime Cap and Copper Ridge Claims Situated 34 air miles north of 150 Mile House, Quesnel Lake District, Cariboo Mining Division	Milestone Mines Ltd., conducted a two-day examination of the LimeCap and Copper Ridge Claims, which included: tying off claim posts; tying off portions of the IP and geochemical grids; some geochemical soil sample collection; the former survey lines for Ronka EM 16 rechecked; outcrop prospecting; and a test line of Ronka Em 16 on a property to the south. The investigation findings showed that claim numberings and grid points don't precisely match that on record, and should be corrected using an accurate baseline before further detailed investigations occur; and that copper mineralization is observable and interesting
01644	1968	Milestone Mines Ltd	W.A. Finney; R.K. Watson	A Geophysical Report on an Induced Polarization Survey, Moorehead & Limecap Claim Groups, Morehead Lake, NR. Likely, B.C.	Huntec Limited conducted an Induced Polarization (I.P.) survey of the Moorehead and Limcap claim groups on behalf of Milestone Mines Ltd.; with the purpose of prospecting for sulfide mineralization, both massive and disseminated. Readings were taken on orthogonal lines at 200 ft intervals along a controlled grid, and used to calculate the apparent chargeability and apparent resistivity. Results of the survey demonstrated the apparent chargeability of the NW part of the property is generally flat and inactive, with readings between 2.5 and 4.0 ms; and the SE part of the property shows a large higher chargeability zone, with readings between 7.5 and 10.4 ms. The original grid was later enlarged with orthogonal lines spaced at 400 ft intervals and compared to the original narrow electrode separation in order to help draw conclusions on the causation of the higher anomalies. It was interpreted that the change in anomalies was due to a change in lithology and/or sulphide mineralization, and that the responsible body is fairly deep, at least 400 ft bgs, and the northern and eastern extensions are unknown in length. It was recommended that two vertical diamond drill holes, to a depth of 500 ft, be completed to test the source rock.

AR#	Year	Company	Authors	Report Name	Summary
04683	1972	Sunshine Valley Mineral Inc.	J. I. Campbell	Reconnaissance of B Property - Cariboo District, B.C.	John Campbell conducted a reconnaissance of the B property claims on behalf of Sunshine Valley Minerals Inc. The purpose was to explore a monzonite intrusive geological feature of interest not yet found on the B group claims. As well as, explore the already noted bedrock types noted in the area, including basic volcanics; amygdaloid; breccias and tuffs, with sparse mineralization previously found in the amygdaloid. Copper mineralization was found at four locations, and representative hand samples were collected from each location. The investigation concluded that mineralization found on the B claims are in the form of elemental copper and chalcocite, usually occurring within calcite-filled amygdules. Additionally, the porphyry type mineralization associated with the intrusive monzonite-syenite was not seen within the B claims, however it was noted that its existence remains a possibility. In an attached interpretive letter written by Neil Campbell, it states that soil samples were collected during the 1972 investigation, however, did not produce any meaningful geochemical pattern. The soil samples did cross three localities of interest where values of over 200 ppm Cu were obtained. Overall, it was concluded that there is no evidence to support a specific target area worthy of intensive exploration on the B property claims, however, further inventions should continue including evidence of hydrothermal alteration. Despite evidence, it remains possible that the Bullion property may cover a valuable ore target.
11349	1983	Gibraltar Mines Ltd.	G.D. Bysouth	Geochemical Soil Survey on the Bear Claim Group	Gibraltar Mines conducted a geochemical survey of the Bear Group Claims, with the primary purpose to obtain a more detailed evaluation of trace metal dispersion and identify an area of highest ore-bearing potential. A total of 222 soil samples were collected at approximately 200 ft intervals from the “B” horizon along a controlled grid with N trending line spaces approximately 500 ft apart. All soil samples were analyzed for Cu and Mo content and returned values up to 338 ppm and 150 ppm, respectively. The distribution of anomalies suggests numerous source areas and leaching of scattered sulfide material entrained within the glacial till cover. More work is required to define probable bedrock source areas.
11830	1983	J.T. Walker Mining Geophysics on behalf of E&B Explorations Inc.	J.T. Walker	Report on the Airborne Geophysical Survey on the Little Lake Property, Likely Area, B.C.	E&B Explorations Inc. conducted an airborne geophysical survey on the Little Lake property claims, with the purpose of compiling a low-level aeromagnetic contour map and locate zones of conductivity (based on VLF frequencies between 21.4 kHz and 24.8 kHz). The survey looked at total magnetic field intensity and relative field strength of the horizontal component of the VLF electromagnetic field. A helicopter was used to fly a total of 597-line kms with 300 m spacing. Data returned values ranging from a few hundred gammas to a few thousand gammas over three quarters of the survey area, particularly the SE corner, suggesting the area is underlain by basic volcanics with possible small intrusive plugs. Where the lower values less than 1, 300 gammas on the western and central parts of the survey area suggest the area is underlain by sedimentary rocks. Similarly, the relative field strength data results indicated several areas where relative field strength is above the background ‘normal.’ It was interpreted that these increases may indicate areas of lower resistivity, the effect of topographic ‘highs’ or a combination of both. It was recommended the more significant anomalies be further investigated.
12589	1984	E&B Explorations Inc. on behalf of Hennessy Resources Corporation	R.G. Simpson	Geological Mapping and Geochemical Survey Report on the Jacobie 2 Mineral Claim	Hennessy Resources Corporation conducted a geological mapping program and a geochemical survey of the rocks and soils on the Jacobie property claims, which included the collection of 50 rock samples. Results from the rock geochemistry yielded values up to 4800 ppm Cu with erratic background ranges between 20 to 150 ppm Cu; and values up to 25 ppb Au, with background ranges between 5 to 10 ppb Au. Similarly, a total of 238 soil samples were collected at 50 m intervals along EW trending lines. The soil samples were analyzed for Cu, Au and some for As content. Results yielded values up to 449 ppm Cu with erratic background values ranging from 15 to 100 ppm Cu; and values up to 20 ppb Au, with background values ranging between 5 and 10 ppb Au. The 147 samples analysed for As content yielded results up to 20 ppm As, with background values between 2 and 4 ppm As. The program revealed higher copper values are associated with the amygdaloidal basalts, as well as with quartz-carbonate-ankerite alteration zones related to faulting. Overall, it was concluded that the property has erratic copper distribution with low gold and arsenic content, giving it minimal potential for hosting precious metal deposits. No further investigations were recommended.
12596	1984	Gibraltar Mines Ltd.	G.D. Bysouth	Geochemical Soil Survey Report on the Bear Claim Group - Cariboo Minin Division	Gibraltar Mines Ltd. conducted a geochemical survey of the Bear Claim Group to obtain a more detailed evaluation of trace metal dispersion and identify an area of high ore-bearing potential. A total of 169 soil samples were collected from either the “B” or “C” horizon at approximately 200 ft intervals, along N trending lines, and analyzed for Cu and Mo. Of the 169 samples, 156 were classified as normal soils, eight as hydrophobic soils and five as bog soils. Results yielded values up to 183 ppm for Cu, with a background threshold of 62 ppm; and values up to 16 ppm for Mo, with a background threshold of 8 ppm Mo. No significant anomalies were found, both Cu and Mo distribution appears scattered with little evidence to indicate a large source. There were two copper anomalies found along the N portion of the grid, and a Cu-Mo anomaly in the SW.
12692	1984	Pear Resources Ltd.	R.H. Seraphim	Geological and Geochemical Report on the Pearl and Golden Pearl Claims, Quesnel Lake Area - Cariboo Mining Division	Pearl Resources Ltd. conducted geological and geochemical surveys of the Pearl and Golden Pearl Claims to obtain a better definition of the location in the south of the claim boundary. The geological survey included traversing along claim boundaries, logging roads and timbered areas; and resulted in detailed geological observations. The geochemical survey included the collection of 115 soil samples, and 9 silt samples collected from the “B” or “C” Horizon. Results yielded values up to 160 ppm Cu and <10 ppb Au in silt samples; and >150 ppm Cu and up to 20 ppb in soil samples. The study concluded that the areas which hosted the 4 soil anomalies measuring >150 ppm Cu and the silt anomaly measuring 20 ppb Au warrant further exploration.

AR#	Year	Company	Authors	Report Name	Summary
12903	1984	Rockridge Mining Corporation	J.F. Crane	Geological, Geochemical and Geophysical Report on the ACBC 1, 2 and 3 Claims, Cariboo Mining division	From 1983-1984, Rockridge Mining Corporation completed a geological, geochemical and geophysical survey of the ACBC 1, 2 and 3 Claims. The field program consisted of grid surveying, geochemical sampling and geological mapping, Cathro and an airborne magnetometer and EM survey. A total of 628 soil and rock samples were collected along 52-line km of grid, and 27 km of airborne geophysics were flown at a spacing of 300 m. Soil samples were collected along three grid lines at 100m intervals from the "B" Horizon and analysed for Cu and Ag. Results yielded values below 5 ppb with isolated values up to 30 ppb Au; ranging from 0.1 to 1.1 ppm Ag; and ranging from 6 to 340 ppm Cu. Rock geochemistry results were slightly more interesting, yielding values up to 648 ppb Au, collected from the breccia zone. The geophysical survey outlined a few weak VLF-EM anomalies and magnetic variation of moderate intensity. These local highs were interpreted to reflect basaltic layers within the volcanic sequence. The study recommended that further exploration work focus on obtaining a detailed delineation of the breccia and accompanying alteration of the country rocks; and diamond drilling be completed to test the zone at depth and along strike. It should be noted that the Geophysical Survey was conducted in conjunction with E&B Explorations Inc., who produced their own report detailing the findings
13063	1984	E&B Explorations Inc. for Grand Canyon Resources Inc.	R.G. Simpson	Geological, Geochemical and Geophysical Report on the LL #1-14 Mineral Claims - Quesnel Lake Area, B.C., Cariboo Mining Division	In addition to the shared work with Rockridge Mining, E&B Explorations Inc. conducted their own geological, geochemical and geophysical investigation of the Little Lake area on behalf of Grand Canyon Resources Inc. A total of 33 rock samples were collected as part of the mapping and geochemical survey, and analyzed for Cu and Au. Results yielded erratic copper values varying from 10 to 100 ppm Cu, with an average of 54 ppm and one sample with visible copper running 2413 ppm Cu. Gold content in the rock samples was less chaotic and much lower, ranging from 5 ppb to 25 ppb Au. A total of 900 soil samples were collected over 7 different grids, along EW trending lines spaced 100 to 400 m apart, and analyzed for Cu and Au content. Results yielded values between 5 ppm and 166 ppm Cu and between 5 ppb and 25 ppb Au. No significant anomalies were noted. A total of 27.3-line km of VLF and magnetometer surveying was completed; results showed moderate to strong conductors in areas D, E and F. However, due to lack of coincident geochemical response, these areas were not considered viable drill targets. A program of ground physics was carried out in conjunction with the geochemical survey, which was able to detect previously obtained airborne VLF-EM anomalies with magnitude of at least 10% above relative field strength. It should be noted that the geophysical survey was done in conjunction with Interpretex Resources Ltd., who provided their own report outlining findings
13430a	1984	Asamera Inc.	L. Forand and D.W. Hassell	1984 Summer Exploration Program for Rick, Goldmaster and Impasse Claims, Jacobie Lake Area, Cariboo Minging Division	In 1984 Asamera Inc., conducted a multi-phase exploration program for the Rick, Goldmaster and Impasse Claims, designed with the intention to assess the reported copper showings as well as the overall property potential. The program included some line cutting, geological mapping, geophysics (Mag and VLF) and geochemical sampling (L. Forand and D.W. Hassell, 1984). Line cutting on the Rick grid was subcontracted out and included 63 km of N-S base and tie lines with cross cut lines every 200m. Ground VLF and proton magnetometer surveys were conducted and subcontracted to Hardy Associates Ltd., readings were taken every 25 m for each and yielded results showing a northwest trend (L. Forand and D.W. Hassell, 1984 and Maxwell and Scott, 1984). A 10-day program was conducted in April and included the collection of soil, tills, seeps, waters, humus, stream sediments and pan concentrates. Based on these results, a systematic soil sampling program was completed the following May and July which included the collection of approximately 750 soil samples. Soil samples were collected from the B-horizon every 100m along a grid, and analyzed for Au, Cu and Mo content. Au values ranged from <2 ppb and 2160 ppb with values >25 ppb shown as anomalous; Cu values ranged from 11 to 260 ppm with an estimated background of less than 50 ppm; and Mo did not prove to be a useful pathfinder, only background values were encountered across the grid (L. Forand and D.W. Hassell, 1984). Finally, during the exploration program, rock samples were also collected wherever outcrop was encountered, with a total of 53 being sent for Au, Cu and Mo analysis. Au values for the rock assays were generally less than 5 ppb with one high of 19 ppb. Samples with noted visible native copper or high Cu values did not return high Au values. Overall, the exploration program identified two areas of potential interest located between 8+00W to 8+00E and 16+00N to 10+00N and 5+00W to 15+00E and 4+00S to 12+00S (L. Forand and D.W. Hassell, 1984).
13430c	1984	Hardy Associates (1978) Ltd.	F. Maxwell and W.J. Scott	Magnetic and Very Low Frequency Electromagnetic Surveys, Cariboo area, BC, 1984	
13430b	1984	Asamera Inc.	S. Wardlaw	Logistics Report on an Induced Polarization Survey Performed on the Rick, Goldmaster and Impasse Claims	Geoterrex Limited completed an Induced Polarization survey of the area on behalf of Asamera Inc. A total of 8.7-line km's of Pole-Dipole surveying was carried out with a dipole length of 100 m used throughout the entire survey. The survey required three infinite electrode locations, in all cases locations were accessed using existing roads, and wet swampy locations selected for the electrodes. Apparent resistivity and chargeability readings were recorded from n=l to n=3 on all lines except L16N which was read to n=4. Overall, the survey proved unsuccessful in locating any anomalous chargeable zones. The data indicates a fairly layered structure with a resistivity which appears to be increasing somewhat with depth
14401a	1985	E&B Explorations Inc.	Rodney W. Arnold	Reverse Circulation Drill Report on the LL #1-14 Mineral Claims	In 1985, E&B Explorations Inc., conducted and exploration program which included the addition of 44.9 km of new grid lines; the upgrading of 13.9 km of existing grid lines; the collection of 602 soil samples from 33.25 km of new grid lines; the completion of VLF-EM and magnetometer ground geophysical surveys covering 58.5 km; and geological mapping; however, reported disappointing results with no significant anomalous gold (#14401b). However, it was reported that the area's history remained very encouraging and a reverse circulation rotary drill program was recommended. E&B Explorations conducted the follow-up drill program the following October which included upgrading 315 m of existing road,

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14401b	1985	E&B Explorations Inc.	Rodney W. Arnold	Geological, Geochemical and Geophysical Report on the LL #1-14 Mineral claims, Quesnel Lake Area, B.C, Cariboo Mining Division	the construction of 170 m of new road and the building of 8 drill sites in the Morehead Creek area; and the upgrading of 2150 m of existing road and the construction of 425 m of new road plus the levelling 3f 3 drill sites in the northeastern segment of the claim block. Six reverse circulation drill holes totalling 434.9 m (1422 feet) were completed. Five drill holes were located in the Morehead Creek area and one hole in the northeast corner of the claim block. One hundred forty-six bedrock samples were sent for assay (#14401a). The program yielded encouraging results with weak Au mineralization up to 680 ppb, however not for ore grade at only 3.2 g/ton Au. The weak mineralization indicates the presence of a gold-bearing hydrothermal system related to the intrusive-volcanic geological environment. Based on results, a second phase drill program was recommended to further evaluate the gold potential of the area (#14401a and #14401b).
20792	1990	Pamicon Developments Ltd.	A. Montgomery	1990 Assessment Report on a Prospecting and Geological Work Program	Intermittently throughout 1990, Pamicon Developments Ltd. conducted an assessment work program on the JC1 and JC2 mineral claims situated approximately 7 km west of the Mt. Polley deposit. The program consisted of prospecting, limited select geological mapping, rock chip sampling and petrographic studies. Prospecting was completed along and adjacent to a network of logging access roads and landings, while select outcrops along roads were mapped; a total of 38 grab, select grab and channel rock samples were collected and analysed for Cu, Ag and Au content. Analytical results ranged from background values in Cu and Ag to 7.29% Cu and >1.0 opt Ag in select grab samples. Petrographic studies were carried out on three mineralized samples collected from the JC 1 claim and one sample from north of the property.
21516	1991	James Burdett and Craig Boruck	J. Burdett	Prospecting Report on the JC3, 4, and 6 Mineral Claims	During the months of April to October 1990, James Burdett and Craig Bourck completed a 21-day prospecting program on the JC 3, 4 and 6 claims in hopes of locating more mineralization like that seen on the JC 1 and 2 showings, as well as similar syenitic intrusives similar to neighbouring Mt. Polley. The program found very little outcrop occurrences on the claims, and no disseminated chalcocite was found. One sample of minor chalcocite in a dark green volcanic near the northern JC 6 line returned very low, but interesting Cu values. A small area of interest with possible syenite was noted on the ridge near the eastern JC 3 claim line. It outcropped over several hundred feet which indicated it was a small plug. Follow-up prospecting, trenching and sampling was recommended.
21584	1991	Pamicon Developments Ltd.	A. Montgomery, S. Todoruk, R. Darney	1991 Geological and Geochemical Assessment Report on the Bud 1-9 and JC 8 & 9 Mineral Claims	During the months of May and June 1991, Pamicon Developments Ltd. conducted a geological mapping and prospecting program which included the collection of 37 rock chip samples, 272 soil samples, 7 deep overburden Vibracore samples, and a petrographic study on parts of the Bud 1-9 and JC 8 & 9 mineral claims. Mineralized float was found at two locations on the property, returning 2.290 ppm Cu and rock chip analysis yielded results up to 1.36% Cu with weakly anomalous gold up to 320 ppb.
22455	1992	Pamicon Developments Ltd.	S. Todoruk	1992 Geochemical Assessment Report on the Bud 1-4 and 9 Mineral Claims	In 1992, based on their previous work in 1991, Pamicon Development ran an exploration program to further evaluate the mineral potential and assess the Mount Polley style syenite intrusive outcrops that have previously been identified but not reported on; on the Bud 1-4 and 9 mineral claims. The program included a 36.4 km grid with NS lines with 400 m spacing and sampling stations every 100 m. A total of 363 soil samples were collected from the B horizon, and seven rock chip samples collected from the ML showing were sent for geochemical analysis. Geochemical results indicated a number of areas with elevated Cu values that appear to trend NW-SE. It was recommended a more detailed grid and sampling program be completed to pave the way for future mapping, surveying and possible drill programs
22897	1993	Canim Lake Gold Corp.	M. Schatten	Assessment Report on the Bud Property 1992 Geochemical & Drill Program	In July 1992, Canim Lake Gold Corp. conducted an infill soil sampling survey to test the continuity an anomalous copper zone on Bud #4, as identified through the work carried out by Pamicon Development earlier in the year. The program included an additional 2 km of grid lines running due N at 500 m long at 200 m intervals, and a total of 59 soil samples collected every 50 m from the B horizon which were analyzed for Cu content. Geochemical values greater than 49 ppm Cu were considered anomalous, which identified a large weakly anomalous zone trending NW-SE. The large anomalous envelope identified by these samples hosted many high zones with values up to 206 ppm Cu. Based on these results, Canim Lake Gold Corp conducted a reverse circulation drill program in October 1992. The purpose was to test these high zones in the southern geochemical anomaly, and included twelve drill holes totalling 487.8 m. Additionally, 63 soil samples were collected from overburden and 85 drill chip samples were collected and analysed for Au and Cu content. The drilling program identified a zone of copper mineralization in altered volcanics adjacent to the contact of the alkalic ML stock. Analytical results yielded values up to 676 ppm Cu, however, the mineralization zone extent was not determined, warranting additional drilling.
23549	1994	A. Kikauka and P. Matson	A. Kikauka	Geological and Geophysical Report on the JC 1 Claim, Jacobie Lake, Likely, BC	In September 1994, a geological mapping and magnetometer geophysics program was carried out by A. Kikauka and P. Matson on the JC 1 claim. The goal of the program was to define the relationship between bedrock geology and total field magnetics, and included a total of 545 magnetometer readings at 12.5 m spacing. Results could not determine whether increased magnetite has a correlation with increased Cu mineralization, however there are significant mag anomalies in the vicinity of five trenches with known Cu mineralization. Although these trenches were dug in 1989 as a result of logging and in no way are to be considered geological data, the author determined their random success suggests a planned trenching program concentrating on these target areas would yield strong results.

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24566	1996	Big Valley Resources Inc.	S.J. Tennant	1996 Geochemical Assessment Report on the BV 4-9 Mineral Claims	From June to July 1996, a geochemical exploration program was completed on the BV 6 and 7 mineral claims, which included 34 km of N-S oriented grid lines spaced 100 m apart. Using the grid, a total of 645 soil samples were collected from the B horizon at 50 m intervals. Results yielded anomalous Cu values up to 456 ppm and Au values up to 74 ppb, however anomalous values were scattered along many lines, a strong trend could not be determined. The author recommended some short fill-in lines be put in and sampled, along with the completion of a detailed mapping program to better interpret historical data.
25180	1997	Big Valley Resources Inc.	S.J. Tennant	1997 Geochemical Assessment Report on the Calm 1-3, 7 & 10 Mineral Claims	In early 1997, Big Valley Resources Inc. completed a similar geochemical exploration program on the Calm 1-3, 7 & 10 claims. A 35 km, NS trending grid with 100 m spacing was established and used to collect a total of 618 soil samples, which were collected from the B horizon every 50 m. An additional 249 soil samples were collected on 25 m centers on a number of fill-in lines, which were established in the NE portion of the established grid. Geochemical results yielded values up to 1040 ppb Hg and 200 ppm Cu, with one sample highs (>200ppm Cu) located in the SE corner; and determined a background value of 35 ppm Cu. The author recommended a series of test pits and short trenches be dug to bedrock in the area.
25301	1997	Big Valley Resources Inc.	S.J. Tennant	1997 Drilling Assessment Report on the Calm 4-9 Mineral Claims	In July 1997, Big Valley Resources completed a drilling exploration program on the Calm 4 mineral claim, which included three diamond drill holes located in the vicinity of the five short reverse circulation rotary holes the company previously drilled in 1985. The program totaled 641.1 vertical meters producing 201 core samples, which were analyzed for Cu and Au content. Geochemical results yielded low values suggesting no further drilling was necessary. The author recommended future exploration should concentrate on the Calm 5 & 6 mineral claims.
25261	1997	A. Kikauka and M. Bombois	A. Kikauka	Geophysical Report on the JC 1 Claim, Jacobie Lake, Likely, B.C	In September 1997, A. Kikauka and M. Bombois completed a geophysical exploration program on the JC 1 claim, which included a fill-in magnetometer and Beep Mat IV geophysical survey. The purpose of the investigation was to identify anomalous total field magnetics and conductivity contrast in order to identify Cu-Au-Ag bearing drill targets. A total of 17.45 km of new gridlines were surveyed and linked to a 1.2 km pre-established baseline. A total of 11.55 km of magnetometer readings were taken at 12.5 m spacing. The Beep Mat survey identified seven zones of high conductivity concentrated in the central part of the grid area, however, no correlation was determined between the conductivity and magnetometer values. Since there was very little outcrop found in the area any correlations between magnetite and Cu mineralization remain unknown.
25717	1998	Big Valley Resources Inc.	S.J. Tennant	1998 Geochemical Assessment Report on the BV 4 & 6-9 Mineral Claims	From July to August 1998, Big Valley Resources Inc. completed a geochemical soil sampling program on the BV-7 and BV-9 mineral claims. The program included the establishment of two NS oriented grids with 100 m spaced lines totalling 37 km. Using the established grid, a total of 617 soil samples were collected from the B horizon at 50 m intervals and analysed for Cu and Au content. Results from the BV-9 grid showed a low background value of ~25 ppm Cu, with values >100 ppm Cu being widely scattered but reaching up to 202 ppm Cu. Similarly, Au values >10 ppb Au were widely scattered but reached up to 250 ppb Au. Results from the BV-7 grid yielded results slightly higher than that of the BV-9 grid; with values >10 ppb Au and >100 ppm Cu being widely scattered but reaching up to 410 ppm Cu. The company recommended that some short fill-in lines along with 25 m sampling spacing be carried out in various parts of the grids, as well as some additional sampling on the BV-7 claim.
25960	1999	Globex Mining Enterprises Inc	A. Kikauka	Geological and Geophysical Report on the J 1-4 Claim Group, Jacobie Lake, Likely, B.C.	In July 1999, A. Kikauka completed a geological mapping, magnetometer geophysics and trenching program on the J 1-4 mineral claims on behalf of Globex Mining Enterprises. The program included surveying 5.6 km of NE trending grid lines which were used for mapping and the magnetometer survey, which totaled 1148 readings collected every 5 m along 28 separate lines. Finally, ten trenches measuring between 5 and 35 m in length were dug with an average width of 4 m and a total 46 rock chip samples were collected. Geochemical results of the rock chip samples suggest there are three styles of copper mineralization including: Trachybasalt hosted in chalcocite-covellie-cuprite-malachite-chrysocolla, which is high grade and yielded results up to 7.12 % Cu; Trachybasalt hosted in chalcocite-covellite-cuprite-malachite-native copper, which consists mainly of disseminate mineralization; and Felsite hosted malachite-chalcocite-covellite-cuprite, which hosts the highest relative amount of carbonate and ankerite. The author recommended an induced polarization (IP) survey be completed in order to evaluate the potential for mineralization to depth.
26614	2001	Phelps Dodge Corporation of Canada	G. Kulla	Geological and Geochemical Report on the Morehead Property	In May and June 2000, a geological mapping and geochemical sampling program was conducted on the Morehead property by Phelps Dodge. The program included geological mapping and the collection of 11 bedrock & 131 soil samples, as well as an additional 22 rock and 12 soil samples collected outside the claim area. Soil samples were collected along a 1 km line at 50 m intervals, and 51 from geochemical profile pits. Geochemical soil results yielded values up to 269 ppm Cu, 547 ppb Ag, 18.7 ppm As and 173 ppb Au. Additionally, most pit profiles demonstrated a slight correlation between Cu content with depth. Results from the rock samples yielded values up to 10,968 ppm Cu (>0.1% Cu), 5119 ppb Ag, 89.5 ppm As and 349 ppb Au. Overall, the bedrock and float samples indicate Cu occurs as chalcocite and malachite in volcanic and sedimentary rocks over some six by three km. The company recommended till profiling and detailed soil sampling on other regions of the claim is still warranted.

AR#	Year	Company	Authors	Report Name	Summary
27752	2005	L. Addie	L. Addie	Prospecting Report on the Jacobie Mineral Claim	From May 2004 through July 2005, L. Addie completed a series of three site visits on the Jacobie Property, compiling a prospecting program which included the collection of 26 till samples. Geochemical results from the till samples yielded results up to 149 ppm Cu, with four considered anomalous. The author recommended these four samples should be further followed up with additional till sampling up ice to the SE.
28000	2005	Bailey Geological Consultants (Canada) Ltd.	D.G. Biley	Assessment Report: Geological Exploration Morehead Project Mineral Tenure Numbers 415560, 62, 63, 67, 68, 71, 508082, 85, 90, 91, 92, 94, 95, 96, 512135, 36, 38, 39, 40, 41, 517316, 24	In 2005 the Bailey Geological Consultants Ltd. conducted a geological exploration program on the Morehead Group of claims, in order to assess the potential for hosting deposits being exploited at Mt Polley. The program included geological mapping and the collection of 4 rock samples to analyse for background values. Additionally, 14 samples of split core from drill hole 2000-4, drilled by Big Valley Resources in 2000, were re-examined and collected for analysis. It was concluded that the western portion of the project area showed limited potential for economic Cu-Au mineralization. However, the northwestern portion of the project area hosts a syenite stock intruding carbonate strata, suggesting skarn-type Au mineralization may occur within the western portion of the area.
28339	2006	Robert A. Johnson	T.R. Johnson	2005 Geological Assessment Report on the Dalia Claim	In September 2005, Trent Johnson conducted a geochemical exploration program on the Dalia claims on behalf of Robert Johnson. The program included 425 m of established grid line and the collection of 20 soil samples collected from the B horizon at 25 m intervals. Geochemistry returned generally low values, up to 113 ppm and <0.1% Au, and it was noted that clay rich till samples can mask mineralization. Overall, the sampling line followed mag highs from previous surveys, but suggested using test pits or trenches in dense till areas for better results. Recommendations include investigating the magnetic anomaly in the NW, where less till may be present due to a topographic high.
32283	2011	Eagle Peak Resources	P.E. Fox	Geological, Geochemical Report, Jacobe Lake Prospect	In 2011, Eagle Peak Resources Inc. completed a geological exploration program on the Jacobie Lake Prospect. The program included geological mapping, the collection of six rock samples collected from backfilled trenches and 77 soil samples collected from roadsides and trails at 100 m intervals. Geochemical results from the soil samples returned widely erratic and distributed with values up to 220.3 ppm Cu, with one low contrast zone of elevated Cu identified, E of the main showing. Five out of the six rock samples collected returned values up to 5.4% Cu. Further investigations into the zone with slightly elevated Cu values was recommended.
32393	2011	Eagle Peak Resources	P.E. Fox	Geological, Geochemical Report QR SOUTH Prospect	In May and June 2011 Eagle Peak Resources Inc. completed a geological exploration program on the Quesnel River South Prospect. The program included geological mapping, the collection of 3 rock samples collected from two outcrops near the Quesnel River and 315 soils samples collected from roadsides and trails at 100 m intervals. Geochemical results from the soil samples returned widely erratic and distributed returning only background values for Cu and values up to 370 ppb Au. Geochemical results from rock samples returned values up to 45 ppm Cu and up to 2.8 ppb Au. Although no Cu targets were determined, further sampling to delineate the erratic and broad anomalous gold is recommended.
32706	2011	Serengeti Resources Inc.	H.R. Samson	Assessment Report including Prospecting on the Mt. Polley 1 Claims	In September 2011 Serengeti Resources Inc. completed geological field investigation of the Mt Polley 1 claims, after acquiring the property with Fjordland Exploration Inc. in October 2010. The program included collecting detailed field observations of geological features and the collection of 11 rock samples from predetermined areas based on historical geochemical data. Geochemical results returned anomalous Cu and Au in some samples, with values up to 551.7 ppm Cu and 51.4 ppb Au. Overall, assay results and field observations indicated the presence of iron-carbonate alteration associated with monzonitic to quartz monzonitic stock. It was recommended that exploration continue, as there is potential for the discovery of a significant Au-bearing hydrothermal system.
34571	2013	Serengeti Resources Inc.	H. Clarke	Assessment Report including Geochemical Soil Sampling on the Mt Polley Claim	In September 2012, Serengeti Resources Inc. completed a geological exploration program on the Mt Polley claims. The program included the collection of 19 soil samples, collected from the B horizon; and the collection of seven soil samples, collected from the Ah horizon, at 100 m intervals. Geochemical results of the Ah horizon samples returned values up to 9.3 ppb Au and 38.5 ppm Cu, and mean values of 4 ppb Au and 30.3 ppm Cu. Similarly, geochemical results from the B horizon samples returned values up to 0.07 ppb Au and 1, 730 ppb Cu, and mean values of 0.03 ppb Au and 654 ppb Cu. Although the program did not detect extensive mineralization, it was concluded that there remains a potential for the discovery of an Au-bearing hydrothermal system at the Mt Polley 1 project, and further investigation is warranted.
34223	2013	Eagle Peak Resources	P.E. Fox	Diamond Drilling Report on the Jacobie Lake Copper Prospect	In 2013, Eagle Peak Resources Inc. completed a diamond drilling program on the Jacobie property, E of Jacobie Lake, in order to test a zone of chalcocite-rich rocks trending northwest from the original trenches near Jacobie Mountain. The program included three drill holes totaling 600.1 m, however no samples were collected for analysis. All holes drilled through intermittent basalts and sandstone units, and no mineralization was observed throughout the drilling process.

AR#	Year	Company	Authors	Report Name	Summary
37266	2018	Jedway Enterprises Ltd.	D. Bridge	Geological Report on the J Property, 150 Mile House Area, Caribou Mining Division, British Columbia	Jedway Enterprises Ltd. completed an aerial photo interpretation assessment in June 2017 using google earth, followed by a geological mapping program on the northern part of the J Property in July 2018 (D. Bridge, 2018). The program yielded the discovery of jasper and epidote veined oxidized Upper Triassic, Nicola Group basalt breccia in the vicinity of a possible Cretaceous potassic granite dyke with extensional - shear calcite veinlets in basalt breccia in similar orientation to the NW faults (D. Bridge, 2018 and D. Bridge, 2019). In October 2018, the company completed a geophysical interpretation program based on the previous geological assessment. The investigation found a correlation in that the Cretaceous granite stocks form magnetic lows while the stratabound redbed copper mineralization forms magnetic highs (D. Bridge, 2019). The company recommended further mapping and sampling be conducted in the area, followed by an IP survey and drilling if the results warrant (D. Bridge, 2018 and D. Bridge, 2019).
37963	2019	Jedway Enterprises Ltd.	D. Bridge	Geological Report on the J Property, 150 Mile House Area, Caribou Mining Division, British Columbia	
40295	2022	Dahrougr Geological Consulting Ltd.	D. Downie and N. Schmidt	2022 Airborne Geophysical Survey of the ML Property, near Williams Lake, B.C.	In February 2022 Precision GeSurveys conducted a high-resolution helicopter-borne magnetic and radiometric survey over the ML Property, following a preliminary site visit in October 2021. The program included an area of 87.5 km2 (488 line kms) and was conducted as a precursor to surface exploration work to identify drill targets. Results of the survey identified two large-scale magnetic anomalies located in the south-central and south western portions of the property. The anomalies appear to cross lithological boundaries and could be used to help understand underlying stratigraphy. A very strong magnetic high centered within the south-central area of the property, where mafic basalts and volcaniclastic units have been mapped in the past. Similarly, a magnetic low to the south-western of the property could represent a contact with early marine sedimentary rocks; or represent a magnetite-destruction zone characteristic of porphyry alteration. The author concluded additional follow work on the property was warranted, in particular drilling be completed.
41121	2022	Eagle Plains Resources Inc.	E. Morely	Mt. Polley West Property (Contiguous Claims), Volume I: Assessment Report 2022 Geochemical and Geological Program, Claims: 1091465, 1091528, 1091544, 1091584,1091612, 1091690, and 1094477	In 2022, TerraLogic Exploration Inc. conducted a field program at the Mt Polley West (Contiguous Claims) property on behalf of Eagle Plains Resources Ltd., which included the collection of 73 soil samples, the collection of 11 rock samples, and geological mapping. Overall, the program confirms that the Mt Polley West (Contiguous Claims) property is prospective for significant copper mineralization. Mapping confirmed noteworthy copper mineralization on the property 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. Soil sampling assay results returned up to 343 ppb Cu, and rock sampling results returned up to 1005 ppb Cu.
41123	2022	Eagle Plains Resources Inc.	E. Morely	Mt Polley West Property (Claim 1092885) Volume I: Assessment Report 2022 Geochemical and Geological Program, Claim 1092885	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 the collection of 20 soil samples, the collection of seven rock samples, and geological mapping. Overall, the program confirmed that the Mt Polley West (Claim 1092885) property is prospective for significant copper mineralization. Exploration activity focused mainly on the historic Jacobie (093A 066) and JC1 (093A 309) showings. Mapping confirmed noteworthy Cu 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. Soil sampling assay results returned values up to 122 ppb Cu, and rock sampling results returned values up to 1595 ppb Cu.
42134	2023	West Coast Placer	N. Gust	Geophysical Report, Tenure #'s 1099762, 1099763, 591198	In May 2023 a geophysical survey was conducted on the Morehead Creek Property, with the purpose to identify and map paleochannel systems that may contain placer gold deposits within the claims. The survey highlighted deep areas in the bedrock that are consistent with the shape of a bedrock paleochannel. The data also showed a paleochannel running in the NE-SW direction through the survey area. Overall, the survey showed results consistent with previous investigations and provided more certainty to the position and depth of the ancient channel. Two survey lines showed evidence for a second channel running perpendicular to the main channel, however more evidence is required to determine if the two channel connect. Further seismic exploration was recommended.

Geological Setting

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, forming Parts of the Intermontane Belt of the Canadian Cordillera (Figure 3) (McNeil, 2023). The belt is a northwest trending tectonic division comprised of Mesozoic volcanic and sedimentary rocks of island arc affinity represented by Takla Group to the north and by Nicola Group to the south. Nicola Group rocks underlie the property area. Alkalic intrusions coeval with volcanics and often closely related to alkaline copper-gold porphyry deposits are widespread in the Quesnel Terrane (McNeil, 2023).

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 and 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 (F1), 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 and Morely, 2022).

The closest major deposit to the property is the Mount Polley Copper-Gold Porphyry Deposit which lies approximately 8 km to the east (Figure 3). The magmatic centre is late Triassic in age and extends 6 km by 4 km. Mineralization occurs in breccias and stockwork veins within the intrusion or in the surrounding country rock (Brown *et al.,* 2016 and Morely, 2022).

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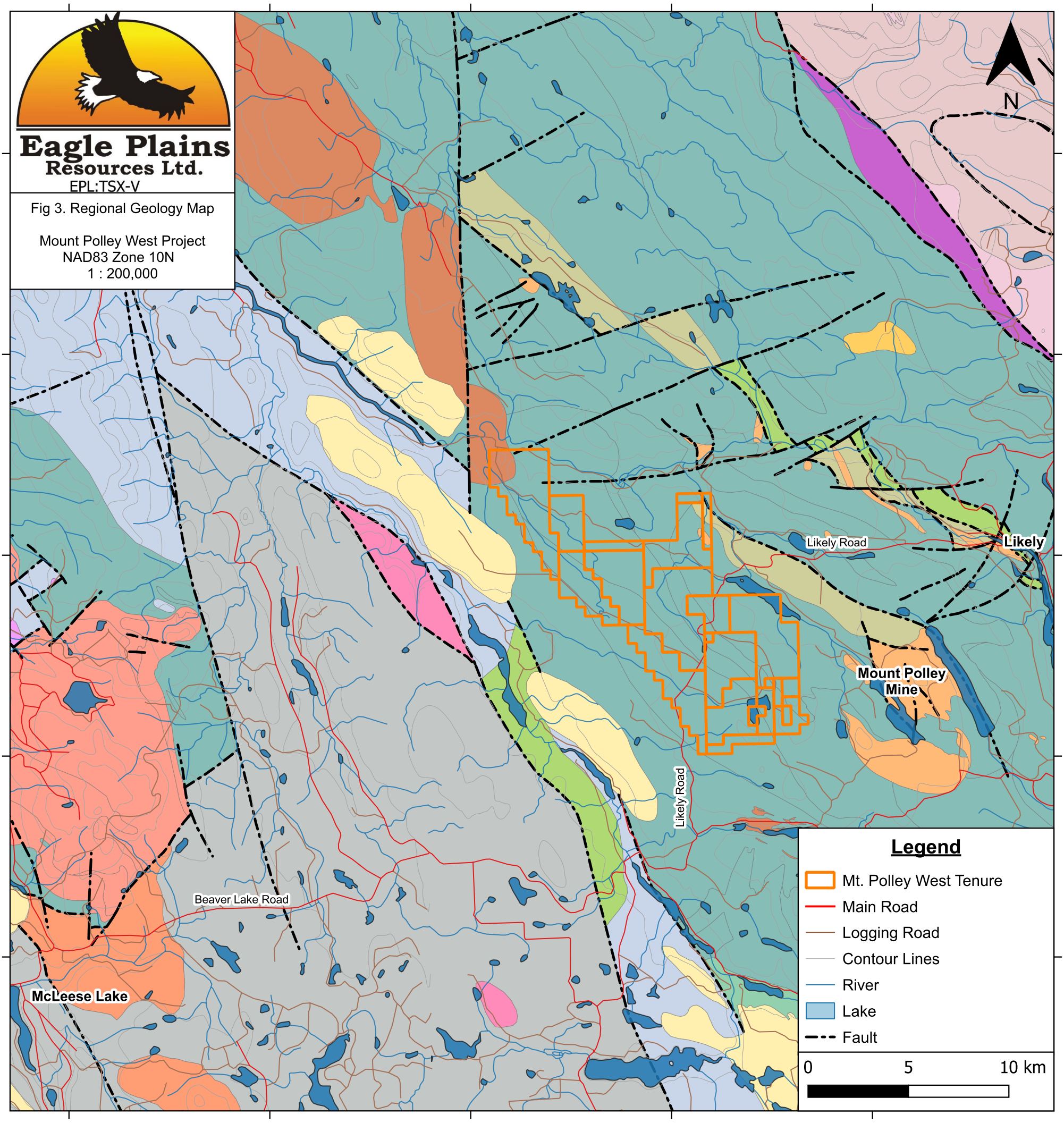
Fig 3. Regional Geology Map

Mount Polley West Project
NAD83 Zone 10N
1 : 200,000



Lithology

(Based on Digital Geology Map by BCGS - Cui, Y., Miller, D., Schiarizza, P., and Diakow, L.J., 2017. Data version 2019-12-19.)

DMQ	orthogneiss metamorphic rocks
EJPUmu	mafic to ultramafic rocks
EKAva	andesite, trachyandesite, trachyte and latite flows; andesitic volcanic rocks
EKSCto	tonalite intrusive rocks
KTcg	conglomerate, coarse clastic sedimentary rocks; undivided sedimentary rocks
LJMTgd	granodioritic intrusive rocks
lJst	argillite, greywacke, wacke, conglomerate turbidites
lmJDMs	undivided sedimentary rocks
lmJDMsf	mudstone, siltstone, shale fine clastic sedimentary rocks
lmJs	undivided sedimentary rocks
LTmz	syenitic to monzodioritic intrusive rocks
LTrBCqd	quartz dioritic intrusive rocks
LTrBCto	tonalite intrusive rocks
LTrGMBqd	quartz dioritic intrusive rocks
LTrGMGMto	tonalite intrusive rocks
LTrGMMto	tonalite intrusive rocks
LTrGMMto.tr	tonalite intrusive rocks
LTsy	syenitic intrusive rocks
Mdr	dioritic intrusive rocks
MiPlCvb	basaltic volcanic rocks
MJSMqm	quartz monzonitic intrusive rocks
MLJSMgr	granite, alkali feldspar granite intrusive rocks
muTrNbp1	undivided sedimentary rocks
muTrNbpv	volcanic rocks
muTrNvs	transitional mixed volcanic and sedimentary rocks
PnlJCCsv	marine sedimentary and volcanic rocks
PzSGP	metasediments
PzSHR	metasediments
TJsy	syenitic to monzonitic intrusive rocks
uPrPzSK	metasediments
uPrPzSKv	greenstone, greenschist metamorphic rocks
uPrPzSR	metasediments
uPzC	serpentinite ultramafic rocks
uTrNab	basaltic volcanic rocks
uTrNlm	limestone, marble, calcareous sedimentary rocks
uTrNpb	volcaniclastic rocks
uTrNppbb	basaltic volcanic rocks; volcaniclastic rocks
uTrNsv	marine sedimentary and volcanic rocks; undivided sedimentary rocks
uTrNsvb	basaltic volcaniclastic rocks
uTrNsvpb	basaltic volcanic rocks; basaltic volcaniclastic rocks
uTrNvb.f	basaltic volcanic rocks
uTrNvf	rhyolite, felsic volcanic rocks

Property Geology

Geology within the property area consists primarily of late Triassic Nicola Group (Figure 4). 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 and Morely, 2022). Historical, mapping programs defined the following common lithologies on the property: Trachybasalt, Pyroxene-phyric alkali basalt pillow lava and breccia, Trachybasalt, pyroxene-phyric alkali basalt pillow lava and breccia, Mafic grey-maroon polylithic breccia and Felsitewith carbonate-ankerite-limonite-sericite with rare Quartz porphyry dykes intruding the aforementioned units (Kikauka, 1999 and Fox, 2011). Basal epiclastic sediments include phyllite and siltstone with minor sandstone, greywacke conglomerate and limestone. Overlying volcanic rocks and associated sedimentary rocks include a basal package of alkaline-olivine basalt and alkali basalt composition lavas, breccias and flows with upper siltstone, sandstone and minor limestone. Successively, overlying these units are volcanic breccias and fine tuffs of latite-trachyte composition, minor fine sediments, amygdaloidal alkali-olivine basalt, and a successor basin assemblage including post-volcanic calcareous sandstone, siltstone, and cobble conglomerate. Pleistocene glacial and fluvial deposits and Miocene lavas cover large areas of the Quesnel Belt (McNeil, 2023). Intrusive rocks include several small stocks, plugs and dykes of syenite to monzodiorite composition. The Mt. Polley stock, which hosts the Mt. Polley deposit, is of monzonite to syenodiorite composition. These intrusives are thought to be coeval and comagmatic with Early Jurassic volcanism extending into Middle Jurassic time. Stocks and dykes of quartz monzonite to granite of probable Cretaceous age cut earlier intrusives. Mafic dykes which cut basal sedimentary rocks probably represent feeders to overlying mafic volcanic rocks (McNeil, 2023).

Structurally, the central Quesnel Belt has been folded into a broad open syncline of regional extent cut by at least three generations of faults. Fault orientations include an early (post mid-Jurassic) northwest trending low angle reverse thrust, later northeast trending sinistral faults and a third north trending fault system which may have been active into the Tertiary. Basal sedimentary rocks display variable penetrative fabrics, with two phases of folding. Rocks higher in the sequence show no penetrative fabric (McNeil, 2023).

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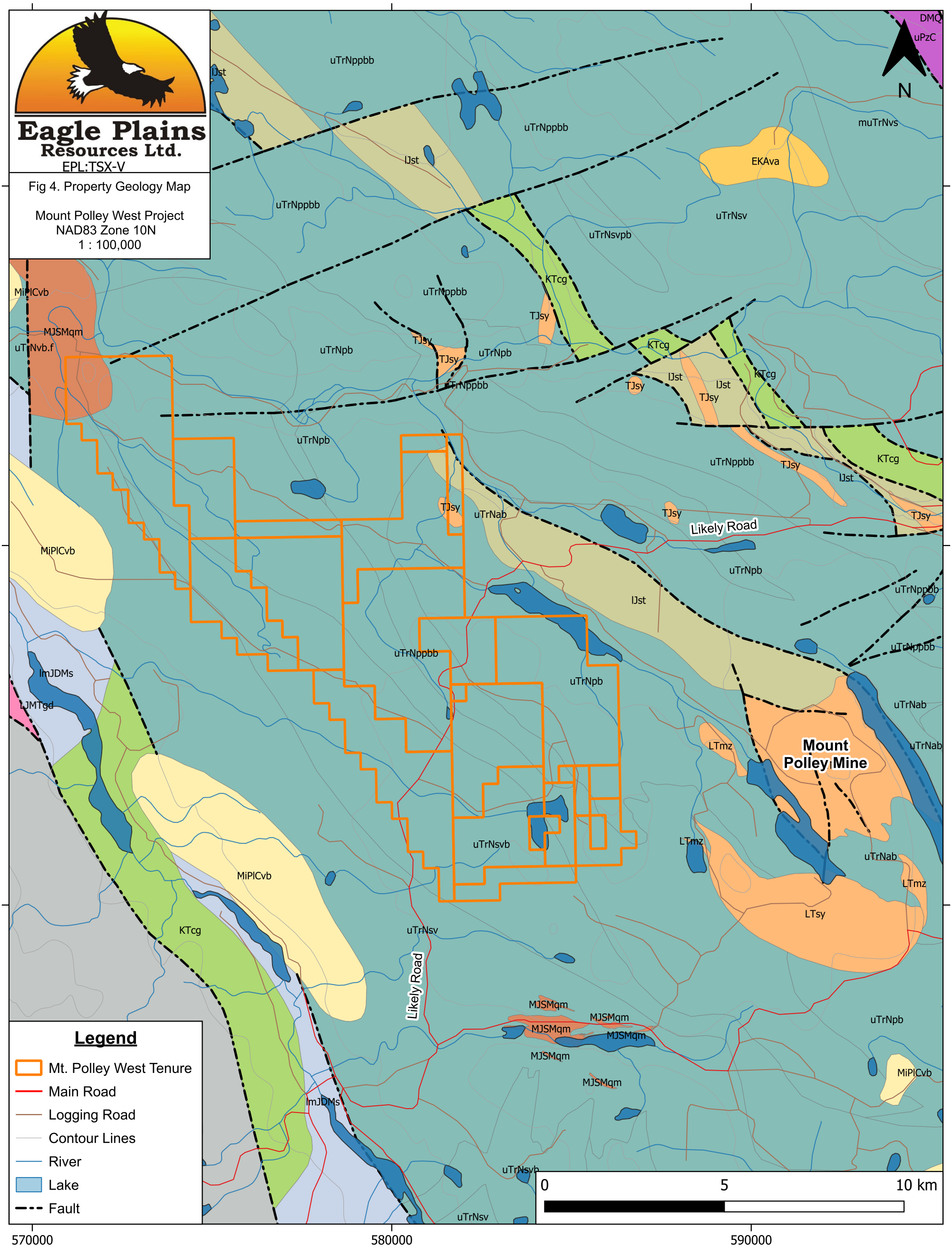
Fig 4. Property Geology Map

Mount Polley West Project
NAD83 Zone 10N
1 : 100,000



Lithology

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lJst	argillite, greywacke, wacke, conglomerate turbidites
lmJDMs	undivided sedimentary rocks
LTmz	syenitic to monzodioritic intrusive rocks
LTsy	syenitic intrusive rocks
MiPlCvb	basaltic volcanic rocks
MJSMqm	quartz monzonitic intrusive rocks
muTrNvs	transitional mixed volcanic and sedimentary rocks
PnlJCCsv	marine sedimentary and volcanic rocks
TJsy	syenitic to monzonitic intrusive rocks
uPzC	serpentinite ultramafic rocks
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
uTrNsvpb	basaltic volcanic rocks; basaltic volcaniclastic rocks
uTrNvb.f	basaltic volcanic rocks

Mineralization

Copper-gold mineralization with alkalic porphyries is spatially and temporally related to comagmatic and coeval alkalic plutonism and volcanism. The Mt. Polley stock (Cariboo-Bell) is located approximately 8 km east of the property. Mt. Polley is characterized by crackle and intrusive breccias typical of porphyry systems, with a propylitic alteration zone surrounding a central potassic and intermediate garnet-epidote alteration zone (McNeil, 2023).

Other types of mineralization which occur near the property include disseminated chalcocite and chalcopyrite-pyrite in basalts, native copper in amygdules within basalt and associated with carbonate alteration.

The Mount Polley property hosts 12 historic MINFILE occurrences (Table 3). MINFILE occurrences within or near the property include: Jacobie (093A 066); Morehead Creek (093A 069); ML (093A 118); Little Lake (093A 196); Jacobie 2 (093A 307); JC1 (093A 309); MJ1 (093A 310); Impasse (093A 311); Gold Master (093A 312); Bud 1 (093A 313); Bud 3 (093A 314) and JC8 (093A 318) (Table 3).

The recorded occurrences are hosted in volcanic rocks and are typically present as disseminations or fracture filling of malachite, chalcocite, covellite, cuprite, azurite, chrysocolla, and native copper. The mineralization style is suggested to be volcanic red bed-style copper mineralization as simple copper mineral assemblages are hosted in oxidized subaerial volcanic rocks (Morely, 2022 and McNeil, 2023).

The basaltic rocks were deposited subaerially and consists of vesicular flow breccias with amygdules of calcite and zeolite. In areas of the property chalcocite, covellite, cuprite, malachite, azurite, chrysocolla and native copper also occur as disseminated, fracture fillings and in amygdules in the basalts (McNeil 2023).

Quartz-carbonate-ankerite alteration zones associated with northeast-striking faults also contain minor amounts of copper mineralization.

Table 3 – Mineral Occurrences within or near the Mt Polley Property

Minfile No.	Year	Name	Status	Deposit	Commodity	Comments
093A 318	1991	JC 8	Showing	Disseminated	Cu	Outcrop showing: a 75m area of propylitic-altered basalts near a syenite intrusive hosts disseminated pyrite and chalcopyrite. Grab sample assayed 0.191% Cu. Located in central Quesnel Trough and underlain by Upper Triassic to Lower Jurassic sedimentary and mafic to felsic volcanic rocks.
093A 309	1990	JC 1	Showing	Disseminated, Stockwork, Vein	Cu-Ag	Trench showing: hosting chalcocite, covellite, cuprite, and malachite yielded 0.16% Cu over 15m. In 2011, a rock sample from the trench yielded 2.3% Cu (AR 32283). Mineralization hosted in maroon basalt flow breccias with amygdules of calcite and zeolite.
093A 066	1985	JACOBIE	Showing	Disseminated, Stockwork, Vein	Cu-Ag	Trench showing: hosting chalcocite, covellite, cuprite, and malachite yielded 0.16% Cu over 15m. In 2011, two grab sample from the trench yielded 0.195% Cu and 0.113% Cu Cu (AR 32283). Mineralization hosted in maroon basalt flow breccias with amygdules of calcite and zeolite.
093A 307	1984	JACOBE 2	Showing	Disseminated, Stockwork, Vein	Cu	Outcrop showing: chalcocite, cuprite, malachite, azurite, chrysocolla and native Cu present at disseminations, fracture filling and amygdules mineralization in vesicular maroon basalt. Minor Cu mineralization found in quartz-carbonate-ankerite alteration in NE-striking fault. Two rock samples assayed 0.480% and 0.143% Cu.
093A 118	1985	ML	Showing	Disseminated, Stockwork	Cu, Ag, Au	Outcrop showing: with mineralization occurring as disseminated and fracture-controlled chalcocite with malachite in basalt, and as chalcopyrite, chalcocite and malachite along fractures in altered limestone. Grab samples returned values up to 123.1 g/ton Ag (1991), 0.648 g/ton Au (1984) and up to 1.36% Cu (1991).
093A 310	1990	MJ1	Showing	Disseminated, Stockwork, Vein	Cu-Ag	Mineralization hosted in maroon basalt flow breccias with amygdules of calcite and zeolite and minorly in quartz-carbonate-ankerite alteration zones associated with northeast-striking faults. Grab samples returned values up to 2.64% Cu and 21.6 g/ton Ag.

093A 311	1984	IMPASSE	Showing	Disseminated, Stockwork, Vein	Cu-Zn	Mineralization exists as disseminated pyrite and chalcocite are hosted in strongly brecciated and carbonate-altered basalt with fragments containing intensely quartz-sericite-carbonate alteration. Native copper and malachite are also reported in the area. In 1984, a rock sample assayed 1.40% Cu. In 1991, a select grab sample assayed 1.06% Cu, while later the same year another sample assayed greater than 1.0% Cu with 0.26% Zn.
093A 312	1984	Gold Master	Showing	Disseminated	Cu	Mineralization hosted in amygdaloidal and porphyritic basalt flows and flow breccias as malachite and lesser native copper. In 1984, rock samples returned values up to 0.680% Cu
093A 313	1991	BUD 1	Showing	Disseminated, Vein	Cu	Mineralization hosted in basalts as chalcocite and malachite in narrow, less than 1 centimetre, calcite fractures. In 1991, rock samples returned values up to 0.761% Cu.
093A 314	1992	BUD 3	Showing	Disseminated	Cu, Au, Pb, Zn	Mineralization hosted in a mafic volcanic crystal tuff as minor malachite and chalcocite mineralization. In 1991, two grab samples assayed up to 1.01% cu, 0.108% Pb and 0.231% Zn. In 1992, a rock sample assayed 0.889% Cu and 0.221 g/ton Au.
093A 196	1985	LITTLE LAKE	Showing	Vein	Au	In 1985, two 1.5 metre intersections yielded Au values of 0.68 gram per tonne and 0.33 gram per tonne, while another drill hole intersected 9.1 metres yielding 0.104 gram per tonne Au. Mineralization hosted in maroon basaltic breccia that has been weakly silicified and/or carbonate-altered with varying amounts of quartz vein material over an approximately 400 m wide area. Pyrite is rare to non-existent. Other drill holes intersected medium- grained, light pink to hematite-stained monzonite. Disseminated pyrite is occasionally observed in the monzonite, usually in association with quartz veining.
093A 069	1927	MOREHEAD CREEK	Past Producer	Unconsolidated	Au	Placer workings on Morehead Creek were first discovered in the 1860s. The creek valley consists of about 23 to 30 metres of Pleistocene and Holocene alluvium (consisting of three distinct layers) on a basement of Upper Triassic Nicola Group basalt flows and flow breccias. The middle layer of the alluvium is well stratified, glaciofluvial gravel approximately 15 metres thick. These are the "Upper Gravels" of the old hydraulic mine which yielded $0.04 per cubic yard or 0.031 gram per tonne (1927). The lowest layer are the "Lower Gravels" consisting of poorly stratified, poorly sorted, with abundant cobbles/boulders. These yielded up to $2.00 to $10.00 per cubic yard or 4 to 21 grams per tonne (1927). From early 1913 to 1915, an average grade of $0.13 per cubic yard or 0.101 gram per tonne was attained. The gold-bearing gravels are of Pleistocene age.

2024 Work Program

From June 24th through July 1st, 2024, TerraLogic Exploration Inc., completed a Geochemical Exploration Program on the Mount Polley West property on behalf of Eagle Plains Resources. The field program was designed and executed by a crew of four TerraLogic employees: Laura Tennent, Brad Robison, Ashton Baich and Claudia Castillo Gomez. The team was based out of McLeese Lake, B.C., for the duration of the six-day program. Sample areas were accessed with 4x4 pick up trucks and ATVs via the Likely Road, 2600 forest service road network, priority forest service road network and a private road. Weather in the field was variable, with intermittent rainy, cloudy and sunny days, with average temperatures ranging between 12 to 25°C.

The sampling area was hummocky (between 0-40̊ slopes) with intermittent cedar blowdown and clearcuts. The ice flow direction on the property is to the north-west, historically mapped by the Geological Survey of Canada (GSC). Two mineral occurrences (093A 313 & 093A 118) were proximal to the sampling area in the south-east portion of the till grid. The 093A 313 minfile is a documented showing with volcanic redbed disseminated and vein hosted hydrothermal Cu; and the 093A 118 minfile is a documented showing with sediment hosted disseminated and stockwork hydrothermal and epigenetic Cu, Au and Ag. The purpose of the 2024 program was to collect a grid of till samples in the down-ice flow direction of the historically reported anomalous till and outcrop samples and to further vector toward Cu+/-Ag+/-Au mineralization, similar to the mineral showings on the property.

The four-person, six-day field program resulted the collection of 6 geostations (Figure 5a), 3 rock samples and 38 till samples (Figure 5b). Terralogic Exploration's till sampling procedures resemble the procedures which were outlined by Plouffe and Ferbey (2016) of the Geological Survey of Cananda. Sample locations were recorded using a hand-held GPS and tablets equipped with offline QGIS and TerraLogic Explorations proprietary data collection application. Rock samples were submitted to ALS Geochemistry in North Vancouver, BC. Till samples were submitted to ALS labs for analysis, as well as to Overburden Drilling Management (ODM) for gold grain and indicator mineral analysis.

Eagle Plains Resources Ltd.
EPL:TSX-V

Fig 5a. 2024 Geostation Location Map

Mount Polley West Project
NAD83 Zone 10N
1 : 8,000

581000
582000
5828000
5827000
5826000

N

uTrNpb
uTrNab

LMMPG006
LMMPG005
LMMPG001
LMMPG003
LMMPG004
LMMPG002

Legend

- Mt. Polley West Tenure
- Main Road
- Logging Road
- Contour Lines
- River
- Lake
- Geostation

Lithology (Based on Digital Geology Map by BCGS, 2017)

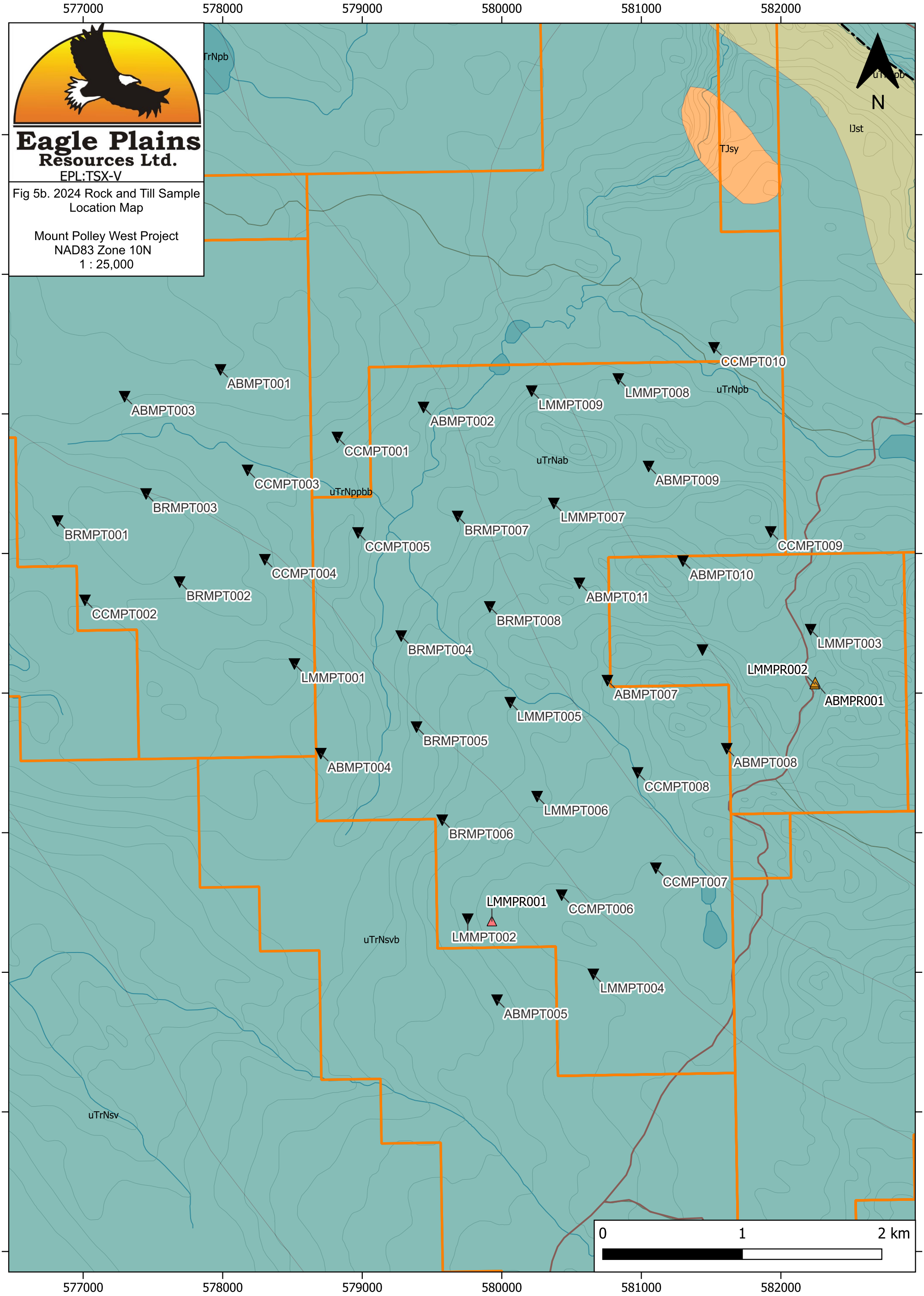
- *uTrNab* basaltic volcanic rocks
- *uTrNpb* volcaniclastic rocks
- *uTrNppbb* basaltic volcanic rocks; volcaniclastic rocks
- *uTrNsvb* basaltic volcaniclastic rocks

0 250 500 750 m

Eagle Plains Resources Ltd.
EPL:TSX-V

Fig 5b. 2024 Rock and Till Sample Location Map

Mount Polley West Project
NAD83 Zone 10N
1 : 25,000



Legend

- Mt. Polley West Tenure
- Main Road
- Logging Road
- Contour Lines
- River
- Lake
- Till Sample Location

Rock Sample Location
- monzonite
- metasediment

Lithology

(Based on Digital Geology Map by BCGS, 2017)

lJst	argillite, greywacke, wacke, conglomerate turbidites
TJsy	syenitic to monzonitic intrusive rocks
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

2024 Till Sampling Results

Till sample locations for the 2024 exploration program targeted areas that reported elevated gold values and gold grains from the 2023 program and historic reported results. The field program targeted sample areas located up-ice of historical mineral occurrences, aiming to understand the mineralization and constrain the gold potential in the area. Till samples were collected in sub-glacial terrain (i.e. basal till), which is deposited at the base of an actively flowing glacier and is considered the most locally derived till. A total of 38 samples were collected in a grid in the central portion of the property, with samples spaced approximately 600 to 800 m apart (Figure 5b). The samples were subsequently submitted to both ALS and ODM laboratories for gold grain and geochemical analysis.

Analytical results from ALS laboratories revealed promising potential for the property to host volcanic Cu-Au mineralization. Till samples returned values ranging from 22 to 80 ppm Cu, with two anomalous samples, which returned 85.9 ppm Cu (ABMPT005) and 136.5 ppm Cu (ABMPT010) (Table 4 and Figure 6). Similarly, till samples returned values ranging from 0.5 to 9.0 ppb, with two anomalous samples; which returned 9.7 ppb Au (ABMPT006) and 24.9 ppb Au (LMMPT004) (Table 4 and Figure 6). Overall, samples returned low values for Ag content ranging from 0.025 to 0.130 ppm, with four anomalous samples returning; 0.158 ppm Ag (ABMPT002), 0.131 ppm Ag (ABMP010); 0.138 ppm Ag (LMMPT005) and 0.162 ppm (LMMPT009) (Table 4 and Figure 6).

Additionally, all 38 samples were analyzed at ODM Laboratories for gold grain analysis, including visible and calculated total grain counts, with grains designated as either reshaped, modified or pristine. Analytical results revealed promising gold values, with a total of 11 till samples collected on the property returning total gold grain counts >10 (Figure 7). The ratio of pristine gold grains compared to the total collected in each sample was calculated as a percentage and is displayed in Table 6. Three samples returned gold count values >25% pristine; AMPT005 (33%), ABMPT008 (38%) and BBRMPT005 (29%) (Table 6). One sample, CCMPT009, collected from the very center of the sampling area, returned a gold grain count of 89, 15 of which were categorized as pristine, which was the most significant sample for gold from the 2024 program and the Mount Polley West property to date (Figure 7, Table 6).

In addition to gold counts, ODM also performed an indicator mineral analysis on the submitted till samples. The following indicator minerals were recovered in minor-trace amounts: pyrite (ABMPT001, ABMPT008, ABMPT009), sapphire (ABMPT001, ABMPT003, BRMPT006), barite, cinnabar (LMMPT009), Tourmaline (BRMPT001 and ABMPT003), Chromite, Mn-epidote, red rutile and Augite-hematite/diopside and Augite-almandine/diopside (Figure 8a and 8b). Zircons were also present in all but four samples, with PCIM (Particle Characterization and Identification by Microscopy) counts reaching up to 15 and estimated values between 500-25,000; with sizes ranging between 25-250µm per sample.

Till sample statistical analytical highlights for Cu and Au are displayed in Figure 6. Till sample analytical highlights are also presented in Table 4, till statistical highlights area presented in Table 5, and gold grain counts and statistical highlights are presented in Table 6. Sample locations with associated analytical data can be referenced in Appendix IV, with laboratory certificates in Appendix V.

Table 4 – 2024 Till Sample Analytical Highlights

Sample ID	Description	Au (ppb)	Ag (ppm)	Cu (ppm)
ABMPT001	Taken from a forest environment with moderate exposure and mixed consolidation, has a sandy-clay matrix (80%) with a subrounded clast angularity, and was noted to be approximately 10m from the road.	3.4	0.044	24.1
ABMPT002	Taken in a clearcut with compact consolidation, this sample has a clay matrix (90%) with rounded clast angularity, and was described as a poor clay-rich sample from a wet/boggy area along a tree line, containing subangular granite boulders	4.6	**0.158**	78.8
ABMPT003	Collected from a forest with compact consolidation, this sample has a sandy-silt matrix (80%) with subrounded clast angularity, and was considered a good pit with well-defined layers of basal till.	3.5	0.111	35.2
ABMPT004	Taken in a forest with moderate exposure and mixed consolidation, has a sandy-silt matrix (80%) with subrounded clast angularity, and was taken on the other side of a bog, 50m into the tree line.	8.3	0.037	22.3
ABMPT005	Taken from a forest with moderate exposure and mixed consolidation, this sample has a silty-clay matrix (60%) with subangular clast angularity, and was noted to be wet clay, collected via hand sieve.	3.9	0.053	**85.9**
ABMPT006	Taken from a forest with moderate exposure and mixed consolidation, has a silty-clay matrix (80%) with subrounded clast angularity, and was found on a wet hillside at the edge of an ancient cut block.	**9.7**	0.041	54.4
ABMPT007	Collected from a forest with loose consolidation, this sample has a silty-sand matrix (70%) with rounded clast angularity, and was taken from an uprooted tree stump in a very wet area at the edge of a historic cut block.	2.1	0.023	36.7
ABMPT008	Taken in a forest with compact consolidation, has a silty-sand matrix (80%) with subrounded clast angularity, and was considered a great pit and great sample, taken from a hillside.	0.8	0.031	37.6
ABMPT009	Collected in a forest with moderate exposure and mixed consolidation, this sample has a silty-sand matrix (80%) with subrounded clast angularity, and was collected from an uprooted tree in a historic cut block.	2.5	0.039	52.5
ABMPT010	Taken in a forest with moderate exposure and mixed consolidation, has a silty-clay matrix (80%) with subrounded clast angularity, and was taken from an uprooted tree, noted to be clay-rich with some hand-sieved granite boulders.	3.2	**0.131**	**136.5**

ABMPT011	Taken from a forest with moderate exposure and mixed consolidation, this sample has a silty-clay matrix (75%) with rounded clast angularity, and was collected from an uprooted tree, noted to be clay-rich with subangular granite boulders and rounded granite and quartz cobbles and pebbles.	2.1	0.039	38.8
BRMPT001	Taken from a clearcut with moderate exposure and mixed consolidation, has a sandy-clay matrix (80%) with rounded clast angularity, and was considered a good sample, collected after moving due to an old slash pile.	1.2	0.032	18.7
BRMPT002	Located in a clearcut with compact consolidation, this sample has a sandy-clay matrix (75%) with rounded clast angularity, and was deemed a good sample.	7.1	0.046	40.3
BRMPT003	Collected from a clearcut with compact consolidation, this sample has a sandy-clay matrix (80%) with rounded clast angularity, and was considered a good sample despite man-made disturbances.	3.3	0.052	32
BRMPT004	Taken in a clearcut with moderate exposure and mixed consolidation, has a silty-clay matrix (60%) with rounded clast angularity, and was deemed a good sample, located below the road in an old clear-cut	3.1	0.065	48.1
BRMPT005	Taken from a clearcut with moderate exposure and mixed consolidation, this sample has a silty-clay matrix (60%) with rounded clast angularity, and was considered a poor sample from a boggy area with no good alternative site.	3.1	0.025	40.6
BRMPT006	Taken from a forest with moderate exposure and mixed consolidation, has a sandy-clay matrix (75%) with rounded clast angularity, and was deemed an okay sample, hand-sieved due to mud.	2.3	0.037	33.1
BRMPT007	Collected in a forest with moderate exposure, this sample has a sandy-silt matrix (60%) with rounded clast angularity, and was a smaller but good quality sample due to a long hike and poor bush conditions.	3.7	0.045	59.1
BRMPT008	Collected from a forest with moderate exposure and mixed consolidation, this sample has a sandy-silt matrix (60%) with rounded clast angularity, and was a smaller sample due to poor bush, containing clay and requiring hand sieving.	6	0.05	43.9
CCMPT001	Taken in a clearcut, has a silty-clay matrix (80%) with subrounded clast angularity, and was described as rusty clay just up from the road.	4.4	0.037	46.8
CCMPT002	Taken from a clearcut with compact consolidation and cement, this sample has a clay matrix (90%) with rounded clast angularity, and was noted to be close to the road.	1.1	0.049	27.8

CCMPT003	Taken from a forest with moderate exposure and mixed consolidation, has a sandy-silt matrix (80%) with rounded clast angularity, and was collected approximately 10m from the road, noted for clean horizon lines and good quality.	1.5	0.064	37.6
CCMPT004	Collected in a clearcut with moderate exposure and mixed consolidation, this sample has a sandy-silt matrix (80%) with subrounded clast angularity, and was found in a historical clearcut with minimal forest road and many dead trees.	4.2	0.105	36.2
CCMPT005	Taken from a forest with compact consolidation, has a sandy-silt matrix (80%) with subrounded clast angularity, and was collected 20m from the road, noted for good quality.	1	0.087	26.3
CCMPT006	Taken from a forest with compact consolidation, has a silty-clay matrix (75%) with subrounded clast angularity, and was found in a very wet area, requiring two pits to be dug.	3.2	0.039	47.6
CCMPT007	Taken from a forest with compact consolidation and cement, this sample has a silty-clay matrix (65%) with rounded clast angularity, and was considered a good pit with some angular granite observed.	3.3	0.04	32.8
CCMPT008	Collected in a forest with moderate exposure and mixed consolidation, has a sandy-silt matrix (80%) with subrounded clast angularity, and was collected 10m from the creek on a slope edge with well-developed layers.	3.8	0.106	57.3
CCMPT009	Taken in a clearcut with moderate exposure and mixed consolidation, this sample has a sandy-silt matrix (70%) with subrounded clast angularity, and was found in an old cutblock with well-defined horizons, increasing in clay, rocks, and compaction with depth.	1.8	0.063	37
CCMPT010	Taken from a forest with moderate exposure and mixed consolidation, has a silty-clay matrix (90%) with subrounded clast angularity, and was found in a wet area along a swamp edge, described as a C-horizon/till with no well-defined layers below.	2.9	0.045	32.8
LMMPT001	Taken in a forest with compact consolidation, has a sandy-silt matrix (50%) with subrounded clast angularity, and was noted for well-defined layers in a pit next to a minor road.	4.1	0.044	23.6
LMMPT002	Taken from a forest with compact consolidation, this sample has a sand-fine matrix (80%) with subrounded clast angularity, and was found next to the road in a forest, described as homogenous mixed till.	1.4	0.074	55.3
LMMPT003	Taken from a forest with moderate exposure and mixed consolidation, has a sand-medium matrix (90%) with subrounded clast angularity, and was collected along a major road in an old-growth forest on a steep hillside.	1.7	0.049	39.6

LMMPT004	Collected in a forest with moderate exposure and mixed consolidation, this sample has a sandy-silt matrix (70%) with subrounded clast angularity, and was found next to the road in a forest, noted for well-developed till with patches of clay.	**24.9**	0.084	36.6
LMMPT005	Taken from a clearcut with moderate exposure and mixed consolidation, has a sandy-clay matrix (75%) with subrounded clast angularity, and was found in a clearcut regrowth area, noted for mixed horizons and compaction.	1.2	**0.138**	47.1
LMMPT006	Taken from a forest with moderate exposure and mixed consolidation, has a silty-clay matrix (80%) with rounded clast angularity, and was collected from very wet pits, requiring hand sieving of very waterlogged samples.	3	0.084	44.5
LMMPT007	Collected at the base of a slope with moderate exposure and mixed consolidation, this sample has a sand-medium matrix (70%) with subrounded clast angularity, and was found in a tree well, noted for well-defined horizons, sand, and rocks.	2.4	0.043	57.2
LMMPT008	Taken from a forest with moderate exposure and mixed consolidation, has a sandy-clay matrix (75%) with subrounded clast angularity, and was found in a clearcut with regrowth, described as having mixed horizons and compaction, with hand sieving done in very wet pits for very waterlogged samples.	1.9	0.072	30
LMMPT009	Taken from a clearcut with moderate exposure and mixed consolidation, has a sandy-silt matrix (60%) with subrounded clast angularity, and was found in a very old clear-cut with well-defined layers and compact soil with depth.	0.5	**0.162**	42

**Bolded values denote anomalous values*

Table 5 – 2024 Till Sample Statistical Highlights

	Copper (ppm)	**Gold (ppb)**
Count (n)	38	38
Mean	44.1	3.7
Median	39.2	3.1
Max	136.5	24.9
Min	18.7	0.5
50th Percentile	39.2	3.1
75th Percentile	48.0	3.9
90th Percentile	57.8	6.3
95th Percentile	79.9	8.5
98th Percentile	99.1	13.7

Table 6 – 2024 ODM Till Sample Visible Gold Grain Counts and Statistical Highlights

Sample ID	Total	Reshaped	Modified	Pristine	Pristine/Total
ABMPT001	5	1	3	1	0.20
ABMPT002	2	2	0	0	0.00
ABMPT003	10	8	2	0	0.00
ABMPT004	2	2	0	0	0.00
ABMPT005	3	2	0	1	0.33
ABMPT006	7	6	0	1	0.14
ABMPT007	8	5	0	3	0.38
ABMPT008	6	3	3	0	0.00
ABMPT009	2	1	1	0	0.00
ABMPT010	6	5	1	0	0.00
ABMPT011	6	5	0	1	0.17
BRMPT001	6	6	0	0	0.00
BRMPT002	8	6	2	0	0.00
BRMPT003	2	2	0	0	0.00
BRMPT004	42	28	7	7	0.17
BRMPT005	7	3	2	2	0.29
BRMPT006	5	1	4	0	0.00
BRMPT007	14	9	2	3	0.21
BRMPT008	3	3	0	0	0.00
CCMPT001	6	4	2	0	0.00
CCMPT002	7	5	2	0	0.00
CCMPT003	6	3	3	0	0.00
CCMPT004	2	2	0	0	0.00
CCMPT005	6	3	2	1	0.17
CCMPT006	8	5	2	1	0.13
CCMPT007	15	10	4	1	0.07
CCMPT008	89	54	20	15	0.17
CCMPT009	32	28	2	2	0.06
CCMPT010	24	22	2	0	0.00
LMMPT001	30	23	5	2	0.07
LMMPT002	6	4	2	0	0.00
LMMPT003	9	7	2	0	0.00
LMMPT004	7	7	0	0	0.00
LMMPT005	6	3	3	0	0.00
LMMPT006	9	7	2	0	0.00
LMMPT007	21	16	4	1	0.05
LMMPT008	32	28	4	0	0.00
LMMPT009	28	23	5	0	0.00

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Fig 6. 2024 Rock and Till Sample Statistical Analytical Highlights Map (Cu and Au)

Mount Polley West Project
NAD83 Zone 10N
1 : 55000

N

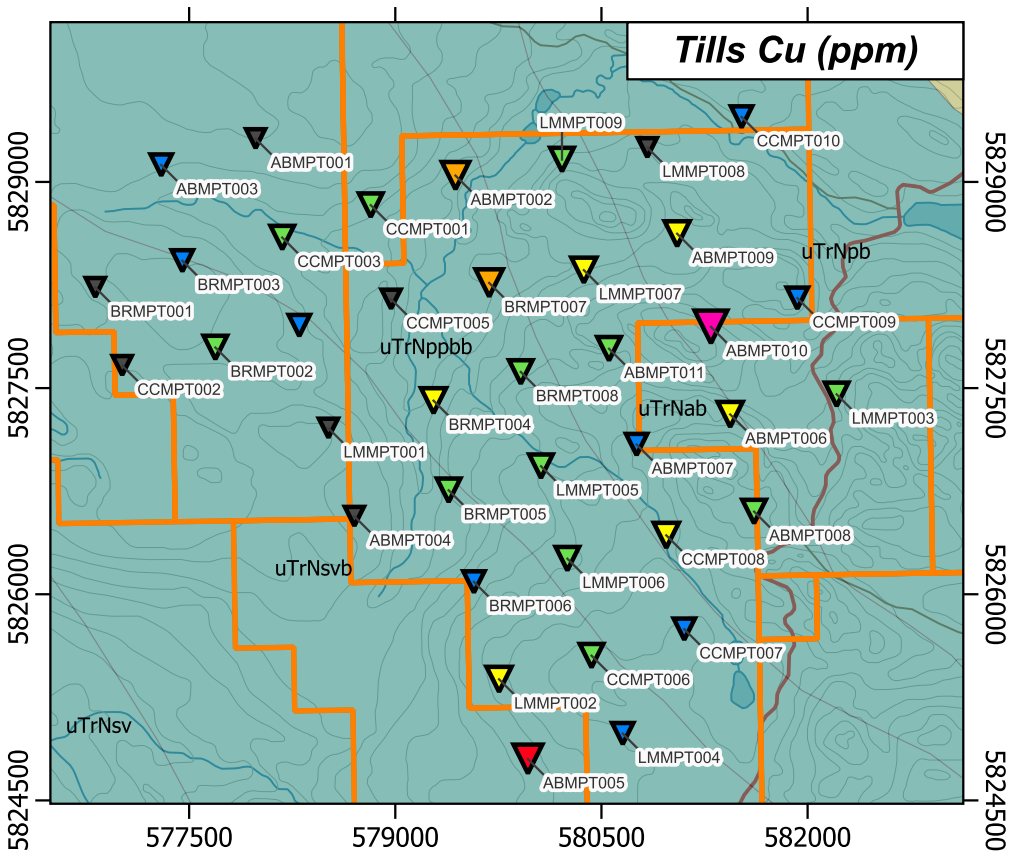
0 250 500 750 m

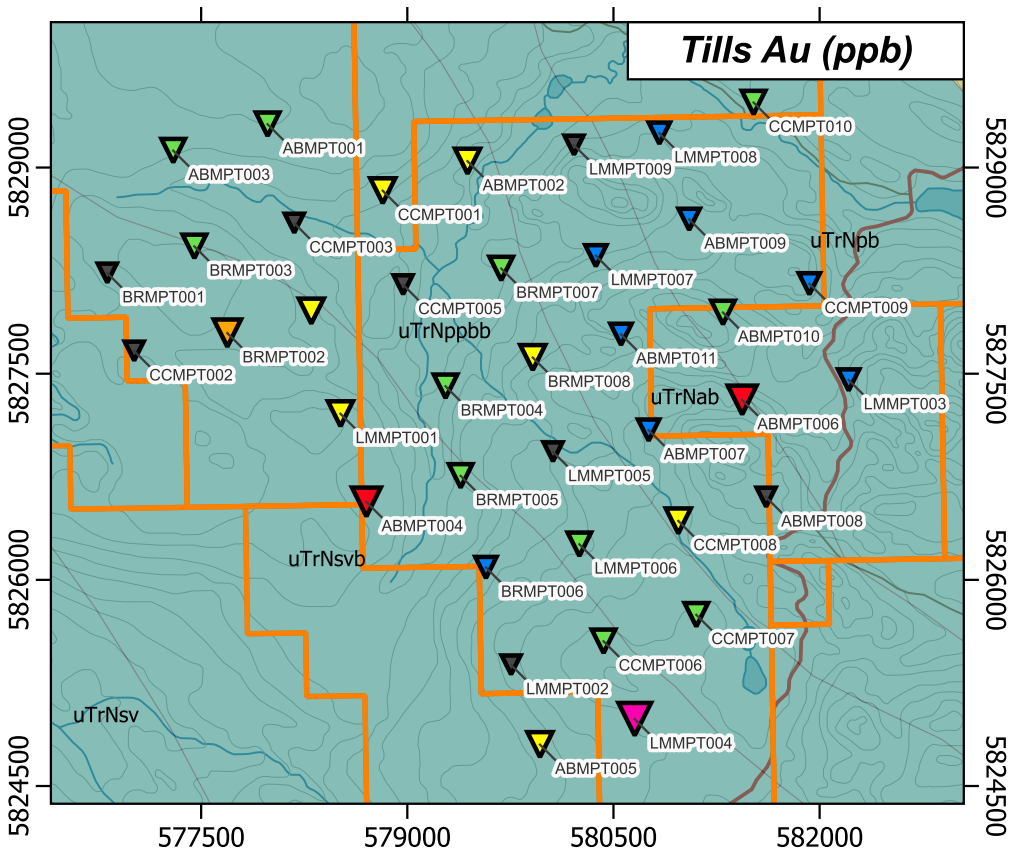
Legend

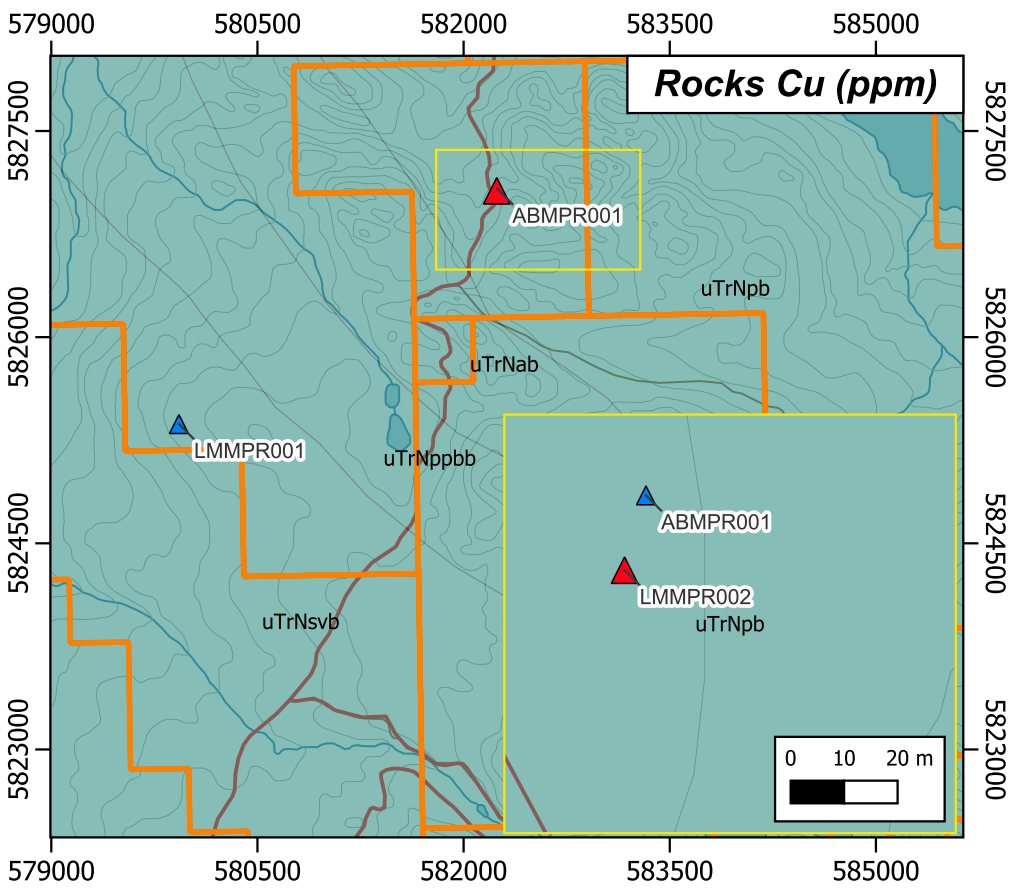
- Mt. Polley West Tenure
- Main Road
- Logging Road
- Contour Lines
- River
- Lake

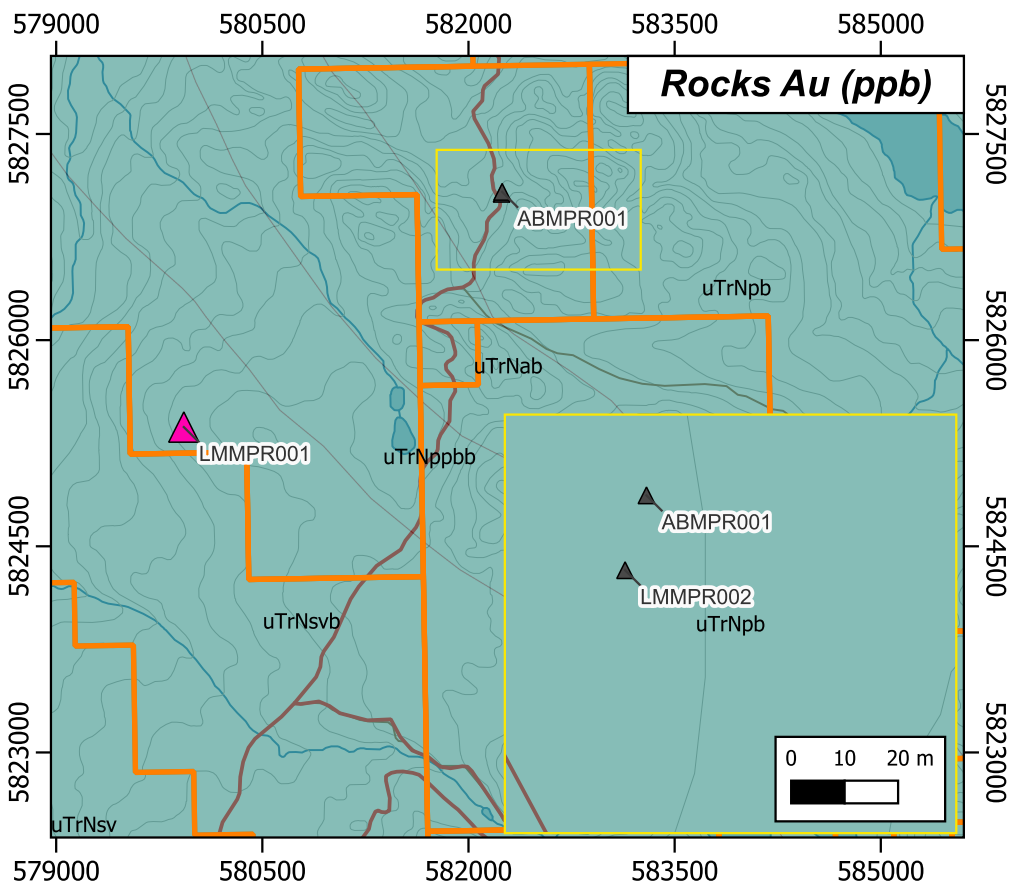
Lithology (Based on Digital Geology Map by BCGS, 2017)

- *lJst* — argillite, greywacke, wacke, conglomerate turbidites
- *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









Tills

- < 31 (Cu) < 1.6 (Au)
- 31 - 37.6 (Cu) 1.6 - 2.9 (Au)
- 37.6 - 47.85 (Cu) 2.9 - 3.75 (Au)
- 47.85 - 58.02 (Cu) 3.75 - 6.44 (Au)
- 58.02 - 81.32 (Cu) 6.44 - 8.09 (Au)
- 81.32 - 89.95 (Cu) 8.09 - 10.91 (Au)
- > 89.95 (Cu) > 10.91 (Au)
- Unclassified

Rocks

- < 47.9 (Cu) < 5 (Au)
- 47.9 - 108 (Cu) 5 - 7 (Au)
- 108 - 271 (Cu) 7 - 9 (Au)
- 271 - 1005 (Cu) 9 - 11 (Au)
- 1005 - 1450 (Cu) 11 - 16 (Au)
- 1450 - 1537 (Cu) 16 - 58.6 (Au)
- > 1537 (Cu) > 58.6 (Au)
- Unclassified

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Fig 7. 2024 ODM Till Sample Results Map (Visible GG)

Mount Polley West Project
NAD83 Zone 10N
1 : 225,000

N

5,1,3,1 ABMPT001
10,0,2,8 ABMPT003
2,0,0,2 ABMPT002
6,0,2,4 CCMPT001
6,0,3,3 CCMPT003
2,0,0,2 BRMPT003
6,0,0,6 BRMPT001
6,1,2,3 CCMPT005
2,0,0,2 CCMPT004
8,0,2,6 BRMPT002
7,0,2,5 CCMPT002
42,7,7,28 BRMPT004
30,2,5,23 LMMPT001
2,0,0,2 ABMPT004
7,2,2,3 BRMPT005
5,0,4,1 BRMPT006
24,0,2,22 CCMPT010
32,0,4,28 LMMPT008
28,0,5,23 LMMPT009
2,0,1,1 ABMPT009
21,1,4,16 LMMPT007
14,3,2,9 BRMPT007
32,2,2,28 CCMPT009
6,0,1,5 ABMPT010
6,1,0,5 ABMPT011
3,0,0,3 BRMPT008
9,0,2,7
7,1,0,6 ABMPT006
8,3,0,5 ABMPT007
6,0,3,3 LMMPT005
6,0,3,3 ABMPT008
89,15,20,54 CCMPT008
9,0,2,7 LMMPT006
15,1,4,10 CCMPT007
8,1,2,5 CCMPT006
6,0,2,4 LMMPT002
7,0,0,7 LMMPT004
3,1,0,2 ABMPT005

uTrNpb
uTrNppbb
uTrNsvb
uTrNsv
TJsy
lJst

Generalized Ice Flow Direction

0 1 2 km

Legend

- Mt. Polley West Tenure
- Main Road
- Logging Road
- Contour Lines
- River
- Lake
- K/Th Radiometrics 1993
- Total Magnetic High 2022

Total, Pr, Mo, Re

Sample ID

- Reshaped (Re)
- Modified (Mo)
- Pristine (Pr)

Lithology

(Digital Geology Map by BCGS, 2017)

lJst	argillite, greywacke, wacke, conglomerate turbidites
TJsy	syenitic to monzonitic intrusive rocks
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

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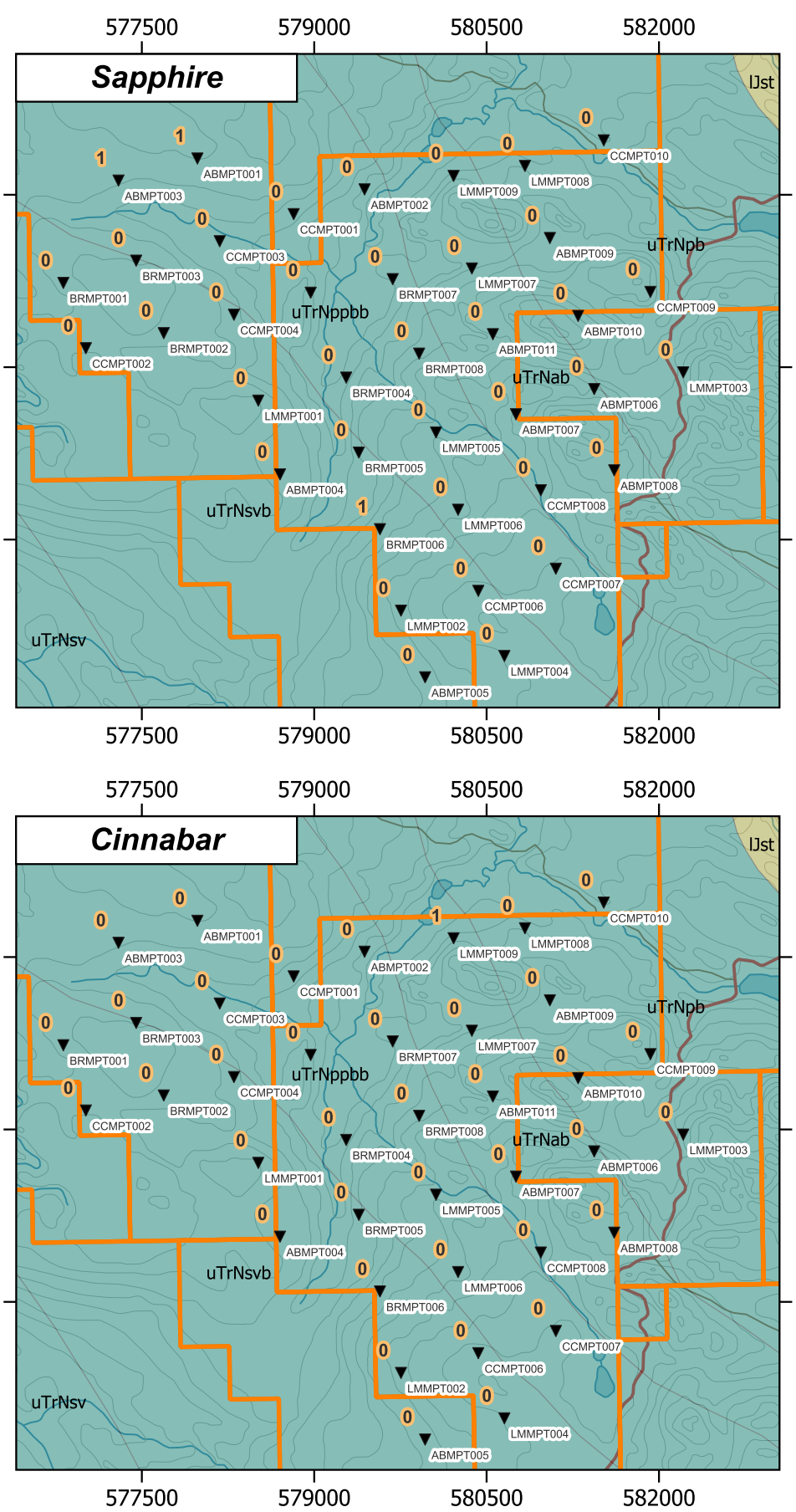
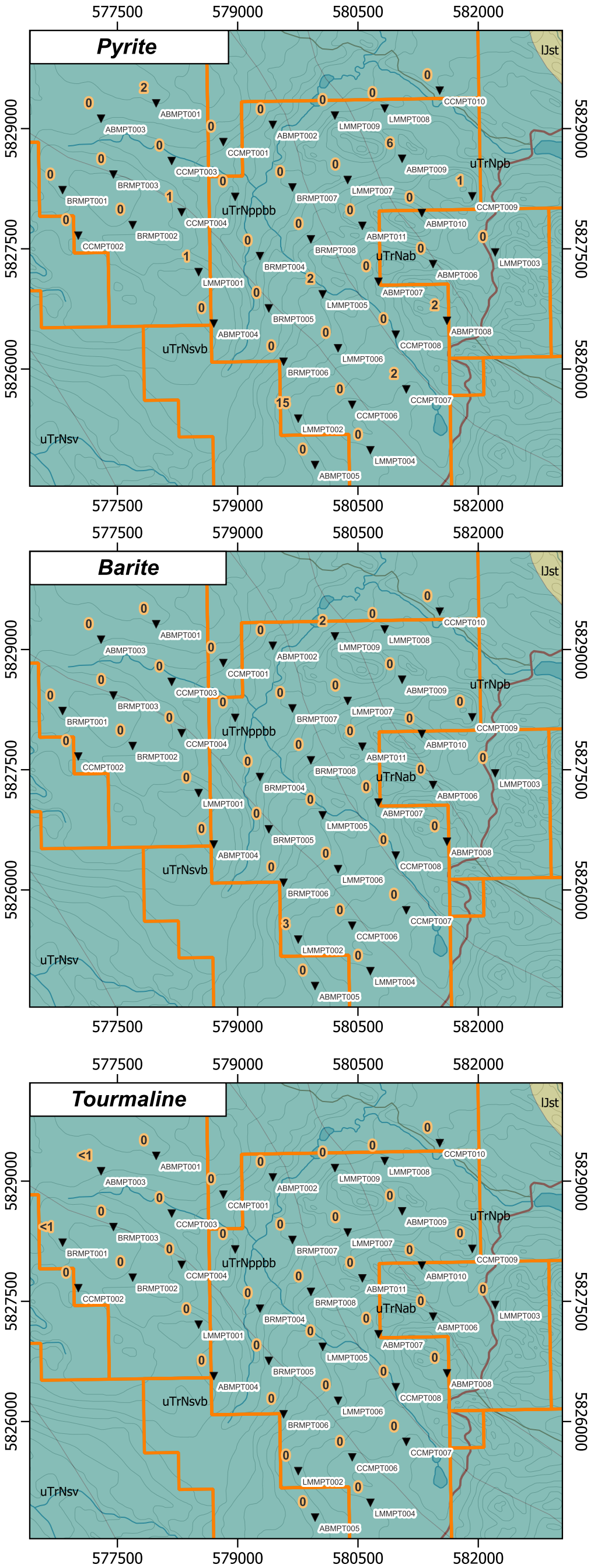
Fig 8a. 2024 Till Sample Indicator Mineral Results Map

Mount Polley West Project
NAD83 Zone 10N
1 : 55,000

N

0 0.5 1 km





Legend

- Mt. Polley West Tenure
- Main Road
- Logging Road
- Contour Lines
- River
- Lake

Mineral Count (gr)

Till Sample ID

Lithology

(Digital Geology Map by BCGS, 2017)

lJst	argillite, greywacke, wacke, conglomerate turbidites
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

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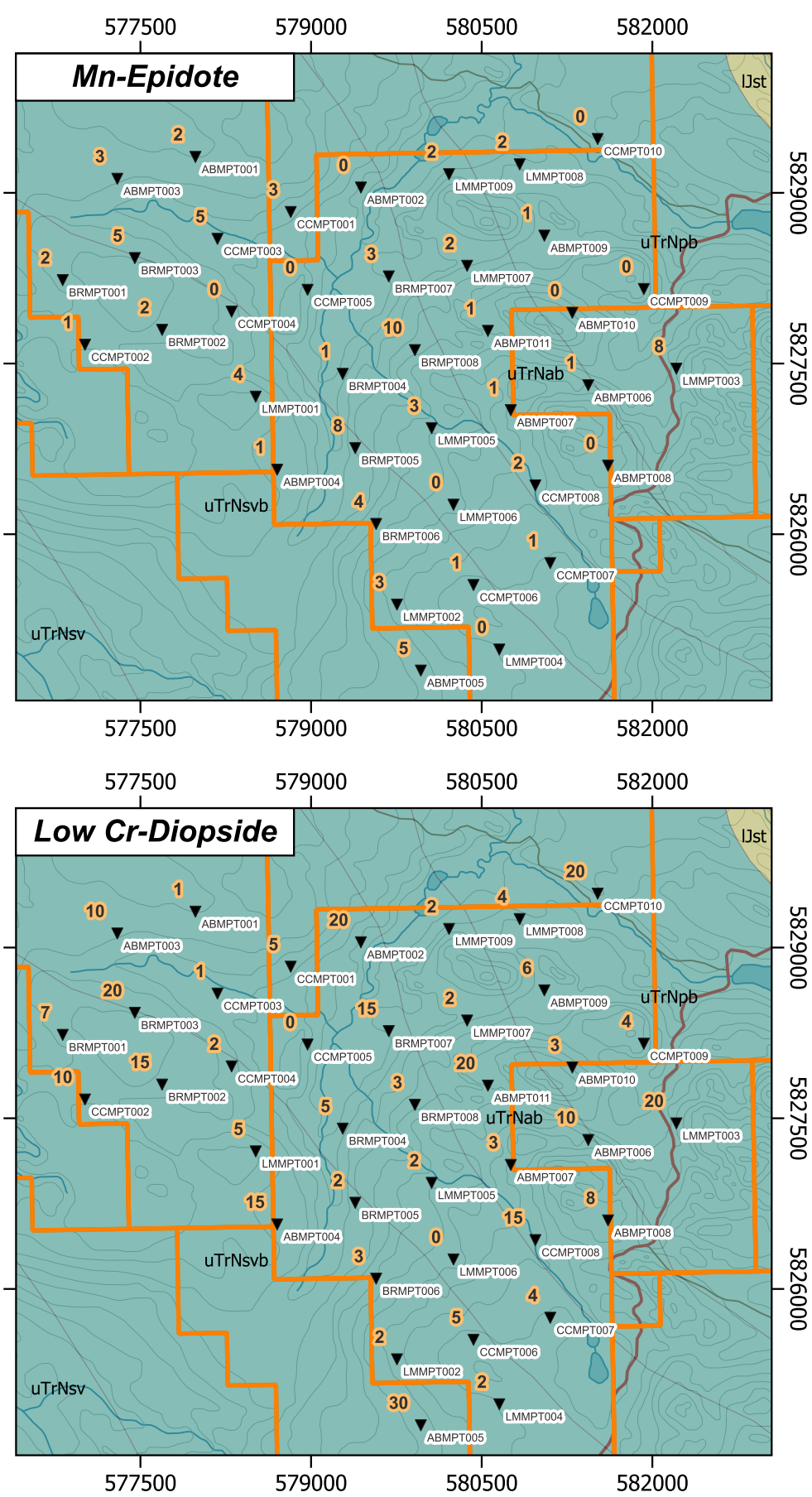
Fig 8b. 2024 Till Sample Indicator Mineral Results Map

Mount Polley West Project
NAD83 Zone 10N
1 : 55,000

N

0 0.5 1 km



Legend

- Mt. Polley West Tenure
- Main Road
- Logging Road
- Contour Lines
- River
- Lake

Mineral Count (gr)

Till Sample ID

Lithology (Digital Geology Map by BCGS, 2017)

lJst	argillite, greywacke, wacke, conglomerate turbidites
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

2024 Rock Sampling Results

Rock sample locations for 2024 exploration program were collected from outcrops encountered along the access routes utilized during the till sampling and exploration program. A total of 3 rock samples were collected in the sampling area which were subsequently sent to ALS laboratories for geochemical analysis.

A single rock sample, LMMPR001 was taken from the south-western portion of the till grid (Figure 5b). This sample was collected from a historic trench/gravel pit approximately 50 m in size. The rock sample was comprised of greenish-grey fine grained monzonite cross cut by quartz veinlets 0.5-2.5 cm in size. This sample returned anomalous Au (87 ppb) and weakly anomalous Cu (52.3 ppm) (Table 7).

Two of the rock samples, LMMPR002 and ABMPR001, were taken from a single roadside outcrop (Figure 5b). The outcrop was comprised of silica-hematite altered metasediments cross-cut by calcite-quartz veinlets. LMMPR002 displayed 2.0% azurite and 1.0% malachite on fracture surfaces, and returned the most anomalous results from the 2024 program including Cu (1450 ppm). ABMPR001, representatively sampled the calcite-quartz veinlets and returned weakly anomalous Cu (62.9 ppm) (Table 7).

Rock sample statistical analytical highlights for Cu and Au are displayed in Figure 6. Rock sample analytical highlights are also presented in Table 7. Sample locations with associated analytical data are in Appendix IV, and laboratory certificates in Appendix V.

Table 7 – 2024 Rock Sample Analytical Highlights

Sample ID	Description	Au (ppb)	Ag (ppm)	Cu (ppm)
ABMPR001	grey fined grain meta sediments/wacke, visible beds, with quartz calcite veins cross cutting the unit with azurite and malachite on frac surfaces (also sampled) joint/bed set 344/048. vein orientation 278/078	2.5	0.03	62.9
LMMPR001	white to greenish-grey fine-grained monzonite/tonalite quartz veinlets cross cutting unit approximately 0.5-2.5cm, weak propylitic alteration	87	0.1	52.3
LMMPR002	fine grained grey silica hematite altered metasediments cross cut by calcite quartz veins. 2.0% azurite, 1.0% malachite on fracture surfaces.	2.5	0.45	1450

DISCUSSION

The Mount Polley West project area has been a focus of exploration since 1961. To date, historical work on the Mount Polley West claims has shown that geochemical soil anomalies, most notably Cu-in-soil, are “erratic”, consisting of random highs with no discernable patterns. The B.C. Geological Survey surficial geology maps (e.g. Geoscience Map 2015-02) infer the Property is underlain by thick quaternary glacial sediments, which is a valid explanation of why soil geochemistry is not a good exploration method for this area (McNeil, 2023).

The 2024 prospecting and till sampling program on the property attempted to understand the extent of Cu and Au potential in the area and assess the potential discovery of a Porphyry-Cu deposit in the area. Priority sampling targeted areas up-ice of historic mineral occurrences and anomalous 2023 till samples. A total of 6 geostations, 3 rock samples and 38 till samples were collected over the course of 6 days between June 24th- July 1st, 2024.

Analytical results revealed promising potential for the property to host significant Cu-Au mineralization. Till samples returned values ranging up to 136.5 ppm Cu (ABMPT010) and up to 24.9 ppb Au (LMMPT004); while rock samples returned values up to 1450 ppm Cu (LMMPR002) and 87 ppb Au (LMMPR001). Overall, both till and rock samples returned low values for Ag content (<0.2 ppm), however a clear correlation is seen between the anomalous and higher Cu values and the higher Ag values.

Till sampling is a geochemical tool to identify any evidence of mineralization in areas where there is substantial amount glacial overburden. Till sampling results can be utilized to better understand and infer information related to deposits underneath the overburden. During till deposition, glaciers scrape across the bedrock, liberating gold grains, indicator minerals and zircons all of which are associated with Au-Cu deposits. The gold grains become suspended in the basal till that is left behind when the glacial ice melts; thus, forming a gold grain dispersal train, leading away from the south of the direction of the glacial ice (McNeil, 2023).

Of the 38 till samples collected, 11 returned count values >10 gold grains (GG), with one anomalous sample (CCMPT008) returning a count of 89 including 15 pristine grains. The gold grains in the till samples are described as pristine, modified, and re-shaped, depending on the overall appearance of the grains. Overall, results indicate a generalized ice flow direction to the north-west along the property (Figure 7) The ratio of pristine gold grains compared to the total collected in each sample was calculated as a percentage. Anomalous sample CCMPT008 yielded a ratio value of 17%, however, three of the 11 samples returning values >25% pristine; AMPT005 (33%), ABMPT008 (38%) and BBRMPT005 (29%) (Figure 7, Table 6). Additionally, these results show an apparent trend in a north-east direction, along the river network/tributary bisecting the main till grid. These natural cutbanks were utilized to sample to a deeper depth/horizon of the basal till to allow a more representative sample of the underlaying bedrock (CCMPT008). Subglacial drainage pathways are complex, but will often follow pre-existing weaknesses in the bedrock below, which can include river valleys. Glaciers will exploit these pathways depositing meltwater, influencing the composition of the basal till (Cohen *et al*., 2023). The perpendicular nature of the anomalous samples (NE) to the apparent ice flow direction (NW), indicate that subglacial processes may be remobilizing or exploiting the Au on the property. Additional sampling and subsurface glacial till mapping is recommended for indicators of change in flow direction.

When the 2024 Gold grain analyses results were compared to magnetic high anomalies reported from a 2022 geophysical survey completed by Dahrouge Geological Consulting Ltd.; and the K/Th radiometrics, outlined from a 1993 geophysical survey completed by A. Kikauka and P. Matson (Downie *et al.*, 2022 and Kikauka, 1994). There appears to be a correlation between anomalous gold grain values and the margins of the historical survey data (Figure 7).

In addition to gold counts, ODM also performed an indicator mineral analysis on the submitted till samples. The following indicator minerals were recovered in minor-trace amounts: pyrite (ABMPT001, ABMPT008, ABMPT009), sapphire (ABMPT001, ABMPT003, BRMPT006), barite, cinnabar (LMMPT009), Tourmaline (BRMPT001 and ABMPT003), Chromite, Mn-epidote, red rutile and Augite-hematite/diopside and Augite-almandine/diopside. Zircons were also present in all but four samples, with PCIM (Particle Characterization and Identification by Microscopy) counts ranging from 1 to 15 and estimated counts between 500-25,000; with sizes ranging between 25-250µm per sample. High zircon counts can be indicative of a significant magmatic or intrusive body proximal in the bedrock; and the characteristics of the zircons can be used to interpret information about the magmatic processes that formed the bedrock; for example, the composition, morphology, texture and age (Pizarro *et al.*, 2020). Further zircon analysis is recommended to determine the chemical signature and fertility of the magmatic and intrusive bodies proximally present, and better understand the bedrock.

Indicator minerals found in till samples can also be a useful tool in understanding the bedrock that was below the glacier. Indicator minerals for Porphyry Cu-Au-Mo deposits are as follows: Ag, As, Au, Ba, Cu, Mo, Pb, S, Sb, Zn, Al2O3, K2O (McClenaghan, *et al,* 2023). These minerals are present in different alteration signatures characteristic of porphyry systems, an important factor when vectoring copper porphyry deposits. Hydrothermal alteration patterns have a much larger footprint then the mineralization, making the interpretation of alteration assemblages one of the more useful exploration tools (Halley, 2020 and Halley, 2015). The two major ore contributing alteration assemblages are the potassic and phyllic zones. Rutile, which is present in 34 of the till samples, commonly occurs in potassic and phyllic alteration zones as a product of biotite, ilmenite, titanomagnetite, titanite and amphibole (Bouzari, 2016). The red colour noted in the rutile is due to the high copper and chromium content, and proximity to the mineralized center of a larger Cu zone. Geochemical analysis performed by ALS indicated that there was anomalous V, Sb and W in some of the samples, which could indicate that the rutile present in these samples is from an Au-rich zone. Some of the other rutile-rich samples are higher in concentrations of Cr, Nb, and Ta, which could indicate they are associated with higher Cu grade portions of the porphyry. The size of the rutile grains could indicate the proximity to the zone, but this data was not recorded by ODM. The samples which returned the highest rutile values could indicate the bedrock hosts one or both of these assemblages, and even more so if continued to compare with other indictors. For example, of the 34 samples, ABMPT003 and BRMPT002 returned trace values for Tourmaline (Tm), another mineral often hosted in the potassic and phyllic alteration zones. Similarly, Mn-Epidote was present in 28 of the till samples from the 2024 season. It is also a major constituent of the propylitic (Epidote-Chlorite-Albite) alteration assemblage, which halos every major Porphyry-Cu deposit type (Halley, 2020 and Halley, 2015). Samples which returned higher Mn-Epidote values and lower rutile values could be interpreted as representing this zone. For example, samples BRMPT005, BRMPT008 and LMMPT003. Mn-epidote can also closely mimic the distribution of garnets in till samples, and can reflect the proximity to skarns associated with porphyry deposits (Kelley, *et al.* 2011).

Anomalous rock sample LMMPR002 (1450 ppm Cu), collected from an outcrop described as silica-hematite altered metasediments located only 1.2 km NW from anomalous till sample ABMPT010 (136.5 ppm Cu); and only 0.8 km SW of anomalous till sample ABMPT006 (9.7 ppb Au). Similarly, anomalous rock sample LMMPR001(52.3 ppm Au), collected from a historic trench or gravel pit

located only 0.8 km SE from anomalous till sample LMMPT004 (24.9 ppb Au); and only 0.6 km S from anomalous till sample ABMPT005 (85.9 ppm Cu). Rock samples from both the identified intrusive outcrop and the metasedimentary outcrop showed notable mineralization, indicating that there are multiple potential sources for mineralization on the property which remain significantly under sampled. Outcropping on the property is sparse, but where encountered, samples return promising results; further mapping and additional sampling is recommended.

CONCLUSIONS & RECOMMENDATIONS

The Mount Polley West property has the potential to host significant volcanic and porphyry hosted Cu-Au mineralization. Anomalies outlined during the 2024 program, in conjunction with the historical Au and Cu occurrences identified on the Property and the presence of the Mount Polley Mine and the Gibraltar Mine to the east and west respectively, all indicates the great potential for a mineralized Cu-Au system on the 100% Eagle Plains Resources owned Mount Polley West Property.

Recommendations for future work are as follows:

- Follow up significant mineralization, lithologies and veining identified at 2024 geostations and rock sample locations outlined in Figures 5a and 5b, specifically LMMPR002, where mineralization included visible malachite and azurite.
- Additional till sampling in the up-ice direction proximal to the known mineral occurrences along the margins of the historical anomalies, in areas where a layer of the basal till can be accessed. Stream sediment sampling may also be warranted along the creek bisecting the main grid.
- Similarly, additional infill till sampling at approximately 100 - 350 m spacing, off-set from the 2024 locations where high gold grain counts were returned
- Indicator mineral analysis indicates the area is prospective for Porphyry-Cu mineralization, Additional indicator mineral analysis, specifically rutile grain and zircon analysis are needed to too better understand the till geochemistry.
- Outcropping on the property is sparse, but where encountered, samples return promising results in both the intrusives and metasedimentary outcrops; further mapping and additional whole sampling is recommended to get a better litho-geochemical signature of the intrusives outcrops.

References

Addie, L. (2005). *Prospecting Report on the Jacobie Mineral Claim*. Cariboo Mining Division. (File No. 27752)

Arnold, R. W. (1985a). *Geological, Geochemical and Geophysical Report on the LL #1-14 Mineral Claims, Quesnel Lake Area, B.C.*. Cariboo Mining Division. (File No. 14401b)

Arnold, R. W. (1985b). *Reverse Circulation Drill Report on the LL #1-14 Mineral Claims, Quesnel Lake Area, B.C.*. Cariboo Mining Division. (File No. 14401a)

Bailey, D.G. (1990). *Geology of the Central Quesnel Belt, B.C.*, Open file (B.C. Geological Survey Branch):1990-31

Bailey, D. G. (2005). *Assessment Report: Geological Exploration Morehead Project Mineral Tenure Numbers 415560, 62, 63, 67, 68, 71, 508082, 85, 90, 91, 92, 94, 95, 96, 512135, 36, 38, 39, 40, 41, 517316, 24*. Cariboo Mining Division. (File No. 2800)

Bouzari, F., *et al.* (2011). *Porphyry Indicator Minerals (PIMS): A New Tool for Concealed Deposits in South-Central B.C.* (Geoscience BC Report 2011-17). Mineral Deposit Research Unit.

Bridge, D. (2018). *Geological Report on the J Property, 150 Mile House Area*. Cariboo Mining Division. (File No. 37266)

Bridge, D. (2019). *Geological and Geophysical Report on the J Property, 150 Mile House Area*. Cariboo Mining Division. (File No. 37963)

Brown, R., et al. (2016). *Mount Polley Mine 2016 Technical Report*. Imperial Metals Corporation.

Burdett, J. (1991). *Prospecting Report on the JC 3, 4 and 6 Mineral Claims*. Cariboo Mining Division. (File No. 21516)

Bysouth, G. D. (1983). *Geochemical Soil Survey Report on the Bear Claim Group*. Cariboo Mining Division. (File No. 11349)

Bysouth, G. D. (1984). *Geochemical Soil Survey Report on the Bear Claim Group*. Cariboo Mining Division. (File No. 12596)

Campbell, J. I. (1972). *Reconnaissance of B Property*. Cariboo District. (File No. 04683)

Campbell, N. (1972). *'B' Property*. Cariboo Mining District, B.C. (File No. 04683)

Clarke, H. (2013). *Assessment Report including Geochemical Soil Sampling on the Mt Polley Claim*. Cariboo Mining Division. (File No. 34571)

Cochrane, D. R. (1967). *Interim Report on Geophysical and Geological Examination on the Lime Cap and Copper Ridge Claims Situated 34 Air Miles North of 150 Mile House*. Quesnel Lake District, Cariboo M.D. (File No. 01097)

Cohen. D. Et al., (2023). *Subglacial hydrology from high-resolution ice-flow simulations of the Rhine Glacier during the Last Glacial Maximum: a proxy for glacial erosion.* E&G Quarternary Sci. J., 72, 189-201

Crane, J. F. (1984). *Geological, Geochemical and Geophysical Report on the ACBC 1, 2 and 3 Claims*. Cariboo Mining Division. (File No. 12903)

Devine, F. A. M., et al. (2016). *Porphyry Districts of British Columbia Atlas Series, Mount Polley, A Geo-Exploration Atlas of the Mount Polley Porphyry Cu-Au District*. (Geoscience BC2016-10). Imperial Metals Corporation.

Downie, D., & Schmidt, N. (2022). *2022 Airborne Geophysical Survey of the ML Property, near Williams Lake, B.C.*. Dahrouge Geological Consulting Ltd. (File No. 40295)

Finney, W. A. (1968). *A Geophysical Report on an Induced Polarization (I.P.) Survey of the Moorehead and Limcap Claim Groups, Moorehead Lake, NR. Likely, B.C.*. Milestone Mines Ltd. (File No. 01644)

Forand, L., & Hassell, D. W. (1984). *1984 Summer Exploration Program for Rick, Goldmaster and Impasse Claims, Jacobie Lake Area*. Asamera Inc. (File No. 13430a)

Fox, P. E. (2011a). *Assessment Report: Geological and Geochemical Report, Jacobie Lake Prospect*. Eagle Peak Resources Inc. (File No. 32283)

Fox, P. E. (2011b). *Assessment Report: Geological and Geochemical Report, QR South Prospect*. Eagle Peak Resources Inc. (File No. 32393)

Fox, P. E. (2013). *Assessment Report: Diamond Drill Report, Jacobie Lake Copper Prospect*. Eagle Peak Resources. (File No. 34223)

Gust, N. (2023). *Geophysical Report, Tenure #'s 1099762, 1099763, 591198*. West Coast Placer. (File No. 42134)

Halley, S. (2015). *Footprints: Hydrothermal Alteration and Geochemical Dispersion Around Porphyry Copper Deposits.* Society of Economic Geologists Newsletter

Halley, S. (2020). *Mapping Magmatic and Hydrothermal Processes from Routine Exploration Geochemical Analyses.* Society of Economic Geology. 4722 (15 – 30)

Hodgson, A. G. (1967). *Geochemical Report, Lar and Chuck Groups of Mineral Claims - Morehead Lake, Quesnel Lake Area*. Mollusca Oils Ltd. (File No. 00924)

Johnson, T. R. (2006). *2005 Geochemical Assessment Report on the Dalia Claim*. Caribou Mining Division. (File No. 28339)

Kelley, K.D. et al., (2011). *Porphyry Cu indicator minerals in till as an exploration tool: example from the giant Pebble porphyry Cu-Au-Mo deposit, Alaska, USA.* Geochemistry: Exploration, Environment, Analysis, vol 11, pp. 321-334

Kikauka, A. (1999). *Geological and Geophysical Report on the J 1-4 Claim Group, Jacobie Lake, Likely, B.C.*. (File No. 25960)

Kikauka, A., & Bombois, M. (1997). *Geophysical Report on the JC 1 Claim, Jacobie Lake, Likely, B.C.*. Cariboo Mining Division. (File No. 25261)

Kikauka, A., Kikauka, A., & Matson, P. (1994). *Geological and Geophysical Report on the JC 1 Claim, Jacobie Lake, Likely, BC*. (File No. 23549)

Kulla, G. (2001). *Geological and Geochemical Report on the Morehead Property

McClenaghan M.B. et al., (2023). *Review of till geochemicstry and indicator mineral methods for mineral exploration in glaciated terrain*. Geochemistry: Exploration, Environment, Analysis. J., v23.

McNeil, N. (2023). *2023 Geochemistry Assessment Report at the Mount Polley West Property, Williams Lake Area, B.C., Caribou Mining District*

Montgomery, A. (1990). *1990 Assessment Report on a Prospecting and Geological Work Program, JC 1 & 2 Mineral Claims, Cariboo Mining Division* (File No. 20792)

Montgomery, A; Todoruk, S and Darney, R (1991). *1991 Geological and Geochemical Assessment Report on the Bud 1-9 and JC 8 & 9 Mineral Claims, Cariboo Mining Division* (File No. 21584)

Morely, E. (2022). *Mt. Polley West Property (Continuous Claims), Volume I: Assessment Report 2022 Geochemical and Geological Program, Claim 1092885, Cariboo Mining Division* (File No. 41123)

Morely, E. (2022). *Mt. Polley West Property (Continuous Claims), Volume I: Assessment Report 2022 Geochemical and Geological Program, Claims: 1091465, 1091528, 1091544, 1091584, 1091612, 1091690 and 1094477, Cariboo Mining Division* (File No. 41121)

Pizarro, H. *et al*. (2020). *Porphyry Indicator Zircons (PIZs): Application to Exploration of Porphyry Copper Deposits.* Ore Geology Reviews, Volume 126.

Rockel, E.R. (1984). *Field Report on Geophysical Surveys Within the Little Lake Project Area, Caribou Mining Division* (File No. 13063)

Samson, H.R. (2011). *Assessment Report including Prospecting on the Mt. Polley 1 Claims, Cariboo Mining Division* (File No. 32706)

Seaton, J.B. (1966). *Geophysical and Geochemical Report, Liz Group, Cariboo Mining Division.* (File No. 00871)

Selmeer, C.B. (1966). *Geophysical Report: Induced Polarization Method, Copperridge & Limecap Morehead Claim Groups*. (File No. 00815)

Seraphim, R.H. (1984). *Geological and Geochemical Report on the Pearl and Golden Pearl Claims, Quesnel Lake Area, Cariboo Mining Division* (File No. 12692)

Schatten, M. (1993). *Assessment Report on the Bud Property 1992 Geochemical & Drill Program, Cariboo Mining Division* (File No. 22897)

Simpson, R.G. (1984). *Geological Mapping and Geochemical Survey Report on the Jacobie Mineral Claim, Cariboo Mining Division* (File No. 12589)

Struik, L. C. (1983). *Geology, Quesnel lake and part of Mitchell lake, central British Columbia, map and notes. Geological Survey of Canada*, Open File, 962.

Tennant, S.J. (1996). *1996 Geochemical Assessment Report on the BV 4-9 Mineral Claims, Cariboo Mining Division* (File No. 24566)

Tennant, S.J. (1997). *1997 Geochemical Assessment Report on the Calm 1-3, 7 & 10 Mineral Claims", Cariboo Mining Division* (File No. 25180)

Tennant, S.J. (1997). *1997 Drilling Assessment Report on the Calm 4-9 Mineral Claims, Cariboo Mining Division* (File No. 25301)

Tennant, S.J. (1998). *1998 Geochemical Assessment Report on the BV 4 & 6-9 Mineral Claims, Cariboo Mining Division* (File No.25717)

Todoruk, S. (1992). 1992 Geochemical Assessment Report on the Bud 1-4 and 9 Mineral Claims, Cariboo Mining Division (File No. 22455)

Walker, J.T. (1983). *Report on the Airborne Geophysical Survey on the Little Lake Property, Likely Area, B.B., Cariboo Mining Division,* (File No. 11830)

Wardlaw, S. (1984). *Logistics Report on an Induced Polarization Survey performed on the Rick Goldmaster and Impasse Claims, Jacobie Lake Area, Cariboo Mining Division* (File No. 13430b)

Wright, S. W. (1966). *Geochemical Survey-Marine Group*. Cariboo Mining Division. (File No. 00862)

Wright, S.W. (1967). *Geochemical Survey, Jacobie Group of Mineral Claims*. Quesnel Mining Division. (File No. 00885)

VOLUME II: APPENDICES

2024 field activities at the

MOUNT POLLEY PROPERTY

Claims:

Caribou Mining District

NTS Mapsheet 093A 12

Centre of Property:
0585738 mE, 5822030 mN
(NAD83 Zone 10N)

Prepared for:

EAGLE PLAINS RESOURCES LTD.
Suite 200, 44-12th Avenue South
Cranbrook, British Columbia, Canada
V1C 2R7

By:

Ashton Baich, B.Sc.

TERRALOGIC EXPLORATION SERVICES
Suite 200, 44-12th Ave. S.
Cranbrook, B.C. V1C 2R7

February 2025

List of Appendices

APPENDIX I

Statement of Qualifications

Appendix I: Statement of Qualifications

I, Ashton Baich, in the city of Halifax, in the Province of Nova Scotia, hereby certify that:

1. I am currently employed as a Junior Geologist with TerraLogic Exploration Inc. with business address: Suite 200, 44-12th Avenue South, Cranbrook, BC, V1C 2R7.
2. I am a graduate of Acadia University with a Bachelor of Science degree with a double major in Geology and Biology.
3. This report, authored by myself, is based on personal examination of all available company and government reports pertinent to the Mount Polley Property.

Dated this 20th day of February, 2025, in Halifax, NS.

A Baich

_____

SIGNATURE
Ashton Baich, B.Sc.

APPENDIX II

Statement of Expenditures

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	**Field Days (list actual days)**	**Days**	**Rate**	**Subtotal***	
Ashton Baich/ Geologist		7.5	$675.00	$5,062.50	
Brad Robison/ GIS & Logistics		8	$650.00	$5,200.00	
Claudia Castillo/ Geotech		12	$525.00	$6,300.00	
Laura Tennent/ Geologist		7.5	$725.00	$5,437.50	
				$22,000.00	**$22,000.00**
Office Studies	**List Personnel (note - Office only, do not include field days**				
GIS & Logistics	Brad Robison	18.50	$78.00	$1,443.00	
Database preparation	Vanessa Beach	1.0	$93.00	$93.00	
Report preparation	Laura Tennent	28.3	$87.00	$2,457.75	
Report preparation	Laura Tennent	7.75	$90.00	$697.50	
Report review	Michelle McKeough	1.00	$84.00	$84.00	
Report preparation etc.	Ashton Baich	82.0	$84.00	$6,888.00	
				$11,663.25	**$11,663.25**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Till	*38*			$20,957.00	
Till	*38*		$0.00	$3,961.23	
Rock	*3*			$260.24	
				$25,178.47	**$25,178.47**
Transportation		**No.**	**Rate**	**Subtotal**	
Airfare			$0.00	$2,670.18	
Taxi			$0.00	$121.91	
Fuel	*Truck fuel*		$0.00	$1,502.19	
Other (Specify)	*Baggage*			$200.00	
				$4,494.28	**$4,494.28**
Accommodation & Food	**Rates per day**				
Hotel			$0.00	$1,965.30	
Camp			$0.00	$173.43	
Meals	*Groceries + Restaurants*		$0.00	$2,091.72	
				$4,230.45	**$4,230.45**
Miscellaneous					
Consumables				$1,031.17	
Other (Specify)	*Disbursement fees*			$5,547.90	
				$6,579.07	**$6,579.07**
Equipment Rentals					
Field Gear (Specify)	Truck, field kit, drone, computer, DGPS		$0.00	$5,452.78	
Other (Specify)					
				$5,452.78	**$5,452.78**
Freight, rock samples					
Sample Shipment			$0.00	$2,051.61	
				$2,051.61	**$2,051.61**
TOTAL Expenditures					**$81,649.91**

APPENDIX III

Geochemical Protocol

3.1 TerraLogic Exploration Inc. Sampling Procedures

3.2 ALS Analytical Protocol

Appendix 3.1: TerraLogic Exploration Inc. Sampling Protocols

Rock Sampling

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. Where possible, 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. All of the samples were laid out and sample numbers were compared to those from the Androids, then, 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 50g fire assay with atomic absorption finish (Au-AA24).

Till Sampling

Till sampling was conducted over the property for geochemical analysis and gold grain assessment, following procedures outlined by Plouffe and Ferbey (2016). The sample sites were typically along road-cuts, with some samples collected in forests with minimal underbrush. Pits approximately 1x1x1 m were dug using shovels and geotools, then coarse sifted to 1 cm into a bucket. Sample material was taken from depths of 50 to 120 cm. Two samples were collected at each site, a larger 10-15 kg sample for indicator mineral processing and a smaller 1-2 kg sample for geochemical analysis. All of the sample data was recorded in a field notebook with spatial locations obtained using a handheld GPS. Data collected for the samples included stratification, consolidation, jointing, fissility, oxidation, striation, drainage, and depositional mechanism. Notes on matrix mode, percentage and texture, as well as clast mode, size and angularity were also collected. Photos were taken of each till sample and pit dug. Upon return, sample notes were entered into a database using Microsoft Access. The samples were laid out and compared to the entries in the Access database to avoid any mistakes or discrepancies.

At the end of the program, samples in buckets were sorted and labelled with shipment number and shipping/receiving addresses. The samples were sent to ALS Geochemistry at 2103 Dollarton Hwy, North Vancouver, BC, V7H 0A7, and Overburden Drilling Management Ltd. (ODM) at Unit 107 – 15 Capella Court, Ottawa, ON, K2E 7X1, for processing.

Appendix 3.2: ALS Analytical Procedures

In 2024, a total of 38 till samples and 3 rock samples were sent for geochemical analysis by ALS Geochemistry, North Vancouver.

Once samples arrived at ALS, the till was dried and sieved to 0.063 mm (SCR-51), before undergoing an all-element analysis using lithium meta/tetraborate fusion by inductively couple plasma atomic emission spectrometry after the dissolution of the melt (ME-ICP06, TOT-ICP06).

They were then subjected to a multi-element ultra trace analysis using inductively couple plasma mass spectrometry in an aqua regia digest (ME-MS41W) and Li Borate fusion (ME-MS81).

The samples were also analyzed for loss on ignition at 1,000° C in a muffle furnace (OA-GRA05), and for total sulfur by oxidation using an induction furnace and infrared spectroscopy (S-IR08).

More detailed information regarding ALS analytical procedures can be found below.

C-IR07 & S-IR08 – Evaluation of Ores and High Grade Materials

Sample Decomposition:

Induction Furnace

Analytical Method:

Infrared Spectroscopy

The sample is analyzed for total Sulphur and/or carbon using an infrared spectroscopy analyzer. While a stream of oxygen passes through a prepared sample (0.05 to 0.6g), it is heated in a furnace to approximately 1350°C. Sulphur dioxide and carbon dioxide released from the sample are measured by an infrared detection system and the total Sulphur and/or carbon result is provided.

Method Code	Element	Symbol	Units	Lower Limit	Upper Limit
C-IR07	Carbon	C	%	0.01	50
S-IR08	Sulphur	S	%	0.01	50
S-IR08t	Sulphur	S	%	0.01	100

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-MS81
Lithogeochemistry

Sample Decomposition:

Lithium Borate ($LiBO_2/Li_2B_4O_7$) Fusion (FUS-LI01)*

Analytical Method:

Inductively Coupled Plasma - Mass Spectroscopy (ICP - MS)

A prepared sample (0.100 g) is added to lithium metaborate/lithium tetraborate flux, mixed well and fused in a furnace at 1025°C. The resulting melt is then cooled and dissolved in an acid mixture containing nitric, hydrochloric and hydrofluoric acids. This solution is then analyzed by inductively coupled plasma - mass spectrometry.

Analyte	Symbol	Units	Lower Limit	Upper Limit
Barium	Ba	ppm	0.5	10000
Cerium	Ce	ppm	0.1	10000
Chromium	Cr	ppm	10	10000
Cesium	Cs	ppm	0.01	10000
Dysprosium	Dy	ppm	0.05	1000
Erbium	Er	ppm	0.03	1000
Europium	Eu	ppm	0.02	1000
Gallium	Ga	ppm	0.1	1000
Gadolinium	Gd	ppm	0.05	1000
Hafnium	Hf	ppm	0.1	10000
Holmium	Ho	ppm	0.01	1000
Lanthanum	La	ppm	0.1	10000
Lutetium	Lu	ppm	0.01	1000
Niobium	Nb	ppm	0.1	2500
Neodymium	Nd	ppm	0.1	10000
Praseodymium	Pr	ppm	0.02	1000
Rubidium	Rb	ppm	0.2	10000
Samarium	Sm	ppm	0.03	1000
Tin	Sn	ppm	1	10000
Strontium	Sr	ppm	0.1	10000

Analyte	Symbol	Units	Lower Limit	Upper Limit
Tantalum	Ta	ppm	0.1	2500
Terbium	Tb	ppm	0.01	1000
Thorium	Th	ppm	0.05	1000
Thallium	Tl	ppm	0.5	1000
Thulium	Tm	ppm	0.01	1000
Uranium	U	ppm	0.05	1000
Vanadium	V	ppm	5	10000
Tungsten	W	ppm	1	10000
Yttrium	Y	ppm	0.1	10000
Ytterbium	Yb	ppm	0.03	1000
Zirconium	Zr	ppm	2	10000

*__Note__: Minerals that may not recover fully using the lithium borate fusion include zircon, some metal oxides, some rare-earth phosphates and some sulphides. Basemetals also do not fully recover using this method.

Basemetals determined by either aqua regia or 4-acid digestion and ICP-AES may be added to the ME-MS81 package. See following page.

Addition of Basemetals

Sample Decomposition: Aqua Regia (GEO-AR01) or 4-Acid (GEO-4ACID)

Analytical Method: Inductively Coupled Plasma – Atomic Emission Spectroscopy (ICP-AES)

The lithium borate fusion is not the preferred method for the determination of base metals. Many sulfides and some metal oxides are only partially decomposed by the borate fusion and some elements such as cadmium and zinc can be volatilized.

Base metal and additional elements more appropriately analysed by acid digestion can be reported with ME-MS81 by either an aqua regia (**ME-AQ81**) or four acid digestion (**ME-4ACD81**). The four acid digestion is preferred when the targets include more resistive mineralization such as that associated with nickel and cobalt. Mercury is only offered with the aqua regia digestion.

ME-4ACD81

Analyte	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.5	100
Arsenic	As	ppm	5	10000
Cadmium	Cd	ppm	0.5	1000
Cobalt	Co	ppm	1	10000
Copper	Cu	ppm	1	10000
Lithium	Li	ppm	10	10000
Molybdenum	Mo	ppm	1	10000
Nickel	Ni	ppm	1	10000
Lead	Pb	ppm	2	10000
Scandium	Sc	ppm	1	10000
Zinc	Zn	ppm	2	10000

ME-AQ81

Note: Mercury is only available via the aqua regia digestion

Analyte	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.5	100
Arsenic	As	ppm	5	10000
Cadmium	Cd	ppm	0.5	1000
Cobalt	Co	ppm	1	10000
Copper	Cu	ppm	1	10000
Mercury	Hg	ppm	1	10000
Molybdenum	Mo	ppm	1	10000
Nickel	Ni	ppm	1	10000
Lead	Pb	ppm	2	10000
Zinc	Zn	ppm	2	10000

Assay Procedure – OA-GRA05x, OA-GRA05xc, OA-GRA05xh
Loss on Ignition (LOI)

Sample Decomposition: Furnace
Analytical Method: Gravimetric

OA-GRA05x

LOI for XRF methods. A prepared sample is pre-dried at 105ºC for a minimum of 1 hour then placed in a muffle furnace at 1000ºC for one hour, cooled and then weighed. The percent loss on ignition is calculated from the difference in weight. LOI results based on dried samples.

OA-GRA05xc
Manual LOI for DTR Conc.

OA-GRA05xh
Manual LOI for DTR Head

Method Code	Analyte	Symbol	Units	Lower Limit	Upper Limit
OA-GRA05x	Loss on Ignition	LOI	%	0.01	100
OA-GRA05xc	Loss on Ignition	LOI	%	0.01	100
OA-GRA05xh	Loss on Ignition	LOI	%	0.01	100

Appendix 3.3: ODM Analytical Procedures

In 2024, a total of 38 till samples 10-15 kg large were sent to ODM, Ottawa, for indicator mineral processing and gold grain assessment.

At ODM, samples were panned for gold, PGMs and fine-grained metallic indicator minerals. Then, greater than 0.25 mm shaking table concentrates were refined by heavy liquid separation at S. G. 2.8 and 3.2 to obtain mid-density heavy mineral concentrates (MDCs and HMCs). After separation, clasts between 0.25-2.0 mm, and nonferromagnetic MDC and HMC clasts with S. G. greater than 3.2 were picked for porphyry copper indicator minerals. Clasts 1.0-2.0 mm, 0.5-1.0 mm, and nonparamagnetic (>1.0 amp) 0.25-0.5 mm HMC fractions were examined for scheelite by UV lamping.

APPENDIX IV

Surficial Data Export

stat_num	project	target_zor	loc_method	utm_datur	utm_zone	e_utm	n_utm	elev_m	loc_acc_m
LMMPG001	MP		GPS internal	NAD83	10N	582243	5827068	1039	2
LMMPG002	MP		GPS internal	NAD83	10N	581512	5826420	1077	2
LMMPG003	MP		GPS internal	NAD83	10N	582193	5826879	1031	3
LMMPG004	MP		GPS internal	NAD83	10N	582096	5826651	1033	3
LMMPG005	MP		GPS internal	NAD83	10N	580548	5827706	991	2
LMMPG006	MP		GPS internal	NAD83	10N	580558	5827734	994	2

notes	comp_source	username	recorded_time	elev_acc_m	locked
10 by 30 meter outcrop along highway. 2 rock samples taken. LMMPR002 and ABMPR001; joint/bed set 344/048. vein orientation 278/078		LM	6/28/2024 0:00		f
intensely hematite altered gabbro cap? dark grey fine to med grained intrusive Rock with crystals of plag and qtz approx 1mm in sz. 200m outcrop along road, rep samples taken. cross cut by calcite sheeted veinlets		LM	6/28/2024 0:00		f
outcrop requires followup		LM	6/28/2024 0:00		f
outcrop requires followup		LM	6/28/2024 0:00		f
hematite strongly altered basalt or gabbro dark red grey no min or vns subcrop 2m in size		LM	6/29/2024 0:00		f
hematite strongly altered basalt or gabbro dark red grey no min or vns subcrop 4m in size		LM	6/29/2024 0:00		f

geom_point
01010000201E690000000000000C6C42141000000007F3A5641

01010000201E6900000000000010BF214100000000DD395641

01010000201E690000000000062C42141000000C04F3A5641
01010000201E69000000000000A0C32141000000C0163A5641
01010000201E690000000000088B72141000000801E3B5641

01010000201E69000000000009CB7214100000080253B5641

samp_num	project	sampler	sampled_time	utm_zone	e_utm	n_utm	loc_method	loc_acc_m	elev_m	elev_method
ABMPR001	MP	AB	45471	10N	582246	5827079	GPS internal	8	1050	GPS internal
LMMPR001	MP	LM	45469	10N	579929	5825367	GPS internal	2	1061	GPS internal
LMMPR002	MP	LM	45471	10N	582242	5827065	GPS internal	2	1079	GPS internal

r_type	purpose	channel_len_m	channel_az	channel_incl	lith_maj	lith_min	colour_weath	colour_fresh
grab	assay				metasediment		132 132 124	163 166 159
grab	assay				monzonite		195 166 106	203 190 145
grab	assay				metasediment		214 211 194	48 46 47

grainsize	texture	mineralized	altered	is_vein	least_altered	mass_kg	status	bucket_num	ship_num
fine	aphanitic	f	f	t	f	4.68	complete	1	MP24-003
fine-medium	aphanitic	f	t	t	f	4.54	complete	1	MP24-003
fine	aphanitic	t	t	t	f	3.34	complete	1	MP24-003

notes	comp_source	username	recorded_time	photo_num	geom_point	target_zone
grey fined grain meta seds?/wacke, visible beds, with quartz calcite veins cross cutting the unit with azurite and malachite on frac surfaces (also sampled) joint/bed set 344/048. vein orientation 278/078		AB	45471.78		01010000201E6900000000000CCC42141000000C0813A5641	
white to greenish-grey f.g monzonite/ tonalite qtz veinlets cross cutting unit approx 0.5-2.5cm, weak propy alt, historic trench/placer pit? approx 50m in length - follow up outcrop mapping recommended		LM	45470.77		01010000201E6900000000000B2B22141000000C0D5385641	
fine grained silica hematite altered metaseds. fine grained grey cross cut by calcite qaurtz veins. 2% azurite, 1% malachite on fracture surfaces.		LM	45471.78		01010000201E6900000000000C4C42141000000407E3A5641	

samp_num	project	sampler	sampled_time	utm_zone	e_utm	n_utm	loc_method	loc_acc_m	elev_m
ABMPT001	MP	AB	6/25/2024 0:00	10N	577984	5829315	GPS internal	2	997
ABMPT002	MP	AB	6/25/2024 0:00	10N	579439	5829046	GPS internal	2	911
ABMPT003	MP	AB	6/25/2024 0:00	10N	577297	5829123	GPS internal	3	996
ABMPT004	MP	AB	6/25/2024 0:00	10N	578703	5826566	GPS internal	2	981
ABMPT005	MP	AB	6/28/2024 0:00	10N	579966	5824800	GPS internal	5	1039
ABMPT006	MP	AB	6/28/2024 0:00	10N	581438	5827308	GPS internal	3	1045
ABMPT007	MP	AB	6/28/2024 0:00	10N	580757	5827089	GPS internal	4	1086
ABMPT008	MP	AB	6/28/2024 0:00	10N	581612	5826601	GPS internal	2	1088
ABMPT009	MP	AB	6/29/2024 0:00	10N	581052	5828623	GPS internal	2	958
ABMPT010	MP	AB	6/29/2024 0:00	10N	581298	5827945	GPS internal	5	1000

ABMPT011	MP	AB	6/30/2024 0:00	10N	580556	5827786	GPS internal	2	996
BRMPT001	MP	BR	6/26/2024 0:00	10N	576817	5828232	GPS internal	3	984
BRMPT002	MP	BR	6/26/2024 0:00	10N	577691	5827795	GPS internal	3	975
BRMPT003	MP	BR	6/26/2024 0:00	10N	577451	5828426	GPS internal	3	990
BRMPT004	MP	BR	6/27/2024 0:00	10N	579279	5827408	GPS internal	2	942
BRMPT005	MP	BR	6/27/2024 0:00	10N	579389	5826756	GPS internal	2	969
BRMPT006	MP	BR	6/27/2024 0:00	10N	579573	5826089	GPS internal	6	983
BRMPT007	MP	BR	6/29/2024 0:00	10N	579684	5828265	GPS internal	2	893
BRMPT008	MP	BR	6/30/2024 0:00	10N	579914	5827617	GPS internal	4	991
CCMPT001	MP	CC	6/25/2024 0:00	10N	578822	5828831	GPS internal	2	953

CCMPT002	MP	CC	6/25/2024 0:00	10N	577013	5827664	gps	5	942
CCMPT003	MP	CC	6/26/2024 0:00	10N	578178	5828595	GPS internal	3	949
CCMPT004	MP	CC	6/26/2024 0:00	10N	578302	5827955	GPS internal	8	1047
CCMPT005	MP	CC	6/26/2024 0:00	10N	578970	5828147	GPS internal	3	921
CCMPT006	MP	CC	6/27/2024 0:00	10N	580429	5825552	GPS internal	4	1085
CCMPT007	MP	CC	6/27/2024 0:00	10N	581104	5825745	GPS internal	2	1084
CCMPT008	MP	CC	6/28/2024 0:00	10N	580973	5826428	GPS internal	7	1059
CCMPT009	MP	CC	6/28/2024 0:00	10N	581927	5828154	GPS internal	2	988
CCMPT010	MP	CC	6/28/2024 0:00	10N	581521	5829473	GPS internal	4	886
LMMPT007	MP	LM	6/29/2024 0:00	10N	580373	5828358	GPS internal	2	931

LMMPT008	MP	LM	6/30/2024 0:00	10N	580835	5829250	GPS internal	2	968
LMMPT009	MP	LM	6/30/2024 0:00	10N	580214	5829163	GPS internal	2	906

elev_method	t_type	purpose	medium	exposure	depth_cm	stratification	consolidation	jointing	fissility	oxidation	matrix_mode
GPS internal	till	assay		forest	40	none	moderate	none	none	1	mixed
GPS internal	till	assay		clearcut	100	none	compact	none	none	0	mixed
GPS internal	till	assay		forest	150	none	compact	none	none	2	mixed
GPS internal	till	assay		forest	50	none	moderate	none	none	0	mixed
GPS internal	till	assay		forest	85	none	moderate	none	none	1	mixed
GPS internal	till	assay		forest	90	none	moderate	none	none	1	mixed
GPS internal	till	assay		forest	100	none	loose	none	none	2	mixed
GPS internal	till	assay		forest	70	none	compact	none	none	2	mixed
GPS internal	till	assay		forest	70	none	moderate	none	none	2	mixed
GPS internal	till	assay		forest	50	none	moderate	none	none	1	mixed

GPS internal	till	assay	forest	75	none	moderate	none	none	1	mixed
GPS internal	till	assay	clearcut	65	none	moderate	none	none	1	mixed
GPS internal	till	assay	clearcut	80	none	compact	none	none	2	mixed
GPS internal	till	assay	clearcut	75	none	compact	none	none	1	mixed
GPS internal	till	assay	clearcut	90	none	moderate	none	none	0	mixed
GPS internal	till	assay	clearcut	70	none	moderate	none	none	2	mixed
GPS internal	till	assay	forest	75	none	moderate	none	none	1	mixed
GPS internal	till	assay	forest	100	none	moderate	none	none	1	
GPS internal	till	assay	forest	100	none	moderate	none	none	2	mixed
GPS internal	till	assay	clearcut	70	none	moderate	moderate	none	3	mixed

gps	till	assay	clearcut	90	none	compact	none	none	2	cement
GPS internal	till	assay	forest	60	none	moderate	none	none	2	mixed
GPS internal	till	assay	clearcut	90	none	moderate	none	none	3	mixed
GPS internal	till	assay	forest	40	none	compact	none	none	0	mixed
GPS internal	till	assay	forest	80	none	compact	none	none	1	mixed
GPS internal	till	assay	forest	65	none	compact	none	none	1	cement
GPS internal	till	assay	forest	80	none	moderate	none	none	1	mixed
GPS internal	till	assay	clearcut	80	none	moderate	none	none	1	mixed
GPS internal	till	assay	forest	60	none	moderate	none	none	2	mixed
GPS internal	till	assay	base of slope	100	none	moderate	none	none	2	mixed

GPS internal	till	assay	clearcut	70	none	moderate	none	none	4	mixed
GPS internal	till	assay	clearcut	70	none	moderate	none	none	4	mixed

matrix_pct	matrix_colour	matrix_texture	clast_mode	clast_max	clast_angularity	dep_mechanism	dep_confidence	clast_striae	aspect	drainage	topo_feature
80	brown	sandy-clay	1	5	subrounded	basal till	3	f	135	good	level
90	brown	clay	0.5	4	rounded	basal till	1	f	180	poor	hummocky
80	brown	sandy-silt	1	10	subrounded	basal till	4	f	180	good	level
80	brown	sandy-silt	0.5	7	subrounded	basal till	3	f	315	good	level
60	brown	silty-clay	0.5	3	subangular	basal till	3	f	225	moderate	level
80	brown	silty-clay	0.75	2	subrounded	basal till	3	f	315	moderate	inclined
70	brown	silty-sand	0.5	2	rounded	basal till	3	f	270	moderate	level
80	brown	silty-sand	0.5	3	subrounded	basal till	3	f	90	good	level
80	77 60 52	silty-sand	1	2	subrounded	basal till	3	f	225	good	level
80	92 92 104	silty-clay	0.5	2	subrounded	basal till	2	f	45	good	inclined

75	183 141 155	silty-clay	0.5	12	rounded	basal till	3	f	225	poor	inclined
80	114 95 89	sandy-clay	2	6	rounded	basal till	3	f	225	good	level
75	62 52 43	sandy-clay	2	8	rounded	basal till	3	f	315	good	level
80	100 87 81	sandy-clay	1	7	rounded	basal till	3	f	180	good	level
60	92 82 93	silty-clay	2	6	rounded	basal till	4	f	225	good	inclined
60	129 102 83	silty-clay	1	6	rounded	basal till	1	f	180	poor	inclined
75	125 110 117	sandy-clay	1	5	rounded	basal till	2	f	180	moderate	hummocky
60	185 163 140	sandy-silt	1	5	rounded	basal till	3	f	270	good	inclined
60	117 107 98	sandy-silt	1	5	rounded	basal till	3	f	0	moderate	inclined
80	orangish brown	silty-clay	1	5	subrounded	basal till	3	f	135	good	inclined

90	brown	clay	0.5	4	rounded	basal till	4	f	0	good	level
80	brown	sandy-silt	0.5	7	rounded	basal till	3	f	45	good	level
80	brown	sandy-silt	0.5	5	subrounded	basal till	3	f	90	good	level
80	brown	sandy-silt	0.5	4	subrounded	basal till	3	f	90	good	inclined
75	brown	silty-clay	0.25	3	subrounded	basal till	1	f	0	poor	level
65	brown	silty-clay	0.5	5	rounded	basal till	2	f	315	moderate	level
80	28 20 17	sandy-silt	2	10	subrounded	basal till	4	f	225	good	inclined
70	125 114 120	sandy-silt	1	25	subrounded	basal till	4	f	180	good	hummocky
90	64 56 54	silty-clay	1	8	subrounded	c horizon	2	f	270	poor	level
70	190 187 180	sand-medium	0.5	15	subrounded	basal till	3	f	0	good	inclined

20	199 177 138	sandy-clay	1	10	subrounded	basal till	4	f	180	good	level
60	48 16 27	sandy-silt	0.5	3506	subrounded	basal till	4	f	0	moderate	inclined

veg_type	bedrock	mass_kg	quality	status	bucket_num	ship_num	notes
coniferous		4.92	5	complete	1	MP24-002	approximately , 10m from road.
deciduous		3.58	5	complete	1	MP24-002	poor clay rich sample; location along tree line; wet/boggy area, dug three test pits. subangular granite boulders approx 10-15cm in size found in pit
deciduous		4.46	5	complete	1	MP24-002	good pit, well defined layers - basal till
deciduous		4.28	5	complete	1	MP24-002	on other side of bog, 50m into tree line
mixed		3.58	5	complete	1	MP24-002	wet, clay, hand sieve
mixed		3.04	5	complete	1	MP24-002	clay, wet hillside on edge of ancient cut block
mixed		3.84	5	complete	2	MP24-002	edge of historic cut block, very wet area, sample collected from uprooted tree/stump
mixed		4.8	5	complete	2	MP24-002	great pit, great sample, taken from hillside
mixed		3.82	5	complete	2	MP24-002	uprooted tree, great sample, historoc cut block
mixed		2.88	5	complete	2	MP24-002	uprooted tree, clay rich some hand sieve granite boulders present in till pit

mixed	3.36	5	complete	2	MP24-002	uprooted tree, clay rich, granite boulders found (subangular) and granite and qtz cobbles and pebbles(rounded)
deciduous	2.76	5	complete	2	MP24-002	Good sample. Had to move location due to old slash pile at original location.
coniferous	3.04	5	complete	3	MP24-002	Good sample.
coniferous	3.12	5	complete	3	MP24-002	good sample. Lots of man made disturbance around. Best close least disturbed location
coniferous	3.42	5	complete	3	MP24-002	Good sample, below road in old clear-cut
coniferous	4.38	5	complete	3	MP24-002	Poor sample in boggy area. No good site option.
coniferous	2.72	5	complete	3	MP24-002	Ok sample, due to mud could not sieve. had to hand sieve. Slightly smaller sample than average.
coniferous	2.22	5	complete	3	MP24-002	Smaller good quality sample due to long hike and poor bush.
mixed	2.86	5	complete	4	MP24-002	Smaller sample due to poor bush. Clay and had to hand sieve.
mixed	3.22	5	complete	4	MP24-002	rusty clay just up from the road

coniferous	4.44	4	complete	4	MP24-002	close to the road
deciduous	3.06	5	complete	4	MP24-002	10m approx from road, clean horizon lines, good quality pit
deciduous	2.88	5	complete	4	MP24-002	Historical clearcut minimal forest road (second gen). a lot of dead trees around.
deciduous	3.52	5	complete	4	MP24-002	20m for road good quality pit
deciduous	4.76	5	complete	5	MP24-002	very wet, water in pit, dug 2 pits
deciduous	3.88	5	complete	5	MP24-002	good pit, some angular granite seen
deciduous	5.96	5	complete	5	MP24-002	10m from the creek. sample on the the top of the slope edge. well developed layers.
deciduous	4.16	5	complete	5	MP24-002	old cutblock, well defined horizons, increased clay and rocks and compact with depth
deciduous	6.12	5	complete	5	MP24-002	c-horizon/till. homogenous pit no well defined layers below O . filled with water. wet sample. a long the edge of swamp.
deciduous	3.24	5	complete	6	MP24-002	tree well, well defined horizons, very sandy and rocky.

deciduous	3.5	5	complete	6	MP24-002	old clear-cut, well defined horizons, more compact with depth
deciduous	3.04	5	complete	6	MP24-002	very old clear-cut, well defined layers, compact with depth

comp_source	username	recorded_time	photo_num	slope	geom_point
	AB	05:21.7		0	01010000201E6900000000000080A32141000000C0B03C5641
	AB	05:21.7		10	01010000201E69000000000000DEAE2141000000806D3C5641
	AB	05:21.7		0	01010000201E6900000000000229E2141000000C0803C5641
	AB	05:21.7		0	01010000201E690000000000001EA9214100000080013A5641
	AB	48:14.5		5	01010000201E69000000000000FCB2214100000000048385641
	AB	48:14.5		10	01010000201E690000000000007CBE214100000000BB3A5641
	AB	48:14.5		5	01010000201E690000000000002AB9214100000040843A5641
	AB	48:14.5		10	01010000201E69000000000000D8BF2141000000400A3A5641
	AB	32:44.1		5	01010000201E690000000000078BB2141000000C0033C5641
	AB	32:44.1		10	01010000201E6900000000000064BD2141000000405A3B5641

AB	51:30.3	10	01010000201E69000000000000098B7214100000080323B5641
BR	57:12.0	5	01010000201E69000000000000629A214100000000A23B5641
BR	57:12.0	0	01010000201E69000000000000036A12141000000C0343B5641
BR	57:12.0	0	01010000201E69000000000000569F214100000080D23B5641
BR	28:14.5	5	01010000201E690000000000009EAD214100000000D43A5641
BR	28:14.5	5	01010000201E690000000000007AAE214100000000313A5641
BR	28:14.5	10	01010000201E69000000000000EAAF2141000000408A395641
BR	34:23.6	5	01010000201E69000000000000C8B0214100000040AA3B5641
BR	52:07.9	10	01010000201E69000000000000094B2214100000040083B5641
CC	13:18.4	10	01010000201E690000000000000CAA2141000000C0373C5641

CC	28:58.7	0	01010000201E690000000000000EA9B214100000000143B5641
CC	52:16.4	10	01010000201E6900000000000004A52141000000C0FC3B5641
CC	52:16.4	10	01010000201E690000000000000FCA52141000000C05C3B5641
CC	52:16.4	20	01010000201E6900000000000034AB2141000000C08C3B5641
CC	30:27.3	0	01010000201E690000000000009AB621410000000004395641
CC	30:27.3	0	01010000201E69000000000000E0BB214100000004034395641
CC	45:41.4	30	01010000201E69000000000000DABA214100000000DF395641
CC	45:41.4	10	01010000201E690000000000004EC22141000000808E3B5641
CC	45:41.4	0	01010000201E6900000000000022BF214100000040D83C5641
LM	33:48.0	20	01010000201E690000000000002AB6214100000080C13B5641

LM	53:15.3	5	01010000201E69000000000000C6B9214100000080A03C5641
LM	53:15.3	10	01010000201E69000000000000ECB42141000000C08A3C5641

APPENDIX V

Analytical Data

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: 20-JUL-2024
Account: TELOEX

QC CERTIFICATE VA24185476

Project: Mt. Polley West Project

P.O. No.: MP2024-1

This report is for 4 samples of Rock submitted to our lab in Vancouver, BC, Canada on 8-JUL-2024.

The following have access to data associated with this certificate:

VANESSA BEACH	MICHELLE MCKEOUGH	LAURA TENNENT

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
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage

ANALYTICAL PROCEDURES

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

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 *****

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

Signature:

Saa Traxler, Director, North Vancouver Operations

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CRANBROOK BC V1C 2R7

Finalized Date: 20-JUL-2024
Account: TELOEX

Project: Mt. Polley West Project

QC CERTIFICATE OF ANALYSIS VA24185476

Sample Description	Method	Au-AA23	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	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
STANDARDS																
EMOG-17			68.8	4.70	584	310	1.81	5.42	1.97	21.0	48.5	764	58	7.03	8350	4.94
Target Range - Lower Bound			60.9	4.18	522	310	1.60	5.31	1.72	18.15	42.9	686	49	6.56	7750	4.42
Upper Bound			74.5	5.13	638	440	2.06	6.51	2.12	22.2	52.5	838	62	8.12	8910	5.42
G311-10		7.38														
Target Range - Lower Bound		6.88														
Upper Bound		7.76														
OREAS 243			2.98	6.35	90.0	260	0.51	0.07	5.61	0.81	15.45	40.7	79	1.18	177.0	7.53
Target Range - Lower Bound			2.73	5.73	76.3	200	0.36	0.05	5.02	0.69	13.40	35.3	76	1.09	160.5	6.79
Upper Bound			3.35	7.03	93.7	300	0.60	0.10	6.16	0.89	16.40	43.3	95	1.45	185.5	8.32
OREAS L11		0.307														
Target Range - Lower Bound		0.282														
Upper Bound		0.328														
BLANKS																
BLANK		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
BLANK			<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	0.01	<0.1	1	<0.05	<0.2	<0.01
Target Range - Lower Bound			<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01
Upper Bound			0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10	0.4	0.02
DUPLICATES																
ORIGINAL		0.176														
DUP		0.180														
Target Range - Lower Bound		0.164														
Upper Bound		0.192														
KBDOR004			0.01	8.33	5.1	850	0.63	0.01	1.64	0.04	9.06	16.6	15	1.11	35.1	4.07
DUP			0.02	8.81	5.3	890	0.66	0.01	1.73	0.04	9.67	17.3	16	1.19	36.6	4.26
Target Range - Lower Bound			<0.01	8.13	4.7	790	0.56	<0.01	1.59	<0.02	8.89	16.0	14	1.04	34.4	3.95
Upper Bound			0.02	9.01	5.7	950	0.73	0.02	1.78	0.06	9.84	17.9	17	1.26	37.3	4.38

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

***** 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: 20-JUL-2024
Account: TELOEX

Project: Mt. Polley West Project

QC CERTIFICATE OF ANALYSIS VA24185476

Sample Description / Method / Analyte / Units / LOD	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
STANDARDS															
EMOG-17	12.05	0.16	1.7	0.939	1.65	25.7	28.1	0.99	752	1070	1.11	14.3	7580	850	7170
Target Range - Lower Bound	10.75	0.06	1.6	0.823	1.49	20.7	23.9	0.86	670	997	0.99	12.7	6820	700	6570
Upper Bound	13.25	0.30	2.2	1.015	1.85	26.4	29.7	1.08	830	1220	1.23	15.7	8330	880	8030
G311-10															
Target Range - Lower Bound															
Upper Bound															
OREAS 243	15.30	0.08	1.7	0.079	0.63	6.5	13.6	3.20	1245	1.81	2.00	3.8	69.2	470	36.4
Target Range - Lower Bound	13.80	<0.05	1.6	0.066	0.57	5.0	11.8	2.86	1130	1.69	1.83	3.2	58.3	390	34.0
Upper Bound	17.00	0.21	2.1	0.094	0.72	7.7	14.8	3.52	1390	2.17	2.25	4.2	71.7	490	42.6
OREAS L11															
Target Range - Lower Bound															
Upper Bound															
BLANKS															
BLANK															
Target Range - Lower Bound															
Upper Bound															
BLANK	<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	<0.5
Target Range - Lower Bound	<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	<0.5
Upper Bound	0.10	0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20	1.0
DUPLICATES															
ORIGINAL															
DUP															
Target Range - Lower Bound															
Upper Bound															
KBDOR004	16.70	<0.05	0.5	0.039	1.43	4.0	28.1	1.74	601	0.13	4.00	2.2	14.9	540	2.3
DUP	17.80	<0.05	0.5	0.042	1.48	4.2	29.4	1.79	619	0.15	4.15	2.3	15.9	560	2.6
Target Range - Lower Bound	16.35	<0.05	0.4	0.033	1.37	3.4	27.1	1.67	575	0.08	3.86	2.0	14.4	510	1.8
Upper Bound	18.15	0.10	0.6	0.048	1.54	4.8	30.4	1.86	646	0.20	4.29	2.5	16.4	590	3.1

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

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

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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: 20-JUL-2024
Account: TELOEX

Project: Mt. Polley West Project

QC CERTIFICATE OF ANALYSIS VA24185476

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
STANDARDS																
EMOG-17		112.0	0.328	3.25	788	7.7	8	2.4	204	0.89	1.31	10.85	0.318	2.07	2.9	74
Target Range - Lower Bound		98.9	0.286	2.91	643	7.2	4	2.2	184.5	0.78	1.10	10.35	0.285	1.89	2.8	67
Upper Bound		121.0	0.354	3.57	869	9.0	9	3.2	226	1.08	1.46	12.65	0.359	2.61	3.7	84
G311-10																
Target Range - Lower Bound																
Upper Bound																
OREAS 243		17.6	0.003	0.52	2.17	37.3	1	1.1	100.0	0.24	0.13	1.30	0.589	0.34	0.4	255
Target Range - Lower Bound		16.0	<0.002	0.46	1.85	32.2	<1	0.8	88.0	0.15	<0.05	1.24	0.535	0.25	0.2	231
Upper Bound		19.8	0.007	0.59	2.63	39.6	3	1.7	108.0	0.37	0.24	1.54	0.665	0.39	0.6	285
OREAS L11																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	0.03	<0.1	<1
Target Range - Lower Bound		<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	<1
Upper Bound		0.2	0.004	0.02	0.10	0.2	2	0.4	0.4	0.10	0.10	0.02	0.010	0.04	0.2	2
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
KBDOR004		18.1	<0.002	<0.01	0.45	16.8	<1	0.4	314	0.14	<0.05	0.87	0.340	0.11	0.2	176
DUP		19.0	<0.002	<0.01	0.50	17.4	<1	0.4	332	0.15	<0.05	0.92	0.356	0.11	0.2	183
Target Range - Lower Bound		17.5	<0.002	<0.01	0.39	16.1	<1	<0.2	307	0.09	<0.05	0.84	0.326	0.08	<0.1	170
Upper Bound		19.6	0.004	0.02	0.56	18.1	2	0.6	339	0.20	0.10	0.95	0.370	0.14	0.3	189

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

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ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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www.alsglobal.com/geochemistry

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

Project: Mt. Polley West Project

QC CERTIFICATE OF ANALYSIS VA24185476

Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
STANDARDS					
EMOG-17		3.6	16.4	7340	66.6
Target Range - Lower Bound		3.3	14.3	6800	55.6
Upper Bound		4.7	17.7	8320	76.4
G311-10					
Target Range - Lower Bound					
Upper Bound					
OREAS 243		40.0	21.4	167	62.6
Target Range - Lower Bound		31.9	18.2	142	51.4
Upper Bound		43.5	22.4	178	70.7
OREAS L11					
Target Range - Lower Bound					
Upper Bound					
BLANKS					
BLANK					
Target Range - Lower Bound					
Upper Bound					
BLANK		<0.1	<0.1	<2	<0.5
Target Range - Lower Bound		<0.1	<0.1	<2	<0.5
Upper Bound		0.2	0.2	4	1.0
DUPLICATES					
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					
KBDOR004		0.2	8.0	58	16.3
DUP		0.2	8.4	60	17.0
Target Range - Lower Bound		<0.1	7.7	54	14.9
Upper Bound		0.3	8.7	64	18.4

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

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

Finalized Date: 20-JUL-2024
Account: TELOEX

Project: Mt. Polley West Project

QC CERTIFICATE OF ANALYSIS VA24185476

Sample Description	Method / Analyte / Units / LOD	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	ME-MS61 Fe % 0.01
DUPLICATES																
ORIGINAL		<0.005														
DUP		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

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Finalized Date: 20-JUL-2024
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Project: Mt. Polley West Project

QC CERTIFICATE OF ANALYSIS VA24185476

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
		DUPLICATES														
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

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

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Project: Mt. Polley West Project

QC CERTIFICATE OF ANALYSIS VA24185476

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

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

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SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20-JUL-2024
Account: TELOEX

Project: Mt. Polley West Project

QC CERTIFICATE OF ANALYSIS VA24185476

Sample Description	Method / Analyte / Units / LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5
		DUPLICATES			
ORIGINAL					
DUP					
Target Range - Lower Bound					
Upper Bound					

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

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

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Finalized Date: 20-JUL-2024
Account: TELOEX

Project: Mt. Polley West Project

QC CERTIFICATE OF ANALYSIS VA24185476

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

Au-AA23	BAG-01	CRU-31	CRU-QC
DISP-01	LOG-22	ME-MS61	PUL-32m
PUL-QC	SPL-21	WEI-21	

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Finalized Date: 20-JUL-2024
Account: TELOEX

CERTIFICATE VA24185476

Project: Mt. Polley West Project

P.O. No.: MP2024-1

This report is for 4 samples of Rock submitted to our lab in Vancouver, BC, Canada on 8-JUL-2024.

The following have access to data associated with this certificate:

VANESSA BEACH	MICHELLE MCKEOUGH	LAURA TENNENT

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
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage

ANALYTICAL PROCEDURES

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

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 *****

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

Signature:

Saa Traxler, Director, North Vancouver Operations

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

Finalized Date: 20-JUL-2024
Account: TELOEX

Project: Mt. Polley West Project

CERTIFICATE OF ANALYSIS VA24185476

Sample Description	Method	WEI-21	Au-AA23	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	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
ABMPR001		4.68	<0.005	0.03	1.05	4.8	60	0.18	0.01	34.1	0.16	3.82	1.0	12	0.22	62.9
LMMPR001		4.54	0.087	0.10	4.56	59.6	160	3.00	0.03	0.66	0.03	30.8	15.5	275	6.70	52.3
LMMPR001B		2.82	<0.005	0.01	0.07	<0.2	<10	0.09	0.01	21.1	<0.02	0.95	0.4	3	0.13	1.2
LMMPR002		3.34	<0.005	0.45	1.23	157.5	40	0.18	0.01	34.4	0.11	4.40	1.0	14	0.18	1450

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

***** 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: 20-JUL-2024
Account: TELOEX

Project: Mt. Polley West Project

CERTIFICATE OF ANALYSIS VA24185476

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
ABMPR001		0.34	1.99	<0.05	0.2	0.008	0.20	2.9	6.0	0.31	327	0.43	0.02	0.4	0.7	290
LMMPR001		1.19	10.50	0.06	1.9	0.036	1.18	15.0	41.8	0.19	262	0.71	0.02	4.3	29.8	1480
LMMPR001B		0.11	0.18	<0.05	<0.1	<0.005	0.03	0.5	2.4	13.05	111	<0.05	<0.01	0.1	0.4	20
LMMPR002		0.28	2.36	<0.05	0.2	0.008	0.17	3.3	7.5	0.36	358	0.38	0.02	0.5	0.4	350

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

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

Finalized Date: 20-JUL-2024
Account: TELOEX

Project: Mt. Polley West Project

CERTIFICATE OF ANALYSIS VA24185476

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
ABMPR001		0.6	5.1	<0.002	0.02	0.18	2.0	<1	<0.2	348	<0.05	<0.05	0.21	0.030	0.03	2.2
LMMPR001		9.9	49.6	<0.002	0.06	25.5	8.1	<1	0.8	2420	0.23	0.38	1.76	0.395	0.25	1.5
LMMPR001B		<0.5	1.3	<0.002	<0.01	0.17	0.2	<1	<0.2	56.7	<0.05	<0.05	0.11	<0.005	<0.02	<0.1
LMMPR002		0.8	4.1	0.002	0.02	0.20	2.2	1	<0.2	363	<0.05	<0.05	0.24	0.037	0.04	3.2

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

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SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 20-JUL-2024
Account: TELOEX

Project: Mt. Polley West Project

CERTIFICATE OF ANALYSIS VA24185476

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
ABMPR001		32	0.2	5.2	6	7.1
LMMPR001		105	18.5	10.1	17	83.6
LMMPR001B		1	0.1	0.3	3	0.7
LMMPR002		35	0.4	6.1	5	7.3

Comments: PROJECT NAME: Mt. Polley West Project (MP24-003)

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44 - 12TH AVE SOUTH
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CRANBROOK BC V1C 2R7

Finalized Date: 20-JUL-2024
Account: TELOEX

Project: Mt. Polley West Project

CERTIFICATE OF ANALYSIS VA24185476

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

Au-AA23	BAG-01	CRU-31	CRU-QC
DISP-01	LOG-22	ME-MS61	PUL-32m
PUL-QC	SPL-21	WEI-21	

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

Finalized Date: 1-AUG-2024
Account: TELOEX

QC CERTIFICATE VA24186553

Project: Mt Polley West Project

P.O. No.: MP2024-1

This report is for 38 samples of Till submitted to our lab in Vancouver, BC, Canada on 11-JUL-2024.

The following have access to data associated with this certificate:

VANESSA BEACH	MICHELLE MCKEOUGH	LAURA TENNENT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-51	Screening
DRY-22	Drying - Maximum Temp 60C

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	
S-IR08	Total Sulphur (IR Spectroscopy)	LECO
ME-MS41W	Super Trace Modified Weak AR by 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 *****

Comments: Mt Polley West Project (Shipment MP23-001)

Signature:

Saa Traxler, Director, North Vancouver Operations

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

Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	S-IR08	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W
	Analyte	S	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.0005	0.01	0.001	0.003	0.001	0.01	0.005
STANDARDS																
AMIS0085																
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0304																
Target Range - Lower Bound																
Upper Bound																
AMIS0461																
Target Range - Lower Bound																
Upper Bound																
AMIS0520																
Target Range - Lower Bound																
Upper Bound																
AMIS0547																
Target Range - Lower Bound																
Upper Bound																
BCS-512																
BCS-512																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																
Target Range - Lower Bound																
Upper Bound																
GS310-10		0.28														
Target Range - Lower Bound		0.25														
Upper Bound		0.29														
GS313-8		1.24														
Target Range - Lower Bound		1.19														
Upper Bound		1.29														

Comments: Mt Polley West Project (Shipment MP23-001)

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To: TERRALOGIC EXPLORATION SERVICES INC.
44 - 12TH AVE SOUTH
SUITE 200
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Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method Analyte Units LOD	ME-MS41W Cu ppm 0.01	ME-MS41W Fe % 0.0002	ME-MS41W Ga ppm 0.002	ME-MS41W Ge ppm 0.005	ME-MS41W Hf ppm 0.002	ME-MS41W Hg ppm 0.004	ME-MS41W In ppm 0.005	ME-MS41W K % 0.01	ME-MS41W La ppm 0.001	ME-MS41W Li ppm 0.1	ME-MS41W Mg % 0.01	ME-MS41W Mn ppm 0.1	ME-MS41W Mo ppm 0.01	ME-MS41W Na % 0.001	ME-MS41W Nb ppm 0.002
		STANDARDS														
AMIS0085																
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0304																
Target Range - Lower Bound																
Upper Bound																
AMIS0461																
Target Range - Lower Bound																
Upper Bound																
AMIS0520																
Target Range - Lower Bound																
Upper Bound																
AMIS0547																
Target Range - Lower Bound																
Upper Bound																
BCS-512																
BCS-512																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
Target Range - Lower Bound																
Upper Bound																
GS313-8																
Target Range - Lower Bound																
Upper Bound																

Comments: Mt Polley West Project (Shipment MP23-001)

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Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method Analyte Units LOD	ME-MS41W Ni ppm 0.04	ME-MS41W P % 0.001	ME-MS41W Pb ppm 0.005	ME-MS41W Pd ppm 0.001	ME-MS41W Pt ppm 0.002	ME-MS41W Rb ppm 0.005	ME-MS41W Re ppm 0.0001	ME-MS41W S % 0.01	ME-MS41W Sb ppm 0.005	ME-MS41W Sc ppm 0.005	ME-MS41W Se ppm 0.003	ME-MS41W Sn ppm 0.01	ME-MS41W Sr ppm 0.01	ME-MS41W Ta ppm 0.005	ME-MS41W Te ppm 0.003
		STANDARDS														
AMIS0085																
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167																
Target Range - Lower Bound																
Upper Bound																
AMIS0304																
Target Range - Lower Bound																
Upper Bound																
AMIS0461																
Target Range - Lower Bound																
Upper Bound																
AMIS0520																
Target Range - Lower Bound																
Upper Bound																
AMIS0547																
Target Range - Lower Bound																
Upper Bound																
BCS-512																
BCS-512																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
Target Range - Lower Bound																
Upper Bound																
GS313-8																
Target Range - Lower Bound																
Upper Bound																

Comments: Mt Polley West Project (Shipment MP23-001)

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Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ba	Ce	Cr	Cs	Dy	Er
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.002	0.001	0.001	0.001	0.1	0.001	0.003	0.1	0.01	0.5	0.1	5	0.01	0.05	0.03
STANDARDS																
AMIS0085											381	84.7	602	4.46	11.60	8.84
AMIS0085																
Target Range - Lower Bound																
Upper Bound																
AMIS0167											77.9	44.2	438	0.90	5.73	3.08
Target Range - Lower Bound																
Upper Bound																
AMIS0304											2570	8250	94	0.42	130.5	33.9
Target Range - Lower Bound											2340	7280	78	0.35	119.0	30.6
Upper Bound											2860	8900	108	0.45	145.5	37.4
AMIS0461																
Target Range - Lower Bound																
Upper Bound																
AMIS0520																
Target Range - Lower Bound																
Upper Bound																
AMIS0547																
Target Range - Lower Bound																
Upper Bound																
BCS-512											5.8	1.2	<5	0.19	0.06	0.03
BCS-512																
Target Range - Lower Bound																
Upper Bound																
CDN-W-4																
Target Range - Lower Bound																
Upper Bound																
GS310-10																
Target Range - Lower Bound																
Upper Bound																
GS313-8																
Target Range - Lower Bound																
Upper Bound																

Comments: Mt Polley West Project (Shipment MP23-001)

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Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description / Method / Analyte / Units / LOD	ME-MS81 Eu ppm 0.02	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.05	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.05	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.02	ME-MS81 Rb ppm 0.2	ME-MS81 Sc ppm 0.5	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 0.5	ME-MS81 Sr ppm 0.1
STANDARDS															
AMIS0085	1.05	13.2	7.39	4.88	2.70	41.2	1.48	15.70	33.6	9.12	251	10.0	7.64	3.4	114.5
AMIS0085															
Target Range - Lower Bound															
Upper Bound															
AMIS0167	0.66	3.2	4.78	2.55	1.07	22.1	0.29	4.61	19.1	4.87	17.1	5.8	4.81	1.8	19.8
Target Range - Lower Bound															
Upper Bound															
AMIS0304	142.5	18.0	327	28.0	17.60	3360	2.02	>2500	4010	>1000	11.1	118.0	578	24.4	3550
Target Range - Lower Bound	135.0	14.3	309	25.2	16.20	3250	1.84	4670	3610	925	9.3	107.5	543	22.0	3060
Upper Bound	165.0	17.7	377	30.9	19.80	3970	2.27	>2500	4410	>1000	11.8	132.5	664	28.0	3740
AMIS0461															
Target Range - Lower Bound															
Upper Bound															
AMIS0520															
Target Range - Lower Bound															
Upper Bound															
AMIS0547															
Target Range - Lower Bound															
Upper Bound															
BCS-512	<0.02	0.2	<0.05	0.05	<0.01	0.6	<0.01	0.10	0.4	0.14	0.4	<0.5	0.03	<0.5	210
BCS-512															
Target Range - Lower Bound															
Upper Bound															
CDN-W-4															
Target Range - Lower Bound															
Upper Bound															
GS310-10															
Target Range - Lower Bound															
Upper Bound															
GS313-8															
Target Range - Lower Bound															
Upper Bound															

Comments: Mt Polley West Project (Shipment MP23-001)

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44 - 12TH AVE SOUTH
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Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description / Method / Analyte / Units / LOD	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Ti % 0.01	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 0.5	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 1	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01
STANDARDS															
AMIS0085	1.5	1.59	55.5	0.15	1.39	278	39	1.9	76.7	9.68	181	71.7	10.90	3.55	3.25
AMIS0085												71.9	11.05	3.52	3.31
Target Range - Lower Bound												69.0	10.60	3.33	3.12
Upper Bound												72.1	11.35	3.67	3.44
AMIS0167	1.6	0.92	45.7	0.09	0.40	468	67	1.6	23.9	2.49	105	90.4	2.36	3.31	0.12
Target Range - Lower Bound												89.6	2.29	3.28	0.10
Upper Bound												93.3	2.55	3.62	0.16
AMIS0304	12.4	33.5	454	1.15	3.33	23.0	391	4.8	397	15.95	1150	12.20	1.48	21.2	28.0
Target Range - Lower Bound	11.1	30.8	406	1.03	3.14	21.6	331	3.8	369	15.25	1005	11.90	1.42	20.3	27.7
Upper Bound	13.8	37.7	496	1.28	3.86	26.5	415	6.3	451	18.75	1230	12.75	1.62	21.6	29.3
AMIS0461															
Target Range - Lower Bound															
Upper Bound															
AMIS0520															
Target Range - Lower Bound															
Upper Bound															
AMIS0547															
Target Range - Lower Bound															
Upper Bound															
BCS-512	<0.1	0.01	0.07	0.02	<0.01	1.72	<5	<0.5	0.3	0.03	1	0.53	0.06	0.03	30.5
BCS-512												0.53	0.07	0.03	30.7
Target Range - Lower Bound												0.34	0.03	<0.01	29.8
Upper Bound												0.42	0.08	0.05	31.4
CDN-W-4															
Target Range - Lower Bound															
Upper Bound															
GS310-10															
Target Range - Lower Bound															
Upper Bound															
GS313-8															
Target Range - Lower Bound															
Upper Bound															

Comments: Mt Polley West Project (Shipment MP23-001)

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To: TERRALOGIC EXPLORATION SERVICES INC.
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SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06
	Analyte	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOD	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
STANDARDS												
AMIS0085		1.76	1.74	4.69	0.077	0.21	0.06	0.07	0.01	0.04		100.60
AMIS0085		1.78	1.76	4.76	0.079	0.22	0.07	0.06	0.01	0.04		101.10
Target Range - Lower Bound		1.64	1.62	4.48	0.068	0.18	0.04	0.05	<0.01	0.02		97.99
Upper Bound		1.86	1.84	4.90	0.090	0.24	0.09	0.10	0.03	0.06		>102.00
AMIS0167		0.22	0.05	0.49	0.056	0.15	0.02	0.02	<0.01	0.01		98.83
Target Range - Lower Bound		0.21	0.06	0.45	0.049	0.12	<0.01	<0.01	<0.01	<0.01		97.99
Upper Bound		0.27	0.12	0.55	0.067	0.18	0.04	0.05	0.02	0.02		>102.00
AMIS0304		2.80	0.11	0.26	0.012	1.72	0.44	18.10	0.39	0.28		94.73
Target Range - Lower Bound		2.72	0.06	0.25	0.005	1.69	0.41	17.80	0.36	0.25		
Upper Bound		3.02	0.12	0.31	0.016	1.91	0.51	18.90	0.44	0.31		
AMIS0461											38.9	
Target Range - Lower Bound											36.9	
Upper Bound											40.9	
AMIS0520											16.25	
Target Range - Lower Bound											15.20	
Upper Bound											16.80	
AMIS0547											38.5	
Target Range - Lower Bound											36.6	
Upper Bound											40.4	
BCS-512		21.4	0.10	0.01	<0.002	<0.01	<0.01	<0.01	0.03	<0.01		52.66
BCS-512		21.5	0.13	<0.01	<0.002	<0.01	<0.01	<0.01	0.02	<0.01		52.98
Target Range - Lower Bound		20.9	0.09	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01		
Upper Bound		22.2	0.15	0.02	0.004	0.02	0.02	0.02	0.05	0.02		
CDN-W-4											4.20	
Target Range - Lower Bound											4.08	
Upper Bound											4.53	
GS310-10												
Target Range - Lower Bound												
Upper Bound												
GS313-8												
Target Range - Lower Bound												
Upper Bound												

Comments: Mt Polley West Project (Shipment MP23-001)

***** 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 West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	S-IR08	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W
	Analyte	S	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.0005	0.01	0.001	0.003	0.001	0.01	0.005
STANDARDS																
MA-1b		1.23														
Target Range - Lower Bound		1.12														
Upper Bound		1.22														
OREAS 146																
Target Range - Lower Bound																
Upper Bound																
OREAS 47			0.0357	0.112	0.68	9.20	<10	58.2	0.16	0.1335	0.44	0.461	39.4	48.2	25.1	1.065
OREAS 47			0.0392	0.102	0.70	9.16	<10	59.2	0.17	0.1350	0.45	0.465	39.3	47.2	25.8	1.080
Target Range - Lower Bound			0.0343	0.095	0.57	8.57		49.0	0.13	0.1200	0.37	0.434	36.2	41.5	23.1	0.990
Upper Bound			0.0423	0.119	0.71	10.50		67.4	0.19	0.1480	0.47	0.532	44.2	50.7	28.3	1.220
OREAS 906			0.0508	0.719	0.64	20.3	<10	212	0.86	10.50	0.31	0.390	71.7	22.9	9.14	0.888
OREAS 906			0.0443	0.695	0.61	18.55	<10	202	0.83	9.96	0.30	0.373	65.8	20.6	8.30	0.779
Target Range - Lower Bound			0.0426	0.661	0.54	18.35	<10	179.0	0.76	9.90	0.27	0.368	67.0	20.5	7.94	0.819
Upper Bound			0.0525	0.810	0.68	22.5	20	243	0.96	12.10	0.36	0.452	82.0	25.1	9.72	1.015
OREAS-101b																
Target Range - Lower Bound																
Upper Bound																
SY-5																
Target Range - Lower Bound																
Upper Bound																
SY-5																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK			<0.0002	<0.001	<0.01	<0.01	<10	<0.5	<0.01	0.0008	<0.01	<0.001	<0.003	0.001	0.01	<0.005
BLANK			<0.0002	<0.001	<0.01	0.01	<10	<0.5	<0.01	<0.0005	<0.01	<0.001	<0.003	0.001	0.01	<0.005
Target Range - Lower Bound			<0.0002	<0.001	<0.01	<0.01	<10	<0.5	<0.01	<0.0005	<0.01	<0.001	<0.003	<0.001	<0.01	<0.005
Upper Bound			0.0004	0.002	0.02	0.02	20	1.0	0.02	0.0010	0.02	0.002	0.006	0.002	0.02	0.010
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.01														
BLANK		<0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														
BLANK																

Comments: Mt Polley West Project (Shipment MP23-001)

***** 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 West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method Analyte Units LOD	ME-MS41W Cu ppm 0.01	ME-MS41W Fe % 0.0002	ME-MS41W Ga ppm 0.002	ME-MS41W Ge ppm 0.005	ME-MS41W Hf ppm 0.002	ME-MS41W Hg ppm 0.004	ME-MS41W In ppm 0.005	ME-MS41W K % 0.01	ME-MS41W La ppm 0.001	ME-MS41W Li ppm 0.1	ME-MS41W Mg % 0.01	ME-MS41W Mn ppm 0.1	ME-MS41W Mo ppm 0.01	ME-MS41W Na % 0.001	ME-MS41W Nb ppm 0.002
STANDARDS																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
OREAS 146																
Target Range - Lower Bound																
Upper Bound																
OREAS 47		162.0	1.380	2.18	0.049	0.155	0.013	0.034	0.10	23.1	8.0	0.38	243	12.10	0.067	0.364
OREAS 47		165.5	1.410	2.28	0.063	0.153	0.015	0.032	0.10	23.7	8.1	0.39	250	12.55	0.068	0.335
Target Range - Lower Bound		145.0	1.280	1.985	0.070	0.126	0.008	0.020	0.08	21.1	6.7	0.32	209	11.40	0.057	0.314
Upper Bound		167.0	1.560	2.43	0.098	0.158	0.028	0.044	0.13	25.9	8.5	0.42	255	14.00	0.071	0.430
OREAS 906		3230	4.68	7.41	0.047	0.987	0.008	1.080	0.26	35.5	3.3	0.11	344	3.78	0.083	0.098
OREAS 906		3090	4.47	6.93	0.043	0.887	0.009	1.015	0.25	34.0	3.1	0.11	329	3.59	0.083	0.098
Target Range - Lower Bound		2930	4.17	6.84	0.100	0.825	<0.004	0.990	0.22	33.2	2.8	0.09	298	3.46	0.072	0.094
Upper Bound		3370	5.09	8.36	0.134	1.015	0.008	1.220	0.29	40.6	3.6	0.15	364	4.25	0.090	0.132
OREAS-101b																
Target Range - Lower Bound																
Upper Bound																
SY-5																
Target Range - Lower Bound																
Upper Bound																
SY-5																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK		<0.01	<0.0002	<0.002	<0.005	<0.002	<0.004	<0.005	<0.01	<0.001	<0.1	<0.01	<0.1	<0.01	<0.001	<0.002
BLANK		<0.01	<0.0002	<0.002	<0.005	<0.002	<0.004	<0.005	<0.01	<0.001	<0.1	<0.01	<0.1	<0.01	<0.001	<0.002
Target Range - Lower Bound		<0.01	<0.0002	<0.002	<0.005	<0.002	<0.004	<0.005	<0.01	<0.001	<0.1	<0.01	<0.1	<0.01	<0.001	<0.002
Upper Bound		0.02	0.0004	0.004	0.010	0.004	0.008	0.010	0.02	0.002	0.2	0.02	0.2	0.02	0.002	0.004
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																

Comments: Mt Polley West Project (Shipment MP23-001)

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

Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description / Method / Analyte / Units / LOD	ME-MS41W Ni ppm 0.04	ME-MS41W P % 0.001	ME-MS41W Pb ppm 0.005	ME-MS41W Pd ppm 0.001	ME-MS41W Pt ppm 0.002	ME-MS41W Rb ppm 0.005	ME-MS41W Re ppm 0.0001	ME-MS41W S % 0.01	ME-MS41W Sb ppm 0.005	ME-MS41W Sc ppm 0.005	ME-MS41W Se ppm 0.003	ME-MS41W Sn ppm 0.01	ME-MS41W Sr ppm 0.01	ME-MS41W Ta ppm 0.005	ME-MS41W Te ppm 0.003
STANDARDS															
MA-1b															
Target Range - Lower Bound															
Upper Bound															
OREAS 146															
Target Range - Lower Bound															
Upper Bound															
OREAS 47	75.4	0.056	271	0.040	0.024	6.46	0.0003	0.05	0.204	2.30	0.084	1.77	21.8	<0.005	0.014
OREAS 47	78.2	0.057	276	0.041	0.027	6.73	0.0004	0.05	0.199	2.47	0.090	1.82	22.5	<0.005	0.012
Target Range - Lower Bound	68.9	0.049	256	0.038	0.021	5.91	<0.0001	0.02	0.165	2.34	0.068	1.57	19.50	<0.005	0.004
Upper Bound	84.3	0.062	312	0.048	0.031	7.23	0.0002	0.07	0.235	2.87	0.090	1.95	23.9	0.010	0.018
OREAS 906	4.73	0.025	20.3	0.003	<0.002	13.15	0.0004	0.04	1.310	1.375	4.04	1.40	10.70	<0.005	0.109
OREAS 906	4.38	0.024	19.35	<0.001	<0.002	12.50	0.0002	0.04	1.300	1.330	3.80	1.22	10.00	<0.005	0.104
Target Range - Lower Bound	4.04	0.021	18.65			12.25		<0.01	1.285	1.365	3.72	1.21	9.98	<0.005	0.096
Upper Bound	5.02	0.027	22.8			14.95		0.06	1.755	1.675	4.56	1.51	12.20	0.010	0.124
OREAS-101b															
Target Range - Lower Bound															
Upper Bound															
SY-5															
Target Range - Lower Bound															
Upper Bound															
SY-5															
Target Range - Lower Bound															
Upper Bound															
BLANKS															
BLANK	<0.04	<0.001	<0.005	<0.001	<0.002	<0.005	<0.0001	<0.01	<0.005	<0.005	<0.003	<0.01	0.01	<0.005	<0.003
BLANK	<0.04	<0.001	<0.005	<0.001	<0.002	<0.005	0.0002	<0.01	<0.005	<0.005	<0.003	<0.01	0.01	<0.005	<0.003
Target Range - Lower Bound	<0.04	<0.001	<0.005	<0.001	<0.002	<0.005	<0.0001	<0.01	<0.005	<0.005	<0.003	<0.01	<0.01	<0.005	<0.003
Upper Bound	0.08	0.002	0.010	0.002	0.004	0.010	0.0002	0.02	0.010	0.010	0.006	0.02	0.02	0.010	0.006
BLANK															
BLANK															
Target Range - Lower Bound															
Upper Bound															
BLANK															
BLANK															
Target Range - Lower Bound															
Upper Bound															
BLANK															

Comments: Mt Polley West Project (Shipment MP23-001)

***** 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 West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method Analyte Units LOD	ME-MS41W Th ppm 0.002	ME-MS41W Ti % 0.001	ME-MS41W Tl ppm 0.001	ME-MS41W U ppm 0.001	ME-MS41W V ppm 0.1	ME-MS41W W ppm 0.001	ME-MS41W Y ppm 0.003	ME-MS41W Zn ppm 0.1	ME-MS41W Zr ppm 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 5	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03
STANDARDS																
MA-1b																
Target Range - Lower Bound																
Upper Bound																
OREAS 146											>10000	4790	191	0.48	215	80.9
Target Range - Lower Bound											11450	4220	166	0.47	202	78.3
Upper Bound											>10000	5160	214	0.59	246	95.7
OREAS 47		2.90	0.051	0.072	0.378	17.9	0.095	4.41	214	4.85						
OREAS 47		3.04	0.051	0.075	0.384	18.6	0.096	4.52	220	4.95						
Target Range - Lower Bound		2.68	0.040	0.062	0.331	16.8	0.081	3.88	185.5	4.15						
Upper Bound		3.28	0.052	0.086	0.407	20.8	0.113	4.74	227	5.63						
OREAS 906		7.30	0.010	0.086	1.750	2.7	0.541	5.61	79.6	35.2						
OREAS 906		6.86	0.009	0.082	1.655	2.6	0.488	5.22	76.2	31.4						
Target Range - Lower Bound		6.70	0.007	0.073	1.550	2.5	0.467	4.98	72.8	30.3						
Upper Bound		8.20	0.011	0.101	1.900	3.3	0.635	6.10	89.2	41.0						
OREAS-101b											190.0	1420	33	2.44	30.3	18.80
Target Range - Lower Bound											166.5	1200	22	2.02	28.8	16.80
Upper Bound											205	1465	46	2.50	35.4	20.6
SY-5																
Target Range - Lower Bound																
Upper Bound																
SY-5											6180	481	160	0.59	10.80	5.07
Target Range - Lower Bound											5830	413	131	0.54	10.15	4.81
Upper Bound											7130	505	172	0.68	12.50	5.95
BLANKS																
BLANK		<0.002	<0.001	<0.001	<0.001	<0.1	0.002	<0.003	0.1	<0.01						
BLANK		<0.002	<0.001	<0.001	<0.001	<0.1	0.001	<0.003	0.1	<0.01						
Target Range - Lower Bound		<0.002	<0.001	<0.001	<0.001	<0.1	<0.001	<0.003	<0.1	<0.01						
Upper Bound		0.004	0.002	0.002	0.002	0.2	0.002	0.006	0.2	0.02						
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK											<0.5	<0.1	<5	0.02	<0.05	<0.03

Comments: Mt Polley West Project (Shipment MP23-001)

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

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description / Method / Analyte / Units / LOD	ME-MS81 Eu ppm 0.02	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.05	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.05	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.02	ME-MS81 Rb ppm 0.2	ME-MS81 Sc ppm 0.5	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 0.5	ME-MS81 Sr ppm 0.1
STANDARDS															
MA-1b															
Target Range - Lower Bound															
Upper Bound															
OREAS 146	118.5	5.7	329	3.90	35.2	2500	5.89	393	2370	574	27.9	21.8	456	43.4	3390
Target Range - Lower Bound	114.5	7.6	323	3.73	33.1	2260	5.66	349	1965	493	26.4	18.4	397	40.9	2960
Upper Bound	139.5	9.6	395	4.67	40.5	2760	6.94	427	2400	603	32.8	23.6	485	51.1	3620
OREAS 47															
OREAS 47															
Target Range - Lower Bound															
Upper Bound															
OREAS 906															
OREAS 906															
Target Range - Lower Bound															
Upper Bound															
OREAS-101b	7.47	21.9	32.6	10.75	6.34	800	2.42	60.6	402	128.0	195.0	13.6	50.5	10.0	23.7
Target Range - Lower Bound	6.97	19.7	32.4	9.58	5.70	710	2.31	54.5	340	114.5	170.0	9.4	43.2	8.5	20.1
Upper Bound	8.57	24.3	39.7	11.80	6.98	868	2.85	66.7	416	139.5	208	12.5	52.8	11.5	24.7
SY-5															
Target Range - Lower Bound															
Upper Bound															
SY-5	6.97	19.6	18.30	15.15	1.92	214	0.66	22.2	206	52.6	78.3	13.3	29.9	3.0	3310
Target Range - Lower Bound	6.86	18.7	17.75	13.70	1.83	202	0.62	19.95	187.0	49.8	69.0	10.6	28.0	1.4	2790
Upper Bound	8.42	23.1	21.8	16.90	2.25	248	0.78	24.5	229	60.9	84.8	14.1	34.2	3.7	3410
BLANKS															
BLANK															
BLANK															
Target Range - Lower Bound															
Upper Bound															
BLANK															
BLANK															
Target Range - Lower Bound															
Upper Bound															
BLANK															
BLANK															
Target Range - Lower Bound															
Upper Bound															
BLANK	<0.02	<0.1	<0.05	<0.05	<0.01	<0.1	<0.01	<0.05	<0.1	<0.02	<0.2	<0.5	<0.03	<0.5	<0.1

Comments: Mt Polley West Project (Shipment MP23-001)

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

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description / Method / Analyte / Units / LOD	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Ti % 0.01	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 0.5	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 1	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01
STANDARDS															
MA-1b															
Target Range - Lower Bound															
Upper Bound															
OREAS 146	4.0	43.1	894	0.92	9.30	2.61	166	26.5	908	50.1	243	20.2	2.91	27.7	16.95
Target Range - Lower Bound	3.6	42.5	813	0.79	8.90	2.37	140	25.6	814	48.1	205	19.50	2.82	27.5	16.75
Upper Bound	4.6	51.9	993	0.99	10.90	3.01	182	32.4	996	58.9	253	20.7	3.12	29.1	17.85
OREAS 47															
OREAS 47															
Target Range - Lower Bound															
Upper Bound															
OREAS 906															
OREAS 906															
Target Range - Lower Bound															
Upper Bound															
OREAS-101b	2.7	5.03	34.2	0.41	2.69	389	86	18.8	174.0	17.90	430	61.4	10.05	15.00	1.58
Target Range - Lower Bound	2.5	4.82	32.7	0.34	2.38	348	66	16.5	160.0	15.80	378	60.7	9.90	14.90	1.52
Upper Bound	3.3	5.92	40.1	0.43	2.94	426	94	21.3	196.0	19.40	464	63.5	10.65	15.90	1.72
SY-5												50.2	14.25	10.50	7.10
Target Range - Lower Bound												48.9	13.85	10.25	6.83
Upper Bound												51.3	14.85	11.00	7.41
SY-5	1.0	2.21	22.8	1.10	0.72	4.72	145	0.8	53.4	4.51	828	50.2	14.05	10.40	7.01
Target Range - Lower Bound	0.8	2.02	22.6	0.94	0.64	4.53	114	<0.5	50.6	4.15	691	48.9	13.85	10.25	6.83
Upper Bound	1.3	2.50	27.8	1.18	0.81	5.65	150	1.6	62.0	5.13	847	51.3	14.85	11.00	7.41
BLANKS															
BLANK															
BLANK															
Target Range - Lower Bound															
Upper Bound															
BLANK															
BLANK															
Target Range - Lower Bound															
Upper Bound															
BLANK															
BLANK															
Target Range - Lower Bound															
Upper Bound															
BLANK	<0.1	<0.01	<0.05	<0.01	<0.01	<0.05	<5	<0.5	<0.1	<0.03	<1	0.10	<0.01	<0.01	<0.01

Comments: Mt Polley West Project (Shipment MP23-001)

***** 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 West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method Analyte Units LOD	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.002	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	OA-GRA05 LOI % 0.01	TOT-ICP06 Total % 0.01
STANDARDS												
MA-1b												
Target Range - Lower Bound												
Upper Bound												
OREAS 146		6.77	0.28	1.26	0.024	1.44	2.37	0.52	0.37	1.48		91.62
Target Range - Lower Bound		6.59	0.27	1.19	0.017	1.35	2.34	0.49	0.33	1.39		97.99
Upper Bound		7.15	0.35	1.37	0.031	1.53	2.60	0.59	0.41	1.59		>102.00
OREAS 47												
OREAS 47												
Target Range - Lower Bound												
Upper Bound												
OREAS 906												
OREAS 906												
Target Range - Lower Bound												
Upper Bound												
OREAS-101b		2.03	0.07	2.84	0.003	0.62	0.11	0.27	<0.01	0.02		93.99
Target Range - Lower Bound		1.92	0.04	2.77	<0.002	0.58	0.09	0.24	<0.01	<0.01		
Upper Bound		2.16	0.08	3.07	0.009	0.70	0.15	0.30	0.03	0.04		
SY-5		3.25	3.99	4.07	0.020	1.70	0.12	2.00	0.35	0.70		
Target Range - Lower Bound		3.07	3.96	3.98	0.015	1.67	0.10	1.92	0.33	0.66		
Upper Bound		3.40	4.34	4.36	0.029	1.88	0.16	2.16	0.41	0.78		
SY-5		3.13	4.03	4.03	0.021	1.72	0.12	1.94	0.35	0.71		98.57
Target Range - Lower Bound		3.07	3.96	3.98	0.015	1.67	0.10	1.92	0.33	0.66		
Upper Bound		3.40	4.34	4.36	0.029	1.88	0.16	2.16	0.41	0.78		
BLANKS												
BLANK												
BLANK												
Target Range - Lower Bound												
Upper Bound												
BLANK											0.00	
BLANK											0.01	
Target Range - Lower Bound											<0.01	
Upper Bound											0.02	
BLANK												
BLANK												
Target Range - Lower Bound												
Upper Bound												
BLANK		<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01		0.10

Comments: Mt Polley West Project (Shipment MP23-001)

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

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	S-IR08	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W
	Analyte	S	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.0005	0.01	0.001	0.003	0.001	0.01	0.005
BLANKS																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL		0.01														
DUP		0.01														
Target Range - Lower Bound		<0.01														
Upper Bound		0.02														
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ABMPT010		0.01	0.0032	0.131	2.68	6.29	<10	135.5	0.84	0.0908	0.95	0.125	23.0	13.45	47.7	1.235
DUP		<0.01	0.0045	0.141	2.67	6.62	<10	135.0	0.84	0.0938	0.94	0.131	23.5	13.85	49.3	1.300
Target Range - Lower Bound		<0.01	0.0035	0.128	2.53	6.12	<10	124.5	0.79	0.0872	0.89	0.121	22.1	12.95	46.1	1.200
Upper Bound		0.02	0.0042	0.144	2.82	6.79	20	146.0	0.89	0.0974	1.00	0.135	24.4	14.35	50.9	1.335
BRMPT006																
DUP																
Target Range - Lower Bound																
Upper Bound																
LMMPT009			0.0005	0.162	2.15	5.82	<10	144.5	0.54	0.0700	0.35	0.132	11.50	9.73	31.7	1.170
DUP			0.0007	0.148	2.15	6.11	<10	143.0	0.54	0.0695	0.35	0.122	11.00	9.32	30.5	1.130
Target Range - Lower Bound			0.0004	0.146	2.03	5.66	<10	132.5	0.50	0.0658	0.32	0.120	10.70	9.05	29.5	1.090
Upper Bound			0.0008	0.164	2.27	6.27	20	155.0	0.58	0.0737	0.38	0.134	11.80	10.00	32.7	1.215

Comments: Mt Polley West Project (Shipment MP23-001)

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

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.01	0.0002	0.002	0.005	0.002	0.004	0.005	0.01	0.001	0.1	0.01	0.1	0.01	0.001	0.002
BLANKS																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ABMPT010		136.5	3.81	6.26	0.030	0.198	0.078	0.027	0.10	17.20	17.9	0.87	578	0.49	0.020	0.532
DUP		138.0	3.81	6.70	0.029	0.186	0.073	0.032	0.10	17.60	18.1	0.86	573	0.49	0.020	0.589
Target Range - Lower Bound		132.5	3.62	6.15	0.023	0.180	0.066	0.023	0.09	16.55	17.0	0.81	547	0.46	0.018	0.516
Upper Bound		142.0	4.00	6.81	0.036	0.204	0.085	0.036	0.12	18.25	19.0	0.92	604	0.52	0.022	0.605
BRMPT006																
DUP																
Target Range - Lower Bound																
Upper Bound																
LMMPT009		42.0	3.22	6.16	0.021	0.109	0.037	0.025	0.05	5.82	12.6	0.44	285	0.63	0.008	0.928
DUP		40.4	3.22	5.76	0.019	0.096	0.048	0.023	0.05	5.54	12.6	0.44	287	0.60	0.008	0.880
Target Range - Lower Bound		39.7	3.06	5.66	0.014	0.095	0.035	0.018	0.04	5.40	11.9	0.41	272	0.57	0.007	0.834
Upper Bound		42.7	3.38	6.26	0.026	0.110	0.050	0.030	0.06	5.97	13.3	0.47	300	0.66	0.009	0.974

Comments: Mt Polley West Project (Shipment MP23-001)

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

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W
	Analyte	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.04	0.001	0.005	0.001	0.002	0.005	0.0001	0.01	0.005	0.005	0.003	0.01	0.01	0.005	0.003
BLANKS																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ABMPT010		22.8	0.069	6.05	0.002	<0.002	8.13	0.0002	0.01	0.388	12.70	0.107	0.36	58.7	<0.005	0.010
DUP		23.6	0.069	6.37	0.006	<0.002	8.46	0.0006	0.01	0.376	13.15	0.133	0.37	60.3	<0.005	0.011
Target Range - Lower Bound		22.0	0.065	5.89	0.003	<0.002	7.88	0.0003	<0.01	0.348	12.25	0.111	0.34	56.5	<0.005	0.007
Upper Bound		24.4	0.073	6.53	0.005	0.004	8.71	0.0005	0.02	0.416	13.60	0.129	0.39	62.5	0.010	0.014
BRMPT006																
DUP																
Target Range - Lower Bound																
Upper Bound																
LMMPT009		17.95	0.338	5.19	0.003	<0.002	5.08	0.0002	0.01	0.276	4.28	0.080	0.33	29.1	<0.005	0.012
DUP		17.30	0.335	4.98	0.002	<0.002	4.85	0.0001	0.01	0.261	4.13	0.080	0.34	27.5	<0.005	0.012
Target Range - Lower Bound		16.70	0.319	4.83	<0.001	<0.002	4.71	<0.0001	<0.01	0.243	3.99	0.073	0.31	26.9	<0.005	0.008
Upper Bound		18.55	0.354	5.34	0.004	0.004	5.22	0.0002	0.02	0.294	4.42	0.087	0.36	29.7	0.010	0.016

Comments: Mt Polley West Project (Shipment MP23-001)

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

Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ba	Ce	Cr	Cs	Dy	Er
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.002	0.001	0.001	0.001	0.1	0.001	0.003	0.1	0.01	0.5	0.1	5	0.01	0.05	0.03
BLANKS																
BLANK											4.4	<0.1	<5	0.07	<0.05	<0.03
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL											326	66.8	923	1.46	4.32	2.09
DUP											320	67.1	933	1.36	4.41	2.03
Target Range - Lower Bound											306	63.5	877	1.33	4.10	1.93
Upper Bound											340	70.4	979	1.49	4.63	2.19
ABMPT010		2.80	0.062	0.044	0.491	83.6	0.146	18.40	58.0	7.41						
DUP		2.90	0.063	0.048	0.527	86.2	0.146	18.95	58.9	8.07						
Target Range - Lower Bound		2.71	0.058	0.042	0.483	80.6	0.134	17.75	55.4	7.15						
Upper Bound		2.99	0.067	0.050	0.535	89.2	0.158	19.60	61.5	8.33						
BRMPT006											866	59.1	125	5.78	3.85	2.15
DUP											841	58.4	120	5.47	3.62	2.28
Target Range - Lower Bound											810	55.7	111	5.33	3.50	2.07
Upper Bound											897	61.8	134	5.92	3.97	2.36
LMMPT009		1.380	0.081	0.022	0.453	81.3	0.237	3.71	54.7	4.13						
DUP		1.330	0.083	0.022	0.429	79.4	0.242	3.59	53.6	4.02						
Target Range - Lower Bound		1.285	0.077	0.019	0.418	76.2	0.221	3.46	51.3	3.76						
Upper Bound		1.425	0.087	0.025	0.464	84.5	0.258	3.84	57.0	4.39						

Comments: Mt Polley West Project (Shipment MP23-001)

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

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method / Analyte / Units / LOD	ME-MS81 Eu ppm 0.02	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.05	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.1	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.05	ME-MS81 Nd ppm 0.1	ME-MS81 Pr ppm 0.02	ME-MS81 Rb ppm 0.2	ME-MS81 Sc ppm 0.5	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 0.5	ME-MS81 Sr ppm 0.1
BLANKS																
BLANK		<0.02	<0.1	<0.05	<0.05	<0.01	<0.1	<0.01	<0.05	<0.1	<0.02	<0.2	<0.5	<0.03	<0.5	0.1
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		1.88	20.0	5.43	4.27	0.79	33.3	0.22	16.65	35.4	8.24	24.2	36.6	6.97	1.7	377
DUP		1.88	20.6	5.71	4.55	0.78	33.8	0.22	16.45	34.9	7.99	24.1	34.1	7.09	1.7	370
Target Range - Lower Bound		1.77	19.2	5.24	4.14	0.74	31.8	0.20	15.65	33.3	7.69	22.7	33.1	6.65	1.1	355
Upper Bound		1.99	21.4	5.90	4.68	0.83	35.3	0.24	17.45	37.0	8.54	25.6	37.6	7.41	2.3	392
ABMPT010																
DUP																
Target Range - Lower Bound																
Upper Bound																
BRMPT006		1.12	13.2	4.02	6.77	0.73	29.1	0.35	12.35	26.4	6.90	69.8	19.4	5.07	1.3	546
DUP		1.00	12.8	4.11	6.03	0.71	28.7	0.30	12.40	25.3	6.47	68.0	19.7	4.99	1.5	534
Target Range - Lower Bound		0.99	12.3	3.81	6.03	0.67	27.4	0.30	11.70	24.5	6.33	65.3	18.1	4.75	0.8	513
Upper Bound		1.13	13.8	4.32	6.77	0.77	30.4	0.35	13.05	27.2	7.04	72.5	21.0	5.31	2.0	567
LMMPT009																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Mt Polley West Project (Shipment MP23-001)

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

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method / Analyte / Units / LOD	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Ti % 0.01	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 0.5	ME-MS81 Y ppm 0.1	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 1	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01
BLANKS																
BLANK		<0.1	<0.01	<0.05	<0.01	<0.01	<0.05	<5	<0.5	<0.1	<0.03	<1	0.16	<0.01	<0.01	<0.01
BLANK													<0.01	0.01	<0.01	<0.01
Target Range - Lower Bound													<0.01	<0.01	<0.01	<0.01
Upper Bound													0.02	0.02	0.02	0.02
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL													68.7	12.85	3.77	3.18
DUP													68.1	12.75	3.71	3.15
Target Range - Lower Bound													66.7	12.45	3.64	3.08
Upper Bound													70.1	13.15	3.84	3.25
ORIGINAL		0.9	0.73	6.74	0.95	0.27	2.07	280	0.7	20.7	1.72	189	43.5	14.55	11.45	5.16
DUP		0.9	0.77	6.87	0.94	0.26	2.08	280	0.8	20.3	1.80	187	43.0	14.45	11.35	5.12
Target Range - Lower Bound		0.8	0.70	6.41	0.89	0.24	1.92	261	<0.5	19.4	1.64	178	42.2	14.15	11.10	5.00
Upper Bound		1.0	0.80	7.20	1.00	0.29	2.23	299	1.0	21.6	1.88	198	44.3	14.85	11.70	5.28
ABMPT010																
DUP																
Target Range - Lower Bound																
Upper Bound																
BRMPT006		0.8	0.65	6.50	0.61	0.30	2.16	178	2.1	21.0	2.29	273	65.6	13.10	6.00	2.58
DUP		0.7	0.63	6.43	0.61	0.33	2.12	173	2.2	21.0	2.28	246	64.3	12.80	5.93	2.57
Target Range - Lower Bound		0.6	0.60	6.09	0.57	0.29	1.98	162	1.5	19.9	2.14	246	63.3	12.60	5.81	2.50
Upper Bound		0.9	0.68	6.84	0.65	0.34	2.30	189	2.8	22.2	2.43	273	66.6	13.30	6.12	2.65
LMMPT009																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Mt Polley West Project (Shipment MP23-001)

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

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

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06
	Analyte	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOD	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
BLANKS												
BLANK		<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01		0.16
BLANK		<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01		0.01
Target Range - Lower Bound		<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	<0.01		
Upper Bound		0.02	0.02	0.02	0.004	0.02	0.02	0.02	0.02	0.02		
DUPLICATES												
ORIGINAL												
DUP												
Target Range - Lower Bound												
Upper Bound												
ORIGINAL		1.68	5.87	0.66	0.006	0.30	0.07	0.05	0.02	0.02		
DUP		1.66	5.80	0.64	0.006	0.30	0.07	0.05	0.02	0.02		
Target Range - Lower Bound		1.62	5.68	0.62	0.004	0.28	0.06	0.04	<0.01	<0.01		
Upper Bound		1.72	5.99	0.68	0.008	0.32	0.08	0.06	0.03	0.03		
ORIGINAL		5.28	0.85	0.43	0.123	1.53	0.12	0.35	0.04	0.04		
DUP		5.24	0.83	0.43	0.122	1.52	0.12	0.36	0.05	0.04		
Target Range - Lower Bound		5.12	0.81	0.41	0.117	1.48	0.11	0.34	0.03	0.03		
Upper Bound		5.40	0.87	0.45	0.128	1.57	0.13	0.37	0.06	0.05		
ABMPT010											10.65	
DUP											10.60	
Target Range - Lower Bound											10.35	
Upper Bound											10.90	
BRMPT006		1.75	2.38	2.67	0.015	0.91	0.08	0.20	0.06	0.09		
DUP		1.72	2.37	2.62	0.015	0.89	0.08	0.21	0.06	0.09		
Target Range - Lower Bound		1.68	2.31	2.57	0.013	0.87	0.07	0.19	0.05	0.08		
Upper Bound		1.79	2.44	2.72	0.017	0.93	0.09	0.22	0.07	0.10		
LMMPT009												
DUP												
Target Range - Lower Bound												
Upper Bound												

Comments: Mt Polley West Project (Shipment MP23-001)

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

Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	S-IR08	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W
	Analyte	S	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
	Units	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.0005	0.01	0.001	0.003	0.001	0.01	0.005
		DUPLICATES														
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Mt Polley West Project (Shipment MP23-001)

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SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOD	0.01	0.0002	0.002	0.005	0.002	0.004	0.005	0.01	0.001	0.1	0.01	0.1	0.01	0.001	0.002
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Mt Polley West Project (Shipment MP23-001)

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Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W
	Analyte	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.04	0.001	0.005	0.001	0.002	0.005	0.0001	0.01	0.005	0.005	0.003	0.01	0.01	0.005	0.003
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Mt Polley West Project (Shipment MP23-001)

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Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method / Analyte / Units / LOD	ME-MS41W Th ppm 0.002	ME-MS41W Ti % 0.001	ME-MS41W Tl ppm 0.001	ME-MS41W U ppm 0.001	ME-MS41W V ppm 0.1	ME-MS41W W ppm 0.001	ME-MS41W Y ppm 0.003	ME-MS41W Zn ppm 0.1	ME-MS41W Zr ppm 0.01	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.1	ME-MS81 Cr ppm 5	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03
		DUPLICATES														
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Mt Polley West Project (Shipment MP23-001)

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Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Eu	Ga	Gd	Hf	Ho	La	Lu	Nb	Nd	Pr	Rb	Sc	Sm	Sn	Sr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.1	0.05	0.05	0.01	0.1	0.01	0.05	0.1	0.02	0.2	0.5	0.03	0.5	0.1
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Mt Polley West Project (Shipment MP23-001)

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Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	Ta	Tb	Th	Ti	Tm	U	V	W	Y	Yb	Zr	SiO2	Al2O3	Fe2O3	CaO
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%
	LOD	0.1	0.01	0.05	0.01	0.01	0.05	5	0.5	0.1	0.03	1	0.01	0.01	0.01	0.01
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																

Comments: Mt Polley West Project (Shipment MP23-001)

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Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06
	Analyte	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
	Units	%	%	%	%	%	%	%	%	%	%	%
	LOD	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01
DUPLICATES												
ORIGINAL											2.95	
DUP											2.90	
Target Range - Lower Bound											2.84	
Upper Bound											3.01	

Comments: Mt Polley West Project (Shipment MP23-001)

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

Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

QC CERTIFICATE OF ANALYSIS VA24186553

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Applies to Method:			
DRY-22	LOG-22	ME-ICP06	ME-MS41W
ME-MS81	OA-GRA05	SCR-51	S-IR08
TOT-ICP06	WEI-21		

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

Finalized Date: 1-AUG-2024
Account: TELOEX

CERTIFICATE VA24186553

Project: Mt Polley West Project

P.O. No.: MP2024-1

This report is for 38 samples of Till submitted to our lab in Vancouver, BC, Canada on 11-JUL-2024.

The following have access to data associated with this certificate:

VANESSA BEACH	MICHELLE MCKEOUGH	LAURA TENNENT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-51	Screening
DRY-22	Drying - Maximum Temp 60C

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	
S-IR08	Total Sulphur (IR Spectroscopy)	LECO
ME-MS41W	Super Trace Modified Weak AR by 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 *****

Comments: Mt Polley West Project (Shipment MP23-001)

Signature:

Saa Traxler, Director, North Vancouver Operations

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

Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	WEI-21	S-IR08	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W
	Analyte	Recvd Wt.	S	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
	Units	kg	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.0002	0.001	0.01	0.01	10	0.5	0.01	0.0005	0.01	0.001	0.003	0.001	0.01
ABMPT001		4.92	<0.01	0.0034	0.044	1.11	4.00	<10	79.8	0.28	0.0722	0.31	0.054	15.70	6.12	27.2
ABMPT002		3.58	0.01	0.0046	0.158	2.33	12.60	<10	168.5	0.68	0.1100	1.00	0.100	28.1	18.45	45.5
ABMPT003		4.46	<0.01	0.0035	0.111	1.98	4.38	<10	136.5	0.57	0.0908	0.31	0.066	12.35	8.69	38.9
ABMPT004		4.28	<0.01	0.0083	0.037	0.87	2.77	<10	58.4	0.24	0.0438	0.35	0.043	13.90	5.45	23.8
ABMPT005		3.58	<0.01	0.0039	0.053	2.04	9.42	<10	158.5	0.61	0.0980	0.71	0.071	24.5	17.80	62.9
ABMPT006		3.04	<0.01	0.0097	0.041	1.38	6.66	<10	94.5	0.48	0.0616	0.62	0.071	22.6	11.35	36.8
ABMPT007		3.84	<0.01	0.0021	0.023	1.10	5.73	<10	71.1	0.36	0.0537	0.44	0.041	19.65	9.42	35.0
ABMPT008		4.80	<0.01	0.0008	0.031	1.29	6.36	<10	81.5	0.40	0.0541	0.40	0.076	17.50	12.60	47.8
ABMPT009		3.82	<0.01	0.0025	0.039	1.78	5.42	<10	100.5	0.46	0.0701	0.49	0.081	19.25	10.35	38.2
ABMPT010		2.88	0.01	0.0032	0.131	2.68	6.29	<10	135.5	0.84	0.0908	0.95	0.125	23.0	13.45	47.7
ABMPT011		3.36	0.01	0.0021	0.039	1.15	5.90	<10	73.9	0.41	0.0573	0.64	0.099	20.3	11.65	35.3
BRMPT001		2.76	<0.01	0.0012	0.032	0.83	2.41	<10	52.5	0.21	0.0517	0.31	0.036	10.80	4.60	22.2
BRMPT002		3.04	<0.01	0.0071	0.046	1.54	6.02	<10	102.5	0.37	0.0853	0.39	0.052	18.30	10.90	39.8
BRMPT003		3.12	<0.01	0.0033	0.052	1.38	3.68	<10	77.1	0.27	0.0871	0.34	0.036	14.65	7.41	34.9
BRMPT004		3.42	<0.01	0.0031	0.065	1.31	7.26	<10	91.4	0.42	0.0761	0.54	0.083	23.3	12.60	37.2
BRMPT005		4.38	<0.01	0.0031	0.025	1.11	5.97	<10	85.3	0.39	0.0598	0.48	0.042	19.90	9.45	35.7
BRMPT006		2.72	<0.01	0.0023	0.037	1.00	4.47	<10	77.1	0.34	0.0591	0.41	0.068	17.95	9.73	31.3
BRMPT007		2.22	<0.01	0.0037	0.045	1.33	9.87	<10	88.0	0.51	0.0577	0.52	0.061	23.7	12.05	49.8
BRMPT008		2.86	<0.01	0.0060	0.050	1.44	6.07	<10	105.0	0.39	0.0637	0.51	0.073	18.00	10.30	35.6
CCMPT001		3.22	<0.01	0.0044	0.037	1.59	8.20	<10	116.5	0.49	0.1225	0.45	0.076	23.0	11.40	43.8
CCMPT002		4.44	<0.01	0.0011	0.049	1.24	3.10	<10	74.9	0.29	0.0865	0.34	0.033	15.10	6.68	33.1
CCMPT003		3.06	<0.01	0.0015	0.064	1.53	6.29	<10	109.0	0.41	0.0833	0.44	0.087	19.05	9.85	36.8
CCMPT004		2.88	0.01	0.0042	0.105	1.74	6.23	<10	135.0	0.46	0.0696	0.38	0.071	14.00	11.15	39.5
CCMPT005		3.52	<0.01	0.0010	0.087	0.97	4.48	<10	85.4	0.31	0.0813	0.39	0.128	15.50	7.80	27.5
CCMPT006		4.76	<0.01	0.0032	0.039	1.42	5.60	<10	114.0	0.46	0.0698	0.53	0.042	20.7	11.00	36.9
CCMPT007		3.88	<0.01	0.0033	0.040	1.36	3.92	<10	86.8	0.39	0.0731	0.43	0.062	24.7	8.98	35.1
CCMPT008		5.96	0.01	0.0038	0.106	1.45	7.74	<10	117.0	0.50	0.0770	0.54	0.160	25.0	12.30	38.0
CCMPT009		4.16	<0.01	0.0018	0.063	1.61	4.93	<10	106.5	0.38	0.0554	0.43	0.078	11.65	8.70	26.2
CCMPT010		6.12	<0.01	0.0029	0.045	1.55	6.16	<10	96.3	0.33	0.0922	0.44	0.114	19.50	8.59	36.7
LMMPT001		3.70	<0.01	0.0041	0.044	1.15	3.05	<10	76.4	0.26	0.0662	0.32	0.046	15.80	6.31	26.9
LMMPT002		3.28	0.01	0.0014	0.074	1.56	7.75	<10	154.5	0.49	0.0681	0.43	0.092	19.05	12.15	36.3
LMMPT003		4.56	<0.01	0.0017	0.049	1.65	5.66	<10	113.0	0.42	0.0561	0.38	0.081	13.05	10.35	27.4
LMMPT004		4.46	0.01	0.0249	0.084	1.48	4.65	<10	105.5	0.37	0.0722	0.43	0.061	15.15	10.15	35.9
LMMPT005		5.22	<0.01	0.0012	0.138	1.69	6.25	<10	157.5	0.46	0.0910	0.60	0.139	20.3	13.30	40.8
LMMPT006		4.64	<0.01	0.0030	0.084	1.48	4.79	<10	107.0	0.45	0.0689	0.58	0.149	26.1	10.80	36.0
LMMPT007		3.24	<0.01	0.0024	0.043	1.60	6.88	<10	103.0	0.48	0.0446	0.50	0.053	23.5	10.20	36.7
LMMPT008		3.50	<0.01	0.0019	0.072	2.26	5.12	<10	89.3	0.52	0.0634	0.34	0.098	14.95	7.90	28.7
LMMPT009		3.04	0.02	0.0005	0.162	2.15	5.82	<10	144.5	0.54	0.0700	0.35	0.132	11.50	9.73	31.7

Comments: Mt Polley West Project (Shipment MP23-001)

***** 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: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W
	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	0.005	0.01	0.0002	0.002	0.005	0.002	0.004	0.005	0.01	0.001	0.1	0.01	0.1	0.01	0.001
ABMPT001		0.672	24.1	1.900	3.32	0.014	0.038	0.022	0.014	0.04	7.58	10.4	0.40	210	0.35	0.007
ABMPT002		1.580	78.8	3.77	6.81	0.036	0.161	0.122	0.029	0.13	13.45	17.7	1.00	1080	1.12	0.031
ABMPT003		1.615	35.2	2.75	5.63	0.011	0.039	0.049	0.023	0.05	6.53	12.2	0.46	214	0.54	0.008
ABMPT004		1.125	22.3	1.610	2.45	0.014	0.037	0.023	0.009	0.03	7.17	7.3	0.31	174.5	0.28	0.006
ABMPT005		2.90	85.9	4.07	5.91	0.040	0.125	0.161	0.024	0.14	12.75	14.3	0.92	666	0.50	0.014
ABMPT006		1.560	54.4	3.38	4.76	0.035	0.113	0.057	0.020	0.06	10.15	11.8	0.63	463	0.51	0.010
ABMPT007		1.335	36.7	2.82	3.44	0.036	0.054	0.051	0.013	0.06	8.42	9.1	0.47	292	0.46	0.007
ABMPT008		1.350	37.6	3.10	4.04	0.017	0.059	0.073	0.018	0.04	6.98	12.3	0.73	270	0.47	0.006
ABMPT009		1.155	52.5	3.24	5.01	0.022	0.100	0.041	0.017	0.10	7.91	11.8	0.58	365	0.49	0.009
ABMPT010		1.235	136.5	3.81	6.26	0.030	0.198	0.078	0.027	0.10	17.20	17.9	0.87	578	0.49	0.020
ABMPT011		1.105	38.8	2.94	3.77	0.039	0.049	0.047	0.014	0.07	10.40	11.0	0.62	467	0.54	0.007
BRMPT001		0.625	18.70	1.480	2.62	0.017	0.030	0.020	0.011	0.03	5.54	6.7	0.28	168.0	0.32	0.005
BRMPT002		1.165	40.3	2.61	4.39	0.023	0.066	0.050	0.014	0.06	8.93	11.3	0.53	396	0.51	0.007
BRMPT003		0.969	32.0	2.01	4.19	0.020	0.048	0.026	0.016	0.05	7.47	11.0	0.45	218	0.36	0.005
BRMPT004		1.885	48.1	3.12	4.02	0.036	0.083	0.070	0.019	0.08	10.65	9.8	0.54	485	0.55	0.010
BRMPT005		1.860	40.6	2.65	3.62	0.028	0.060	0.086	0.016	0.06	10.65	8.9	0.47	363	0.41	0.008
BRMPT006		2.48	33.1	2.53	3.41	0.024	0.025	0.044	0.018	0.06	8.71	9.7	0.45	351	0.48	0.007
BRMPT007		1.980	59.1	3.38	4.17	0.029	0.070	0.064	0.018	0.05	10.60	10.0	0.65	342	0.48	0.009
BRMPT008		1.810	43.9	3.13	4.35	0.020	0.057	0.053	0.018	0.09	8.86	11.2	0.61	363	0.45	0.011
CCMPT001		0.978	46.8	3.29	4.97	0.033	0.136	0.075	0.026	0.10	11.85	10.0	0.59	489	0.53	0.010
CCMPT002		0.875	27.8	1.800	3.60	0.022	0.039	0.025	0.012	0.05	7.72	9.0	0.41	251	0.36	0.009
CCMPT003		0.925	37.6	3.04	4.52	0.020	0.054	0.029	0.018	0.05	9.31	13.7	0.58	330	0.59	0.008
CCMPT004		1.615	36.2	3.38	4.55	0.018	0.052	0.046	0.020	0.05	6.09	9.3	0.45	324	0.59	0.007
CCMPT005		0.793	26.3	2.42	3.24	0.025	0.055	0.023	0.010	0.06	7.59	10.1	0.44	315	0.53	0.008
CCMPT006		2.29	47.6	2.97	4.18	0.022	0.064	0.061	0.017	0.08	10.45	11.6	0.59	471	0.40	0.012
CCMPT007		1.190	32.8	2.31	4.04	0.028	0.065	0.037	0.012	0.07	11.50	14.7	0.58	323	0.39	0.009
CCMPT008		1.240	57.3	3.24	4.15	0.039	0.081	0.102	0.018	0.08	11.95	11.5	0.64	464	0.61	0.014
CCMPT009		2.29	37.0	2.92	4.35	0.020	0.061	0.035	0.017	0.06	5.97	10.8	0.44	292	0.38	0.010
CCMPT010		0.841	32.8	2.72	4.32	0.019	0.051	0.033	0.018	0.06	9.60	15.2	0.60	323	0.52	0.009
LMMPT001		1.535	23.6	1.910	3.19	0.012	0.028	0.018	0.013	0.05	8.10	10.9	0.42	207	0.39	0.006
LMMPT002		4.04	55.3	3.04	3.83	0.013	0.063	0.076	0.020	0.09	7.42	10.6	0.54	388	0.68	0.009
LMMPT003		1.580	39.6	3.04	4.92	0.017	0.077	0.029	0.018	0.05	4.83	10.8	0.48	347	0.42	0.007
LMMPT004		2.76	36.6	2.36	4.39	0.020	0.041	0.045	0.016	0.07	7.76	12.1	0.55	408	0.50	0.008
LMMPT005		1.440	47.1	3.05	4.94	0.019	0.074	0.078	0.021	0.10	10.20	15.0	0.63	555	0.54	0.012
LMMPT006		1.625	44.5	2.75	4.30	0.032	0.063	0.047	0.018	0.08	12.15	10.3	0.58	462	0.38	0.009
LMMPT007		1.210	57.2	3.03	3.88	0.028	0.099	0.048	0.018	0.05	8.44	9.8	0.58	362	0.39	0.012
LMMPT008		1.440	30.0	2.68	5.58	0.017	0.129	0.034	0.022	0.05	5.63	9.6	0.35	261	0.44	0.007
LMMPT009		1.170	42.0	3.22	6.16	0.021	0.109	0.037	0.025	0.05	5.82	12.6	0.44	285	0.63	0.008

Comments: Mt Polley West Project (Shipment MP23-001)

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To: TERRALOGIC EXPLORATION SERVICES INC.
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SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W
	Analyte	Nb	Ni	P	Pb	Pd	Pt	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.002	0.04	0.001	0.005	0.001	0.002	0.005	0.0001	0.01	0.005	0.005	0.003	0.01	0.01	0.005
ABMPT001		0.463	16.00	0.064	5.01	<0.001	<0.002	5.01	0.0001	<0.01	0.240	2.94	0.065	0.21	26.2	<0.005
ABMPT002		0.443	29.3	0.107	8.58	<0.001	0.002	9.68	0.0011	0.01	0.557	9.67	0.274	0.36	121.5	<0.005
ABMPT003		0.627	20.5	0.103	5.06	<0.001	<0.002	7.72	0.0002	<0.01	0.282	5.13	0.086	0.34	25.2	<0.005
ABMPT004		0.273	10.70	0.069	3.29	0.002	<0.002	3.18	0.0002	<0.01	0.246	2.99	0.034	0.19	24.0	<0.005
ABMPT005		0.225	32.7	0.131	6.03	0.003	<0.002	9.95	0.0001	<0.01	0.530	13.15	0.119	0.33	51.6	<0.005
ABMPT006		0.333	18.00	0.143	5.08	<0.001	<0.002	6.62	0.0002	<0.01	0.360	7.01	0.057	0.31	46.9	<0.005
ABMPT007		0.366	16.95	0.094	3.99	0.006	<0.002	5.08	<0.0001	<0.01	0.503	4.72	0.059	0.23	32.7	<0.005
ABMPT008		0.435	20.1	0.049	4.11	0.001	<0.002	6.01	0.0002	<0.01	0.479	5.78	0.061	0.25	36.1	<0.005
ABMPT009		0.493	21.1	0.122	4.97	0.004	<0.002	6.21	0.0001	<0.01	0.311	5.55	0.063	0.29	44.8	<0.005
ABMPT010		0.532	22.8	0.069	6.05	0.002	<0.002	8.13	0.0002	0.01	0.388	12.70	0.107	0.36	58.7	<0.005
ABMPT011		0.527	17.10	0.177	4.51	0.002	<0.002	5.99	0.0001	<0.01	0.370	4.86	0.067	0.23	47.5	<0.005
BRMPT001		0.362	10.40	0.064	3.15	<0.001	<0.002	3.61	0.0001	<0.01	0.191	2.16	0.035	0.18	20.6	<0.005
BRMPT002		0.366	21.2	0.086	5.17	0.004	<0.002	5.66	0.0002	<0.01	0.358	4.52	0.096	0.24	31.1	<0.005
BRMPT003		0.436	16.70	0.073	4.99	<0.001	<0.002	5.73	0.0001	<0.01	0.281	3.48	0.068	0.27	26.6	<0.005
BRMPT004		0.343	21.0	0.101	5.31	0.001	<0.002	7.28	0.0001	<0.01	0.463	7.40	0.118	0.25	41.5	<0.005
BRMPT005		0.273	16.25	0.102	4.27	0.004	<0.002	5.55	0.0002	<0.01	0.479	7.39	0.079	0.25	36.5	<0.005
BRMPT006		0.490	14.95	0.078	3.90	0.003	<0.002	6.20	0.0001	<0.01	0.440	4.48	0.060	0.23	28.3	<0.005
BRMPT007		0.339	21.9	0.117	4.41	0.001	0.002	5.73	0.0004	<0.01	0.536	10.20	0.078	0.26	43.1	<0.005
BRMPT008		0.531	18.75	0.130	4.33	<0.001	0.002	6.25	0.0002	0.01	0.439	5.38	0.067	0.26	37.9	<0.005
CCMPT001		0.266	26.9	0.076	6.85	0.001	<0.002	8.42	0.0002	<0.01	0.474	8.03	0.125	0.32	38.7	<0.005
CCMPT002		0.451	15.90	0.074	3.86	0.001	<0.002	5.64	0.0001	<0.01	0.240	3.06	0.064	0.21	25.5	<0.005
CCMPT003		0.436	22.8	0.114	5.43	0.001	<0.002	6.24	0.0002	<0.01	0.404	4.63	0.094	0.28	36.2	<0.005
CCMPT004		0.705	20.5	0.154	4.57	<0.001	<0.002	4.63	0.0001	0.01	0.471	4.17	0.087	0.29	28.2	<0.005
CCMPT005		0.458	18.70	0.079	4.98	<0.001	<0.002	6.93	0.0002	<0.01	0.395	3.61	0.076	0.26	27.9	<0.005
CCMPT006		0.385	18.30	0.113	4.79	<0.001	<0.002	7.37	0.0002	<0.01	0.456	7.08	0.048	0.28	39.1	<0.005
CCMPT007		0.281	19.65	0.110	4.95	0.001	<0.002	9.16	0.0001	<0.01	0.251	4.67	0.084	0.24	32.0	<0.005
CCMPT008		0.374	23.0	0.123	5.54	0.003	<0.002	5.84	0.0003	0.01	0.545	7.66	0.120	0.26	43.5	<0.005
CCMPT009		0.541	13.55	0.131	4.47	<0.001	<0.002	5.20	0.0002	0.01	0.342	3.56	0.048	0.24	44.1	<0.005
CCMPT010		0.393	24.3	0.101	5.96	0.002	<0.002	7.00	0.0002	<0.01	0.305	3.99	0.117	0.24	33.4	<0.005
LMMPT001		0.399	15.30	0.073	4.28	0.004	<0.002	6.02	0.0002	<0.01	0.231	2.72	0.047	0.21	22.7	<0.005
LMMPT002		0.654	23.1	0.105	5.04	<0.001	<0.002	6.45	0.0002	<0.01	0.485	6.41	0.126	0.20	32.0	<0.005
LMMPT003		0.591	14.95	0.102	4.89	<0.001	<0.002	5.80	0.0002	<0.01	0.301	3.83	0.052	0.30	34.8	<0.005
LMMPT004		0.599	19.65	0.083	4.53	<0.001	<0.002	7.56	0.0002	<0.01	0.341	4.12	0.065	0.29	32.9	<0.005
LMMPT005		0.739	23.0	0.076	6.02	0.002	<0.002	8.40	0.0003	0.01	0.409	7.31	0.195	0.30	34.8	<0.005
LMMPT006		0.608	18.65	0.105	4.66	<0.001	<0.002	7.23	0.0002	0.01	0.371	8.47	0.121	0.27	43.1	<0.005
LMMPT007		0.460	17.75	0.088	3.82	0.004	<0.002	4.13	0.0001	<0.01	0.305	6.35	0.072	0.25	46.0	<0.005
LMMPT008		0.877	16.65	0.168	4.72	<0.001	<0.002	5.82	0.0002	0.01	0.267	4.19	0.077	0.31	26.3	0.006
LMMPT009		0.928	17.95	0.338	5.19	0.003	<0.002	5.08	0.0002	0.01	0.276	4.28	0.080	0.33	29.1	<0.005

Comments: Mt Polley West Project (Shipment MP23-001)

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Project: Mt Polley West Project

CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS41W	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr	Ba	Ce	Cr	Cs	Dy
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.003	0.002	0.001	0.001	0.001	0.1	0.001	0.003	0.1	0.01	0.5	0.1	5	0.01	0.05
ABMPT001		0.012	1.775	0.065	0.040	0.367	52.2	0.089	4.14	35.8	1.99	805	52.7	119	2.26	3.96
ABMPT002		0.029	2.31	0.066	0.089	1.645	115.5	0.169	14.10	60.0	6.93	839	38.0	92	3.33	3.52
ABMPT003		0.016	1.220	0.064	0.046	0.431	80.6	0.141	5.36	47.4	2.03	768	36.9	125	3.11	3.23
ABMPT004		0.007	1.490	0.056	0.026	0.324	48.4	0.111	4.15	21.0	1.97	735	50.1	124	2.68	4.02
ABMPT005		0.021	3.12	0.067	0.084	0.544	101.5	0.158	12.15	53.6	6.08	740	49.5	153	5.19	4.23
ABMPT006		0.011	2.03	0.098	0.035	0.515	102.5	0.209	7.15	47.2	5.46	976	49.7	119	2.79	3.90
ABMPT007		0.011	1.770	0.078	0.030	0.423	88.0	0.212	5.24	31.9	2.64	852	50.2	126	2.68	3.54
ABMPT008		0.010	1.630	0.070	0.036	0.396	89.6	0.162	3.63	47.2	2.92	876	54.2	147	4.05	3.36
ABMPT009		0.017	1.920	0.088	0.039	0.450	90.9	0.143	5.06	43.9	4.46	961	55.8	123	3.15	3.69
ABMPT010		0.010	2.80	0.062	0.044	0.491	83.6	0.146	18.40	58.0	7.41	795	44.7	112	4.50	5.28
ABMPT011		0.009	1.560	0.071	0.030	0.510	82.0	0.172	7.39	41.0	2.07	930	60.1	128	3.12	4.12
BRMPT001		0.009	1.305	0.055	0.022	0.280	46.4	0.090	3.20	21.6	1.57	765	49.3	104	1.98	3.40
BRMPT002		0.017	2.42	0.076	0.049	0.417	74.2	0.143	4.97	37.6	3.66	856	55.7	128	3.43	3.92
BRMPT003		0.015	1.925	0.075	0.041	0.356	62.1	0.102	3.95	34.3	2.31	827	57.6	116	2.80	3.62
BRMPT004		0.020	2.49	0.070	0.052	0.554	82.2	0.160	8.64	40.4	3.79	860	61.8	127	4.35	4.86
BRMPT005		0.011	2.21	0.071	0.039	0.496	81.4	0.178	7.71	33.2	3.47	893	56.1	116	5.16	4.28
BRMPT006		0.009	1.555	0.068	0.036	0.403	73.4	0.155	4.80	35.9	1.45	866	59.1	125	5.78	3.85
BRMPT007		0.014	2.20	0.076	0.037	0.535	103.5	0.257	7.33	37.4	3.56	939	58.7	163	5.13	4.11
BRMPT008		0.010	1.890	0.079	0.036	0.440	82.2	0.167	5.60	41.9	2.94	916	53.8	123	3.75	3.96
CCMPT001		0.025	2.98	0.086	0.079	0.485	76.2	0.097	8.79	51.0	6.52	818	58.9	118	2.78	4.38
CCMPT002		0.011	1.665	0.071	0.033	0.363	51.9	0.117	4.31	27.9	1.80	791	57.8	129	2.40	3.58
CCMPT003		0.017	1.890	0.072	0.046	0.472	80.0	0.126	5.86	49.5	2.35	972	51.6	126	3.10	3.64
CCMPT004		0.013	1.245	0.066	0.033	0.382	87.4	0.194	4.04	41.9	2.62	888	42.4	144	3.68	2.91
CCMPT005		0.010	1.525	0.078	0.043	0.411	67.2	0.121	5.01	40.3	2.73	1040	47.4	121	2.58	3.48
CCMPT006		0.009	2.21	0.072	0.046	0.491	80.6	0.161	6.39	37.6	3.13	930	54.2	119	5.11	3.59
CCMPT007		0.008	2.98	0.075	0.060	0.499	56.7	0.099	5.92	49.1	3.58	909	74.5	129	3.78	4.40
CCMPT008		0.017	2.46	0.069	0.041	0.480	82.4	0.174	9.07	48.4	3.88	853	59.3	127	3.72	4.32
CCMPT009		0.014	1.205	0.075	0.023	0.368	83.4	0.166	4.30	34.5	2.58	967	44.4	102	4.42	3.25
CCMPT010		0.017	2.59	0.079	0.059	0.426	64.9	0.112	5.01	51.1	2.74	977	62.5	116	2.89	4.05
LMMPT001		0.008	1.710	0.055	0.040	0.334	47.7	0.100	3.72	35.0	1.40	843	57.5	115	4.13	3.59
LMMPT002		0.016	1.640	0.045	0.041	0.412	74.9	0.227	5.46	44.6	3.04	773	48.4	128	7.85	3.18
LMMPT003		0.012	1.195	0.080	0.027	0.381	92.0	0.176	3.31	41.4	3.40	1000	44.2	112	3.01	3.09
LMMPT004		0.012	1.495	0.075	0.041	0.451	78.0	0.136	4.64	40.6	2.08	844	51.5	137	6.56	3.51
LMMPT005		0.016	2.10	0.068	0.054	0.725	76.1	0.140	6.82	51.4	3.25	794	54.7	121	3.65	3.69
LMMPT006		0.010	1.885	0.073	0.042	0.793	72.4	0.161	10.05	40.5	2.67	883	65.9	123	4.20	4.85
LMMPT007		0.010	1.750	0.087	0.026	0.490	92.7	0.166	7.22	34.7	4.27	924	57.2	146	2.76	4.00
LMMPT008		0.014	1.775	0.079	0.031	0.444	78.2	0.226	4.30	49.9	5.78	819	54.9	115	3.08	3.92
LMMPT009		0.012	1.380	0.081	0.022	0.453	81.3	0.237	3.71	54.7	4.13	884	47.5	120	2.83	3.56

Comments: Mt Polley West Project (Shipment MP23-001)

***** 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 West Project

CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Er	Eu	Ga	Gd	Hf	Ho	La	Lu	Nb	Nd	Pr	Rb	Sc	Sm	Sn
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.03	0.02	0.1	0.05	0.05	0.01	0.1	0.01	0.05	0.1	0.02	0.2	0.5	0.03	0.5
ABMPT001		2.35	1.09	13.6	3.97	6.30	0.82	25.5	0.32	11.70	23.7	6.07	60.7	16.2	4.92	1.8
ABMPT002		2.25	1.10	14.6	4.01	3.19	0.72	18.7	0.30	5.89	20.0	4.57	60.7	20.7	4.02	0.9
ABMPT003		1.95	1.02	14.6	3.36	4.91	0.67	19.0	0.29	8.98	18.5	4.46	51.4	18.2	3.84	1.3
ABMPT004		2.46	1.03	11.2	3.80	7.37	0.79	25.5	0.40	11.05	24.1	5.97	53.5	16.5	4.81	1.3
ABMPT005		2.46	1.29	15.4	4.56	4.90	0.85	25.3	0.35	9.28	26.3	6.09	69.2	26.8	5.15	1.2
ABMPT006		2.15	1.12	14.6	3.85	5.26	0.76	24.1	0.34	9.14	23.7	5.45	67.0	20.9	4.59	1.6
ABMPT007		2.22	0.96	12.8	3.78	5.89	0.73	23.8	0.33	10.10	22.2	5.55	63.5	19.6	4.54	1.2
ABMPT008		2.17	0.99	13.0	3.53	6.00	0.67	24.8	0.32	10.10	22.4	5.80	65.4	22.8	4.44	1.2
ABMPT009		2.21	1.06	14.0	3.74	6.11	0.77	25.5	0.33	10.60	24.2	6.13	64.0	21.5	4.52	1.3
ABMPT010		3.08	1.60	14.4	5.51	4.60	1.08	27.9	0.47	7.71	29.0	6.89	63.1	28.6	6.03	1.3
ABMPT011		2.50	1.28	13.0	4.56	6.43	0.80	29.3	0.30	10.50	27.8	7.15	62.0	20.6	5.52	1.3
BRMPT001		2.35	1.00	10.6	3.58	7.27	0.67	24.4	0.30	10.50	22.0	5.65	48.8	17.7	4.16	1.0
BRMPT002		2.51	1.09	13.4	4.10	7.13	0.80	27.3	0.33	11.25	25.7	6.37	63.1	18.6	4.84	1.3
BRMPT003		2.21	1.00	13.4	3.93	7.51	0.76	28.9	0.34	11.95	25.7	6.66	60.9	19.0	4.57	1.5
BRMPT004		2.78	1.33	13.8	4.86	6.58	1.04	29.7	0.40	11.20	28.8	7.03	64.6	23.1	5.39	1.4
BRMPT005		2.47	1.09	13.2	4.62	6.85	0.85	29.0	0.34	11.20	26.4	6.95	67.3	23.0	5.33	1.5
BRMPT006		2.15	1.12	13.2	4.02	6.77	0.73	29.1	0.35	12.35	26.4	6.90	69.8	19.4	5.07	1.3
BRMPT007		2.58	1.23	13.4	4.41	6.75	0.86	28.1	0.30	10.60	26.8	6.65	66.3	27.9	4.88	1.6
BRMPT008		2.43	1.10	14.1	4.34	6.74	0.76	26.4	0.33	10.65	25.6	6.15	64.7	23.3	4.71	1.2
CCMPT001		2.51	1.28	16.0	4.64	6.86	0.85	29.6	0.31	11.80	27.2	7.36	62.8	22.0	5.40	1.5
CCMPT002		2.25	1.06	12.2	4.34	7.65	0.79	29.0	0.32	12.20	25.2	6.76	55.1	18.5	5.10	1.4
CCMPT003		2.16	0.98	14.6	3.80	5.48	0.74	25.4	0.28	10.45	23.7	6.12	68.2	20.1	4.39	1.6
CCMPT004		1.88	0.91	14.0	3.14	5.44	0.61	20.3	0.24	9.91	18.6	4.82	53.3	19.3	3.57	1.4
CCMPT005		1.86	0.93	13.3	3.67	5.00	0.68	22.8	0.25	9.59	22.0	5.66	68.3	19.6	4.28	1.7
CCMPT006		2.21	1.03	14.2	4.14	5.75	0.76	27.4	0.31	10.90	25.8	6.54	72.5	22.6	4.68	1.4
CCMPT007		2.70	1.30	14.8	4.83	7.66	0.88	36.1	0.38	14.20	33.0	8.37	83.5	21.5	5.88	1.8
CCMPT008		2.67	1.31	14.1	4.63	6.30	0.92	28.5	0.34	10.55	28.4	7.08	63.7	22.7	5.14	1.4
CCMPT009		2.09	0.98	13.8	3.76	6.71	0.67	22.2	0.37	10.10	21.1	5.30	63.8	20.7	4.30	1.2
CCMPT010		2.64	1.05	14.9	4.41	6.93	0.85	31.9	0.37	12.45	28.2	7.34	75.5	21.6	5.34	1.6
LMMPT001		2.24	1.02	13.6	4.01	6.26	0.73	29.5	0.32	12.65	26.6	6.87	68.4	18.0	4.71	1.5
LMMPT002		1.87	0.92	12.5	3.52	5.23	0.68	21.9	0.26	9.40	20.3	5.35	56.4	21.6	3.88	1.1
LMMPT003		1.95	0.95	15.2	3.21	5.92	0.66	20.3	0.28	9.36	18.7	4.83	60.4	20.9	3.97	1.5
LMMPT004		2.17	1.08	14.1	4.01	7.44	0.75	25.5	0.28	11.15	23.1	6.14	68.1	20.2	4.85	1.6
LMMPT005		2.33	1.12	13.8	4.14	5.97	0.73	27.3	0.33	10.45	25.3	6.63	59.4	21.3	4.75	1.5
LMMPT006		2.84	1.41	13.6	5.45	7.13	1.03	31.8	0.39	11.00	31.0	7.68	69.3	25.2	6.09	1.5
LMMPT007		2.25	1.22	12.8	4.30	6.09	0.78	25.1	0.32	8.74	24.8	5.81	52.3	26.2	4.33	1.1
LMMPT008		2.44	1.07	14.4	4.21	7.11	0.86	25.5	0.33	10.50	23.6	6.02	50.8	21.7	4.79	1.4
LMMPT009		2.30	1.02	14.4	3.68	6.88	0.72	23.7	0.31	10.25	21.9	5.48	52.2	23.0	3.98	1.4

Comments: Mt Polley West Project (Shipment MP23-001)

***** 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: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-ICP06	ME-ICP06	ME-ICP06
	Analyte	Sr	Ta	Tb	Th	Ti	Tm	U	V	W	Y	Yb	Zr	SiO2	Al2O3	Fe2O3
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOD	0.1	0.1	0.01	0.05	0.01	0.01	0.05	5	0.5	0.1	0.03	1	0.01	0.01	0.01
ABMPT001		383	0.8	0.66	6.20	0.54	0.34	1.95	144	1.7	20.4	2.27	265	69.5	12.90	4.79
ABMPT002		447	0.4	0.59	4.05	0.39	0.31	2.26	196	1.3	20.4	1.99	131	55.1	15.60	7.63
ABMPT003		438	0.6	0.51	4.43	0.55	0.27	1.56	176	1.9	17.7	1.86	201	60.7	14.10	6.08
ABMPT004		498	0.8	0.63	5.45	0.54	0.33	1.95	139	1.7	22.0	2.36	315	71.8	12.05	4.63
ABMPT005		448	0.5	0.70	5.97	0.49	0.35	1.66	198	1.8	22.8	2.51	208	59.1	14.55	7.72
ABMPT006		549	0.6	0.58	5.14	0.56	0.33	1.80	211	1.9	20.9	2.17	228	61.0	14.20	7.25
ABMPT007		553	0.7	0.64	5.20	0.53	0.33	1.89	196	1.7	20.1	2.37	253	63.5	12.85	6.59
ABMPT008		525	0.6	0.54	5.29	0.56	0.27	1.88	194	2.0	18.3	2.10	229	62.9	13.65	7.17
ABMPT009		493	0.6	0.60	5.48	0.58	0.31	1.74	200	1.7	20.2	2.12	238	61.0	14.20	7.10
ABMPT010		447	0.5	0.89	5.13	0.46	0.44	1.37	181	1.8	30.3	3.10	184	54.2	15.30	7.60
ABMPT011		536	0.7	0.67	5.70	0.57	0.33	1.85	195	1.7	22.8	2.41	252	61.8	12.80	6.84
BRMPT001		452	0.7	0.57	5.24	0.52	0.29	1.78	128	1.6	19.1	2.07	277	71.5	11.35	4.30
BRMPT002		426	0.7	0.67	6.62	0.60	0.34	1.92	172	1.8	22.1	2.25	275	65.5	13.35	5.75
BRMPT003		438	0.8	0.61	6.79	0.63	0.29	2.13	149	1.8	20.9	2.26	307	66.7	13.25	4.65
BRMPT004		500	0.8	0.74	6.66	0.60	0.42	2.06	194	1.8	27.5	2.75	254	64.8	13.05	6.82
BRMPT005		556	0.8	0.68	6.03	0.61	0.37	2.02	188	2.0	23.8	2.41	276	66.3	13.30	6.32
BRMPT006		546	0.8	0.65	6.50	0.61	0.30	2.16	178	2.1	21.0	2.29	273	65.6	13.10	6.00
BRMPT007		571	0.7	0.70	6.34	0.62	0.35	2.05	230	2.2	23.1	2.53	270	63.5	13.60	7.81
BRMPT008		525	0.7	0.63	6.10	0.58	0.32	2.15	189	2.1	20.7	2.25	270	63.1	13.15	6.64
CCMPT001		349	0.8	0.68	7.29	0.60	0.35	1.99	167	1.7	23.7	2.37	267	62.4	14.00	6.29
CCMPT002		475	0.8	0.64	6.36	0.62	0.32	2.15	140	2.0	22.0	2.30	295	69.2	12.35	4.47
CCMPT003		458	0.7	0.59	5.54	0.60	0.31	1.73	189	2.1	20.6	2.10	221	64.6	14.00	6.27
CCMPT004		520	0.6	0.47	4.76	0.63	0.27	1.70	201	2.1	16.9	1.74	210	62.6	13.40	7.22
CCMPT005		472	0.7	0.54	5.16	0.55	0.25	1.69	174	2.0	18.6	1.75	199	66.5	12.90	5.98
CCMPT006		540	0.7	0.60	5.84	0.58	0.31	1.89	183	1.9	21.1	2.20	231	62.6	13.80	6.19
CCMPT007		454	0.9	0.73	8.07	0.62	0.38	2.38	155	1.9	24.5	2.58	308	66.4	13.70	5.17
CCMPT008		469	0.7	0.72	6.47	0.56	0.39	1.90	188	1.6	25.4	2.48	245	63.7	13.15	6.55
CCMPT009		508	0.7	0.55	5.13	0.59	0.29	1.95	196	1.9	19.5	2.15	257	61.1	14.05	6.80
CCMPT010		379	0.9	0.68	7.76	0.63	0.33	2.20	175	1.9	23.9	2.22	277	64.2	14.35	5.89
LMMPT001		394	0.9	0.62	6.47	0.59	0.32	2.02	143	1.7	21.0	2.16	247	67.4	12.90	4.60
LMMPT002		437	0.6	0.51	5.19	0.51	0.30	1.63	177	1.9	18.5	1.90	214	61.2	13.50	6.61
LMMPT003		529	0.6	0.53	5.07	0.59	0.27	1.84	218	1.7	17.5	2.04	235	59.9	14.20	7.20
LMMPT004		489	0.7	0.60	5.90	0.64	0.31	2.13	183	2.0	19.6	2.25	294	64.0	13.70	5.76
LMMPT005		414	0.7	0.62	6.18	0.54	0.30	2.14	165	1.7	21.6	2.23	229	61.8	13.65	6.27
LMMPT006		543	0.7	0.88	7.05	0.60	0.39	2.49	182	2.1	28.5	2.74	279	63.1	13.55	6.10
LMMPT007		533	0.6	0.65	5.38	0.56	0.31	1.82	223	1.4	22.0	2.30	235	61.3	13.15	7.41
LMMPT008		436	0.7	0.71	6.47	0.61	0.35	2.09	183	1.8	23.1	2.52	286	60.4	14.15	6.45
LMMPT009		432	0.8	0.59	5.90	0.62	0.32	2.32	198	2.1	20.5	2.01	269	58.5	13.85	7.37

Comments: Mt Polley West Project (Shipment MP23-001)

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To: TERRALOGIC EXPLORATION SERVICES INC.
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SUITE 200
CRANBROOK BC V1C 2R7

Finalized Date: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

CERTIFICATE OF ANALYSIS VA24186553

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06	SCR-51	SCR-51
	Analyte	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total	WT.+63um	WT.-63um
	Units	%	%	%	%	%	%	%	%	%	%	%	%	g	g
	LOD	0.01	0.01	0.01	0.01	0.002	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.1	0.1
ABMPT001		2.16	1.59	2.59	2.17	0.015	0.93	0.06	0.16	0.05	0.10	3.65	100.67	3786	513.9
ABMPT002		2.94	2.64	2.09	2.62	0.013	0.69	0.17	0.25	0.06	0.11	9.46	99.37	2704	95.2
ABMPT003		2.35	1.75	2.44	1.92	0.015	0.95	0.06	0.25	0.05	0.09	7.49	98.25	3471	317.5
ABMPT004		2.78	1.53	2.65	2.24	0.015	0.92	0.06	0.17	0.06	0.09	2.98	101.98	3404	416.7
ABMPT005		2.86	2.45	1.96	2.50	0.020	0.80	0.12	0.31	0.05	0.09	7.06	99.59	2811	199.8
ABMPT006		3.00	2.00	2.72	2.88	0.014	0.94	0.10	0.32	0.07	0.12	4.35	98.96	2140	410.0
ABMPT007		2.96	1.78	2.59	2.71	0.015	0.88	0.08	0.22	0.06	0.10	3.76	98.10	3015	293.1
ABMPT008		3.08	2.54	2.39	2.69	0.022	0.91	0.08	0.14	0.06	0.10	4.73	100.46	3466	473.1
ABMPT009		2.93	2.09	2.46	2.57	0.016	0.88	0.09	0.28	0.06	0.10	5.47	99.25	2954	319.8
ABMPT010		3.55	2.66	1.81	2.43	0.016	0.74	0.12	0.18	0.05	0.09	10.65	99.40	2301	164.2
ABMPT011		3.41	2.23	2.43	2.71	0.016	0.87	0.10	0.40	0.06	0.10	5.23	99.00	2212	542.6
BRMPT001		2.67	1.51	2.60	1.98	0.014	0.82	0.06	0.16	0.05	0.08	3.05	100.14	2261	204.1
BRMPT002		2.12	1.72	2.31	2.16	0.015	0.87	0.08	0.21	0.05	0.09	4.88	99.11	2404	284.6
BRMPT003		2.09	1.52	2.47	2.12	0.014	0.92	0.06	0.18	0.05	0.09	4.48	98.59	2290	436.1
BRMPT004		2.96	1.99	2.36	2.45	0.015	0.88	0.10	0.25	0.05	0.09	4.26	100.08	2660	312.0
BRMPT005		2.70	1.72	2.46	2.63	0.014	0.92	0.08	0.25	0.06	0.10	3.94	100.79	3201	506.8
BRMPT006		2.58	1.75	2.38	2.67	0.015	0.91	0.08	0.20	0.06	0.09	4.11	99.55	1921.0	398.6
BRMPT007		3.07	2.24	2.39	2.75	0.020	0.91	0.09	0.29	0.06	0.10	4.59	101.42	1603.0	291.3
BRMPT008		2.94	2.06	2.36	2.60	0.015	0.86	0.08	0.30	0.05	0.10	4.90	99.16	1993.0	376.8
CCMPT001		1.92	1.66	2.24	2.03	0.015	0.91	0.08	0.17	0.04	0.09	6.27	98.12	2515	291.4
CCMPT002		2.48	1.62	2.56	2.04	0.016	0.90	0.07	0.17	0.05	0.09	3.97	99.99	3064	812.8
CCMPT003		2.25	1.92	2.47	2.47	0.015	0.90	0.07	0.27	0.05	0.11	4.86	100.26	2204	464.7
CCMPT004		2.37	1.67	2.34	2.25	0.017	0.93	0.07	0.37	0.05	0.10	7.09	100.48	2029	408.2
CCMPT005		2.68	1.92	2.68	2.64	0.015	0.83	0.07	0.19	0.05	0.11	3.64	100.21	2845	334.7
CCMPT006		2.61	1.87	2.33	2.78	0.014	0.86	0.09	0.26	0.06	0.10	5.08	98.64	3287	413.0
CCMPT007		2.36	1.90	2.26	2.64	0.015	0.91	0.07	0.25	0.04	0.10	3.71	99.53	2776	621.6
CCMPT008		2.92	2.12	2.30	2.41	0.015	0.83	0.09	0.28	0.05	0.09	4.77	99.28	4582	414.4
CCMPT009		3.20	1.93	2.46	2.75	0.012	0.88	0.09	0.30	0.05	0.11	5.63	99.36	2789	728.6
CCMPT010		2.23	1.90	2.37	2.48	0.014	0.91	0.07	0.23	0.04	0.11	4.53	99.32	4042	826.8
LMMPT001		2.08	1.60	2.34	2.32	0.015	0.90	0.06	0.18	0.05	0.09	3.66	98.20	2630	584.7
LMMPT002		2.71	2.04	2.15	2.22	0.018	0.81	0.09	0.26	0.05	0.09	7.57	99.32	2768	229.2
LMMPT003		3.17	2.07	2.55	2.55	0.013	0.88	0.09	0.25	0.06	0.11	5.61	98.65	3711	397.6
LMMPT004		2.85	2.10	2.25	2.43	0.017	0.95	0.10	0.22	0.05	0.09	5.18	99.70	3558	352.2
LMMPT005		2.83	2.05	2.19	2.33	0.017	0.89	0.11	0.19	0.05	0.09	7.10	99.57	3880	344.7
LMMPT006		2.89	1.96	2.32	2.57	0.015	0.87	0.09	0.27	0.06	0.09	5.75	99.64	3069	435.7
LMMPT007		3.85	2.58	2.45	2.49	0.018	0.82	0.10	0.21	0.06	0.10	4.33	98.87	2332	465.1
LMMPT008		3.24	1.96	2.39	2.13	0.016	0.91	0.09	0.37	0.04	0.09	6.61	98.85	2153	705.3
LMMPT009		3.18	2.16	2.29	2.24	0.014	0.90	0.09	0.79	0.04	0.10	10.35	101.87	2010	421.4

Comments: Mt Polley West Project (Shipment MP23-001)

***** 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: 1-AUG-2024
Account: TELOEX

Project: Mt Polley West Project

CERTIFICATE OF ANALYSIS VA24186553

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

DRY-22	LOG-22	ME-ICP06	ME-MS41W
ME-MS81	OA-GRA05	SCR-51	S-IR08
TOT-ICP06	WEI-21		

Exploring Heavy Minerals

Overburden Drilling Management Limited
Unit 107, 15 Capella Court
Nepean, Ontario, Canada, K2E 7X1
Tel: (613) 226-1771 Fax: (613) 226-8753
odm@storm.ca www.odm.ca

Laboratory Data Report

Client Information

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

lem@terralogicexploration.com mm@terralogicexploration.com

Attention: Laura Tennent Michelle McKeough

Data-File Information

Date:	September 16, 2024
Project name:	Mount Polley West
ODM batch number:	3337
Sample numbers:	ABMPT001 to ABMPT011, BRMPT001 to BRMPT008, CCMPT001
Data file:	20243337- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Number of samples in this report:	20
Number of samples processed to date:	20
Total number of samples in project:	38

Preliminary data:	
Final data:	X
Revised data:	

Samples Processed For: Gold, PCIM

Processing Specifications:

1. Submitted by client: Till samples.
2. One ±300 g archival split taken from each sample.
3. All samples panned for gold, zircons and fine-grained metallic indicator minerals.
4. -0.25 mm pan concentrates vialed.
5. +0.25 mm shaking table concentrates refined by heavy liquid separation at S.G. 2.8 and 3.2 to obtain mid-density and heavy mineral concentrates (MDCs and HMCs).
6. 0.25-2.0 mm S.G. 2.8 to 3.2 and >3.2 nonferromagnetic MDCs and HMCs picked for porphyry Cu indicator minerals.
7. 1.0-2.0, 0.5-1.0 mm and nonparamagnetic (>1.0 amp) 0.25-0.5 mm HMC fractions examined for scheelite by UV lamping.

Notes

Mike Crawford
Laboratory Manager

Primary Sample Processing Weights and Descriptions

Client: Terralogic Exploration Inc.
File Name: 20243338- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Weight (kg wet)					Screening and Shaking Table Sample Descriptions												
							Clasts (+2.0 mm)				Matrix (-2.0 mm)							
							Percentage				Distribution					Colour		
Sample Number	Bulk Rec'd	Archived Split	Table Split	+2.0 mm Clasts	-2.0 mm Table Feed	Size	V/S	GR	LS	OT*	S/U	SD	ST	CY	ORG	SD	CY	Class
ABMPT001	13.9	0.3	13.6	1.3	12.3	P	95	TR	0	5	U	+	Y	-	N	LOC	LOC	TILL
ABMPT002	10.3	0.3	10.0	1.1	8.9	P	90	5	0	5	U	Y	Y	Y	N	LOC	LOC	TILL
ABMPT003	16.0	0.3	15.7	1.9	13.8	P	90	TR	0	10	U	+	Y	-	N	LOC	LOC	TILL
ABMPT004	12.4	0.3	12.1	1.0	11.1	P	95	TR	0	5	U	+	Y	-	N	LOC	LOC	TILL
ABMPT005	15.3	0.3	15.0	1.6	13.4	P	85	15	0	0	U	+	Y	-	N	LOC	LOC	TILL
ABMPT006	13.5	0.3	13.2	0.6	12.6	P	95	TR	0	5	U	+	Y	-	N	LOC	LOC	TILL
ABMPT007	14.9	0.3	14.6	0.6	14.0	P	90	5	0	5	U	+	Y	-	N	LOC	LOC	TILL
ABMPT008	15.9	0.3	15.6	0.9	14.7	P	80	15	0	5	U	+	Y	-	N	LOC	LOC	TILL
ABMPT009	9.5	0.3	9.2	0.7	8.5	P	80	15	0	5	U	+	Y	-	N	OC	OC	TILL
ABMPT010	7.8	0.3	7.5	0.6	6.9	P	80	15	0	5	U	+	Y	-	N	LOC	LOC	TILL
ABMPT011	9.3	0.3	9.0	0.8	8.2	P	80	10	0	10	U	+	Y	-	N	OC	OC	TILL
BRMPT001	11.1	0.3	10.8	0.8	10.0	P	80	10	0	10	U	+	Y	-	N	LOC	LOC	TILL
BRMPT002	17.6	0.3	17.3	1.0	16.3	P	80	10	0	10	U	+	Y	-	N	LOC	LOC	TILL
BRMPT003	11.1	0.3	10.8	0.5	10.3	P	80	10	0	10	U	+	Y	-	N	LOC	LOC	TILL
BRMPT004	13.7	0.3	13.4	0.8	12.6	P	80	15	0	5	U	+	Y	-	N	DOC	DOC	TILL
BRMPT005	14.2	0.3	13.9	2.4	11.5	P	90	5	0	5	U	+	Y	-	N	DOC	DOC	TILL
BRMPT006	9.6	0.3	9.3	1.7	7.6	P	80	10	0	10	U	+	Y	-	N	DOC	DOC	TILL
BRMPT007	10.5	0.3	10.2	0.5	9.7	P	80	15	0	5	U	+	Y	-	N	DOC	DOC	TILL
BRMPT008	10.3	0.3	10.0	0.4	9.6	P	95	5	0	TR	U	+	Y	-	N	DOC	DOC	TILL
CCMPT001	12.2	0.3	11.9	0.5	11.4	P	90	10	0	TR	U	+	Y	-	N	DOC	DOC	TILL

*Clasts listed as OT are Quartz.

Gold Grain Summary

Client: Terralogic Exploration Inc.
File Name: 20243338- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Number of Visible Gold Grains				Nonmag HMC	Calculated PPB Visible Gold in HMC			
Sample Number	Total	Reshaped	Modified	Pristine	Weight*	Total	Reshaped	Modified	Pristine
ABMPT001	5	1	3	1	49.2	30	<1	30	<1
ABMPT002	2	2	0	0	35.6	1	1	0	0
ABMPT003	10	8	2	0	55.2	59	17	41	0
ABMPT004	2	2	0	0	44.4	9	9	0	0
ABMPT005	3	2	0	1	53.6	2	1	0	1
ABMPT006	7	6	0	1	50.4	17	15	0	1
ABMPT007	8	5	0	3	56.0	8	8	0	<1
ABMPT008	6	3	3	0	58.8	22	17	5	0
ABMPT009	2	1	1	0	34.0	21	4	17	0
ABMPT010	6	5	1	0	27.6	7	5	3	0
ABMPT011	6	5	0	1	32.8	174	174	0	<1
BRMPT001	6	6	0	0	40.0	4	4	0	0
BRMPT002	8	6	2	0	65.2	95	92	3	0
BRMPT003	2	2	0	0	41.2	25	25	0	0
BRMPT004	42	28	7	7	50.4	56	46	8	2
BRMPT005	7	3	2	2	46.0	11	5	6	<1
BRMPT006	5	1	4	0	30.4	27	1	27	0
BRMPT007	14	9	2	3	38.8	10	5	4	<1
BRMPT008	3	3	0	0	38.4	1	1	0	0
CCMPT001	6	4	2	0	45.6	154	153	1	0

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 0.4% of the table feed.

Detailed Gold Grain Data

Client: Terralogic Exploration Inc.
File Name: 20243338- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

Sample Number	Dimensions (µm) Thickness		Width	Length	Number of Visible Gold Grains Reshaped	Modified	Pristine	Total	Nonmag HMC Weight* (g)	Calculated V.G. Assay in HMC (ppb)	Metallic Minerals in Pan Concentrate
ABMPT001	3	C	15	15		1	1	2		<1	Tr (1 grain) cinnabar (25 µm).
	5	C	25	25	1			1		<1	
	8	C	25	50		1		1		1	
	20	C	75	125		1		1		29	
								5	49.2	31	
ABMPT002	5	C	25	25	2			2		1	No sulphides.
								2	35.6	1	
ABMPT003	3	C	15	15	1			1		<1	No sulphides.
	5	C	25	25	2			2		1	
	8	C	25	50	1			1		1	
	13	C	25	100		1		1		4	
	10	C	50	50	3	1		4		14	
	22	C	100	125		1		1		38	
								10	55.2	59	
ABMPT004	10	C	50	50	2			2		9	No sulphides.
								2	44.4	9	
ABMPT005	5	C	25	25	2			2		1	No sulphides.
	8	C	25	50			1	1		1	
								3	53.6	2	
ABMPT006	5	C	25	25	3			3		1	No sulphides.
	8	C	25	50			1	1		1	
	10	C	25	75	1			1		3	
	10	C	50	50	1			1		4	
	13	C	50	75	1			1		7	
								7	50.4	17	
ABMPT007	3	C	15	15	1		3	4		<1	Tr (3 grains) cinnabar (25 µm).
	5	C	25	25	3			3		1	
	13	C	50	75	1			1		6	
								8	56.0	8	
ABMPT008	5	C	25	25	1	1		2		1	Tr (10 grains) cinnabar (25-50 µm).
	8	C	25	50		1		1		1	
	10	C	50	50		1		1		3	
	13	C	50	75	1			1		6	
	15	C	75	75	1			1		11	
								6	58.8	22	
ABMPT009	10	C	25	75	1			1		4	Tr (3 grains) cinnabar (15-25 µm).
	15	C	50	100		1		1		17	
								2	34.0	21	
ABMPT010	3	C	15	15	2			2		<1	Tr (3 grains) cinnabar (15-25 µm).
	5	C	25	25	2			2		2	
	8	C	25	50	1	1		2		5	
								6	27.6	7	
ABMPT011	3	C	15	15			1	1		<1	No sulphides.
	5	C	25	25	4			4		3	
	50	M	100	150	1			1		171	
								6	32.8	175	

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 0.4% of the table feed.

Detailed Gold Grain Data

Client: Terralogic Exploration Inc.
File Name: 20243338- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

Sample Number	Dimensions (µm)				Number of Visible Gold Grains				Nonmag HMC Weight* (g)	Calculated V.G. Assay in HMC (ppb)	Metallic Minerals in Pan Concentrate
	Thickness		Width	Length	Reshaped	Modified	Pristine	Total			
BRMPT001	3	C	15	15	1			1		<1	No sulphides.
	5	C	25	25	4			4		2	
	8	C	25	50	1			1		2	
								6	40.0	4	
BRMPT002	3	C	15	15	1			1		<1	No sulphides.
	5	C	25	25	1			1		<1	
	8	C	25	50	2	1		3		3	
	10	C	25	75		1		1		2	
	10	C	50	50	1			1		3	
	50	M	100	150	1			1		86	
								8	65.2	95	
BRMPT003	5	C	25	25	1			1		1	No sulphides.
	18	C	75	100	1			1		24	
								2	41.2	25	
BRMPT004	3	C	15	15	10	1	5	16		2	Tr (2 grains) cinnabar (50 µm).
	5	C	25	25	9	3	1	13		6	
	8	C	25	50	4	2	1	7		10	
	10	C	50	50	2	1		3		11	
	13	C	50	75	2			2		14	
	15	C	75	75	1			1		13	
								42	50.4	56	
BRMPT005	3	C	15	15			2	2		<1	Tr (2 grains) cinnabar (25-50 µm).
	5	C	25	25	1			1		1	
	8	C	25	50	1	1		2		3	
	10	C	25	75	1			1		3	
	10	C	50	50		1		1		4	
								7	46.0	11	
BRMPT006	5	C	25	25	1	1		2		2	No sulphides.
	8	C	25	50		2		2		5	
	15	C	75	75		1		1		21	
								5	30.4	27	
BRMPT007	3	C	15	15	3		3	6		1	Tr (6 grains) cinnabar (25 µm).
	5	C	25	25	5	1		6		4	
	8	C	25	50	1			1		2	
	10	C	25	75		1		1		4	
								14	38.8	10	
BRMPT008	3	C	15	15	2			2		<1	No sulphides.
	5	C	25	25	1			1		1	
								3	38.4	1	
CCMPT001	5	C	25	25	1	2		3		2	Tr (2 grains) cinnabar (25 µm).
	8	C	25	50	1			1		2	
	22	C	100	125	1			1		46	
	29	C	125	175	1			1		105	
								6	45.6	154	

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 0.4% of the table feed.

Zircon Separates

Client: Terralogic Exploration Inc.
File Name: 20243338- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Zircon Grains in Pan Concentrate		
	Number		
Sample Number	Estimated Total	Picked	Size Range (µm)
ABMPT001	500	0	25-150
ABMPT002	500	0	25-250
ABMPT003	1500	0	25-250
ABMPT004	2000	0	25-250
ABMPT005	1000	0	25-250
ABMPT006	1000	0	25-250
ABMPT007	1000	0	25-250
ABMPT008	1500	0	25-250
ABMPT009	1000	0	25-250
ABMPT010	1000	0	25-150
ABMPT011	2000	0	25-150
BRMPT001	3000	0	25-250
BRMPT002	2000	0	25-100
BRMPT003	3000	0	25-300
BRMPT004	5000	0	25-250
BRMPT005	3000	0	25-300
BRMPT006	2000	0	25-200
BRMPT007	4000	0	25-250
BRMPT008	3000	0	25-250
CCMPT001	5000	0	25-300

Heavy Mineral Concentrate Processing Weights

Client: Terralogic Exploration Inc.
File Name: 20243338- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Weight of -2.0 mm Table Concentrate (g)																
			0.25-2.0 mm Heavy Liquid Separation at S.G 2.8 and 3.2														
								Nonferromagnetic Fraction at S.G 2.8 to 3.2				Nonferromagnetic Fraction at S.G >3.2					
													Processed Split				
													Total				
Sample Number	Total	-0.25 mm	Total	Lights S.G <2.8	HMC S.G.>2.8	-0.25 mm (wash)	Mag HMC	Total	0.25 to 0.5 mm	0.5 to 1.0 mm	1.0 to 2.0 mm	Total	%	Weight	0.25 to 0.5 mm	0.5 to 1.0 mm	1.0 to 2.0 mm
ABMPT001	810.9	630.9	180.0	111.8	68.2	14.0	5.6	20.7	12.5	6.7	1.5	27.9	71.7	20.0	15.2	4.2	0.6
ABMPT002	989.3	424.4	564.9	506.6	58.3	15.7	7.5	23.8	11.8	8.6	3.4	11.3	100.0	11.3	9.3	1.7	0.3
ABMPT003	1381.1	829.6	551.5	394.0	157.5	36.9	19.2	42.8	26.2	11.7	4.9	58.6	34.1	20.0	15.8	3.7	0.5
ABMPT004	846.0	571.1	274.9	193.4	81.5	18.3	9.3	20.7	10.0	7.5	3.2	33.2	60.2	20.0	15.9	3.6	0.5
ABMPT005	1279.0	896.3	382.7	272.4	110.3	20.3	11.5	33.1	17.8	10.8	4.5	45.4	44.1	20.0	16.4	3.2	0.4
ABMPT006	1446.9	761.9	685.0	546.8	138.2	35.9	17.8	33.2	18.2	11.0	4.0	51.3	39.0	20.0	16.3	3.4	0.3
ABMPT007	1560.2	926.0	634.2	488.7	145.5	33.1	12.7	40.3	20.3	14.7	5.3	59.4	33.7	20.0	15.5	4.1	0.4
ABMPT008	1315.9	789.6	526.3	317.6	208.7	46.6	13.3	50.0	22.7	19.3	8.0	98.8	20.2	20.0	15.1	4.3	0.6
ABMPT009	934.5	566.9	367.6	314.0	53.6	11.4	5.8	14.9	8.6	4.4	1.9	21.5	100.0	21.5	17.6	3.6	0.3
ABMPT010	1053.7	648.1	405.6	326.8	78.8	17.1	8.6	24.3	12.8	7.5	4.0	28.8	69.4	20.0	16.6	3.1	0.3
ABMPT011	1528.4	776.7	751.7	596.1	155.6	28.2	12.7	62.2	25.9	21.6	14.7	52.5	38.1	20.0	14.2	4.8	1.0
BRMPT001	1364.3	897.2	467.1	381.1	86.0	14.2	5.1	28.9	15.3	8.9	4.7	37.8	52.9	20.0	15.9	3.6	0.5
BRMPT002	1473.7	1057.9	415.8	286.7	129.1	41.1	10.8	28.2	19.7	6.8	1.7	49.0	40.8	20.0	15.8	3.8	0.4
BRMPT003	1563.6	985.3	578.3	514.7	63.6	13.0	5.2	20.7	11.0	5.7	4.0	24.7	100.0	24.7	20.3	3.8	0.6
BRMPT004	1158.3	935.5	222.8	99.3	123.5	28.2	18.3	19.0	12.4	4.8	1.8	58.0	34.5	20.0	15.9	3.8	0.3
BRMPT005	975.6	831.7	143.9	74.1	69.8	13.4	9.7	14.5	9.0	3.8	1.7	32.2	62.1	20.0	15.9	3.6	0.5
BRMPT006	956.8	797.5	159.3	105.8	53.5	12.7	7.5	11.9	7.0	3.3	1.6	21.4	100.0	21.4	16.8	4.1	0.5
BRMPT007	1320.3	1025.6	294.7	179.1	115.6	30.8	10.8	25.3	15.7	6.6	3.0	48.7	41.1	20.0	15.7	3.8	0.5
BRMPT008	792.9	644.5	148.4	92.9	55.5	12.4	8.5	10.3	5.6	3.2	1.5	24.3	100.0	24.3	19.5	4.4	0.4
CCMPT001	1069.1	728.2	340.9	282.8	58.1	11.9	8.5	15.5	9.4	4.4	1.7	22.2	100.0	22.2	17.5	4.2	0.5

S.G. >3.2 Porphyry Cu Indicator Mineral Counts

Client: Terralogic Exploration Inc.
File Name: 20243338- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Proportion (Volume %) and Number of 0.25-0.5 mm Grains in Host Paramagnetic Susceptibility (amperage) Fraction (<1.0 amp = paramagnetic; >1.0 amp = nonparamagnetic)																							
	Mineralization Minerals							Alteration Minerals													Geochron Minerals			
	Hypogene			Supergene				Hypogene																
	>1.0 amp			>1.0 amp			<1.0 amp	>1.0 amp												<1.0 amp	>1.0 amp			
Sample Number	Pyrite	Cu-Zn-Pb-Mo-As-Sb-Bi-minerals	Sn-W Oxides	Marc	Cu-Zn-Pb-Mo-As-Sb-Bi-minerals	Mn-Oxides	Gth	Ba	Mn-epidote	Grs	Tm	Blond Ttn	Rose Zir	Ky/Sil	Corundum	Diaspore	Red Rutile	Low-Cr Diopside	Other	Adr*	Ap	Zir	Remarks	Picked Grains
ABMPT001	Tr (2 gr)	0	0	0	0	0	Tr	0	Tr (2 gr)	0	0	0	0	Tr	Tr sapphire (1 gr)	0	Tr (7 gr)	Tr (1 gr)	Tr chromite (7 gr)	0	0	Tr (2 gr)	Augite/diopside-epidote assemblage. SEM checks from 0.5-1.0 mm fraction: 2 chromite candidates = 2 chromite. SEM checks from 0.25-0.5 mm fraction: 1 sapphire corundum versus kyanite candidate = 1 sapphire; and 7 chromite candidates = 7 chromite.	0.5-1.0 mm fraction: 2 chromite 0.25-0.5 mm fraction: 1 sapphire corundum 7 chromite
ABMPT002	0	0	0	0	0	0	Tr	0	0	0	0	0	0	Tr	0	0	0	Tr (~20 gr)	Tr chromite (~10 gr)	0	0	Tr (5 gr)	Augite-hematite/diopside assemblage. SEM checks from 0.25-0.5 mm fraction: 3 chromite candidates = 3 Cr-spinel (counted as chromite).	0.25-0.5 mm fraction: 3 representative chromite
ABMPT003	0	0	0	0	0	0	Tr	0	Tr (3 gr)	0	Tr	0	0	3	Tr sapphire (1 gr)	0	Tr (8 gr)	Tr (~10 gr)	Tr chromite (~20 gr)	0	0	Tr (4 gr)	Augite-almandine/diopside-epidote assemblage.	0.5-1.0 mm fraction: 1 chromite 0.25-0.5 mm fraction: 1 sapphire corundum 5 representative chromite
ABMPT004	0	0	0	0	0	0	Tr	0	Tr (1 gr)	0	0	0	0	1	0	0	Tr (3 gr)	Tr (~15 gr)	Tr chromite (~150 gr)	0	0	Tr (3 gr)	Augite/diopside assemblage.	
ABMPT005	0	0	0	0	0	0	Tr	0	Tr (5 gr)	0	0	0	0	0.5	0	0	Tr (3 gr)	Tr (~30 gr)	Tr chromite (5 gr)	0	0	Tr (6 gr)	Augite/diopside assemblage.	0.25-0.5 mm fraction: 5 Mn-epidote 3 red rutile 5 chromite
ABMPT006	0	0	0	0	0	0	Tr	0	Tr (1 gr)	0	0	0	0	Tr	0	0	Tr (5 gr)	Tr (~10 gr)	Tr chromite (~20 gr)	0	0	Tr (5 gr)	Augite/diopside assemblage.	
ABMPT007	0	0	0	0	0	0	Tr	0	Tr (1 gr)	0	0	0	0	0.5	0	0	0	Tr (3 gr)	Tr chromite (~10 gr)	0	Tr (~20 gr)	0	Augite-hematite/diopside assemblage.	0.5-1.0 mm fraction: 1 Mn-epidote 0.25-0.5 mm fraction: 1 Mn-epidote 5 representative chromite

*Andradite includes spessartine.

S.G. >3.2 Porphyry Cu Indicator Mineral Counts

Client: Terralogic Exploration Inc.
File Name: 20243338- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Proportion (Volume %) and Number of 0.25-0.5 mm Grains in Host Paramagnetic Susceptibility (amperage) Fraction (<1.0 amp = paramagnetic; >1.0 amp = nonparamagnetic)																							
	Mineralization Minerals							Alteration Minerals													Geochron Minerals			
	Hypogene			Supergene				Hypogene																
	>1.0 amp			>1.0 amp			<1.0 amp	>1.0 amp												<1.0 amp	>1.0 amp			
Sample Number	Pyrite	Cu-Zn-Pb-Mo-As-Sb-Bi-minerals	Sn-W Oxides	Marc	Cu-Zn-Pb-Mo-As-Sb-Bi-minerals	Mn-Oxides	Gth	Ba	Mn-epidote	Grs	Tm	Blond Ttn	Rose Zir	Ky/Sil	Corundum	Diaspore	Red Rutile	Low-Cr Diopside	Other	Adr*	Ap	Zir	Remarks	Picked Grains
ABMPT008	Tr (2 gr)	0	0	0	0	0	Tr	0	0	0	0	0	0	Tr	0	0	Tr (4 gr)	Tr (8 gr)	Tr chromite (~10 gr)	0	0	0	Augite/diopside assemblage.	
ABMPT009	Tr (6 gr)	0	0	0	0	0	Tr	0	Tr (1 gr)	0	0	0	0	2	0	0	Tr (3 gr)	Tr (6 gr)	Tr chromite (~40 gr)	0	0	Tr (2 gr)	Augite/diopside assemblage.	
ABMPT010	0	0	0	0	0	0	Tr	0	0	0	0	0	0	0.5	0	0	Tr (1 gr)	Tr (3 gr)	Tr chromite (2 gr)	0	Tr (~10 gr)	Tr (2 gr)	Augite-hematite/diopside assemblage.	
ABMPT011	0	0	0	0	0	0	Tr	0	Tr (1 gr)	0	0	0	0	2	0	0	0	Tr (~20 gr)	Tr chromite (~10 gr)	0	0	Tr (~15 gr)	Augite-hematite-almandine/diopside assemblage.	0.25-0.5 mm fraction: 1 Mn-epidote
BRMPT001	0	0	0	0	0	0	Tr	0	Tr (2 gr)	0	Tr	0	0	1	0	0	Tr (1 gr)	Tr (7 gr)	Tr chromite (~30 gr)	0	0	Tr (6 gr)	Augite-hematite-almandine/diopside assemblage.	0.25-0.5 mm fraction: 2 Mn-epidote
BRMPT002	0	0	0	0	0	0	Tr	0	Tr (2 gr)	0	0	0	0	0.5	0	0	Tr (~20 gr)	Tr (~15 gr)	Tr chromite (~80 gr)	Tr (4 gr)	0	Tr (5 gr)	Augite-almandine/diopside assemblage. SEM checks from 0.25-0.5 mm fraction: 4 andradite versus almandine candidates = 4 andradite.	0.25-0.5 mm fraction: 4 andradite
BRMPT003	0	0	0	0	0	0	Tr	0	Tr (5 gr)	0	0	0	0	5	0	0	Tr (~15 gr)	Tr (~20 gr)	Tr chromite (~60 gr)	0	0	Tr (~12 gr)	Augite-almandine/diopside assemblage. SEM checks from 0.25-0.5 mm fraction: 5 spessartine versus almandine candidates = 5 staurolite.	0.25-0.5 mm fraction: 5 Mn-epidote 5 representative red rutile 5 representative staurolite
BRMPT004	0	0	0	0	0	0	Tr	0	Tr (1 gr)	0	0	0	0	1	0	0	Tr (~3 gr)	Tr (5 gr)	Tr chromite (~60 gr)	0	0	Tr (2 gr)	Augite/diopside assemblage. SEM checks from 0.25-0.5 mm fraction: 4 sapphire corundum versus kyanite candidates = 4 kyanite.	0.25-0.5 mm fraction: 4 kyanite

*Andradite includes spessartine.

S.G. >3.2 Porphyry Cu Indicator Mineral Counts

Client: Terralogic Exploration Inc.
File Name: 20243338- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Proportion (Volume %) and Number of 0.25-0.5 mm Grains in Host Paramagnetic Susceptibility (amperage) Fraction (<1.0 amp = paramagnetic; >1.0 amp = nonparamagnetic)																							
	Mineralization Minerals							Alteration Minerals													Geochron Minerals			
	Hypogene			Supergene				Hypogene																
	>1.0 amp			>1.0 amp			<1.0 amp	>1.0 amp												<1.0 amp	>1.0 amp			
Sample Number	Pyrite	Cu-Zn-Pb-Mo-As-Sb-Bi-minerals	Sn-W Oxides	Marc	Cu-Zn-Pb-Mo-As-Sb-Bi-minerals	Mn-Oxides	Gth	Ba	Mn-epidote	Grs	Tm	Blond Ttn	Rose Zir	Ky/Sil	Corundum	Diaspore	Red Rutile	Low-Cr Diopside	Other	Adr*	Ap	Zir	Remarks	Picked Grains
BRMPT005	0	0	0	0	0	0	Tr	0	Tr (8 gr)	0	0	0	0	1	0	0	Tr (3 gr)	Tr (2 gr)	Tr chromite (~20 gr)	Tr (4 gr)	0	Tr (1 gr)	Augite-hematite/diopside assemblage. SEM checks from 0.25-0.5 mm fraction: 4 andradite versus almandine candidates = 4 andradite.	0.25-0.5 mm fraction: 4 andradite
BRMPT006	0	0	0	0	0	0	0	0	Tr (4 gr)	Tr	0	0	0	1	Tr sapphire (1 gr)	0	Tr (3 gr)	Tr (3 gr)	Tr chromite (~60 gr)	Tr (3 gr)	0	0	Augite/diopside assemblage.	0.25-0.5 mm fraction: 1 sapphire corundum 3 andradite
BRMPT007	0	0	0	0	0	0	0	0	Tr (3 gr)	Tr	0	0	0	0.5	0	0	Tr (1 gr)	Tr (~15 gr)	Tr chromite (~20 gr)	0	0	Tr (~15 gr)	Augite/diopside assemblage.	0.25-0.5 mm fraction: 3 Mn-epidote 1 red rutile
BRMPT008	0	0	0	0	0	0	0	0	Tr (10 gr)	Tr	0	0	0	0.5	0	0	Tr (4 gr)	Tr (3 gr)	Tr chromite (30 gr)	0	Tr (2 gr)	Tr (2 gr)	Augite-hematite/diopside assemblage.	
CCMPT001	0	0	0	0	0	0	0	0	Tr (3 gr)	Tr	0	0	0	0.5	0	0	Tr (~20 gr)	Tr (5 gr)	Tr chromite (~30 gr)	0	0	Tr (~10 gr)	Augite-hematite-almandine/diopside assemblage.	

*Andradite includes spessartine.

S.G. 2.8-3.2 Porphyry Cu Indicator Mineral Counts

Client: Terralogic Exploration Inc.
File Name: 20243338- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Proportion (Volume %) and Number of Grains in 0.25-0.5 mm Fraction						
			Major Sulphates				
Sample Numbr	Cu Minerals	Misc. Prime porphyry Cu Indicators	Jarosite	Alunite	Tourmaline	Remarks	Picked Grains
ABMPT001	0	0	0	0	Tr (~30 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
ABMPT002	0	0	0	0	Tr (~20 gr)		0.25-0.5 mm fraction: 3 representative tourmaline
ABMPT003	0	0	0	0	Tr (~200 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
ABMPT004	0	0	0	0	Tr (~40 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
ABMPT005	0	0	0	0	Tr (~30 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
ABMPT006	0	0	0	0	Tr (~20 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
ABMPT007	0	0	0	0	Tr (~100 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
ABMPT008	0	0	0	0	Tr (~150 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
ABMPT009	0	0	Tr (2 gr)	0	Tr (~60 gr)	SEM checks from 0.25-0.5 mm fraction: 3 jarosite candidates = 2 jarosite and 1 leucoxene.	0.25-0.5 mm fraction: 2 jarosite 1 leucoxene resembling jarosite 5 representative tourmaline
ABMPT010	0	0	0	0	Tr (~25 gr)		0.25-0.5 mm fraction: 5 representative tourmaline

S.G. 2.8-3.2 Porphyry Cu Indicator Mineral Counts

Client: Terralogic Exploration Inc.
File Name: 20243338- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Proportion (Volume %) and Number of Grains in 0.25-0.5 mm Fraction						
			Major Sulphates				
Sample Numbr	Cu Minerals	Misc. Prime porphyry Cu Indicators	Jarosite	Alunite	Tourmaline	Remarks	Picked Grains
ABMPT011	0	0	0	0	Tr (~80 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
BRMPT001	0	0	Tr (1 gr)	0	Tr (~300 gr)	SEM check from 0.25-0.5 mm fraction: 1 jarosite candidate = 1 jarosite.	0.25-0.5 mm fraction: 1 jarosite 5 representative tourmaline
BRMPT002	0	0	0	0	Tr (~150 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
BRMPT003	0	0	0	0	Tr (~200 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
BRMPT004	0	0	Tr (3 gr)	0	Tr (~30 gr)	SEM checks from 0.25-0.5 mm fraction: 3 jarosite candidates = 3 jarosite.	0.25-0.5 mm fraction: 3 jarosite 5 representative tourmaline
BRMPT005	0	0	0	0	Tr (~50 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
BRMPT006	0	0	0	0	Tr (~60 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
BRMPT007	0	0	0	0	Tr (~30 gr)		0.25-0.5 mm fraction: 5 representative tourmaline

S.G. 2.8-3.2 Porphyry Cu Indicator Mineral Counts

Client: Terralogic Exploration Inc.
File Name: 20243338- Terralogic- MPW - (PCIM) - Sept 16, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Proportion (Volume %) and Number of Grains in 0.25-0.5 mm Fraction						
			Major Sulphates				
Sample Numbr	Cu Minerals	Misc. Prime porphyry Cu Indicators	Jarosite	Alunite	Tourmaline	Remarks	Picked Grains
BRMPT008	0	0	0	0	Tr (~20 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
CCMPT001	0	0	Tr (2 gr)	0	Tr (~30 gr)	SEM checks from 0.25-0.5 mm fraction: 2 jarosite candidates = 2 jarosite.	0.25-0.5 mm fraction: 2 jarosite 5 representative tourmaline

Exploring Heavy Minerals

Overburden Drilling Management Limited
Unit 107, 15 Capella Court
Nepean, Ontario, Canada, K2E 7X1
Tel: (613) 226-1771 Fax: (613) 226-8753
odm@storm.ca www.odm.ca

Laboratory Data Report

Client Information

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

lem@terralogicexploration.com mm@terralogicexploration.com

Attention: Laura Tennent Michelle McKeough

Data-File Information

Date:	September 19, 2024
Project name:	Mount Polley West
ODM batch number:	3338
Sample numbers:	CCMPT002 to CCMPT010, LMMPT001 to LMMPT009
Data file:	20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Number of samples in this report:	18
Number of samples processed to date:	38
Total number of samples in project:	38

Preliminary data:	
Final data:	X
Revised data:	

Samples Processed For: Gold, PCIM

Processing Specifications:

1. Submitted by client: Till samples.
2. One ±300 g archival split taken from each sample.
3. All samples panned for gold, zircons and fine-grained metallic indicator minerals.
4. -0.25 mm pan concentrates vialed.
5. +0.25 mm shaking table concentrates refined by heavy liquid separation at S.G. 2.8 and 3.2 to obtain mid-density and heavy mineral concentrates (MDCs and HMCs).
6. 0.25-2.0 mm S.G. 2.8 to 3.2 and >3.2 nonferromagnetic MDCs and HMCs picked for porphyry Cu indicator minerals.
7. 1.0-2.0, 0.5-1.0 mm and nonparamagnetic (>1.0 amp) 0.25-0.5 mm HMC fractions examined for scheelite by UV lamping.

Notes

Mike Crawford
Laboratory Manager

Primary Sample Processing Weights and Descriptions

Client: Terralogic Exploration Inc.
File Name: 20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Weight (kg wet)					Screening and Shaking Table Sample Descriptions												
							Clasts (+2.0 mm)					Matrix (-2.0 mm)						
							Percentage					Distribution					Colour	
Sample Number	Bulk Rec'd	Archived Split	Table Split	+2.0 mm Clasts	-2.0 mm Table Feed	Size	V/S	GR	LS	OT*	S/U	SD	ST	CY	ORG	SD	CY	Class
CCMPT002	12.8	0.3	12.5	0.7	11.8	P	85	10	0	5	U	+	Y	-	N	LOC	LOC	TILL
CCMPT003	11.0	0.3	10.7	0.8	9.9	P	85	10	0	5	U	+	Y	-	N	LOC	LOC	TILL
CCMPT004	8.9	0.3	8.6	0.9	7.7	P	95	5	0	TR	U	+	Y	-	N	OC	OC	TILL
CCMPT005	10.1	0.3	9.8	0.5	9.3	P	95	5	0	TR	U	+	Y	-	N	LOC	LOC	TILL
CCMPT006	13.1	0.3	12.8	0.7	12.1	P	85	10	0	5	U	Y	Y	Y	N	LOC	LOC	TILL
CCMPT007	16.6	0.3	16.3	1.5	14.8	P	85	10	0	5	U	Y	Y	Y	N	LOC	LOC	TILL
CCMPT008	22.1	0.3	21.8	2.0	19.8	P	90	10	0	TR	U	+	Y	-	N	LOC	LOC	TILL
CCMPT009	17.4	0.3	17.1	1.5	15.6	P	100	TR	0	TR	U	+	Y	-	N	OC	OC	TILL
CCMPT010	23.2	0.3	22.9	0.9	22.0	P	100	TR	0	TR	U	Y	Y	Y	N	OC	OC	TILL
LMMPT001	12.4	0.3	12.1	0.6	11.5	P	100	TR	0	TR	U	+	Y	-	N	LOC	LOC	TILL
LMMPT002	12.9	0.3	12.6	2.8	9.8	P	95	5	0	TR	U	+	Y	-	N	OC	OC	TILL
LMMPT003	13.7	0.3	13.4	1.4	12.0	P	100	TR	0	TR	U	+	Y	-	N	OC	OC	TILL
LMMPT004	15.2	0.3	14.9	1.6	13.3	P	100	TR	0	TR	U	+	Y	-	N	LOC	LOC	TILL
LMMPT005	15.0	0.3	14.7	1.3	13.4	P	90	10	0	TR	U	Y	Y	Y	N	LOC	LOC	TILL
LMMPT006	18.4	0.3	18.1	1.2	16.9	P	90	10	0	TR	U	+	Y	-	N	LOC	LOC	TILL
LMMPT007	12.4	0.3	12.1	0.6	11.5	P	100	TR	0	TR	U	+	Y	-	N	OC	OC	TILL
LMMPT008	14.4	0.3	14.1	0.8	13.3	P	100	0	0	TR	U	+	Y	-	N	OC	OC	TILL
LMMPT009	12.7	0.3	12.4	0.8	11.6	P	100	0	0	TR	U	+	Y	-	N	OC	OC	TILL

*Clasts listed as OT are Quartz.

Gold Grain Summary

Client: Terralogic Exploration Inc.
File Name: 20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Number of Visible Gold Grains				Nonmag HMC	Calculated PPB Visible Gold in HMC			
Sample Number	Total	Reshaped	Modified	Pristine	Weight*	Total	Reshaped	Modified	Pristine
CCMPT002	7	5	2	0	47.2	147	25	122	0
CCMPT003	6	3	3	0	39.6	5	1	4	0
CCMPT004	2	2	0	0	30.8	51	51	0	0
CCMPT005	6	3	2	1	37.2	4	3	1	<1
CCMPT006	8	5	2	1	48.4	24	23	1	<1
CCMPT007	15	10	4	1	59.2	40	37	3	<1
CCMPT008	89	54	20	15	79.2	160	109	36	15
CCMPT009	32	28	2	2	62.4	288	283	3	2
CCMPT010	24	22	2	0	88.0	131	119	12	0
LMMPT001	30	23	5	2	46.0	179	173	6	<1
LMMPT002	6	4	2	0	39.2	1424	10	1414	0
LMMPT003	9	7	2	0	48.0	15	8	8	0
LMMPT004	7	7	0	0	53.2	35	35	0	0
LMMPT005	6	3	3	0	53.6	9	3	5	0
LMMPT006	9	7	2	0	67.6	227	7	220	0
LMMPT007	21	16	4	1	46.0	45	43	2	1
LMMPT008	32	28	4	0	53.2	276	273	3	0
LMMPT009	28	23	5	0	46.4	33	31	2	0

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 0.4% of the table feed.

Detailed Gold Grain Data

Client: Terralogic Exploration Inc.
File Name: 20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

Sample Number	Dimensions (µm) Thickness		Width	Length	Number of Visible Gold Grains Reshaped	Modified	Pristine	Total	Nonmag HMC Weight* (g)	Calculated V.G. Assay in HMC (ppb)	Metallic Minerals in Pan Concentrate
CCMPT002	3	C	15	15	1			1		<1	No sulphides.
	5	C	25	25	1			1		1	
	10	C	25	75	1	1		2		6	
	13	C	50	75	1			1		8	
	15	C	75	75	1			1		14	
	50	M	100	150		1		1		119	
								7	47.2	147	
CCMPT003	3	C	15	15	2			2		<1	Tr (4 grains) cinnabar (25 µm).
	5	C	25	25	1	1		2		1	
	8	C	25	50		2		2		4	
								6	39.6	5	
CCMPT004	8	C	25	50	1			1		2	Tr (2 grains) cinnabar (25 µm).
	20	C	100	100	1			1		49	
								2	30.8	51	
CCMPT005	3	C	15	15	1	1	1	3		<1	Tr (5 grains) cinnabar (25 µm).
	5	C	25	25	1	1		2		1	
	8	C	25	50	1			1		2	
								6	37.2	4	
CCMPT006	3	C	15	15	1		1	2		<1	No sulphides.
	5	C	25	25	1	2		3		2	
	8	C	25	50	1			1		1	
	13	C	50	75	1			1		7	
	15	C	75	75	1			1		13	
								8	48.4	24	
CCMPT007	3	C	15	15		1	1	2		<1	No sulphides.
	5	C	25	25	3	1		4		2	
	8	C	25	50	1	2		3		4	
	10	C	25	75	1			1		2	
	10	C	50	50	1			1		3	
	13	C	50	75	3			3		18	
	15	C	75	75	1			1		11	
								15	59.2	40	
CCMPT008	3	C	15	15	10	2		12		1	Tr (~20 grains) galena (25-150 µm).
	5	C	25	25	23	11	5	39		12	
	8	C	25	50	11	2	8	21		19	
	10	C	25	75	1	3	1	5		9	
	10	C	50	50	2			2		5	
	13	C	50	75	2		1	3		14	
	15	C	50	100	2			2		14	
	15	C	75	75	1			1		8	
	18	C	75	100		2		2		25	
	20	C	75	125	1			1		18	
	25	C	100	150	1			1		35	
								89	79.2	160	
CCMPT009	3	C	15	15	3			3		<1	No sulphides.
	5	C	25	25	14	1		15		6	
	8	C	25	50	5		2	7		8	
	10	C	25	75	1	1		2		5	
	10	C	50	50	1			1		3	
	15	C	75	75	1			1		10	
	20	C	75	125	1			1		23	
	25	M	100	100	1			1		30	
	75	M	150	150	1			1		203	
								32	62.4	288	

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 0.4% of the table feed.

Detailed Gold Grain Data

Client: Terralogic Exploration Inc.
File Name: 20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

Sample Number	Dimensions (µm) Thickness		Width	Length	Number of Visible Gold Grains Reshaped	Modified	Pristine	Total	Nonmag HMC Weight* (g)	Calculated V.G. Assay in HMC (ppb)	Metallic Minerals in Pan Concentrate
CCMPT010	3	C	15	15	4			4		<1	No sulphides.
	5	C	25	25	6	1		7		2	
	8	C	25	50	7			7		6	
	10	C	50	50	1			1		2	
	13	C	50	75	3			3		12	
	18	C	75	100		1		1		11	
	38	C	100	300	1			1		97	
								24	88.0	131	
LMMPT001	3	C	15	15	3	3	2	8		1	No sulphides.
	5	C	25	25	11			11		6	
	8	C	25	50	2	1		3		5	
	10	C	50	50		1		1		4	
	15	C	50	100	2			2		25	
	15	C	75	75	1			1		14	
	18	C	75	100	3			3		65	
	25	C	100	150	1			1		60	
								30	46.0	179	
LMMPT002	3	C	15	15	2			2		<1	No sulphides.
	10	C	50	50	2			2		10	
	15	C	50	100		1		1		15	
	50	M	225	650		1		1		1399	
								6	39.2	1424	
LMMPT003	3	C	15	15	1	1		2		<1	No sulphides.
	5	C	25	25	3			3		2	
	8	C	25	50	2			2		3	
	10	C	25	75	1			1		3	
	13	C	50	75		1		1		7	
								9	48.0	15	
LMMPT004	5	C	25	25	2			2		1	No sulphides.
	8	C	25	50	1			1		1	
	10	C	50	50	1			1		4	
	13	C	50	75	1			1		7	
	15	C	50	100	1			1		11	
	15	C	75	75	1			1		12	
								7	53.2	35	
LMMPT005	5	C	25	25	1	1		2		1	No sulphides.
	8	C	25	50	2	1		3		4	
	10	C	50	50		1		1		4	
								6	53.6	9	
LMMPT006	3	C	15	15	3			3		<1	No sulphides.
	5	C	25	25	2			2		1	
	10	C	50	50	1			1		3	
	10	C	50	50	1			1		3	
	15	C	75	75		1		1		9	
	42	C	150	300		1		1		211	
								9	67.6	227	
LMMPT007	3	C	15	15	4	1		5		1	Tr (4 grains) cinnabar (25-50 µm).
	5	C	25	25	4	3	1	8		4	
	8	C	25	50	4			4		6	
	10	C	50	50	1			1		4	
	13	C	50	75	2			2		16	
	15	C	75	75	1			1		14	
								21	46.0	45	

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 0.4% of the table feed.

Detailed Gold Grain Data

Client: Terralogic Exploration Inc.
File Name: 20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

Sample Number	Dimensions (µm) Thickness		Width	Length	Number of Visible Gold Grains Reshaped	Modified	Pristine	Total	Nonmag HMC Weight* (g)	Calculated V.G. Assay in HMC (ppb)	Metallic Minerals in Pan Concentrate
LMMPT008	3	C	15	15	13			13		1	No sulphides.
	5	C	25	25	6	3		9		4	
	8	C	25	50	2	1		3		4	
	10	C	50	50	3			3		11	
	15	C	50	100	1			1		11	
	15	C	75	75	1			1		12	
	18	C	75	100	1			1		19	
	38	C	200	200	1			1		214	
								32	53.2	276	
LMMPT009	3	C	15	15	8	2		10		1	Tr (5 grains) cinnabar (15-50 µm).
	5	C	25	25	7	3		10		5	
	8	C	25	50	4			4		6	
	10	C	50	50	3			3		12	
	13	C	50	75	1			1		8	
								28	46.4	33	

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 0.4% of the table feed.

Zircon Separates

Client: Terralogic Exploration Inc.
File Name: 20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Zircon Grains in Pan Concentrate		
	Number		
Sample Number	Estimated Total	Picked	Size Range (µm)
CCMPT002	3000	0	25-250
CCMPT003	2000	0	25-150
CCMPT004	1000	0	25-250
CCMPT005	2000	0	25-250
CCMPT006	25000	0	25-300
CCMPT007	5000	0	25-300
CCMPT008	4000	0	25-200
CCMPT009	5000	0	25-200
CCMPT010	2000	0	25-150
LMMPT001	5000	0	25-150
LMMPT002	4000	0	25-150
LMMPT003	3000	0	25-200
LMMPT004	20000	0	25-250
LMMPT005	5000	0	25-150
LMMPT006	5000	0	25-150
LMMPT007	2000	0	25-200
LMMPT008	2000	0	25-150
LMMPT009	800	0	25-150

Heavy Mineral Concentrate Processing Weights

Client: Terralogic Exploration Inc.
File Name: 20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Weight of -2.0 mm Table Concentrate (g)																
			0.25-2.0 mm Heavy Liquid Separation at S.G 2.8 and 3.2														
								Nonferromagnetic Fraction at S.G 2.8 to 3.2				Nonferromagnetic Fraction at S.G >3.2					
													Processed Split				
													Total				
Sample Number	Total	-0.25 mm	Total	Lights S.G <2.8	HMC S.G.>2.8	-0.25 mm (wash)	Mag HMC	Total	0.25 to 0.5 mm	0.5 to 1.0 mm	1.0 to 2.0 mm	Total	%	Weight	0.25 to 0.5 mm	0.5 to 1.0 mm	1.0 to 2.0 mm
CCMPT002	1064.9	802.8	262.1	207.3	54.8	12.2	4.8	11.4	5.7	3.6	2.1	26.4	75.8	20.0	16.0	3.5	0.5
CCMPT003	1126.2	744.1	382.1	320.2	61.9	15.7	8.6	11.9	6.3	4.2	1.4	25.7	77.8	20.0	16.0	3.7	0.3
CCMPT004	1131.2	698.9	432.3	331.0	101.3	42.1	10.6	18.5	11.5	5.6	1.4	30.1	66.4	20.0	15.1	4.3	0.6
CCMPT005	1039.2	772.5	266.7	200.7	66.0	20.6	8.4	10.1	6.8	2.5	0.8	26.9	74.3	20.0	16.8	3.0	0.2
CCMPT006	1171.6	1004.8	166.8	101.7	65.1	18.8	8.5	9.5	5.4	3.0	1.1	28.3	70.7	20.0	16.1	3.6	0.3
CCMPT007	1194.3	1046.8	147.5	84.2	63.3	20.7	4.0	8.7	4.3	2.8	1.6	29.9	66.9	20.0	16.6	3.2	0.2
CCMPT008	1127.3	785.9	341.4	281.8	59.6	15.5	9.4	17.1	7.0	7.1	3.0	17.6	100.0	17.6	14.2	3.2	0.2
CCMPT009	1348.2	711.1	637.1	547.0	90.1	32.9	17.0	18.8	8.6	7.0	3.2	21.4	100.0	21.4	16.6	4.1	0.7
CCMPT010	1047.7	716.9	330.8	299.1	31.7	8.5	5.8	7.1	4.3	2.0	0.8	10.3	100.0	10.3	8.6	1.5	0.2
LMMPT001	1278.9	887.3	391.6	321.1	70.5	17.8	6.9	18.0	10.5	5.6	1.9	27.8	71.9	20.0	16.9	2.8	0.3
LMMPT002	770.6	479.2	291.4	205.8	85.6	17.2	17.7	17.7	9.2	6.1	2.4	33.0	60.6	20.0	15.0	4.5	0.5
LMMPT003	1161.3	685.7	475.6	371.6	104.0	22.6	19.7	20.9	11.2	6.8	2.9	40.8	49.0	20.0	16.3	3.3	0.4
LMMPT004	892.0	667.8	224.2	118.1	106.1	37.0	9.7	14.8	7.6	4.0	3.2	44.6	44.8	20.0	16.2	3.4	0.4
LMMPT005	1122.1	1024.7	97.4	52.0	45.4	10.0	6.6	6.0	4.0	1.3	0.7	22.8	100.0	22.8	20.0	2.6	0.2
LMMPT006	1019.3	806.2	213.1	130.1	83.0	21.6	10.8	16.8	10.1	4.6	2.1	33.8	59.2	20.0	16.9	2.9	0.2
LMMPT007	806.4	649.7	156.7	86.9	69.8	12.6	13.4	11.1	6.3	3.2	1.6	32.7	61.2	20.0	17.6	2.3	0.1
LMMPT008	769.5	558.9	210.6	157.5	53.1	18.3	7.7	11.2	7.1	3.1	1.0	15.9	100.0	15.9	13.7	2.1	0.1
LMMPT009	1052.6	651.2	401.4	282.5	118.9	37.8	18.3	21.3	10.6	7.2	3.5	41.5	48.2	20.0	15.9	3.7	0.4

S.G. >3.2 Porphyry Cu Indicator Mineral Counts

Client: Terralogic Exploration Inc.
File Name: 20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Proportion (Volume %) and Number of 0.25-0.5 mm Grains in Host Paramagnetic Susceptibility (amperage) Fraction (<1.0 amp = paramagnetic; >1.0 amp = nonparamagnetic)																								
	Mineralization Minerals							Alteration Minerals														Geochron Minerals			
	Hypogene			Supergene				Hypogene																	
	>1.0 amp			>1.0 amp			<1.0 amp	>1.0 amp												<1.0 amp		>1.0 amp			
Sample Number	Pyrite	Cu-Zn-Pb-Mo-As-Sb-Bi-minerals	Sn-W Oxides	Marc	Cu-Zn-Pb-Mo-As-Sb-Bi-minerals	Mn-Oxides	Gth	Ba	Mn-epidote	Grs	Tm	Blond Ttn	Rose Zir	Ky/Sil	Corundum	Diaspore	Red Rutile	Low-Cr Diopside	Other	Adr*	Ap	Zir	Remarks	Picked Grains
CCMPT002	0	0	0	0	0	0	0	0	Tr (1 gr)	0	0	0	0	4	0	0	Tr (~15 gr)	Tr (~10 gr)	Tr chromite (~15 gr)	0	0	Tr (8 gr)	Augite-almandine/diopside assemblage.	0.25-0.5 mm fraction: 1 Mn-epidote 5 representative red rutile
CCMPT003	0	0	0	0	0	0	Tr	0	Tr (5 gr)	0	0	0	0	Tr	0	0	Tr (3 gr)	Tr (1 gr)	Tr chromite (~10 gr)	0	0	Tr (8 gr)	Augite-hematite/diopside assemblage.	0.25-0.5 mm fraction: 5 Mn-epidote 5 representative chromite
CCMPT004	Tr (1 gr)	0	0	0	0	0	Tr	0	0	0	0	0	0	1	0	0	Tr (4 gr)	Tr (2 gr)	Tr gahnite (1 gr); Tr chromite (~15 gr)	0	Tr (1 gr)	Tr (7 gr)	Augite-almandine/diopside assemblage. SEM checks from 0.25-0.5 mm fraction: 1 blue-green gahnite versus spinel candidate = 1 gahnite; and 1 blue spinel versus apatite candidate = 1 apatite.	0.25-0.5 mm fraction: 1 gahnite 1 apatite
CCMPT005	0	0	0	0	0	0	Tr	0	0	0	0	0	0	Tr	0	0	Tr (4 gr)	0	Tr florencite (1 gr)	0	0	0	Augite-hematite/diopside assemblage. SEM check from 0.25-0.5 mm fraction: 1 plumbogummite versus florencite candidate = 1 florencite.	0.25-0.5 mm fraction: 1 florencite
CCMPT006	0	0	0	0	0	0	Tr	0	Tr (1 gr)	0	0	0	0	0.5	0	0	Tr (1 gr)	Tr (5 gr)	Tr chromite (~15 gr)	0	0	Tr (5 gr)	Augite-hematite/diopside assemblage.	
CCMPT007	Tr (2 gr)	0	0	0	0	0	Tr	0	Tr (1 gr)	0	0	0	0	2	0	0	Tr (~15 gr)	Tr (4 gr)	Tr gahnite (3 gr); Tr chromite (~20 gr)	0	0	Tr (3 gr)	Augite-almandine/diopside assemblage. SEM checks from 0.25-0.5 mm fraction: 3 blue-green gahnite versus spinel candidates = 3 gahnite.	0.25-0.5 mm fraction: 3 gahnite
CCMPT008	0	0	0	0	0	0	Tr	0	Tr (2 gr)	0	0	0	0	2	0	0	Tr (3 gr)	Tr (~15 gr)	Tr chromite (~40 gr)	0	0	Tr (5 gr)	Augite-almandine/diopside assemblage.	

*Andradite includes spessartine.

S.G. >3.2 Porphyry Cu Indicator Mineral Counts

Client: Terralogic Exploration Inc.
File Name: 20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Proportion (Volume %) and Number of 0.25-0.5 mm Grains in Host Paramagnetic Susceptibility (amperage) Fraction (<1.0 amp = paramagnetic; >1.0 amp = nonparamagnetic)																							
	Mineralization Minerals							Alteration Minerals													Geochron Minerals			
	Hypogene			Supergene				Hypogene																
	>1.0 amp			>1.0 amp			<1.0 amp	>1.0 amp												<1.0 amp	>1.0 amp			
Sample Number	Pyrite	Cu-Zn-Pb-Mo-As-Sb-Bi-minerals	Sn-W Oxides	Marc	Cu-Zn-Pb-Mo-As-Sb-Bi-minerals	Mn-Oxides	Gth	Ba	Mn-epidote	Grs	Tm	Blond Ttn	Rose Zir	Ky/Sil	Corundum	Diaspore	Red Rutile	Low-Cr Diopside	Other	Adr*	Ap	Zir	Remarks	Picked Grains
CCMPT009	Tr (1 gr)	0	0	0	0	0	Tr	0	0	0	0	0	0	2	0	0	Tr (8 gr)	Tr (4 gr)	Tr chromite (~20 gr)	0	0	Tr (2 gr)	Augite-hematite/diopside assemblage.	
CCMPT010	0	0	0	0	0	0	Tr	0	0	0	0	0	0	4	0	0	Tr (6 gr)	Tr (~20 gr)	Tr chromite (~20 gr)	0	Tr (~10 gr)	Tr (4 gr)	Almandine-augite-hematite/diopside assemblage.	
LMMPT001	Tr (1 gr)	0	0	0	0	0	Tr	0	Tr (4 gr)	0	0	0	0	2	0	0	Tr (6 gr)	Tr (5 gr)	Tr chromite (~60 gr)	0	Tr (1 gr)	Tr (3 gr)	Augite/diopside assemblage.	
LMMPT002	Tr (~15 gr)	0	0	0	0	0	Tr	Tr (3 gr)	Tr (3 gr)	0	0	0	0	2	0	0	Tr (6 gr)	Tr (2 gr)	Tr chromite (~80 gr)	Tr (3 gr)	0	Tr (2 gr)	Augite-hematite-almandine/diopside assemblage. SEM checks from 0.25-0.5 mm fraction: 3 andradite candidates = 3 andradite	1.0-2.0 mm fraction: 1 barite 0.5-1.0 mm fraction: 1 barite 0.25-0.5 mm fraction: 3 barite 3 andradite
LMMPT003	0	0	0	0	0	0	Tr	0	Tr (8 gr)	0	0	0	0	3	0	0	Tr (4 gr)	Tr (~20 gr)	Tr chromite (~20 gr)	0	Tr (1 gr)	Tr (2 gr)	Almandine-augite-hematite/diopside assemblage.	
LMMPT004	0	0	0	0	0	0	Tr	0	0	0	0	0	0	0.5	0	0	Tr (~15 gr)	Tr (2 gr)	Tr chromite (~120 gr)	Tr (~30 gr)	0	Tr (4 gr)	Augite-hematite-almandine/diopside assemblage. SEM checks from 0.25-0.5 mm fraction: 5 andradite candidates = 5 andradite.	0.25-0.5 mm fraction: 5 representative andradite
LMMPT005	Tr (2 gr)	0	0	0	0	0	Tr	0	Tr (3 gr)	0	0	0	0	3	0	0	Tr (4 gr)	Tr (2 gr)	Tr chromite (~60 gr)	0	0	Tr (2 gr)	Augite-almandine-hematite/dipside assemblage.	

*Andradite includes spessartine.

S.G. >3.2 Porphyry Cu Indicator Mineral Counts

Client: Terralogic Exploration Inc.
File Name: 20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Proportion (Volume %) and Number of 0.25-0.5 mm Grains in Host Paramagnetic Susceptibility (amperage) Fraction (<1.0 amp = paramagnetic; >1.0 amp = nonparamagnetic)																							
	Mineralization Minerals							Alteration Minerals													Geochron Minerals			
	Hypogene			Supergene				Hypogene																
	>1.0 amp			>1.0 amp			<1.0 amp	>1.0 amp												<1.0 amp	>1.0 amp			
Sample Number	Pyrite	Cu-Zn-Pb-Mo-As-Sb-Bi-minerals	Sn-W Oxides	Marc	Cu-Zn-Pb-Mo-As-Sb-Bi-minerals	Mn-Oxides	Gth	Ba	Mn-epidote	Grs	Tm	Blond Ttn	Rose Zir	Ky/Sil	Corundum	Diaspore	Red Rutile	Low-Cr Diopside	Other	Adr*	Ap	Zir	Remarks	Picked Grains
LMMPT006	0	0	0	0	0	0	Tr	0	0	0	0	0	0	0.5	0	0	Tr (~15 gr)	0	Tr chromite (~40 gr)	0	0	Tr (5 gr)	Augite-hematite/diopside assemblage.	
LMMPT007	0	0	0	0	0	0	Tr	0	Tr (2 gr)	0	0	0	0	1	0	0	Tr (8 gr)	Tr (2 gr)	Tr chromite (~20 gr)	0	0	0	Augite-hematite/diopside assemblage.	
LMMPT008	0	0	0	0	0	0	Tr	0	Tr (2 gr)	0	0	0	0	0.5	0	0	Tr (5 gr)	Tr (4 gr)	Tr chromite (~25 gr)	0	Tr (1 gr)	Tr (4 gr)	Augite-hematite/diopside assemblage.	
LMMPT009	0	Tr cinnabar (1 gr)	0	0	0	0	Tr	Tr (2 gr)	Tr (2 gr)	0	0	0	0	0.5	0	0	Tr (4 gr)	Tr (2 gr)	Tr chromite (~10 gr)	0	0.5 (~100 gr)	0	Augite/diopside assemblage. SEM check from 0.25-0.5 mm fraction: 1 cinnabar versus Mn-epidote candidate = 1 cinnabar.	0.5-1.0 mm fraction: 1 barite 0.25-0.5 mm fraction: 1 cinnabar 2 barite

*Andradite includes spessartine.

S.G. 2.8-3.2 Porphyry Cu Indicator Mineral Counts

Client: Terralogic Exploration Inc.
File Name: 20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Proportion (Volume %) and Number of Grains in 0.25-0.5 mm Fraction						
			Major Sulphates				
Sample Numbr	Cu Minerals	Misc. Prime porphyry Cu Indicators	Jarosite	Alunite	Tourmaline	Remarks	Picked Grains
CCMPT002	0	0	0	0	Tr (~100 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
CCMPT003	0	0	Tr (1 gr)	0	Tr (~60 gr)	SEM checks from 0.25-0.5 mm fraction: 2 jarosite candidates = 1 jarosite and 1 plagioclase.	0.25-0.5 mm fraction: 1 jarosite 1 plagioclase resembling jarosite 5 representative tourmaline
CCMPT004	0	0	0	0	Tr (~30 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
CCMPT005	0	0	0	0	Tr (~40 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
CCMPT006	0	0	0	0	Tr (~40 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
CCMPT007	0	0	0	0	0.5 (~150 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
CCMPT008	0	0	0	0	Tr (~10 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
CCMPT009	0	0	0	0	Tr (~15 gr)		0.25-0.5 mm fraction: 5 representative tourmaline

S.G. 2.8-3.2 Porphyry Cu Indicator Mineral Counts

Client: Terralogic Exploration Inc.
File Name: 20243338 - Terralogic- MPW - (PCIM) - Sept 19, 2024 - Final
Total Number of Samples in this Report: 18
ODM Batch Number(s): 3338

	Proportion (Volume %) and Number of Grains in 0.25-0.5 mm Fraction						
			Major Sulphates				
Sample Numbr	Cu Minerals	Misc. Prime porphyry Cu Indicators	Jarosite	Alunite	Tourmaline	Remarks	Picked Grains
CCMPT010	0	0	0	0	Tr (~15 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
LMMPT001	0	0	0	0	Tr (~80 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
LMMPT002	0	0	Tr (2 gr)	0	Tr (~30 gr)	SEM check from 0.25-0.5 mm fraction: 3 jarosite candidates = 2 jarosite and 1 leucoxene.	0.25-0.5 mm fraction: 2 jarosite 1 leucoxene resembling jarosite 5 representative tourmaline
LMMPT003	0	0	Tr (1 gr)	0	Tr (3 gr)	SEM check from 0.25-0.5 mm fraction: 1 jarosite candidate = 1 jarosite.	0.25-0.5 mm fraction: 1 jarosite 3 tourmaline
LMMPT004	0	0	0	0	Tr (~80 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
LMMPT005	0	0	0	0	Tr (~60 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
LMMPT006	0	0	0	0	Tr (~50 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
LMMPT007	0	0	0	0	Tr (~25 gr)		0.25-0.5 mm fraction: 5 representative tourmaline

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	Proportion (Volume %) and Number of Grains in 0.25-0.5 mm Fraction						
			Major Sulphates				
Sample Numbr	Cu Minerals	Misc. Prime porphyry Cu Indicators	Jarosite	Alunite	Tourmaline	Remarks	Picked Grains
LMMPT008	0	0	0	0	Tr (~20 gr)		0.25-0.5 mm fraction: 5 representative tourmaline
LMMPT009	0	0	0	0	Tr (~40 gr)		0.25-0.5 mm fraction: 5 representative tourmaline

APPENDIX VI

Digital Data (see accompanying.zip)

6.1 Photos

6.2 CSV Files