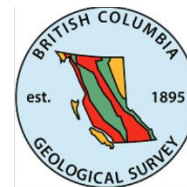




**BC Geological Survey
Assessment Report
40131**



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

**Assessment Report
Title Page and Summary**

TITLE OF REPORT: 2021 Geological Report and Data Compilation on the Paycinci Property

TOTAL COST: \$11,005.68

AUTHOR(S): Kairan Liu

SIGNATURE(S): 

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

STATEMENT OF WORK EVENT NUMBER(S)/ DATE(S): 5864215 / December 27, 2021

YEAR OF WORK: 2021

PROPERTY NAME: Paycinci Property

CLAIM NAME(S) (on which work was done): Cincinnati (392673), Copper Jack (392675), Bank of England (392676), Noble A (416220), Noble B (416221)

COMMODITIES SOUGHT: Copper, Silver

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092HNE083 (Bank of England), 092HNE084 (Palcinci).

MINING DIVISION: Nicola Mining Division

NTS / BCGS: 092H 098

LATITUDE: 49° 54' 50" (at centre of work)

LONGITUDE: 120° 35' 11" (at centre of work)

UTM Zone: NAD 10N EASTING: 673278.22 mE NORTHING: 5531839.6 mN (at centre of work)

OWNER(S): Richard Billingsley

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

MAILING ADDRESS: 11114-147 A Street, Surrey B.C. V3R-3W2, Canada

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude): **Triassic; Nicola Group; Quesnel Terrane; Shrimpton Formation; Iron Mountain Formation; propylitic alteration; epidote; diorite intrusions; malachite; chalcopyrite**

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:
07029, 07654, 08522, 09250, 14108, 20551, 21678, 24019, 37032

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	Geological Field Review and interpretation	392675, 392676	\$8,200.00
	Photo interpretation		
GEOPHYSICAL (line-kilometres)			
Ground			
	Magnetic		
	Electromagnetic		
	Induced Polarization		
	Radiometric		
	Seismic		
	Other		
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
	Soil		
	Silt		
	Rock 8 samples	392675, 392676	\$505.68
	Other		
DRILLING (total metres, number of holes, size, storage location)			
	Core		
	Non-core		
RELATED TECHNICAL			
	Sampling / Assaying		\$2,300.00
	Petrographic		
	Mineralographic		
	Metallurgic		
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
	Line/grid (km)		
	Topo/Photogrammetric (scale, area)		
	Legal Surveys (scale, area)		
	Road, local access (km)/trail		
	Trench (number/metres)		
	Underground development (metres)		
	Other		
TOTAL COST			\$11,005.68

2021 Geological Report and Data Compilation on the Paycinci Property

Nicola Mining Division

Southern British Columbia, Canada

NTS: 092H 098

UTM: NAD 83 Zone 10

Latitude: 49° 56' 2.64" N, Longitude: 112° 35' 5.02" W

Work Completed on Claims: 392673, 392675, 392676, 416220, and 416221

Owner and Operator:

Richard Billingsley

11114-147A Street, Surrey, British Columbia, V3R 3W2, Canada

Author:

Kairan Liu, PhD

March 7, 2022

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SUMMARY

The Paycinci Property (“Property”) is 100% owned by Richard Billingsley. The Property is in southern British Columbia and is comprised of 5 mineral claims totaling 125 ha, covering the Paycinci (092HNE084) and Bank of England (092HNE083) mineral occurrences (“MINFILE”). The statement of work was filed on December 27, 2021, under event number 5864215, and the total value of work applied was \$11,005.68.

A one-day property tour took place with the owner and a team of Kelowna-based geologists on September 24, 2021. Historical workings and showings were geologically mapped and sampled. Understanding geological controls, locating historic showings, and defining access within the claim group were the key takeaways from the Property visit.

The geology on the Property is comprised of Nicola Group volcanic rocks, compositionally ranging from andesite to basalt, and located between two major northerly trending structures: the Allison Creek Fault and the Kentucky-Alleyne Fault. Copper mineralization occurs in near-vertical structures and fractures as chalcocite and malachite +/- chrysocolla staining.

The one-day geologic visit occurred on September 24, 2021. Eight rock samples were collected for geochemical analysis, including six samples from the Paycinci MINFILE, one sample from the Bank of England MINFILE and one from a propylitic altered andesite outcrop. The analytical results from the mineral showings indicate anomalous copper and silver and returned values up to 4.26% copper (“Cu”) and 24.50 ppm silver (“Ag”).

INTRODUCTION

General Statement

The Paycinci Property (“The Property”) is 100% owned by Richard Billingsley. The Property is in south central British Columbia and is comprised of 5 mineral claims totaling 125 hectares (“ha”). The Property covers the Paycinci and Bank of England MINFILE, as shown in Figure 1 and Table 1. The statement of work was filed on December 27, 2021, under event number 5864215. The total value of work applied was \$11,005.68.

A one-day geologic survey was conducted by M. Henning, B. May, B. Bower and K. Liu. The main goals of the survey were: to check the road and trail accessibility, to map geological structures, to locate mineralization and to determine geochemical signatures of the mineralized units.

Table 1. Property Claim Information

Tenure	Claim Name	Owner	Map Number	Issue Date	Good To Date	Area (ha)
392673	Cincinnati	139085 (100%)	092H098	2002/APR/13	2020/MAR/25	25.0
392675	Copper Jack	139085 (100%)	092H098	2002/APR/13	2020/MAR/25	25.0
392676	Bank of England	139085 (100%)	092H098	2002/APR/13	2020/MAR/25	25.0
416220	Noble A	139085 (100%)	092H098	2004/NOV/18	2020/MAR/25	25.0
416221	Noble B	139085 (100%)	092H098	2004/NOV/18	2020/MAR/25	25.0

Location and Access

The Property is in the Nicola Mining Division in south central British Columbia, located 27 km south of Merritt, and 100 km west of Kelowna (Figure 1).

The Property is approximately 8 km west of Highway 97C. All services for exploration and development are available in Merritt and Kelowna. The Property is accessed by taking Highway 97C and turning south at Aspen Grove onto Highway 5A. From there, the paved Bates Road is within 1 km of the Property border. Power is readily available along the highway and along exploration trails.

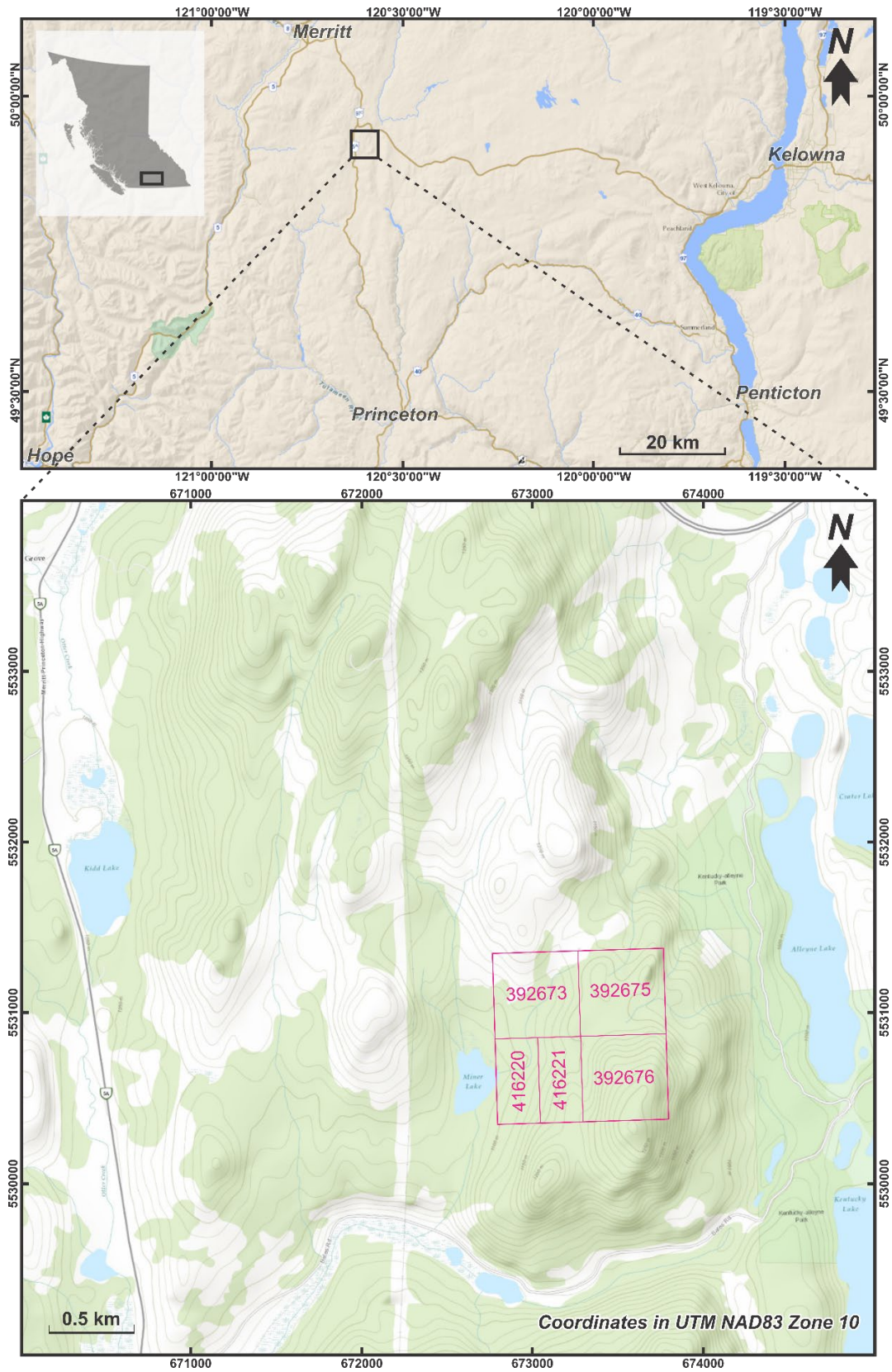


Figure 1. Location map and tenure map of the Paycinci property.

Physiography and Vegetation

The Paycinci Property covers moderate terrain, ranging in elevation from 1100 to just over 1250 metres. The topography mainly consists of rolling hills and grassland. The forest is comprised of lodgepole pine and locally Douglas Fir, birch, poplar, and spruce. Grass covers the forest floor and open swampy areas.

Climate

The closest weather station to the Property is Princeton B.C. Seasonal temperatures vary in the summer months (May- August) between 11 °C to 18 °C, and in the winter months (November-February) the average temperature ranges from -0.5 °C to -6 °C. The area has a generally dry climate common to the interior region of B.C., with moderate winter snowfall in which snow accumulates to between 0.5 and 2 metres. The total mean annual precipitation in the area is between 40 and 60 centimetres. The property is generally without snow between May and the end of October.

Historical Background

History in the area dates to the early 1900's. Several trenches, and two or more shafts were dug out in the earlier years, however the date, results and operator of this is not documented.

Exploration by Payco Mines Ltd in 1963 included surface prospecting, geological reconnaissance, geophysical and geochemical surveys, diamond drilling, air drilling and blasting, trenching and bulldozing, and bulk sampling. An old shaft and three pits were sunk on a north-south fracture zone exposing malachite and chalcocite copper mineralization. A small adit (approximately 4 feet long) was started along a cliff face. A zone of chalcopyrite mineralization returned 0.80% Cu from the adit wall. Diamond drilling and blasting were documented in the B.C. Property File 008578.

In 1978, Westward Energy & Resources Corp. undertook a Very Low Frequency Electro-Magnetic (VLF-EM) Geophysical Survey on their Aspen Grove Property (AR Number 07029). The VLF-EM anomalies are narrow lineaments and correlate with sulphide mineralization suggesting mineralization is structurally controlled. A total of 10 anomalies were discovered with recommended follow-up.

In 1979, two diamond drill holes totaling 453 feet were completed by Sienna Developments Ltd on the Adit Zone of their Fairweather Hills Property (AR Number: 07654). The two drill holes were located 200 feet west of the Adit Zone and returned copper values up to 0.146% Cu and 0.0369% Cu with trace to 0.82 oz/ton Ag.

In late 1979, Westward Energy & Resources Corp conducted magnetic and soil geochemical surveys on the Aspen Grove Property which covering the current Paycinci Property (AR Number: 08522). The magnetic high on the eastern part of Aspen Grove Property was correlated with

intrusive diorites overlain by Nicola volcanic rocks and showed poor correlation with the previous lithology and structural mapping. The results of the copper soil anomaly are shown in Figure 2.

In June of 1980, Westward Energy & Resources Corp carried out an Induced Polarization (I.P.) survey over the Aspen Grove Property (AR Number: 09250). The purpose of the survey was to locate potential zones of copper sulphides. The I.P. survey revealed 4 anomalous zones.

From May to August of 1985, I.M. Watson and Associates Limited carried out a reconnaissance geological and geochemical program on the Vanco Aspen Grove Project (AR Number: 14108). It was noted that the anomalous results occurred closed to the projected fault zones a short distance from the dioritic intrusion.

In 1990, preliminary rock chip sampling was carried out by MineQuest Exploration Associates Ltd on their Ken Claims which covering the south part of the current Paycinci property (AR Number: 20551). The samples returned 3.30% Cu with 13 ppb Au and 3.00% Cu with 8 ppb Au respectively. These grab samples were from old pits or trenches and were composed of malachite bearing diorite/diorite breccia and diorite bearing lahars.

In 1991, a limited program of line-cutting and Induced Polarization (IP) and resistivity surveying was carried out in the region by MineQuest Ex. Assoc (AR Number: 21678). Four zones of anomalous IP effects were detected, which were probably caused by disseminated metallic sulphide mineralization. Copper anomalies have been reported from trenches lying along the western margin of one the IP zones. The locations of the survey zones are shown in the Figure 3, and the IP and resistivity results are shown in Figure 4.

In 1995, Discovery Consultants carried out a soil and rock geochemical survey on the Payco-Cincinnati property, collecting 39 soil and 15 rock samples (AR Number: 24019). Anomalous copper and gold values in soils were detected in the western part of the Cincinnati claim. The gold values appear to be peripheral to the copper values in soils. The orientation of the mineralization is undetermined. Copper in outcrop with values up to 3% was detected on the western part of the Cincinnati claim. This mineralization is contained in an area of old workings. No associated gold values were noted with this mineralization.

A one-day Property tour took place on June 2, 2017. Work included the collection of 30.7 ha of drone imagery and a geological review (AR Number: 37032). The drone work was completed by a certified Drone Operator and a geological review was completed by a Geologist, both provided by Cazador Resource Ltd.

The above historical background is also summarized in the Table 2.

Table 2. Summary of historic works

AR Number	Report Name	Property Name	Property Owner	Property Operator	Author	Year	Work Done
NA	Summary Report and Recommendations on the Payco Mines Ltd. NPL Claims near Aspen Grove, B. C.	Payco	Payco Mines LTD	Payco Mines LTD	Sherwin, Kelly F.	1963	Surface prospecting, geological reconnaissance, geophysical and geochemical surveys, diamond drilling, air drilling and blasting, trenching and bulldozing, and bulk sampling.
07029	Geophysical Report on VLF-EM Survey AG Claim	Aspen Grove	Westward Energy & Resources Corp.	Geotronics Surveys Ltd.	Mark, David G.	1978	Geophysical VLF-EM Survey
07654	Interim Report on a Diamond Drill Program on the Fairweather Hills Project	Fairweather Hills	Sienna Developments Ltd.	Pan-American Consultants Ltd.	Sookochoff, Laurence	1979	Diamond Drilling
08522	Geophysical/Geochemical Report on Magnetic and Soil Geochemistry Surveys AG Claim	Aspen Grove	Westward Energy & Resources Corp.	Geotronics Surveys Ltd.	Mark, David G.	1979	Magnetic geophysical survey and soil geochemistry survey
09250	Geophysical Report on an Induced Polarization Survey AG Claim	Aspen Grove	Westward Energy & Resources Corp.	Geotronics Surveys Ltd.	Mark, David G.	1980	IP geophysical survey
14108	Geological & Geochemical Report on the Mickey-Finn Group	Aspen Grove	Vanco Explorations Ltd.	I.M. Watson and Associates Ltd.	Lisle, Thomas E.	1985	Soil and rock geochemical survey
20551	Geochemical Report on the A1 1 and Ley 3 Claims	Ken Claims	MineQuest Exploration Associates Ltd.	MineQuest Exploration Associates Ltd.	Gourlay, Andrew W.	1990	Rock geochemical survey
21678	Geophysical Report on the Ken Claims	Ken Claims	MineQuest Exploration Associates Limited	MineQuest Exploration Associates Ltd.	Cartwright, P.	1991	IP and resistivity geophysical survey
24019	Geochemical Assessment Report on the Payco & Cincinnatti Properties	Payco-Cincinnatti	Gilmour, William R.	Discovery Consultants	Carpenter, Thomas H.	1995	Soil and rock geochemical survey
37032	2017 Geological Report on the Paycinci Property	Paycinci	Billingsley, Richard John; Cazador Resources Ltd.	Cazador Resources Ltd.	Travis, Adam; Travis, Brittany	2017	Geology reconnaissance and Drone imagery

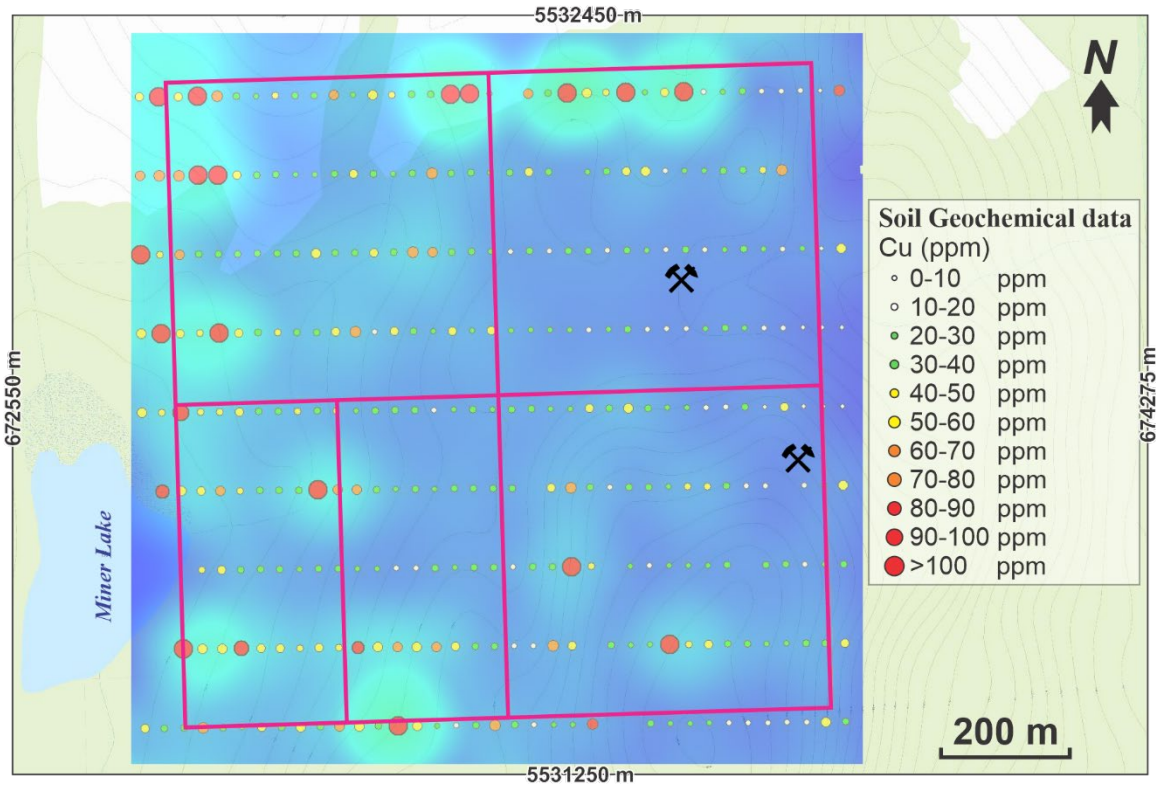


Figure 2. Cu soil geochemistry. Data from the assessment report: 08522 (Coordinates in UTM NAD83 Zone 10).

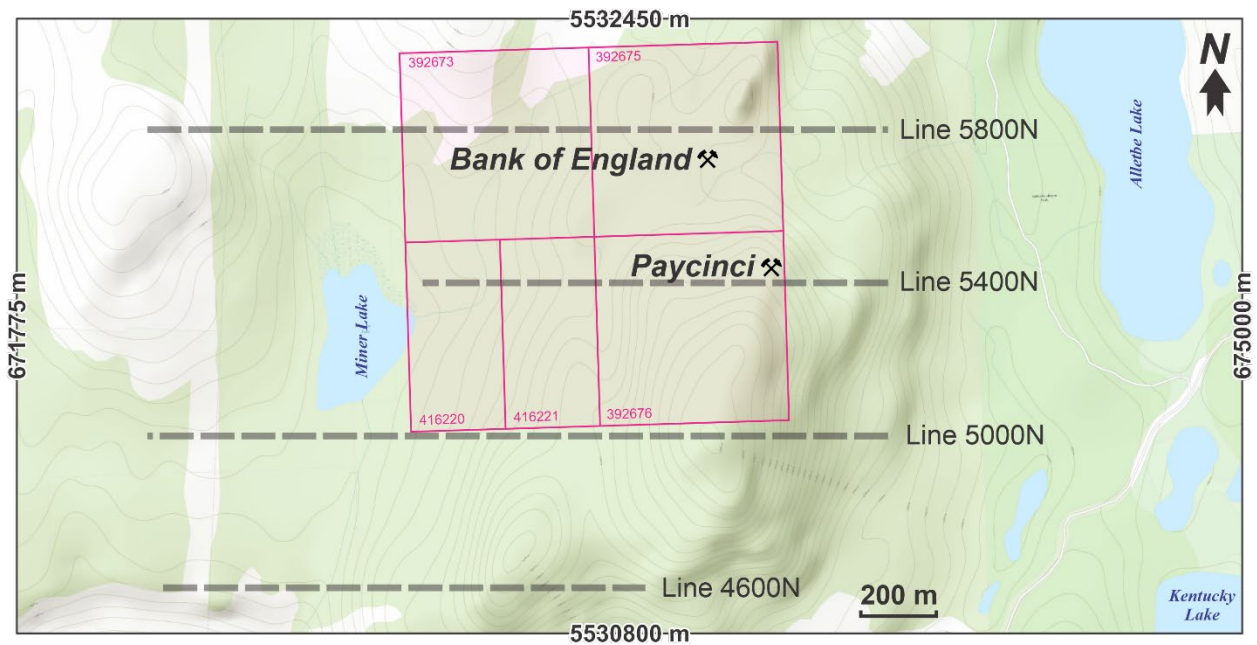
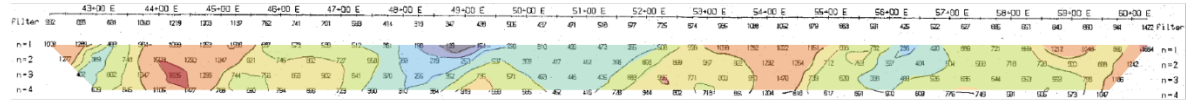


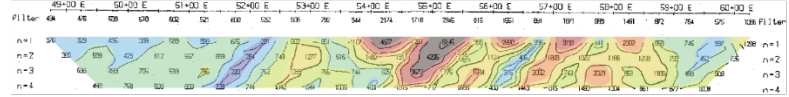
Figure 3. Map of line locations of the geophysical survey of the assessment report: 21678 (Coordinates in UTM NAD83 Zone 10).

Resistivity

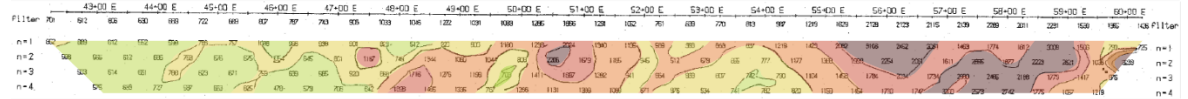
Line 5800N



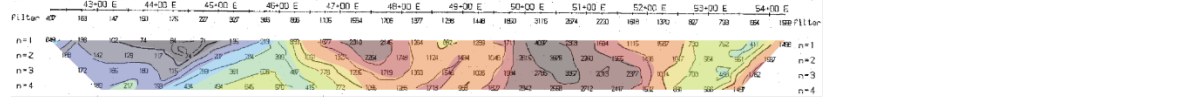
Line 5400N



Line 5000N

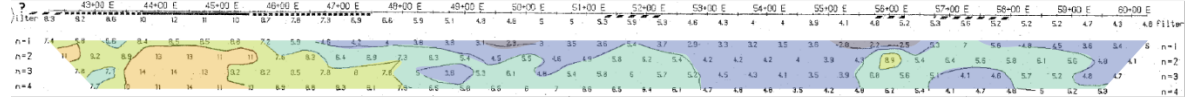


Line 4600N

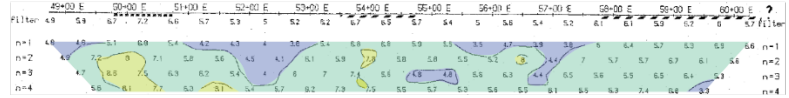


Chargeability

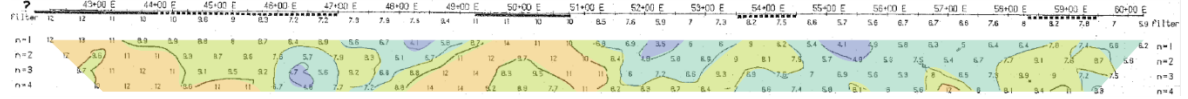
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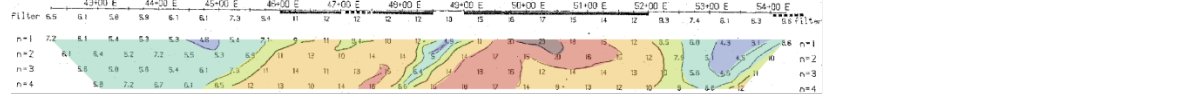
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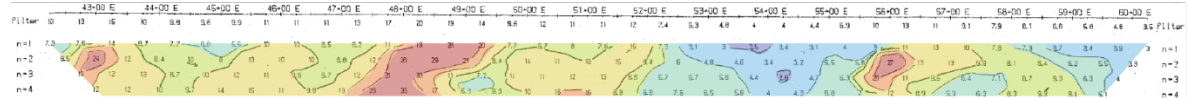


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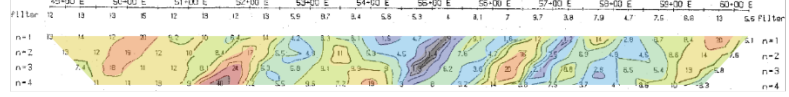


Metal factor

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Line 5400N



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Line 4600N

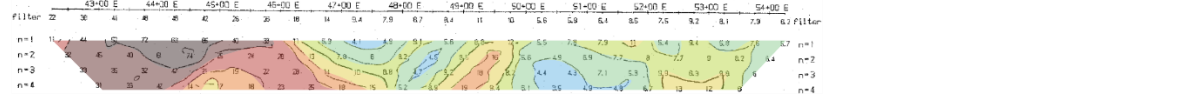


Figure 4. Historic IP survey results. Data from the assessment report: 21678.

GEOLOGIC SETTING

Regional Geology

The Quesnel Terrane, also known as Quesnellia, is a depositional belt 1,500 kilometres long and 30 to 100 kilometres wide that spans the length of B.C., from the southern U.S. border to the British-Columbia Yukon border. The terrane is a Triassic to Jurassic magmatic arc complex that formed along or near the western North American continental margin (Mortimer, 1987; Struik, 1988; Unterschutz et al., 2002).

The terrane hosts several known deposits and mineral prospects, mainly porphyry copper-gold with silver and/ or molybdenum. These deposits are hosted in mafic to intermediate volcanic rocks of the Takla or Nicola Group, with associated felsic to intermediate plutonic rocks. The location of the main porphyry deposits in British Columbia including Afton, Copper Mountain, Mount Milligan, and Mount Polley are shown on Figure 5.

Several northerly trending major fault systems predominate in the region. These deep-seated structures are interpreted to represent an ancient, long-lived rift system which determined the extent and distribution of Nicola Group rocks during the Triassic and Jurassic periods. These same structures formed basins of continental volcanism and sedimentation in the early Tertiary.

Property Geology

The Property Geology is largely derived from Preto (1977 and 1979). The geology of the area is controlled by the Allison and Kentucky Alleyne fault zones (Figure 6), two major northerly trending structures. These two structures subdivided the Nicola Group between Merritt and Princeton into three northerly trending fault bounded belts each containing a distinct lithologic assemblage. The Eastern Belt consists of mafic, augite phyric volcanoclastic rocks, minor volcanic flows, and sedimentary rocks. The Central Belt consists of alkaline mafic flows and pyroclastic rocks with some subvolcanic intrusions of diorite to syenite composition. The Western Belt is a succession of calc-alkaline mafic, intermediate, and felsic volcanic rocks, syn-volcanic rhyolite plugs, volcanoclastic sediments and carbonates.

The Property is in the Central Belt of the Nicola Group (Figure 6). Exposed bedrock in the property is composed of reddish to green augite-plagioclase volcanic flows, compositionally varying from andesite to basalt. These volcanic rocks are mostly massive but brecciated in places. Bedded and rhythmic lahar and tuff are occasionally present on the Property. Additionally, bedded sandstone and fossiliferous limestone have been previously recognized on a very minor proportion of the property. Diorite outcrop is present to the south of the Property

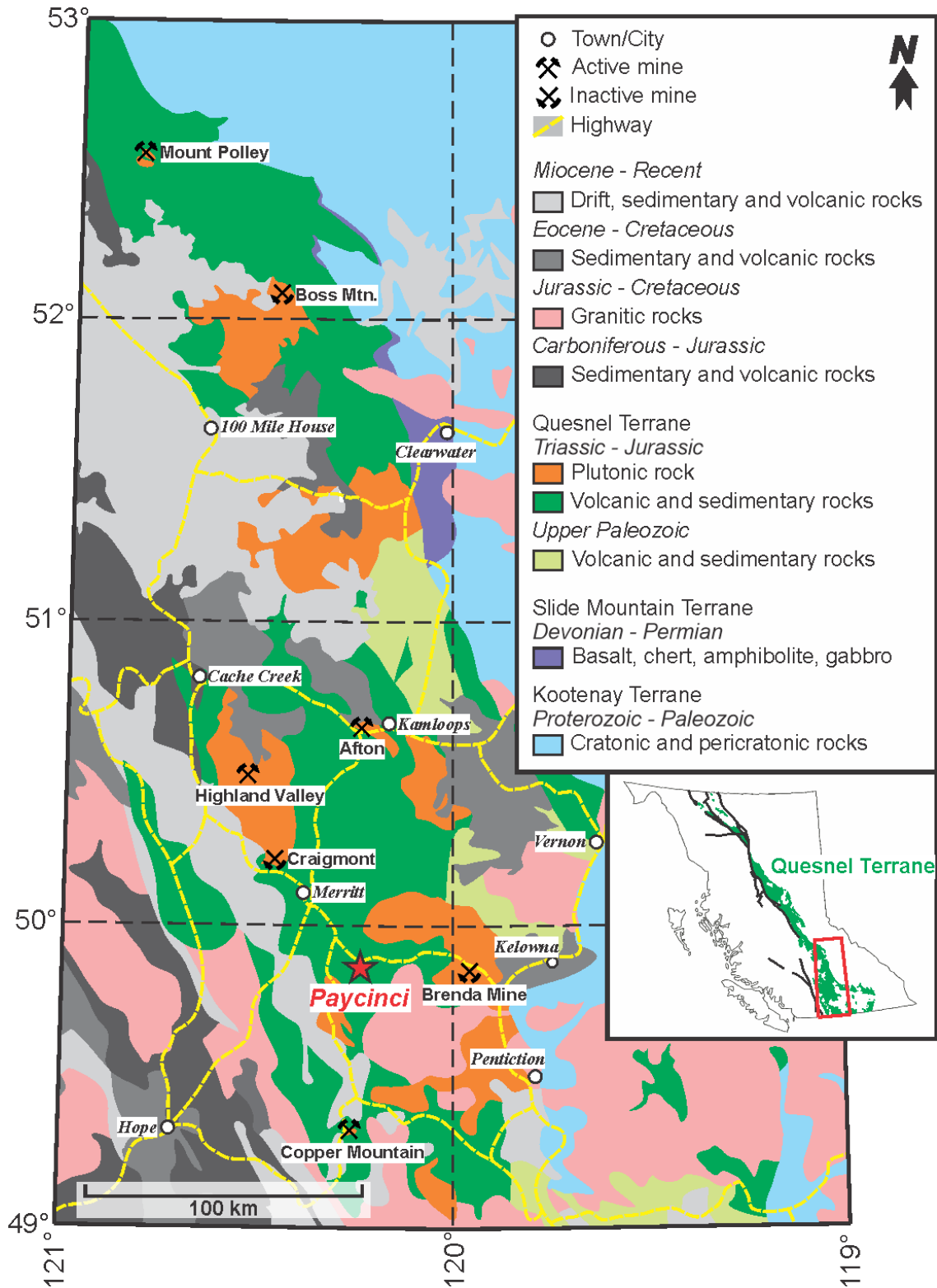


Figure 5. Simplified regional geology (after Schiarizza and Boulton, 2005 and Beatty et al., 2006). The map shows the Quesnel Terrane in southern British Columbia and its significant association with mineral deposits.

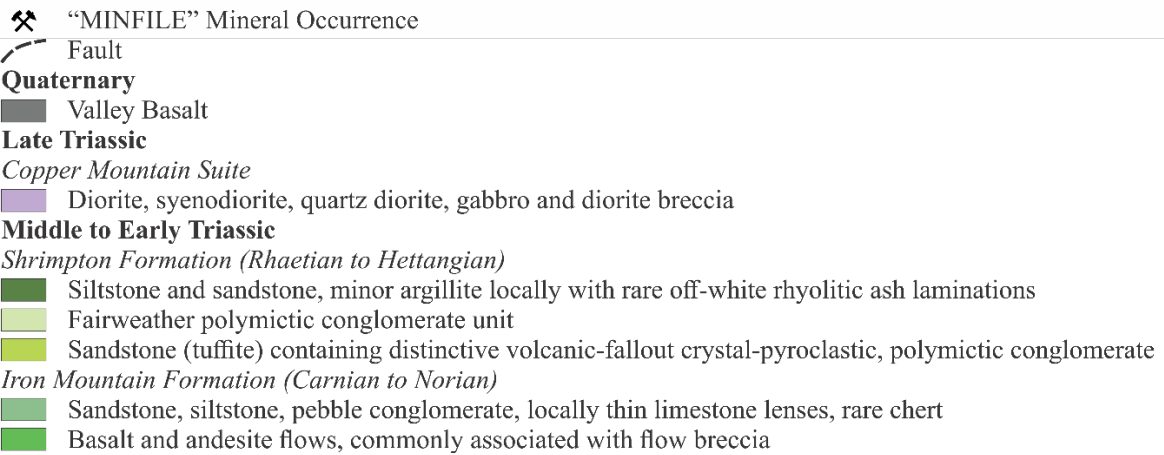
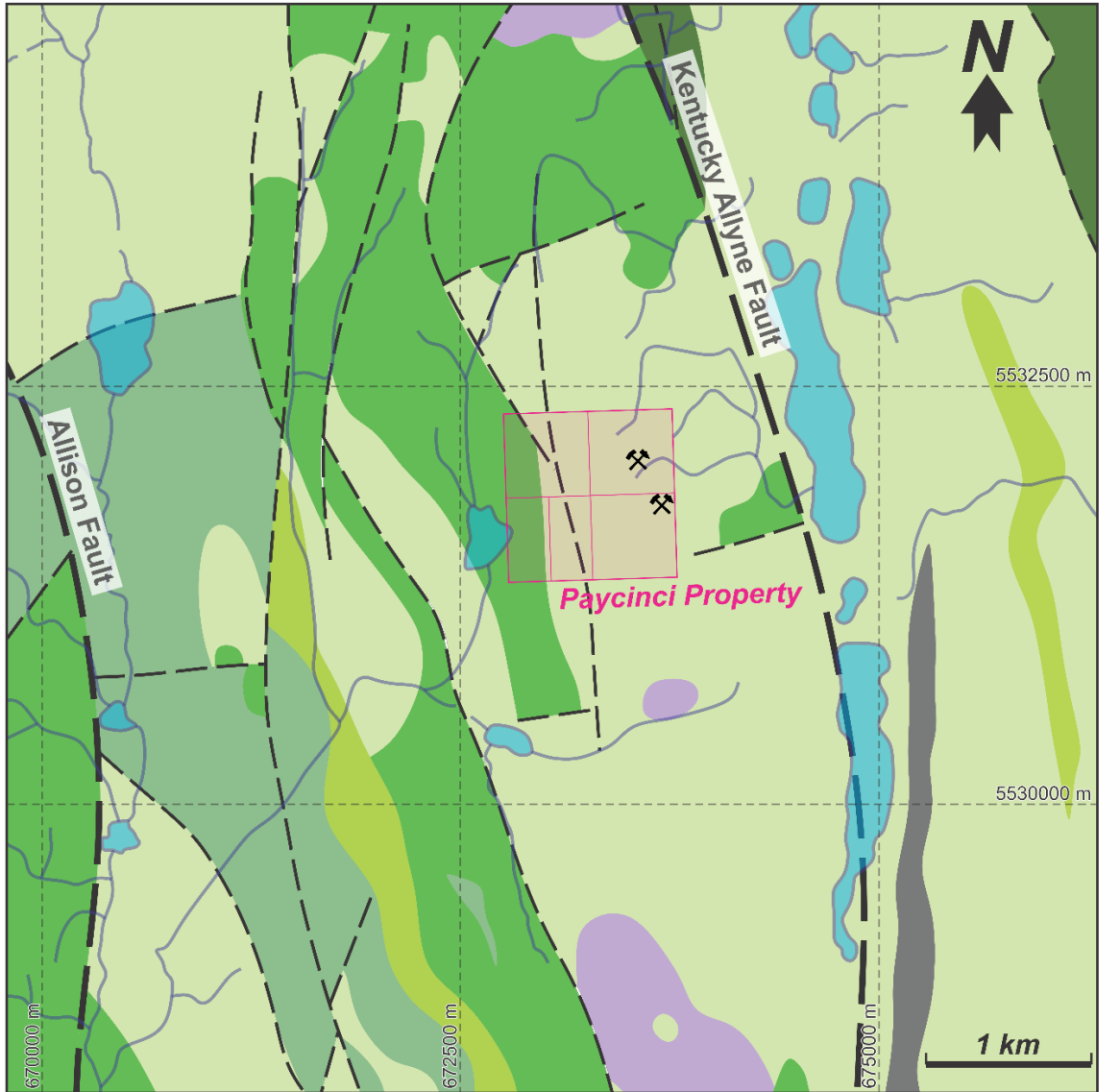


Figure 6. Property geology (Coordinates in UTM NAD83 Zone 10; after Mihalynuk and Diakow, 2020).

Mineral Occurrences

According to the B.C. MINFILE records, there are two mineral occurrences on the Paycinci property: Bank of England and Paycinci (Figure 1).

- The Bank of England showing (MINFILE number 092HNE083) is 1.0 to 1.3 kilometres west of Alleyne Lake and 0.7 to 0.9 kilometre northeast of Miner Lake. The occurrence is hosted in propylitic altered laharic breccia of the Upper Triassic Nicola Group. Abundant copper sulphides and oxides occur in a fracture zone dipping 70 degrees southwest.
- The Paycinci developed prospect (MINFILE number: 092HNE084) is centered 1.1 kilometres west-northwest of the south end of Alleyne Lake and 3.0 kilometres north-northwest of the south end of Kentucky Lake. Hypogene and supergene copper mineralization occurs in propylitic altered laharic breccia. The mineralization consists primarily of disseminated and fracture-controlled chalcocite and native copper, accompanied by lesser malachite and azurite, and minor chalcopyrite, bornite, cuprite, and pyrite. Drilling indicates chalcopyrite becomes more abundant at depth at the expense of chalcocite. The mineralization is exposed along the crest and east flank of a small northerly trending ridge, over a north-south distance of 400 metres.

2021 Field Investigation

A one-day field investigation took place at the property on September 24, 2021. The trip was focused on the western part of the property around the Bank of England and Paycinci occurrences. The field notes are shown in Table 3. The locations of the waypoints and the route of the field investigation is shown in Figure 7.

The lithology in the region consists of Nicola Group volcanic rocks, primarily andesitic and basaltic flows. The volcanic flows are mostly massive in texture with minor brecciation. The lithology at waypoints 6 and 14 show minor brecciation with a hematite-rich matrix.

The volcanic rocks on the Property are characterized by low-grade propylitic alteration. Epidote, actinolite, chlorite +/- albite, and calcite are common in the greenish basalt and basaltic andesites, with minor quartz-epidote veins (waypoints 1, 5, 9 and 10). Patches of hematite are found in the basaltic flow, which are probably pseudomorphs after pyroxene and olivine; however, olivine itself was not identified.

As the copper mineralization in the property is mainly structure-controlled, the orientation of the local fracture systems and foliation are critical for further exploration. Measurements on the orientations of local volcanic flow beddings and fracture systems were collected during the field trip, as shown in Table 2. Generally, the bedding of the volcanic flows dip northwest with angles varying from 38° to near vertical. The mineralized fracture systems are near vertical (~75°) and trend north-south. These measurements are consistent with the major structures of the area: the northerly trending Allison Creek and Kentucky-Alleyne fault zones.

Table 3. Summary of field notes (Coordinates in UTM NAD83 Zone 10)

Waypoint	Easting (m)	Northing (m)	Description
1	673298	5531887	Basaltic andesite with pervasive propylitic alteration. Quartz-epidote vein presents. Local volcanic bedding orientation was measured at 335/64°.
2	673327	5531881	Propylitic altered andesite. Local fracture was measured at 040/70°.
3	673420	5531894	Propylitic altered andesite. Old barrel was found.
4	673496	5531900	Slightly altered andesite. Local volcanic bedding orientation was measured at 232°/75°.
5	673548	5531773	Propylitic altered andesite. Quartz-epidote vein presents and oriented 006°/70°.
6	673440	5531734	Clastic andesite. Minor hematite in the matrix.
7	673492	5531786	Slightly altered andesite. Local volcanic bedding orientation was measured at 331°/89°.
8	673550	5531717	Slightly altered andesite.
9	673542	5531618	Andesite with pervasive propylitic alteration. Quartz-epidote vein presents. Local volcanic bedding orientation was measured at 336° /38°. Blaze mark found on a tree.
10	673709	5531746	Old drilling site. Quartz-epidote veinlet presents in propylitic andesite.
11	673722	5531792	Fracture-filled quartz vein presents in propylitic andesite, orientation measured at 220°/85°.
12	673754	5531717	Old trench of the Paycinci showing. Mineralization of malachite (\pm chrysocolla) largely occurs along factures on the surface of the trench. The orientation of the mineralized fracture systems has been measured at 015 ° /72°.
13	673761	5531773	Historic shaft.
14	673792	5531776	Andesitic breccias with hematite matrix.
15	673799	5531854	Historic adit tunnel and dump tile. Outcrop with presence of malachite. Historic drilling pad.
16	673762	5531953	Bluish green mineral, probably chalcantinite, occurs along near-vertical fractures on an outcrop.
17	673753	5532037	Historic cabin.
18	673584	5532012	Bank of England showing. Abundant chalcopyrite and malachite occur along near-vertical fractures in green andesitic rocks. Historic dump tile.

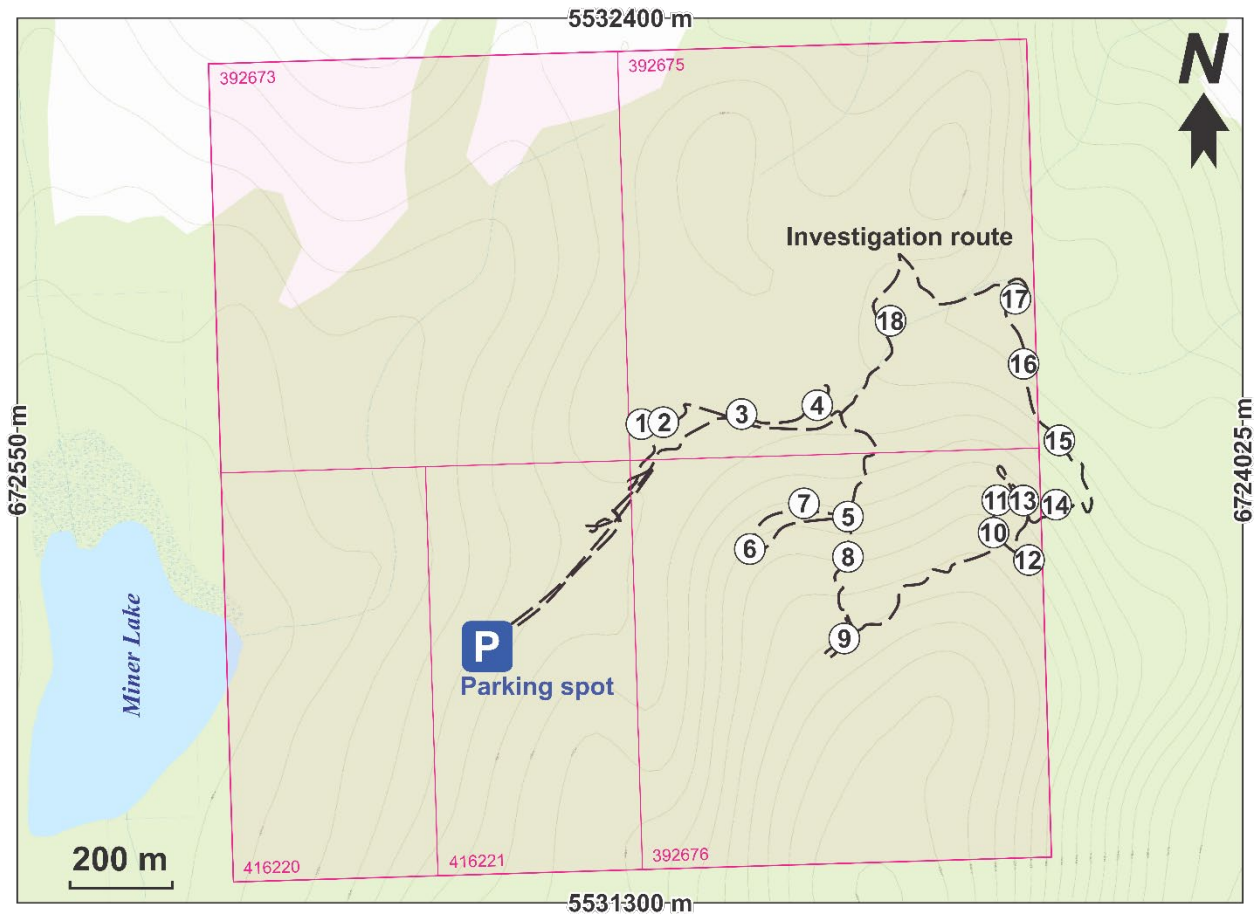


Figure 7. Investigation route and the locations of the way points (Coordinates in UTM NAD83 Zone 10).

GEOCHEMISTRY

Introduction

Eight rock samples were collected during the one-day field trip on the Property. Six samples were collected from the historic trenches of the Paycinci mineral occurrence. One float sample was collected from the Bank of England historic dump pile. One outcrop sample of propylitic altered andesite with a quartz-epidote vein was collected during the traverse to the Paycinci mineral occurrence. The descriptions and the locations of the samples are summarized in Table 3 and Figure 6.

Sampling and Analytical Procedures

The rock geochemical survey involved collecting both float and outcrop samples that displayed alteration and or/mineralization. Rock samples were cleaned to avoid weathered surfaces and/or organic material and to best represent the mineralization and/or alteration for that location. Whenever possible the fresh face of samples was collected.

Rock sample size varied depending on whether a float or outcrop sample was taken. On average approximately 4 to 5 kilograms of rock material was collected from the sample locations into a large poly ore bag. The bags were labeled on both sides with the corresponding sample ID numbers from the sample booklets. The sample ID tag was also inserted into the sample bag prior to sealing. Sample locations for rocks were indicated with a representative sample, which was labeled with a sample ID number.

The lithochemical analyses were conducted at Activation Laboratories Ltd., Kamloops, British Columbia. All the samples were crushed (< 7 kg) with up to 80% passing 2 mm, riffle split (250 g) and pulverized (mild steel) to 95% passing 105 µm before analyzing.

The 62-element ICP-MS package analysis (Actlabs code: UT-1M) was carried out on all eight samples. A 0.5g sample is digested in aqua regia in a microprocessor-controlled digestion block. Digested samples are diluted and analyzed by an ICP-MS instrument. Actlabs internal QA/QC program was used for the limited dataset. One blank is run for every 68 samples, an in-house control sample is run every 33 samples, digested standards are run every 68 samples, after every 15 samples, a digestion duplicate is analyzed, and instruments are recalibrated every 68 samples.

Copper (Cu) over limits (greater than 10,000 ppm Cu) were analyzed using the ore assay method (Actlabs code: 8-Peroxide ICP-OES). Samples are fused with sodium peroxide and undergo an acid dissolution. Samples are then analyzed by ICP-OES. Actlabs internal QA/QC program was used for the limited dataset. Calibration is performed using five synthetic calibration standards, a set of (10-20) fused certified reference material is run with every batch of samples for calibration and quality control, and fused duplicates are run every 10 samples.

Table 4. Locations, selected assay results and descriptions of the sample collected

Actlabs Sample Number	Easting	Northing	Cu (%)	Ag (ppm)	Description
A001001	673756	5531740	0.61	4.06	1m long chip sample along the Paycinci trench. Fracture-hosted malachite ± chrysocolla in the altered andesite flow.
A001002	673592	5532013	1.20	1.66	Composite grabbed sample from Bank of England dump pile. Minor malachite and chalcocite on surfaces of altered andesite flow.
A001003	673757	5531716	4.12	24.50	1m long chip sample along the Paycinci trench. Fracture-hosted malachite ± chrysocolla in the altered andesite flow.
A001004	673545	5531644	<0.01	0.07	Quartz-epidote vein (average ~2mm wide) hosted by propylitic altered andesite.
A001005	673760	5531725	4.26	21.30	1m long chip sample along the Paycinci trench. Fracture-hosted malachite ± chrysocolla in the altered andesite flow.
A001006	673758	5531728	2.86	9.53	1m long chip sample along the Paycinci trench. Fracture-hosted malachite ± chrysocolla in the altered andesite flow.
A001007	673762	5531715	1.96	9.68	1m long chip sample along the Paycinci trench. Fracture-hosted malachite ± chrysocolla in the altered andesite flow.
A001008	673756	5531715	1.16	4.87	1m long chip sample along the Paycinci trench. Fracture-hosted malachite ± chrysocolla in the altered andesite flow.

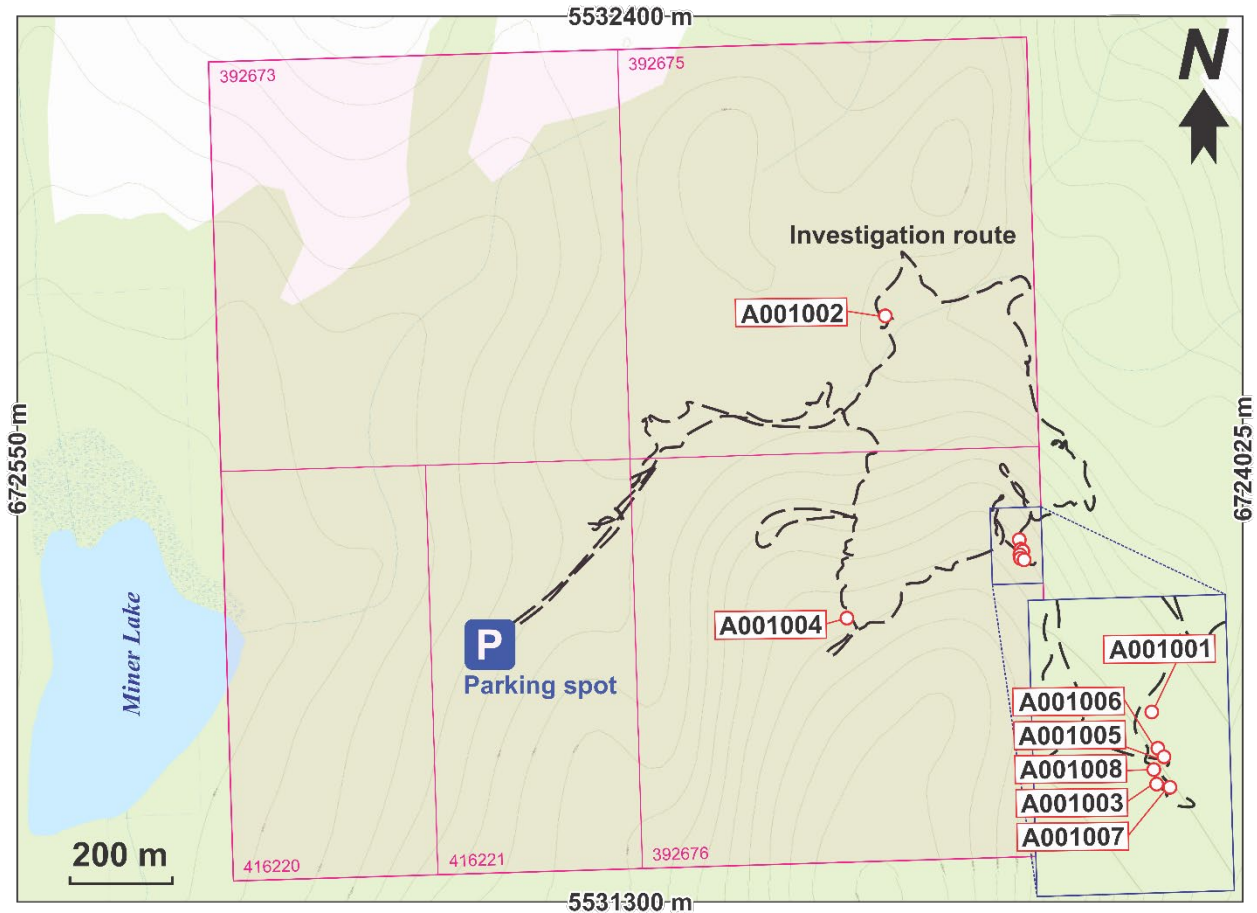


Figure 8. The locations of the rock samples collected (Coordinates in UTM NAD83 Zone 10).

Results and Interpretations

Copper assays of the six samples collected from the Paycicni trenches returned a mean value of 2.50% Cu, and silver assays returned a mean value of 12.32 ppm Ag. The analytical results are plotted in Figure 9. Sample A001002 is a composite grab sample collected from the Bank of England dump pile. This sample also has elevated contents of Cu (1.2%) and Ag (1.66ppm). The sample A001004 is an altered andesite sample containing a quartz-epidote vein, whose Cu and Ag contents are relatively low, 164 ppm Cu and 0.066 ppm Ag. Mo and Au results from all the samples collected are considered background and returned a maximum value of 3.6 ppm Mo and 5.1 ppb Au. The detailed results are shown in Appendix B.

These results suggest the property has significant near surface exploration potential within structurally controlled zones of remobilized oxide Cu and Ag mineralization. Although, primary hypogene porphyry (chalcopyrite and bornite) mineralization was not located, it may be the source of Cu and Ag mineralization. Additional porphyry indicators include, inner and outer propylitic alteration and proximity to locally mapped diorite-monzonite intrusive bodies.

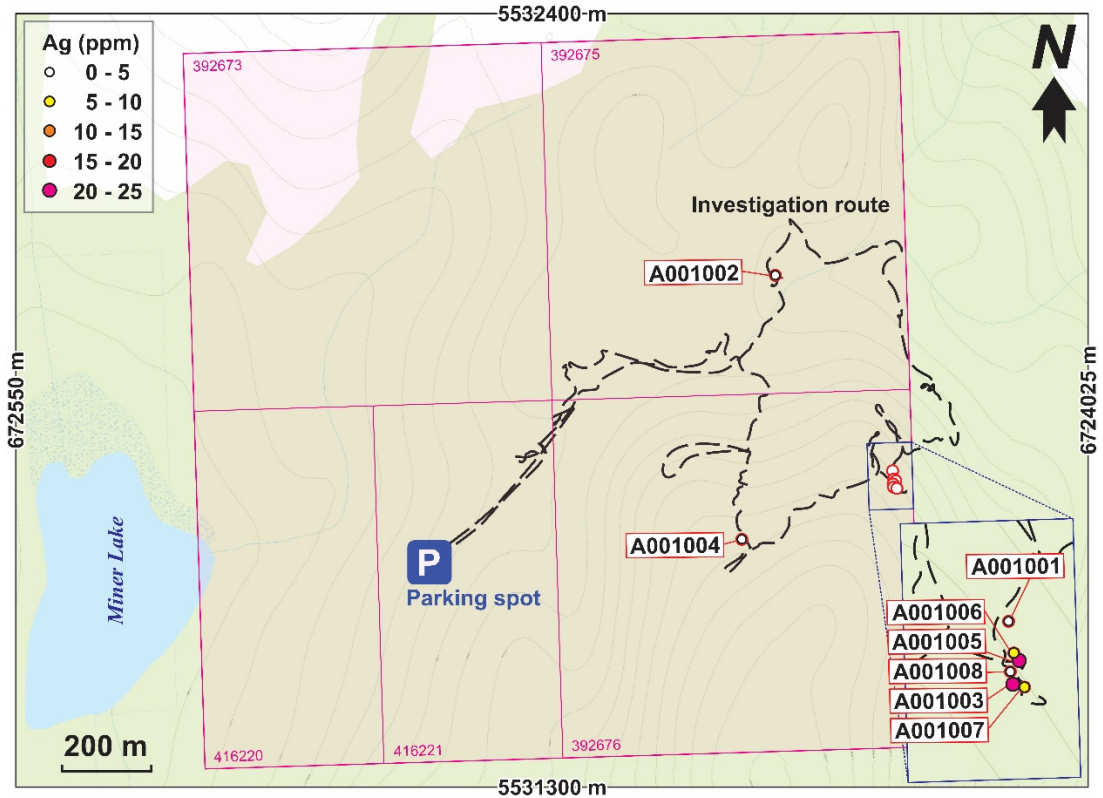
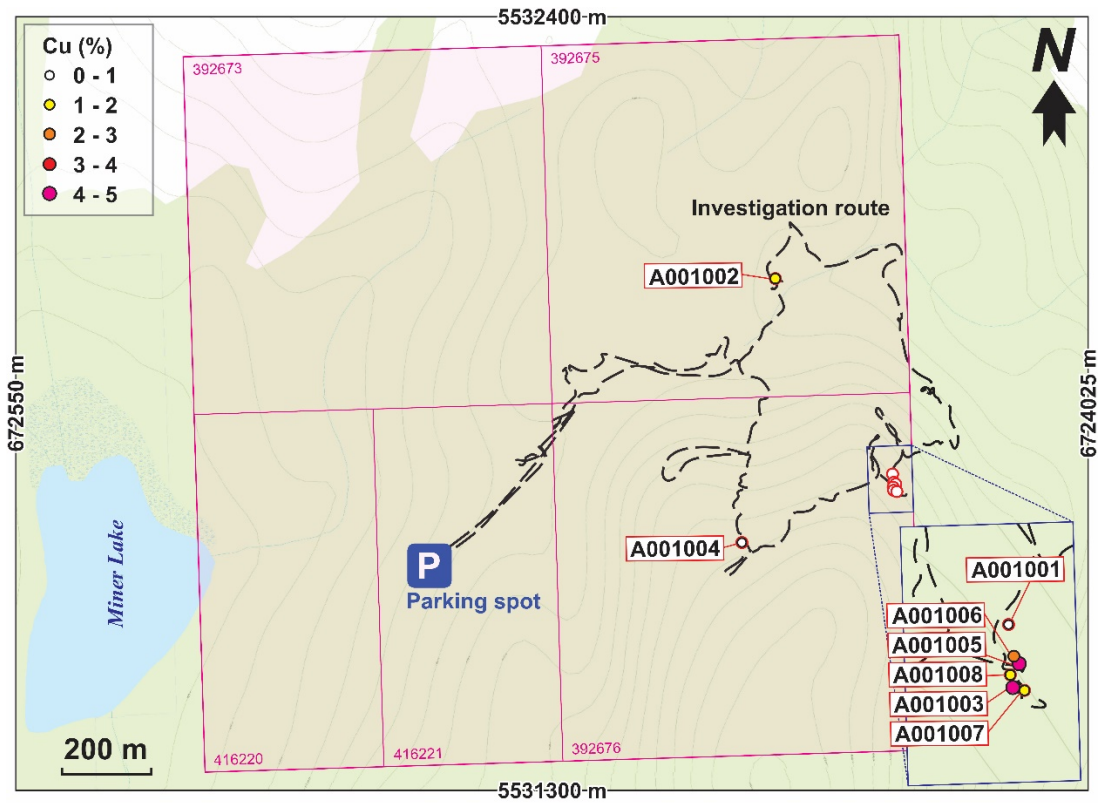


Figure 9. Copper and silver assay results (Coordinates in UTM NAD83 Zone 10).

CONCLUSIONS AND RECOMMENDATIONS

The 2021 one-day field trip was undertaken by Kelowna-based geologists on behalf of Dick Billingsley. The geological review provided a better geological understanding of the Property and new rock geochemical data.

Rock sample results from the two mineral showings returned high concentrations of Cu and Ag representing secondary oxide mineralization. This style of mineralization is structure-controlled and associated with near vertical north-south trending features, consistent with major structures of the area: the northerly trending Allison Creek and Kentucky-Alleyne fault zones. The source of secondary Cu and Ag mineralization is thought to be derived from primary Cu-Au-Ag porphyry mineralization. Additional field mapping, geophysical interpretation, and diamond drilling are required to locate potential hypogene copper sulfide sources.

The historic soil geochemical copper anomalies are not consistent with the locations of the MINFILE mineral occurrences. This could likely be caused from either the limitations of the historic analytical methods, low survey density, or transportation of copper through ground water. An additional field work program is recommended to follow up on previously identified geochemical trends/targets. This program should include a modern soil geochemical survey, field mapping, and trenching to expose covered bedrock. The property is 4.5 km south of the Big Kidd mineralized breccia, and the connection between the zones of mineralization is not well understood. A future regional geologic investigation and study is recommended.

Due to limited time available during the 1-day property visit, not all mineral showings were visited and sampled. Additional time and attention for detail mapping and sampling of all prospects on the property is required.

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Appendix A. Statement of qualifications

I, Kairan Liu, certify that:

- I am employed as Project Geologist of Triumph Gold Corp., 880-1631 Dickson Avenue, Kelowna, BC, V1Y 0B5.
- I am a graduate of University of Waterloo, Canada, having obtained the degree of Bachelor of Science with a major in Earth Science in 2015.
- I am a graduate of Colorado School of Mines, USA, having obtained the degree of Doctor of Philosophy with a major in Geology in 2021.
- I participated in the 2021 one-day field investigation at the Paycinci Property, and I have prepared all sections of this report.



Signed and dated this 7th of March 2022.

Kairan Liu, PhD.

Appendix B. Statement of costs

Work Type	Details	Days/hours	Rate	Subtotal
Field Investigation				
Geologists' Labour	3 senior geologists	1 day	\$700 per person per day	\$ 2,100.00
Geologists' Labour	1 project geologist	1 day	\$500 per person per day	\$ 500.00
Prospector's Labour	1 prospector	1 days	\$500 per person per day	\$ 500.00
Truck Transportation	3 trucks	1 day	\$100 per truck per day	\$ 200.00
Subtotal				\$ 3,300.00
Office Work				
Compilation of Historic File	1 project geologist	1 day	\$500 per person per day	\$ 500.00
Compilation of Historic Data (Geophysics)	1 senior geologists	1 day	\$700 per person per day	\$ 700.00
Compilation of Historic Data (Geochemistry)	1 project geologist	2 days	\$500 per person per day	\$ 1,000.00
Report Writing	1 project geologist	10 days	\$500 per person per day	\$ 5,000.00
Subtotal				\$ 7,200.00
Geochemical Analysis of Rock Samples				
Analytical Cost	8 samples		\$63.21 per sample	\$ 505.68
Total Expenditures				\$11,005.68

Appendix C. Lab certificates and assay results

Quality Analysis ...



Innovative Technologies

Report No.: A21-22851
 Report Date: 18-Jan-22
 Date Submitted: 09-Dec-21
 Your Reference:

Triumph Gold
 880-1631 Dickson Ave
 Kelowna BC V1Y 0B5
 Canada

ATTN: Marty Henning

CERTIFICATE OF ANALYSIS

8 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1-30g	QOP Ultratrace-1 (Aqua Regia ICPMS)	2021-12-24 13:55:46

REPORT A21-22851

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.



ACTIVATION LABORATORIES LTD.
 41 Bitem Street, Ancaster, Ontario, Canada, L9G 4V5
 TELEPHONE +905 848-0811 or +1.888.228.5227 FAX +1.905.848.0813
 E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Eseme, Ph.D.
 Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-22851

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A001001	< 0.001	< 1	0.198	11.7	0.6	15	0.059	1.44	2.61	0.14	< 0.02	2.52	9.6	190	3	942	4.40	23.4	5.8	6100	75.3	9.69	< 0.1
A001002	< 0.001	< 1	0.199	11.0	0.5	12	0.074	1.52	2.95	0.15	< 0.02	3.22	10.0	148	5	851	3.79	20.9	7.2	> 10000	51.9	8.71	< 0.1
A001003	< 0.001	< 1	0.224	15.1	0.7	11	0.043	1.67	3.94	0.06	0.08	3.70	11.3	177	2	1030	4.94	32.0	5.3	> 10000	65.1	10.6	< 0.1
A001004	< 0.001	< 1	0.208	10.9	0.4	17	0.041	1.51	2.89	0.07	< 0.02	5.04	10.6	202	10	1320	4.07	20.3	5.4	164	69.7	11.1	0.1
A001005	< 0.001	1	0.194	13.5	0.6	12	0.043	1.50	3.78	0.05	0.12	4.26	12.4	181	20	987	4.72	32.2	9.3	> 10000	73.1	10.7	< 0.1
A001006	< 0.001	< 1	0.204	8.2	0.6	11	0.036	1.15	2.95	0.02	0.03	3.67	9.5	133	6	860	2.57	23.0	5.7	> 10000	45.2	8.14	< 0.1
A001007	< 0.001	< 1	0.155	12.5	0.5	6	0.057	1.45	2.39	0.11	0.04	2.20	8.5	134	10	655	3.54	22.3	8.1	> 10000	89.3	6.65	< 0.1
A001008	< 0.001	< 1	0.196	13.0	0.7	9	0.064	1.43	2.67	0.14	< 0.02	2.86	10.0	149	6	753	3.86	20.2	7.5	> 10000	84.5	8.56	< 0.1

Results

Activation Laboratories Ltd.

Report: A21-22851

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.1	0.02	0.1	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A001001	2.2	3.9	91.1	11.5	2.3	0.1	0.77	4.06	0.04	0.24	0.05	< 0.02	0.39	69.7	5.9	13.0	1.2	1.8	7.94	2.2	0.1	0.6	2.2
A001002	12.1	4.3	162	12.3	2.6	< 0.1	0.70	1.66	0.03	0.22	0.08	0.05	0.21	59.2	5.0	11.4	0.1	1.6	7.34	1.9	0.1	0.6	2.0
A001003	5.4	1.8	115	10.8	9.7	0.2	1.20	24.5	0.06	0.24	0.04	0.14	0.35	21.6	4.3	10.4	1.8	1.6	7.13	2.0	0.3	0.6	2.0
A001004	5.7	1.8	751	10.3	5.1	< 0.1	1.16	0.066	0.03	0.31	0.42	< 0.02	0.27	28.5	6.4	13.2	< 0.1	1.8	7.42	1.7	0.1	0.5	1.9
A001005	3.5	1.5	234	11.1	9.2	0.2	3.61	21.3	0.08	0.29	0.09	0.13	0.19	17.5	4.8	11.2	1.0	1.6	7.18	2.1	0.5	0.6	2.0
A001006	6.1	0.5	461	9.66	5.2	0.2	1.32	9.53	0.02	0.16	0.20	0.08	0.08	32.9	4.6	10.3	1.4	1.4	6.25	1.6	1.1	0.5	1.7
A001007	2.2	3.1	213	12.6	3.5	0.2	1.22	9.68	0.03	0.30	0.10	0.03	0.16	36.7	6.2	14.1	0.5	1.9	8.91	2.1	0.4	0.6	2.3
A001008	3.6	3.6	131	13.6	2.4	0.1	1.21	4.87	0.05	0.33	0.08	0.02	0.24	70.2	6.5	14.8	0.7	2.0	9.31	2.3	0.4	0.6	2.5

Results

Activation Laboratories Ltd.

Report: A21-22851

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.01	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
A001001	0.4	2.1	0.5	1.3	0.2	1.2	0.2	0.06	< 0.05	< 0.1	< 0.001	4.6	< 0.02	2.4	0.9	0.5	20
A001002	0.4	2.2	0.5	1.4	0.2	1.3	0.2	0.07	< 0.05	< 0.1	< 0.001	5.1	< 0.02	1.7	0.6	0.3	60
A001003	0.4	2.0	0.4	1.2	0.1	1.1	0.1	0.31	< 0.05	< 0.1	< 0.001	1.5	< 0.02	9.3	0.8	0.4	110
A001004	0.3	1.7	0.4	1.1	0.2	1.1	0.2	0.22	0.07	0.1	< 0.001	2.5	< 0.02	3.2	1.2	0.5	10
A001005	0.4	2.0	0.4	1.2	0.2	1.1	0.2	0.32	< 0.05	0.1	0.005	2.8	< 0.02	6.8	0.7	0.4	190
A001006	0.3	1.6	0.4	1.0	0.1	1.0	0.1	0.16	< 0.05	< 0.1	< 0.001	2.6	< 0.02	3.2	0.6	0.3	90
A001007	0.4	2.4	0.5	1.3	0.2	1.2	0.2	0.12	< 0.05	< 0.1	< 0.001	4.6	< 0.02	2.3	0.5	0.4	70
A001008	0.4	2.5	0.5	1.5	0.2	1.3	0.2	0.06	< 0.05	< 0.1	< 0.001	4.5	< 0.02	2.4	0.7	0.4	70

Analyte Symbol	Tl	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 907 (Aqua Regia) Meas	< 0.001	< 1	0.022	4.2	0.8		0.079	0.21	1.03	0.31	22.0	0.26	2.2	6	9	331	8.52	45.1	5.6	6450	146	14.4	
OREAS 907 (Aqua Regia) Cert	0.00001 20	0.0660	0.0240	4.05	0.870		0.0860	0.221	0.945	0.286	22.3	0.280	2.16	5.12	8.59	330	8.18	43.7	4.74	6370	139	14.7	
OREAS 908 (Aqua Regia) Meas	< 0.001	< 1	0.025	3.7	1.0		0.080	0.43	1.34	0.26	45.3	0.26	3.7	9	11	341	15.4	95.5	6.3	> 10000	250	28.9	
OREAS 908 (Aqua Regia) Cert	0.00001 40	0.123	0.0230	3.62	0.800		0.0730	0.389	1.18	0.237	42.0	0.230	3.07	7.91	9.17	300	13.9	84.0	5.62	12500	226	25.3	
OREAS 908 (Aqua Regia) Meas	< 0.001	< 1	0.021	3.6	0.8		0.071	0.37	1.22	0.25	42.4	0.21	2.9	9	9	301	13.5	84.1	6.1	> 10000	232	25.1	
OREAS 908 (Aqua Regia) Cert	0.00001 40	0.123	0.0230	3.62	0.800		0.0730	0.389	1.18	0.237	42.0	0.230	3.07	7.91	9.17	300	13.9	84.0	5.62	12500	226	25.3	
OREAS 45f (Aqua Regia) Meas	< 0.001	< 1	0.025		1.2		0.035	0.17	6.38	0.09	0.16	0.08	35.4	216	382	154	15.1	43.8	206	353	23.9	21.8	0.1
OREAS 45f (Aqua Regia) Cert	0.00001 20	0.0270	0.0220		0.980		0.0320	0.152	4.81	0.0820	0.170	0.0750	31.4	217	341	150	13.7	39.2	192	336	22.2	20.3	0.120
OREAS 45f (Aqua Regia) Meas	< 0.001	< 1	0.022		1.0		0.034	0.15	5.45	0.07	0.16	0.08	31.6	186	335	155	14.1	38.7	195	341	21.6	18.5	< 0.1
OREAS 45f (Aqua Regia) Cert	0.00001 20	0.0270	0.0220		0.980		0.0320	0.152	4.81	0.0820	0.170	0.0750	31.4	217	341	150	13.7	39.2	192	336	22.2	20.3	0.120
OREAS 521 (Aqua Regia) Meas	< 0.001	2	0.086	15.7	0.6		0.043	1.09	1.31	0.47	6.23	3.60	9.7	208	33	2970	19.6	370	71.9	5910	26.4	12.9	0.1
OREAS 521 (Aqua Regia) Cert	0.00001	2	0.081	16.7	0.5		0.045	1.10	1.44	0.53	5.84	3.66	10	200	33	3000	20.0	374	68.0	5990	23.6	14.3	0.3
A001007 Orig	< 0.001	< 1	0.158	12.7	0.5	6	0.056	1.50	2.47	0.11	0.04	2.31	8.8	137	10	672	3.62	22.7	8.3	> 10000	92.2	6.76	< 0.1
A001007 Dup	< 0.001	< 1	0.152	12.3	0.4	6	0.059	1.39	2.30	0.11	0.04	2.09	8.3	131	10	637	3.46	21.9	7.9	> 10000	86.3	6.53	< 0.1
Method Blank	< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	< 0.001	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	2	< 1	< 1	< 0.01	< 0.1	< 0.1	< 0.2	< 0.1	0.13	< 0.1

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.1	0.1	0.02	0.1	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 907 (Aqua Regia) Meas	36.4	17.7	12.4	6.96	9.9		5.54	1.27	2.30	2.14	1.68	0.24	1.23	196	38.8	74.5	0.5	8.0	28.9	4.8	9.7	0.9	3.2
OREAS 907 (Aqua Regia) Cert	37.0	16.7	11.7	6.52	43.7		5.64	1.30	2.35	2.34	2.28	0.230	1.17	225	36.1	73.0	0.540	7.36	27.8	4.79	9.05	0.950	3.45
OREAS 908 (Aqua Regia) Meas	70.5	16.7	13.2	6.60	23.6		9.52	2.53	4.81	4.02	4.07	0.53	1.15	126	32.2	61.4	0.8	7.0	23.5	4.2	17.5	1.0	3.1
OREAS 908 (Aqua Regia) Cert	62.0	14.2	11.8	6.01	38.5		9.29	2.32	4.55	3.57	3.69	0.450	1.01	171	30.1	61.0	0.780	6.07	22.5	4.09	17.3	1.02	2.91
OREAS 908 (Aqua Regia) Meas	59.1	14.0	11.5	6.03	19.8		9.13	2.24	4.35	3.28	2.76	0.48	1.04	119	30.6	58.3	0.8	6.2	22.2	4.4	19.1	0.9	2.8
OREAS 908 (Aqua Regia) Cert	62.0	14.2	11.8	6.01	38.5		9.29	2.32	4.55	3.57	3.69	0.450	1.01	171	30.1	61.0	0.780	6.07	22.5	4.09	17.3	1.02	2.91
OREAS 45f (Aqua Regia) Meas		15.2	13.7	7.10	11.0		0.72		0.09	2.06			1.66	177	11.9	22.3		2.5	9.04	1.5		0.5	1.7
OREAS 45f (Aqua Regia) Cert		14.4	13.2	6.74	30.0		1.19		0.0870	1.97			1.88	158	10.7	0.0223		2.63	10.1	1.91		0.490	1.70
OREAS 45f (Aqua Regia) Meas		12.4	12.5	6.21	11.7		0.67		0.08	1.57			1.46	160	11.1	21.7		2.2	8.12	1.8		0.4	1.5
OREAS 45f (Aqua Regia) Cert		14.4	13.2	6.74	30.0		1.19		0.0870	1.97			1.88	158	10.7	0.0223		2.63	10.1	1.91		0.490	1.70
OREAS 521 (Aqua Regia) Meas	324	30.1	22.8	13.6	43.6	0.3	147	0.787	0.17	4.89	2.25	0.78	0.57		110	104						1.9	
OREAS 521 (Aqua Regia) Cert	333	31.8	54.0	15.0	38.3	0.5	133	0.817	0.17	5.78	3.65	0.74	0.55		147	121						2.4	
A001007 Orig	2.2	3.1	225	13.1	3.5	0.2	1.26	9.85	0.03	0.32	0.11	0.03	0.17	37.8	6.3	14.3	0.5	2.0	8.95	2.1	0.4	0.6	2.4
A001007 Dup	2.1	3.1	202	12.2	3.5	0.2	1.19	9.52	0.04	0.29	0.09	0.03	0.16	35.7	6.1	13.9	0.5	1.9	8.86	2.1	0.4	0.6	2.3
Method Blank	1.0	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	0.02	< 0.002	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	< 0.5	< 0.5	< 0.01	< 0.1	< 0.1	< 0.02	< 0.1	0.2	< 0.1	< 0.1

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.01	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 907 (Aqua Regia) Meas	0.4	1.7	0.2	0.4	< 0.1	0.3	< 0.1	0.15		0.7		90.9	0.12	33.4	8.9	2.2	
OREAS 907 (Aqua Regia) Cert	0.430	1.63	0.210	0.430	0.0490	0.290	0.0390	1.09		0.980		101	0.120	34.1	8.04	2.15	
OREAS 908 (Aqua Regia) Meas	0.4	1.5	0.2	0.5	< 0.1	0.4	< 0.1	0.46		1.1		193	0.16	55.7	6.4	1.8	
OREAS 908 (Aqua Regia) Cert	0.360	1.46	0.200	0.450	0.0570	0.370	0.0520	0.990		1.51		186	0.140	56.0	6.61	1.77	
OREAS 908 (Aqua Regia) Meas	0.3	1.4	0.2	0.5	< 0.1	0.4	< 0.1	0.36		0.9		175	0.14	54.9	7.0	1.7	
OREAS 908 (Aqua Regia) Cert	0.360	1.46	0.200	0.450	0.0570	0.370	0.0520	0.990		1.51		186	0.140	56.0	6.61	1.77	
OREAS 45f (Aqua Regia) Meas	0.3	1.5	0.3	0.8	0.1	0.7	0.1	0.26					0.12	12.5	7.6	1.1	30
OREAS 45f (Aqua Regia) Cert	0.250	1.49	0.280	0.780	0.110	0.690	0.0970	0.930					0.120	12.4	7.67	1.09	31.0
OREAS 45f (Aqua Regia) Meas	0.3	1.4	0.3	0.8	< 0.1	0.7	< 0.1	0.21					0.11	12.5	8.4	1.0	30
OREAS 45f (Aqua Regia) Cert	0.250	1.49	0.280	0.780	0.110	0.690	0.0970	0.930					0.120	12.4	7.67	1.09	31.0
OREAS 521 (Aqua Regia) Meas	0.4					1.4	0.2	1.08		72.8		392	0.10	8.7	6.1	28.1	
OREAS 521 (Aqua Regia) Cert	0.5					1.5	0.2	1.03		71.0		365	0.11	9.0	7.8	28.2	
A01007 Orig	0.4	2.5	0.5	1.4	0.2	1.2	0.2	0.11	< 0.05	< 0.1	< 0.001	5.2	< 0.02	2.4	0.5	0.4	80
A01007 Dup	0.4	2.3	0.5	1.3	0.2	1.1	0.2	0.12	< 0.05	< 0.1	< 0.001	4.1	< 0.02	2.3	0.5	0.4	80
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.01	< 0.05	< 0.1	< 0.001	1.3	< 0.02	< 0.1	< 0.1	< 0.1	< 10

Quality Analysis ...



Innovative Technologies

Report No.: A21-22851-Final2

Report Date: 01-Feb-22

Date Submitted: 09-Dec-21

Your Reference:

Triumph Gold
880-1631 Dickson Ave
Kelowna BC V1Y 0B5
Canada

ATTN: Marty Henning

CERTIFICATE OF ANALYSIS

8 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-Peroxide ICP	QOP Sodium Peroxide (Sodium Peroxide Fusion ICP)	2022-01-26 18:22:40

REPORT A21-22851-Final2

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Notes:

ACTLABS



LABS

LabID: 255

ACTIVATION LABORATORIES LTD.

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

CERTIFIED BY:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results**Activation Laboratories Ltd.****Report: A21-22851**

Analyte Symbol	Cu
Unit Symbol	%
Lower Limit	0.005
Method Code	FUS- Na2O2
A001002	1.20
A001003	4.12
A001005	4.25
A001006	2.85
A001007	1.96
A001008	1.15

QC

Activation Laboratories Ltd.

Report: A21-22851

Analyte Symbol	Cu
Unit Symbol	%
Lower Limit	0.005
Method Code	FUS- Na2O2
PTM-1a Meas	24.5
PTM-1a Cert	24.96
CZN-4 Meas	0.392
CZN-4 Cert	0.403
CCU-1e Meas	21.7
CCU-1e Cert	22.9
OREAS 624 (Peroxide Fusion) Meas	3.07
OREAS 624 (Peroxide Fusion) Cert	3.08
A001008 Orig	1.16
A001008 Dup	1.15
Method Blank	< 0.005