



BC Geological Survey
Assessment Report
39562



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

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: TECHNICAL - PROSPECTING

TOTAL COST: \$ 2,741.05

AUTHOR(S): KEN ELLERBECK

SIGNATURE(S):

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

YEAR OF WORK: 2021

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): EVENT #5843552

PROPERTY NAME: RHYOLITE

CLAIM NAME(S) (on which the work was done): 1064900

COMMODITIES SOUGHT: Au Ag Cu

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092ISE012

MINING DIVISION: KAMLOOPS

NTS/BCGS: 092I07E

LATITUDE: 50 ° 26 ' 27.5 " LONGITUDE: -120 ° 41 ' 11.5 " (at centre of work)

OWNER(S):

1) KEN ELLERBECK

2)

MAILING ADDRESS:

255 BATTLE STREET WEST, KAMLOOPS, BC V2C1G8

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

1) KEN ELLERBECK

2)

MAILING ADDRESS:

255 BATTLE STREET WEST, KAMLOOPS, BC V2C1G8

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

Amygdaloidal Andesite, Tuff, Upper Triassic Nicola.Chlorite, Calcite, Epidote, Silica, Malachite, Azurite, Propylitic, Silicific'n, Oxidation
Fractured, mineral in seams and joint plains. Stockwork Hydrothermal, Epigenetic. E-W strike, dip steep South. 6 m. wide.
Mineral-Cuprite, Malachite, Azurite, Chalcopyrite, Pyrite, hosted by shears and fracture-fillings in vesicular volcanics and red tuffs.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

265, 3668, 3763, 3764, 14959, 15060, 17337, 18048, 36058

Next Page

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area) 200m x 600m		1064900	\$2,741.05
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
TOTAL COST:			\$2,741.05

KEN ELLERBECK

(Owner & Operator)

TECHNICAL EXPLORATION REPORT

(Event #5843552)
on

PROSPECTING and EXPLORING

Work done on

Tenures 1064900

of the 14 Claim

RHYOLITE CLAIM GROUP

**Kamloops Mining Division
BCGS Maps 0921047**

**Centre of Work
UTM 10 666598E 5590248N**

AUTHOR KEN ELLERBECK, PMP

REPORT SUBMITTED October 28, 2021

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INTRODUCTION

PURPOSE

In August 2021 a prospecting program was completed on Tenure 1064900 of the 14 claim RHYOLITE CLAIM GROUP. The purpose was to locate, if possible, historic reported geological features (Au, Ag, Cu bearing structures) as well as to prospect for unidentified outcrops and showings of significance. The author wanted to locate any historic trenching and sample bedrock if available. Report information was obtained from Selected References and from an August 28, 2021, property examination.

ACCESS AND LOCATION

The property is located approximately 12 km. east of Logan Lake, BC and 40 km. south of Kamloops, BC.

Access is via Coquihalla Highway south from Kamloops, BC to Logan Lake highway, then south on the Surrey Lake Road for 5000 m. From there, a network of gravel and dirt roads give access to most areas of the claims. Paved roads leading to the claims include the Coquihalla Highway and the Logan Lake-Kamloops highway that passes near the northern boundary of the property. The gravel Surrey Lake Road and Homfray Lake Roads provide access to the property. Old four-wheel drive logging roads provide additional foot access on the property.

PHYSIOGRAPHY

The property is located in the Interior Plateau of southern British Columbia. Topography is gentle to steep and elevation varies from 1240 to 1440 metres above sea level. Many creeks drain the project area and numerous swamps and meadows are found along the creeks. A number of Lakes are also located within the property boundary. Snowfall is moderate and water is available from the lakes, creeks and swamps. Vegetation consists of swamps, open grassy meadows and forest-covered areas. The forested areas vary from aspen and spruce to jack pine and fir. Logan Lake, Kamloops and Merritt, BC, all historic mining centers, are a source of experienced and reliable exploration and mining personnel and mining related equipment.

PROPERTY DESCRIPTION

RHYOLITE Claim Group

Mineral Titles Online Report



Tenure Number ID	Claim Name	Tenure Type Description	Tenure Subtype Description	Issue Date	Good to Date	Area in Hectares	Client Number ID	Owner Name	Percent Ownership
1039697	MEADOW-PLUG	Mineral	CLAIM	11/2/2015	10/25/2024	123.4801	107608	ELLERBECK, KENNETH CECIL	100
1039713	PLUG IT	Mineral	CLAIM	11/2/2015	10/25/2024	82.3091	107608	ELLERBECK, KENNETH CECIL	100
1049929	PLUG NORTH	Mineral	CLAIM	2/10/2017	10/25/2024	61.7282	107608	ELLERBECK, KENNETH CECIL	100
1064406	RHYOLITE HOMFRAY	Mineral	CLAIM	11/10/2018	10/25/2024	411.4882	107608	ELLERBECK, KENNETH CECIL	100
1064715	DES	Mineral	CLAIM	11/26/2018	10/25/2024	164.6966	107608	ELLERBECK, KENNETH CECIL	100
1064900	DES-PLUG	Mineral	CLAIM	12/4/2018	10/25/2024	205.7844	107608	ELLERBECK, KENNETH CECIL	100
1066816		Mineral	CLAIM	2/25/2019	10/25/2024	226.3857	107608	ELLERBECK, KENNETH CECIL	100
1067470	HELLO MOLLY	Mineral	CLAIM	3/27/2019	10/25/2024	61.7528	107608	ELLERBECK, KENNETH CECIL	100
1069575	BERTHA DES	Mineral	CLAIM	7/10/2019	10/25/2024	123.4954	107608	ELLERBECK, KENNETH CECIL	100
1073890	DES 2	Mineral	CLAIM	1/14/2020	10/25/2024	82.3483	107608	ELLERBECK, KENNETH CECIL	100
1079101	POM POM	Mineral	CLAIM	10/11/2020	10/25/2022	20.5877	107608	ELLERBECK, KENNETH CECIL	100
1079102	QUEN	Mineral	CLAIM	10/11/2020	10/25/2022	41.1825	107608	ELLERBECK, KENNETH CECIL	100
1079112	BERTHA 2	Mineral	CLAIM	10/12/2020	10/1/2022	781.8677	107608	ELLERBECK, KENNETH CECIL	100
1079113	POM QUEN	Mineral	CLAIM	10/12/2020	10/25/2022	576.4934	107608	ELLERBECK, KENNETH CECIL	100

Figure 1 LOCATION MAP from MTO Mapbuilder

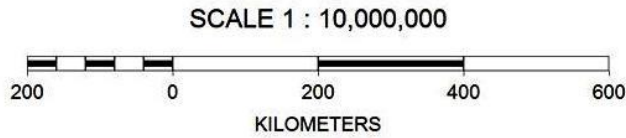


Figure 2 CLAIM LOCATION MAP 2021 (Base Map GOOGLE EARTH)

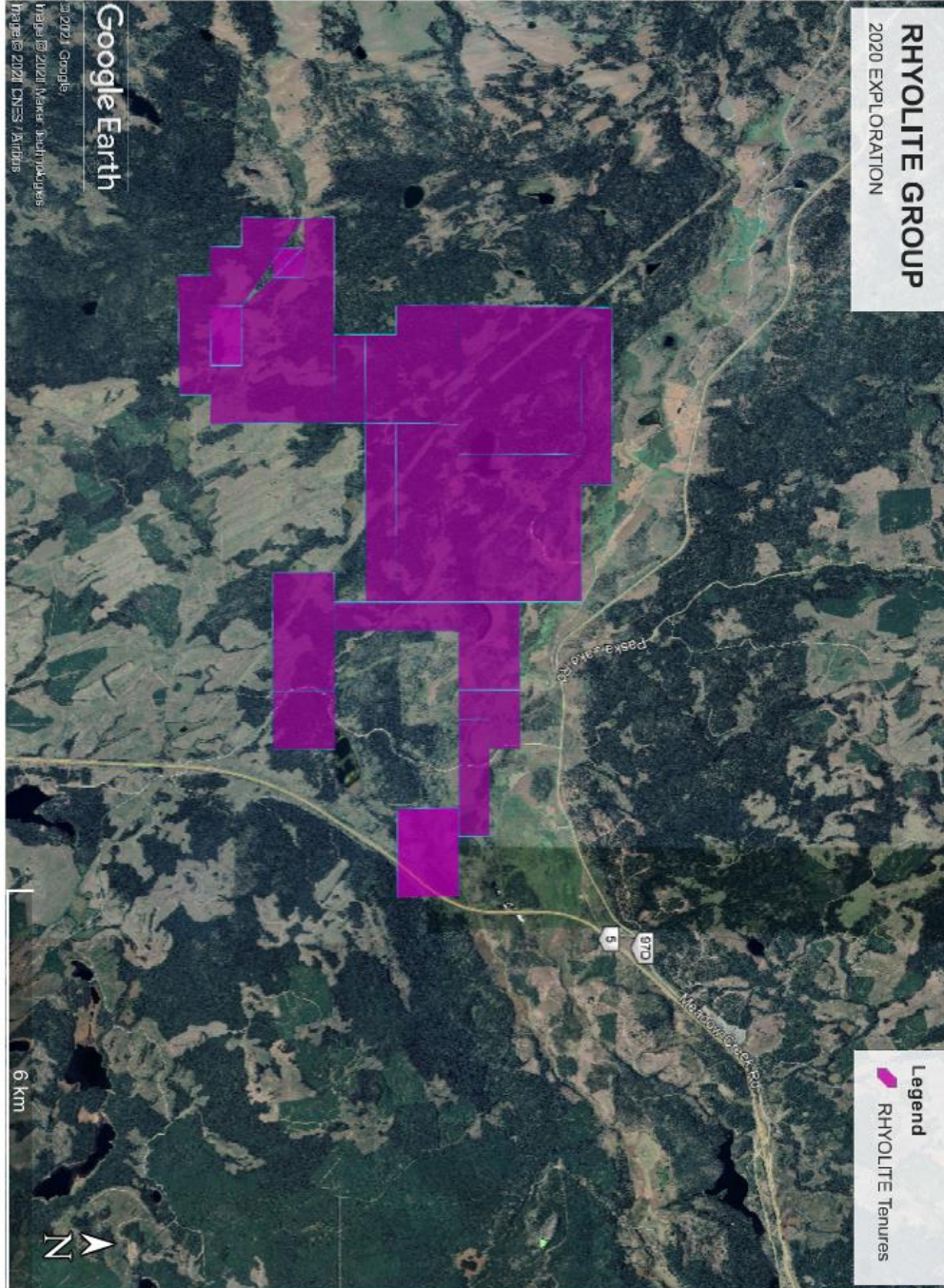


Figure 3 Regional Location Map 2021 (Base Map GOOGLE EARTH)

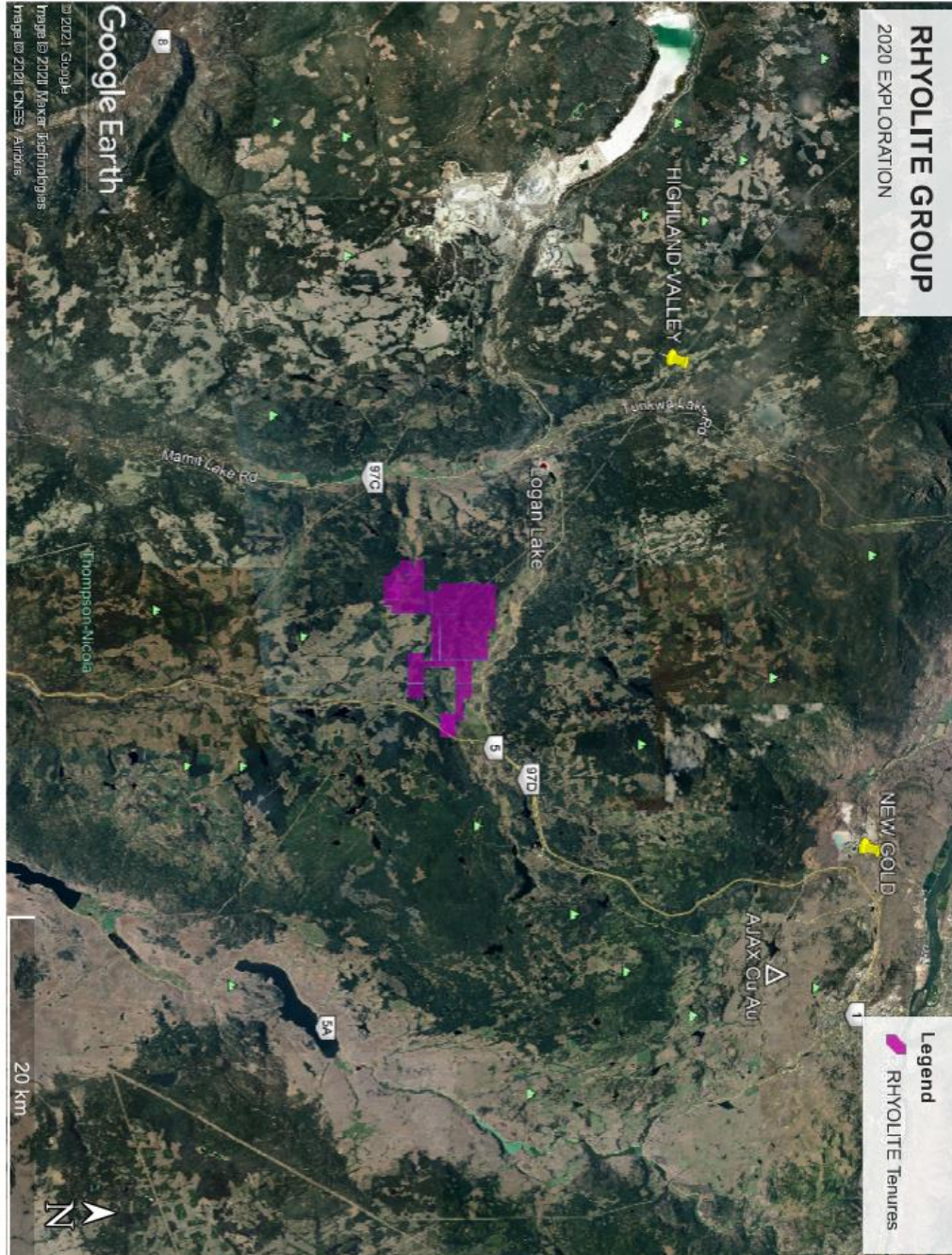
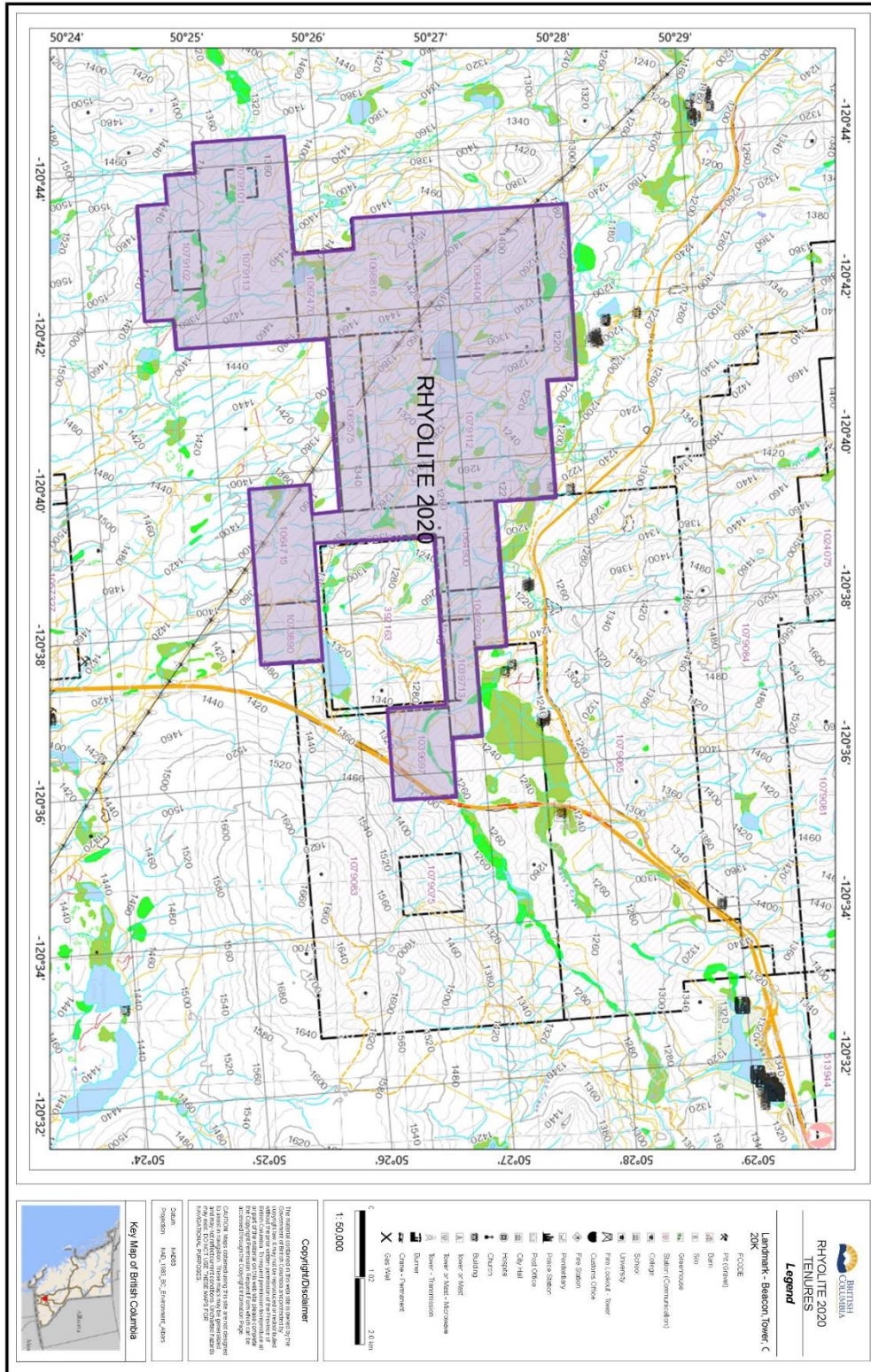
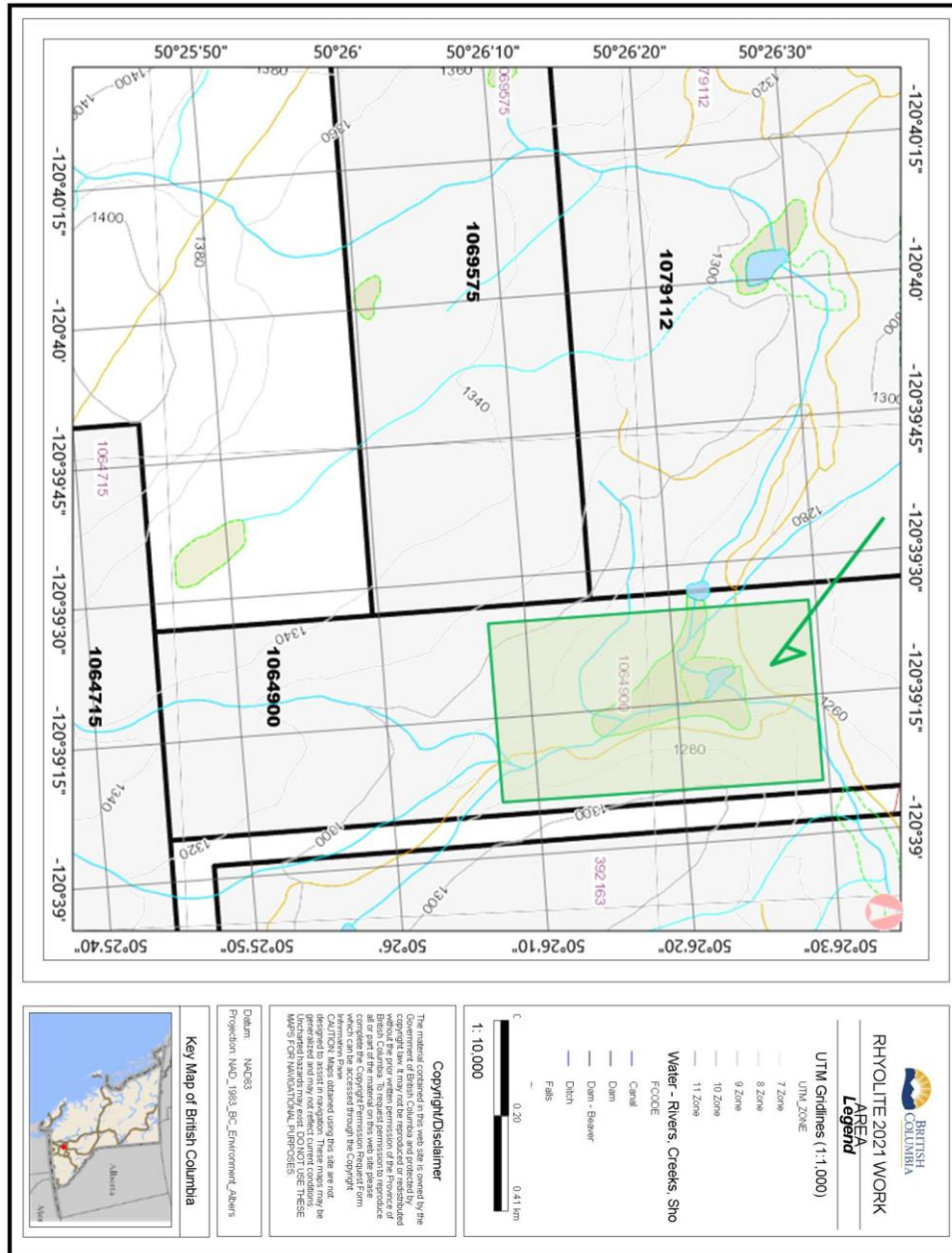


Figure 4 Claim Map and Index Map 2021





HISTORY

Exploration by others on land in and near the current RHYOLITE Claim Group has been reported. Current tenures are believed by the Author to include the RHYOLITE, JHC, POM POM, BERTHA-MOLLY, and QUEN showings and workings historically reported. The RHYOLITE Project area is located in the Intermontane Belt of the Canadian Cordillera that is underlain by Triassic volcanic and sedimentary rocks of the Nicola Group. The Nicola Group

is a complex combination of volcanic and sedimentary rocks. A variety of igneous rocks intrude the Nicola Group complex.

The district is host to the Highland Valley copper mines, in Logan Lake (Teck-Cominco), the Afton and New Afton mine, in Kamloops (Teck-Cominco and New Gold) and the historic Craigmont mine, in Merritt (Placer Development).

The RHYOLITE Claim Group was acquired by online staking by the Author and Current Owner, and by acquisition of Tenure 1066816. See Page 3 of this report for Tenure list.

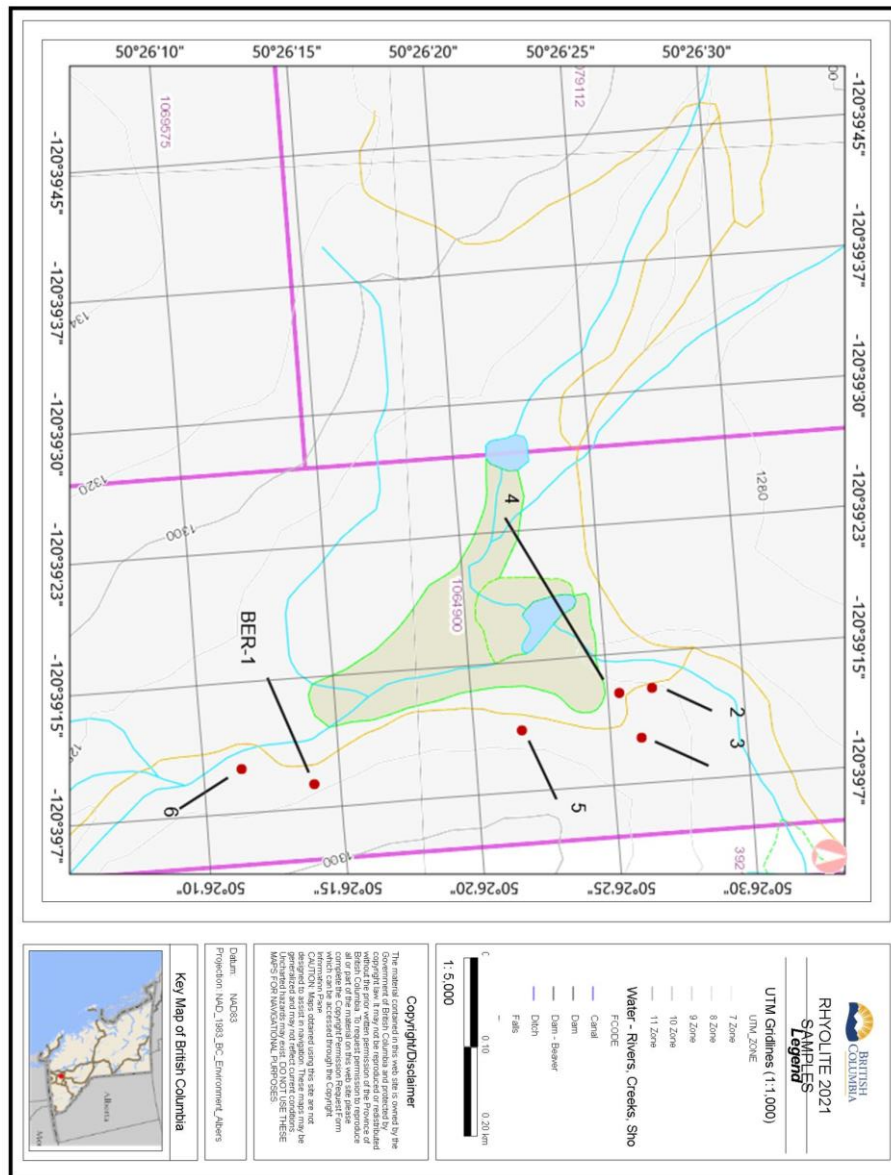
Table 7. Summary of exploration history and exploration results

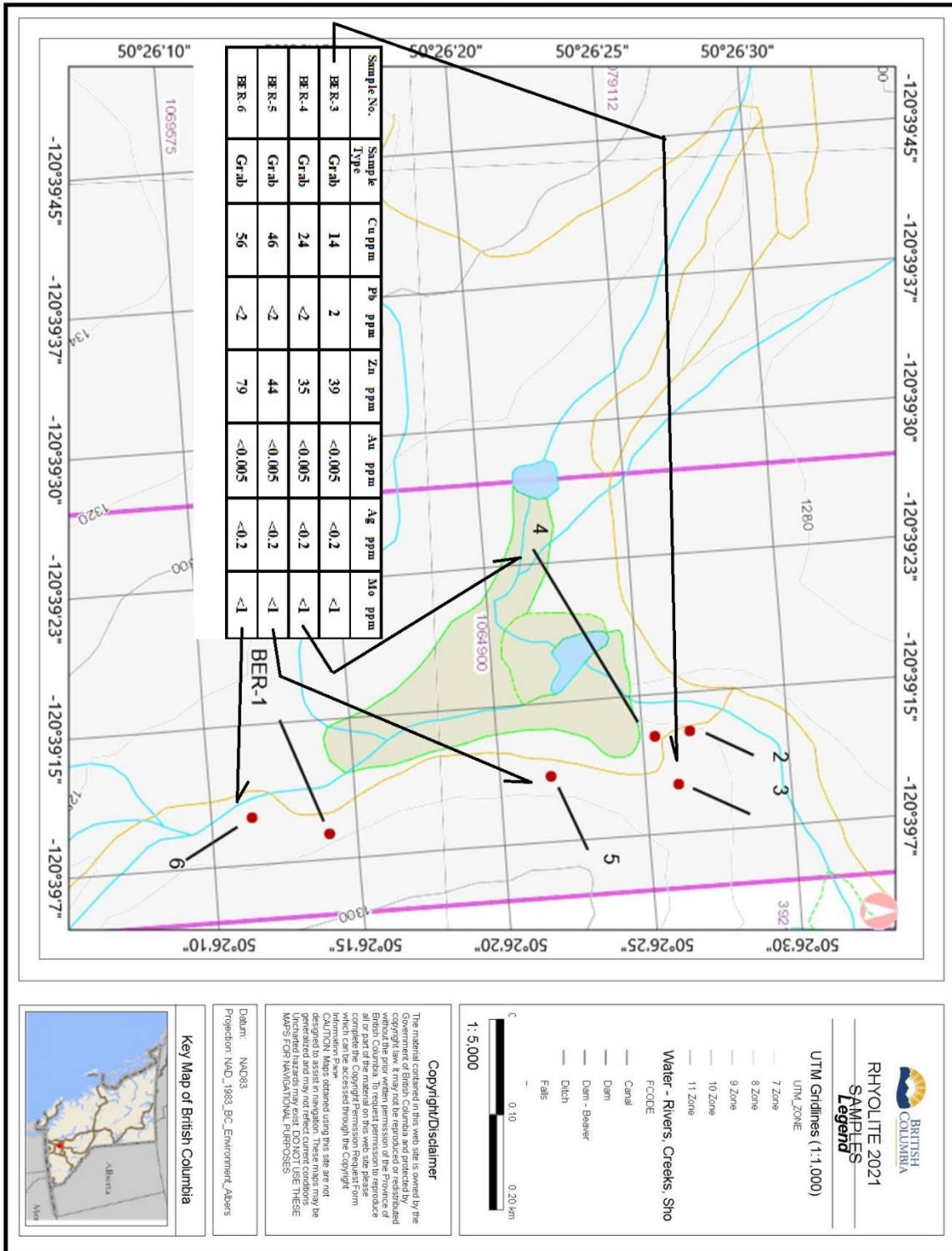
Year	Owner or Operator (Author of report)	Exploration results	References AR = Assessment Report Figure = Figure in this report
1958	Vanex Minerals Ltd. (McBeath)	Magnetometer Survey	AR 234
1959	Vanex Minerals Ltd. (Hill)	No significant anomalies. Road building in the Homfray Lake area	AR 266A
1959	Vanex Minerals Ltd.	Hole No. 1: The lower portion of the hole encountered a siliceous, altered grey-green rock with considerable pyrite. Hole No. 2: Altered volcanics were noted but no mineralization was reported	AR 18048 Figure 5
1978	Thunderbolt Resources Ltd.	Correlative magnetometer lows with VLF-EM anomalies possibly reflecting strong fault, shear zone or hydrothermal alteration	AR 7268 Figures 6 & 7
1980	Thunderbolt Resources Ltd.	Anomalous values in copper, zinc, and molybdenum	AR 8397 Figure 8
1986	Western Resource Technologies Inc.	Anomalous gold, silver, and arsenic. Future exploration should be concentrated on the precious metals	AR 14959 Figure 9-10
1987	Interpretex Resources Ltd.	No significant gold and silver anomalies over the two VLF-EM conductors tested	AR 16189 Figure 11
1988	Western Resource Technologies Inc	One weak gold geochemical anomaly and a number of copper and zinc geochemical anomalies.	AR 17337 Figure 12-13
1988	Western Resource Technologies Inc	A few scattered values of gold, silver and copper were anomalous over the 1987 copper-zinc geochemical anomaly. Target for massive sulphides	AR 18048 Figures 14-15
2005	Aurora Capital Inc.	The mineralization of silver, copper, and zinc and heavy pyrite associated with silicified andesite, rhyodacite and flow-pyroclastics at the Rhyolite showing is good indication for a prospective exploration target for stratabound mineralization	No AR
2006	Auror Capital Inc.	The Rhyolite mineral showing of the Katrina property may be an indication of mineral seepage along the favorable structural zone of three intersecting structures from deep seated mineral zones.	AR 28671 Figure 16
2008	Auror Capital Inc.	Rhyolite I zone of potential mineralization discovered	No AR Figures 17-19
2016	Delorme	Anomalous magnetometer low may indicate a cross-structural location	AR 35735 Figures 20-21

SUMMARY OF WORK DONE August 2021.

Prospecting was conducted on 1064900 on August 28, 2021. (Figure 4 Index - Work Area). The focus of the work program was to locate historic trenching areas, sample outcropping, and to prospect for unrecorded showings and mineralization. Six (6) rock grab samples were taken from outcrop and four (4) of those samples were assayed. One (1) field day was spent on the claims, including prospecting and travelling to and from the property. One (1) day was spent researching reference material, one (1) day for database compilation and general research, and a further one (1) day was spent compiling data, drafting and writing this report.

Figure 5 Sample Location Area Map 1064900

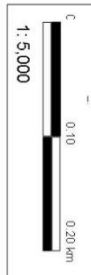




Key Map of British Columbia

Datum: NAD83
 Projection: NAD_1983_BC_Environment_Abers

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- Legend**
- 7 Zone
 - 8 Zone
 - 9 Zone
 - 10 Zone
 - 11 Zone
 - Water - Rivers, Creeks, Sho
 - FOODE
 - Canal
 - Dam
 - Dam - Beaver
 - Ditch
 - Falls

RHYOLITE 2021 SAMPLES Legend
 UTM Gridlines (1:1,000)
 UTM_ZONE

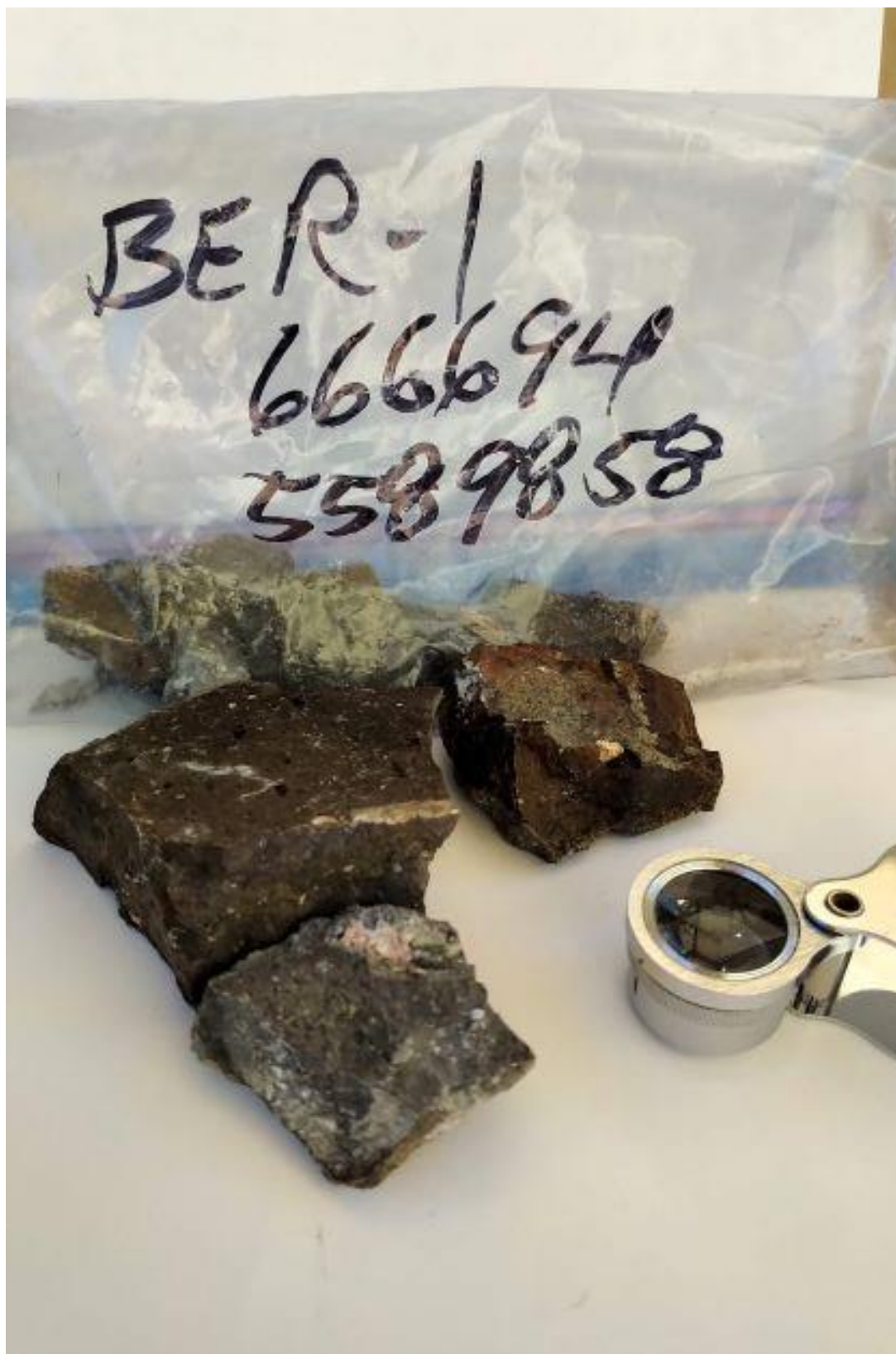
Table I. Particulars of Grab Samples - ELLERBECK (2021) RHYOLITE

LOCATION / SAMPLE #	UTM LOCATION		DESCRIPTION
			All OUTCROP grab samples unless indicated
BER-1	0666694	5589858	Dark gray-green volcanic-andesite. White amygdules Qtz eyes Qtz-Granite vein Multiple events. No visible metal. Very Hard. Iron stain surface and in fractures. E-W strike Dip-near vert.
BER-2	0666598	5590248	Dark brown-black-green volcanics vesicular, amygdaloidal chlorite, highly silicified, andesite. Qtz flooding Greenstone? No visible metal. Qtz veinlets-qtz eyes. E-W stk-Dip-near vert. 10 metre width
BER-3 to Lab	0666602	5590232	Dark brown-black-green volcanics vesicular, amygdaloidal chlorite, highly silicified, andesite. Qtz flooding altered Greenstone banding No visible metal. Iron stain surface Qtz veinlets-qtz eyes. E-W stk-Dip-near vert. 10 metre width
BER-4 to Lab	0666606	5590233	Dark brown-black-green volcanics vesicular, amygdaloidal chlorite, highly silicified, andesite. Qtz flooding altered Greenstone banding No visible metal. Iron stain surface Qtz veinlets-qtz eyes. E-W stk-Dip-near vert. 10 metre width
BER-5 to Lab	0666648	5590107	Dark grey-green volcanics. Vesicular andesite, large amygdules (chlorite), vugs Qtz eyes Very Hard. No Visible metal, Iron staining E-W strikeDip-near vert.3 m width
BER-6 to Lab	0666679	5589797	Dark green Greenstone fractured volcanics andesite vesicular and amygdaloidal (qtz-chlorite). Qtz veins-veinlets Qtz flooding Visible metal – Magnetite in veinlets Very Hard. Iron in vugs Hematite in veinlets? Qtz eyes E-W strikeDip-vert. 20 m width

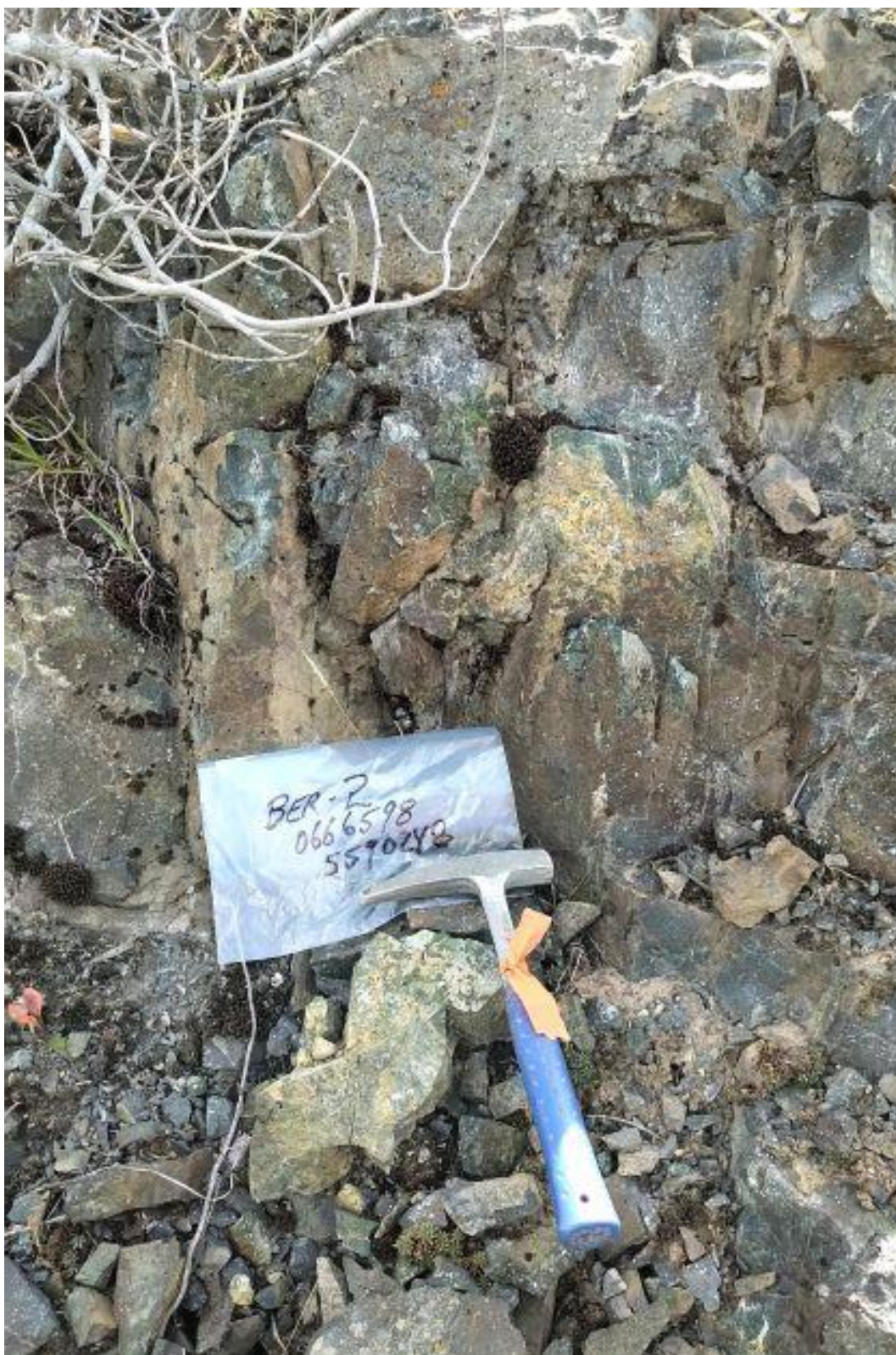
**FIGURE 6 LOCATION AND TYPICAL ROCK PICTURES
BER-1 TYPICAL ROCK PICTURE**



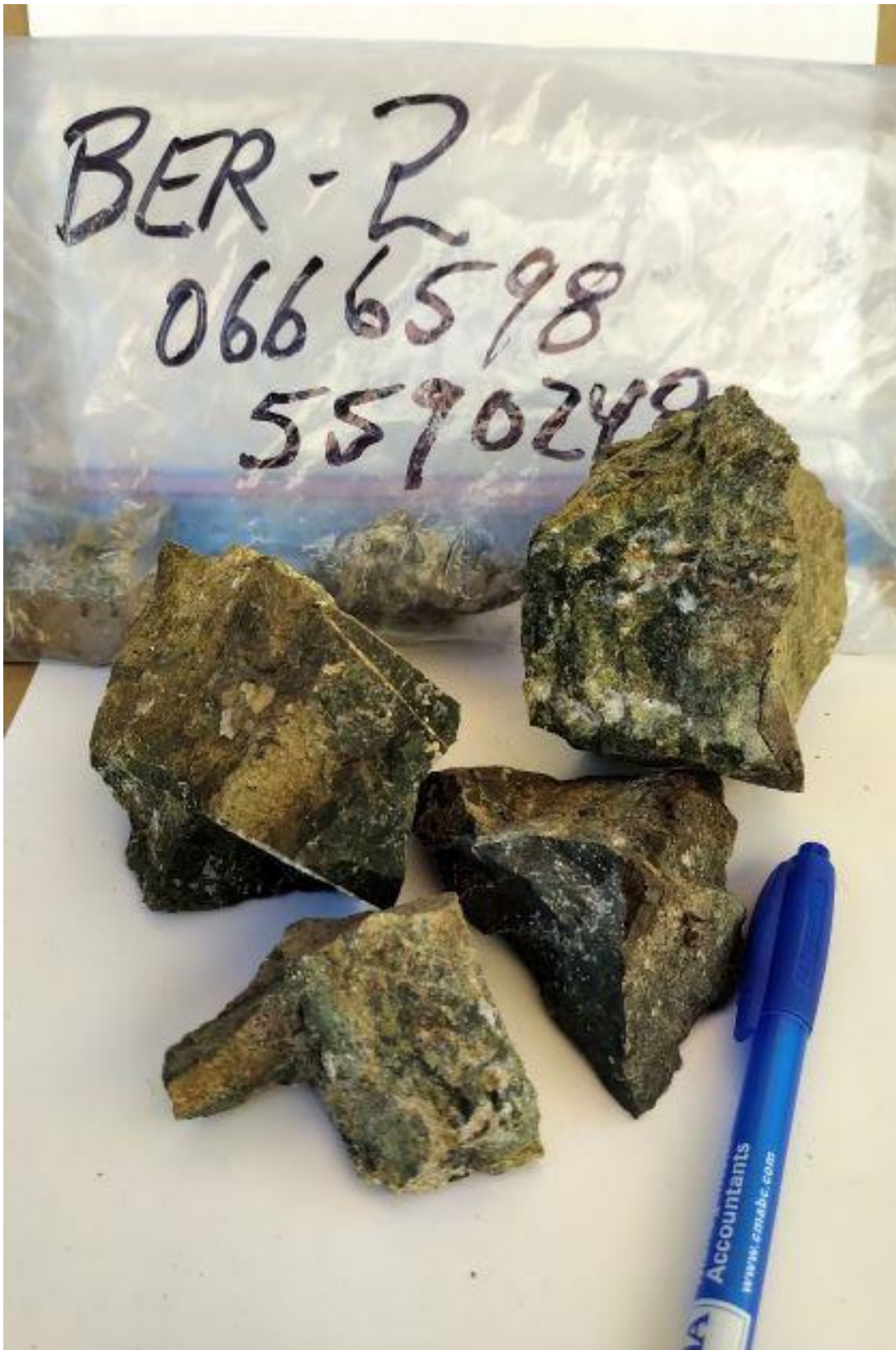
BER-1 TYPICAL ROCK PICTURE



BER -2 TYPICAL ROCK PICTURE



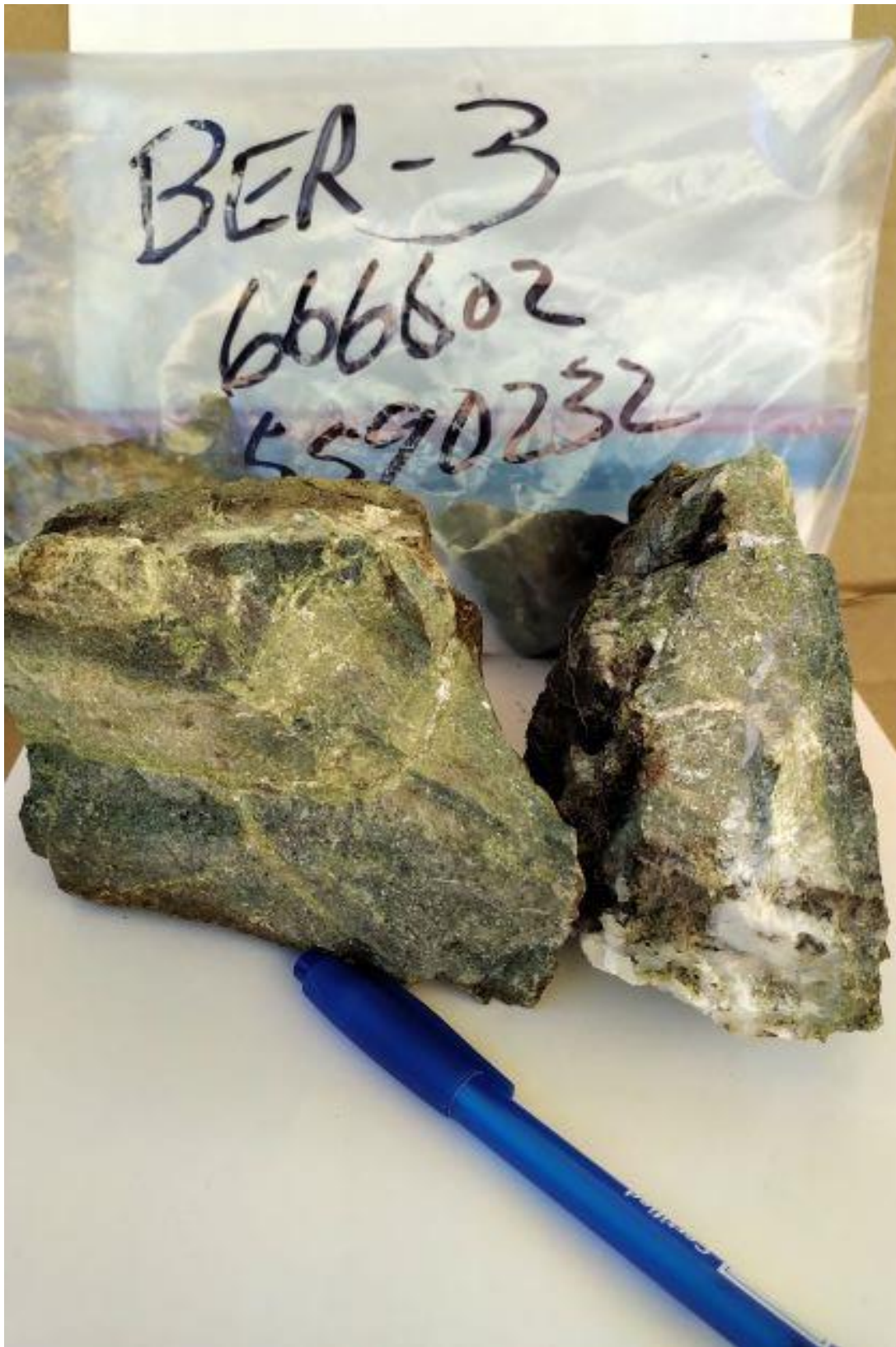
BER-2 TYPICAL ROCK PICTURE



BER-3 TYPICAL ROCK PICTURE



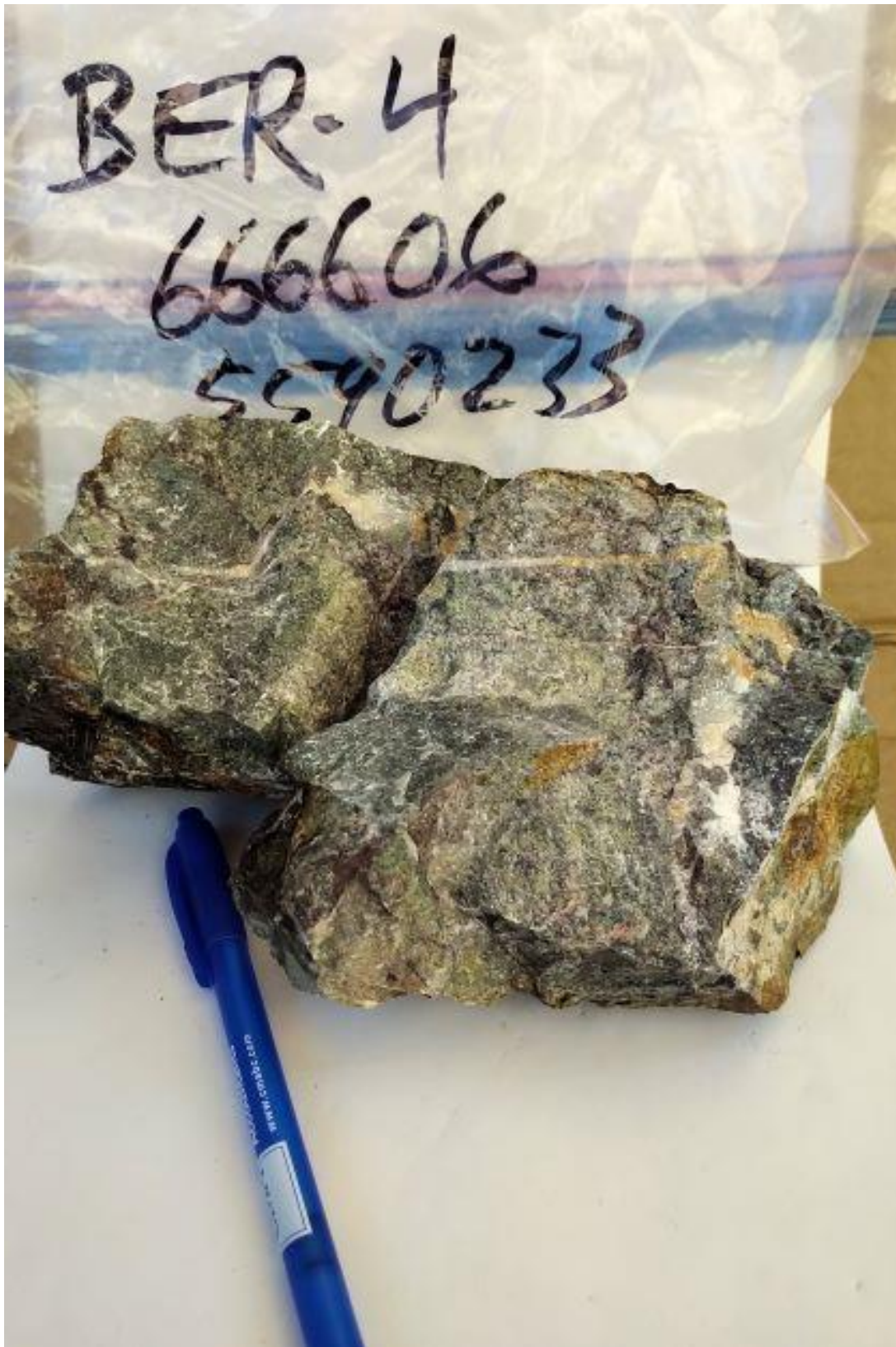
BER-3 TYPICAL ROCK PICTURE



BER-4 TYPICAL ROCK PICTURE



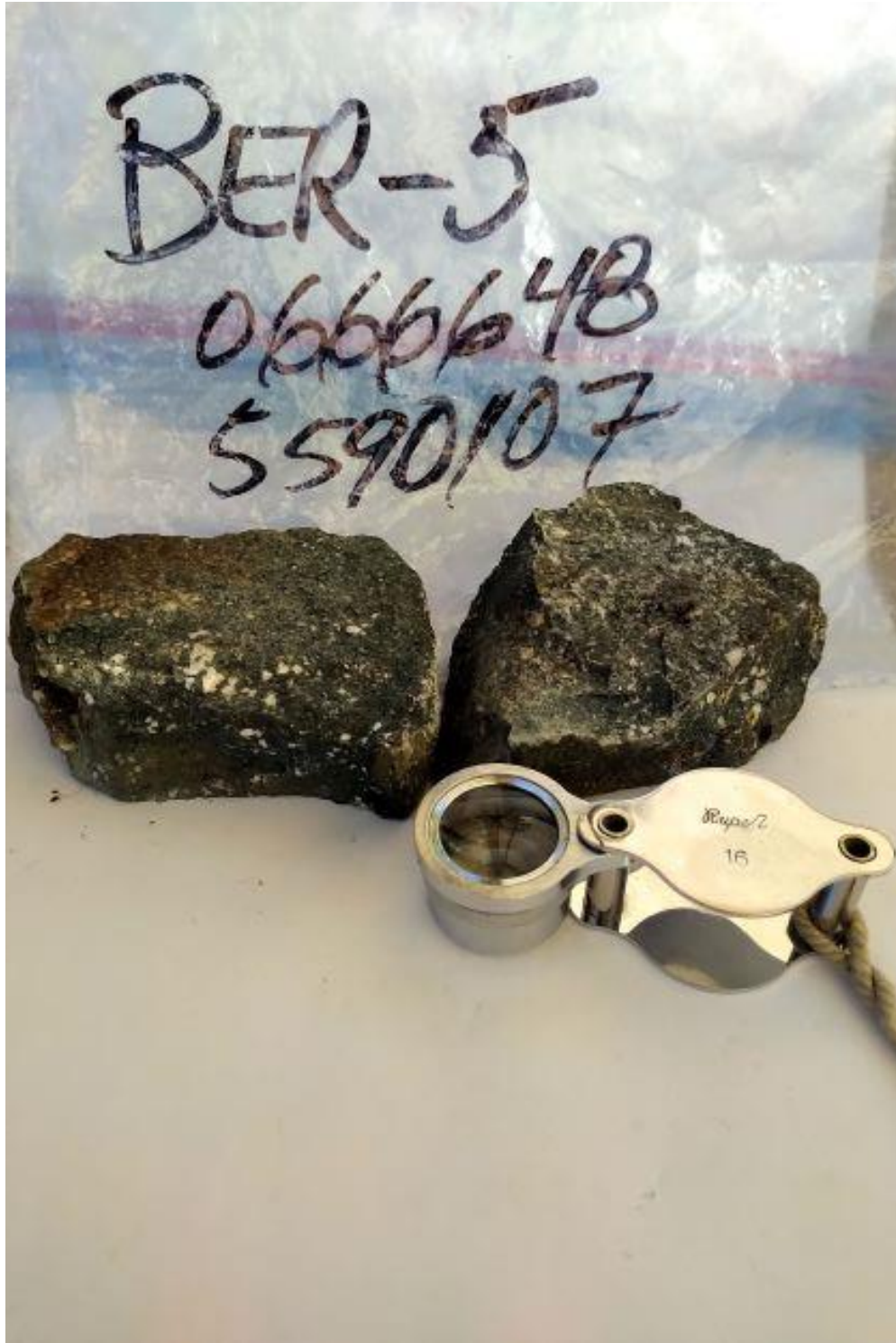
BER-4 TYPICAL ROCK PICTURE



BER-5 TYPICAL ROCK PICTURE



BER-5 TYPICAL ROCK PICTURE



BER-6 TYPICAL ROCK PICTURE



BER-6 TYPICAL ROCK PICTURE



SUMMARY OF REGIONAL AND PROPERTY GEOLOGY**REGIONAL GEOLOGY**

From AR 28671 Laurence Sookochoff PEng for Aurora Capital Corp. 2006

REGIONAL GEOLOGY

Regionally, the property is situated within the Quesnel Trough, a 30 to 60 km wide belt of Lower Mesozoic volcanic and related strata enclosed between older rocks and much invaded by batholiths and lesser intrusions (Campbell and Tipper, 1970). The southern part is the well-known Nicola belt, continuing nearly 200 km to its termination at the U.S. border. The Nicola belt is enveloped by the Guichon Creek Batholith, host to the major porphyry copper mines of the Highland Valley, to the west, the Wild Horse Batholith to the east, and the Iron Mask Batholith, host to the former Afton Mine, to the north northeast.

The Guichon Batholith is comprised of varying phases of intrusive with the ore-bodies of the Highland Valley not restricted to any one phase. The Bethlehem Copper JA deposit occurs in and adjacent to a quartz plagioclase aplite stock which intruded rocks of the Guichon variety and Bethlehem phase of the Guichon Creek Batholith. The largest deposit of the camp, the Valley

Copper deposit, is entirely in quartz monzonite of the Bethsaida phase and is west of the Lornex fault. The Lornex and the Valley Copper ore-bodies in the Highland Valley are located at the low edge of an airborne magnetic high. The magnetic high traces the Highland Valley and the Lornex fault systems and clearly indicates the fault pattern of the system and the ore-bodies Occurring within a magnetic low due to the supergene and dynamic related destruction of magnetite.

The ore-deposits of the Highland Valley are structurally controlled. Movements on the Lornex and Highland Valley faults occurred simultaneously and alternatively in the final phases of intrusion of the Guichon Batholith. The fault planes provided the openings for the admission and deposition of mineral and igneous matter. In the vicinity of Afton, the Iron Mask district is part of a major structure extending northwestward across the general northerly trend of the Nicola belt. This cross structure is less than 10 km wide and about 35 km long. To the northwest, the structure is largely obscured by later stratified rocks of an adjoining basin. To the southeast, it contains two related plutons formerly believed to be a single connected body named the Iron Mask batholith. The Afton deposit lies on the northwestern edge of the Iron Mask Batholith, an area which is known to be the locus of much faulting. The area of the deposit, and especially the western half, is strongly faulted.

The Iron Mask Batholith lies lengthwise in a major cross structure of the Quesnel Trough and is emplaced in contemporaneous volcanic rocks of the Upper Triassic Nicola Group. Control of the cross-structure by long-active, deep-seated faults is evidenced by the manner of emplacement of plutons and by the development of adjacent sedimentary and volcanic basins of Eocene or possibly much earlier age. Hypogene alteration has no recognized pattern and it includes potassic, saussuritic and phyllic varieties. Supergene alteration is characterized by rock disintegration and abundant earthy hematite with limonite. Faults, although numerous, mostly defy correlation and cause only minor disruption of the deposit. However, the western end of the deposit is terminated by a fault.

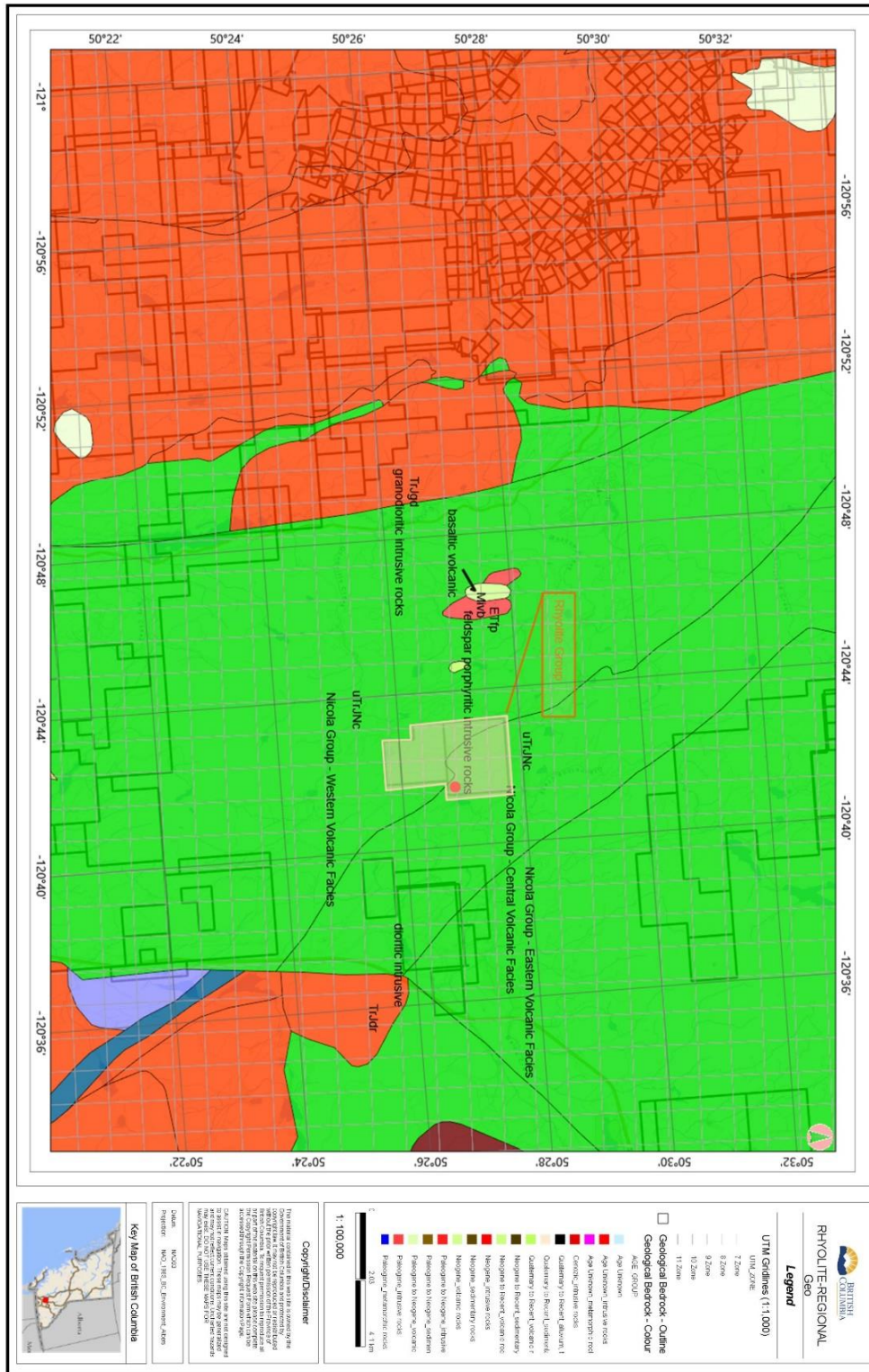
Geochemical and geophysical surveys fail to distinguish the orebody clearly from widespread subeconomic mineralization.

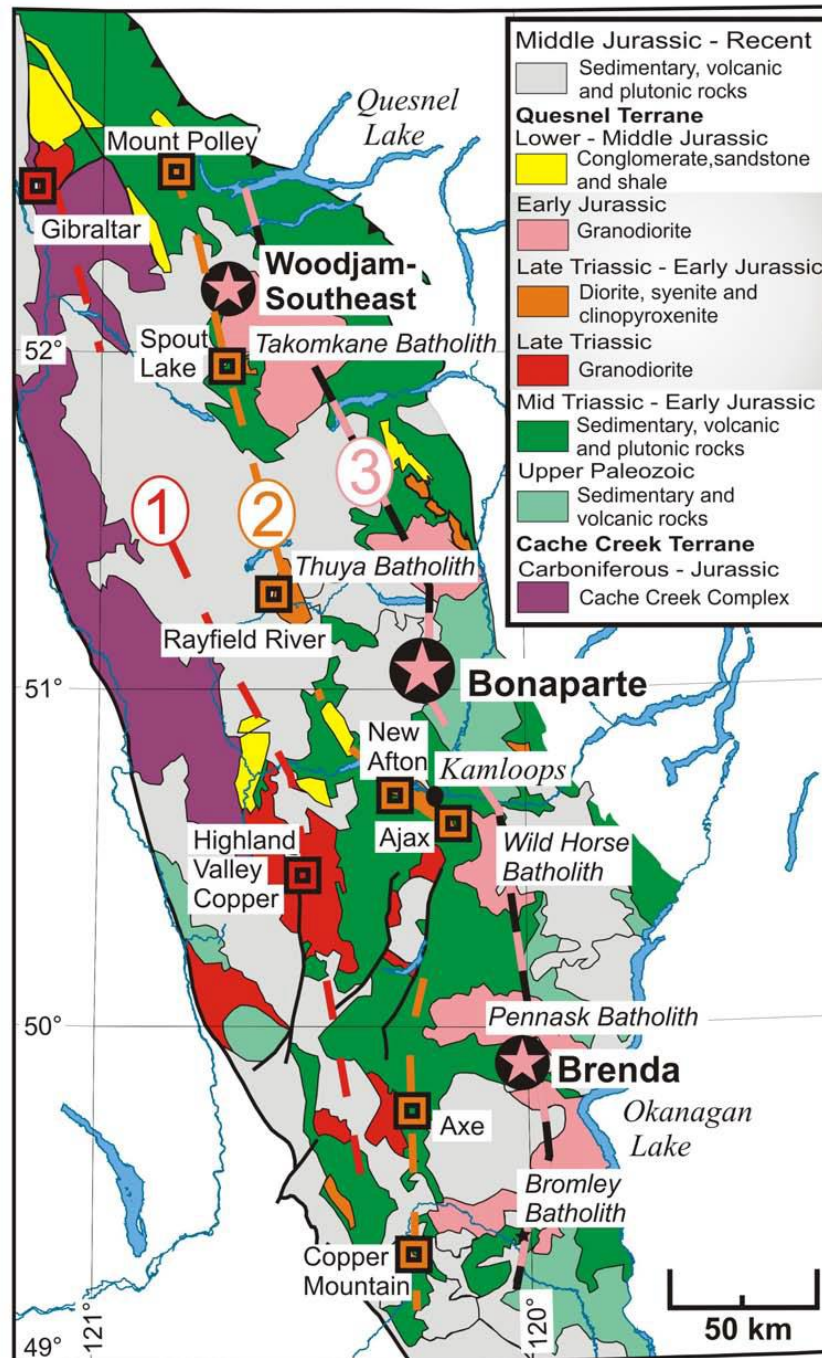
The Batholith comprises successively emplaced Units, all apparently of late Triassic age and ranging in composition from basic to moderately alkaline. The Iron Mask and Pothook units are the oldest on geological evidence and consist chiefly of diorite and gabbro. Succeeding units of finer-grained, more porphyritic rocks are emplaced mainly along northwestern and western linear structure that frame and dissect the pluton. Thus, picrite basalt forms steep, lenticular bodies that are poorly exposed, commonly possess sheared, serpentinized margins, and are generally found within 300 m of most prospects in the district.

The Afton ore-body lies apparently at the intersection of structures considered to reflect deep seated faults that were active intermittently from the late Triassic (Carr, 1976).

The Afton ore-body occurs in late-phase plutonic rocks which include latite porphyry and related breccias and is at the northwestern extremity of the Iron Mask Batholith. The ore-body occupies the northwestern tip of a zone of abundant magnetite veining developed along the longitudinal axis of the Iron Mask Batholith. An extensive pyrite halo lies south and west of the Afton orezone, overlapping slightly onto its southwestern sector.

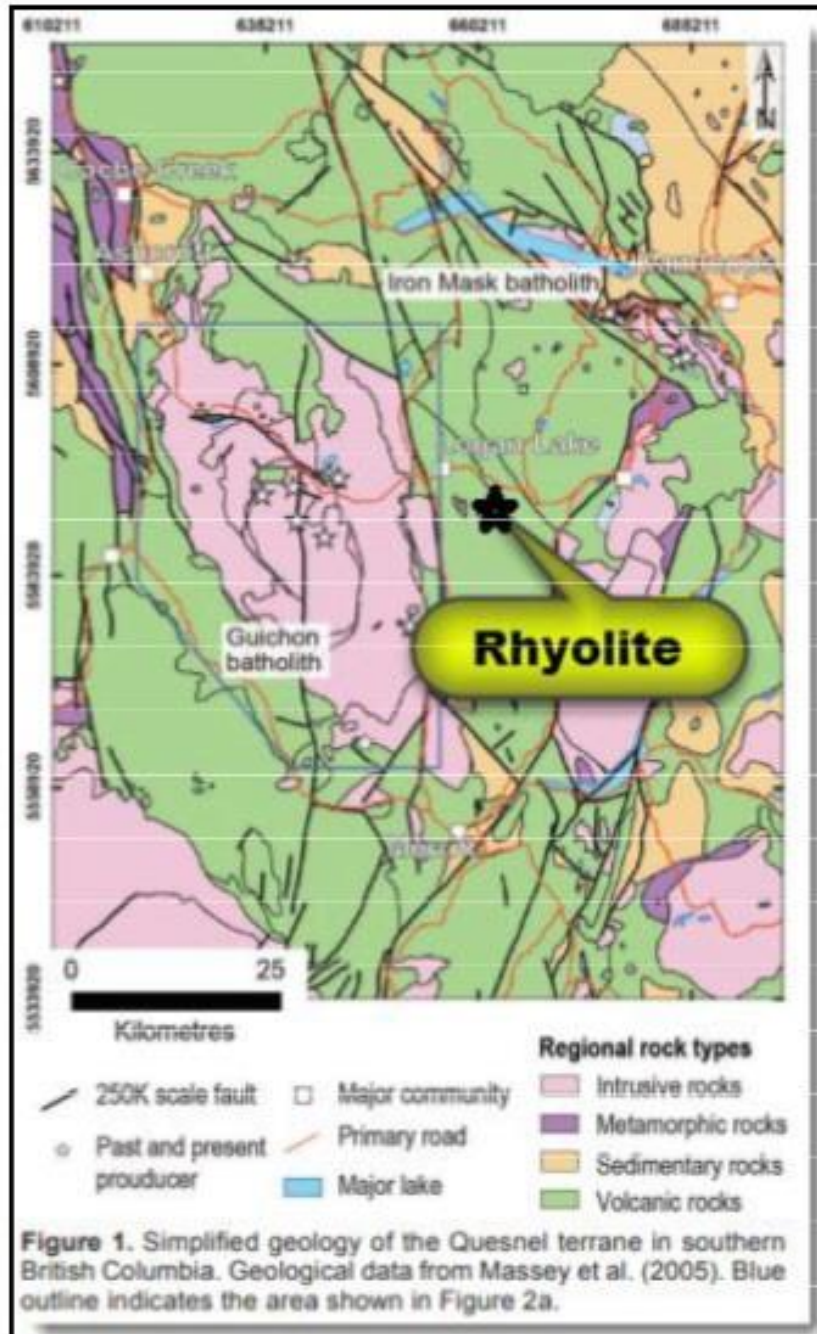
Figure 7 RHYOLITE CLAIM GROUP Regional Geology



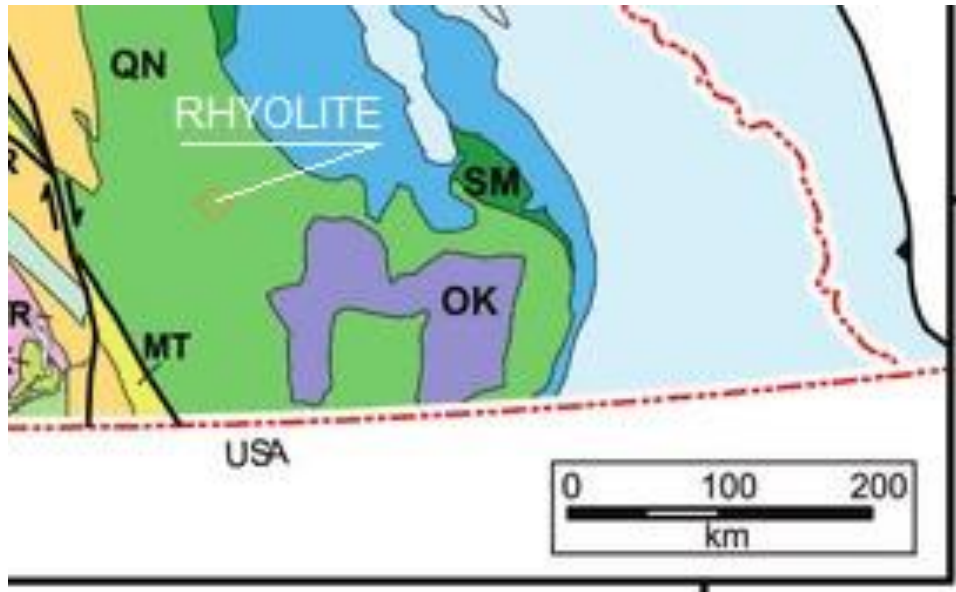
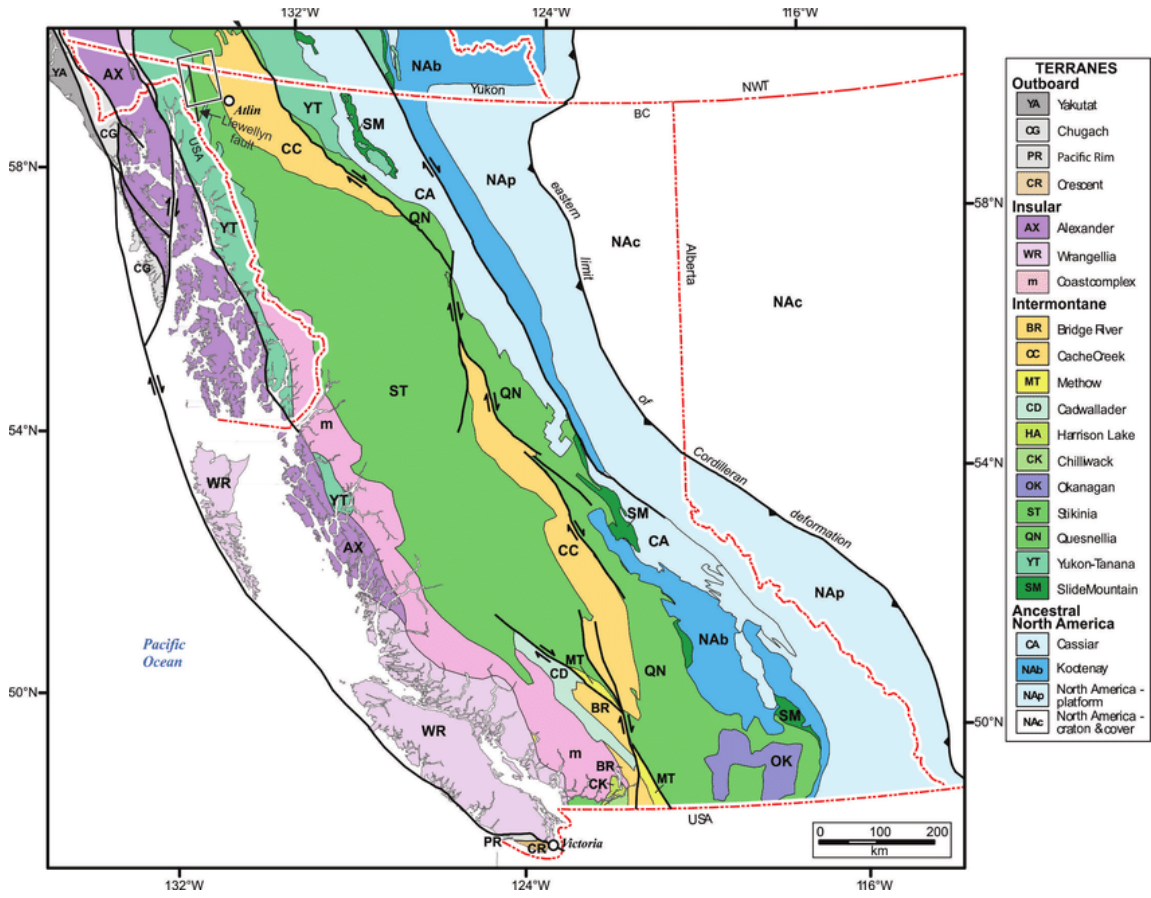


Logan, J.M and Mihalynuk, M.G., 2013. Bonaparte gold: another 195 Ma porphyry Au-Cu deposit in southern British Columbia? In: Geological Fieldwork 2012, British Columbia Ministry of Energy, Mines and Natural Gas, British Columbia. Geological Survey Paper 2013-1, pp. 71-80. **Fig. 2.** Generalized geology of southern Quesnellia and Cu-Mo±Au deposits. Mesozoic arc plutons align along the length of southern Quesnellia to **define three, north-trending**, temporally distinct belts that get younger to the east: **1) Late Triassic; 2) Late Triassic - Early Jurassic; and 3) Early Jurassic.** Discrete porphyry copper mineralizing events are directly linked to each of these magmatic episodes. The Bonaparte deposit lies in the tract of Early Jurassic plutons (Wildhorse-Takomkane plutonic suite), midway between the Brenda and Woodjam-Southeast deposits (modified after Massey et al., 2005).

Figure 22 Regional Geology: Quesnel Terranes
(Base map from Britton, 2016)



BC GEOLOGICAL TERRANE MAP



LOCAL GEOLOGY

From AR 28671 Laurence Sookochoff PEng for Aurora Capital Corp. 2006

LOCAL GEOLOGY

Crooker (1988) reports that the WRT claims (includes the present Katrina claim ground) is underlain by Upper Triassic Nicola volcanics and derivatives. Small sills or dykes of feldspar porphyry are found at the junction of Meadow Creek and its fork from Desmond Lake. Smaller alteration zones, possibly along faults, consist of quartz mariposite carbonate zones, mariposite schists and chlorite mica schists. Small bodies of rhyolite occur within a volcanoclastic unit near Homfray Lake. In the western half of the property, the rocks are generally purplish amygdaloidal volcanics with intercalated reddish tuffs. Chloritic alteration is common along fractures.

The Katrina claim is indicated to be entirely underlain by the Nicola volcanic rocks with reported geology of the showings as follows:

Rhyolite Showing

The Rhyolite Showing occurs near a flow-pyroclastic contact within Nicola volcanic rocks Crooker (1988) reports that the Rhyolite Showing area is mainly underlain by a grey, green or black amygdaloidal basalt (unit 1). Varicoloured calcite amygdules ranging from 1 to 6 mm in diameter occur within an aphanitic groundmass. Several beds of maroon to green volcanoclastic breccia (unit 2) occur within the basalt. Maroon, subrounded to subangular clasts ranging up to 30 cm long by 15 cm wide occur within an aphanitic groundmass. Two northwest trending felsic dykes (unit 3) occur along the main road. The dykes appear to be 3 to 4 meters wide, and are light grey-green, aphanitic and siliceous. Pyrite content varying from 1/2 to 5% occurs within the felsic dyke.

Vanex reported that "During the 1985 exploration program a showing of "rhyolite" with up to 5% pyrite was found along the main road. A sample taken from the outcrop assayed 0.78 Oz/ton Ag, 1.76% Cu and 1.52% zinc. Outcrop is generally sparse over the eastern section of the grid although several old trenches were found in the immediate vicinity of the showing. Weakly silicified andesite and rhyodacite were exposed in the trenches with up to 5% pyrite. Sample 87-005 gave weakly anomalous values of 5.5 ppm Ag and 55 ppb Au. A sample of float (87-008) taken approximately 75 meters north of 87-005 gave 6.2 ppm Ag, 28 ppb Au, 2740 ppm Cu and 6289 ppm Zn. Sample 87-008 was silicified, containing many tiny quartz veinlets. The proximity of these showings to the flow-pyroclastic contact makes the area a good target for stratabound massive sulphide mineralization."

JHC Showing

Vanex Minerals Ltd. acquired claims covering the JHC showing in 1958. They conducted magnetic surveys and physical work under the direction of Hill, Stark and Associates, Consulting Engineers. In 1959 Vanex drilled two holes in the JHC Showing area:

Hole No. 1

This hole was located approximately 3000 feet north of Homfray Lake and was drilled vertically to a depth of 358 feet to test a magnetic high. The lower portion of the hole encountered a siliceous, altered grey-green rock with considerable pyrite. No assays were reported but the recommendation.

Hole No. 2

This hole was located on the west shore of Homfray Lake and was drilled at minus 45 degrees to a depth of at least 293 feet. Altered volcanics were noted but no mineralization was reported and no reason was given for drilling the hole.

1985- 1988 - Western Resources Technologies Inc. completed geological, geochemical and geophysical surveys on the WRT group which presently incorporates the Katrina mineral and the Rhyolite and JHC mineral showings (Figure 8.).

Exploration work completed by Western Resources Technologies Inc. on the Katrjna claim ground was reported as follows:

On the Rhyolite mineral showing, investigation of a 1987 copper-zinc geochemical anomaly indicated a northwest trending zone of shearing with quartz and carbonate veinlets. Sampling of the zone gave weakly anomalous values of gold, silver, copper and zinc. The flow-pyroclastic contact at the Rhyolite Grid reportedly remains a target for massive sulphide mineralization. As the zone is poorly exposed and of unknown dimensions, several trenches were recommended to be cut across the zone to thoroughly evaluate it. (Crooker, 1988).

BERTHA MOLLY past producer (Stockwork)

MINFILE 092ISE012

Within Tenure 1066816. The Dupont Lake area is underlain mainly by Upper Triassic Nicola Group intermediate volcanics and derivatives. Approximately 8 kilometres to the west, Nicola Group rocks are in contact with the Lower Jurassic Guichon Creek Batholith. Quartz diorite outcrops southwest of Dupont Lake.

The Bertha-Molly showing is hosted by purplish amygdaloidal andesites with intercalated reddish tuffs.

These rocks are strongly fractured and chloritized.

Recent development has exposed malachite, azurite, chalcopyrite, cuprite and pyrite hosted by shears and fracture-fillings in vesicular volcanics and red tuffs. Mineralization is structurally controlled with an apparent north trend. A common alteration is calcite and epidote, with silicification becoming stronger at depth.

BERTHA-MOLLY MINFILE

MINFILE Detail Report
 BC Geological Survey
 Ministry of Energy, Mines and Natural Gas and Responsible for Housing

Location/Identification

MINFILE Number:	092ISE012	National Mineral Inventory Number:	092I7 Cu20
Name(s):	BERTHA - MOLLY DUNMORE, DUPONT, WRT, WINDSOR, LOST		
Status:	Past Producer	Mining Division:	Kamloops, Nicola
Mining Method	Underground	Electoral District:	Fraser-Nicola
Regions:	British Columbia	Forest District:	Thompson Rivers Natural Resource District
BCGS Map:	092I047		
NTS Map:	092I07E	UTM Zone:	10 (NAD 83)
Latitude:	50 26 36 N	Northing:	5590427
Longitude:	120 42 41 W	Easting:	662497
Elevation:	1493 metres		
Location Accuracy:	Within 500M		

Mineral Occurrence

Commodities:	Copper, Silver		
Minerals	Significant:	Cuprite, Malachite, Azurite, Chalcopyrite, Pyrite	
	Alteration:	Chlorite, Calcite, Epidote, Silica, Malachite, Azurite	
	Alteration Type:	Propylitic, Silicific'n, Oxidation	
	Mineralization Age:	Unknown	
Deposit	Character:	Stockwork	
	Classification:	Hydrothermal, Epigenetic	

Host Rock

Dominant Host Rock:	Volcanic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Triassic	Nicola	Undefined Formation	-----
Isotopic Age	Dating Method	Material Dated	
-----	-----	-----	
Lithology:	Amygdaloidal Andesite, Tuff		

Geological Setting

Tectonic Belt:	Intermontane	Physiographic Area:	Thompson Plateau
Terrane:	Quesnel		

Inventory

No inventory data

Summary Production

		Metric	Imperial
	Mined:	31 tonnes	34 tons
	Milled:	0 tonnes	0 tons
Recovery	Silver	218 grams	7 ounces
	Copper	626 kilograms	1,380 pounds

Capsule Geology

The Bertha-Molly occurrence is situated south of Meadow Creek, approximately 4 kilometres southeast of Logan Lake and 35 kilometres north of Merritt.

The Dupont Lake area is underlain mainly by Upper Triassic Nicola Group intermediate volcanics and derivatives. Approximately 8 kilometres to the west, Nicola Group rocks are in contact with the Lower Jurassic Guichon Creek Batholith. Quartz diorite outcrops southwest of Dupont Lake.

In 1942, George Campbell did some surface-stripping on a copper showing, approximately 457 metres west of an old shaft. Production from this occurrence, known as the Lost group, was 31 tonnes and yielded 218 grams of silver and 626 kilograms of copper.

The Bertha-Molly showing is hosted by purplish amygdaloidal andesites with intercalated reddish tuffs. These rocks are strongly fractured and chloritized. The original shaft was sunk at a point where patches of cuprite occur in fractures. Small shipments were made.

Recent development has exposed malachite, azurite, chalcocopyrite, cuprite and pyrite hosted by shears and fracture-fillings in vesicular volcanics and red tuffs. Mineralization is structurally controlled with an apparent north trend. A common alteration is calcite and epidote, with silicification becoming stronger at depth.

The Bertha occurrence is part of the Bertha property owned by Guy and Christopher Delorme. In 2015, Laurence Sookochoff, working on behalf of the Delormes, carried out a structural analysis and 2 kilometres of localized magnetometer surveying approximately 2 kilometres to the west of the Bertha occurrence.

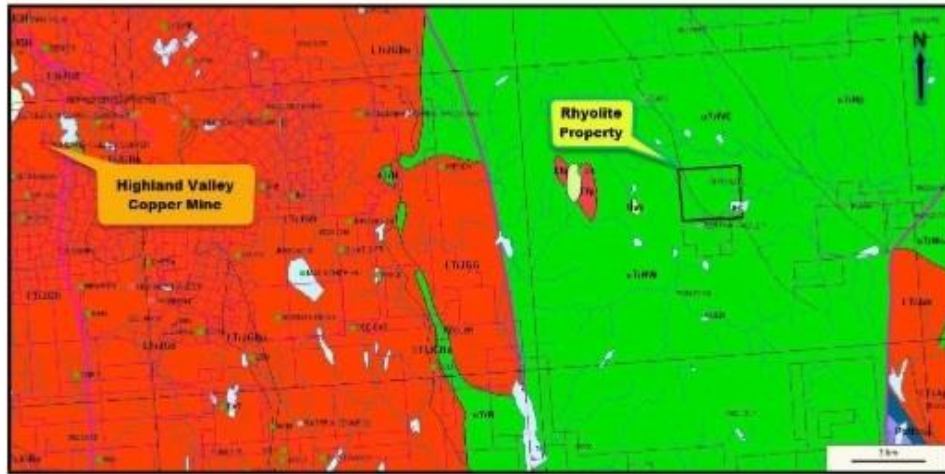
Bibliography

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 EMPR ASS RPT 265, 3668, 3763, 3764, 14959, 15060, 17337, 18048, 36058
 EMPR BC METAL MM00380
 EMPR EXPL 1986-C228; 1988-C111; 1989-119-134
 EMPR GEM 1972-183
 EMPR INDEX 3-203
 EMPR OF 1998-8-K, pp. 1-22
 GSC MAP 44-20A; 886A; 887A
 GSC MEM 249, p. 126
 GSC OF 980

Date Coded:	1985/07/24	Coded By:	BC Geological Survey (BCGS)	Field Check:	N
Date Revised:	2018/01/15	Revised By:	Nicole Barlow (NB)	Field Check:	N

Figure 8 RHYOLITE CLAIM GROUP Local Geology

Figure 24 Property Geology, Claims, and Minfiles
(Base map from MapPlace)



LEGEND

Mivb

Miocene-unnamed
Basaltic volcanic rocks

EKav

Eocene-Kamloops Group
Undivided volcanic rocks

EPrb

Eocene-Penticton Group
Andesitic volcanic rocks

Upper Triassic-Nicola Group

uTrNW

Western Volcanic Facies
undivided volcanic rocks

uTrNC

Central Volcanic Facies
andesitic volcanic rocks

uTrNE

Eastern Volcanic Facies
basaltic volcanic rocks

uTrN

undivided volcanic rocks

Late Triassic to Early Jurassic

Guichon Creek Batholith

LTrJGBe – Bethlehem Phase
granodioritic intrusive rocks

LTrJGB – Bethsaida Phase
quartz monzonitic intrusive rocks

LTrJGH – Highland Valley Phase
granodioritic intrusive rocks

LTrJGG – Gump Lake Phase
granodioritic intrusive rocks

LTrJGBo – Border Phase
quartz dioritic intrusive rocks

SUMMARY OF REGIONAL AND PROPERTY GEOLOGY (.....continued)

Prospecting on the RHYOLITE Claim Group in August 2021 confirmed the presence of rock types and mineralization historically reported in the Rhyolite Group area.

Table I. Particulars - Grab Samples taken by ELLERBECK (2021) RHYOLITE

LOCATION / SAMPLE #	UTM LOCATION		DESCRIPTION
			All OUTCROP grab samples unless indicated
BER-1	0666694	5589858	Dark gray-green volcanic-andesite. White amygdules Qtz eyes Qtz-Granite vein Multiple events. No visible metal. Very Hard. Iron stain surface and in fractures. E-W strike Dip-near vert.
BER-2	0666598	5590248	Dark brown-black-green volcanics vesicular, amygdaloidal chlorite, highly silicified, andesite. Qtz flooding Greenstone? No visible metal. Qtz veinlets-qtz eyes. E-W stk-Dip-near vert. 10 metre width
BER-3 to Lab	0666602	5590232	Dark brown-black-green volcanics vesicular, amygdaloidal chlorite, highly silicified, andesite. Qtz flooding altered Greenstone banding No visible metal. Iron stain surface Qtz veinlets-qtz eyes. E-W stk-Dip-near vert. 10 metre width
BER-4 to Lab	0666606	5590233	Dark brown-black-green volcanics vesicular, amygdaloidal chlorite, highly silicified, andesite. Qtz flooding altered Greenstone banding No visible metal. Iron stain surface Qtz veinlets-qtz eyes. E-W stk-Dip-near vert. 10 metre width
BER-5 to Lab	0666648	5590107	Dark grey-green volcanics. Vesicular andesite, large amygdules (chlorite), vugs Qtz eyes Very Hard. No Visible metal, Iron staining E-W strikeDip-near vert.3 m width
BER-6 to Lab	0666679	5589797	Dark green Greenstone fractured volcanics andesite vesicular and amygdaloidal (qtz-chlorite). Qtz veins-veinlets Qtz flooding Visible metal – Magnetite in veinlets Very Hard. Iron in vugs Hematite in veinlets? Qtz eyes E-W strikeDip-vert. 20 m width

TECHNICAL DATA AND INTERPRETATION
Table II. Summarized Assay Results- Grab Samples-Ellerbeck (August 28, 2021) – RHYOLITE

Sample No.	Sample Type	Cu ppm	Pb ppm	Zn ppm	Au ppm	Ag ppm	Mo ppm
BER-3	Grab	14	2	39	<0.005	<0.2	<1
BER-4	Grab	24	<2	35	<0.005	<0.2	<1
BER-5	Grab	46	<2	44	<0.005	<0.2	<1
BER-6	Grab	56	<2	79	<0.005	<0.2	<1

PURPOSE

In August 2021 a prospecting program was completed on Tenure 1064900 of the 14 claim RHYOLITE CLAIM GROUP. The purpose was to locate, if possible, historic reported geological features (Au, Ag, Cu bearing structures) as well as to prospect for unidentified outcrops and showings of significance. The author wanted to locate any historic trenching and sample bedrock if available. Report information was obtained from Selected References and from an August 28, 2021, property examination.

PROSPECTING RESULTS - Outcrops

Sample BER-1-6 inclusive: confirmed historic local/property and regional geological mapping.

ASSAY RESULTS

Slightly Elevated levels of Cu in BER-5,6. Above “background”.

Slightly Elevated levels of Zn in BER-6

No Elevated levels of Au, Ag were encountered in all Samples.

No Elevated As, Mo levels.

INTERPRETATIONS AND CONCLUSIONS

The presence of rock types and mineralization reported in historic ARIS assessment report references within the RHYOLITE Claim Group was confirmed by sampling and inspecting rocks from various outcroppings during the August 2021 prospecting program on Tenure 1064900. The Author has sampled (2019-2020) various areas within the Claim Group and rock type and mineralization are similar/identical to those within the 2021 Work Area.

SUMMARY AND RECOMMENDATIONS

The August 2021 field program confirmed reported geology and showed that mineralization is present in the host Nicola Group rocks within the RHYOLITE property.

There are numerous reported mineral occurrences within the RHYOLITE property which have not been examined by the writer.

There is geological mapping of the area by previous Operators which needs to be relocated in the field and mapped with current mapping methods. UTM coordinates were not utilized by previous operators and an inadequate BC database is the result.

Based on the results of research and compilation of historical exploration data on ground presently covered by the Rhyolite property, combined with encouraging recent (2019, 2020) exploration results achieved by the writer, potential copper-gold porphyritic mineralization may be indicated within the Rhyolite Claim Group.

An exploration program of geochemical, geophysical, and geological surveys is recommended subsequent the digitation of all historical exploration data if funding is available. A correlation of historical data and the results of the recommended exploration program should provide specific targets for future exploration.

The 2021 field program assay results did not indicate economic mineralization within host rocks sampled and assayed. However, historic references indicate that a careful and detailed examination of the area at the RHYOLITE, JHC, POM POM, QUEN, BERTHA-MOLLY and New Showing (all within the Rhyolite Claim Group) is warranted.

Therefore, it is recommended by the Author that a comprehensive prospecting plan be created and executed in the field as soon as practical to confirm and map the extent of the (2020) New Showing and possible extension of mineralization to the (2019) BERTHA-MOLLY workings.

ITEMIZED COST STATEMENT

Exploration Work type	RHYOLITE CLAIM GROUP	Days			Totals
PROSPECTING & EXPLORATION					
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Ken Ellerbeck / Owner	August 28, 2021	1	\$500.00	\$500.00	
Q. Ellerbeck / Helper	August 28, 2021	1	\$250.00	\$250.00	
			\$500.00	\$0.00	
			\$250.00	\$0.00	
				\$750.00	\$750.00
Office Studies	List Personnel (note - Office only, do not include field days)				
Literature search	Ken Ellerbeck	1.0	\$500.00	\$500.00	
Database compilation	Ken Ellerbeck	0.5	\$500.00	\$250.00	
General research	Ken Ellerbeck	0.5	\$500.00	\$250.00	
Report preparation	Ken Ellerbeck	1.0	\$500.00	\$500.00	
Other (specify)				\$0.00	
				\$1,500.00	\$1,500.00
Ground Exploration Surveys	Area in Hectares/List Personnel				
Prospect	see Personnel Field Days				
Underground					
Trenches				\$0.00	\$0.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Soil	ALS MINERALS Vancouver	0.0	\$49.46	\$0.00	
Rock	ALS MINERALS Vancouver	4.0	\$58.00	\$232.00	
				\$232.00	\$232.00
Transportation		No.	Rate	Subtotal	
KM Kamloops-Property-return	1 Trip return	149.00	\$0.95	\$141.55	
KM SAMPLES TO LAB	September 8, 2021	50.00	\$0.95	\$47.50	
				\$0.00	
				\$189.05	\$189.05
Accommodation & Food	Rates per day				
Hotel			\$0.00	\$0.00	
Camp			\$0.00	\$0.00	
Meals	2 man-days @\$35/day	2.00	\$35.00	\$70.00	
				\$70.00	\$70.00
Miscellaneous					
Telephone			\$0.00	\$0.00	
Other (Specify)				\$0.00	\$0.00
Equipment Rentals					
Field Gear (Specify)			\$0.00	\$0.00	
Other (Specify)				\$0.00	\$0.00
Freight, rock samples					
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$0.00	\$0.00
TOTAL Expenditures					\$2,741.05

STATEMENT OF AUTHOR'S QUALIFICATIONS

STATEMENT OF AUTHOR'S QUALIFICATIONS**KENNETH C. ELLERBECK, PMP**

I hold a BSc in Mechanical Engineering, University of Alberta, Edmonton, 1973.

I have completed University level introductory geology courses.

I hold a Certificate in Project Management from University of British Columbia, Sauder School of Business, 2010.

I hold a Project Management Professional designation – PMP – 1391810 – 2011.

I have been actively involved in all aspects of mineral exploration since 1980 in the Province of British Columbia.

I have managed staking and exploration programs since 1980 on my own mineral tenures as well as for tenures held by both private and publicly-held junior exploration companies.

My mineral exploration experience includes staking, prospecting, trenching, trench mapping, line cutting and grid construction, geochemical surveys, geophysical surveys, diamond drilling supervision and general exploration program supervision.

SIGNED



KENNETH C. ELLERBECK

LIST OF SELECTED REFERENCES

BC Geological Survey, MEMPR, MINFILE : 092ISE147 JHC. 092ISE021 RHYOLITE. 092ISE012 – BERTHA – MOLLY

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MtOnline

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Sookchoff, L. PEng for Aurora Capital Corp. 2006, Katrina Claim, AR 28671

LIST OF SOFTWARE PROGRAMS USED

ADOBE PHOTOSHOP 7.0

PAINT for WINDOWS

ARIS MAPBUILDER – Map Data downloads

Imap BC – Map Data downloads

MtOnline - MINFILE downloads.

APPENDIX 1 SAMPLE PREPARATION AND METHOD OF ANALYSIS

To: KEN ELLERBECK
 255 WEST BATTLE STREET
 KAMLOOPS BC V2C 1G8

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

Page: 1
 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 5-OCT-2021
 This copy reported on 6-OCT-2021
 Account: ELLERK



CERTIFICATE KL21239800

Project: Rhyolite Rockstar
 This report is for 16 samples of Rock submitted to our lab in Kamloops, BC, Canada on 7-SEP-2021.
 The following have access to data associated with this certificate:
 KEN ELLERBECK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize up to 250g 85% <75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
AU-AA23	Au 30g FA-AA finish	AAS

Signature: 
 Saa Traxler, General Manager, North Vancouver

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 *****

SAMPLE PREPARATION AND METHOD OF ANALYSIS

To: KEN ELLERBECK
 255 WEST BATTLE STREET
 KAMLOOPS BC V2C 1G8

Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 5-OCT-2021
 Account: ELLERK

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 Phone: +1 604 984 0221 Fax: +1 604 984 0218
 www.alsglobal.com/geochemistry



Project: Rhyolite Rockstar

CERTIFICATE OF ANALYSIS KL21239800

CERTIFICATE COMMENTS	
Applies to Method: CRU-31 PUL-QC	<p>LABORATORY ADDRESSES</p> <p>Processed at ALS Kamloops located at 2953 Shuswap Drive, Kamloops, BC, Canada. LOG-22 WEI-21</p>
Applies to Method: Au-AA23	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. ME-ICP41</p>

APPENDIX 2 ASSAY RESULTS

To: KEN ELLERBECK
 255 WEST BATTLE STREET
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Project: Rhyolite Rockstar
CERTIFICATE OF ANALYSIS KL21239800



Page: 2 - A
 Total # Pages: 2 (A - C)
 Plus Appendix Pages
 Finalized Date: 5-OCT-2021
 Account: ELLERK

Method Analyte Units LOD	Sample Description	WEI-21 Recvd Wt. kg	Au ppm	Au-AA23 ppm	Ag ppm	ME-ICP41 Ag ppm	Al %	ME-ICP41 Al %	As ppm	ME-ICP41 As ppm	B ppm	ME-ICP41 B ppm	Ba ppm	ME-ICP41 Ba ppm	Be ppm	ME-ICP41 Be ppm	Bi ppm	ME-ICP41 Bi ppm	Ca %	ME-ICP41 Ca %	Cd ppm	ME-ICP41 Cd ppm	Co ppm	ME-ICP41 Co ppm	Cr ppm	ME-ICP41 Cr ppm	Cu ppm	ME-ICP41 Cu ppm	Fe %	ME-ICP41 Fe %
	BER-3	2.48	<0.005	<0.2	<0.2	<0.2	1.79	<0.005	4	<10	<10	<10	20	<10	<0.5	<2	<2	5.11	<0.5	20	<0.5	20	<0.5	20	34	14	2.12			
	BER-4	1.86	<0.005	<0.2	<0.2	<0.2	1.55	<0.005	2	<10	<10	<10	40	<10	<0.5	<2	<2	5.67	<0.5	18	<0.5	18	<0.5	29	24	24	2.50			
	BER-5	0.54	<0.005	<0.2	<0.2	<0.2	4.52	<0.005	<2	<10	<10	<10	<10	<10	<0.5	<2	<2	5.57	<0.5	22	<0.5	22	<0.5	45	46	4.05				
	BER-6	2.59	<0.005	<0.2	<0.2	<0.2	2.29	<0.005	3	<10	<10	<10	20	<10	<0.5	<2	<2	4.40	<0.5	22	<0.5	22	<0.5	38	56	3.79				
	RS-2	0.49	<0.005	<0.2	<0.2	<0.2	0.19	<0.005	<2	<10	<10	<10	10	<10	<0.5	<2	<2	0.08	<0.5	1	<0.5	1	<0.5	8	2	0.21				
	RC-3	1.06	<0.005	<0.2	<0.2	<0.2	1.59	<0.005	<2	<10	<10	<10	20	<10	<0.5	<2	<2	1.13	<0.5	27	<0.5	27	<0.5	5	19	3.30				
	RS4	1.57	<0.005	<0.2	<0.2	<0.2	1.47	<0.005	4	<10	<10	<10	20	<10	<0.5	<2	<2	1.84	<0.5	8	<0.5	8	<0.5	4	30	3.49				
	RS5	1.75	<0.005	<0.2	<0.2	<0.2	1.50	<0.005	<2	<10	<10	<10	40	<10	<0.5	<2	<2	1.32	<0.5	18	<0.5	18	<0.5	15	71	3.75				
	CM-21-2	0.60	<0.005	<0.2	<0.2	<0.2	3.41	<0.005	<2	<10	<10	<10	20	<10	<0.5	<2	<2	2.72	<0.5	20	<0.5	20	<0.5	38	49	3.96				
	CM-21-3	0.43	<0.005	<0.2	<0.2	<0.2	4.44	<0.005	<2	<10	<10	<10	10	<10	<0.5	<2	<2	3.53	<0.5	22	<0.5	22	<0.5	40	65	4.49				
	CM-21-4	0.83	<0.005	<0.2	<0.2	<0.2	3.19	<0.005	<2	<10	<10	<10	40	<10	<0.5	<2	<2	1.30	<0.5	31	<0.5	31	<0.5	13	65	5.19				
	CM-21-5	1.18	<0.005	<0.2	<0.2	<0.2	3.37	<0.005	<2	<10	<10	<10	20	<10	<0.5	<2	<2	1.66	<0.5	31	<0.5	31	<0.5	20	57	5.63				
	LH-21-3	0.96	<0.005	<0.2	<0.2	<0.2	1.94	<0.005	<2	<10	<10	<10	10	<10	<0.5	<2	<2	1.73	<0.5	17	<0.5	17	<0.5	31	43	2.85				
	LH-21-4	1.37	<0.005	<0.2	<0.2	<0.2	2.37	<0.005	<2	<10	<10	<10	30	<10	<0.5	<2	<2	0.63	<0.5	25	<0.5	25	<0.5	52	33	5.58				
	LH-21-6	1.21	<0.005	<0.2	<0.2	<0.2	2.56	<0.005	<2	<10	<10	<10	40	<10	<0.5	<2	<2	2.81	<0.5	21	<0.5	21	<0.5	20	10	4.24				
	LH-21-7	2.09	0.005	<0.2	<0.2	<0.2	0.87	<0.005	<2	<10	<10	<10	20	<10	<0.5	<2	<2	0.50	<0.5	14	<0.5	14	<0.5	14	92	1.47				

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

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 Account: ELLERK



Project: Rhyolite Rockstar

CERTIFICATE OF ANALYSIS KL21239800

Sample Description	Method Analyte Units LOD	ME-ICP41 Ca ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm	ME-ICP41 Sr ppm
BER-3		<10	<1	0.01	<10	1.13	549	<1	0.02	27	580	2	0.01	<2	6	204
BER-4		<10	<1	0.09	<10	0.79	611	<1	0.02	27	220	<2	0.01	<2	8	104
BER-5		10	<1	0.01	<10	1.94	518	<1	0.03	47	410	<2	0.06	<2	4	16
BER-6		10	<1	0.14	<10	2.08	685	<1	0.03	49	590	<2	0.01	2	8	56
RS-2		<10	<1	0.06	<10	0.02	120	<1	0.07	<1	30	2	0.01	<2	<1	3
RC-3		<10	<1	0.01	<10	1.06	403	1	0.05	9	1050	<2	0.26	<2	4	48
RS4		10	<1	0.08	<10	0.56	246	1	0.05	3	2080	<2	0.06	<2	5	101
RS5		10	<1	0.02	<10	0.94	329	1	0.04	15	1460	<2	0.08	<2	5	54
CM-21-2		10	<1	0.02	<10	1.70	650	<1	0.18	51	500	<2	0.03	2	7	20
CM-21-3		10	<1	0.09	<10	1.91	745	<1	0.15	57	560	<2	0.01	2	7	18
CM-21-4		10	<1	0.08	<10	2.46	791	<1	0.06	66	670	<2	0.02	2	4	30
CM-21-5		10	<1	0.02	<10	2.46	809	<1	0.06	77	640	<2	0.03	<2	9	11
LH-21-3		<10	<1	0.01	<10	1.02	506	<1	0.02	11	660	<2	0.05	<2	4	95
LH-21-4		10	<1	0.07	<10	2.21	639	<1	0.06	21	760	<2	0.01	<2	6	39
LH-21-6		10	<1	0.06	<10	1.57	712	<1	0.03	14	980	<2	0.02	<2	4	43
LH-21-7		<10	<1	0.03	<10	0.54	369	<1	0.02	5	390	<2	0.02	<2	2	26

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Project: Rhyolite Rockstar
CERTIFICATE OF ANALYSIS KL21239800



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Sample Description	Method Analyte Units LOD	ME-ICP41		ME-ICP41		ME-ICP41		ME-ICP41		ME-ICP41	
		Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm			
BER-3		<20	0.26	<10	<10	96	<10	<10	39		
BER-4		<20	0.03	<10	<10	93	<10	<10	35		
BER-5		<20	0.28	<10	<10	176	<10	<10	44		
BER-6		<20	0.36	<10	<10	99	<10	<10	79		
RS-2		<20	0.01	<10	<10	2	<10	<10	3		
RC-3		<20	0.40	<10	<10	80	<10	<10	29		
RS4		<20	0.46	<10	<10	97	<10	<10	17		
RS5		<20	0.47	<10	<10	94	<10	<10	22		
CM-21-2		<20	0.40	<10	<10	129	<10	<10	50		
CM-21-3		<20	0.49	<10	<10	144	<10	<10	58		
CM-21-4		<20	0.52	<10	<10	129	<10	<10	71		
CM-21-5		<20	0.47	<10	<10	161	<10	<10	71		
LH-21-3		<20	0.30	<10	<10	78	<10	<10	47		
LH-21-4		<20	0.33	<10	<10	180	<10	<10	82		
LH-21-6		<20	0.21	<10	<10	96	<10	<10	86		
LH-21-7		<20	0.06	<10	<10	34	<10	<10	25		

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