

BC Geological Survey Assessment Report 40962



Ministry of Energy and Mines
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geological, geochemical

TOTAL COST: \$4,693.12

AUTHOR(S): Pat Williams

SIGNATURE(S):



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

YEAR OF WORK: 2022

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5962763

PROPERTY NAME: Big Copper

CLAIM NAME(S) (on which the work was done): 1065350, 1089016

COMMODITIES SOUGHT: Cu, Ag

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 082FNE100, 082FNE091

MINING DIVISION: Fort Steele

NTS/BCGS: 082F10, 082F15

LATITUDE: 49 ° 45 '49.5 " LONGITUDE: 116 ° 31 '16.2 " (at centre of work)

OWNER(S):

1) Jack Denny

2) Bob Denny

MAILING ADDRESS:

Box 325

Salmo, BC V0G 1Z0

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

1) Rokmaster Resources

2)

MAILING ADDRESS:

615-625 Howe Street

Vancouver, BC V6C 2T6

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

Lower Kitchener Formation, Creston Formation; sediment hosted copper, chalcopyrite, covellite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 6206, 33347, 40118

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 6 samples total		1065350, 1089016	\$4,693.12
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
TOTAL COST:			\$4,693.12

Mineral Titles Online

Mineral Claim Exploration and Development Work/Expiry Date Change

Confirmation

Recorder: DENNY, JACK NORMAN (106538) **Submitter:** DENNY, JACK NORMAN (106538)
Recorded: 2023/JAN/02 **Effective:** 2023/JAN/02
D/E Date: 2023/JAN/02

Confirmation

If you have not yet submitted your report for this work program, your technical work report is due in 90 days. The Exploration and Development Work/Expiry Date Change event number is required with your report submission. **Please attach a copy of this confirmation page to your report.** Contact Mineral Titles Branch for more information.

Event Number: 5962763
Work Type: Technical Work
Technical Items: Geochemical
Work Start Date: 2022/OCT/10
Work Stop Date: 2022/OCT/13
Total Value of Work: \$ 4693.12
Mine Permit No:

Summary of the work value:

Title Number	Claim Name	Issue Date	Good To Date	New Good To Date	# of Days Forward	Area in Ha	Applied Work Value	Submission Fee
1065350	BIG COPPER	2018/DEC/31	2027/JAN/02	2027/mar/05	62	208.67	\$ 708.92	\$ 0.00
1089016	BC2	2022/JAN/20	2023/JAN/20	2027/mar/05	1505	125.25	\$ 3984.08	\$ 0.00

Financial Summary:

Total applied work value: \$ 4693.00

PAC name: Rokmaster
Debited PAC amount: \$ 0.0
Credited PAC amount: \$ 0.12

Total Submission Fees: \$ 0.0

Total Paid: **\$ 0.0**

Please print this page for your records.

The event was successfully saved.

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ASSESSMENT REPORT
2022 PROSPECTING AND ROCK SAMPLING
ON THE
BIG COPPER PROPERTY

KIMBERLEY, BRITISH COLUMBIA

FORT STEELE MINING DIVISION
49°45'49.5" N LATITUDE, 116°31'16.2"W LONGITUDE
UTM: NAD 83 ZONE 11N, 534630 E, 5512400 N
NTS 82F/15 82F/10



Big Copper Property: shear-hosted copper mineralization at the Welcome Showing. Photo: P. Williams, 2022.

Prepared for:
Rokmaster Resources Corp.

By:
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4065 Alpine Road
Nelson, BC V1L 6T1

March 10, 2023

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Summary

The Big Copper Property is located in the Purcell Mountains in southeastern British Columbia, approximately 50 km west of Kimberley. The 334-hectare Property is underlain by Neoproterozoic clastic and lesser carbonate sediments of the larger Purcell Supergroup, and may contain similar stratigraphy which hosts several large sediment-hosted copper-silver deposits in Idaho and Montana.

The Property has a limited documented exploration history but hosts at least seven adits, several trenches, and several drillholes. Drilling completed in 1965 and 1967 intersected meter-scale intervals of up to 3.30 % copper and 12.0 g/t silver which has not been subject to significant follow-up work.

The southern portion of the Property was visited over a single day in the fall of 2022, with 6 rock samples taken from a shear-hosted Cu-Ag mineralization trend. Shearing is generally conformable to the foliation of intensely folded, thinly bedded quartz-sericite schists, with occasional limey phases. The structure hosts abundant zones of quartz-siderite veining, with local stringers of semi-massive galena and disseminated to semi-massive chalcopyrite along with malachite and covellite. Representative outcrop and dump samples yielded results as high as 2.94 % copper, 287.0 g/t silver and 11.74 % lead.

1 Location, Infrastructure, and Tenure

The Big Copper Property is located in the Purcell Mountains of southeastern BC, approximately 50 kilometers west of Kimberley. Kimberley, and the neighboring town of Cranbrook, offer all the amenities for mineral exploration including groceries, lodging, medical facilities, and regional airport.

The Big Copper Property lies in the western part of the St. Mary River valley and straddles a portion of the west fork of the St. Mary River. The area is steeply sloped with vertical relief in excess of 1,500 meters. Brush is normally good in the timber with open stands of pine, spruce, cedar, hemlock and fir, depending on the maturity of the forest. Valley bottoms and slide chutes are typically brushy with thick alder and devils club. Elevations above approximately 1,900 m are barren of trees and brush and often cliffy and scree covered.

The Property can be accessed using the Main West Fork St. Mary Forest Service Road as well as old exploration trails. Helicopter access is possible for the higher elevations at the north end of the Property.

0 5 10 20 Kilometers

1:300,000



Figure 1: Big Copper Property Location

March 2023
NAD83 11N

Big Copper Property

Sullivan Mine

Historic Production:
34 Blb Pb+Zn
285 Moz Ag

Kimberley, BC ★

Bluebell Mine

Historic Production:
6.1 Moz Ag, 6.2 Mlb Cu,
515 Mlb Pb, 548 Mlb Zn

Kootenay Lake

-  Big Copper Property
-  BC Parks
-  Roads

As shown in Table 1 below, the Big Copper Property comprises two Mineral Titles Online (“MTO”) mineral claims totaling 333.9 hectares. The Big Copper Property is owned by Jack and Bob Denny and is under option to Rokmaster Resources. As shown on figure 2 below, the Enterprise crown grant is still active and not owned by Rokmaster Resources. The district lot number is L.3559 and the crown grant number is 1697/121.

Table 1: Big Copper Property Mineral Claims

Tenure Number	Claim Name	Owner	Issue Date	Hectares
1065350	BIG COPPER	Jack Norman Denny	December 31, 2018	208.7
1089016	BC2	Bob Ian Denny	January 20, 2022	125.3
				333.9

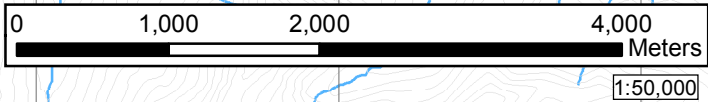
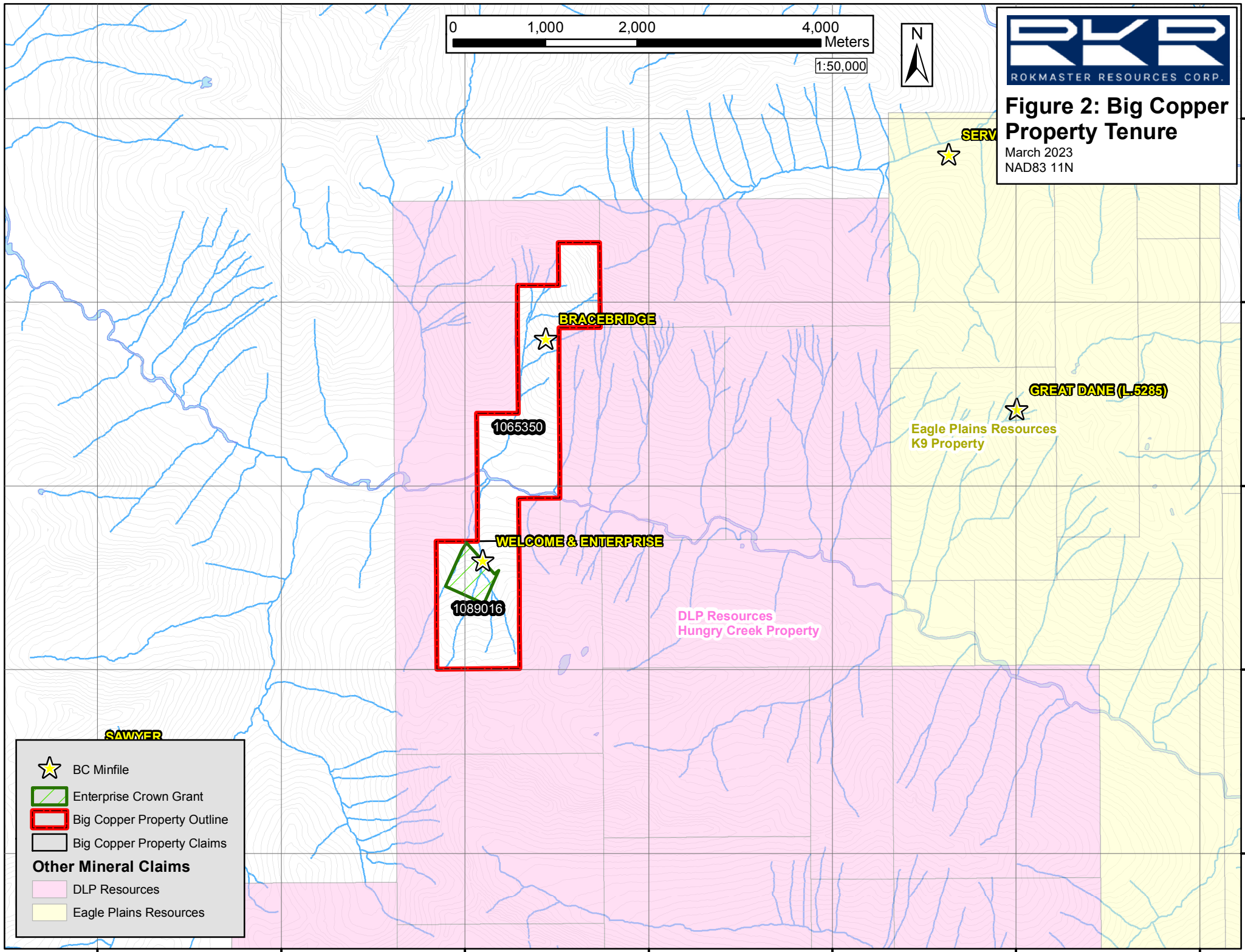


Figure 2: Big Copper Property Tenure

March 2023
NAD83 11N



- BC Minfile
- Enterprise Crown Grant
- Big Copper Property Outline
- Big Copper Property Claims
- Other Mineral Claims**
- DLP Resources
- Eagle Plains Resources

530000 532000 534000 536000 538000 540000 542000

5516000
5514000
5512000
5510000
5508000

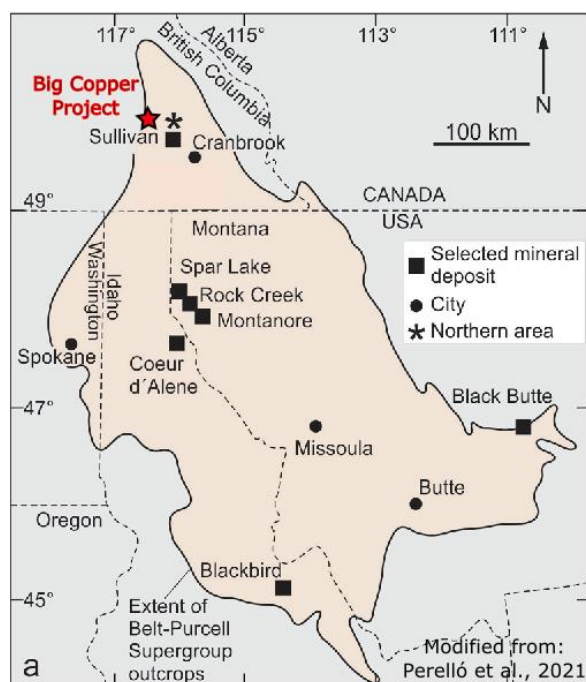
2 Geology

The Big Copper Property is underlain by rocks of the Purcell Supergroup, a group of mid-Proterozoic clastic sediments, gabbro-diorite intrusive sills and dykes, and flood basalts. The Property is located along the western limb of the Purcell Anticlinorium, a broad northerly dipping fold.

Mapping by the Geological survey of Canada (shown in figure 4 below) indicates that the rocks on the Big Copper Property are within the Neoproterozoic Lower Kitchener Formation (formally Coppery Creek Group) which is comprised of green and beige siltstone, dark grey argillite, and dolomitic siltstone.

Historical and current observations suggest that quartzite rocks on the Property may represent a transitional contact with the underlying Creston Formation. The Creston formation is correlative with the Revett Formation which hosts several large copper-silver deposits and undeveloped occurrences in northern Montana and Idaho, including the Spar Lake, Montanore, and Rock Creek deposits (Figure 3). Like the large sediment hosted copper deposits in the Revett formation, the Big Copper Property is unusual in that it hosts both copper and silver at significant levels.

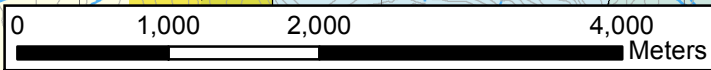
Figure 3: Big Copper Regional Geology



Mineralization at the Big Copper Property has two dominant styles including:

1. Disseminated chalcopyrite-pyrite grains forming parallel to the dominant foliation and locally forming discrete sulphide bands.
2. Clotted chalcopyrite grains hosted within bedding parallel, deformed quartz-siderite veins

Mineralization is proximal from the transition from bright green, chlorite rich sediments to thin bedded yellow-cream quartz rich sediments. This color change may represent the change from reduced to oxidized fluids, a common signature of mineralization at sediment hosted copper deposits.

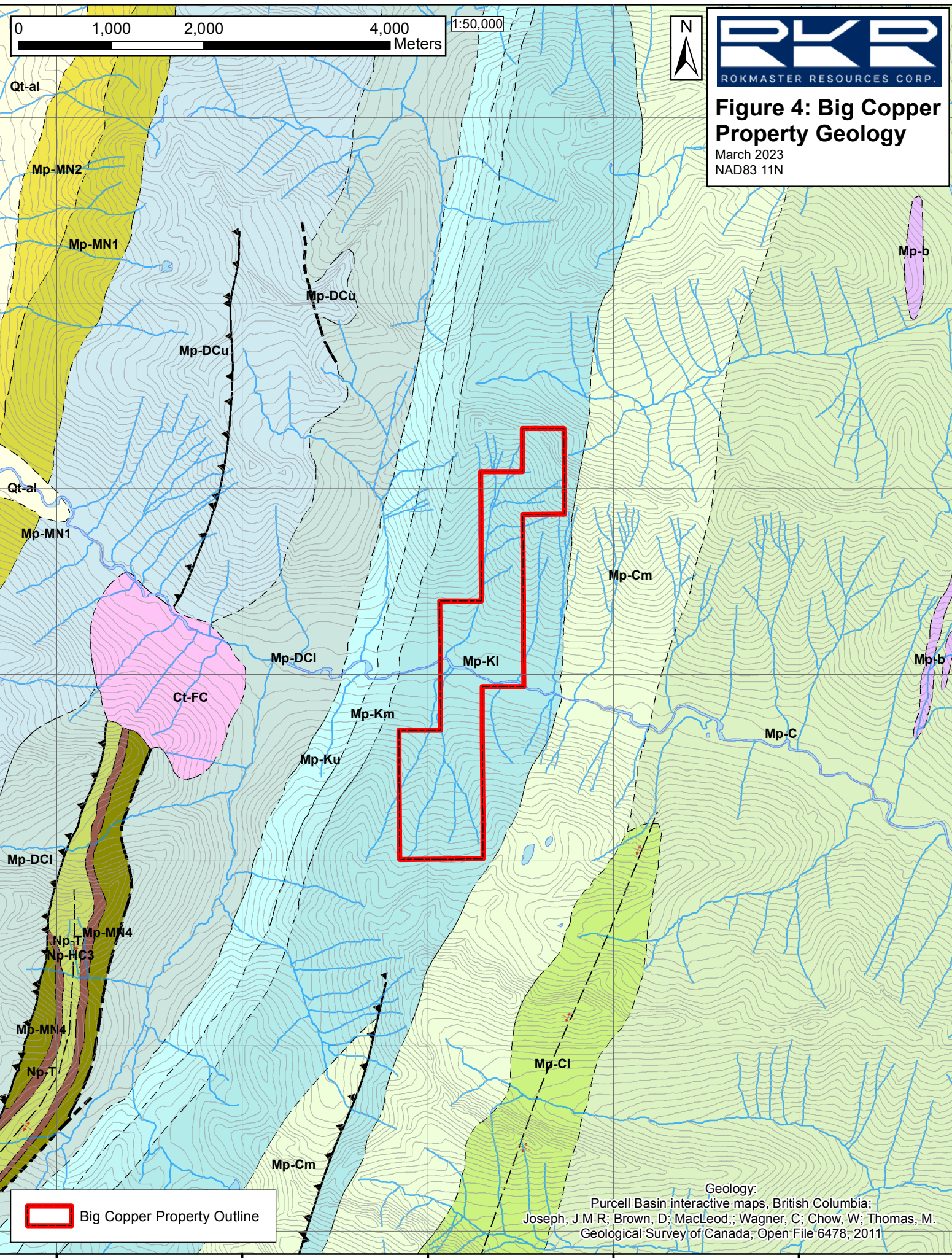



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Figure 4: Big Copper Property Geology

March 2023
NAD83 11N



 Big Copper Property Outline

Geology:
Purcell Basin interactive maps, British Columbia;
Joseph, J M R; Brown, D; MacLeod,.; Wagner, C; Chow, W; Thomas, M.
Geological Survey of Canada, Open File 6478, 2011

Figure 5: Big Copper Property Geology Legend



3 Historical Technical Work

3.1 Government Mapping and Surveys

The Geological Survey of Canada (“GSC”) have completed geological mapping and research at various scales in the Big Copper Property area:

- Between 1938 and 1940, Rice completed a 1:253,440 scale geological map and accompanying report of the geology between Kaslo and Creston for the Geological Survey of Canada (Rice, 1938, 1940).
- In 1996, Ressor published a 1:100,000 scale geological map of the area east of Kootenay Lake (Reesor, 1996). This mapping was largely used for the digital compilation described below and shown on figure 4.
- In 2011, Joseph et al. (2011) compiled the geological mapping of the Purcell Basin to create a series of digital GIS files.

3.2 Historical Exploration

As the Big Copper Property is in the vicinity of the Sullivan Mine, which operated for nearly 100 years, there has been repeated exploration efforts focused on the outcropping copper-sulphide mineralization on the Property. The following chronological summary is largely sourced from assessment reports contained in the BC Ministry of Energy, Mines, and Petroleum Resources' Assessment Report Database ("ARIS").

Likely built prior to the 1950's, five adits are known on the south side of the St. Mary River and 2 old adits exist on the north side of the River.

In 1976, Meridian Resources completed an EM survey and a program of geological mapping, including detailed mapping of the historical trenches, on the Big Copper Property (ARIS #6206). The report provides a good account, and map, of the historical work that was completed prior to assessment reporting and documents that:

In 1965, Cominco collared 5 diamond drill holes at an elevation of approximately 1,830 m on the north side of the Saint Mary River. Four out of the five drillholes cored significant copper mineralization; significantly silver was not assayed for.

DDH 1A: 4.4 m of 3.30% Cu (within 29.7 m of 1.40% Cu).

DDH 3: 4.1 m of 1.20% Cu.

DDH 4: 3.0 m of 0.20% Cu.

DDH 5: 1.5 m of 1.60% Cu.

In 1967, Pharaoh Mines completed four percussion drillholes targeted the Big Copper mineralized zone at an elevation of 1,370 m, also on the north side of the Saint Mary River, cut:

Drillhole S1: 12.2 m of 0.92% Cu and 6.2 g/t Ag.

Drillhole S2: 9.1 m of 0.57% Cu and 3.4 g/t Ag.

Drillhole S3: 9.1 m of 0.19% Cu and trace Ag.

Drillhole S4: 9.1 m of 0.85% Cu and 12.0 g/t Ag

It is noted that the above drilling intercepts are likely not true widths of mineralization and the original report(s) have not been sourced. The 1976 report also records geochemical results for

numerous trenches. Many of the trenches north of the river returned meter-scale intervals of strong copper and silver mineralization. Samples from the 4600 level adit south of the River returned 2.1 m of 1.69 % Cu and 1.70 oz/t Ag. The location of these trenches and drillholes are shown in figure 6 below.

In 1985, two shallow diamond drillholes were completed north of the St. Mary River at ~4,400' by Deck, Kuntz, and Jackson (ARIS #14750). Issues with equipment precluded access and drilling and although sulphide mineralization is reported, no results are available.

In 1988, South Kootenay Goldfields had D. Jackson complete prospecting, apparently with a focus for galena mineralization, on the Big Copper Property (ARIS #18258). Five rock samples were collected south of the St. Mary River and returned anomalous copper (3.29 % Cu) and silver (13.96 oz/t Ag) results.

In 1990, a small VLF-EM and magnetic survey was completed on the lower slopes north of the St. Mary River (ARIS #20515). Conductive and magnetic anomalies were detected as a result of the limited survey.

In 1994, Pacific Mariner Explorations completed a VLF-EM and magnetometer survey and limited soil sampling on the Property, south of the St. Mary River (ARIS #23605). Anomalies in both geophysical methods were detected, and soils anomalous in lead, zinc, and copper were described to be spatially related to magnetic linear features.

In 1995, Abitibi Mining collared four drillholes near the St. Mary River, with two each on both the north and south side of the River (ARIS #24268). A total of 306.3 m of NQ core was drilled in four drillholes. Sheared sediments and minor disseminated pyrite and chalcopyrite were described and no samples were taken for assay.

In 2007, Ruby Red Resources completed a prospecting program on the Property collecting 27 rock samples from north of the St. Mary River (ARIS #30297). Many samples from old workings and showings returned >1.0 % copper with related elevations in silver, lead, and zinc. Notably, a sample of a 15 cm quartz vein hosting chalcopyrite and pyrite returned 35.4 g/t Au (Figure 6).

In 2012, Jack Denny completed a program of soil and rock sampling on the Big Copper Property (ARIS #33347). Rock samples collected from the Bracebridge area north of the River returned up to 3.175 % Cu and a mineralized shear south of the River returned 1.026 % Cu.

2021 was the first exploration conducted on behalf of the current operator. Much like the work detailed in this assessment, time on the property was limited, and primarily due diligence investigations of previous exploration results and geologic observations, as well as reconnaissance of historic workings. Focused on northern portions of the property, including around the Bracebridge showing, 5 petrographic and 7 geochemical rock samples were taken. All samples assayed for anomalous copper, silver and gold. Highlights around the showing included a 1.10m chip line returning 0.88 % Cu, 34 g/t Ag, and grab samples with up to 12.56 % Cu and 147 g/t Ag. Further south along the mineralization trend, additional grab samples yielded significant results as high as 2.93% Cu and 128 g/t Ag.

0 250 500 1,000
Meters

1:20,000



Figure 6: Big Copper Historical Exploration

March 2023
NAD83 11N

1965 Cominco Drillholes





DDH 1A: 4.4 m of 3.30% Cu
DDH 3: 4.1 m of 1.20% Cu
DDH 4: 3.0 m of 0.20% Cu
DDH 5: 1.5 m of 1.60% Cu

2007 Rock Sample
35.4 g/t Au

1967 Pharaoh Mines Drillholes

Drillhole S1: 12.2 m of 0.92% Cu and 6.2 g/t Ag
Drillhole S2: 9.1 m of 0.57% Cu and 3.4 g/t Ag
Drillhole S3: 9.1 m of 0.19% Cu and trace Ag
Drillhole S4: 9.1 m of 0.85% Cu and 12.0 g/t Ag

4600 Level Adit
2.1 m of 1.69 % Cu and 1.70 oz/t Ag

-  Historical Adits and Outcrops
-  Historical Drillholes
-  Historical Trenches
-  Big Copper Property Outline

534000

536000

5514000

5512000

5510000

4 2022 Exploration Program

The southern portion of the Big Copper property was visited on October 11, 2022 to continue Rokmaster Resources' investigations of historical sampling results, relocating past workings and to examine the geologic and structural settings of the property's shear-hosted veining and related Cu-Ag mineralization. Further south and down-strike of the Bracebridge showing, the observed regional trend maintains a southerly bearing, and is exposed intermittently at a few surface expressions. The extent of the work area, approximately 360 metres, was book-ended by two showings: Welcome (4300 level) and Enterprise (Creek showing – 4600 level). Six rock samples were collected for geochemical analyses, from outcroppings and dumps around three minor historic workings.

Rock sampling data recorded lithologies of host gangue and bedrock, alteration, sulphides and related secondary minerals along with abundance estimates. Structural data was measured when purchase was available at most observed mineralized zones and hosting structures. Table 2, summarizes the 2022 rock samples, all representative grabs that were taken from outcrop and dump piles adjacent three observed historic workings. Samples were subject to preparation of crushing to 70% passing 2 mm, splitting 500 g, then pulverizing to 85% passing 75µm (MSA Labs Code: PRP-915). Geochemical analysis was by 50 gram fire assay with AAS finish (MSA Labs Code: FAS-221) and four acid digestion with ICP-AES finish for 30 elements (MSA Labs Code: ICP-240). Standard reference material samples were inserted sporadically throughout the sample sequence and these all passed within a three standard deviation threshold of the expected value.

4.1 Rock Sample Geochemistry

Of the six total rock samples collected in 2022, all assayed for anomalous copper with 5 of these returning low-grade to significant silver values. Two dump grabs taken from the Enterprise ("Creek") showing area also detected minor gold in one and significant lead in the other. Sampling was concentrated along the mineralized shear-vein zone, previously explored via the Welcome and Enterprise showings, whose trend roughly bisects the southern portion of the Big Copper Property. Limited outcrop exposure was found around three historic workings, but observed geology was consistent: strongly deformed, gossaneous quartz-sericite schists with foliation-parallel, northerly striking shearing that dips moderately to the east. This shear structure hosts

chalcopyrite mineralization and quartz-siderite veining with notable local abundances of galena, and secondary malachite and covellite. Detected precious and base metals were strongest at the southern extent of the sampling, taken from the dump of the Enterprise ('Creek') showing, with sample BCU22-05 assaying for 2.9 % Cu, 0.2 g/t Au, 84.7 g/t Ag and 0.9 % Pb, and sample BCU22-06 returning significant values of 287 g/t Ag, 11.7 % Pb, with 0.6 % Cu and 0.1 g/t Au. These strong silver and lead returns can be attributed to semi-massive galena mineralization, estimated at 20-40% abundance, within these samples. Testing at the northern extent, at the lowest elevation working, the Welcome showing, yielded assays of 13.1 g/t Ag, 0.7 % Cu, and 15.2 g/t Ag, 1.1 % Cu from samples BCU22-01 and BCU22-02 respectively. Copper-silver mineralization was also confirmed between the two main showings, nearly halfway along the trend at the collapsed 4500 level cross-cut with sample BCU22-04 returning 0.8 % Cu and 12.4 g/t Ag.

Near-consistent, prospective levels of copper can be attributed to chalcopyrite being pervasive throughout the sampling area. The highest silver values were from semi-massive galena mineralization observed locally, and strong oxidation at most of the surface outcrops visited may have elevated silver values in areas where galena was not visually observed.

See Table 2 and Figure 7 below, for summary and mapping of the 2022 rock sampling.

Table 2: 2022 Rock Samples

Sample #	Type	Easting	Northing	Cu (%)	Ag (g/t)	Au (g/t)	Pb (ppm)	Zn (ppm)
BCU22-01	outcrop grab	534282	5511552	0.69	13.10	0.05	23	57
BCU22-02	outcrop grab	534290	5511552	1.11	15.20	0.09	31	68
BCU22-03	outcrop grab	534293	5511541	0.54	1.00	0.01	9	67
BCU22-04	dump grab	534223	5511391	0.76	12.40	0.03	12	179
BCU22-05	dump grab	534158	5511223	2.94	84.70	0.17	8802	151
BCU22-06	dump grab	534150	5511214	0.62	287.00	0.10	117400	34

534000.000

534200.000

534400.000

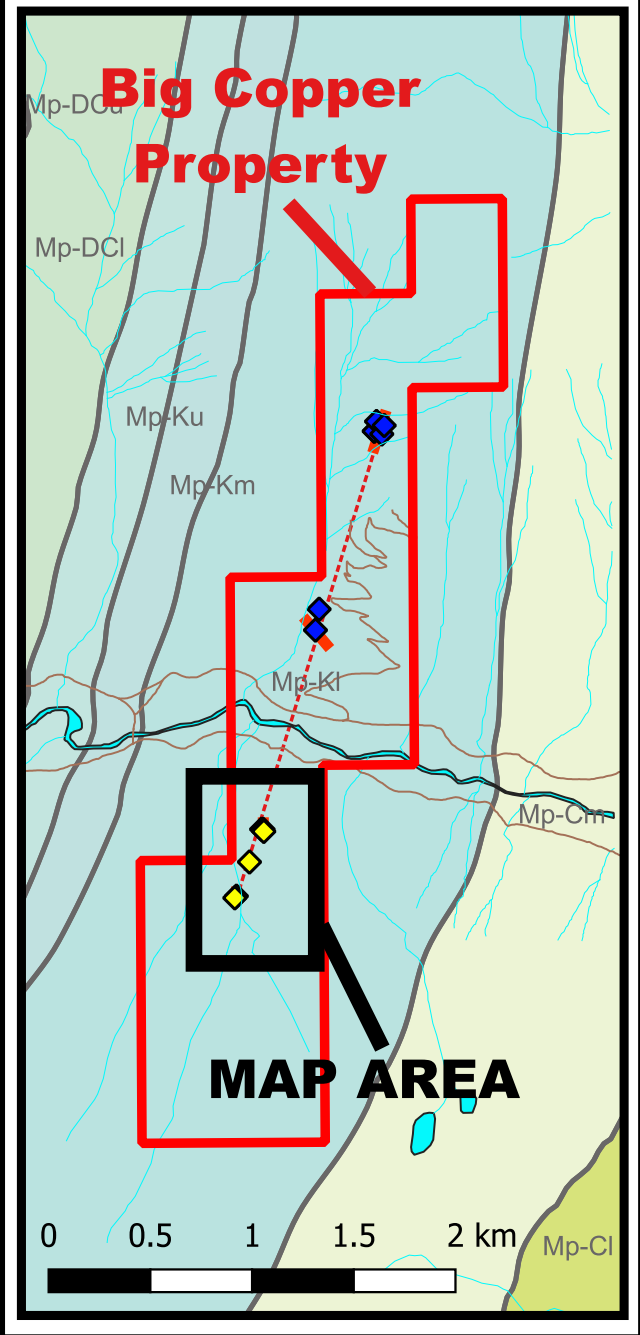


Figure 7: Big Copper Property 2022 Rock Samples

NAD 83 11N

March 2023

Sample #	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)
BCU22-01	0.054	13.1	6886	23	57
BCU22-02	0.093	15.2	11060	31	68
BCU22-03	0.006	1	5391	9	67
BCU22-04	0.027	12.4	7605	12	179
BCU22-05	0.166	84.7	29430	8802	151
BCU22-06	0.097	287	6237	117400	34



5511600.000

5511400.000

5511200.000

5511000.000

5511600.000

5511400.000

5511200.000

5511000.000

Welcome showing
4300 Level

BCU22-01

BCU22-02

BCU22-03

BCU22-04

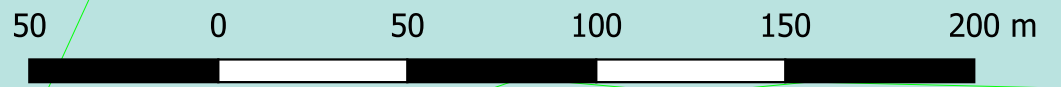
Enterprise ("Creek") showing
4600 Level

BCU22-06

BCU22-05

Mp-Kl

1 : 2,000



LEGEND

- Mp-Cl: Creston Formation Lower: argillite and siltstone, lesser quartz wacke
- Mp-Cm: Creston Formation Middle: quartz arenite, quartz wacke, lesser siltstone, argillite, quartzite
- Mp-DCI: Dutch Creek Formation Lower
- Mp-Kl: Kitchener Formation Lower: siltstone, argillite, dolomitic siltstone
- Mp-Km: Kitchener Formation Middle: dolomitic siltstone, dolomitic argillite; dolomite, quartzite
- Mp-Ku: Kitchener Formation Upper: dolomite, interbedded quartzite
- Big Copper Property outline
- Water bodies
- Elevation contour - 40 m

- Adit
- Foliation w/ conformable shearing
- 2022 Rock Samples
- 2021 Rock Samples
- Veining - mineralization trace
 - inferred
 - observed

534000.000

534200.000

534400.000

5 Conclusions and Recommendations

In a follow-up to the previous season, a second round of preliminary work was conducted on the Big Copper Property in 2022 that included rock sampling to verify historic reporting of economic potential within the southern half of the property. Assays of the 2022 work confirmed moderate to high grade copper and low to high grade silver at all sampling sites visited, covering a 360 metre strike distance. These results occur less than a kilometre down-strike of the high-grade copper and silver samples collected during 2021 in the northern area of the property. Combined, this is very encouraging, with sampling from both campaigns coincident along the same north-easterly strike line, that now traces, several verified copper-silver mineralized zones over a 2,400 metre extent.

Further prospecting and geologic mapping are needed to determine the extent of the mineralized zone explored in the 2022 work area that remains open to the south. Past mapping (Holcapek, 1976) helped to accurately locate the main showings, and lends to its credibility and depiction of a southern continuation of the mineralized structure hosting quartz-siderite veining. Any future field work will be limited by the lack of outcrop in this area, but combined with soil sampling could be effective vectors to expand the lateral bounds of this system in plan as well. Sigmoidal - extensional vein arrays seem probable in the periphery, given the observed and inferred prominence of this shear-vein zone.

As well, limited historic drilling that was prospective but lacked follow-up, reported economic mineralization at depth in several locales. Interpretating these past results as part of the surface mineralization, suggests the system is still open at depth. When considering this with the strong correlations linking the southern and northern zones over a 2.4 kilometre trend, could justify diamond drilling exploration including the twinning of historic holes and executing new drill arrays from the eastern hanging wall side of the area.

References

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Rice, H. M. A. 1940. Nelson, East Half, Kootenay District, British Columbia. Geological Survey of Canada, "A" Series Map 603A.

ARIS Report	Year	Report Title	Operator	Author	Cost of Work
6206	1976	Geological and Geophysical Report on The Bracebridge Property, Kimberley Area	Meridian Resources	Holcapek, F.	\$48,701.59
14750	1985	Drilling Report on the Bracebridge Group	Jackson, Donald C.	Jackson, Donald C.	\$8,382.31
18258	1988	Mineral Assessment Report on the Enterprise Property	South Kootenay Goldfields Inc.	MacDonald, E.D.	\$5,617.98
20515	1990	Geophysical Report on the Bracebridge Property	Jackson, Donald C.	Klewchuk, Peter.	\$2,506.38
23605	1994	Geochemical and Geophysical Report on the Lill, Welcome CG, Surprise and Dream Claims	Pacific Mariner Explorations Ltd.	Rodgers, Glen M. (FMC #123054)	\$4,078.21
24268	1995	Diamond Drilling Report Welcome Property	Pacific Mariner Explorations Ltd.	Rodgers, Glen M. (FMC #123054)	\$20,021.65
30297	2007	Geochemical Report on the Bracebridge Property	Ruby Red Resources Inc.	Kennedy, Sean J. (FMC #142365)	\$3,352.63
33347	2012	Big Copper 2012 Prospecting and Geochemistry Report	Rokmaster Resources Corp.	Denny, Jack; Igrada, Luis.	\$12,026.01
40118	2021	Assessment Report Big Copper Property	Rokmaster Resources Corp.	Malek, Connor.	\$11,040.00

Cost Statement

Big Copper Property 2022 Cost Statement				
Exploration Work Type	Details	Days	Rate	Subtotal
Personnel- Prospecting				
Rokmaster Resources - Prospector JD	Oct 11-12, 2022	2	\$600.00	\$1,200.00
Rokmaster Resources - Geologist PW	Oct 11-12, 2022	2.5	\$600.00	\$1,500.00
Geochemical				
MSA Labs	Rock Samples	6	\$38.00	\$228.00
Rentals, Consumables, Travel, Accommodation				
Jack Denny	Pickup Truck Rental to access St. Mary FSR	1	\$100.00	\$100.00
Jack Denny	Quad Truck Rental to access Property	1	\$80.00	\$80.00
Accommodation	overnight Oct 11-12, 2022	1	\$185.12	\$185.12
Various	Food Oct 11-12, 2022	1	\$200.00	\$200.00
Office Studies/Logistics				
Rokmaster Resources - Geologist PW	Assessment Report Writing	2	\$600.00	\$1,200.00
Total Expenditures				<u>\$4,693.12</u>

Statement of Qualifications

I, Pat Williams hereby certify that:

1. I am an independent Project Geologist residing at 4065 Alpine Road, Nelson BC, V1L 6T1.
2. I am a graduate of the University of Windsor with the degree of Honours Bachelor of Science in Earth Sciences (1998).
3. I have worked in mineral exploration in North America continuously since 2004.
4. This report is based upon work conducted personally at the Big Copper Property, acting as field Geologist on behalf of Rokmaster Resources Corp., during their 2022 exploration season.

Dated at Nelson, British Columbia, this 10th day of March, 2023.



Pat Williams, B. Sc.

March 10, 2023

APPENDIX I: SAMPLE DATA

2022 Rock Samples: Location-Description Log

Sample #	Certificate	UTM Easting	UTM Northing	Sample Type	Date	Property	Notes
BCU22-01	YVR2211424	534282	5511552	outcrop grab	Oct 11, 2022	Big Copper - Welcome showing	taken from brow of collar, 4300 adit (@186Az); intensely silicified, foliated (@360.65E) qtz-sericite schist; mx hosted in sub-metre shear, foltn parallel; buff to brown, rusty and gossanous; 3-5% cpy with 2-3% malachite acicular to earthy aggregates > staining
BCU22-02	YVR2211424	534290	5511552	outcrop grab	Oct 11, 2022	Big Copper - Welcome showing	4300 level, approx 8 m east of adit; semi-continuous chip sample over 1m contains HW / 30-40cm shear / FW; qtz-sericite schist with shear, foliation as in BC22-01; boudinaged qtz and siderite; 5-8% cpy +/- malachite w/ tr-1% f.g. covellite?
BCU22-03	YVR2211424	534293	5511541	outcrop grab	Oct 11, 2022	Big Copper - Welcome showing	approx. 10m uphill, along foltn and shear trend from 4300 adit; qtz-sericite schist w/ 2% malachite, tr cpy, tr azurite, covellite?
BCU22-04	YVR2211424	534223	5511391	dump grab	Oct 11, 2022	Big Copper	sampled from dump of 4500 x-cut adit (@112Az); qtz-siderite veining in qtz-sericite schist; 2-3% dssem to chunky cpy, tr malachite
BCU22-05	YVR2211424	534158	5511223	dump grab	Oct 11, 2022	Big Copper - Enterprise showing	dump grab from 4600 level - Creek Showing; well mx'd dump cobs; grey to brown-orange rusty; intensely silicified schist/qtz-sericite schist w/ abundant qtz-siderite veining, some siderite veinlets w/ milling brecciation; 1% py, 10% cpy, semi-msv to disseminated; 5-8% galena in f.g. lenses to semi-msv, locally 20-30%
BCU22-06	YVR2211424	534150	5511214	dump grab	Oct 11, 2022	Big Copper - Enterprise showing	dump grab from 4600 level; taken from single boulder; from southern end of Creek showing dump; same as BCU22-05 w/ 30-40% semi-msv galena in 2-10cm wavy banding; 2-5% cpy

APPENDIX II: CERTIFICATE OF ANALYSIS AND LAB PROCEDURES



MSALABS
 Unit 1, 20120 102nd Avenue
 Langley, BC V1M 4B4
 Phone: +1-604-888-0875

To: **Rokmaster Resources**
1150-625 Howe Street
Vancouver, BC, V6C 2T6
Canada

TEST REPORT: YVR2211424

Project Name: Various
 Job Received Date: 19-Dec-2022
 Job Report Date: 18-Jan-2023
 Number of Samples: 6
 Report Version: Final

COMMENTS:

Coarse gold may be present in some samples.

Test results reported relate to the tested samples only on an "as received" basis. Unless otherwise stated above, sufficient sample was received for the methods requested and all samples were received in acceptable condition. Analytical results in unsigned reports marked "provisional" are subject to change, pending final QC review and approval. The customer has not provided any information that can affect the validity of the test results. Please refer to MSALABS' Schedule of Services and Fees for our complete Terms and Conditions. Preliminary results are applicable when a portion of samples in a job is 100% completed and reported or 1 of a number of methods on the same job have been completed 100%. Results cannot change, but additional results or results for additional methods can be added.

SAMPLE PREPARATION	
METHOD CODE	DESCRIPTION
PRP-910	Dry, Crush to 70% passing 2mm, Split 250g, Pulverize to 85% passing 75µm

ANALYTICAL METHODS	
METHOD CODE	DESCRIPTION
FAS-111	Au, Fire Assay, 30g fusion, AAS, Trace Level
ICF-6Ag	Ag, 0.2g, 4-Acid, ICP-AES, Ore Grade
ICF-6Cu	Cu, 0.2g, 4-Acid, ICP-AES, Ore Grade
ICF-6Pb	Pb, 0.2g, 4-Acid, ICP-AES, Ore Grade
ICP-230	Multi-Element, 0.25g, 4-Acid, ICP-AES, Trace Level

Signature:

Yvette Hsi, BSc.
 Laboratory Manager
 MSALABS



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To: **Rokmaster Resources**
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Canada

TEST REPORT:	YVR2211424
---------------------	-------------------

Project Name: Various
 Job Received Date: 19-Dec-2022
 Job Report Date: 18-Jan-2023
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	FAS-111 Au ppm	ICF-6Ag Ag ppm	ICF-6Cu Cu %	ICF-6Pb Pb %	ICP-230 Ag ppm	ICP-230 Al %	ICP-230 As ppm	ICP-230 Ba ppm	ICP-230 Be ppm
		0.01	LOR	0.005	1	0.001	0.01	0.5	0.01	5	10	0.5
Granite Blank	QC-P-BK	--		<0.005				<0.5	8.20	<5	288	0.7
Granite Blank	QC-P-BK	--		<0.005				<0.5	8.65	<5	302	0.7
BCU22-01	Rock	1.42		0.054				13.1	3.32	7	115	1.1
BCU22-02	Rock	2.42		0.093		1.106		15.2	3.29	60	113	1.1
BCU22-03	Rock	2.39		0.006				1.0	3.16	17	127	1.0
BCU22-04	Rock	2.18		0.027				12.4	0.22	7	<10	<0.5
BCU22-04PD	QC-PD	--		0.052				14.0	0.24	7	<10	<0.5
BCU22-05	Rock	3.16		0.166		2.943		84.7	0.79	17	36	<0.5
BCU22-06	Rock	5.90		0.097	287		11.74	>100	0.85	<5	39	<0.5
DUP BCU22-01				0.038								
DUP BCU22-06								>100	0.85	<5	40	<0.5
STD BLANK				<0.005				<0.5	<0.01	<5	<10	<0.5
STD BLANK					<1	<0.001	<0.01					
STD OxF181				0.771								
STD OREAS 601					243			50.2	6.44	309	1116	2.1
STD CDN-ME-1407												
STD MP-1b						2.967	2.07					

***Please refer to the cover page for comments regarding this test report. ***



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Canada

TEST REPORT:	YVR2211424
---------------------	-------------------

Project Name: Various
 Job Received Date: 19-Dec-2022
 Job Report Date: 18-Jan-2023
 Report Version: Final

Sample ID	ICP-230 Bi ppm	ICP-230 Ca %	ICP-230 Cd ppm	ICP-230 Co ppm	ICP-230 Cr ppm	ICP-230 Cu ppm	ICP-230 Fe %	ICP-230 Ga ppm	ICP-230 K %	ICP-230 La ppm	ICP-230 Li ppm	ICP-230 Mg %
Granite Blank	<2	4.16	<0.5	16	53	8	5.80	21	0.55	<10	<10	1.97
Granite Blank	<2	4.32	<0.5	16	56	9	6.05	23	0.57	<10	<10	2.05
BCU22-01	4	0.05	0.8	39	62	6886	2.49	13	1.41	49	10	0.50
BCU22-02	11	0.06	1.4	82	90	>10000	4.59	13	1.56	23	<10	0.13
BCU22-03	5	1.31	1.6	59	55	5391	1.69	10	1.48	34	<10	0.75
BCU22-04	5	12.06	4.7	24	23	7605	6.52	<10	0.08	<10	<10	5.37
BCU22-04PD	7	12.58	4.4	24	33	8617	6.84	<10	0.09	<10	<10	5.54
BCU22-05	200	2.14	3.3	64	53	>10000	6.41	<10	0.36	<10	<10	0.67
BCU22-06	519	0.29	4.1	11	66	6237	2.24	<10	0.41	<10	<10	0.11
DUP BCU22-01												
DUP BCU22-06	524	0.29	4.2	11	66	6317	2.25	<10	0.41	<10	<10	0.11
STD BLANK	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10	<0.01	<10	<10	<0.01
STD BLANK												
STD OxF181												
STD OREAS 601	19	1.28	8.3	4	45	995	2.46	23	2.13	26	23	0.39
STD CDN-ME-1407												
STD MP-1b												

***Please refer to the cover page for comments regarding this test report. ***



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TEST REPORT:	YVR2211424
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Project Name: Various
 Job Received Date: 19-Dec-2022
 Job Report Date: 18-Jan-2023
 Report Version: Final

Sample ID	ICP-230 Mn ppm	ICP-230 Mo ppm	ICP-230 Na %	ICP-230 Ni ppm	ICP-230 P ppm	ICP-230 Pb ppm	ICP-230 S %	ICP-230 Sb ppm	ICP-230 Sc ppm	ICP-230 Sr ppm	ICP-230 Th ppm	ICP-230 Ti %
Sample ID	5	1	0.01	1	10	2	0.01	5	2	1	8	0.01
Granite Blank	1172	2	3.10	14	948	<2	0.10	<5	24	344	<8	0.53
Granite Blank	1205	4	3.18	15	989	<2	0.09	<5	26	354	<8	0.55
BCU22-01	579	7	0.06	18	176	23	0.56	6	5	6	<8	0.09
BCU22-02	574	13	0.06	30	202	31	2.89	11	6	5	<8	0.07
BCU22-03	1226	6	0.07	20	184	9	0.11	<5	5	10	<8	0.08
BCU22-04	7122	3	0.01	28	25	12	0.67	<5	<2	48	<8	<0.01
BCU22-04PD	7355	3	0.01	29	20	12	0.76	<5	<2	50	<8	<0.01
BCU22-05	2984	8	0.02	39	36	8802	3.41	15	<2	6	<8	0.02
BCU22-06	334	10	0.02	16	40	>10000	2.82	136	<2	2	<8	0.02
DUP BCU22-01												
DUP BCU22-06	334	10	0.02	16	40	>10000	2.83	149	<2	2	<8	0.02
STD BLANK												
STD BLANK	<5	<1	<0.01	<1	<10	<2	<0.01	<5	<2	<1	<8	<0.01
STD BLANK												
STD OxF181												
STD OREAS 601	488	4	1.50	25	476	334	1.06	37	5	232	8	0.18
STD CDN-ME-1407												
STD MP-1b												

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TEST REPORT:	YVR2211424
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Project Name: Various
 Job Received Date: 19-Dec-2022
 Job Report Date: 18-Jan-2023
 Report Version: Final

	ICP-230 Tl ppm	ICP-230 V ppm	ICP-230 W ppm	ICP-230 Zn ppm	ICP-230 Zr ppm
Sample ID	10	1	10	2	5
Granite Blank	<10	201	<10	45	51
Granite Blank	<10	207	<10	45	54
BCU22-01	<10	28	<10	57	35
BCU22-02	<10	30	<10	68	22
BCU22-03	<10	26	<10	67	24
BCU22-04	<10	3	<10	179	<5
BCU22-04PD	<10	3	<10	193	5
BCU22-05	<10	5	<10	151	8
BCU22-06	<10	5	<10	34	6
DUP BCU22-01					
DUP BCU22-06	<10	5	<10	36	7
STD BLANK					
STD BLANK	<10	<1	<10	<2	<5
STD BLANK					
STD OxF181					
STD OREAS 601	<10	25	<10	1333	156
STD CDN-ME-1407					
STD MP-1b					

***Please refer to the cover page for comments regarding this test report. ***

DETERMINATION OF GOLD IN MINERAL SAMPLES USING FIRE ASSAY LEAD COLLECTION AND AAS OR ICP-OES FINISH

METHOD CODES: FAS-111, FAS-121, FAS-114, FAS-124, FAS-211, FAS-221, FAS-214, FAS-224
AuAg-12, AuAg-22
MET-FA1, MET-FA2

DESCRIPTION:

Received samples are dried and prepared to meet passing criteria of 85% - 75µm for rocks, drill core and similar materials, and 180µm for soils, sediments and similar sample matrices.

The homogeneous pulverized sample is weighed, mixed with flux (a blend of litharge, soda ash, borax, silica, silver and various other essential reagents), and then fused to produce a lead button. The gold-containing lead button is cupelled to remove the lead and yield a bead which contains precious metals. The bead is then digested with nitric acid and hydrochloric acid. After the digestion is complete, the solution is bulked up to volume with dilute hydrochloric acid. The final solution is analyzed either by AAS or ICP-OES.

Quantitation Limits for Elements Reported by the Fire Assay Instrumental Finish Method

Method Code	Parameter	Finish	Fusion Size (g)	Detection Limit (ppm)	Upper Quantitation Limit (ppm)
FAS-111	Au	AAS	30	0.005	10
FAS-121	Au	AAS	50	0.005	10
FAS-114	Au	ICP-OES	30	0.002	10
FAS-124	Au	ICP-OES	50	0.002	10
FAS-211	Au	AAS	30	0.01	100
FAS-221	Au	AAS	50	0.01	100
FAS-214	Au	ICP-OES	30	0.01	100
FAS-224	Au	ICP-OES	50	0.01	100
AuAg-12	Au	AAS	30	0.005	10
AuAg-22	Au	AAS	50	0.005	10
MET-FA1	Au	AAS	30	0.005	10
MET-FA2	Au	AAS	30	0.01	100

REPORTING UNITS: As noted in the table.

QUALITY CONTROL: Preparation duplicates are randomly inserted at a rate of one for every thirty samples during the sample login stage. For every analytical batch of 42 fusions, one analytical blank, two analytical duplicates, and two certified reference materials are randomly distributed. Results are evaluated prior to release of the final test report.

SAMPLE REQUIREMENTS: Sample size requested to perform analysis is 100g.

SAMPLE PREPARATION OF MINERAL SAMPLES

METHOD CODES: PRP-910, PRP-915, PRP-920, PRP-950, PRP-999

DESCRIPTION:

Preparation of drill core, rock and other mineralogical samples requires meticulous care to produce a homogeneous sub-sample for further analysis.

After a sample is received and logged into the tracking system, it must be dried prior to sample preparation. The dried sample is crushed to 70% passing 2mm, and then passed through a riffle splitter to obtain a homogenized, representative split. This sub-sample is then pulverized to 85% passing 75micron.

The preparation packages shown below encompass the basic procedures for rocks, drill core and chip samples. Sample preparation can be customized to suit client needs upon request.

Package Code	Method Description
PRP-910	Dry, crush to 2mm, split off a 250g sub-sample and pulverize to 85% passing 75micron
PRP-915	Dry, crush to 2mm, split off a 500g sub-sample and pulverize to 85% passing 75micron
PRP-920	Dry, crush to 2mm, split off a 1000g sub-sample and pulverize to 85% passing 75micron
PRP-999	Preparation package-client specification

QUALITY CONTROL: Samples are prepared with suitable blanks and/or duplicates. Results are evaluated prior to release.

SAMPLE REQUIREMENTS: Sample size requested to perform preparation step(s) is 1000g.

SAMPLE PREPARATION OF SOIL AND SEDIMENT SAMPLES

METHOD CODES: PRP-757, PSC-999

DESCRIPTION:

Preparation of soil and sediment samples requires meticulous care to produce a homogeneous sub-sample for further analysis.

After a sample is received and logged into the tracking system, it is dried prior to sample preparation. The entire soil or sediment sample is screened using a Tyler 80 mesh screen to remove larger particles, rocks, and/or vegetative matter. Other sieve sizes are available upon client request. The oversized “plus fraction” is discarded while the undersized portion (“minus fraction”) is used for the analysis.

The preparation method for soil is based on samples of up to 500g. Samples that are excessively wet will require additional drying time prior to preparation.

Sample preparation can be customized to suit customer needs upon request.

Package Code	Method Description
PRP-757	Dry, Screen to 80 mesh, Discard Plus Fraction
PSC-999	Screening - Customer Specification

QUALITY CONTROL: Samples are prepared with suitable blanks and/or duplicates. Results are evaluated prior to release.

SAMPLE REQUIREMENTS: Sample size requested to perform preparation step(s) is 500g.

MULTI-ELEMENT DETERMINATION OF MINERAL SAMPLES USING A FOUR ACID DIGESTION AND ICP-OES FINISH

METHOD CODES: ICP-240, ICF-6xx*

DESCRIPTION:

Received samples are dried and prepared to meet passing criteria of 85% - 75µm for rocks, drill core and similar materials, and 180µm for soils, sediments and similar sample matrices.

The prepared homogeneous sample is weighed and digested using the sequential addition of hydrofluoric acid, hydrochloric acid, nitric acid and perchloric acid. Upon completion of the digestion steps, the sample is made up to volume with deionized water. This sample solution is then analyzed by Inductively Coupled Plasma-Optical Emission Spectroscopy. The quantified multi-element concentrations are reported as noted in the table below.

NOTE: Any volatilization losses occurring during digestion may result in the partial recovery of As.

Quantitation Limits for Elements Reported by the 4-Acid ICP-OES Finish Method

Element	Range	Element	Range	Element	Range
Ag	1 – 1,000 ppm	Cu	0.001 – 40 %	P	0.01 – 10 %
Al	0.05 – 30 %	Fe	0.05 – 50 %	Pb	0.01 – 20 %
As	0.005 – 10 %	K	0.1 – 30 %	S	0.05 – 10 %
Ba	0.001 – 5 %	La	0.005 – 5 %	Sb	0.005 – 5 %
Be	0.001 – 1 %	Li	0.005 – 5 %	Sr	0.01 – 10 %
Bi	0.005 – 5 %	Mg	0.05 – 50 %	Ti	0.05 – 30 %
Ca	0.05 – 50 %	Mn	0.01 – 10 %	Tl	0.005 – 1 %
Cd	0.001 – 1 %	Mo	0.001 – 5 %	V	0.001 – 10 %
Co	0.001 – 5 %	Na	0.05 – 30 %	W	0.01 – 5 %
Cr	0.001 – 10 %	Ni	0.001 – 10 %	Zn	0.01 – 40 %

REPORTING UNITS: As noted in the table.

QUALITY CONTROL: Samples are analyzed with suitable reference materials, blanks, and duplicates. Corrections are made for spectral inter-element interferences. Results are evaluated prior to release of the final test report.

SAMPLE REQUIREMENTS: Sample size requested to perform analysis is 10g.