Location/Identification

MINFILE Number: 092ISE050
National Mineral Inventory Number: 092I2 Cu6
Name(s): **ANACONDA**
MINT, CATHY, KEITH 5, JEAN, ROOF PENDANT, WATT

Status: Prospect
Mining Division: Nicola
Electoral District: Fraser-Nicola
Regions: British Columbia
Resource District: Cascades Natural Resource District
BCGS Map: 092I016
NTS Map: 092I02W
UTM Zone: 10 (NAD 83)
Latitude: 50 06 51 N
Northing: 5553579
Longitude: 120 49 48 W
Easting: 655142
Elevation: 686 metres
Location Accuracy: Within 500M

Mineral Occurrence

Commodities: Iron, Copper, Gold, Silver

Minerals
Significant: Specularite, Chalcopyrite
Associated: Quartz, Calcite, Chalcedony
Alteration: Chlorite, Hematite, Carbonate
Alteration Type: Chloritic, Silicific'n, Oxidation
Mineralization Age: Unknown

Deposit
Character: Vein
Classification: Hydrothermal, Industrial Min.

Host Rock

Dominant Host Rock: Volcanic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Triassic	Nicola	Undefined Formation	------

Isotopic Age	Dating Method	Material Dated
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Lithology: Andesite

Geological Setting

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

Inventory

Ore Zone: ANACONDA
Year: 2007
Category: Assay/analysis
Report On: N
NI 43-101: N
Sample Type: Rock

Commodity	Grade
Silver	157.5 grams per tonne
Copper	6.52 per cent

Comments: . A sample (341577) from a 10 by 25 metre area of blasted rock from the Anaconda occurrence area, also contained 0.28 per cent zinc and 0.99 per cent antimony

Reference: Property File - 895120

Ore Zone: NORTHWEST **Year:** 1998

Category: Assay/analysis **Report On:** N

NI 43-101: N

Sample Type: Chip

Commodity	Grade
Silver	5.6 grams per tonne
Copper	0.583 per cent

Comments: A 0.15 metre chip sample (131259) of from a north east striking quartz-carbonate breccia vein with trace chalcopyrite, taken approximately 300 metres north west of the Anaconda shaft

Reference: Assessment Report 25880

Ore Zone: ANACONDA **Year:** 1998

Category: Assay/analysis **Report On:** N

NI 43-101: N

Sample Type: Grab

Commodity	Grade
Silver	6.6 grams per tonne
Copper	0.404 per cent

Comments: a grab sample (131296) over a 2.0 by 0.3 metre area, located approximately 30 metres north of the Anaconda shaft

Reference: Assessment Report 131295

Ore Zone: SOUTHWEST **Year:** 1998

Category: Assay/analysis **Report On:** N

NI 43-101: N

Sample Type: Chip

Commodity	Grade
Copper	0.814 per cent

Comments: a chip sample (131295) of carbonate stockwork veining with disseminated chalcopyrite, located at the junction of north and east striking structures and approximately 250 metres south west of the Anaconda shaft

Reference: Assessment Report 131295

Ore Zone: WEST **Year:** 1998

Category: Assay/analysis **Report On:** N

NI 43-101: N

Sample Type: Chip

Commodity	Grade
Gold	0.76 grams per tonne
Copper	0.162 per cent

Comments: a trench (no. 11), located approximately 200 metres west of the Anaconda workings exposed a narrow west trending quartz vein stockwork with specularite hematite, sample over 0.7 metres, while to the south of the trench a fracture zone with malachite yielded 0.162 per cent copper over 0.7 metres

Reference: Assessment Report 25880

Ore Zone: WEST
Year: 1997
Category: Assay/analysis
Report On: N
NI 43-101: N

Sample Type: Grab

Commodity	Grade
Copper	0.218 per cent

Comments: a float boulder sample (136910) from the Roof Pendant zone

Reference: Assessment Report 25403

Ore Zone: ANACONDA
Year: 1997
Category: Assay/analysis
Report On: N
NI 43-101: N

Sample Type: Rock

Commodity	Grade
Gold	0.87 grams per tonne

Comments: a repeat sample (136907) from the same trench sampled previously sampled in 1993 on the main Anaconda occurrence

Reference: Assessment Report 25403

Ore Zone: SOUTH
Year: 1997
Category: Assay/analysis
Report On: N
NI 43-101: N

Sample Type: Rock

Commodity	Grade
Copper	0.320 per cent

Comments: a sample (136904) of quartz breccia vein from the Watt zone

Reference: Assessment Report 25403

Ore Zone: FLOAT
Year: 1997
Category: Assay/analysis
Report On: N
NI 43-101: N

Sample Type: Grab

Commodity	Grade
Copper	0.588 per cent

Comments: a nearby float sample

Reference: Assessment Report 25403

Ore Zone: ANACONDA

Category: Assay/analysis

Year: 1993

Report On: N

NI 43-101: N

Sample Type: Chip

Commodity	Grade
Gold	1.02 grams per tonne

Comments: A 1.5 metre chip sample (21973) from a trench on the main Anaconda zone

Reference: Assessment Report 23024

Ore Zone: ANACONDA

Category: Assay/analysis

Year: 1993

Report On: N

NI 43-101: N

Sample Type: Grab

Commodity	Grade
Gold	0.095 grams per tonne
Copper	0.22 per cent

Comments: a sample (21979) from a small pit exposing fractured andesite with carbonate, specular hematite and chalcopyrite

Reference: Assessment Report 23024

Ore Zone: WEST

Category: Assay/analysis

Year: 1993

Report On: N

NI 43-101: N

Sample Type: Chip

Commodity	Grade
Copper	0.226 per cent

Comments: a chip sample (21968) from the Roof Pendant zone yielded 0.226 per cent copper over 1.0 metre

Reference: Assessment Report 23024

Ore Zone: WEST

Category: Assay/analysis

Year: 1993

Report On: N

NI 43-101: N

Sample Type: Grab

Commodity	Grade
Copper	0.547 per cent

Comments: grab samples from the Roof Pendant zone

Reference: Assessment Report 23024

Capsule Geology

The Anaconda occurrence is located at an elevation of approximately 680 metres on a northeast-facing slope, south of the Nicola River and approximately 2.8 kilometres west of the community of Merritt.

The area is underlain by the Upper Triassic Nicola Group comprised of andesitic, locally porphyritic flows, minor basaltic flows, volcaniclastics, interbedded sediments and Jurassic(?) granitic intrusions.

Mineralization is evident in highly silicified and chloritized andesite. Workings expose specular hematite in quartz-calcite veins. Minor chalcopyrite is also evident. The mineralized zone is reported to be steeply dipping and trends to the northwest.

Two other zones of mineralization, referred to as the Roof Pendant and Watt zones, are reported in the area. The Roof Pendant zone is located approximately 400 metres west of the Anaconda workings and comprises an east-trending carbonate-specular hematite±quartz vein zones with chalcopyrite. The Watt zone is located approximately 300 metres south of the Anaconda workings and comprises fracture zones with specular hematite, fine disseminated to blebby chalcopyrite and minor chalcedonic quartz.

Work History

Two historic adits, dating to the early 1900s, and a shallow shaft are reported to have been originally developed on the occurrence area. The adits are up to 61 metres long, whereas the shaft, which is located approximately 54 metres above and 120 metres west of the main adit, is approximately 4.5 metres deep. Numerous other test pits and trenches are also reported.

In 1961, Canford Explorations Ltd. completed a program of soil sampling and ground magnetometer and self potential surveys on the area as the Mint 1-6 claims. Both adits were reported to have collapsed by this time. In 1965, Merritt Copper Syndicate completed a 14.3 line-kilometre ground magnetic survey on the area as the Bell, Bill, Mickey and Keith claims.

In 1980, Harlin Resources Ltd. completed a soil sampling program on the area immediately southwest of the occurrence as the Cathy and Jane claims.

In 1993, Conlon Copper Corp. completed a program of geological mapping and rock sampling on the area as the Jean and Paul claims of the Jesse Creek property. A 1.5-metre chip sample (21973) from a trench on the main Anaconda zone assayed 1.02 grams per tonne gold, whereas a sample (21979) from a small pit exposing fractured andesite with carbonate, specular hematite and chalcopyrite assayed 0.22 per cent copper and 0.095 gram per tonne gold (Assessment Report 23024). Also at this time, a chip sample (21968) from the Roof Pendant zone yielded 0.226 per cent copper over 1.0 metre, whereas grab samples from the zone yielded up to 0.547 per cent copper and 7.2 grams per tonne silver (Assessment Report 23024).

In 1997 and 1998, Estey Agencies Ltd. completed programs of geological mapping, prospecting, trenching and geochemical (rock and soil) sampling on the Jesse property.

In 1997, a repeat sample (136907) from the same trench sampled previously sampled in 1993 on the main Anaconda occurrence yielded 0.87 gram per tonne gold, whereas a nearby float sample yielded 0.588 per cent copper (Assessment Report 25403). Also at this time, a float boulder sample (136910) from the Roof Pendant zone yielded 0.218 per cent copper, whereas a sample (136904) of quartz breccia vein from the Watt zone yielded 0.320 per cent copper (Assessment Report 25403).

The following year, a grab sample (131296) over a 2.0- by 0.3-metre area, located approximately 30 metres north of the Anaconda shaft, yielded 0.404 per cent copper and 6.6 grams per tonne silver, whereas a chip sample (131295) of carbonate stockwork veining with disseminated chalcopyrite, located at the junction of north- and east-striking structures and approximately 250 metres southwest of the Anaconda shaft, yielded 0.814 per cent copper (Assessment Report 131295). A 0.15-metre chip sample (131259) from a northeast-striking quartz-carbonate breccia vein with trace chalcopyrite, taken approximately 300 metres northwest of the Anaconda shaft, assayed 0.583 per cent copper and 5.6 grams per tonne silver (Assessment Report 25880). Also at this time, a trench (no. 11), located approximately 200 metres west of the Anaconda workings, exposed a narrow, west-trending quartz vein stockwork with specularite hematite yielding 0.76 gram per tonne gold over 0.7 metre, whereas to the south of the trench a fracture zone with malachite yielded 0.162 per cent copper over 0.7 metre (Assessment Report 25592).

In 2007, the area was examined and sampled by Elan Developments Inc. as the Copper Belle property. A sample (341577) from a 10- by 25-metre area of blasted rock from the Anaconda occurrence area yielded 6.52 per cent copper, 157.5 grams per tonne silver, 0.28 per cent zinc and 0.99 per cent antimony (Property File - 895120).

In 2012, the area was prospected and sampled by Christopher Delorme. The following year, a 3.6 line-kilometre ground electromagnetic survey was completed by Dot Resources Ltd. In 2014, a program of structural analysis was performed.

Bibliography

EMPR ASS RPT 357, 402, 736, 9088, 9089, *23024, *25403, *25592, *25880, 33376, 34053, 34907
EMPR AR 1900-900; *1915-231; 1961-42,115; 1962-132; 1966-167
EMPR EXPL 1980-220

GSC MEM *249, p. 125
GSC MAP 44-20A; 886A; 887A
GSC OF 980
EMR MP CORPFILE (Merritt Copper Co. Ltd.)
EMPR EXPL 1989-119-134

EMPR PFD 827102, 801045, *895120

Date Coded:	1985/07/24	**Coded By:**	BC Geological Survey (BCGS)	**Field Check:**	N
Date Revised:	2021/06/07	**Revised By:**	Karl A. Flower (KAF)	**Field Check:**	N