

PRODUCT

COPPER

PROVINCE OR
TERRITORY British Columbia

N.T.S. AREA 82 F/6

- Card 2 -

REF. Cu 3

NAME OF PROPERTY

EUREKA

LOCATION

Lat.

Long.

Mining Division

District

County

Township or Parish

Lot

Concession or Range

Sec.

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT (continued)

There are apparently two main veins or fissures following the limestone bands to some extent, which may later be shown to be connected. The main veins strikes N52°W and dips 85°NE. The main fissure strikes 17°E with a high dip to the east. The width of the ore, which occurs in fairly well defined shoots in the fissures is from a few inches up to 13 feet, with an average of about 4 feet.

HISTORY OF EXPLORATION AND DEVELOPMENT

Nothing was reported to have happened on this property until 1945 when Kenville Gold Mines Ltd., who owned the Granite Poorman property, took over neighbouring properties on the northern slopes of Toad Mountain, including Eureka. This company cleaned out old adit portals, except those which were seriously caved, surveyed most of the accessible workings and did a considerable amount of surface drillings on its extensive holdings.

In 1950, Copper Leaf Mines Limited started a raise, reopened the 250 foot level for 600 feet, rehabilitated the old shaft and located the old winze. The following year they purchased the property from Kenville Gold Mines Ltd.

In 1953, the property was optioned to Eureka Copper Syndicate, who installed a compressor at the portal of the 450 foot adit.

In 1956, Copper Leaf Mines Limited rehabilitated the upper or 250 foot level and then concentrated their efforts on the south end of the workings where 3 stopes were carried up for a total distance of 110 feet. A stope was also carried up the pillar from the 150 foot level. The Kenville Gold Mines Mill at Nelson was purchased to treat the ore. Reserves were estimated that year at 80,000 tons, grading 0.115 oz. Au/ton; 4.7 oz. Ag/ton; 1.26% Cu; 1.6% Pb, and 0.4% Mo.

Later in 1956, Finley Company of Reno, Nevada, provided funds and all the operations of Copper Leaf Mines Limited were then carried on under that name.

See Also 082F6 Au15

HISTORY OF PRODUCTION

1905-1919 - 6,401 tons.
1950-1954 - 381 tons.

REFERENCES

B.C. Dept. of Mines Reports: 1902, p. 298; 1904, p. 140; 1905, p. 166; 1906, pp. 105, 248; 1907, pp. 103, 213; 1908, p. 106; 1909, p. 119; 1910, pp. 105, 243; 1911, p. 158; 1912, p. 152; 1913, pp. 128, 142; 1915, pp. 134, 146-147; 1916, p. 517; 1917, pp. 172, 194, 448; 1918, pp. 174, 197; 1919, pp. 132, 157; 1920, pp. 133, 148; 1945, p. 96; 1950, p. 120; 1951, p. 135; 1953, p. 113; 1954, pp. 49, 123; 1956, pp. A50, 78.

M.C. File 167-C3-2-15 (1941).

Galloway, J.D.; Lode Gold Deposits in British Columbia; Bulletin No. 1, 1932, p. 100, B.C. Dept. of Mines.

LeRoy, O.E.; Geology of the Nelson Map Area; Summary Report 1911, p. 153, Geological Survey of Canada.

Mulligan, R.; Bonnington Map Area; Paper 52-13, pp. 34-35, Geological Survey of Canada, 1952.

MAP REFERENCES

Map 62 A, Nelson and Vicinity, (Geol.), (Topo.), Sc. 1": 1 mile, G.S.C., 1912.

Map 52-13 A, Bonnington, (Geol.), (Topo.), Sc. 1": $\frac{1}{2}$ mile - G.S.C. Paper 52-13.

Sheet 82 F/SW (M1), Preliminary Mineral Inventory Map, Sc. 1":2 miles - B.C. Dept. of Mines and Petroleum Resources.

Map 1090 A, Nelson, (Geol. & Topo.), Sc. 1":4 miles - with M308, G.S.C., 1960.

REMARKS

Lat. & long. measured on Mineral Reference Map No. 4, Nelson & Trail Creek, Dept. of Lands, B.C., 1929.

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