

PRODUCT

COPPER

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 93 L/11

REF. CU 3

NAME OF PROPERTY LAVA (LORING) (ADELAIDE) (TREMONT)
(BIG BLUE) (HANKIN)

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 1,000. Lat. 54°30'50" Long. 127°05'50"

Mining Division Omineca District Range 5 Coast

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

As indicated on Map 69-1, the underlying rocks are predominantly red, purple, grey, and green andesitic to rhyolitic tuffs, breccias, and flows, with minor intercalated sedimentary rocks. The flat lying volcanics locally contain disseminated chalcopyrite over widths of 4 to 10 feet. A sample across a 6 foot mineralized zone on the Stirling claim assayed: Gold, trace; silver, 1.2 ounces per ton; copper, 1.0%. A sample across 4 ft. of mineralization on the Adelaide claim assayed: Gold, trace; silver, 0.9 ounce per ton; copper, 1.8 per cent.

As described in Geology, Exploration, and Mining, 1970, near flat-lying volcanics are intruded by granodiorite and diorite dykes and plugs. The largest plug contains disseminated chalcopyrite with molybdenite on fractures.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at about the 5,100 foot elevation at the head of "Hankin Basin", on the east fork of Webster Creek, 13 miles south-southwest of Telkwa.

The property, owned from about 1901 by Messrs. Loring, Hankin, and Forrest, was located nearby, or adjacent, to the Telkwa group (93 L/11, CU 2) held by the same owners. The Loring property comprised the Big Blue, Surprise, and Constance claims in 1901-02, and apparently included the Eldorado claim from about 1903. In 1905 the property was reported on under the names Tremont group, which included the Belmont claim, and Stevenson group. In 1914 the property included the Big Blue, Stirling, Yellowhead, and Yellowhammer claims, and possibly the Adelaide claim.

Assessment work was carried out by the owners until 1914 and included open cuts, a 30 foot adit on the Big Blue claim, and 15 foot and 40 foot adits on the Eldorado claim.

Falconbridge Nickel Mines Limited in 1968 staked the Lava 1-135 claims. Exploration work during the period 1968-1970, inclusive, included geological mapping, magnetometer and self potential surveys, soil and silt geochemical surveys, and 846 feet of diamond drilling in 6 holes. By 1970 the property had been reduced to 48 claims.

Maharaja Minerals, Limited, held the Hankin 17-26 claims in this vicinity in 1973. Work included geological mapping, and 22 channel samples on Hankin 23, 24.

Associated minerals or products of value - Silver, molybdenum.

120429
Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1901, p. 991; 1902, p. 47; 1903, p. 52; 1905, pp. 84, 125; 1914, p. 224; 1968, p. 129.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 86; 1970, p. 159; 1973, p. 346.

Leach, W.W.; The Telkwa River and Vicinity, B.C.; Report No. 988, Addendum, p. 2, Geol. Surv. of Canada, 1908.

MAP REFERENCES

#Sketch Map of the Telkwa River and Vicinity, (Geol.), Sc. 1":2 miles - accomp. Report No. 988, Geol. Surv. of Canada, 1908.
 Map 69-1, Smithers, Hazelton, and Terrace Areas, (Geological compilation), Sc. 1":4 miles, British Columbia Dept. of Mines.
 Preliminary Map 44-23, Smithers, (Geol.), Sc. 1":2 miles - Paper 44-23, Geol. Surv. of Canada.
 Map 5310 G, Telkwa, (Aeromag.), Sc. 1":1 mile.
 *Map 93 L/11 E, Telkwa, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
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