

NAME OF PROPERTY

LILLOMER

OBJECT LOCATED—Symbol on Map 546 A.

UNCERTAINTY IN METERS—150.

Lat. 50°47'48" Long. 122°49'31"

Mining Division Lillooet District Lillooet

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

These claims are underlain by rocks of the Permian Fergusson Group, comprising banded cherty and argillaceous sedimentary types intercalated with greenstones. Occasional narrow bands and lenses of limestone and small bodies of carbonatized serpentine are also present. These rocks are broken up at intervals by a series of faults. Cinnabar with minute globules of native mercury occur in erratic calcite veinlets, filling fractures towards the lower contact of a comparatively small zone of flat-dipping altered or sheared greenstone. A 300-pound sample of hand sorted rock assayed 12.3% mercury.

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

This property is situated in the upper basin of Pearson Creek about three miles northeast of the southern end of Tyaughton Lake. The principal showings are at 6,700 feet elevation.

Between 1927 and 1937 the property was owned and worked by C.E. Cartwright and associates. It was originally known as the Marion Group of five claims but was later renamed the Lillomer Group. In 1929 the owner organized Lillooet Mercury Mines, Limited, and in 1936 they formed a syndicate known as Conardon Mercury Mines. During this period work included a 100-foot adit with two raises and a ten-foot cross-cut and at least a dozen open cuts.

In 1969 the property was known as the Charlotte, Ann, Cheryl and Tweed Groups, ninety-six claims in all, owned by Bethlehem Copper Corporation Ltd. Work by this company included preparation of a topographic map, geological surveying, 15.5 line-miles of magnetometer surveying, a 762-sample geochemical survey, ten bulldozer and three hand trenches for a total length of 40,000 feet and four NQ holes drilled for 1,694 feet.

Mineral Resources Branch. Department of Energy, Mines and Resources, Ottawa.

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HISTORY OF PRODUCTION

REFERENCES

Stevenson, J.S.; Mercury Deposits of British Columbia; Bulletin No. 5, pp. 81-83, British Columbia Dept. of Mines, 1940.

Cairnes, C.E.; Geology and Mineral Deposits of the Tyaughton Lake Map-Area, British Columbia; Paper 43-15, pp. 34-35, Geol. Surv. of Canada, 1943.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 186.

Reports of Minister of Mines, British Columbia: 1927, p. 217; 1928, p. 218; 1929, p. 234; 1930, p. 203; 1937, pp. F-31-33.

MAP REFERENCES

*Map 546 A, Tyaughton Lake, (Topo.), Sc. 1:50,000, Dept. of Mines and Resources, 1949.

Map 43-15 A, Tyaughton Lake, (Geol.), Sc. 1"=1/2 mile, accompanying Paper 43-15.

Map 92 J (MI), Pemberton, Sc. 1:250,000, B.C. Dept. of Mines and Petroleum Resources.

Map 92 J/15 W (M), Mineral Claim Map, Sc. 1:50,000, B.C. Dept. of Mines.

Map 92 J, Pemberton, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	CD						
Date	10-73						

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