

NAME OF PROPERTY LINDA (RED MOUNTAIN)

OBJECT LOCATED—symbol on Map 92 K (MI).

UNCERTAINTY IN METERS—500. Lat. 50°00'55" Long. 124°05'30"

Mining Division Vancouver District New Westminster

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

All mineralized showings lie in or adjacent to a belt of stratified rocks engulfed in granitic rocks of the Coast Range. The belt is over one mile wide and composed of thinly bedded argillites and impure sandy beds. The beds strike north 15° west, parallel to the borders of the belt, and dip vertically to steeply eastward, except at their western contact with the granitic rocks where dips as low as 40° to 50° eastward were noted. Fine-grained to medium-grained sills of intermediate composition are common throughout the stratified rocks.

The showings are found in shear zones in the argillites and consist of replacement lenses mineralized with pyrrhotite, chalcopyrite, sphalerite, galena, gold and silver. Assays taken in 1950 range from nil to 0.01 oz./ton gold; trace to 11.6 oz./ton silver; trace to 3.5% copper; trace to 4.9% lead and 0.2 to 27.5% zinc.

Associated minerals or products of value — Zinc, lead, silver, gold.

HISTORY OF EXPLORATION AND DEVELOPMENT

These showings are located about thirty-five air miles west of Powell River on the northern and western slopes of Mount Diadem, about three and a half miles west of the mouth of Britain River. The area is typical rugged Coast Range terrain, the workings being found between 2,700 and 4,000 feet elevation.

Mineralization is extensive but of low grade. Prospecting was carried on intermittently for many years but no lode of economic proportions was found.

In 1927 Messrs. P. White and T. Groven owned the Red Mountain Group of twelve claims and did some open-cut work. Britain River Mining Company, Limited, incorporated in 1928, optioned the property and drove two small adits. In the same year Mt. Diadem Mines, Limited, was also incorporated. They acquired the three-claim Diadem Group, which adjoins the Red Mountain to the northwest, and did some open-cut work and drove a short adit.

In the summer of 1947 forty four mineral claims were staked immediately northwest of Mount Diadem by The International Nickel Company of Canada, Limited; four additional claims were staked in 1949. Bralorne Mines Limited optioned the 48 claims in about 1950 but only surface prospecting was reported. During subsequent years a number of companies held claims in this vicinity but little work other than prospecting was reported. These companies are: Copper Ridge Silver Zinc Mines Limited held 19 claims in 1954; Vanco Explorations Limited held the 17 claim Linda group in 1965; Citation Explorations Limited held 73 claims, 23 of which were by option, in 1967.

In 1970 Tiger Silver Mines Limited optioned 25 claims in the Linda, Moon, Sun and L groups. A magnetometer survey was conducted over 5.7 line-miles on the Linda and Moon claims and 306 soil samples were collected. Britain River Syndicate optioned the Linda 1 to 23 claims the following year. Work included surface geological mapping on the Linda 1 to 8, 13 and 14; a geochemical survey covering the Linda 1, 2, 13 and 14; a magnetometer survey covering the Linda 2 to 6 and 13; an electromagnetic survey covering the Linda 1 to 6, 13 and 14 and about 150 feet on the Linda 2, 3, 13 and 14 claims.

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

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HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1927, pp. 365-366; 1928, p. 388; 1929, p. 394; 1965, p. 224.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1970, p. 230; 1971, p. 253.

Bacon, W.R.; Jarvis Inlet; Bulletin No. 39, pp. 36-37, British Columbia Dept. of Mines, 1957.

Mineral Resources Branch; Corporation Files: "Copper Ridge Mines Ltd."; "Citex Mines Ltd.".

MAP REFERENCES

Fig. 2, Lower Jarvis Inlet, (Geol. and Topo.), Sc. 1": 2 miles - accompanying Bulletin No. 39.

Fig. 7, Britain River Area, (Geol.), Sc. 1":6,500 feet - accompanying B.C. Report, 1950.

*Map 92 K (MI), Bute Inlet, Sc. 1:250,000 - B.C. Dept. of Mines, 1959.

Map 92 F/16 E, Haslam Lake, (Topo.), Sc. 1:50,000.

Map 92 K, Bute Inlet, (Topo.), Sc. 1:250,000.

REMARKS

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