

NAME OF PROPERTY **ELK, JEEP, COAST**

OBJECT LOCATED - Showing, Jeep 6 claim.

UNCERTAINTY IN METERS 300. Lat. 50°05'45" Long. 123°01'50"

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

The property is underlain by metamorphosed sedimentary and volcanic rocks of Palaeozoic (or earlier) age intruded by early Tertiary acid intrusives. The metamorphosed rocks are quartz-chlorite-sericite schists with pronounced lineation striking N30 to N50°W. Fine to medium-grained granodiorite and a medium to coarse-grained quartz monzonite-granodiorite occur locally. Heavily pyritized quartz-rich zones are present. On the Elk No. 19 claim drilling intersected widths of 70 to 120 feet of 2 per cent total sulphides with visible chalcopyrite and molybdenite within chlorite-sericite schist. Disseminated chalcopyrite on Jeep 6 claim occurs in a zone that has been traced for 120 feet along strike and showing a minimum width of 10 feet. Two samples across 10 feet returned values of 0.53 and 0.24 per cent copper. On Coast No. 24 claim two narrow westerly striking and vertically dipping quartz-carbonate veins contain chalcopyrite and galena. A sample across a 0.6 foot width of the south vein assayed 0.57% copper, 0.31 ounce silver, and .001 ounce gold per ton.

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the west end of Alpha Lake, 55 miles north of Vancouver.

The Elk, Leo and Argus claim groups, located on the north side of the main valley, were held by Noranda Exploration Company, Limited, from about 1965. Exploration work to 1970 included geological mapping, geochemical, self potential, and induced potential surveys, and 1,013 feet of diamond drilling in 2 holes on Elk 19 claim. During this period the Leo and Angus claims were restaked as the Jeep and Hill groups.

In February 1974 Neville and Laurie Lohn, of Vancouver, owners of the Jeep 5-8 claims, optioned the adjacent claims from Noranda. In April 1974, L.P. Industries Ltd. optioned the Coast 1-10 claims, located on the south side of the main valley, from N. and L. Lohn, along with their rights in the Noranda agreement. Work during 1974 included geological mapping and a geochemical survey.

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

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HISTORY OF PRODUCTION

REFERENCES

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 191; 1970, p. 231.
 Report of Minister of Mines, British Columbia: 1968, p. 74.
 Mineral Development Sector; Corporation Files: "L.P. Industries Ltd.".

MAP REFERENCES

#Map of Elk, Jeep, Hill, & Coast claims, Sc. 1":3,000 ft., Fig. 2, Report by R.W. Phendler, Sept. 1974, for L.P. Industries Ltd.
 *Map 92 J/3, Brandywine, (Topo.), Sc. 1:50,000.

REMARKS

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