

NAME OF PROPERTY

ORE MOUNTAIN (ORE HILL)

OBJECT LOCATED

UNCERTAINTY IN METERS

Lat. 56°02'40" Long. 129°52'30"

Mining Division Skeena

District Cassiar

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The underlying rocks are argillites and tuffs of the lower part of the Hazelton group; the contact with the overlying volcanic rocks is about 200 feet west of the lower showings. A zone of closely spaced quartz porphyry and quartz diorite dykes lies about 500 feet to the southwest. Pre-mineral and post-mineral faults striking north are present and also post-mineral faults, with small offsets, striking northeast. The lower showings, at elevation 3,300 feet, consist of several parallel veins striking north and dipping steeply westward. One of the veins is locally 4 feet wide and is a replacement vein in a shear zone. A crosscut to one of these veins was in slightly mineralized argillite for about 20 feet; a chip sample of this material assayed: Gold, trace; silver, 0.2 ounce a ton. At an elevation of 4,500 feet, two parallel veins 50 feet apart strike N70°W (mag.) and stand about vertical. The veins are in sheared tuffaceous sediments and consist of 1 to 2 feet of quartz containing, in places, bunches of galena. An adit driven on one of the veins shows only several narrow stringers of vein matter. About two claim lengths to the north a vein strikes N70°W and dips steeply south. It consists of a fractured zone from 4 to 5 feet wide containing 1 to 2 feet of quartz mineralized with pyrite

p.t.o.

Associated minerals or products of value - Gold, lead.

HISTORY OF EXPLORATION AND DEVELOPMENT

This occurrence is located between elevations of 3,300 and 4,500 feet on the east side of the Bear River, north of Bitter Creek and east of Clements Lake, some 8½ miles north-east of Stewart. The Little Wonder property lies to the north and adjoining.

The Ore Hill group of 6 claims was located by George Young and Henry Unwin, of Stewart, in 1924 or earlier. The owners succeeded in forming a company, Ore Mountain Mining Company, Limited, in December 1924, and exploration work was continued with Mr. Unwin as managing director. An additional 8 claims were staked by the company. Intermittent exploration work was carried on by the company until 1933 and includes open cutting and 3 adits. Two crosscut adits were driven; one about 50 feet long; the other was driven 380 feet without encountering the vein. A drift adit was driven 70 feet. Fourteen claims (Lots 4808-4821) were Crown-granted to the company in 1928.

New Rufus-Argenta Mines, Limited, which was formed in December 1955 to purchase the Rufus property, acquired some 120 additional claims, including Crown-granted claims in the Ore Mountain, Mayou, Radio, and Roosevelt properties. The company name was changed in 1966 to Crest Ventures Limited. A subsidiary company, Crest Silver Company Limited, was formed at that time to acquire title to the Ore Mountain, Mayou, Radio, and Roosevelt groups. Geological mapping was carried out in 1966 and 1967.

Ardo Mines Ltd. by a June 1970 agreement with Crest Ventures and Crest Silver, acquired a working option on the property, subsequently acquiring a 2/3 interest in Crest Silver Company Limited. Magnetometer and electromagnetic surveys were carried out over 5 line-miles in 1970. Crest Ventures Limited was reorganized under the name Van-Sea Resources Limited in April 1974.

Van-Sea Resources Limited prospect 28/08/84

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: 1925, p. 93; 1926, p. 93; 1928, p. 104; 1929, p. 433; 1931, p. 42; 1932, p. 59; 1966, p. 41; 1967, p. 34.

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, p. 134, Geol. Surv. of Canada, 1935.

Mineral Development Sector; Corporation Files: "Ore Mountain Mining Company, Limited"; "Crest Ventures Limited"; "Ardo Mines Ltd."; "Van-Sea Resources Limited".

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 74; 1971, p. 32.

MAP REFERENCES

Map 216 A, Bear River Sheet, (Geol.), Sc. 1"=4 miles - accomp. Memoir 159.

Map 217 A, Bear River Sheet, (Topo.), Sc. 1:50,000.

BCI 104 A-51

DESCRIPTION OF DEPOSIT (continued)

and arsenopyrite. The veins are reported to contain good values in gold and silver.

REMARKS

Comp./Rev. By		DMacR	DMacR				
Date	7-67	5-71	10-74				