

NAME OF PROPERTY RADIO (CUPRUM) (SWEDE AMERICAN)

OBJECT LOCATED

UNCERTAINTY IN METERS

Lat. 56°01'50" Long. 129°49'

Mining Division Skeena

District Cassiar

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Three quartz veins in argillite at an elevation of 1,600 feet are up to 5 feet wide and contain pyrite and chalcopyrite. Two quartz veins at an elevation of 4,000 feet are mineralized with pyrite and chalcopyrite, but the upper veins also contain galena, sphalerite, and tetrahedrite. At the 4,200 foot elevation a vein 1 foot wide strikes a little west of north. On one wall of the vein is a 1 inch width of fine-grained galena; the remaining section of the vein is silicified argillites mineralized with occasional specks of galena and sphalerite.

Associated minerals or products of value - Lead, zinc, antimony.

HISTORY OF EXPLORATION AND DEVELOPMENT

These showings are located between elevations of 1,600 and 4,200 feet, north of the junction of Roosevelt and Bitter Creeks, about 9 miles northeast of Stewart. The claims were adjoined on the west, north, and east by the Mayou property.

The Cuprum group of 13 claims covered a strip of the mountain 1 to 2 claims wide between elevations of about 750 to 5,000 feet. The group included the Cuprum, Cuprum No. 1, Waterloo, Northern Crown, I.X.L., Swede American Nos. 3, 4, 11, and 14 claims. The Bitter Creek Mining Company, Limited, which was formed in December, 1909, prospected the showings for several years. Exploration work by the company included a shallow shaft and some 395 feet of tunnel.

In 1923 the showings were restaked by Messrs. Erickson and Peterson as the Radio group of 6 claims. Radio-Stewart Mines, Limited, formed in April 1924, acquired the property and intermittent prospecting was done, mainly in open cutting, until 1930. The Creek claim (Lot 4570) was Crown-granted in 1927; the Radio, Radio Nos. 1-3, and Radio Fraction claims (Lots 4571-4575) were Crown-granted to the company in 1930.

The Swede American claim Nos. 7-10, 12, 13, and the White Goat claim were held by the Crown Mining and Development Company Limited in 1910. Exploration work was done in open cuts and a 89-foot long adit. The Bitter Creek Mining Company, Limited, held these claims in 1911 and drove 62 feet of tunnel.

New Rufus-Arganta Mines, Limited, was formed in December 1955 to purchase the Rufus property and to acquire some 120 additional claims, apparently including Crown-granted claims in the Radio, Mayou, and Roosevelt properties. The company's name was changed in 1966 to Crest Ventures Limited. A subsidiary company, Crest Silver Company Limited, was formed at this time to acquire 34 Crown-granted claims in the Radio, Mayou, and Roosevelt properties. Work during 1966 and 1967 included geological mapping, rock trenching, and the reopening of 3 old adits.

Ardo Mines Ltd. by a June 1970 agreement with Crest Ventures and Crest Silver, acquired a working option on the

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa, p.t.o.

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HISTORY OF PRODUCTION

REFERENCES

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, p. 140, Geol. Surv. of Canada, 1935.

Reports of Minister of Mines, British Columbia: 1910, p. 64; 1911, p. 75; 1925, p. 93; 1928, p. 102; 1966, p. 41; 1967, p. 34.

McConnell, R.G.; Portions of Portland Canal and Skeens Mining Divisions, Skeena District, B.C.; Memoir 32, p. 57, Geol. Surv. of Canada, 1913.

Mineral Development Sector; Corporation Files: "Radio-Stewart Mines, Limited"; "Crest Ventures Limited"; "Ardo Mines Ltd."; "Crest Silver Company 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":1 mile - accomp. Memoir 159.

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

Report of Minister of Mines, British Columbia, 1910, p. 80.

303 104A-71

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

property, subsequently acquiring a 2/3 interest in Crest Silver Company Limited. Magnetometer and electromagnetic surveys were carried out over 5 line-miles. Diamond drilling in November 1970 was done in one 705 foot hole from surface to test the continuation of the vein exposed in the Copper adit. In 1971 the Copper adit was slashed to 7 by 7 feet and two crosscuts 56 feet and 45 feet were completed. Wireline diamond drilling in 5 holes was done from the adit.

Crest Ventures Limited was reorganized under the name Van-Sea Resources Limited in April 1974.

*Plan of the 2.0 km x 1.0 km area is attached
in the file, 303 104A-71.*

Southern Lights Res L. prospectus 20/10/83

Maralga Mines Limited Prospectus 28/08/84

REMARKS

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