

NAME OF PROPERTY RUFUS, COMET, VETERAN

OBJECT LOCATED - Rufus lower adit.

UNCERTAINTY IN METRES 300. Lat. 56°07'50" Long. 129°47'40"

Mining Division Skeena District Cassiar

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR

DESCRIPTION OF DEPOSIT

The country rock is greenstone of the Jurassic Hazelton group. On the Veteran group a 2 foot wide vein of quartz which strikes N60°E and dips steeply north is well mineralized with pyrite, chalcopyrite, with a little magnetite and specular hematite. On the Comet group a quartz-calcite vein up to 40 feet wide, striking about N20°E and dipping almost vertical, has been traced for several hundred feet. The vein contains arsenopyrite and galena and picked assays have given 1.6 ounces of gold a ton. Several hundred feet to the west another vein, known as the Blue vein, is up to 18 inches wide and specimens from it assay up to 100 ounces in silver. On the Rufus group several wide rusty zones of altered and silicified country rock trend northwesterly and are more or less mineralized with disseminated grains of pyrite and traces of chalcopyrite. Near the rusty zones a well defined fissure from 4 to 6 feet wide strikes N40°W and dips about 60° southwest. The vein filling is a breccia of greenstone and jaspery-looking rock, cemented with calcite and quartz and mineralized with varying amounts of pyrite and chalcopyrite, with streaks of galena along the walls. Farther west, a vein from a few inches to 2 feet wide dips 30° and has been exposed on the surface over an area of approximately 200 by 50 feet by the sloughing-off of the overlying greenstone. The vein is quartz and feldspar well mineralized with sphalerite and galena, with some chalcopyrite and tetrahedrite, and carries good values in silver.

Associated minerals or products - Gold, copper, lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

This property is located on the north side of the Bear River, 15 miles northeast of Stewart. Three claim groups, the Rufus, Comet, and Veteran, cover the showings. The Rufus group lies on, and to the west of Rufus Creek between elevations of 3,000 to 4,000 feet. The Comet group lies about one quarter of a mile to the east, across a glacial tongue, between elevations of 3,400 and 4,750 feet. The Veteran group extends east from Rufus Creek for about a mile at the 3,000 foot elevation. The three groups of claims were located prior to 1916 by Ben Erickson and associates, of Stewart, and limited surface prospecting and open cutting were carried out.

Rufus Silver-Lead Mines, Limited was formed in February 1924 to take over the Rufus group. Surface prospecting was done and a crosscut adit begun. The Rufus and Rufus Nos. 1-6 claims (Lots 3786-3792) were Crown-granted to the company in 1926. Very little work was done by the company.

Argenta Mines, Limited was formed in March 1925 to take over the Comet and Veteran groups and with additional staking acquired a total of 19 claims. Surface work was begun to trace the Comet, Blue, and Veteran veins. The Comet and Comet Nos. 1-4 claims (Lots 3418-3422), and the Veteran and Veteran Nos. 1-3 claims (Lots 3423-3426) were Crown-granted to the company in 1927. The company became inactive before any amount of work had been done.

Rufus-Argenta Mines, Limited was formed in February 1928 to take over the three groups of claims. The combined property was optioned late in 1928 to J.F. Duthie. Some diamond drilling was reported and a crosscut adit was begun and driven about 800 feet without finding any mineralization of importance. The option was relinquished late in 1929. No further activity was reported until 1937 when the company let a contract for extending the long crosscut an additional 150 feet. The results of the work, which was completed during the summer, is not known.

New Rufus-Argenta Mines, Limited was formed in December 1955 to purchase the 30 claims held by Rufus-Argenta Mines, and to acquire some 120 additional claims south of Bear River. Some surface work was reported in 1956-57, and surface exploration and geophysical work in 1964-65. The company name was changed in 1966 to Crest Ventures Limited. Geological mapping and trenching was done on the Rufus group

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HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

in 1966 by a subsidiary company, Crest Copper Company Limited. Crest Metals Limited, N.P.L., a wholly-owned subsidiary of Crest Ventures Limited, was incorporated in April 1967 to acquire the Rufus group and adjacent ground.

Tournigan Mining Explorations Ltd. acquired the Rufus, Comet & Veteran groups totalling 12 reverted Crown-grants from the Crown in 1978.

REFERENCES

Reports of Minister of Mines, British Columbia:  
1920, p. 56; 1922, pp. 75-76; 1924, p. 69; 1925, p. 96; 1928, p. 108; 1929, p. 99, 1937, p. B41; 1966, p. 40.

Mineral Policy Sector; Corporation Files: "Argenta Mines, Limited"; "Rufus-Argenta Mines, Limited"; "Crest Ventures Limited"; "Tournigan Mining Explorations Ltd."

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, p. 144, Geol. Surv. of Canada, 1935.

Canadian Mines Handbook 1966-67, p. 103.

Keyte, G.; Geological Report on the Bear Pass Property, Dec. 1978 - in Tournigan Mining Explorations Ltd. Statement of Material Facts, 12/07/79, Vancouver Stock Exchange.

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.

Bear Pass Property, (Claim Map), accomp. Rept. by D.R. Cochrane in Tournigan Mining Explorations Statement of Material Facts, 12/07/79, Vancouver Stock Exchange.

REMARKS

Comp./Rev. By			DMacR				
Date	6-67	2-69	8-79				