

NAME OF PROPERTY

COPPER GROUP

OBJECT LOCATED - Workings on Colorado claim.

UNCERTAINTY IN METRES 300. Lat. 49°50'15" Long. 123°51'10"

Mining Division Vancouver District

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The fine-grained andesite with lenses of argillites and cherts which underlie the claims are mapped as Upper Cretaceous and/or earlier Jervis Group volcanic rocks. These rocks comprise a roof pendant within the Coast Plutonic Complex, and are overlain in part by Cenozoic volcanics of the Garibaldi Group. The Jervis Group volcanics are cut by a 500 foot wide northwest-trending quartz diorite dyke. The volcanic rocks are said to be mineralized by disseminated pyrrhotite, pyrite, and magnetite with minor chalcopyrite and sphalerite. A sample taken across 4 feet in the face of one of the adits in 1917 assayed: Gold, trace; silver, 0.8 oz. per ton; copper, 1%; iron, 19.3%.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at elevations of 1,500 to 2,000 feet on the northeast side of Treat Creek, on the east side of Jervis Inlet, some 45 miles northwest of Vancouver.

The showings were apparently staked in the late 1890's but details of history have not been recorded. The Copper Group of 8 claims, the Last Chance, Lone Jack, Bonanza, Comet, Look Out, Copper Crown, Copper King, and Copper Queen (Lots 1860-1867 respectively), was Crown-granted to H.W. Treat, of Seattle, in 1900. Most of the exploration and development work reported was carried out during the period 1917-1920 and included a series of open cuts and about 185 feet of drifts and crosscuts in 4 short adits between elevations of 1,500 and 2,000 feet. The property at that time included the Colorado, Eldorado, Columbia, Portland, A.K.S. Fr., and Eldorado Fr. claims (Lots 1868-1873). In 1922 the property was owned by the H.W. Treat Estate. Additional claims were Crown-granted to Olive Treat in 1926.

El Paso Mining and Milling Company in 1972 held the T 1-67 claims, which were in part a restaking of the old Copper Group. During the year magnetometer, electromagnetic, and geochemical soil surveys were carried out over 18 claims and surface diamond drilling was done in 5 holes totalling 206 feet on T 3 and 7, and in 1 hole totalling 1,019 feet on T 1 and T 5. Work by the company in 1973 included geological mapping, magnetometer and geochemical soil (370 samples) surveys over 6 line-miles, and 1,862 feet of surface diamond drilling in 4 holes.

Associated minerals or products of value - Silver, zinc, iron.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1900, p. 994; 1917, p. 283; 1920, p. 220; 1933, p. 249 + ; 1925, p. 302; 1926, p. 450.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1972, p. 278; 1973, p. 242.

Bacon, W.R.; Geology of Lower Jervis Inlet, British Columbia; Bulletin 39, p. 37, British Columbia Dept. of Mines, 1957.

MAP REFERENCES

Map 42-1963, Squamish, (Geol.), Sc. 1":4 miles, Geol. Surv. of Canada.

Geological Map of Lower Jervis Inlet, Sc. 1":2 miles - accomp. Bulletin 39, British Columbia Dept. of Mines.

#Jervis Inlet Property, (claim map), Report of Minister of Mines, British Columbia, 1925, p. 302.

\*Map 92 G/13 W, Jervis Inlet, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	3-78						