

NAME OF PROPERTY

INDEPENDENT

OBJECT LOCATED - Lot 1557.

UNCERTAINTY IN METRES 250.

Lat. 50°21'20" Long. 127°13'50"

Mining Division Nanaimo

District Rupert

County

Township or Parish

Lots 4555, 1557

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Copper skarn mineralization occurs along a faulted buried segment of a contact between Triassic Karmutsen volcanics and Quatsino limestone.

Mineralization consists of chalcopyrite, magnetite, pyrrhotite, and pyrite. (See Description 92 L/6, CU 1).

HISTORY OF EXPLORATION AND DEVELOPMENT

The showing is located at an elevation of 800 feet on the east slope of Merry Widow Mountain near Benson River.

The Dasher Fraction, Independent, and Independent No. 1 claims (Lots 1549-1551) were Crown-granted in 1921 to Messrs. Arnold, Adams, and Gibbens. In 1922 the Independent No. 3 and 4 (Lots 1557, 1559) were Crown-granted to Messrs. Keeling, Vaughan, and Gray. Independent No. 2 and 5 (Lots 1555, 1558) were Crown-granted to Messrs. Corker, Gray, and others in 1924.

Quatsino Copper-Gold Mines, Limited, was incorporated in 1928 to acquire the Merry Widow and Independent groups. (See 92 L/6, FE 1).

The Empire Development Company, Limited, was incorporated in 1956 by Quatsino Copper (40%) and Mannix Company Limited (60%). The property was operated by Mannix for Empire. In 1959, 9,000 feet of diamond drilling was carried out and exploration work was done on the property.

Cominco Ltd., by terms of an agreement made with Quatsino Copper-Gold Mines, Limited, in 1965, developed and mined copper deposits on Quatsino ground.

By 1972, when operations ceased, Cominco Ltd. produced from its holdings in the area a total of 91,766,407 pounds of copper, 385,180 ounces of silver, and 125,383 ounces of gold. (See 92 L/6, CU 1).

Associated minerals or products of value - Gold, silver, iron.

120281

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

In 1968 recorded production was 27,453 tons of ore of which 1,856 tons of copper concentrates was shipped. The ore contained 394 ounces of gold, 4,818 ounces of silver, and 837,520 pounds of copper.

By late 1972 total production from the Old Sport-Benson Lake deposits was 91,766,407 pounds of copper, 385,180 ounces of silver, and 125,383 ounces of gold.

REFERENCES

Reports of Minister of Mines, British Columbia: 1921, p. 348; 1922, p. 355; 1924, p. 368; 1928, p. 375; 1959, p. 132; 1968, p. A53.

Muller, Northcote, and Carlisle; Geology and Mineral Deposits of Alert-Cape Scott Map-area; Paper 74-8, pp. 61, 70. Geol. Surv. of Canada, 1974.

Gunning, H.C.; Geology and Mineral Deposits of Quatsino-Nimkish Area, Vancouver Island, British Columbia; Summary Report 1929, Pt. A, p. 216, Geol. Surv. of Canada.

MAP REFERENCES

Map 4-1974, Alert Bay-Cape Scott, (Geol.), Sc. 1:250,000 - accomp. Paper 74-8, Geol. Surv. of Canada, 1974.

#Mines and Mineral Occurrences of Alert Bay-Cape Scott area, Sc. 1:250,000, Fig. 15 - accomp. Paper 74-8, Geol. Surv. of Canada, 1974.

*Map 92 L/6 E, Alice Lake, (Topo.), Sc. 1:50,000.

Map 1737 G, Alice Lake, (Aeromag.), Sc. 1":1 mile.

REMARKS

Comp./Rev. By	LJ						
Date	10-75						

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