

NAME OF PROPERTY DORLON (RAIN, U CAN)

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 250. Lat. 50°41'25" Long. 127°45'40"

Mining Division Nanaimo District Rupert

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

Giant Explorations Limited.

DESCRIPTION OF DEPOSIT

The claims are underlain by Triassic Quatsino Limestone, older Karmutsen andesitic and basaltic lavas, and younger Bonanza sediments, tuffs, and lavas. The volcanic and sedimentary rocks are intruded by diabase and felsite dykes, and by younger monzonites which are believed to be a part of the Coast Range Intrusions.

The bedded rocks strike generally north of west and dip gently southward. The Quatsino Limestone is displaced along a mylonite zone striking north 25 degrees west; north-striking faults also have been recognized.

The mineralization consists chiefly of black sphalerite occurring in massive stringers or as scattered streaks replacing the locally dark to black, generally silicified limestone. Rare specks of galena are associated with the zinc sulphides at one point. Two samples of sphalerite mineralization contained from 0.54 to 0.94 oz. gold per ton and from 0.8 to 2.0 oz. silver per ton. The gold values are apparently associated with pyrite occurring in "hair-line" seams in the sphalerite.

The Dorlon area also contains magnetite-chalcopyrite mineralization within shear zones in the Quatsino limestone.

A 1968 assay over a width of 2.3 feet gave values of 0.2-0.9 ounces of gold per ton, 2.0-4.0 ounces of silver per ton, and 0% zinc.

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

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located between 700 and 1,200 feet elevation, 3 miles east of Nahwitti Lake near the junction of Kains Creek and Nahwitti River.

The Dorlon group of 4 claims, formerly known as the U Can group, was staked in 1930 by S.S. Pugh. From 1930 to 1936 work included shallow cuts and stripping.

In 1965 Giant Explorations Limited, a subsidiary of Giant Mascot Mines Limited, acquired the Rain 1 and 2 claims as part of a group of 42 claims.

From 1965 to 1973 Giant Explorations carried out trenching, stripping, diamond drilling, geological mapping, and magnetometer and induced polarization surveys.

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HISTORY OF PRODUCTION

REFERENCES

- Reports of Minister of Mines, British Columbia: 1930, p. 297; 1936, p. F52; 1966, p. 64.
- Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 263; 1971, p. 323; 1972, p. 306; 1973, p. 261.
- Muller, Northcote, and Carlisle; Geology and Mineral Deposits of Alert-Cape Scott Map-area; Paper 74-8, pp. 60, 65, Geol. Surv. of Canada, 1974.
- Mineral Development Sector; Corporation Files: "Giant Explorations Limited".
- Gunning, H.C.; H.P.H. Group, Nahwitti Lake, Vancouver Island, B.C.; Summary Report 1931, Pt. A, pp.36-45, 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/12 W, Quatsino, (Topo.), Sc. 1:50,000.
- Map 1734 G, Quatsino, (Aeromag.), Sc. 1":1 mile.

REMARKS - (see 92 L/12, PB 1).

Comp./Rev. By	LJ						
Date	10-75						

BCI 92 L-76,253