

NAME OF PROPERTY

LAKE (NORTH SHORE)

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 250. Lat. 50°42'30" Long. 127°51'00"

Mining Division Nanaimo District Rupert

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

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.

Mineralization consists of chalcopyrite with lesser amounts of sphalerite and galena in skarn formed at limestone-volcanic rock contacts, in shear zones and apparently associated with dykes. Narrow veins containing sphalerite and galena are also reported in limestone.

Selected samples in 1936 assayed: gold, trace; silver, 6 oz. per ton; lead, 1.3 per cent; zinc, 13.6 per cent; and gold, 0.02 oz. per ton; silver, 1.2 oz. per ton; copper 3.3 per cent.

Associated minerals or products of value - Lead, zinc, silver, gold.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located between 700 and 1,200 feet elevation on the north side of Nahwitti Lake.

The North Shore group consisted of five claims staked by W.G. Dickinson and associates of Victoria in 1936.

Falconbridge Nickel Mines Limited acquired the Lake group of nine claims in 1966. Work included topographical, geological, geophysical, and geochemical surveys. Three test pits were dug and six holes were diamond drilled for a total of 200 feet.

In 1968 Kodiak Mines Ltd. held the Lake, F.T.R., Jean, Ken, Hill, and Frank groups of 40 claims. The Company carried out geological and topographical mapping, magnetometer and geochemical surveys, and 400 feet of trenching.

In 1971 Nippon Mining of Canada Ltd. held the Jean 1 to 10, Lake, Lake 2 and 3, and F.T.F. 1 to 15 claims. Work included three diamond drill holes totalling 1,200 feet on Jean 1-4.

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

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1936, pp. F47-F52; 1966, p. 65; 1968, pp. 94-95.
 Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1971, pp. 323-324.
 Muller, Northcote, and Carlisle; Geology and Mineral Deposits of Alert-Cape Scott Map-area; Paper 74-8, pp. 60, 61, Geol. Surv. of Canada, 1974.

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

BCI 92L - 77, 98

Comp./Rev. By	LJ						
Date	10-75						