

## NAME OF PROPERTY

BON

OBJECT LOCATED - showing near Discovery Trench.

UNCERTAINTY IN METRES 50. Lat. 50°15'50" Long. 126°41'45"

Mining Division Nanaimo District Rupert

County Township or Parish

Lot Concession or Range

Sec Tp. R.

## OWNER OR OPERATOR AND ADDRESS

Valdez Resource Industries Ltd.

## DESCRIPTION OF DEPOSIT

The Bon mineral occurrences are in Upper Triassic volcanic rocks of the Karmutsen Group. These rocks are mostly light to dark green in colour, and consist of alternating layers of amygdaloidal and massive basalt or andesite.

A short distance to the southwest of the showings the volcanic rocks are intruded by the Nimpkish Batholith, which is predominantly granodiorite.

The principal showings on the property are replacements of parts of certain volcanic layers by skarn with either magnetite or pyrrhotite. They are strung out along a slightly curved line trending north 75 degrees west close to the divide between the drainages of the Bonanza and Nimpkish River systems. The dip is about 30 degrees southwest, and the deposits are roughly concordant with the enclosing volcanics.

Associated minerals or products of value - Copper.

## HISTORY OF EXPLORATION AND DEVELOPMENT 92 L/7 FE 4

The showings are located at an elevation between 2,500 and 3,000 feet, 5 miles southeast of Bonanza Lake.

Brett Explorations Ltd. staked the property in 1968 after preliminary trenching and sampling suggested a zone 2,000 feet long and 10 to 25 feet wide. Grab samples showed 0.78% to 2.5% copper.

Brett Explorations changed its name to Brettland Mines Ltd. in 1968. The Bon Group consisted of the Bon 1 to 58, and 101 to 110 claims.

By 1971 exploration on 42 claims consisted of prospecting, a preliminary ground magnetic survey, a tectonic survey, an airborne magnetometer survey of 72 line-miles, a regional geochemical survey, and 1,400 feet of diamond drilling in 13 holes.

The Company became Valdez Resource Industries Ltd. in 1974.

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

HISTORY OF PRODUCTION

REFERENCES

- Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 209; 1970, pp. 274-278.
- Muller, Northcote, and Carlisle; Geology and Mineral Deposits of Alert-Cape Scott Map-area; Paper 74-8, pp. 62, 63, Geol. Surv. of Canada, 1974.
- Hoadley, J.W.; Geology and Mineral Deposits of the Zeballos-Nimpkish Area, Vancouver Island, British Columbia; Memoir 272, Geol. Surv. of Canada, 1953.
- Gunning, H.C.; Preliminary Report on the Nimpkish Lake Quadrangle, Vancouver Island, British Columbia; Summary Report 1931, Pt. A, pp. 22-35, Geol. Surv. of Canada.

MAP REFERENCES

- #Figure 36, Bon showings, (Geol.), (Topo.), Sc. 1":  
2,000 feet, Geology, Exploration, and Mining; British Columbia Dept. of Mines, 1970, p. 276.
- 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/7 E, Nimpkish, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	LJ						
Date	10-75						