

NAME OF PROPERTY BLUE OX

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 250. Lat. 50°18'50" Long. 127°14'40"

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 area is underlain by Jurassic Bonanza volcanics and Triassic Parson Bay sediments.

On the claims a series of argillites, calcareous argillites, and quartzites is cut by many basic and acidic dykes. The sediments are extensively sheared and contorted so that their attitude is very variable.

A shear zone, trending due north through the centre of the group, is extensively but very erratically mineralized with veins, stringers, and lenses of quartz and carbonate which carry similarly erratic veinlets and pockets of chalcopyrite and sphalerite and a little pyrite. This mineralized zone has been exposed at intervals by open-cuts for about 2,400 feet. At the south end, in Blue Ox creek, the vein, after being offset about 25 feet by a fault, enters light greenish grey andesite.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at an elevation of 1,500 feet on Blue Ox creek about 1½ miles from the Benson River.

Owners, Messrs. George and M.H. Adams, optioned the group of 8 claims to The Consolidated Mining and Smelting Company of Canada Limited in 1929. The Company did some open-cutting and diamond drilling in 1929, then dropped their option.

In 1969 the property, consisting of 48 claims, including the Magnetic, Maynard, Iron, Trout, Blue Ox, and Rainy, was held by A.H. Ainsworth and Quatsino Copper-Gold Mines, Limited. Airborne magnetic, electromagnetic, and radio-activity surveys were flown over a total of 66 line-miles, covering an area of 26,500 by 6,000 feet.

In 1970 Alice Lake Mines Limited held 48 claims, including the Rainy, Blue Ox, Costa, and Rainie Ex. An aeromagnetic survey (30 line-miles) was carried out over the claim group.

Associated minerals or products of value - Zinc.

120284

HISTORY OF PRODUCTION

REFERENCES

- Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 208; 1970, p. 273.
- Muller, Northcote, and Carlisle; Geology and Mineral Deposits of Alert-Cape Scott Map-area; Paper 74-8, p. 61, Geol. Surv. of Canada, 1974.
- Gunning, H.C.; Geology and Mineral Deposits of Quatsino-Nimpkish Area, Vancouver Island, British Columbia; Summary Report 1929, Pt. A, p. 124, Geol. Surv. of Canada.
- Mineral Development Sector; Corporation Files: "Quatsino Copper-Gold Mines, Limited"; "Cominco Ltd.".

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

RCI 926-59

Comp./Rev. By	LJ						
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