

NAME OF PROPERTY

VAN ISLE

LOCATION center of Van Isle No. 1 claim
(Lot 1744).

Lat. 50°01'10" Long. 126°49'50"

Mining Division **Alberni**District **Rupert.**

County

Township or Parish

Lot

Concession or Range

Sec.

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The main workings and most of the ground covered by the claims are in an area of massive andesite tuffs with minor amounts of fine volcanic breccia, all of which strike northwesterly and dip steeply northeastward. These rocks are cut in a few places by feldspar porphyry dykes up to 5 feet wide. Two main veins have been found on the property. One vein, strike N48°E and dip 70-80° NW, was explored underground for 500 feet on strike and 400 feet vertically. The other vein, strike N32°E and dip 80°NW was explored underground for 160 feet on strike. The veins range in width from a knife-edge to 3 feet, but widths less than 1 foot are the more common. Most of the vein quartz is massive, but some of it is ribboned by streaks of fine-grained sulphides. The sulphides include principally pyrite, galena, and sphalerite, but occasionally large patches of massive arsenopyrite and pyrrhotite are found.

Associated minerals or products of value - **Silver.**

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on the southeast side of the Zeballos River about $\frac{3}{4}$ mile southwest of the Privateer Mine and $2\frac{1}{4}$ miles north-northeast of Zeballos.

The property was staked in 1933 by R.A. Pitre and associates, subsequent principals of Nootka-Zeballos Gold Mines, Limited. The property consisted of 7 claims, the Van Isle 1-2, Blue Ox 1-2, Wolverine, Pedro, and Silver Bear, held under the name Nootka Gold Mining Syndicate. Underground exploration work began in 1935. Nootka-Zeballos Gold Mines, Limited, was incorporated in January 1937 to acquire this and the nearby Privateer property. The company incorporated Man O'War Mines Limited in November 1937 to develop the Van Isle group. Some of the original claims were apparently restaked in 1937 and 1938 as the V.I. 1-4, Cascade No. 2, Blue Ox Fraction, and Hay Fraction. The company name, Nootka-Zeballos, was changed in December 1937 to Privateer Mine, Limited. The claims were Crown-granted to Privateer Mine, Limited, in 1940. Considerable underground work was done in 1937 and 1939. The workings consist of 3 adits, 1,800 west, 1,800 east, and 2,000 levels, a sublevel between 1,800 and 2,000 adits driven on the main vein, and a drift on the 2,000 adit driven on the second vein. A raise was driven from the 2,000 adit to the sublevel and to the 1,800 east, and a stope has been excavated on 1,800 east.

The company name was changed in 1959 to New Privateer Mine Limited.

HISTORY OF PRODUCTION

In 1940, 3,100 tons of ore were shipped from this property. From this ore 1,178 ounces of gold and 540 ounces of silver were recovered.

MAP REFERENCES

Zeballos Mining Camp, Areal Geology, Sc. 1":1,500 feet, Fig. 2 - accomp. Report by Stevenson (1950).

Map 1028 A, Woss Lake, (Geol.), Sc. 1":1 mile - accomp. Memoir 272.

*Map 92 L/2, Woss Lake, (Topo.), Sc. 1:50,000.

#Sheet 92 L (MI), Alert Bay, Revised Mineral Inventory Map, Sc. 1:250,000, British Columbia Dept. of Mines, 1950.

REMARKS

REFERENCES

- Stevenson, John S.; Geology and Mineral Deposits of the Zeballos Mining Camp; Bulletin No. 27, pp. 53-57, British Columbia Dept. of Mines, 1950. +
- Hoadley, J.W.; Geology and Mineral Deposits of the Zeballos-Nimpkish Area, Vancouver Island; Memoir 272, p. 61, Geol. Surv. of Canada, 1953.
- Reports of Minister of Mines, British Columbia: 1935, p. F-40; 1938, pp. F-61-64. ++
- Bancroft, M.F.; Gold Bearing Deposits on the West Coast of Vancouver Island between Esperanza Inlet and Alberni Canal; Memoir 204, p. 16, Geol. Surv. of Canada, 1937.
- Stevenson, J.S.; Lode-Gold Deposits, Vancouver Island; Bulletin No. 20, Part V, p. 18, British Columbia Dept. of Mines, 1944.
- Bancroft, M.F.; Zeballos Mining District and Vicinity, British Columbia; Paper 40-20, pp. 9-10, Geol. Surv. of Canada, 1940.
- Gunning, H.C.; Zeballos River Area, Vancouver Island; Summary Rept., Pt. A-2, pp. 29-50, Geol. Surv. of Canada, 1932.
- Muller, Northcote, and Carlisle; Geology and Mineral Deposits of Alert-Cape Scott Map-area; Paper 74-8, p. 59, Geol. Surv. of Canada, 1974.