

NAME OF PROPERTY

WHITE STAR

OBJECT LOCATED - No. 1 vein.

UNCERTAINTY IN METRES 100. Lat. 50°01'25" Long. 126°48'25"

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 property is underlain by quartz diorite on the east and Lower Jurassic Bonanza volcanics on the west, separated by a body of lime-silicate rocks. Several feldspar porphyry dykes from 1 to 10 feet wide are found on the property.

Two major and three minor quartz veins occur in shears in the quartz diorite about 1,000 feet from its western contact. They vary in width from 1 inch to 6 inches and in strike from north 35 degrees east to north 40 degrees east and dip 70 degrees to 80 degrees southeast. The veins contain moderate amounts of pyrite, galena, sphalerite, arsenopyrite and free gold.

The No. 1 or Donaldson and the No. 2 veins have been mined.

Associated minerals or products of value - Copper, lead, zinc, silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located between 950 and 1,500 feet, east of Spud Creek and about one mile southeast of Zeballos River.

The property consists of the White Star (Lot 1031), staked in 1933 and Don Fraction (Lot 1033), staked in 1937 by A. Donaldson and the Star Fraction (Lot 1833), staked in 1937 by P.M. Monckton. The claims were Crown granted in 1937 and 1939 at which time they were owned by Mr. Donaldson.

In 1939 the property was operated by White Star Mine, Ltd. until 1942 at which time the mine was closed. Workings between 1934 and 1942 included three adits driven a total of 1,800 to 2,000 feet and considerable stoping.

In 1952, Andrew and John Donaldson worked on the No. 2 level on No. 2 vein.

In 1957, Cascade Lode Mines Limited rehabilitated the workings and carried out drifting. The Company became Trans-Ore Mines Limited in 1962.

Golden Lode Rec L 2 F5 1975

120598

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

HISTORY OF PRODUCTION

From 1935 to 1952, 1,418 tons of ore were shipped. Of this ore, 7,093 ounces of gold, 2,967 ounces of silver, 1,246 pounds of copper and 37,780 pounds of lead were recovered. (Index No. 3).

In 1957, 5 tons of ore were shipped, of which 12 ounces of gold, 8 ounces of silver, 16 pounds of copper and 67 pounds of lead were recovered (Index No. 4).

MAP REFERENCES

- *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, 1969.
- #Fig. 2, Zeballos Mining Camp, Areal Geology, Sc. 1":
1,600 feet - accomp. Bull. No. 27, British Columbia Dept. of Mines, 1950.
- Map 4-1974, Alert Bay-Cape Scott, (Geol.), Sc. 1:250,000 -
accomp. Paper 74-8, Geol. Surv. of Canada, 1974.

REMARKS

Comp./Rev. By	LJ						
Date	1-77						

REFERENCES

- Reports of Minister of Mines, British Columbia: 1935, pp. F-38-39; 1937, p. A-40; 1938, pp. A-38, F-68; 1939, pp. A-41, 42, 87; 1940, pp. 27, 72; 1941, pp. A-27, 69; 1942, pp. A-28, 65; 1952, pp. 40, 210; 1957, pp. 43, 68.
- Muller, Northcote, and Carlisle; Geology and Mineral Deposits of Alert-Cape Scott Map-area; Paper 74-8, p. 58, Geol. Surv. of Canada, 1974.
- Stevenson, John S.; Geology and Mineral Deposits of the Zeballos Mining Camp; Bulletin No. 27, pp. 15, 77-79, British Columbia Dept. of Mines, 1950. +
- Hoadley, J.W.; Geology and Mineral Deposits of the Zeballos-Nimpkish Area, Vancouver Island; Memoir 272, pp. 48, 61, Geol. Surv. of Canada, 1953.
- 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. 12-14, Geol. Surv. of Canada, 1940. ++
- Mineral Development Sector; Corporation Files: "Trans-Ore Mines Limited".
- Index No. 3, p. 218, British Columbia Dept. of Mines, 1955.
- Index No. 4, p. 126, British Columbia Dept. of Mines, 1966.
- Bancroft, M.F.; Gold Bearing Deposits on the West Coast of Vancouver Island between Esperanza Inlet and Alberni Canal; Memoir 204, pp. 14-15, Geol. Surv. of Canada, 1937.