

## NAME OF PROPERTY

LONE STAR (C.D., REY ORO)

OBJECT LOCATED - adit.

UNCERTAINTY IN METRES 100.

Lat. 50°01'23" Long. 126°47'35"

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 area is underlain by rocks of the Zeballos batholith cut by feldspar porphyry, apalite and dark andesite dykes.

Gold-quartz-sulphide veins occur in grey quartz diorite of the batholith and also cut the dykes intruded into it. The veins contain massive to vuggy, banded quartz associated with pyrite and minor galena, arsenopyrite, sphalerite and chalcoppyrite.

The main vein strikes north 45 degrees east for 600 feet and dips 78 to 80 degrees southeastward and has a maximum width of 5 inches. A four inch sample from the vein gave 4.24 ounces of gold per ton, 1.5 ounces of silver per ton and 0.5 percent lead.

## HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on Goldvalley Creek about 1¼ mile southeast of Zeballos River between 1,300 and 1,600 feet elevation.

The property consists of the Lone Star claim (Lot 1052) staked in 1934 by Alex MacDonald, the J. and E. claim (Lot 1056), staked in 1936 by Edward G. Brown and the K. Fraction and Axe Fraction (Lots 1751 and 1752), staked in 1937 by H.E. Smith. The claims were later Crown granted.

In 1937, Rey Oro Gold Mining Company, Limited acquired the property and drove the 1200 adit level along the main vein. A 15-ton mill was erected on the property.

In 1939, the C.D. Mining Company, Limited acquired the property and sank a winze to the 1,400 level and drove the 1250, 1300 and 1400 levels. At the closing of the mine in August 1941, work done included 2,000 feet of drifting and considerable stoping on all levels.

Associated minerals or products of value - Silver, copper, lead, zinc.

120603

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

## HISTORY OF PRODUCTION

From 1938 to 1941, 6,223 tons of ore were shipped. Of this ore, 4,600 ounces of gold, 1,425 ounces of silver, 1,036 pounds of copper and 6,574 pounds of lead were recovered.

## 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

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| Comp./Rev. By | EJ   |  |  |  |  |  |  |
| Date          | 1-77 |  |  |  |  |  |  |

## REFERENCES

- Reports of Minister of Mines, British Columbia: 1938, pp. A-38, F-57-60<sup>+++</sup>; 1939, p. 40; 1940, p. 27; 1941, pp. A-27, 70. <sup>+++</sup>
- 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, 97, 98, British Columbia Dept. of Mines, 1950. <sup>+</sup>
- Hoadley, J.W.; Geology and Mineral Deposits of the Zeballos-Nimpkish Area, Vancouver Island; Memoir 272, pp. 48, 63, 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. 22-25, Geol. Surv. of Canada, 1940. <sup>++</sup>
- 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.
- Index No. 3, p. 191, British Columbia Dept. of Mines, 1955.
- Mineral Development Sector; Corporation Files: "Rey Oro Mining Company Limited".