

PRODUCT GOLD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 92 L/2
RÉGION DU S.N.R.C.

REF. AU 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

PRIVATEER

OBJECT LOCATED - of main Adit, west corner of Privateer
OBJET LOCALISÉ claim (Lot 1040).

UNCERTAINTY 200 m Lat. 50°01'42" Long. 126°49'05"
FACTEUR D'INCERTITUDE Lat. Long.

Mining Division Alberni
Division minière

District
District

Rupert

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec
Sect.

Tp.
Ct.

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

New Privateer Mine Limited

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The property is underlain by Upper Triassic and (?) Later volcanic and sedimentary rocks of the Bonanza Group, intruded by Coast intrusions. The veins cut massive volcanic rocks, a band of lime-silicate rocks, and small bodies of quartz diorite. The trend of all the rocks is in general northerly and the dip steeply westward or vertical. Numerous diabase dykes, 1 to 20 feet wide, cut the sediments and volcanics, but not the quartz diorite. A large number of quartz veins have been found on the property; three have produced most of the ore. The Main and No. 2 veins strike easterly and dip steeply northerly and southerly, respectively. Others strike about N20°E to N60°E and dip mainly southeast. Vein widths in the 5 veins opened up in the main part of the mine range from 0 to 4 feet. The productive parts of the veins are characterized by abundant sulphides, including in order of abundance, pyrite, sphalerite and galena, chalcopyrite, arsenopyrite, and pyrrhotite. Alternate bands of quartz and of sulphides occur locally, and where this banding is absent vugs from 1 inch to 1 foot in diameter are lined with quartz crystals and sulphides. The native gold appears to be consistently associated see Card 2

Associated minerals or products - Silver, copper, lead.
Minéraux ou produits associés

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located on Spud Creek, a northwesterly flowing tributary of the Zeballos River, about 3 miles north-northeast of Zeballos.

The Privateer claims were staked by Alfred Bird, Albert Bloom and associates in July 1933 on narrow veins exposed in the walls of Spud Creek. Considerable prospecting was done in 1933, 1934, and 1935 but the outcrop of the Privateer vein was not discovered until December 1936. The claims were purchased by D.S. Tait on behalf of Tait & Marchant, and Ray A. Pitre & associates. They incorporated Nootka-Zeballos Gold Mines, Limited in January 1937; the company name was changed in December 1937 to Privateer Mine, Limited. Additional claims were added in 1934, 1936, and 1937. The Privateer 1-7 claims were Crown-granted to the company during the period 1938-1940 (Lots 1040-1042, 1696, 1697, 1742, 1743); Crown-grants were subsequently obtained on other claims.

In 1936 and 1937 the vein was opened by strippings and open cuts and several tons of high grade ore were shipped to Tacoma. Underground work began in 1937. An amalgamation-cyanide mill with a daily capacity of 90 tons was built in 1938, and milling began in September of that year. In 1941-42 a long crosscut was driven on the 600 level with a raise to connect with the 600 level of the Prident mine. The mine closed in October 1943 for the duration of the war. Mining operations were resumed in October 1945 and milling began in November 1946. Operations continued until October 1948 when the mine closed. (Lessees worked the property until 1953). The extensive underground workings include 7 adits at the 200, 400, 600, 800, 900, 1,000, and 1,100 levels, and a shaft from 1,100 level with 1,200 and 1,300 levels developed from it.

The company name was changed in 1959 to New Privateer Mine Limited. In 1961 the workings were dewatered and 1,186 feet of diamond drilling done in 7 holes to investigate No. 3 vein at depth and the continuation of Nos. 4 and 5 veins to the north; the drilling on adjoining optioned claims discovered copper mineralization (see Uebel, 92 L/2, Cu 1). The work was financed by National Explorations, Limited for a share interest in New Privateer. Probable reserves in No. 3 vein were reported in 1973 as 15,000 tons averaging 0.52 ounce gold see Card 2

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Production from the Privateer, Prident and Van Isle properties for the period 1934-1953 is recorded as 311,207 tons. From this ore 170,428 ounces of gold, 69,441 ounces of silver, 8,958 pounds of copper, and 22,252 pounds of lead were recovered.

Stevenson (1950) reports the Privateer production as 285,771 tons, from which 154,381 ounces of gold and 60,878 ounces of silver were recovered.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

#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.

REMARKS/REMARQUES

Prident property - see 92 L/2, Ref. Au 2.
 Van Isle property - see 92 L/2, Ref. Au 3.

Comp./Rev. By Comp./rév. par	LJ	DMacR					
Date Date	12-76	04-81					

REFERENCES/BIBLIOGRAPHIE

+Stevenson, John S.; Geology and Mineral Deposits of the Zeballos Mining Camp; Bulletin No. 27, pp. 58-71, British Columbia Dept. of Mines, 1950.

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 1934, p. A 28; 1937, p. 41; 1938, p. F. 68;
 1939, p. 87; 1940, p. 71; 1941, p. 69;
 1942, p. 65; 1943, p. 66; 1945, p. 116;
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DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

with the sulphides, although it occurs to a large extent in the gangue in close proximity to these rather than within them. The principal veins appear to have been localized along the axial plane of a trough at a sharp bend in the contact of the main mass of quartz diorite. At this bend, the sediments and volcanics have been deformed into a fold in the form of a trough plunging steeply southwestward. The veins strike approximately parallel to, and are very close to, the axial plane of this trough or fold.

per ton (New Privateer, Shareholders Report, January 28, 1972). Combined reserves for the Privateer and adjoining Prident (92 L/2, Au 2) were reported as 125,000 tons at 0.24 oz/ton gold (Northern Miner, January 17, 1974).

In 1967 Pyramid Mining Co. Ltd. optioned the Privateer (Lot 1042), Garbo (Lot 1030), Garbo 2 (Lot 1861), Blackbird (Lot 1055), Scorpio (Lot 1703), Fernhill Fraction, Cedar Hill Fraction and Trygg Fraction claims. The Company carried out a magnetometer survey, soil-sampling and geological mapping on the Garbo, Privateer and Fern Hill Fraction claims.

New Privateer carried out a feasibility study in 1974. By a 1979 agreement Oakey Holdings, of Calgary, became the lessee and operator, with New Privateer retaining a 12.5% royalty on production receipts. A 15 ton bulk sample from a 90,000 ton waste dump was shipped for test milling. During 1980 a crusher was put into operation, crushing old dump rock, and the installation of a 200 ton-per-day concentrator was begun.