

NAME OF PROPERTY

BUCCANEER

OBJECT LOCATED—Craig vein.

UNCERTAINTY IN METERS 100. Lat. 49°25'25" Long. 125°40'35"

Mining Division Alberni District Clayoquot

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The property lies within the Jurassic Bedwell River batholith, which consists principally of quartz-diorite. Two veins, designated the Craig and West veins, occur in branching fractures which for much of their indicated length are in or at the sides of altered green andesite dykes. The dykes strike about N25°E and dip steeply southeast. They range in width from a few inches to about 25 feet and average from 6 to 10 feet; locally they split into irregular branches, or disappear altogether. The Craig vein, over an 800 foot length, generally ranged from 3 to about 8 inches in width, with occasional swells to 15 inches. Mineralization, including chalcopyrite, pyrite, galena, and sphalerite, occurs as scattered grains filling openings between quartz crystals and along fractures in the gangue in some ribboned parts of the veins. Gold occurs in the gangue, in contact with or close to sulphides. The distribution of mineralization is irregular, with rapid fluctuations in vein width and in values.

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

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on Blaney Creek, a northerly flowing tributary of the Bedwell River, some 42 miles west-northwest of Port Alberni. The claims lie within Strathcona Provincial Park.

The Buccaneer showings were discovered in the fall of 1938 by prospector S.D. Craig; the Dictator 1-8 claims were recorded in November 1938. Bralorne Mines, Limited, optioned the property in 1939 and with other interests formed a private company, Buccaneer Mines, Limited, in August 1939; Bralorne held a controlling interest in the new company. Development work began in 1940. A 25 ton-per-day mill and 3,600 foot long aerial tramway were installed and milling began in September 1941. The mine closed at the end of July 1942 and all mine and mill equipment was removed from the property. Lessees mined remnants of high-grade ore during the latter part of the year.

The principal workings to 1943 comprised 3 adits, totalling about 1,700 lineal feet, and numerous surface workings exploring the Craig and West veins. On the Craig vein an adit called 1600 was driven about 590 feet southerly and an adit called 1400, 160 feet lower, was driven about 610 feet. On the West vein, which was discovered early in 1940, an adit was driven about 475 feet southerly and a winze, about 40 feet from the portal, was sunk 31 feet.

Additional claims in the Ruff and Buccaneer groups were recorded in 1940. Six claims (Lots 1861-1867) have been Crown-granted but details are lacking.

The original owner, S.D. Craig, held a lease on the property during 1946-47. The tramway was replaced from the lower adit to the road and the mining of pillar and stope remnants was carried out on the 1,600 level.

Bedwell River Gold Mines Limited in 1958 optioned the Buccaneer and adjoining Musketeer (93 L/7, CU 3) properties. Production of 1,698 tons during 1958-59 has been listed as Buccaneer production.

Copper Town Mines Limited held an option on the Buccaneer and Musketeer properties during 1961-62; mining operations were apparently confined to the latter.

p.t.o.

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

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HISTORY OF PRODUCTION

Production for the periods 1941-47 and 1958-59 totals 7,096 tons. From this ore 5,871 ounces of gold, 3,487 ounces of silver, 814 pounds of copper, and 7,626 pounds of lead were recovered.

MAP REFERENCES

#Plan of Workings, Buccaneer Mines Limited, Sc. 1":110 feet, Fig. 3, Bulletin No. 13, British Columbia Dept. of Mines.

Bedwell River-Drinkwater Creek Area, (Geol.), Sc. 1":1 mile, Fig. 1, Bulletin No. 13, British Columbia Dept. of Mines.

Map 17-1968, Alberni, (Geol.), Sc. 1:250,000, Paper 68-50, Geol. Surv. of Canada.

*Map 92 F/5 E, Bedwell, (Topo.), Sc. 1:50,000.

REMARKS

REFERENCES

Sargent, H.; Supplementary Report on Bedwell River Area; Bulletin No. 13, pp. 47-61, British Columbia Dept. of Mines, 1941.

Joubin, Franc R.; Musketeer-Buccaneer Area, V.I.; The Canadian Institute of Mining and Metallurgy, Transactions, Vol. 45, 1942, pp. 2-14.

Stevenson, J.S.; Lode-Gold Deposits, Vancouver Island; Bulletin No. 20, Pt. V, pp. 22-25, British Columbia Dept. of Mines, 1944.

Reports of Minister of Mines, British Columbia: 1940, p. 73; 1941, p. 71; 1942, p. 66; 1946, p. 182; 1947, p. 181; 1958, p. A43; 1959, p. A45; 1961, p. 102.

Mineral Development Sector; Corporation Files: "Buccaneer Mines, Limited"; "Bralorne Resources Limited"; "Bedwell River Gold Mines Limited".

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1973, p. 232.

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HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

Craig Mining Ltd., incorporated May, 1973, acquired the May 1-8, June 1-6, and Del 1-3 claims. Trenching was carried out during the year on May 5 and 6 claims.

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