

NAME OF PROPERTY JUMBO, BARNEY

LOCATION—Center of property.

Uncertainty in metres - 300. Lat. 49°14'05" Long. 125°35'08"

Mining Division Alberni District Clayoquot

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

A broad, partly alluvial flat at the head of Deer Bay terminates northward against a low transverse ridge. To the east and west the flat passes into moderate mountain slopes. The valley flat is underlain by an intrusive complex consisting of a greenstone complex and successive intrusions of diorite, granodiorite, minor granite and porphyry. The lower walls of the valley consist predominantly of greenstone and crystalline limestone. These rocks are intruded by scattered diorite bodies which are generally sill-like in form. Small lenses of limestone are scattered in the valley flat.

The intrusive complex is irregularly altered to or veined by garnet-epidote-amphibolite-calcite skarn. The limestone is little altered. At the Jumbo showing, pockets and veins of massive chalcopryrite and bornite occur along the limestone contacts. Some chalcopryrite also occurs with disseminated molybdenite and powellite in the altered rocks.

Associated minerals or products of value - Molybdenite.

HISTORY OF EXPLORATION AND DEVELOPMENT

This property is located on Onad Creek about one-half mile up stream from the mouth of the Creek at the head of Tofino Inlet, at an elevation of about 100 feet.

The Jumbo and Barney claims, owned by Sir Thomas Dancer and associates, were located in 1898. In 1899 these claims were bonded to the Jumbo Mining Syndicate who sunk a 40-foot shaft, drove a 25-foot cross-cut adit and built a flume for water power. The shaft was later abandoned due to flooding. Soon afterwards the members of the syndicate left to fight in the Boer War and the bond was cancelled.

Minor prospecting and development was carried out until 1911 when the property, then owned by Messrs. Drinkwater and Jensen, was bonded to Mr. H.W.E. Caravan of Vancouver. A shaft was sunk for 67 feet with about 400 feet of drifting driven in two directions from the bottom of the shaft. Three cross-cuts, 30, 10 and 13 feet in length, were run from these drifts.

Since 1950 the ground covered by this and other properties in the area (see 92 F/4, Cu 2, 4, 5, 6, Ni 1) has been staked several times and the properties have had several owners. Messrs. Hansen and Buckland located the Foremost and Clear Cree groups in 1952-53. Mr. Buckland organized the Clear Creek Copper Mines Ltd. and Taiga Mines Ltd. to explore and develop the property. A new adit was driven at the south end of the old White showing and some drilling was done there and on the Tofino Nickel Group. In 1960, the property was reacquired by Mr. Hansen and in 1962 all the claims were transferred to Sunwest Minerals, Limited. At this time the property consisted of 58 recorded claims in three blocks. The principal block of 34 claims and fractions lies along the lower courses of Tofino and Onad Creeks. It includes the Lida, Foremost, Foremost Copper, Canyon, Clear Creek, Velvet and Copper Creek Groups. The other blocks comprise the Tofino Group (Cu 6) and the Tofino Nickel Group (Ni 1). Work done on the properties until 1969 included diamond drilling in ten holes for a total of 2,020 feet, bulldozer stripping and trenching. In 1966, Falconbridge Mines Limited conducted geophysical and geochemical surveys.

HISTORY OF PRODUCTION

REFERENCES

- Eastwood, G.E.P.; Tofino Inlet; Reports of Minister of Mines, British Columbia, 1963, pp. 111-116.
- Reports of Minister of Mines, British Columbia: 1898, p. 1133; 1899, pp. 787, 792-3; 1902, p. 233; 1916, pp. 332-333, 362; 1955, p. 78; 1961, p. 104; 1962, p. 111; 1966, p. 74; 1967, p. 75.
- Geology, Exploration and Mining; British Columbia Dept. of Mines, 1969, pp. 217-218.
- Muller, J.E., and Carson, D.J.T.; Geology and Mineral Deposits of the Alberni Map-Area; Paper 68-50, pp. 36, 38, 41; Geol. Surv. of Canada, 1968.
- Mineral Resources Branch; Corporation Files: "Taiga Mines Ltd."; "Clear Creek Exploration Co. Ltd."

MAP REFERENCES

- Map 17-1968, Alberni, (Geol. & Topo.), Sc. 1:250,000; Accom. Paper 68-50.
- Map 196 A, Vancouver, (Geol.), Sc. 1":8 miles; Geol. Surv. of Canada, 1928.
- Properties referred to in the general Tofino-area, Sc. 1":6 miles, Fig. 9, Eastwood, 1963, p. 110.
- Map 92 F (MI), Alberni, Sc. 1:250,000; B.C. Dept. of Mines and Petroleum Resources, 1962.
- *Map 92 F/4 East, Tofino, (Topo.), Sc. 1:50,000.

REMARKS

JULY 1973

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