

NAME OF PROPERTY

CROW (CRAIGELLACHIE)

LOCATION - Centre of property.

Uncertainty in metres - 300. Lat. 49°14'10" Long. 125°34'30"

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 Crow showings most of the orebodies consist of bands of magnetite up to six feet wide which occur near the contact of limestone with the igneous rocks. These bands contain minor chalcopyrite and pyrrhotite. Some malachite is found in the skarn.

HISTORY OF EXPLORATION AND DEVELOPMENT

This property is located about one mile up from the mouth of Onad Creek. It probably includes Crown-grant Lots 311, 312, 313 and 328, as shown on NTS Map 92 F/4, east half.

The Crow Group, owned by Messrs. Drinkwater and Jensen, was located in 1898. It consisted of the Crow, Lady S, Two Sisters Star and Latchbrook Mineral claims, the last two being Crown-grants. In 1898 the Crow claim was surveyed and a 65-foot adit with a 17-foot open-cut approach was driven on the Two Sisters claim. The group was prospected to some extent annually by the locators until 1916 when it was bonded to Sam Silverman of Seattle and the Tofino Copper Company of New York, a subsidiary of ABC Metals Company (neither of these companies were registered in Canada). A second adit was driven 30 feet with a 25-foot open-cut approach. Work was suspended in 1916 and the Star and Latchbrook claims were reverted to the Crown. About sixty tons of ore grading 5-6% copper lay on the dump at that time.

In 1928, D.A. Grant redeemed the two Crown-granted claims and staked the Craigellachie Nos. 1 to 6 claims around them to form the Craigellachie Group. He carried out assessment work on the properties.

Since 1950, the ground covered by this and other properties in the area (see 92 F/4, Cu 2, 3, 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 Creek groups in 1952-53. In 1954 Mr. Buckland organized 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 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: 1899, p. 788; 1902, p. 233; 1903, p. 193; 1916, pp. 332, 362; 1928, p. 371; 1930, p. 294; 1931, p. 168; 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; Accomp. 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; Figure 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, Tofino, (Topo.), Sc. 1:50,000.

REMARKS

BCI 92F-25

JULY 1973