

## NAME OF PROPERTY

BETTY

OBJECT LOCATED - location from Geology, Exploration, and Mining, 1974.

## UNCERTAINTY IN METRES

Lat. 56°04'

Long. 125°22'

Mining Division **Omineca**

District

**Cassiar**

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

## OWNER OR OPERATOR AND ADDRESS

## DESCRIPTION OF DEPOSIT

The showings lie within Takla Group volcanic rocks immediately east of their contact with the Hogen batholith. Takla Group andesite is altered and mineralized along eight fracture zones. Seven zones are parallel to the formational strike, whereas zone G is oblique. Zones A to F carry chalcopyrite and pyrite, zone A also carries chalcocite, and zones B and F also carry magnetite. Zone G is primarily a magnetite deposit, with subordinate chalcopyrite and good values in gold. Zone H carries chalcopyrite only. All have associated quartz. Widths are mostly 1 to 2 feet, but zone C attains 7 feet and zone A 15 feet. Lengths range from 80 feet to 230 feet.

Associated minerals or products of value - Gold.

## HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located about 2 miles north of the Osilinka River and 5 miles west-southwest of Uslika Lake. The main showings are on the west facing slope of a conical hill rising 2,000 feet above the Osilinka River valley.

The Betty group was staked in 1957 by Mr. Emil Bronlund, engineer for Bralorne Mines, Limited. Bralorne Mines, under a joint exploration agreement with Canex Aerial Exploration Ltd. and Noranda Exploration Company, Limited, carried out exploration work on the property in 1958 and subsequent years; this included trenching, and diamond drilling (about 500 feet) in 2 holes to investigate a magnetic anomaly.

Mr. Bronlund and associates in 1963 incorporated Croydon Mines Ltd. to acquire the Betty and other claim groups. A small amount of trenching was reported in the fall of 1963. The claims were subsequently abandoned.

The Bet 1 claim was owned by Alvin Gerun in 1974. A magnetometer survey over 1.9 line-miles was carried out by P. Tegart.

HISTORY OF PRODUCTION

REFERENCES

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1971, p. 219; 1974, p. 290 + .

Mineral Development Sector; Corporation Files: "Aalenian Resources Ltd.".

MAP REFERENCES

Map 1030 A, Aiken Lake, (Geol.), Sc. 1":4 miles - accomp. Memoir 274, Geol. Surv. of Canada, 1954.

Map 94 C, Mesilinka River, (Topo.), Sc. 1:250,000.

REMARKS

Comp./Rev. By	DMacR	DMacR					
Date	8-74	6-76					