

NAME OF PROPERTY

A

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

UNCERTAINTY IN METRES Lat. 56°28' Long. 126°33'

Mineral Division **Omineca** District **Cassiar**

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Pyroclastic volcanic rocks of the Takla Group underlie the area.

The principal showing consists of mineralized Hazelton ? volcanic rocks. These are reddish dacitic tuffs and tuff breccias which are locally impregnated with copper sulphides.

The largest mineralized bed is a dark maroon, brittle, partly welded ash flow deposit striking 130 degrees and dipping 80 degrees southwest. The bed attains a maximum thickness of about 20 feet and apparently can be traced for several hundred feet with a few offsets more or less along strike following the crest of a ridge. The offsets are due to small faults intercepting the beds almost at right angles.

A polished section of a well-mineralized sample shows an abundance of chalcocite occurring as tiny disseminated grains and as fillings in hairline cracks in the rock. An assay of this sample ran 5.6 per cent copper.

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located in the area between the Sustut River, Asitka River, and Willow Creek.

The A 1-700 claims were held by Rio Tinto Canadian Exploration Limited. The main prospect on this large group of claims is one-half mile west of an extension of the Two Lake Creek lineament, 6.5 miles southeast of the Sustut River. Work on the property during 1973-1974 included reconnaissance geological mapping, airborne magnetometer and electromagnetic surveys, geochemical soil, silt, and rock chip surveys comprising 3,575 samples, and 1,350 feet of diamond drilling in 2 holes on A 462.

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HISTORY OF PRODUCTION

REFERENCES

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1973, p. 407; 1974, p. 298 + .

MAP REFERENCES

Map 962 A, McConnell Creek, (Geol.), Sc. 1":4 miles - accomp. Memoir 251, Geol. Surv. of Canada, 1948.
Map 94 D, McConnell Creek, (Topo.), Sc. 1:250,000.

REMARKS

Comp./Rev. By	DMacR						
Date	10-76						