

PRODUCT COPPER PROVINCE OR TERRITORY British Columbia N.T.S. AREA 104 G/16 REF. CU 2

NAME OF PROPERTY JO

OBJECT LOCATED - location from Geology, Exploration, and Mining, 1973.

UNCERTAINTY IN METERS Lat. 57°48.5' Long. 130°12'

Mining Division Liard District Cassiar

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Chalcopyrite occurs as fracture fillings and disseminations in pyritized volcanic rock in a northwesterly trending zone a few hundred feet wide. The zone separates porphyritic andesitic volcanic flows, flow breccias, and much younger feldspar porphyry sills on the east from crystal tuff, breccia, and tuffaceous epiclastic volcanic beds on the west. The bedded rocks on the west may overlies porphyritic volcanic rocks or be in fault contact with them. A representative sample collected from altered, pyritic, porphyritic volcanic rocks exposed in the centre of the pyritic zone returned values of .02 per cent copper with trace of gold and silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at about the 6,000 foot elevation on the Klastline Plateau 2 miles south of Tsazia Mountain and 36 miles east of Telegraph Creek.

Sumitomo Metal Mining Canada Ltd. held the JO group in 1971 and carried out a geochemical soil survey over 25 line-miles covering all the claims. During 1973 diamond drilling was done in 5 holes totalling approximately 1,800 feet.

Associated minerals or products of value

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

512504 \*

HISTORY OF PRODUCTION

REFERENCES

Geology, Exploration, and Mining; British Columbia Dept.  
of Mines: 1971, p. 42; 1973, p. 508. +

MAP REFERENCES

Map 11-1971, Telegraph Creek, (Geol.), Sc. 1:250,000 -  
accomp. Paper 71-44, Geol. Surv. of Canada.  
Map 104 G/16 E, Klastline River, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR	DMacR					
Date	8-74	4-76					