

NAME OF PROPERTY

RIM, ANN, BOB

LOCATION - Neil vein.

Lat. 58°33' Long. 125°33'20"

Uncertainty: 300 metres.

Mining Division Liard

District Peace River

County

Township or Parish

Lot

Concession or Range

Sec.

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The country rocks are Precambrian argillites interbedded with minor quartzite and dolomite. Several northeasterly trending, steeply dipping gabbro-diabase dykes intrude the sedimentary formation. Mineralized quartz-carbonate veins locally accompany the dykes. Five veins have been located, of which the Neil and the No. 1 are the more important. The Neil vein has been traced for a length of about 3,600 feet and over a vertical range of 1,400 feet. Vein width, where exposed on cliffs and in three trenches, averages 4 to 5 feet although wider and narrower intervals occur. The mineralization consists of nests, blebs, and disseminations of chalcopyrite with very minor bornite and pyrite in a quartz-carbonate gangue. A chip sample over a width of 23 feet at the northeast end of the vein assayed 4.8% copper. The No. 1 vein outcrops on the south side of the westerly trending Ram Creek valley. The vein has been traced for 600 feet. Chip samples from 3 localities on the vein averaged approximately 1.5% copper over an average width of 4 feet.

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

This property is located at elevations of 5,000 to 7,500 feet between the Toad and Racing Rivers approximately 105 miles west of Fort Nelson.

Four claims (Rim, Bob, etc.) were staked on a copper-bearing vein (designated the Neil vein) outcropping on a ridge at the 7,500 foot elevation. These claims were acquired by Alberta Copper & Resources Ltd., which was incorporated in July 1969. Klappan Copper Ltd. subsequently staked the STR, GEO, and Ann groups (104 claims) surrounding the Alberta Copper property and adjoining the Davis-Keays property on the west. The company name (Klappan) was changed in March 1970 to Copper Keays Mines Ltd. Trenching during 1970 traced the Neil vein southwesterly into the Copper Keays property for a distance of about 1,600 feet. Alberta Copper in 1970 held the Bob 1-4, Rim 1-6, 9-13, and Mad 1-22 claims. Work during 1971 included geological mapping, trenching in BOB 1-4 and Mad 9, and stripping on Rim 3, 11, and 12 claims.

Copper Keays Mines Ltd. in 1972 held 116 claims in the Bob, Rim, Mad, Ann, Str, and Geo groups. Work during the year included 2,233 feet of diamond drilling in 7 holes on Ann 17, and 18 claims.

Horseshoe Mining Corp. - 1989

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HISTORY OF PRODUCTION

REFERENCES

Mineral Development Sector; Corporation Files: "Copper Keays Mines Ltd."

Preto, V.A.; Bob, Rim, Mad; Geology, Exploration, and Mining in British Columbia: 1971, pp. 78-81, British Columbia Dept. of Mines. +

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 42; 1972, p. 492.

MAP REFERENCES

*Map 94 K/12 E, Upper Toad River, (Topo.), Sc. 1:50,000.

Map 1343, Tuchodi Lakes, (Geol.), Sc. 1:125,000 - Accomp. Memoir 373, Geol. Surv. of Canada, 1973.

#Geology of part of the Bob, Rim, Mad, Key, Ann, STR, and Geo claims, Fig. 10, p. 80 - Report by Preto, 1971.

REMARKS

AUG 1971
MAR 1974
SEPT 1976