

PRODUCT

COPPER

PROVINCE OR  
TERRITORY

British Columbia

N.T.S. AREA 94 K/5

REF. Cu 1

NAME OF PROPERTY

MEINDL

OBJECT LOCATED

UNCERTAINTY IN METERS

Lat. 58°25.6' Long. 125°36'

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 claims are underlain by Precambrian dolomite and shale of the Aida Formation, which are overlain on the westerly side of the property by shale and slate of the Gataga Formation. These strata dip moderately to the west and southwest, and are cut by a large number of Precambrian diabase dykes which mostly trend slightly west of north.

In the central part of the claims, where most of the copper mineralization is found, east and northeast trending faults segment the diabase dykes and probably the veins. With the exception of a few small veins found in the Gataga Formation shale in the northwest part of the claims, all the known copper mineralization occurs in quartz-carbonate veins which cut interbedded dolomite and shale of the Aida Formation and follow a northeast trending dyke. Short, lensy quartz-carbonate veins, which range up to 80 feet long are found along both sides of the dyke over a strike length of about 2,400 feet. Copper content of the veins determined by a considerable number of chip samples ranges from slightly more than 1 per cent across a 2-foot width to approximately 15 per cent across a 3.7-foot width.

## HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at approximately 7,000 foot elevation on the southeast fork of the Toad River, 35 miles south of Muncho Lake.

Windermere Exploration Ltd., incorporated January 1969, acquired the Meindl 1-42 claims by staking. Geological mapping and trenching were carried out in 1970. Canadian Superior Exploration Limited held an option on the property during 1971 and carried out geological mapping of the Meindl 9-12 claims.

Windermere amalgamated with Peregrine Exploration Ltd. in May 1972 to form Barrier Reef Resources Ltd. By 1973 all but the key claims, Meindl 9-12, had lapsed.

Associated minerals or products of value

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

512127 \*

HISTORY OF PRODUCTION

REFERENCES

Preto, V.A.; Meindl; Geology, Exploration and Mining in British Columbia, 1971, pp. 91-93, British Columbia Dept. of Mines.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 45.

Mineral Development Sector; Corporation Files: "Windermere Exploration Ltd."; "Barrier Reef Resources Ltd."

MAP REFERENCES

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

Geology of the Meindl claims, Fig. 15, Geology, Exploration, and Mining, 1971, p. 92, British Columbia Dept. of Mines.

REMARKS

*BCT 94K-37*

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Date	3-74						