

NAME OF PROPERTY **GATAGA 9, 11 - NORTH ZONE**

OBJECT LOCATED -from Geology, Exploration, and Mining, 1971.

UNCERTAINTY IN METERS Lat. 58°13.4' Long. 125°20.8'

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 underlying rocks are Precambrian shaly limestone and dolomite, calcareous shale, siltstone and slate of the Aida Formation, conformably overlain by slate, shale, and siltstone of the Gataga Formation. These strata trend northwesterly and dip southwesterly at moderate to steep angles. Numerous steeply dipping diabase dykes, a few to more than 200 feet wide, cut the Precambrian strata and follow shears or zones of fracturing that mostly trend northwest. Copper mineralization is confined to quartz-carbonate veins. At the Gataga North zone several short, discontinuous veins, mostly less than 5 feet wide, occur in fracture zones near dykes and are moderately well and irregularly mineralized with chalcopryite and pyrite. The veins occur in wedges and panels of calcareous and dolomitic shale and slate, which are truncated or surrounded by dyke material. Although a minor amount of copper mineralization was in places noted to have impregnated the outermost 1 to 2 inches of some dykes, most of the dyke-vein relationships indicate that the dykes are younger than the copper-bearing veins.

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on a tributary of the Gataga River, 6 miles west-southwest of Churchill Peak and approximately 100 miles southwest of Fort Nelson.

Windermere Exploration Ltd. acquired the Gataga 1-20 claims by staking and during 1970 carried out geological mapping and sampling. Canadian Superior Exploration Limited held an option on the property during 1971; geological mapping and trenching was done on the Gataga 9 and 11 claims.

Windermere Exploration in May 1972 amalgamated with Peregrine Exploration Ltd. to form Barrier Reef Resources Ltd.

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

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HISTORY OF PRODUCTION

REFERENCES

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 46; 1971, p. 96.

MAP REFERENCES

Geology of the Gataga, Bronson, 428, Book, and PJ claims, Sc. 1"=2,600' (approx.), Fig. 8, Geology, Exploration, and Mining, British Columbia Dept. of Mines, 1971.

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

Map 94 K, Tuchodi Lakes, (Topo.), Sc. 1:250,000.

REMARKS

BCI 94K-21

Comp./Rev. By	DMacR						
Date	3-74						