PRODUCT	COPPER	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	94 K/3	REF.	Cu 4

NAME OF PROPERTY GATAGA 19 - SOUTH ZONE

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

UNCERTAINTY IN METERS Lat. 58°12.3' Long. 125°21'

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 strata comprising 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 strata and follow shears on zones of fracturing that mostly trend northwest. Copper mineralization is confined to quartz-carbonate veins. Mineralization at the Gataga South zone occurs mostly in a 6 to 18-inch vein that occurs along the western contact of a diabase dyke with shale of the Gataga Formation. The vein is of moderate to low grade and is exposed for a few feet on the south side of a small stream and is either cut off or pinches out against the dyke.

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on a tributary of the Gataga River, 6 miles 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 and carried out geological mapping and trenching.

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

HISTORY OF PRODUCTION

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 173, Geol. Surv. of Canada, 1973.

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

REMARKS

Comp./Rev. By	DMacR						
Date	3-74						

REFERENCES

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

BCI 94K-20