

NAME OF PROPERTY B (CALLBREATH) (WINONA-VERNON)

OBJECT LOCATED - B #8 claim.

UNCERTAINTY IN METRES 500. Lat. 57°43'50" Long. 131°15'45"

Mining Division Liard District Cassiar

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

## DESCRIPTION OF DEPOSIT

The claims are underlain mainly by Jurassic and/or Cretaceous hornblende granodiorite and quartz diorite. A 100-foot wide dyke of pyritic felsite has intruded the granodiorite. Greywacke is reported to occur as an isolated outcrop near Nightout Creek. Map 11-1971 indicates the granodiorite intrusive is in contact with Permian and older sedimentary rocks in the vicinity of Nightout Creek, on the north side of Nightout Mtn. Chalcopryrite and bornite occur as disseminated grains and in quartz veinlets in fractured granodiorite. Quartz-bornite-chalcopryrite vein type mineralization had been excavated from an old trench on B 8 claim. Two samples of this material assayed as follows:

|    | <u>CU %</u> | <u>AG oz./ton</u> |
|----|-------------|-------------------|
| #1 | 12.96       | 4.84              |
| #2 | 9.50        | 3.65              |

Chalcopryrite and bornite are reported to occur in veins in the cliffs to the east of B 8 claim. A specimen of intrusive wall rocks containing disseminated copper obtained from the edge of one of these veins assayed 0.8% copper and 0.16 ounce silver per ton.

Associated minerals or products of value - Silver.

## HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located between elevations of 5,500 and 6,500 feet on the northwest side of Nightout Mountain, 12 miles south of Telegraph Creek.

In 1900 the Winona-Vernon group of claims was located "on the south side of the Stikine River about 10 miles from Glenora", and a years assessment work done. Although the location is doubtful, these claims may have been located on Nightout mountain. Kerr (1948) describes the property under the name "Callbreath claim".

Bart Mines Ltd. in October 1972 optioned the B 1-10 recorded claims from prospector William Hamilton and staked 46 surrounding claims in the BM group. Geological mapping was carried out over B 1-10 and BM 15, 16, 26, 37, 38, 49, and 53.

HISTORY OF PRODUCTION

REFERENCES

Kerr, F.A.; Lower Stikine and Western Iskut River Areas, British Columbia; Memoir 246, p. 74, Geol. Surv. of Canada, 1948. ++

Report of Minister of Mines, British Columbia: 1900, p. 783.

Morgan, D.R.; Geological Report on the 56 Claim Property of Bart Mines Ltd. .... ; - accomp. Bart Mines Ltd. Statement of Material Facts, February 1974. +

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1973, p. 507. +++

Mineral Development Sector; Corporation Files: "Bart Mines Ltd."

MAP REFERENCES

Map 11-1971, Telegraph Creek, (Geol.), Sc. 1:250,000 - accomp. Paper 71-44, Geol. Surv. of Canada.

Map 309 A, Stikine River Area, (Geol.), Sc. 1":2 miles - accomp. Memoir 246.

#Claim Map of "B" and "E" Claims, Sc. 1":3,000 ft. - accomp. Report by Morgan, 1972.

\*Map 104 G/11, Yehiniko Lake, (Topo.), Sc. 1:50,000.

REMARKS

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|---------------|-------|--|--|--|--|--|--|
| Comp./Rev. By | DMacR |  |  |  |  |  |  |
| Date          | 4-76  |  |  |  |  |  |  |