

NAME OF PROPERTY

NH

LOCATION of symbol on Map 69-1.

Lat. 54°43'30"

Long. 127°42'45"

Radius of uncertainty - 500 meters.

Mining Division Omineca

District Range 5, Coast

County

Township or Parish

Lot

Concession or Range

Sec.

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

In the vicinity of the showings the rocks are mainly green, grey, and purple; porphyritic; amygdaloidal andesites and massive and well bedded tuffs; the rocks strike about N30°E and dip about 30°SW. The several exposed zones of mineralization have apparently been localized by both stratigraphic and structural controls. The A zone consists of bornite and chalcocite in fractures and calcite veinlets in a welded tuff unit adjacent to a fault. The mineralization extends for more than 100 feet northeast of the fault but is most abundant in the fault zone and immediately adjacent to it. Assays taken across the entire A zone from the fault to the northeast gave results as follows:-

	Silver ozs. per ton	Copper per cent
First 25 feet	2.6	2.47
Middle 40 feet	0.7	0.81
Outer 32 feet	1.2	0.78

The B zone consists of a brecciated zone about 50 by 50 feet in the favourable tuff horizon on the uplifted side of a small fault. Coarse-grained calcite and very small amounts of disseminated chalcocite form the matrix of the breccia. The C zone consists of one main steeply dipping 1- to 8-inch high-grade chalcocite, bornite vein and a few scattered associated veinlets. At the D zone bornite and chalcocite occur as disseminations and in small fractures and calcite veins in altered lapilli tuff.

Associated minerals or products of value - Silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at elevations of 3,500 to 5,500 feet on Caribou Mountain, 5 miles due south of the junction of Sandstone Creek and the Zymoetz River and approximately 23 miles west-southwest of Smithers.

The NH 1-76 claims were held under option by Canvan Investments Ltd. in 1967. Work on the property included geological, geochemical, and magnetometer surveys, and rock trenching. The showings were apparently a new discovery.

Dome Babine Mines Ltd. held the property in 1968 and carried out 30,500 lineal feet of induced potential survey, a geochemical survey, rock trenching, and 1,056 feet of diamond drilling in 4 holes.

Grandora Explorations Ltd., by an agreement of August 1972 with Granex Mines Ltd., acquired an option to earn a 50% interest in the NH 1-4, NH 1 & 2 Fractions, and EL 1-36 claims. Additional staking was done to a total of about 150 claims. Work during 1972-73 included geological mapping, a geochemical soil survey (60 samples), and diamond drilling.

HISTORY OF PRODUCTION

REFERENCES

Kirkham, R.C.; NH, Report of Minister of Mines, British Columbia; 1968, pp. 121-124.

Report of Minister of Mines, British Columbia; 1967, p. 90.

Mineral Development Sector; Corporation Files: "Babine International Resources Ltd."; "Grandora Explorations Ltd.".

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1973, p. 346.

MAP REFERENCES

#Map 69-1, Geological Compilation of the Smithers, Hazelton and Terrace Areas, Sc. 1":4 miles - B.C. Dept. Mines.

Map 971 A, Smithers-Fort St. James, (Geol.), Sc. 1":8 miles.

Map 93 L, Smithers, (Topo.), Sc. 1:250,000.

Map 93 L/12, Milk Creek, (Topo.), Sc. 1:50,000.

REMARKS

BCI 93 L - 82

OCT 1972
DEC 1975