

PRODUCT

SILVER

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 93 L/5

REF. AG 1

NAME OF PROPERTY

SNOWFLAKE

HISTORY OF EXPLORATION AND DEVELOPMENT

OBJECT LOCATED - showing.

The property is located on Nilah (Gabriel) Creek some 35 miles southwest of Telkwa.

UNCERTAINTY IN METRES 4,000. Lat. 54°28'40" Long. 127°49'35"

Two claims, the Snowflake and Kitman, were owned by John Gabriel from about 1918. Late in 1920 the property was optioned to D.A. Buchanan who apparently began a cross-cut adit the following year. Mr. Gabriel carried out further work in 1926.

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

The showing on the property was found at the top of a small waterfall on Gabriel creek, the vein being well exposed crossing the rocky canyon of the creek. The vein really consists of a mineralization along the walls of a dyke. This mineralization is well developed on the hanging-wall side of the dyke and only slightly so on the foot-wall. On further exploration, however, it is quite possible that both walls of the dyke may be found to be well mineralized. The dyke is from 7 to 8 feet wide and strikes at S25°E, with a dip of 75° to 80° to the southwest. The country-rock through which the dyke cuts is red andesite and the dyke itself is diorite porphyrite.

The mineralization on the hanging-wall of the dyke consists of a partial replacement of the andesitic rock with metallic sulphides and small amounts of quartz and calcite. The metallic minerals present are arsenical iron, grey-copper, and small flakes of native silver. The total amount of metallic minerals forms only a small percentage of the total gangue. The chief value in the rock is silver, the copper content being quite low.

There is a well-defined foot-wall to the deposit, this being the wall of the dyke; but the hanging-wall is indefinite, as the mineralized gangue material gradually changes to unaltered andesite. (M.M.A.R., 1921, p. 94).

Associated minerals or products of value - Copper.

120799

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1918, p. 53;
1921, p. 94 + ; 1926, p. 124.

Summary REPORT 1926, P. 43A, GSC.

MAP REFERENCES

Preliminary Map 44-23, Smithers, (Geol.), Sc. 1":2 miles,
Paper 44-23, Geol. Surv. of Canada.

#Map 93 L/5, Burnie Lake, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
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