

NAME OF PROPERTY

SNOW, SUSKWA

OBJECT LOCATED #225, Map 69-1.

UNCERTAINTY IN METERS 500.

Lat. 55°22'

Long. 126°54'

Mining Division

Omineca

District

Cassiar

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the 5,000 foot elevation on the west side of French Peak, 32 miles east-northeast of Hazelton.

The Suskwa 1-16 claims were held in 1968 by Mastodon-Highland Bell Mines Limited. Work included geological mapping, induced polarization, magnetometer, and geochemical soil surveys, and 7,600 feet of bulldozer trenching.

The Snow 1-6 and Fog 1-22 claims were held in 1971 by Silver Standard Mines Limited. Geological mapping, a geochemical soil survey, trenching, and 1,505 feet of diamond drilling in 6 holes on Snow 1-6 claims was carried out.

Cobra Expl. Co. 1979

DESCRIPTION OF DEPOSIT

A Granitic-type of multiphase porphyry intrusion has been emplaced along a disconformity between Hazelton Group sedimentary rocks, including shales, mudstones, basalt conglomerates, and andesitic to rhyolitic volcanic rocks. The Hazelton Group is intensely hornfelsed. Pyritization is widespread in all rock types. The rocks are well fractured. Argillic alteration is well developed and sericite, quartz, and K-feldspar are secondary. Chalcopyrite, molybdenite, sphalerite, tetrahedrite, and galena are present as disseminations and fracture fillings. Drilling was conducted at the west end of a strong geochemical anomaly for copper and silver, which was found on soils overlying the porphyry which is very poorly exposed. The best intersections obtained in drilling were 120 feet containing 0.2 per cent copper, and short sections containing 0.3 to 0.4 per cent copper.

Associated minerals or products of value - Molybdenum, silver, lead, zinc.

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

512316 *

HISTORY OF PRODUCTION

REFERENCES

Report of Minister of Mines, British Columbia: 1968,
p. 113.

Geology, Exploration, and Mining; British Columbia Dept.
of Mines: 1971, p. 191.

MAP REFERENCES

#Map 69-1, Smithers, Hazelton, and Terrace Areas (Geological
compilation), Sc. 1"=4 miles, British Columbia Dept.
of Mines.

*Map 93 M/7, Netalzul Mountain, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	2-75						

801 93 M-14