

NAME OF PROPERTY

SCOTTIE

OBJECT LOCATED

UNCERTAINTY IN METRES

Lat. 56°13'30" Long. 130°05'

Mining Division Skeena

District Cassiar

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR

DESCRIPTION OF DEPOSIT

The underlying rocks are fragmental volcanics of the Hazelton Group. Granodiorite of the Coast Range Batholith outcrops about 1,000 feet to the west. The showings are very irregular siliceous replacement bodies containing disconnected streaks and large masses of sulphides. The deposits appear unrelated to any definite structural features, but several unmineralized north-westerly and westerly striking shear-zones, having a composite and branching structure into which some of the mineralized zones tend to merge and die out, may have some significance. The sulphide mineralization is characterized by abundant fine-grained pyrrhotite, with smaller amounts of pyrite, arsenopyrite, and chalcopyrite, and occasional grains of sphalerite and galena. The gold content is very erratic and apparently is not proportional to the total amount of sulphides. Assays of specimens of fairly pure pyrite and of pyrrhotite do not indicate a preference of gold for either mineral. Assays of 23 samples over widths ranging from 4 to 60 inches gave a range of values as follows: gold, nil to 1.49 ounces a ton; silver, nil to 5.8 ounces a ton; these samples were from trench exposures.

Associated minerals or products - Silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

This property lies at the 2,950 foot elevation on the west side of Summit Lake north of the Summit Gold property.

The Scottie group of 4 claims was staked in 1944 by E.G. Langille, of Stewart, and H. Melville of Premier. In 1945 the group was optioned to Leta Explorations, Limited, and this company did 1,250 feet of stripping and open cutting and 2,730 feet of diamond drilling before dropping the option in the autumn of 1946.

HISTORY OF PRODUCTION

REFERENCES

White, W.H.; Summit Lake; Report of Minister of Mines, British Columbia, 1946, pp. 66-68.

Mineral Policy Sector; Corporation Files: "Moneta Porcupine Mines Limited" - Annual Report March 31, 1946.

Grove, Edward W.; Geology and Mineral Deposits of the Stewart Area; Bulletin No. 58, p. 152, British Columbia Dept. of Mines, 1971.

MAP REFERENCES

Plan showing open-cuts, mineralization, and assays - British Columbia Dept. of Mines Annual Report, 1946, p. 67.

Geology of the North-Western Side of Summit Lake, Sc. 1":

1,050 feet - see B.C. Annual Report, 1946, p. 64.

Map 307 A, Portland Canal Area, (Geol.), Sc. 1":4 miles - accomp. Memoir 175.

Geological Map of the Stewart Area, Sc. 1": $\frac{1}{2}$ mile, Fig. 3, Sheet C - accomp. Bulletin No. 58.

Map 104 B, Iskut River, (Topo.), Sc. 1:250,000.

REMARKS

Comp./Rev. By							
Date	2-67	10-74					