

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 103 I/9
RÉGION DU S.N.R.C.

REF. AG 15
RÉF.

NAME OF PROPERTY PTARMIGAN (SINGLEHURST)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - Ptarmigan claim (Lot 154).
OBJET LOCALISÉ

UNCERTAINTY 300 m Lat. 54°36'20" Long. 128°18'40"
FACTEUR D'INCERTITUDE Lat. Long.

Mining Division Omineca District
Division minière District

County Township or Parish
Comté Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

Sec Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The property is underlain by thick andesitic flows of Triassic (?) age. About 30' east of the shaft these rocks are cut by a northerly striking diorite dyke.

At the shaft the vein is composed of 8 inches of quartz and several inches of altered wall-rock. The vein has been followed for a distance of about 275 feet and has in this distance a thickness between 6 and 10 inches. It occurs in a fault that strikes N20°E and dips 75°SE.

Kindle took the following samples: An 8-inch channel sample taken across the vein 40 feet north of the shaft assayed: silver, 0.14 ounce a ton; gold, 0.06 ounce a ton. A picked sample was collected from the dump at the shaft by selecting a dozen pieces of quartz containing about 2 per cent of a silvery grey mineral, evidently argentite. The argentite was present as small veinlets in the quartz, and a little chalcopyrite accompanied it. The sample weighed about 2 pounds and assayed: silver, 122.78 ounces a ton; gold, 0.02 ounce a ton. The assays seem to indicate the presence of ore shoots rich in silver.

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located at 4,500' elevation at the south-east end of Bornite Mountain, on the ridge between Chimdemash and Kleanza Creeks, some 14 miles northeast of Terrace.

The property was held from 1899 or earlier by a syndicate of eastern interests represented by S.A. Singlehurst of New York. Ten claims and fractions, the Ptarmigan, Ptarmigan No. 2, Arden, Blue Grouse, Fedora, Emerald, La Tosca, Missouri, Tandem Fr and Transit Fr (Lots 153-155; 161-165; 172-173) were Crown-granted in about 1903. Development work was mainly on the Ptarmigan claim and included a vertical shaft to 130' with crosscuts and drifts from the 30, 60 and 100' levels totalling about 120'. Most of the work was done prior to 1902; in that year about 5 tons of ore were shipped to a smelter. In 1914 the claims were held by Mrs. Singlehurst, of New York. Copper River Exploration Company, Limited optioned the property in 1930 but there is no report of work.

Reports of Minister of Mines, British Columbia: 1899, p. 655; 1900, p. 786; 1901, pp. 990, 997; 1902, p. 46; 1914, p. 131.

*Kindle, E.D.; Mineral Resources, Usk to Cedarvale, Terrace Area, British Columbia; Memoir 212, p. 30, Geol. Surv. of Canada, 1937.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1136 A, Terrace, (Geol.), Sc. 1":4 miles - accomp. Memoir 329.

Plan of part of Singlehurst (Ptarmigan) claim, Fig. 4, Memoir 212, p. 31.

Map 103 I/9, Usk, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	11-84						