

PRODUCT SILVER  
PRODUIT

PROVINCE OR PROVINCE OU British Columbia  
TERRITORY TERRITOIRE

N.T.S. AREA 93 K/6  
RÉGION DU S.N.R.C.

REF. AG 3  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

SILVER ISLAND

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 54°27'15"  
Lat.

Long. 125°24'20"  
Long.

Mining Division Omineca  
Division minière

District  
District

Range 5 Coast

County  
Comté

Township or Parish  
Canton ou paroisse

Lot  
Lot

Concession or Range  
Concession ou rang

Sec  
Sect.

Tp.  
Ct.

R.  
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Silver Island is underlain by a dark green, Topley hornblende diorite and a light coloured rhyolitic intrusion, each outcropping in about equal proportions. The rhyolite, probably of Tertiary age, occurs as a stock cutting the diorite, which is also intersected by numerous stringers of calcite. The mineral deposits, fissure veins 1 to 6 inches wide, consist of tetrahedrite and minor amounts of argentite, native silver, galena, sphalerite, chalcopyrite, pyrite, malachite, and azurite in a gangue of ankerite, barite, and quartz. The fissures strike N60°W and dip 45°SW. Assays of the two veins explored by adits showed a silver content from 9 to 693 ounces a ton. The veins occur in both the diorite and rhyolite; the best mineralization reported was in a 1½ wide vein in the rhyolite.

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

Silver Island is located about 3,000 feet from the south shore and 10 miles from the east end of Babine Lake.

Little information is available on the history; the property was apparently held by the Silver Island Mining Company, Limited, for about 20 years; the company was incorporated in 1912 and its charter surrendered in 1919; a new company of the same name was incorporated in 1921 and its charter was surrendered in 1932. In 1925 the company held 8 claims, one, the Silver Island, covers the surface of the Island, 2 are under the lake, and 5 are on the south shore. Exploration work to this date included 2 drift adits, 65 feet apart. No. 1 adit was driven southeast for 75 feet and at 50 feet from the portal a winze was sunk about 70 feet. No. 2 adit was driven southeast for 153 feet and 2 winzes from it at 83 and 136 feet from the portal were sunk 47 and 24 feet, respectively. Further underground work was apparently done in 1928.

Associated minerals or products - Copper, lead, zinc.  
Minéraux ou produits associés

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa  
Secteur de la politique minérale, ministère de l'Énergie, des Mines et des Ressources, Ottawa  
510595 \*

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Armstrong, J.E.; Fort St. James Map-Area, Cassiar and Coast Districts, British Columbia; Memoir 252, p. 174, Geol. Surv. of Canada, 1949.

Reports of Minister of Mines, British Columbia; 1925, pp. 142, 359; 1928, p. 419.

Armstrong, J.E.; West Half of the Fort Fraser Map-Area, B.C.; Paper 37-13, p. 19, Geol. Surv. of Canada.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 631 A, Fort Fraser, (Geol.), Sc. 1":4 miles. (1941).

Map 907 A, Fort St. James, (Geol.), Sc. 1":6 miles. (1928) -  
accomp. Memoir 252.

Map 93 K/6 W, Taltapin Lake, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	05-69	08-72					