

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 82 F/10
RÉGION DU S.N.R.C.

REF. AG 4
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SILVER HILL GROUP

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°42'30"
Lat.

Long. 116°39'
Long.

Mining Division Slocan
Division minière

District
District

Kootenay

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

British Columbia Lead & Zinc Mines Ltd.,
c/o E.S. Murphy,
1152 Weston Road,
Toronto, Ontario.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The deposit consists of one or more quartz veins, from 1 to 2 feet wide, that parallel the bedding in dark grey argillite of the Mount Nelson formation. In this locality the sediments and the quartz veins lie in a monoclinial roll and vary in dip from almost horizontal to 27 degrees west. The veins appear to be wider where they are most nearly horizontal. They have been dislocated in places by faults, probably none of which has a displacement of more than a few hundred feet. The vein or veins have been traced by open-cuts, short adits, and inclined shafts for a distance of half a mile or more, and the width, though generally narrow, is fairly uniform for considerable distances. They are well mineralized with galena, sphalerite, tetrahedrite, and pyrite. There is, apparently, little replacement of the wall-rock at the margins of the veins. (Rice, 1941).

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

This property is located at the 6,000 foot elevation on the south side of Canyon Creek, a northwesterly flowing tributary of Crawford Creek, about 11 miles east of Kootenay Lake.

The Silver Hill group, including the Silver Hill (Lot 2852), Green Crown, S & N Fraction, Norfolk, Simcoe, and Roy Crown-granted claims was held by The London Consolidated Gold Fields Exploration and Mining Company Limited, incorporated March 1897, from 1898 until 1901.

The Richelieu group, adjoining the Silver Hill group on the south, included the Indication (Lot 2863) and Jennie D. Crown-granted claims. The Richelieu Mining Company Limited, incorporated May 1899, carried out development work on the property until 1901.

The London and Richelieu Mining and Smelting Company Limited, incorporated June 1901, apparently acquired both groups of claims and work continued until late in 1901. Development work to this date consisted of 3,400 feet of underground workings in 4 adits and some 1,500 feet of open cutting and stripping. The X-ray claim (Lot 5089), located a short distance south of the Indication claim, was Crown-granted to H.M. Rumball in 1901, however, no development work has been reported.

Lessees reportedly shipped ore from the property in 1903. Silver Hill Mines Limited, incorporated in August 1916, is reported to have shipped ore from the property in 1917. In 1925 W.J. Williams and associates leased the property from the Bank of Montreal and the following year shipped 25 tons of ore.

No further work was reported until about 1935 when private capital began exploration work on the property. British Columbia Lead and Zinc Mines Limited, formed in March 1937, acquired the property and expanded it to 17 claims. The four adits were cleaned out and the veins resampled, however, no further work was reported done by the company. Mr. J.J. Gray of Toronto held a lease on the property and during 1949 and 1950 made several shipments of ore from the dump. The Abco Mining Corporation Limited, Nelson, B.C., made a shipment of 16 tons of ore from the property in 1952.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

A number of ore shipments have been reported from 1901 to 1949, however, no record has been found of the tonnage or grade involved. From 1950 to 1952 inclusive, 2,429 tons of ore were shipped from this property. From this ore 1 ounce of gold, 70,234 ounces of silver, 58 pounds of copper, 351,420 pounds of lead, and 35,544 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Rice, H.M.A.; Nelson Map Area, East Half, British Columbia; Memoir 228, p. 75, Geol. Surv. of Canada, 1941.

Annual Reports, Dept. of Mines, B.C.: 1900, pp. 849, 987; 1901, p. 1031; 1903, p.149; 1917, pp. 154, 448; 1925, p. 237; 1926, p. 259; 1949, p. 176; 1950, p. 132.

Mineral Policy Sector; Corporation Files: "British Columbia Lead & Zinc Mines Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 603 A, Nelson, B.C., (Geol.), Sc. 1":4 miles - accomp. Mem. 228.

Map 82 F/10 E, Crawford Bay, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

A considerable amount of ore undoubtedly remains in the deposit. The narrow widths, low dip, and distance from transportation will make its extraction costly. (Rice, 1941).

Comp./Rev. By Comp./rév. par							
Date Date	02-66						

BEI 84. F/AE-84.