

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

QUEEN VICTORIA

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°29'30" Long. 117°27'

Mining Division Nelson
Division minière

District Kootenay
District

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec. Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Guaranty Trust Co. of Canada,
624 Howe Street,
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The orebody is of the contact metamorphic or skarn type of deposit. Highly altered limestone of the Hall formation is the host rock for the sulphide mineralization found on the property. The limestone is underlain by hard greenish quartzite which forms the footwall of the mineralized zones and contains also minor amounts of sulphides. Mineralization consists of chalcopyrite, bornite, pyrite and pyrrhotite and is confined almost entirely to the skarn zone. The Nelson intrusives cut the Hall formation on the property and mineralization has been found to be repetitive along the contact. Low gold and silver values are associated with the sulphides.

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The original discovery was made here in 1890 and mining was carried on intermittently between that time and 1918. The workings were mainly open glory holes and these are still accessible.

Following the closing of the mine in 1918, little work was done on the property until 1955. In that year some diamond drilling was done. In the latter part of 1956 the Finley Company of Reno, Nevada, obtained an option. A few thousand tons of material was broken for mill feed but no regular mining program evolved.

In 1956, Swift Copper Mines Limited acquired 18 mining claims covering the property and in addition acquired a complete mill rated at 200 to 300 tons, located about 7 miles from the mining property.

Development in 1960 consisted of mapping, stripping, sampling, and other surface work, including a limited amount of Packsack drilling.

During 1961 a zone about 500 feet long was stripped by bulldozer and two old adits uncovered. In 1962 the Great West Mining Corporation Ltd. of Vancouver put down twelve diamond-drill holes, six in the vicinity of the workings, and six in a group about 2,000 feet west-southwest of the workings. Four holes of the latter group intersected a body of skarn about 40 feet thick mineralized with chalcopyrite and pyrite.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1906 to 1918, about 50,000 tons of untreated ore was shipped to Trail. This is reported to have averaged 2 per cent lead, and to have contained low gold and silver values. Total production from 1907 to 1927 amounted to 44,423 tons, from which 168 ounces of gold, 19,993 ounces of silver, and 1,404,884 pounds of copper were recovered. In 1961, 60 tons of ore were shipped from this property. From this ore 80 ounces of silver and 5,215 pounds of lead were recovered.

REFERENCES/BIBLIOGRAPHIE

Mulligan, R.; Bonnington Map-Area, British Columbia; Paper 52-13, Geol. Surv. of Canada, 1952.

Annual Reports, Dept. of Mines, B.C.: 1906, p. 149; 1907-1912; 1922, p. N 207; 1928, p. 319; 1956, p. 78; 1961, p. 66; 1962, pp. 71-73.

Mineral Policy Sector; Corporation Files: "Swift Copper Mines Limited"; "Great West Mining Corporation"; "Queen Victoria Consolidated Mines".

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Mem. 308, p. 177, Geol. Surv. of Canada, 1960.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Prel. Map 52-13 A, Bonnington, (Geol.), Sc. 1": $\frac{1}{2}$ mile - accomp. Paper 52-13.

Map 3-1956, Nelson, (Geol.), Sc. 1":4 miles.

Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. report by Little, (1960).

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

Date
Date

06-64