

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

BISMARCK GROUP

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°53' Long. 117°04'30"

Mining Division
Division minière

Slocan

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

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are argillites and limestones of the Slocan series, striking about N55°E and dipping 70° northwest. They are cut by a few dykes. Porphyritic granites of the Nelson batholith are exposed about a mile to the southeast. Ore shoots occur in a well defined vein that conforms nearly with the enclosing sediments, and averages about 2½ feet in width. The gangue consists of calcite, quartz, and oxides of iron. The ore consists mainly of lead carbonates and galena. The orebodies have formed partly by replacement.

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

This property lies to the east of Briggs creek, a northwest flowing tributary of Keen creek, and may be reached by a tractor trail that leaves the Keen creek road half a mile southwest of the Cork Province mine, 12 miles southwest of Kaslo.

The Bismark claim was located in 1898 and was worked intermittently until 1910. In 1915 the claim was Crown-granted to Messrs. McKay, Gerard, and Giegerich but apparently no work was done on it at this time.

The property lay idle from 1910 to 1926 when J.A. McKay undertook to reopen the mine, however, the job was not completed. The Consolidated Mining and Smelting Co. Ltd. did some exploration work on the property in 1928 and then dropped their option. The Bismark group at this time consisted of 4 claims, the Bismark, Mountain Goat and Highland Laddie Crown-granted claims and the Black Bear surveyed claim.

B.C. Metals Mines Ltd. was formed in 1951 to develop the group, now consisting of 8 claims. A contract was let to Columbia Diamond Drilling Co. to explore the workings at depth but the results of this work are not known or if it has ever been carried out.

In 1957 the assets of B.C. Metal Mines Ltd. were acquired by Castle Oil and Gas Ltd.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1898 to 1910, 957 tons of ore were shipped from this property. From this ore 79,874 ounces of silver and 95,350 pounds of lead were recovered.

REFERENCES/BIBLIOGRAPHIE

Mines Branch, Ottawa; Report of the Commission Appointed to Investigate the Zinc Resources of British Columbia and the Conditions Affecting their Exploitation; Rept. No. 12, p. 266 and Plate IV, 1906.

Cairnes, C.E.; Description of Properties, Slocan Mining Camp, British Columbia; Mem. 184, p. 194, Geol. Surv. of Canada, 1935.

Annual Reports, Dept. of Mines, B.C.: 1904, p. 158; 1951, p. 166.

Northern Miner, 25-10-51.

Canadian Mines Handbook, 1957, p. 37.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1091 A, Nelson, (Mining Properties), Sc. 1":4 miles.

Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles.

Map 272 A, Slocan, (Geol.), Sc. 1":1 mile.

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

Date
Date

09-62

BCI 82 F/NW-96.