

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

CORK-PROVINCE MINE

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY FACTEUR D'INCERTITUDE	Lat. 49°54'30"	Long. 117°04'30"
Mining Division Division minière	Slocan	District District
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

Base Metals Mining Corp. Ltd.,  
67 Richmond St. W.,  
Toronto.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are andalusite schists, limestone and quartzites of the Slocan series. The contact with the Nelson batholith lies 1,000 feet or so to the north of the mine and probably underlies it at no great depth. The strata in general strike N70°E and dip 80°SE. The main fissure vein, a sheared zone from 5 to 6 feet wide, strikes N55-65°E and dips SE at 75°. On it lie the Black Fox, Daisy, Dublin, Cork and Province claims. Movement along the vein has offset the beds about 80 feet horizontally. Ore found in the vein consists of an intimate mixture of sphalerite and galena with small amounts of pyrite and chalcopyrite in a gangue composed largely of siderite but including varying amounts of quartz and calcite associated with altered wall-rock. Replacement ore is found at the intersection of the fissures with the limestone and may extend for distances up to 100 feet from the vein on the hanging wall side. On the footwall side the concentration of ore minerals is less noticeable.

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

This property, consisting of 13 claims covering about 480 acres, is located on the south side of Keen Creek about 10 miles by road from Kaslo.

The Cork group of 8 claims was staked for the Silver Star Mining Co. Ltd. in 1900. The Province group, consisting of 6 adjoining claims, was staked in 1902 and Province Mines Ltd. began the development work. For a number of years these two groups were operated as two mines, the Cork and the Province. The Province mine was operated by the Company or by leasers until 1908. The Cork mine closed in 1910 and remained closed the following year although the management was taken over by the West Kootenay Corporation. A shipment of ore, under the name of the Selkirk Mining Co. Ltd., was reportedly made from the Cork mine in 1913.

The two properties were combined in 1914 under the name of Cork-Province Mines Ltd. and it operated intermittently until 1930. Leasers made several small shipments of ore from clean up work on the surface and from underground during the period 1930-1948. In 1949 the property was acquired by Base Metals Mining Corporation Ltd. and operations continued until late in 1953 when the mine was closed and the lower workings allowed to flood.

During the early years of operation development work was carried out on 5 levels. The main adit (No. 3 level) was driven as a crosscut tunnel for 900 feet. It is connected to No. 1 level by a raise and to Nos. 4 and 15 levels by a 70° shaft, which was later deepened to establish a 6th level. In 1952 a vertical shaft was sunk from No. 3 level for 555 feet and Nos. 7 and 8 levels established. These new levels required crosscuts, each about 200 feet long, to reach the vein. Drifts on these two lower levels indicated ore of average mine grade but insufficient work was done to determine its extent.

London Pride Silver Mines Ltd. acquired a 10 year lease on the property in April 1964. During the summer the mine was rehabilitated and the 150 ton mill was put into operation in September.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1900 to 1953, 169,433 tons of ore were shipped from this property. From this ore 56 ounces of gold, 456,973 ounces of silver, 11,278,513 pounds of lead, 14,986,081 pounds of zinc, and 105,791 pounds of cadmium were recovered.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Description of Properties, Slocan Mining Camp, British Columbia; Mem. 184, pp. 206-210, Geol. Surv. of Canada, 1935.

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Mem. 308, p. 188, Geol. Surv. of Canada, 1960.

Annual Reports, Dept. of Mines, B.C.: 1904, pp. 159, 198; 1922, p. 190; 1928, p. 305; 1951, p. 164; 1953, p. 136; 1964, p. 121.

Summary Report 1925, p. 192 A, Geol. Surv. of Canada.

Report of the Commission Appointed to Investigate the Zinc Resources of B.C. and the Conditions Affecting Their Exploitation; Rept. No. 12, pp. 169-174, Mines Br., Ottawa, 1906.

Mineral Policy Sector; Corporation Files: "Cork Province Mines Ltd."; "Base Metals Mining Corp. Ltd."; "London Pride Silver Mines Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1091 A, Nelson, (Mining Properties), Sc. 1":4 miles - accomp. Mem. 308.

Map 272 A, Slocan, (Geol.), Sc. 1":1 mile - accomp. Mem. 173.

Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Mem. 308.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	11-64						

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