

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

INDEX

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

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.	

Lat. 49°51'30"  
Long. 117°08'

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

1957: H.F. Kenward,  
751 Granville St.,  
Vancouver.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The southeastern contact of a belt of Slocan sediments, with coarse-grained granitic intrusives of the Nelson batholith, passes through the property. The sediments consist of limy and quartzitic argillites, most of which are fractured and sheared and are cut by several dykes and sills of feldspar porphyry. They strike about N20°E and dip about 70°NW. The ore occurs in a mineralized crush zone striking about N55°W and dipping steeply, in part to the southwest and in part to the northeast. The zone carries pockets and narrow veins consisting mainly of quartz, although containing some siderite and calcite and variable proportions of galena, sphalerite and pyrite.

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

The Index claim is located 14½ miles up the Keen Creek road at an elevation of about 4,570 feet. It was located by F. Helme of Kaslo in 1905 and he worked it intermittently until 1918. Development work during the first three seasons amounted to 355 feet of crosscut, 95 feet of drift, and a 125 foot raise. About 1918 a second adit was begun, this one below the road.

In 1919 the claim was held under bond by the Index Mining Co. of Spokane. Their intention was to extend the lower adit to intersect the vein at depth as the ore had all been stoped out of the upper levels, however the operation was terminated in 1920 without the vein being reached.

After lying idle for 28 years the claim was restaked by the Kaslo Silver-Lead Co. in 1948. The group of 13 claims held by the company is said to contain 3 old mine workings, one being the Index, a second, known as the Metropolitan, is located about 1,000 feet above the road and has two adits of unknown length. Details of the third have not been given. Some surface stripping was done, exposing a small branch vein. Mapping and geological work was done by A. St. Claire Brindle, consulting engineer.

In 1951 Kaslo Base Metals Ltd. acquired the holdings of the Kaslo Silver-Lead Co. along with several additional claims, making a total of 14 claims and 2 fractions. The claims lie in a double row, extending from the valley bottom 3,000 feet up the side hill on the east side of Keen Creek. The lower adit was extended in a southeasterly direction for 807 feet without encountering the mineralized zone which is exposed in the upper workings. A branch tunnel to the south, 650 feet from the portal, was extended 57 feet but no mineralization was encountered.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1909 to 1957, 22 tons of ore were shipped from this claim. From this ore 1,265 ounces of silver, 19,539 pounds of lead and 4,176 pounds of zinc were recovered. These figures may not be complete as it was reported that ore was being sorted for shipment in 1905 and 1907.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Mem. 184, p. 223, Geol. Surv. of Canada, 1935.

Annual Reports, Dept. of Mines, B.C.: 1906, p. 143; 1907, p. 97; 1919, p. 121; 1948, p. 141; 1949, p. 184; 1951, p. 165; 1957, p. 51.

Northern Miner, 25-11, 1948; 16-10, 1952; 22-2, 1951.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 272 A, Slocan, (Geol.), Sc. 1":1 mile - accomp. Mem. 173.  
 Map 1091 A, Nelson, (Topo.), Sc. 1":4 miles - accomp. Mem. 308.  
 Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Mem. 308.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	08-62						

BCI 82 F/NW-101.