

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

SILVER BEAR

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 49°51'50" Long. 117°07'30"

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 mainly porphyritic granites of the Nelson batholith. A belt of northeast trending Slocan sediments, 2,000 ft. wide, lie across the property. The sediments dip away from the granitic contacts so that the general structure of the belt is synclinal but this is complicated by much faulting and shearing. The sediments consist of interbedded limy and quartzitic argillites, limy quartzites, and limestones. Two nearly parallel mineralized zones, with a general northeast strike and dipping southeast at about 65°, cut the middle of the Slocan sediments. Each zone varies from less than a foot to several feet in width, is composed of broken and crushed rock and, more locally, ore and gangue minerals. The gangue is mainly quartz with some calcite and siderite. Ore minerals include galena, sphalerite, pyrite, and one or more silver-bearing minerals.

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

This claim is located on the south side of Keen Creek about 14 miles from Kaslo. The main working level of the mine opens out beside the Keen creek road.

Very little development work was done prior to 1919. During the summer of 1919 the claim was worked by the owners of the adjoining Silver Bell property.

In 1920 the Silver Bear claim was acquired by M.S. Davys and he worked it intermittently through 1927. The following year F. Helme of Kaslo acquired the claim and he worked it intermittently until 1943.

In 1951 a lease was given to S. Hallgren and he in turn sub-leased the property for two years.

Abacot Mines Ltd. of Calgary was formed in 1953 to develop the Silver Bear and Broughton claims. The lowest level was re-opened and a small amount of ore shipped before the mine was shut down in August 1954. Abacot Mines Ltd. was reported bankrupt in 1955. The claim was then owned by Miss N.E. Cloggie of Edmonton. No mining was done at this time. The small amount of ore shipped during the year had been mined previously.

The property is developed by 6 adits, three or more intermediate levels, and several opencuts aggregating, altogether over 3,000 feet of lineal work. The principal workings are three crosscut adits that explore the main lode over a vertical range of 340 feet. The lowest, or No. 3, crosscut adit reaches this lode at 730 feet from the portal.

## HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1919 to 1955, 506 tons of ore were shipped from this property. From this ore 3 ounces of gold, 25,434 ounces of silver, 22,517 pounds of lead and 19,643 pounds of zinc were recovered.

## REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Mem. 184, pp. 244-245, Geol. Surv. of Canada, 1935.

Annual Reports, Dept. of Mines, B.C.: 1919, p. 121;  
1920, pp. 122, 144; 1923, p. 211; 1924, p. 189;  
1931, p. 146.

## MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

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

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

## REMARKS/REMARQUES

Comp./Rev. By  
Comp./rév. par

Date  
Date

09-62

BCI 82F/NW-100.