

PRODUCT SILVER
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE British Columbia

N.T.S. AREA 82 F/14
RÉGION DU S.N.R.C.

REF. AG 36
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

MONTEZUMA GROUP

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Slocan
Division minière

County
Comté

Lot

Sec
Sect.

Lat. 49°56'20"
Lat.

District
District

Township or Parish
Canton ou paroisse

Concession or Range
Concession ou rang

Tp.
Ct.

Long. 117°03'20"
Long.

Kootenay

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

In 1953: Canada Trust Company,
Vancouver.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are metamorphosed argillaceous sediments and limestones of the Slocan group. These have a general north to northwesterly strike and dip to the east or northeast at about 60°. They are moderately metamorphosed by granite intrusives of the Nelson batholith which outcrops to the west of the property and probably underlies it at no great depth. The surface showing was a mineralized zone 15 to 30 feet wide striking northeasterly and dipping at about 70° southeast. The ore consisted of massive galena and zinc blende with pyrite, in a gangue of crushed rock, siderite and quartz. The ore occurred in only the one comparatively restricted area. Most of the workings are now inaccessible.

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

This property is located in the basin of Montezuma Creek, a northern tributary of Keen Creek, at an elevation of about 5,900 feet. It may be reached by trail from the Keen Creek road.

This group of claims was located in 1891 by Messrs. Becker, McLeod, Rossiter and Sandon. Most of the exploratory work on the Montezuma and Mexico claims was done by the Kaslo-Montezuma Mining & Milling Co. of Seattle in the years 1898-1899. The No. 1 adit, driven 20 feet below the surface outcrop, showed pronounced mineralization along the foot and hanging-wall sections of the zone across widths of from 5 to 10 feet. No. 2 adit, 80 feet below No. 1, crosscuts to the same lode. A third adit, nearly 300 feet below No. 2 level, reached the lode by a long crosscut and was connected by a raise with the upper workings. Most of the ore was stoped from the upper levels over a maximum length of about 150 feet. Below No. 2 level the ore became lean and formed a more or less chimney-shaped mass. This ore was stoped out without, apparently, discovering further deposits. A mill was built on Keen Creek but it was destroyed by fire shortly after operations at the mine ceased.

The property was taken over by H. Giegerich of Kaslo in 1906. Development work underground was confined to the blocking out of a body of concentrating ore. About 100 tons of high grade galena was taken out in the process. The body of concentrating ore was taken out and very little has been done with the property since. A shipment of zinc was made from the mine dump in 1918. During 1950 B.W. Price and J.H. Lassen held a lease on the property. In 1951 Kootenay Belle Gold Mines Ltd. of Vancouver acquired ownership of the property and mined 36 tons of ore from the old workings. Operations of this company were suspended in 1952 and the assets taken over by the Canada Trust Company of Vancouver.

Associated minerals or products - Zinc, lead.
Minéraux ou produits associés

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1898, when the first shipment of 750 tons was made, to 1951, 4,236 tons of ore have been shipped from this property. From this ore 54,090 ounces of silver, 1,224,652 pounds of lead and 300,525 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Mem. 184, pp. 237-238, Geol. Surv. of Canada, 1935.

Annual Reports, Dept. of Mines, B.C.: 1896, p. 94; 1898, p. 1085; 1899, pp. 596, 701, 702; 1906, p. 143; 1950, p. 138; 1951, p. 39; 1953, p. 138.

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

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Map 273 A, Sandon, (Geol.), Sc. 1":4,800' - accomp. Mem. 173.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	06-62						

BCI 82 F/NW-91.