

PRODUCT
PRODUIT

SILVER

PROVINCE OR
TERRITORY PROVINCE OU
TERRITOIRE

British Columbia

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

REF. AG 47
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

METALLIC GROUP

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°56'
Lat.

Long. 117°21'
Long.

Mining Division Slocan
Division minière

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 rocks in the vicinity are chiefly argillites of the Slocan series and form part of a roof pendant or inclusion in the surrounding porphyritic granite of the Nelson batholith. The sediments are intruded by narrow dykes. A strong shear zone strikes N80°E and dips about 50°N. It varies from a few inches to 10 feet in width and though mostly filled with brecciated fragments also includes bunches, streaks, and long lenses of vein matter on which some stoping has been done. The vein is terminated in the east against a wide fault zone that dips gently east. The abundant gangue mineral is quartz, but considerable calcite is also present. The chief ore minerals are galena, grey copper, and sphalerite with which are associated some pyrite and chalcoppyrite.

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

This property is located 2 miles south of Silverton and may be reached by a short branch road from the Hewitt mine road.

The Midnight claim was Crown-granted to C.E. Hope in 1900 but the first shipment of ore was not made until 1909. In 1918 the property was known as the Midnight group and was owned by Messrs. MacFarland and Calany. A drift was run in for 160 feet at this time.

In 1923 the group was owned by Messrs. McFarlane and McAulay and consisted of the Metallic, Midnight, Mary Florence and North Star claims. Since that time the property has been known as the Metallic group.

In 1929 Galena Farm Consolidated Mines Ltd. did about 200 feet of drifting and crosscutting on No. 2 level, however the results were disappointing and the option was dropped. Leasers worked the property in 1935, 1938 and 1940.

In 1948 the property was owned by MacAulay Bros. and R.S. White. Leasers started a raise about 350 feet in from the portal of the lower tunnel and this was driven through to the upper tunnel the following year. By 1950 there were four stopes in the lower adit, three nearest the portal being worked at this time. Van Roi Consolidated Mines Ltd. obtained an option on the property later in the year but no work was done.

The workings consist of two adits about 65 feet apart vertically. The upper is 350 and the lower about 600 feet long.

Handwritten note: Galena Exploration L (F S 14/10)

Associated minerals or products - Lead, zinc.
Minéraux ou produits associés

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1909 to 1950, 230 tons of ore were shipped from this property. From this ore 3 ounces of gold, 15,810 ounces of silver, 56,933 pounds of lead, and 51,259 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Mem. 184, p. 82, Geol. Surv. of Canada, 1935.

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Mem. 308, pp. 135-136, Geol. Surv. of Canada, 1960.

Annual Reports, Dept. of Mines, B.C.: 1918, p. 171; 1923, p. 228; 1929, p. 314.

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 273 A, Sandon, (Geol.), Sc. 1:48,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	09-62						

BCI 82 F/NW-66.