

PRODUCT GOLD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

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

REF. AU 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

MORNING STAR

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°47'
Lat.

Long. 117°26'
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 country rocks are mainly medium-grained biotite-hornblende diorite intersected by a few small felsite dykes. Near the vein the diorite is bleached and silicified. Ore occurs in a main vein and in a branch vein. The main vein strikes about N25°W and dips about 65°SW. In the lower levels the vein varies from 1 to 3 inches in width. In the upper levels the vein is 1 to 2 feet wide for a length of 30 feet, but on either side of this stope it is 3 inches wide or less. It is terminated at the south end against a fault that strikes N20°E and dips 50°NW.

The gangue is mainly of quartz with siderite or ankerite and a little calcite. Metallic minerals in the vein consist of fine steel galena, sphalerite, cubes of pyrite, and possibly some tetrahedrite.

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

This claim is located on the north side of Springer Creek, a few hundred feet above its junction with Dayton Creek. It may be reached by a 3 mile long road from Slocan City. The claim was originally staked in 1900 and the following year about 700 feet of development work was done.

The workings now include two adits. In the lower one the main vein has been traced for 380 feet and a branch vein near the south end has been followed for 120 feet. With the other lateral workings off from the main tunnel a total of about 600 feet of development work has been done on this level. The upper adit, 100 feet above, is about 100 feet long.

The claim has been held by record and throughout most of its history the work done on it has been confined to yearly assessment requirements. Most of the development work was done during the years 1901 and 1946.

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

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa
Secteur de la politique minérale, ministère de l'Énergie, des Mines et des Ressources, Ottawa
503801 *

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1935 to 1949, 25 tons of ore were shipped from this claim. From this ore 42 ounces of gold, 114 ounces of silver, 1,121 pounds of lead and 913 pounds of zinc were recovered. A large part of the workings were driven in 1901 but there is no record of production at that time.

REFERENCES/BIBLIOGRAPHIE

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Mem. 308, p. 159, Geol. Surv. of Canada, 1960.

Annual Report, Dept. of Mines, B.C.: 1946, p. 168.

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, Sc. 1":1 mile.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	0.8-62						

BCI 82 F/NW-216