

PRODUCT LEAD
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE British Columbia

N.T.S. AREA 82 F/4
RÉGION DU S.N.R.C.

REF. PB 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

DOUGLAS

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°00'
Lat.

Long. 117°56'
Long.

Mining Division
Division minière

Trail Creek

District
District

Kootenay-Similkameen

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

Godfrey Bros.,
Northport,
Washington, U.S.A.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The claim is underlain by conglomerate of the Sophia Mountain formation in which a lenticular bed of coarse-grained faintly stratified sandstone strikes N20°W and dips 70°NE. The conglomerate is cut by several dykes of pink or greenish porphyritic syenite, and a dyke of sheared lamprophyre is exposed underground. A shear zone strikes S60°E and dips 70° NE along the contact of conglomerate with syenite, both of which are sheared. The shear zone is from a few inches to 10 feet wide. Individual leases and quartz veins up to a foot wide occur at intervals along the lower tunnel of the workings, which is 750 feet long. The veins are locally fractured, and the fractures filled with gangue. Pyrite is the most abundant mineral in the veins, but in a few places along the veins are concentrations of galena, sphalerite and a little chalcopyrite.

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

The Douglas Crown-granted claim is located on the west side of Mount Sophia adjacent to the International Boundary and about a mile south of the Velvet mine from which it is accessible by road.

The earliest development of the mine was in 1900 and 1901 when some 790 feet of tunnelling was done. No further activity was reported until the period from 1948 to 1950 when the present owners did some development work and made a small shipment of ore.

The workings consist of 3 adits at elevations of approximately 3,950, 4,060 and 4,180 feet. In 1949, when the property was examined by Little, the middle adit was caved and the upper adit accessible for only a short distance.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

During 1958 and 1959, 2 shipments of ore totalling 10 tons were made from the property. This ore contained 1,305 pounds of lead, 1,058 pounds of zinc, and 19 ounces of silver.

REFERENCES/BIBLIOGRAPHIE

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Mem. 308, p. 125, Geol. Surv. of Canada, 1960.

Annual Reports, Dept. of Mines, B.C.: 1900, p. 862; 1901, p. 1048; 1950, p. 119.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

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

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

Date
Date

08-61