

PRODUCT LEAD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

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

REF. PB 23
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

FLINT

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°56' Long. 117°06'30"

Mining Division Slokan
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

1953: L.H. MacPherson and J.L. MacPherson, Kaslo, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The rocks underlying the property are coarse grained, porphyritic granites of the Nelson batholith. Two mineralized shear zones, the Flint and Granite King lodes, cut these rocks. Only the first of these shears has been explored on this property. The Flint lode varies in thickness from a few inches to over 11 feet. The filling is composed of crushed granite, gouge, quartz, siderite and ore minerals. The principal ore-body formed a composite shoot containing lean or barren portions extending from the surface to the No. 3 adit level. It had a maximum length of at least 150 feet on No. 2 level, and was stoped above that level to a height of from 25 to 35 feet. Most of the richer portions of this shoot have been stoped out. The pay streak varied from an inch to over 3 feet and contained galena in lenses and bunches, associated with siderite, sphalerite, quartz and pyrite.

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

This property was staked in 1898 and the first recorded production was in 1905. The Flint lode has been opened up by 3 crosscut adits driven in a westerly direction. The lowermost adit reaches the lode at 220 feet from the portal, and has been extended beyond the lode for 235 feet, to a point believed to be within 50 feet of the Granite King lode. The portal of No. 2 adit is located about 150 feet southwest of, and about 80 feet above the portal of the lowest adit, and the portal of the uppermost or No. 1 adit is 150 feet above and 500 feet southwest of this same portal. No. 2 adit reaches the lode at 50 feet, and the No. 1 at about 100 feet. At each adit level drifts have been run southerly along the lode for distances of 600, 280, 60 feet at levels 3, 2 and 1, respectively, and from near the face of No. 3 adit a raise extends to the surface.

In 1953, after remaining idle since about 1917, some work was done on the property, and a little ore taken out.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

A production of 339 tons of ore from which was recovered 1 ounce of gold; 11,450 ounces of silver; 149,279 pounds of lead; and 11,672 pounds of zinc, has been recorded from this property. Of this amount 317 tons, according to Cairnes (1935, p. 217), was produced in the period 1907-1917. The last known production was in 1953, when 9.6 tons of ore, having a gross content of 220 ounces of silver, 3,955 pounds of lead, and 3,991 pounds of zinc, was shipped.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Mem. 184, pp. 217, 218, Geol. Surv. of Canada, 1935.

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

Annual Reports; Dept. of Mines, B.C.; 1906, p. 143; 1911, p. 132; 1916, p. 196; 1917, p. 157; 1929, p. 322; 1953, p. 137.

Brame, S.; Mineralization Near the Northeast Margin of the Nelson Batholith, Southeast British Columbia; M.Sc. Thesis, U. Alberta, 1979. (Abstract in CIM Bull., Nov. 1980, p. 28).

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 273 A, Sandon, (Geol.), Sc. 1":4,000'.

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	10-61						

BCI 82 F/NW-83.