

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

JOSIE (LE ROI No. 2)

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°04'50" Long. 117°48'40"

Lat.

Long.

Mining Division
Division minière

Trail Creek

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

Cominco Ltd.,
630 Dorchester Blvd. W.,
Montreal, Quebec.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation consists of augite porphyrite of the Ross-land formation cut by granodiorite and diorite porphyrite of the Nelson intrusives. Three main veins, the Hamilton, North Annie, and South Annie strike westerly and dip steeply north. The ore shoots as a rule lie along the portion of the shear zone traversing a formational contact. Mineralization consists of pyrrhotite, pyrite, and chalcopyrite. The gangue is altered country rock with little or no quartz and carbonate.

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

The Josie group, consisting of the Josi, Poorman, No. 1, Annie and Annie Fraction claims, lies west of and adjoining the Centre Star property on the northwestern edge of the City of Rossland.

The Josie claim was apparently located by R.E. Lemon in 1890 and Crown-granted to F.C. Loring in 1895. The British American Corporation Limited purchased the Josie and a number of adjoining claims in 1896 and development work was carried on for several years. The property was acquired in 1900 by Le Roi No. 2, Limited, an English company. Mining operations were carried out on 10 levels from a 1,300 foot deep shaft, and in several adits. Operations were continuous until Jan. 1922 when the mine closed.

The Consolidated Mining & Smelting Company of Canada Ltd., owner of the adjoining Centre Star group, purchased the property in 1923 and operations were carried on until 1928 when the mine was closed. Lessees worked the property from 1932 until June 1942.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1900-1922, 611,215 tons of ore were shipped from this property. From this ore 300,622 ounces of gold, 485,828 ounces of silver, and 17,142,595 pounds of copper were recovered. Production from 1922-1942 is included in the total for the Centre Star property.

REFERENCES/BIBLIOGRAPHIE

Drysdale, C.W.; Geology & Ore Deposits of Rossland, B.C.; Memoir 77, Geol. Surv. of Canada, 1915.

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Memoir 308, p. 179, Geol. Surv. of Canada, 1960.

Annual Reports, Dept. of Mines, B.C.: 1890-1942.

Gilbert, G.; Rossland Camp; Structural Geology of Canadian Ore Deposits, Canadian Institute of Mining & Metallurgy, Jubilee Volume, 1948, pp. 189-196.

Mineral Policy Sector; Corporation Files: "Cominco Ltd."; "Le Roi No. 2 Limited".

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy, 1922, Rept. 605, pp. 178-180 (No. 179).

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Mineral Reference Map No. 5, Trail Creek & Nelson, B.C., (Surveyed claims), Sc. 1":1 mile - B.C. Dept. of Lands, 1930.

Map 1518, Geological Plan of the Principal Mines at Rossland, B.C., Sc. 1":200 ft. - accomp. Mem. 77.

Map 82 F/4, Rossland-Trail, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

See also: Centre Star; Area 82 F/4, Ref. Au 6.

Comp./Rev. By Comp./rév. par							
Date Date	06-66	01-74					