

PRODUCT GOLD  
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 82 F/4  
RÉGION DU S.N.R.C.

REF. AU 2  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

I.X.L.

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 49°04'20" Long. 117°50'35"

Mining Division Trail Creek District  
Division minière District

County Township or Parish  
Comté Canton ou paroisse

Lot Concession or Range  
Lot Concession ou rang

Sec. Tp. R.  
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation consists mainly of fine-grained, massive andesite, with minor interbeds of tuffaceous slate and limestone all of the Mount Roberts formation. These rocks are intruded by a small body of biotite monzonite and several lamprophyre dykes, some of which are up to 10 feet wide. Three veins are known, the A, B, and C. These veins, ranging in width from a fraction of an inch to 2 feet, strike N50° to 80°E, dip 35° to 65°SE, and occupy faults in which up to 6 inches of gouge occurs. The vein filling consists of quartz, ankerite, pyrite, chalcopyrite, galena, and free gold. The gold is found in rich pockets that are erratically distributed in the veins.

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

This claim, located about a mile west of Rossland, was staked by T. Heady in May 1891. The claim is adjoined by the Midnight claim on the east and by the O.K. claim on the west. The I.X.L. Gold Mining & Milling Company was working the property in 1899. Numerous leasers worked the property during the period 1900 to 1948. Ownership of the claim had been acquired by J.S. Baker of Tacoma in about 1920. Kootenay Central Mines Ltd. leased the property in 1948 and reopened the No. 5 level which is connected with the workings on the Midnight claim, then owned by the company. Very little work was done by the company and leasers resumed operations in 1953.

Midnight Consolidated Mines Ltd. was formed in 1956 to develop the I.X.L., Midnight, and O.K. mines, however, operations were suspended in April 1957. Subsequent mining operations were carried on by leasers.

Associated minerals or products - Silver, copper.  
Minéraux ou produits associés

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1899 to 1964, 5,680 tons of ore were shipped from this property. From this ore 25,859 ounces of gold, 8,509 ounces of silver, 18,000 pounds of copper, 77 pounds of lead, and 39 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Memoir 308, p. 180, Geol. Surv. of Canada, 1960.

Annual Reports, Dept. of Mines, B.C.: 1935, pp. E 6-E 9.

Drysdale, C.W.; Geology and Ore Deposits of Rossland; Memoir 77, p. 151, Geol. Surv. of Canada, 1915.

Mineral Policy Sector; Corporation Files: "I.X.L. Gold Mining and Milling Company".

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 Mining Divisions, B.C., (Claim Map), Sc. 1":1 mile - Dept. of Lands, B.C., 1930.

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	11-65						