

PRODUCT COPPER  
PRODUIT

PROVINCE OR PROVINCE OU British Columbia  
TERRITORY TERRITOIRE

N.T.S. AREA 82 F/6  
RÉGION DU S.N.R.C.

REF. CU 4  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

ARNOLD

OBJECT LOCATED - Arnold claim, Lot 4079.  
OBJET LOCALISÉ

UNCERTAINTY 300 m  
FACTEUR D'INCERTITUDE

Lat. 49°16'55"  
Lat.

Long. 117°24'  
Long.

Mining Division Nelson  
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 underlying rocks are Sinemurian sediments and minor volcanics of Jurassic age intruded by Nelson porphyritic granite to granodiorite of Cretaceous age. Drilling in the 1920's indicated the mineralization is mainly iron and copper sulphides.

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

The Arnold claim is located at the 4,500' elevation on the west side of Erie Creek some 14 miles south-southwest of Nelson. An early settlement about 2 miles to the south was known as Craigtown or Green City.

Workings on the Arnold claim in 1896 included a 25' shaft and 10' drift. The claim was Crown-granted (Lot 4079) to W.A. Arnold in 1902.

The Arnold and adjacent Gracie R, Rosebud Fr and Arnold Fr claims were owned from about 1920 by W. Connolly. The Consolidated Mining and Smelting Company of Canada Limited optioned the property and carried out diamond drilling in 1926-27 on the Arnold and Gracie R claims, and on the St Louis (Lot 12176) about ½ mile to the south. The drilling indicated wide zones of mineralization but failed to locate commercial ore.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:

1896, p. 75; 1902, p. 296; 1920, pp. 133, 350;  
1926, p. 274; 1927, p. 313.

Mineral Policy Sector; Corporation Files: "Cominco  
Ltd".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles, accomp. Memoir  
308, Geol. Surv. of Canada, 1960.

#Mineral Reference Map No. 4, Nelson & Trail Creek, Sc. 1":  
1 mile, B.C. Dept. of Lands, Sept. 1929.

\*Map 82 F/6, Nelson, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	01-84						

BCI 82 F/SW-288