

PRODUCT
PRODUIT PHOSPHATE

PROVINCE OR
TERRITORY PROVINCE OU
TERRITOIRE

British Columbia N.T.S. AREA 82 G/10
RÉGION DU S.N.R.C.

REF. Phs 2
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ MARTEN

OBJECT LOCATED Geographic
OBJET LOCALISÉ

UNCERTAINTY 1000 m Lat. 49°34'30" Long. 114°47'10"
FACTEUR D'INCERTITUDE Lat. Long.

Mining Division Fort Steele District Kootenay
Division minière

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

Map 35-1961 indicates rocks in this vicinity include the Pennsylvanian-Permian Rocky Mountain Formation on the east side of Michel Creek, and further to the east a thin section of Triassic Spray River and the Jurassic Fernie Group. The underground workings exposed a phosphate horizon with a width of 2.25' and average grade of 55 % tri-calcium phosphate ($\text{Ca}_3\text{P}_2\text{O}_8$). Some 500 000 tons are indicated by present workings (Cominco 1930 Annual Report, p. 28.)

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

The workings are located between elevations of 4 350' and 4 600' on the east side of Michel Creek, close to the Corbin mine railway, about 5 miles south of McGillivray station and some 6 miles southwest of Crowsnest Pass.

The Consolidated Mining and Smelting Company of Canada Limited (Cominco Ltd) carried out exploration on an extensive area of phosphate-bearing rocks in the Michel Creek area in 1926. Crown-granted rights (Lots 13875 and 13876) were acquired through the Phosphate Act which was then in force but later repealed; the company, however, continued to hold these rights. An exploratory underground mine (Marten) was developed on outcrops at "Cold Springs" in the fall and winter of 1930 and first three months of 1931. Development work included two inclined shafts and a 200+ foot drift adit.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1926, p. 246;
1930, p. 378; 1931, p. 211; 1967, p. 311.

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

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 35-1961, Fernie (E½), (Geol.), Sc. 1" = 2 miles - accomp.
Paper 61-24, Geol. Surv. of Canada.

Map 82 G/10, Crowsnest, (Topo.), Sc. 1: 50 000.

REMARKS/REMARQUES

BCI 82 G/NE-27

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	09-87						