

PRODUCT
PRODUIT
PHOSPHATE

PROVINCE OR
TERRITORY
PROVINCE OU
TERRITOIRE
British Columbia

N.T.S. AREA 82 G/2
RÉGION DU S.N.R.C.

REF. Phs 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ
CABIN CREEK - STORM CREEK

OBJECT LOCATED
OBJET LOCALISÉ

Cabin Creek	Lat.	49°06'	Long.	114°41'
CAB Group	Lat.	49°10'	Long.	114°43'
Mining Division Division minière	Fort Steele	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 southernmost exposures of the basal phosphate of the Jurassic Fernie Formation occur in this area. A phosphate bed averaging 1.5 m in thickness occurs along a strike length of 27 km. Poorly cemented oolitic phosphate is present in a broad synclinal structure modified by a number of thrust faults and smaller folds. Thrust faulting has thickened the phosphate bed at some localities. Elsewhere the phosphate has been remobilized into the axial portions of folds. Phosphate content is in the range of 13 to 20 per cent P_2O_5 . Less silty varieties contain better than 20 per cent P_2O_5 .

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

Cabin Creek and its tributary Storm Creek are located some 50 km southeast of Fernie.

The Cabin 1-3 claims (39 units), located on Cabin creek 5 km southeast of Cabin Pass, were held in 1977-78 by Imperial Oil Limited. Work included a geochemical soil survey comprising 60 samples, and percussion drilling in 20 holes totalling 205 m on Cabin 1 and 3. On the Ram 1 and 2 claims (30 units), located some 4 km north of Cabin Pass, Imperial in 1977-78 carried out a geochemical survey (35 samples) and percussion drilling in 13 holes totalling 221.6 m.

The CAB group of claims, located near the head of Storm creek, were held in 1981 by First Nuclear Corporation Ltd. Work included magnetometer and radiometric surveys over 12 km, and an airborne radiometric survey over 80 km.

Exploration in British Columbia; BCDM: 1977, pp. 253, 254;
1978, pp. 290, 291; 1981, p. 214.

Butrenchuk, S.B.; Phosphate Inventory; Geological Fieldwork,
1986, pp. 289-302, BC Dept. of Mines.

Report of Minister of Mines, British Columbia, 1967, p. 311.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Tectonic map of part of the eastern Rocky Mountains, Sc. 1"=
8 miles, Fig.1, Memoir 336, Geol. Surv. of Canada, 1965.
-and Fig. 16; covers part of CAB group showings.

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

Map 82 G/2, Inverted Ridge. (Topo.), Sc. 1: 50 000.

REMARKS/REMARQUES

BCI 82 G/SE-55,56,61

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