

PRODUCT
PRODUIT PHOSPHATE

PROVINCE OR TERRITORY
PROVINCE OU TERRITOIRE British Columbia

N.T.S. AREA 82 J/6
RÉGION DU S.N.R.C.

REF. Phs 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ CONNOR LAKES

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 59°19' Long. 115°04'
Lat. Long.

Mining Division Fort Steele 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

Several exposures of phosphate occur in the Permian Ranger Canyon Formation. A resistant chert horizon is overlain by a sandstone bed 1 m thick containing 10 to 15 per cent phosphate nodules by volume. They contain 23 to 28 per cent P_2O_5 , but samples of the sandstone assayed only 1.6 per cent P_2O_5 . Steep dipping normal faults at one locality have thickened the basal phosphate pebble-bearing chert horizon to 10 metres. Throughout this section, the phosphate content was generally less than 5 per cent P_2O_5 , except for a bed 50 cm thick, at the base of the chert, which assayed 16.5 per cent P_2O_5 .

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

Connor Lakes are located on Forsyth Creek, a south-easterly flowing tributary of the Elk River, some 90 km north of Fernie.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Butrenchuk, S.B.; Phosphate Inventory; Geological Fieldwork, 1986, p. 295, BC Dept. of Mines.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 82 J/6, Mount Abruzzi, (Topo.), Sc. 1: 50 000

REMARKS/REMARQUES

<i>Comp./Rev. By</i> <i>Comp./rév. par</i>	DMacR							
<i>Date</i> <i>Date</i>	10-87							