

PRODUCT
PRODUIT BENTONITE

PROVINCE OR
TERRITORY PROVINCE OU
TERRITOIRE British Columbia

N.T.S. AREA 92 I/13
RÉGION DU S.N.R.C.

REF.
RÉF. Bnt 1

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

HAT CREEK

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 50°46'30" Long. 121°36'30"
Lat. Long.

Mining Division Kamloops
Division minière

District Kamloops
District

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 lowest unit of Eocene Kamloops Group sediments in the Hat Creek basin consists, according to Church (1977), of coal with intercalations of siltstone, conglomeratic sandstone and thin bentonite layers. Montmorillonite, the major clay mineral component of bentonite, is widely distributed within the coal layers and in the overlying siltstone-claystone sequence.

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

The Hat Creek basin is located some 24 km west-northwest of Ashcroft and about the same distance east-northeast of Lillooet. BC Hydro carried out drilling on the coal deposit in the 1970's.

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HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Church, B.N.; Geology of the Hat Creek Coal Deposits;
 Geology in British Columbia, 1975, pp. 99-118; British
 Columbia Dept. of Mines.

Read, P.B.; Industrial Minerals in some Tertiary Basins,
 Southern British Columbia; Geological Fieldwork, 1986,
 p. 254, BCDM.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1010 A, Ashcroft (Geol.), Sc. 1" = 4 miles - accomp.
 Memoir 262, Geol. Surv. of Canada, 1951.

Geology of the Hat Creek Coal Basin, Sc. 1" = 8 000 feet, Fig.
 G-41, Geology in British Columbia 1975, BCDM.

Simplified geological map of the McAbee-Cache Creek-Hat Creek
 area, Sc. 1 cm = 2.5 km, Fig. 4-1-4, Geological Fieldwork
 1986, p. 252, BCDM.

Map 92 I/13, Pavilion, (Topo.), Sc. 1: 50 000.

REMARKS/REMARQUES

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