

PRODUCT COAL
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE British Columbia

N.T.S. AREA 93 P/4
RÉGION DU S.N.R.C.

REF. COL 2
RÉF.

NAME OF PROPERTY BULLMOOSE-TECK
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - Gates Member.
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°08'30" Long. 121°31'00"
Lat. Long.

Mining Division Liard
Division minière

District
District

Peace River

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

Teck Corporation Limited

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The property is underlain in part by the Lower Cretaceous Gething, Moosebar, and Commotion Formations; the Gates member occurs in the lower part of the Commotion Formation. The dominant structural trend of the area is north-northwest with bedding attitudes ranging from 0 to a maximum of 75 degrees. In the north central part lies a broad asymmetrical syncline whose axis lies approximately 1.5 km east of Mount Chamberlain and can be traced south of West Bullmoose Creek. The eastern limb dips 15 degrees; the western limb dips as much as 75 degrees and forms the eastern limb of a tightly folded northwesterly trending anticline whose axis lies a short distance to the west of Mount Chamberlain. The explored area as a whole seems to be relatively free of major faulting.

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

The property is located on the southerly side of Bullmoose Mountain, astride West Bullmoose Creek, some 65 miles southwest of Dawson Creek.

Brameda Resources Limited began exploration for coal in the Sukunka-Bullmoose area in 1970. A large area was explored as a joint venture by Brameda and Teck Corporation Limited during subsequent years. Studies of the Gates Member indicated a potential for open pit coal and exploration began in 1975 on 15 licenses comprising the Bullmoose property. Exploration work into 1977 included 7,811 m of drilling in 83 holes and 260 m of drifts in 6 test adits. The drilling confirmed previous estimates of a minimum 40 million tons of open pit coal (Brameda Resources L., 1977 Annual Report).

In July 1977 Brameda and Teck sold 20 of the 25 jointly held coal licenses in the Bullmoose and Chamberlain coal areas to BP Canada Limited, retaining rights to all coal in the Gates coal measures that can be mined by open pit. In February 1979 Brameda (56% owned by Teck) amalgamated with a Teck subsidiary, Tecksub Limited, and The Yukon Consolidated Gold Corporation Limited into a new wholly owned Teck subsidiary, Amalgamated Brameda-Yukon Limited. Early in 1981 Teck Corporation Limited signed a 15 year agreement with Japanese interests for the sale of 1.7 million tons of coking coal per year, beginning in 1984.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1971, p. 502; 1972, p. 640, 1975, p. E 224; 1976, p. E 221; 1977, p. E 272.

*Bullmoose; Coal in British Columbia, p. 204, Coal Task Force, Victoria, B.C., 1976.

Minerals Sector; Corporation Files: "Brameda Resources Limited"; "Teck Corporation Limited".

Wallis, R.G. and Jordan, G.R.; The Stratigraphy and Structure of the Lower Cretaceous Gething Formation of the Sukunka River Coal Deposit in B.C.; The Canadian Institute of Mining and Metallurgy, Bulletin, March 1974, p. 143.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 19-1961, Dawson Creek, (Geol.), Sc. 1":4 miles - accomp. Paper 61-10, Geol. Surv. of Canada.

*Bullmoose, (Topo & Gates Member), Sc. 1":1.2 miles (approx.), Coal in British Columbia, p. 205, Coal Task Force, Victoria, 1976.

Map 93 P/4 E, Sukunka River, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date	02-81						