

PRODUCT PRODUIT	ASBESTOS	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 104 I/7 RÉGION DU S.N.R.C.	REF. ASB 1 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

KUTCHO CREEK (LETAIN)

OBJECT LOCATED - ore zone.
OBJET LOCALISÉ

UNCERTAINTY 700 m FACTEUR D'INCERTITUDE	Lat. 58°20'00"	Long. 128°43'40"
Mining Division Liard Division minière	District District	Cassiar
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

Cassiar Mining Corporation

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Map 29-1962 indicates this vicinity is underlain by sedimentary and igneous rocks of Upper Devonian and Lower Mississippian age.

On the property, cross-fibre chrysotile asbestos is found in veinlets concentrated in an area near the centre of an irregular northwest-trending lens of serpentized ultrabasic rock that is about $7\frac{1}{2}$ miles long and averages 1 mile wide.

The serpentine that contains fibre is generally medium to light green and weathers to a greyish pitted surface, the pits having been formed by the weathering-out of bastite crystals. Slickensided fractures are uncommon, but fractures filled with fibre veinlets are abundant. The fractures occur chiefly in two sets - one striking north 50 to 60 degrees east and dipping steeply northwestward, and the other striking north 30 to 40 degrees west and dipping nearly vertical.

The chrysotile veins range from microscopic to $1\frac{1}{4}$ inches wide, and most have one or more central partings. Because of the partings, the fibre length is normally much less than vein widths. Although the longest fibre seen was 1 inch long, very

see Card 2

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

The property is located at the 6,000 foot elevation about $2\frac{1}{2}$ miles northeast of Letain Lake, and some 50 miles east of the south end of Dease Lake.

The original claims were reportedly recorded in August 1955 by F. Letain, and W. Smitheringale, Engineer for Conwest Exploration Company Limited. Conwest did a limited amount of open cut work on the property in 1956. Later some diamond drilling and bulk sampling was carried out. Cassiar Asbestos Corporation Limited, by an agreement of August 30, 1957, optioned the property from Conwest; purchase of the property was completed in 1958. Cassiar in September 1958 incorporated a wholly owned subsidiary, Kutcho Creek Asbestos Company Limited, to develop the property. Crown-grants were issued for 28 claims (A, Bob, Rib, Ridge, Rex, Tent, Ton) in February 1960.

Work resumed on the property in 1966 and included geological mapping, 10 line-miles of ground magnetometer survey, 24,400 feet of bulldozer trenching, and 6 diamond drill holes totalling 3,277 feet in the main zone. The geophysical work and trenching disclosed two other mineralized zones lying approximately 600 feet from the main zone to the southeast and northwest, respectively. An additional 235 claims were staked to cover other potential areas in the vicinity. Further trenching, and the preparation of drill sites and a portal site, was carried out in 1970. The trenching indicated that the fibre content of the southeast and northwest anomalous zones was very low and not of commercial grade. In the main showing, the two zones which were thought to be separated by a band of waste have been shown by trenching to be one zone. Further exploration during 1977 and 1978 included surface diamond drilling in 19 holes totalling 5,215 metres. A substantial tonnage was confirmed (Cassiar 1978 Annual Report).

The company name was changed in 1980 to Cassiar Resources Limited. In April 1981 Cassiar amalgamated with Brinco Mining Limited under the latter name. In December 1985 Brinco Mining changed its name to Cassiar Mining Corporation; Consolidated Brinco held a 40% interest in 1986. Based on drilling in 1966 and 1978 the property has possible geological

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

reserves to the 1 600 m level of 15 700 000 tonnes of asbestos fibre grading 4.7% at a 3% cutoff. (Cassiar Mining Corporation Prospectus, 05/12/85).

REFERENCES/BIBLIOGRAPHIE

*McCammon, J.W.; Letain Asbestos; Report of Minister of Mines, British Columbia, 1960, pp. 128-130.

Reports of Minister of Mines, British Columbia: 1956, p. 148; 1966, p. 260.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 486; 1977, p. E 248; 1978, p. E 282.
 Policy
 Mineral Sector; Corporation Files: "Conwest Exploration Company Limited"; "Cassiar Asbestos Corporation Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 29-1962, Cry Lake, (Geol.), Sc. 1":4 miles.

#Letain asbestos showing, Fig. 15, Report of Minister of Mines, British Columbia, 1960, p. 129.

*Map 104 I, Cry Lake, (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR	DMacR				
Date Date	01-74	12-80	09-86				

PRODUCT ASBESTOS
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE British Columbia

N.T.S. AREA 104 I/7
RÉGION DU S.N.R.C.

REF. ASB 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ KUTCHO CREEK (LETAIN)

DESCRIPTION OF PROPERTY/DESCRIPTION DU GISEMENT (continued)
little was more than one-half inch long, and most was in the 1/8- to 1/4-inch range. The trenching and drilling in 1966 disclosed the presence of a fibre-bearing zone dipping at 50 degrees into the hillside with widths up to 300 feet and a length of 1,200 feet. Asbestos quality as determined by test milling of drill core is 64% AS, 19% AK and 17% AZ.