

PRODUCT  
PRODUIT TIN

PROVINCE OR  
TERRITORY

PROVINCE OU  
TERRITOIRE

British Columbia

N.T.S. AREA  
RÉGION DU S.N.R.C. 104 P/4

REF. SN 1  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ LANG CREEK

OBJECT LOCATED - showing 4 b, Fig. 16.  
OBJET LOCALISÉ

UNCERTAINTY 300 m Lat. 59°14'10" Long. 129°48'20"  
FACTEUR D'INCERTITUDE

Mining Division Liard District Cassiar  
Division minière

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

A unique vein-type occurrence, on the north bank of Lang Creek, consists of a 3 to 4-metre-wide replacement zone with pyrrhotite and arsenopyrite in a fault zone that separates Atan rocks, of Lower Cambrian age, from Cambrian and Ordovician Kechika black shales. A sample from this mineralized fault zone across a 3.3-metre width contains 2 ppm gold, 22 ppm silver, 0.11 per cent copper, 0.03 per cent lead, 0.005 per cent zinc, 0.04 per cent bismuth, and 1.5 per cent tin, all as cassiterite.

Associated minerals or products Gold, silver, copper, lead, zinc, bismuth.  
Minéraux ou produits associés

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

The occurrence is located on the north side of Lang Creek, about 4 miles southeast of Cassiar.

The occurrence was discovered in 1978 during geological mapping by the British Columbia Ministry of Energy, Mines and Petroleum Resources.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Geological Fieldwork, British Columbia Dept. of Mines:  
 1978, p. 57 (Paper 1979-1); 1079, p. 85 (Paper 1980-1).

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1110 A, McDame, (Geol.), Sc. 1":4 miles - accomp. Memoir  
 319, Geol. Surv. of Canada, 1963.

#Geology of the Cassiar map-area, Sc. 1 cm:1.25 km, Fig. 16,  
 Geological Fieldwork 1978, Paper 1979-1, p. 52, British  
 Columbia Dept. of Mines.

\*Map 104 P/4, Needlepoint Mountain, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	10/80						