

PRODUCT MOLYBDENUM  
PRODUIT

PROVINCE OR PROVINCE OU British Columbia  
TERRITORY TERRITOIRE

N.T.S. AREA 104 P/5  
RÉGION DU S.N.R.C.

REF. MO 1  
RÉF.

NAME OF PROPERTY STAR (LAMB MOUNTAIN)  
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - Intrusive contact.  
OBJET LOCALISÉ

UNCERTAINTY 500 m  
FACTEUR D'INCERTITUDE

Lat. 59°23'00" Long. 129°53'20"  
Lat. Long.

Mining Division Liard  
Division minière

District Cassiar  
District

County  
Comté

Township or Parish  
Canton ou paroisse

Lot  
Lot

Concession or Range  
Concession ou rang

Sec. Tp. R.  
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The Lamb Mountain occurrence is part of an extensive skarn zone formed in Lower Cambrian Atan Group carbonate rocks. Skarn with scheelite and greisen pods with molybdenite are found along the intrusive contact of a small fine-grained quartz monzonite porphyry stock. Mineralized skarn is close to the northern and western contacts of the stock but can be traced for at least 2 km to the south of the intrusion where skarn appears to be related to a small porphyry dyke that also carries some molybdenite. Skarn in the Atan unit displays lateral zoning. At the intrusive contact a magnetite-garnet tactite has formed; further from the contact garnet-pyroxene skarn with pyrrhotite lenses is present; and at some distance from the intrusive the skarn contains abundant tremolite. Some scheelite is present in the magnetite tactite and in pyrrhotite lenses in garnet-pyroxene skarn. Two chip samples across 3 metres from trenches in tactite assayed 0.2% WO<sub>3</sub>, 0.07% Cu, 0.01% Zn, 0.01% Sn.

Molybdenite is present in greisen pods for a distance of about 300 feet along the intrusive contact. The best inter-

see Card 2 ....

Associated minerals or products - Tungsten, copper, zinc, tin.  
Minéraux ou produits associés

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

The showings are located on the lower east slopes of Lamb Mountain some 6.5 miles north-northwest of the Cassiar townsite.

Fort Reliance Minerals Limited in November 1960 optioned the Star group of 12 claims. Work during 1961-62 included trenching and 6,988 feet of diamond drilling in 16 holes; the option was subsequently abandoned.

Reports of Minister of Mines, British Columbia:  
1961, p. 6; 1962, p. 6.

Geological Fieldwork, British Columbia Dept. of  
Mines: 1978, p. 56; 1979, p. 84.

Minerals Sector; Corporation Files: "Fort Reliance  
Minerals Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Geology of Cassiar Map-Area, Sc. 1 cm:1.8 km, Fig. 24,  
Geological Fieldwork, B.C. Dept. of Mines, 1979, p. 82.

Map 104 P/5, Cassiar, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	01-81						

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- Card 2 -

REF. MO 1  
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NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

STAR (LAMB MOUNTAIN)

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

sections in 1961-62 drilling were as follows:

<u>Drill Hole</u>	<u>Interval (ft.)</u>	<u>% MoS<sub>2</sub></u>
#2	24	0.17
#4	57	0.491
#5	42	0.835
#7	3.5	0.18