

PRODUCT MOLYBDENUM  
PRODUIT

PROVINCE OR PROVINCE OU  
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 104 M/13  
RÉGION DU S.N.R.C.

REF. MO 1  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

SILT

OBJECT LOCATED - Location from Culbert's report.  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 59°58'  
Lat.

Long. 135°37'  
Long.

Mining Division Atlin  
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

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The property is underlain mainly by medium to coarse grained alaskite of the Coast intrusions, which locally grades to leucocratic quartz monzonite. Occurring within the outcrop area of the granite is a strong colour anomaly due to the oxidation of very fine-grained disseminated pyrite, and a well-developed fracture zone five by one kilometre in extent, trending parallel to Primrose River. Widespread molybdenite occurs as medium to coarse disseminations in granite, as blebs and rosettes in quartz veinlets, and as blebs and streaks in fractures. Sphalerite, galena, chalcopyrite, cassiterite, and fluorite occur locally in the southern part of the property, mostly associated with fracture zones and quartz veinlets.

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

The property is located at elevations of 4,100 to 4,800 feet on the east side of Primrose River and extending north from Silt Lake, which is about 2.5 miles south of the Yukon border.

Kennco Explorations, (Western) Limited reportedly carried out a regional geochemical survey over the area in 1965 and examined some of the showings. Canadian Super Exploration Limited held the ground in 1970 as the Sue group and some work was apparently done by Archer Cathro & Associates Ltd.

The Silt-1 claim (20 units) was recorded in June 1978 and geological mapping, geochemical silt and rock sampling were carried out in August of that year. Orex Mines Ltd., a private company owned by M. and L. Jorgensen, of Vancouver, was incorporated in January 1980 to acquire the property. Helgena Mines Ltd. optioned the claim from Orex in December 1980.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Culbert, R.R.; Geological Report on the Silt-1 Mineral Claim, in Statement of Material Facts No. 68/81, Helgena Mines Ltd.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 19-1957, Bennett, (Geol.), Sc. 1":4 miles, Geol. Surv. of Canada.

Map 104 M, Skagway, (Topo.), Sc. 1":4 miles.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	05-81						