

PRODUCT  
PRODUIT MOLYBDENUM

PROVINCE OR  
TERRITORY PROVINCE OU  
TERRITOIRE

British Columbia

N.T.S. AREA  
RÉGION DU S.N.R.C. 103 I/15

REF. MO 1  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ BIG JOE

OBJECT LOCATED  
OBJET LOCALISÉ Centre of intrusive.

UNCERTAINTY  
FACTEUR D'INCERTITUDE 300 m. Lat. 54°57'30" Long. 128°50'30"

Mining Division  
Division minière Skeena District  
District Range 5 Coast

County  
Comté Township or Parish  
Canton ou paroisse

Lot  
Lot Concession or Range  
Concession ou rang

Sec  
Sect. Tp. R.  
Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Molybdenite mineralization is associated with a small Tertiary granodiorite stock which intrudes Upper Jurassic and (?) Lower Cretaceous greywacke and siltstone of the Bowser Group. The stock is elongate in a northeasterly direction and measures about 2,600' by 1,000'. The molybdenite occurs as selvages in quartz veins, as disseminations in aplite stringers and as coatings on fracture planes.

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

The showings are located at about the 1,500' elevation on the east side of the Cedar River some 32 miles north-northwest of Terrace.

Silver Standard Mines Limited optioned 32 recorded claims from E.R. Anderson and L. Remillong in 1966. Work in 1966-67 under a joint 50-50 venture with Homestake Mineral Development Company included geological mapping, a geochemical soil survey over four square miles and trenching. Several large geochemical anomalies were indicated but assays were not high enough to warrant further work and the option was dropped.

American Smelting and Refining Company held the Big Joe 1-106 claims in 1971 and carried out geological mapping, trenching, and 7,300' of percussion drilling in 42 holes on Big Joe 1, 13-15.

Reports of Minister of Mines, British Columbia:  
1966, p. 51; 1967, p. 53.

Geology Exploration and Mining; British Columbia Dept.  
of Mines: 1971, pp. 116-118†.

Mineral Policy Sector; Corporation Files: "Silver  
Standard Mines Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1136 A, Terrace, (Geol.), Sc. 1":4 miles - accomp.  
Memoir 329, Geol. Surv. of Canada, 1964.

# Geology of the Big Joe claims, Sc. 1": $\frac{1}{4}$  mile, Fig. 21,  
Geology, Explorations and Mining, 1971, p. 117.

\* Map 103 I/15, Kitsumkalum Lake, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date							