

PRODUCT COPPER  
PRODUIT

PROVINCE OR PROVINCE OU  
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 94 E/6  
RÉGION DU S.N.R.C.

REF. CU 1  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

CASTLE MOUNTAIN

OBJECT LOCATED - center of claim group.  
OBJET LOCALISÉ

UNCERTAINTY 300 m  
FACTEUR D'INCERTITUDE

Lat. 57°16'  
Lat.

Long. 127°07'30"  
Long.

Mining Division Omineca  
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

Mineralization occurs in a contact replacement zone in limestone varying in width from 5 to 40 feet, and averaging at least 15 feet. The important minerals are sphalerite, chalcopyrite, and galena, associated with magnetite and garnetite in altered limestone. Sampling of the exposure indicated low values. The mineralization is widespread. High-grade float has been found in the vicinity.

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

The Castle Mountain group of claims is located 20 miles northwest of the north end of Thutade Lake, some 140 miles northeast of Stewart.

Cominco Ltd. located the Castle Mountain group in 1931. Yearly assessment work for the period 1931-1933, inclusive, included prospecting, open cutting, and sampling. This work extended the mineralized areas but the grade was too low to be economic. The source of the high-grade float was not found. The Castle Mountain No. 1-No. 4 claims (Lots 6005, 6007-6009) were Crown-granted to The Consolidated Mining and Smelting Company of Canada Limited in 1935.

Associated minerals or products - Lead, zinc.  
Minéraux ou produits associés

**HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION**

**REFERENCES/BIBLIOGRAPHIE**

Mineral Policy Sector; Corporation Files: "Cominco Ltd." - Annual Reports, 1931, p. 20; 1933, p. 22.

Geology, Exploration, and Mining, British Columbia Dept. of Mines: 1971, pp. 64, 65.

**MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES**

Toodoggone River Area General Geology, Sc. 1":2 miles (approx.), Fig. 2, Geology, Exploration, and Mining, 1971, British Columbia Dept. of Mines; see also: Geology of Part of the Chappelle Claims, Sc. 1":2,000 feet, Fig. 3.

Map 94 E, Toodoggone River, B.C., (Topo.), Sc. 1:250,000.

**REMARKS/REMARQUES**

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| Comp./Rev. By<br>Comp./rév. par |       |  |  |  |  |  |  |
| Date<br>Date                    | 04-73 |  |  |  |  |  |  |