

PRODUCT PRODUIT	COPPER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 82 E/8 RÉGION DU S.N.R.C.	REF. CU 1 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

MOUNTAIN CHIEF

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°24'40" Long. 118°05'50"
Lat. Long.

Mining Division Trail Creek District Kootenay
Division minière District

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

This deposit, of the replacement type, occurs in altered silicified limestone within a large roof pendant surrounded by syenite of the Coryell intrusions. The mineralization consists of chalcopryrite and pyrite, with malachite, azurite, and chalcocite.

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

This property is located on the west side of Lower Arrow Lake about 1½ miles south of Renata. The main workings are on the Mountain Chief claim (Lot 5848) at about the 3,000 foot elevation on the east side of Dog Creek.

The Mountain Chief claim was Crown-granted in 1903 to P. McDonald, W. Ross and associates. Initial work on the property was done in open cutting. No further activity was reported until 1917 when the property, consisting of 4 claims and a fraction, namely the Mountain Chief, Morning Glory, Sunset, Calgary, and Morning Glory Fraction, was owned by N. McDaniels and associates. Mountain Chief Mining Company, Limited was formed in December 1928 to acquire and develop the property. Development work to 1920 included a large amount of stripping and open cutting, an inclined shaft 110 feet deep with a level at 50 feet driven northerly 36 feet, from which an inclined raise was driven to connect with a surface trench. An aerial tram 3,250 feet long was erected in 1919. The company ceased operations in 1919 due to lack of funds and the property reverted to the owners, N. McDaniel and associates. The owners resumed work on the showings in the summer of 1922 and some sorted ore was shipped from open cuts; most of the ore shipped from the property came from a large surface trench.

The property was idle from 1922 until acquired by Renata Copper Company, Limited, which was formed in January 1954. In the latter part of 1955 the property was optioned to United Estella Mines Ltd. and about 400 feet of diamond drilling was done in 4 holes from the shaft and the 50 foot level; the option was dropped after this work. The Renata Copper Company charter was surrendered in 1962.

Associated minerals or products - Silver.
Minéraux ou produits associés

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa
Secteur de la politique minérale, ministère de l'Énergie, des Mines et des Ressources, Ottawa
502174 *

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1917 to 1922 inclusive, 1,086 tons of ore were shipped from this property. From this ore 3 ounces of gold, 2,592 ounces of silver, and 75,830 pounds of copper were recovered.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:
1918, p. 192; 1919, p. 140; 1922, p. 210; 1927,
p. 328; 1955, p. 66.

Mineral Policy Sector; Corporation Files: "Mountain
Chief Mining Company, Limited"; "United Estella
Mines Ltd.".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 6-1957, Kettle River, B.C., (Geol.), Sc. 1":4 miles.

Map 82 E/8 E, Renata, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

Date
Date

03-68

BCI 82 E/SE - 105