

PRODUCT COPPER  
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 92 I/2  
RÉGION DU S.N.R.C.

REF. CU 4  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

QUILCHENA (GUICHON), SUNNY BOY

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 50°08'30" Long. 120°30'40"  
Lat. Long.

Mining Division Nicola District  
Division minière

Kamloops

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

Quilchena Mining & Development Co. Ltd.,  
815 Hastings St.,  
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation consists of basaltic volcanic flows and breccias of the Upper Triassic Nicola Group. In the vicinity of the workings these rocks strike northerly and dip steeply westward. They are intruded by dykes of feldspar porphyry which strike about N45°W and dip steeply northeastward. Granitic rocks of the Coast intrusions outcrop about a mile to the southwest. A number of vein shears strike northwest and dip northeast at angles between 40 and 85 degrees; a few veins dip southwest at high angles. The veins are believed to represent tension cracks resulting from movement along a large northerly striking vertical fault which occurs in the vicinity of Quilchena Creek valley. The mineralization consists of quartz veins and stringers in narrow shears. The quartz is erratically mineralized with bornite and chalcopyrite and with sparse hematite which veins the sulphides.

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

This property, consisting of about 74 claims, is located on the west side of Quilchena Creek about a mile south of Nicola Lake. The property includes the Guichon, Sunny Boy, and Joe groups.

The "Guichon" group, consisting of the Frinsbury (Lot 3837), Ingersoll, Last Post, Ensign, Camperdown, Quilchena, and Tete Rouge Crown-granted claims was located in 1910 by the late C.O. Wickenden, pioneer architect of Vancouver who spent many years until his death in 1934 developing it with his own funds. A local syndicate acquired the property in 1938 and development was continued until wartime conditions forced a shutdown.

Guichon Mine Ltd. was formed late in 1945 to acquire and work the property. An additional 12 claims were located and development work was carried on until about 1948.

The early development work consisted of 7 short adits, having an aggregate length of 670 feet, and several open cuts. In 1946 and 1947 an adit crosscut was driven 1,390 feet, and from the face 1,000 feet of diamond drilling in 4 holes was done.

Quilchena Mining & Development Co. Ltd., incorporated in 1961, acquired a lease on the 7 Crown-granted claims, together with 12 claims and related fractions on the north and east boundaries thereof, from Guichon Mine Ltd.; the 16 claim Sunny Boy group and the 44 claim Joe group were acquired also. Geo-physical surveys, trenching and diamond drilling has been carried out intermittently since 1962.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Annual Reports, Dept. of Mines, B.C.: 1945, p. 90;  
 1946, p. 122; 1949, pp. 120-124; 1961, p. 46;  
 1962, pp. 56-59; 1963, p. 54.

Mineral Policy Sector; Corporation Files: "Guichon Mine  
 Ltd."; "Quilchena Mining & Development Co. Ltd."

Cockfield, W.E.; Geology & Mineral Deposits of Nicola  
 Map-Area, B.C.; Memoir 249, p. 131, Geol. Surv. of  
 Canada, 1948.

Carolina Mines & Tornado Development Corp. Ltd.,  
 Prospectus Aug. 1972.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 886 A, Nicola, B.C., (Geol.), Sc. 1":4 miles - accomp.  
 Mem. 249.

Map 92 I, Ashcroft, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	11-65						

BCI 92I/SE-49,138