

PRODUCT COPPER
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 82 M/8
RÉGION DU S.N.R.C.

REF. CU 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

STANDARD BASIN

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 51°22'40"
Lat.

Long. 118°15'
Long.

Mining Division
Division minière

Revelstoke

District
District

Kootenay

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

Two large sill-like intrusions of greenstone are separated by a broad band of crystalline limestone and schists. The average strike of the sediments is a little west of north and the dip varies from 20° to 40° east. The greenstone in places is converted to a mixture of talc, carbonates of iron magnesium and calcium, with or without veins and irregular bodies of green chromium mica. The ore occurs only in the greenstone, along shear zones or as replacement bodies that parallel the general strike and dip of the formation. Quartz and a little calcite accompany the ore minerals which consist of chalcopyrite, pyrrhotite and pyrite. Some small bodies of fairly pure chalcopyrite have been found.

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

This property is located on the east side of Standard Peak at the head of Standard Creek, a northeast flowing tributary of Downie Creek. The workings lie between elevations of 6,600 and 7,200 feet.

Part of the 20 claim group was staked in 1897 and the remainder of the claims were located in 1898. The Boston and B.C. Copper Mining & Smelting Company carried out development work on the property in 1899. The Prince Mining & Development Company Limited of Revelstoke began development work on the property in 1900 and work continued into 1906. Eighteen of the 20 claims and fractions, including the Standard claim (Lot 6944), were Crown-granted in 1906. The property remained closed from 1906, with the exception of a small amount of development work reported in 1912. The property was sold for taxes to R. Abernethy of Marpole in 1917.

Development work done on the property consists of some 2,000 feet of tunnels and raises on 5 principal levels, and numerous open cuts.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Gunning, H.C.; Geology & Mineral Deposits of Big Bend Map-Area, B.C.; Summary Report, 1928, Pt. A, pp. 162-165, Geol. Surv. of Canada.

Annual Reports, Dept. of Mines, B.C.: 1899, p. 671; 1900, p. 809; 1902, p. 139; 1904, p. 115; 1905, p. 151; 1906, p. 137; 1921, pp. 155-156.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 237 A, Big Bend Area, B.C., (Geol.), Sc. 1":4 miles -
 accomp. Summary Report 1928, Pt. A.

Map 82 M/8 W, Downie Creek, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	02-60						