

PRODUCT LEAD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE British Columbia

N.T.S. AREA 104 N/12
RÉGION DU S.N.R.C.

REF. PB 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

PETTY, DUNDEE

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Atlin
Division minière

County
Comté

Lot
Lot

Sec
Sect.

Lat. 59°38'
Lat.

Township or Parish
Canton ou paroisse

Concession or Range
Concession ou rang

Tp.
Ct.

Long. 133°56'
Long.

District
District Cassiar

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rock consists of andesite and andesite tuffs, diorite and quartz diorite porphyries. The vein, or veins, strike N30°E and dip about 40° to the northwest. On the Petty group the vein has been traced for about 100 feet. It varies from 6 inches to 2 feet in width and consists mainly of quartz and calcite irregularly mineralized with galena and chalcopyrite. In addition several other mineralized fissures occur in places on both sides of this main fissure and within distances of 1 to 2 feet from each wall and the rock between them is slightly mineralized with galena and chalcopyrite. The vein on the Dundee group is very similar and may be an extension of the Petty vein. It differs in that it is lens shaped and for 10 to 15 feet has a thickness ranging from 1 to 2½ feet. The wall-rock is also slightly mineralized.

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

This property is located on the southeast slope of Table Mountain, some 9 miles northwest of Atlin.

The Petty group of 2 claims was owned by Mr. Ira Petty. The Dundee group of two claims, northeast of and adjoining the Petty group, was owned by the British Crown Gold and Copper Mining Company, Limited. Most of the development work was done prior to 1911. On the Petty group the workings consist of an open cut, and an inclined shaft 90 feet deep. The Dundee workings consist of two open cuts, and 2 crosscut tunnels, having lengths of 20 and 150 feet, neither of which reached the vein.

The Pelton group, adjoining to the northeast, reportedly shows very little mineralization.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Cairnes, D.D.; Portions of Atlin District, British Columbia; Memoir 37, pp. 106-109, Geol. Surv. of Canada, 1913.

Reports of Minister of Mines, British Columbia: 1904, p. 92; 1907, p. 52.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1082 A, Atlin, B.C., (Geol.), Sc. 1":4 miles - accomp. Memoir 307.

Map 94 A, Taku Arm, B.C., (Geol.), Sc. 1":4 miles - accomp. Memoir 37.

Map 104 N/12 W, Atlin, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

British Crown Gold & Copper Mining Company, Limited was incorporated in British Columbia in 1909; the company charter was surrendered in 1914.

Comp./Rev. By Comp./rév. par							
Date Date	09-68						