

PRODUCT
PRODUIT MANGANESE

PROVINCE OR
TERRITORY PROVINCE OU
TERRITOIRE

British Columbia

N.T.S. AREA 92 P/4
RÉGION DU S.N.R.C.

REF. Mn 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ MARBLE RANGE

OBJECT LOCATED geographic
OBJET LOCALISÉ

UNCERTAINTY 4 000 m
FACTEUR D'INCERTITUDE Lat. 51°08'50" Long. 121°42'39"

Mining Division Clinton District
Division minière District

County Comté Township or Parish
Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

Sec. Sect. Tp. Ct. R. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

As indicated on Map 1278 A, the area is underlain by Permian limestone, chert and minor argillite of the Marble Canyon Formation, Cache Creek Group. At the showing, argillite is in fault contact with overlying quartzite; the fault is accompanied by clay alteration. The quartzite over a width of about 20 feet adjacent to the fault is cut by quartz stringers and impregnated with black manganese in the form of nodules and irregular masses. Manganese is also concentrated near fracture planes where the rock is in many places altered to clay. The ore minerals are psilomelane, manganite and pyrolusite. A sample across the lower 15 feet of quartzite adjacent to the fault assayed 7.57 % manganese, 82.57 % silica and 0.018 % phosphorus.

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

The showings are located on the east slope of and about 100 feet below the summit of a hill which is one of the foothills of the Marble Range, some 10 km northwest of Clinton and 3 km north of Clinton Creek.

Claims were staked on pyrolusite and manganite showings in this vicinity in 1898.

W. Murray, of New Westminster in 1918, owned a claim covering manganese showings which were exposed in an open cut 38 feet long by 4 feet wide and from 5 feet to 7 feet deep.

+Reinecke, Leopold; Mineral Deposits between Lillooet and Prince George; Memoir 118, p. 95, Geol. Surv. of Canada, 1920.

Report of Minister of Mines, British Columbia: 1898, p. 1099.

Campbell, R.B., Tipper, H.W.; Geology of the Bonaparte Lake Area; Memoir 363, p. 89, Geol. Surv. of Canada, 1971.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1278 A, Bonaparte Lake, (Geol.), Sc. 1: 250 000, accomp. Memoir 363.

Map 92 P/4, Clinton, (Topo.), Sc. 1: 50 000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	01-88						