

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 2  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ CUTOFF VALLEY CREEK (CLINTON MANGANESE)

OBJECT LOCATED  
OBJET LOCALISÉ geographie

UNCERTAINTY 1 000 m  
FACTEUR D'INCERTITUDE Lat. 51°04'10" Long. 121°39'

Mining Division Clinton District  
Division minière District

County Township or Parish  
Comté Canton ou paroisse

Lot Concession or Range  
Lot Concession ou rang

Sec. Tp. R.  
Sect. Cr. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

#### DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The host rock is mainly chloritic and quartzitic schists of the Permian Marble Canyon Formation, Cache Creek Group, locally cut by a diorite porphyry dyke. A stratigraphic thickness of about 50 feet of manganiferous rock, mainly cherty quartzite and schists with interbedded cherty layers, contains thin films of black manganese oxides along fracture surfaces and pyrolusite in stringers up to 3/4 inch wide. A sample across 10 feet of the best mineralization assayed 15.8 % manganese. The source of the manganese is not definite, although the colour of the rock suggests the presence of rhodonite.

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

The occurrence is located on a small northerly trending ridge on the west side of Cutoff Valley creek, some 5 km south-west of Clinton.

Claims covering this occurrence were held in the mid 1940's by L.T. Olson, of Clinton; trenching was reported.

121604

+Report of Minister of Mines, British Columbia: 1948, p. 91.

Campbell, R.B. and 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						