

PRODUCT PRODUIT	IRON	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 92 0/3 RÉGION DU S.N.R.C.	REF. FE 4 RÉF.
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NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

FORREST (WHALE MOUNTAIN)

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Mining Division  
Division minière

Clinton

County  
Comté

Lot  
Lot

Sec  
Sect.

Lat. 51°05.5'  
Lat.

District  
District

Township or Parish  
Canton ou paroisse

Concession or Range  
Concession ou rang

Tp.  
Ct.

Long. 123°18'  
Long.

Lillooet

R.  
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Deposits of limonite occur at a number of localities in the country drained by the headwaters of Taseko River. They consist of sheets made up of thin layers of brown, cellular and generally loose-textured limonite lying parallel to the surface on which they rest. The iron is derived from the weathering of finely divided pyrite in silicified and sericitized tuffs. The rocks underlying the deposits consist of an assemblage of basaltic flows and pyroclastics, intruded by quartz-diorite porphyry sills and dykes which overlies unconformably quartz diorite of the Coast Range batholith. The Forrest deposit covers an irregular area estimated at 302,000 square feet. Of this area, 100,000 feet is estimated to have a depth of 8 to 9 feet and the remainder a depth of 2 feet.

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

The Forrest deposit is situated between elevation 5,600 and 5,900 feet, about ½ mile east of Taseko River, 13 miles above Taseko Lake. It is said that deposits in this area were first staked in 1909. Several test pits and trenches have been sunk on this deposit and the greatest thickness of limonite proved was between 8 and 9 feet.

MacKenzie (1920, p. 63), estimates the deposit to contain 81,450 tons. Crossland (1920, p. 180), on the other hand, gives an estimate of 647,500 tons of positive and probable ore. Assays range from 44.0 to 51.0% iron.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

- MacKenzie, J.D.; The Limonite Deposits in Taseko Valley, British Columbia; Sum. Rept., 1920, Pt. A, pp. 42-70, Geol. Surv. of Canada.
- Crossland, F.J.; Taseko Valley Iron-Ore Deposits; Annual Report, 1920, pp. 175-181, Dept. of Mines, B.C.
- Brewer, W.M.; Taseko Valley Iron-Ore Deposits; Annual Rept., 1919, pp. 241-249, Dept. of Mines, B.C.
- Young, G.A., and Uglow, W.L.; The Iron Ores of Canada, Vol. 1, Econ. Geol. Series No. 3, pp. 106-108, Geol. Surv. of Canada, 1926.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

- Map 29-1963, Taseko Lakes, (Geol.), Sc. 1":4 miles.
- Map 1842, Forrest Group Limonite Deposits, (Geol.), Sc. 1":400' - accomp. report by MacKenzie, 1920.
- Map 1849, Taseko River Area, (Geol.), Sc. 1":3,000' - accomp. report by MacKenzie, 1920.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	11-63						

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