

PRODUCT  
PRODUIT

MANGANESE

PROVINCE OR  
TERRITORY

PROVINCE OU  
TERRITOIRE

British Columbia

N.T.S. AREA 92 E/1  
RÉGION DU S.N.R.C.

REF. Mn 1  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

VARGAS ISLAND (MN)

OBJECT LOCATED showing on Fig. 6  
OBJET LOCALISÉ

UNCERTAINTY 1 000 m  
FACTEUR D'INCERTITUDE

Lat. 49°11'30"  
Lat.

Long. 126°00'  
Long.

Mining Division Alberni  
Division minière

District  
District

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

A lateritic-manganese iron showing occurs in a band of cherty ferruginous sheared sediments of the Mesozoic Pacific Rim Complex. The rocks are weathered to a depth of 3 to 4 m and contain much limonite and some pyrolusite which form films on shear planes. Assays have indicated less than 15 % Mn.

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

The showings are located at less than 50 feet elevation in a low swampy area on Vargas Island, about 3 km from the north shore and some 8 km northwest of Tofino.

The manganese occurrence was discovered in about 1920 by Mr. Hovelaque, of Clayoquot. Limited work included sampling, which produced a maximum assay of about 15 % manganese.

Vargas Mines Ltd. acquired the 58 claim Mn group in 1968. Work reported in 1969 included geological mapping, a geochemical soil survey over 20 claims, and 500 feet of X-ray diamond drilling in 3 holes on Mn 1.

+Muller, J.E., et al; Geology and Mineral Deposits of Nootka Sound Map Area, Vancouver Island; Paper 80-16, pp. 46, 49, Geol. Surv. of Canada.

Exploration in British Columbia; BCDM: 1969, p. 217.

Dolmage, V.; West Coast of Vancouver Island between Barkley and Quatsino Sounds; Summary Report 1920, pt. A, p. 22, Geol. Surv. of Canada.

## MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1537 A, Nootka Sound, (Geol.), Sc. 1: 250 000, accomp. Paper 80-16.

#Map of metalliferous deposits and showings, Fig. 6, Paper 80-16, p. 40.

Map 92 E/1, Bartlett Island, (Topo.), Sc. 1: 50 000.

Map 92 F/4, Tofino, (Topo.), Sc. 1: 50 000.

## REMARKS/REMARQUES

BCI 92 E-41

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	02-88						