

PRODUCT MANGANESE
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 103 K/2
RÉGION DU S.N.R.C.

REF. MN 1
RÉF.

NAME OF PROPERTY SHAG ROCK (KLASHWUN POINT)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - showing.
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 54°08'55"
Lat.

Long. 132°39'20"
Long.

Mining Division Skeena
Division minière

District
District

Queen Charlotte

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

Tertiary basaltic lavas of the Masset Formation and porphyritic andesite sills of Cape Knox type here strike north to northeast and dip 15 to 20 degrees eastward. The lavas are cut by a north-trending fault, on the east of which the lavas are underlain by dark-grey shale and buff calcareous shale to sandstone of about 75 feet thickness. The affiliation of these rocks is unknown, but they resemble Skidegate Formation to some degree. The fault strikes north 15 degrees east, subparallel to the shore, and dips about 80 degrees eastward. It is filled with 5 to 15 feet of volcanic fault breccia that is cemented by variable amounts of manganite. Fragments in the breccia are angular and as much as 2 feet across, although commonly the large fragments are only 6 to 8 inches across. Fragments range downward in size from these dimensions to a few millimetres: still smaller sizes were not seen. Veinlets of manganite also extend into the volcanic rocks of the west wall of the fault.

The fault and the showings are exposed along the shore for about 550 feet from the beach near the Indian reservation northward to where the shore trends sharply to the West. The

p.t.o.

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

The property is located at Klashwun Point, at the north end of Graham Island, Queen Charlotte Islands. The showings occur along the shoreline for about 500 feet, just north of Indian Reserve 13.

Two claims were located on the showing in 1955 by Joseph Pauloski. He shipped a 200 pound sample to the Mines Branch, Ottawa in 1961; the sample assayed 23.47% manganese.

In 1965 the property consisted of 17 recorded claims held under the name Naden Harbour Manganese Ltd. During May 1965 Falconbridge Nickel Mines Limited took out bulk samples of the order of 150 to 200 tons of fresh material and drilled 254 feet in two packsack diamond-drill holes. The positions of the holes did not provide conclusive results. One hole may have penetrated the fault zone; the other hole intersected it at a narrow locality, although the breccia lens adjacent on the surface is large. A visual estimate of tonnage and grade is 15,000 tons at 15% Mn (BCDM, Mineral Deposit Inventory, 103 F-1).

The property was held in 1980 as the Shag 1-2 claims (35 units) by Glen White, of Richmond. Work included a geochemical soil survey comprising 220 samples.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

fault is a large regional structure, but the breccia filling is quite lensoid. The best showings appear to be in the northern third of the exposure. Large hand specimens may be taken that contain as much as 50 per cent manganese. At the northern end, where the breccia outcrops boldly like a dyke, one of the higher-grade lenses, about 8 feet high by 50 feet long by 5 feet wide, is estimated to contain between 20 and 30 per cent manganese.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:
1960, p. 11⁺; 1965, p. 68.

† Brown, A. Sutherland; Geology of the Queen Charlotte Islands; Bulletin No. 54, p. 218, British Columbia Dept. of Mines, 1968.

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy: 1961, Investigation Report IR 61-47.

Exploration in British Columbia; BCDM: 1980, p. 539.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

#Geology of the Queen Charlotte Islands, Sc. 1:125,000, Fig. 5, Sheet C - accomp. Rept. by Brown.

Map 1385 A, Skeena River, (Geol.), Sc. 1:1,000,000, Geol. Surv. of Canada, 1979.

*Map 103 K/2 E, Jalun River, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	11-80						