

PRODUIT
PRODUIT NICKEL

PROVINCE OR
TERRITORY PROVINCE OU
TERRITOIRE British Columbia

N.T.S. AREA
RÉGION DU S.N.R.C. 103 B/6

REF.
RÉF. NI 1

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ JOHNSON NICKEL

OBJECT LOCATED
OBJET LOCALISÉ - showing

UNCERTAINTY FACTEUR D'INCERTITUDE 250	Lat. Lat. 52°24'50"	Long. Long. 131°21'40"
Mining Division Division minière Skeena	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

The area is geologically complex because it is within the belt of braided faults of the Louscoone Inlet-Rennell Sound fault zone. Argillites of the Kunga Formation have been intruded by small heterogeneous diorite stocks and later gabbro dykes and plugs and cut by the north-northwesterly faults. An outcrop about 18 feet in diameter consists of gabbro mineralized with pyrrhotite, chalcopyrite, and bravoite with minor nickeliferous minerals. The showings contained about 1 per cent nickel and 1 per cent copper.

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

The property is located at the northwestern end of Burnaby Island. The original discovery lies in the bottom of the westernmost north-flowing creek, about 600 feet from the shore.

The showing was apparently discovered by a Nick Johnson, who staked 2 claims. Silver Standard Mines Limited and Jedway Iron Ore Limited, a subsidiary of The Granby Mining Company Limited, optioned the 2 claims and staked an additional 138 claims. Joint exploration of the property was carried on from January 3rd to June 5th, 1963, and included geological mapping, magnetometer, electromagnetic, and geochemical soil surveys, trenching, and 1,852 feet of packsack diamond drilling in 30 holes. The diamond drilling showed the original discovery was confined to a small pocket. The geophysical work located other bodies of similar mineralization, none of which were considered to be large enough to warrant further work.

Brown, A. Sutherland; Geology of the Queen Charlotte Islands; Bulletin No. 54, pp. 216, 220, British Columbia Dept. of Mines, 1968.

Mineral Policy Sector; Corporation Files: "Silver Standard Mines Limited" (Annual Reports 1963, 1964); "The Granby Mining Company Limited".

Reports of Minister of Mines, British Columbia: 1963, p. 18.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

†Geology of the Queen Charlotte Islands, Sc. 1:125,000, Fig. 5, Sheet A - accomp. Bulletin No. 54.

*Map 103 B/6 W, Jedway, (Topo.), Sc. 1:50,000.

Sheet 103 B-C, (MI), #16, 18, Moresby Island, Mineral Inventory Map, Sc. 1:250,000, British Columbia Dept. of Mines.

REMARKS/REMARQUES

BCI 103 B - C - 16
- 18

Comp./Rev. By Comp./rév. par	LJ						
Date Date	06/75						