

PRODUCT IRON
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 92 L/7
RÉGION DU S.N.R.C.

REF. FE 1
RÉF.

NAME OF PROPERTY NIMPKISH (KLAANCH)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - showing.
OBJET LOCALISÉ

UNCERTAINTY 1,000 m FACTEUR D'INCERTITUDE	Lat. 50°15'20" Lat.	Long. 126°51'20" Long.
Mining Division Nanaimo Division minière	District District	Rupert
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 formation consists of limestone of the Quatsino formation intruded by a large mass of granodiorite. The rock of the contact zone is mostly fine grained and medium to dark green. This contact metamorphic deposit appears to be a replacement of the greenstone and, possibly, to a lesser extent of limestone. Skarn, consisting of garnet and epidote, is developed in the greenstone. The ore occurs in three concentrations in the northwest trending contact zone over a distance of about 600 feet. The most southerly and northerly of the three orebodies are small; the central body is a larger U-shaped mass with granodiorite in the core. The orebodies range from 150 to 200 feet in depth. The magnetite is dense and fine grained, and small amounts of pyrite, pyrrhotite, and chalcoppyrite are found as irregular masses throughout the ore.

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

The property consists of a single northwest trending row of claims lying along the west side of the Nimpkish (Klaanch) River about 7 miles from the south end of Nimpkish Lake.

The showing was discovered and staked in 1897 by Messrs. Haslow, Mathers & Stark. The property was developed by yearly assessment work until 1904 when two of the claims were Crown granted. A magnetic survey was done on the property in 1908 by E. Lindeman of the Mines Branch, Ottawa.

No further work was done on the property until it was acquired by Nimpkish Iron Mines Ltd. in 1954. About 8,000 feet of diamond drilling was completed during 1954-55. An estimated 1,800,000 tons of ore grading 46.2% iron and 1.33% sulphur were outlined. The property was developed as an open pit operation. Milling commenced in November 1959. Mining of all orebodies was completed in 1963.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1959 to 1963, 2,392,094 tons of ore were mined. From this ore 1,384,982 tons of iron concentrates were shipped.

REFERENCES/BIBLIOGRAPHIE

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Young, G.A., and Uglow, W.L.; The Iron Ores of Canada, Vol. 1: British Columbia and Yukon; Economic Geology Series No. 3, pp. 64-65, Geol. Surv. of Canada, 1926.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1029 A, Nimpkish, Vancouver Island, B.C., (Geol.), Sc. 1": 1 mile - accomp. Mem. 272.

Map 92 L/7, West Half, Nimpkish, B.C., (Topo.), Sc. 1:50,000.

Fig. 14, Geology of the Iron Crown (Klaanch) deposit, Sc. 1": 100 feet - accomp. Bulletin 172.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	LJ					
Date Date	08-64	04-75					