

PRODUCT
PRODUIT

IRON

PROVINCE OR
TERRITORY

PROVINCE OU
TERRITOIRE

British Columbia

N.T.S. AREA 92 L/2
RÉGION DU S.N.R.C.

REF. Fe 3
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

ARTLISH, HILLER

OBJECT LOCATED Hiller #4 Grid zone
OBJET LOCALISÉ

UNCERTAINTY 400 m
FACTEUR D'INCERTITUDE

Lat. 50°05'40" Long. 126°51'40"
Lat. Long.

Mining Division
Division minière

Alberni

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

The showings lie along a northwesterly trending contact between Coast Intrusions and Upper Triassic Karmutsen Group volcanics, Quatsino Formation limestone and Bonanza Group volcanics. Contact metamorphic magnetite-bearing skarn zones occur as irregular structurally controlled masses. The mineralization usually includes some pyrite, and chalcopyrite may be present in significant amounts.

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

The property straddles the divide between the Kaouk basin and upper Artlish River about 6½ miles north of Zeballos, Vancouver Island.

Four magnetite zones with indicated tonnage and grade have been located along a northwesterly trend over a distance of 3.5 miles. Three of the zones are included in this property; the fourth is the Churchill property (92 L/2, Fe 2) which adjoins to the southeast.

The Artlish group of 4 claims (subsequently identified as the Hiller #2 grid), owned by Olaf Skogland, of Zeballos, was optioned in about 1961 by Utah Construction and Mining Company. Work in 1961-62 included a geophysical survey and 2,500 feet of diamond drilling in 14 holes; the claims were subsequently acquired by Falconbridge Limited.

The Hiller claims, adjoining the Artlish group on the NW, SW, and SE, were acquired in the early 1960's by Falconbridge Limited. Work in 1964-66 on the combined Artlish-Hiller groups included geological mapping, a magnetometer survey and 17,189 feet of diamond drilling in 53 holes, including 14,133 feet on the Hiller #4 grid, 2,600 feet on the Hiller #8 grid, and 50 feet on the Hiller #2 grid. Reserves are reported as follows:

Lat	Long	Zone	Tons	Grade % FE
50°05'40"	126°51'40"	Hiller #4 Grid	3,700,000	35.9
50°05'10"	126°50'50"	Hiller #2 Grid	700,000	30-40
50°06'30"	126°53'	Hiller #8 Grid	300,000	30-40

(Kermeen, 1987)

Falconbridge in 1985 carried out combined airborne magnetometer, electromagnetic and VLF-EM surveys over the entire property.

Footwall Explorations Ltd. optioned the property in October 1987. Geochemical sampling indicated no significant gold values associated with the magnetite zones. The initial work was directed mainly towards a gold showing on Hiller 25-28 claims (see 92 L/3, Au 35).

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Reports of Minister of Mines, British Columbia; 1962, p. 103;
1966, p. 73; 1965, p. 232.

Muller, Northcote, and Carlisle; Geology and Mineral Deposits
of Alert-Cape Scott Map-area; Paper 74-8, pp. 60, 62,
Geol. Surv. of Canada, 1974.

Kermeen, J.S.; A Report on the Hiller-Churchill Group of
Mineral Claims, 01/12/87, in Footwall Explorations
Ltd. Prospectus, 24/05/88.

Exploration in British Columbia; BCDM: 1986, p. C275

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1028 A, Woss Lake, (Geol.), Sc. 1": 1 mile - accomp.
Memoir 272, Geol. Surv. of Canada.

#Claim map and Index to Grid locations, Figures 87-5-2 and
87-5-4, Report by Kermeen.

Magnetite properties, north central Vancouver Island,
Figure 6, Report of Minister of Mines, 1962, p. 97.

*Map 92 L/2, Woss Lake (Topo.), Sc. 1: 50 000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	07-88						