

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

ORECAN (IRON MIKE) (HARTT)

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Mining Division  
Division minière

Nanaimo

County  
Comté

Lot  
Lot

Sec  
Sect.

Lat. 50°19'  
Lat.

District  
District

Township or Parish  
Canton ou paroisse

Concession or Range  
Concession ou rang

Tp.  
Ct.

R.  
R.

Long. 125°58'  
Long.

Sayward

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Oreca Mines Ltd.,  
519, 355 Burrard St.,  
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation consists of limestone, basalt, and tuffs, intruded by granitic rocks and gabbro. Massive and disseminated magnetite occurs principally with the tuffs and is accompanied by skarn alteration. Information to mid 1965 indicates a flat lying orebody with a fairly constant thickness of 34 feet, a known east-west length of 1,000 feet, and extending into the mountain in a north-south direction for at least 200 feet. The grade so far indicates a mine run material of 45% iron carrying negligible impurities.

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

The property is located about 4 miles southwest of Sayward and 3 miles west of the junction of the White and Salmon Rivers.

Mineralization was discovered at the 1,300 foot elevation on a steeply rising mountainside by prospector R. Hartt in 1959 and 17 claims, including the Iron Mike, Iron Jim, and Iron Mac, were staked. An option was given to Marwell Construction Co. Ltd. in 1960 and 19 diamond drill holes, totalling 1,926 feet, were put down. The option was dropped the following year and Hartt and associates resumed prospecting. During the year 2,100 feet of diamond drilling was done in 24 holes. A small amount of stripping and X-ray diamond drilling was done in 1962.

Inter-Can Development Co. Ltd. leased the property in 1963 and a program of stripping and diamond drilling begun. The decision was reached to prepare for production and Oreca Mines Ltd., incorporated in September 1964, was assigned the lease on the 36 claim property. Prospecting of the two main anomalies was continued with some 5,000 feet of X-ray and BX wire-line drilling early in 1965. Dip needle surveys indicated ten anomalies, however, the original concept of the deposit as two or more separate orebodies has been replaced, after more and closer diamond drilling, as one large flat-lying orebody. Part of the orebody will be mined by open pit methods and the balance by underground work.

A 1,000 ton mill was under construction early in 1965 with production scheduled for late in the year. A contract was arranged for the sale of 1,000,000 tons of 62% iron concentrate to the Japanese market.

Ore reserves, early in August 1965, were estimated at two million tons of which 1,300,000 tons constituted proven and reasonably assured ore grading 43.3% iron and 700,000 tons of indicated ore of similar grade.

## HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

## REFERENCES/BIBLIOGRAPHIE

Mineral Policy Sector; Corporation Files: "Orecan  
Mines Ltd."

Annual Reports, Dept. of Mines, B.C.: 1960, p. 104;  
1961, p. 91; 1962, p. 96; 1963, p. 99; 1964,  
p. 152; 1965, pp. 225-227; 1966, p. 68.

Western Miner: August 1965, p. 45.

## MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 92 K/5 W, Sayward, B.C., (Topo.), Sc. 1:50,000.

## REMARKS/REMARQUES

Comp./Rev. By  
Comp./rév. par

Date  
Date

09-66

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