

PRODUCT IRON
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 92 J/2
RÉGION DU S.N.R.C.

REF. FE 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

IRON KING

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 50°07'30" Long. 122°59'20"
Lat. Long.

Mining Division Vancouver District
Division minière

District New Westminster

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 underlying formation consists of gray to green schistose rocks which weather brown and in places contain considerable pyrite. Three small limonite deposits, having a maximum thickness of 10 feet but thinning out on all sides, have been worked. They take the form of blankets or thin lenses at the surface of the ground, being covered only by humus and vegetation. The limonite is generally loose and earthy near the surface, but grades into fairly dense compact material a few feet lower. The ore ranges from 40-50% iron, 0.2 to 1.6% sulphur, 0.1 to 3.3% phosphorus, and 1 to 5% silica.

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

The principal exposure of iron ore occurs about half a mile west of the north end of Alta Lake.

The showings were staked by W.J. McClure in 1910 and subsequently acquired by J.H. Thompson and associates. Eight claims, including the Iron King (Lot 3402) and Empress (Lot 3407), were Crown-granted to Mr. Thompson prior to 1918. Shipping of iron ore was begun in 1918, the property at this time being owned by J.H. Thompson and Dr. J.G. Davidson.

Most of the iron ore shipped was used for gas desulphurization at the Vancouver and Victoria gas plants of the British Columbia Electric Company; the company acquired the property in 1945.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

More than 7,300 tons of limonite were reported mined up to the end of 1947.

REFERENCES/BIBLIOGRAPHIE

Annual Reports, Dept. of Mines, B.C.: 1918, p. 294; 1946, p. 121; 1947, p. 214.

Camsell, C.; Reconnaissance Along the Pacific Great Eastern Railway Between Squamish & Lillooet; Summary Report 1917, Pt. B, p. 21, Geol. Surv. of Canada.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1711, Squamish-Lillooet, (Geol.), Sc. 1"=4 miles - accomp. Summary Report 1917, Pt. B.

Map 92 J, Pemberton, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	05-66						

BCI 92J/56-15

PRODUCT
PRODUIT

PROVINCE OR
TERRITORY

PROVINCE OU
TERRITOIRE

N.T.S. AREA
RÉGION DU S.N.R.C.

OLD

REF.
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

PRODUCT

IRON(Limonite,
Bog Iron)

PROVINCE

BRITISH COLUMBIA

MAP SQUARE B.8.

No. 92 J/2

NAME OF PROPERTY

IRON KING

DEVELOPMENT WORK

NEAREST POST OFFICE

Alta Lake

50° 12' 5W

Quarry

LOCATION

Mining Division Vancouver

District ~~Alta Lake~~

NEW WESTMINSTER

County

Township or Parish

Concession or Range, and Lot
King Group

Morning Star Claim of Iron

L.S.

Sec.

Tp.

R.

Equipped
Not equipped

OWNERS OR OPERATORS AND ADDRESS

B.C. Electric Railway Company, Limited

PRODUCTION

Mined intermittently since 1918.

1945 - 397 tons

1946 - 341 "

Material shipped

Date of first shipment

TRANSPORTATION

Shipping point Rainbow Sta. (P.G.E.Ry)

Distance from mine $1\frac{1}{2}$ mi.

Carrier

Destination Vancouver

DESCRIPTION OF DEPOSIT

Ore or substance Limonite

MAP REFERENCES

General and district maps

Character of Deposit Occurs in patches on hillside and is exposed in widths up to 300 ft. and 10 ft. in depth.

Country Rock

Detail maps, plans, sections

Associated minerals of value

121107

BIBLIOGRAPHY

REMARKS

B.C. Dept of Mines

1946: p.121

83, p 102

Used for purification of illuminating gas by B.C. Electric Co., Vancouver.

W.R. McC.
Jan 3, 1948.