

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ OLALLA (DIEF) (IRON KING)

OBJECT LOCATED - Mine symbol, Map 82 E/5
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat.	49°16'40"	Long.	119°53'10"
Lat.		Long.	

Mining Division Osoyoos
Division minière

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

Permian age manganiferous cherts of the Shoemaker Formation contain a thick jasper unit which is a bed of conglomerate with both pebbles and matrix replaced by chert. The bed strikes N40°W, dips 47°NE and is terminated by a fault. The manganese occurs as rhodonite in fractures in the jasper and, in the vicinity of the fault, as secondary silicates and oxides. Chip samples (1942) across widths of 4 to 12 feet assayed from 5.4 to 9.5 % Mn. Assays of float samples assayed up to 43.6 % MnO₂ or 27.5 % Mn.

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

The showings are located at about 5 000 feet elevation on the south side of the ridge separating Olalla Creek from its west fork, some 50 km south east of Princeton.

Old trenches and claim posts noted by Cockfield (1942) indicate previous activity on the showings. In the spring of 1942 the showings were re-staked by D.J. McRae, of Vancouver, as the Pete and Jerry claims. Toronto interests under the name "Olalla Manganese Mining Company" held the property in late 1942. The ground was re-staked in May 1949 by S.J. Fairclough, of Chilliwack, as the Iron King 1 and 2 claims; the old trenches were cleaned out. In June 1950, the showings were re-staked by T. McQuillan, of Vancouver, as the Donny group.

The Olalla 1-8 claims were staked on the showings in October 1955 by W.W. Geminder, of Vancouver. Olalla Mines Ltd. was incorporated to develop the property. The company drove 196 feet of drift in one adit and shipped several bulk samples for test purposes.

Qominco Ltd. held the property in 1961-62 as the Dief 1-2 claims. Work included geological mapping, and 493 feet of diamond drilling in 5 holes.

Lacana Mining Corporation held the showings in 1986 as the OL 2-3 claims; work included a geochemical survey comprising 190 soil samples.

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HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Test shipments in 1956 totalled 40 tons of ore. From this ore 16 tons of manganese were recovered.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1949, p. 132; 1955, p. 42; 1956, p. 73; 1961, p. 59; 1962, p. 63 +.

Exploration in British Columbia; BCDM: 1986, p. C29.

Manganese Occurrences in Canada, Geol. Surv. of Canada, Paper 64-37, p. 21.

Cockfield, W.E.; Olalla Creek Manganese Deposit, 11/12/1942, in Commodity File 167-M2-2-4.

Western Miner: Vol. 22, No. 6, June 1949, p. 59; Vol. 24, No. 3, March 1951, p. 47.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 15-1961, Kettle River (W $\frac{1}{2}$), (Geol.), Sc. 1": 4 miles, Geol. Surv. of Canada.

Map 628A, Olalla, (Geol.), Sc. 1": 1 mile, Geol. Surv. of Canada, 1941.

#Map 82 E/5, Penticton, (Topo.), Sc. 1: 50 000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	12-87						