

NAME OF PROPERTY **SMUGGLER MANGANESE (REXSPAR)**

OBJECT LOCATED - showing - from descriptive data.

UNCERTAINTY IN METRES 400. Lat. 51°34'30" Long. 119°54'40"

Mining Division **Kamloops** District **Kamloops**

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

A surficial deposit of wad manganese has been found over a considerable area, occurring as a subsoil deposit to a reported depth of from 3 to 8 feet. The material is extremely heterogeneous, comprising mainly rock fragments in a light to dark brown earthy ground mass consisting largely of limonite with small localized patches of wad. Assays of a representative bulk sample showed manganese values far below commercial grade. Higher on the hillside occurs a zone of altered rock containing some manganese-bearing minerals which may have been the source of the manganese oxides.

HISTORY OF EXPLORATION AND DEVELOPMENT

The surficial deposit of manganese is located at approximately the 3,500 foot elevation on the east side of Foghorn Creek, $1\frac{3}{4}$ miles south of Birch Island.

The ground was held as part of the Smuggler property from 1925 by the Smuggler Hill Development Company, Limited. The initial activity was directed towards the search for lead-zinc mineralization (see: 82 M/12, Ref. PB 2). In 1929, due to the failure to find additional lead-zinc showings of interest, attention was turned to the manganese occurrence. A number of test pits were dug during 1929 and 1930. Following inquiries that indicated a limited market for the manganese some expenditures were made in 1931 in improving the access road but no shipments were made. The company charter was surrendered in 1946.

The manganese showings were acquired as part of a much larger property by Rexspar Uranium & Metals Mining Co. Limited in 1951. Claims covering the showings were Crown-granted, probably in part as Lots 5393 and 5395 (Rex 25 and Jane No. 2 Fr.). In 1957 a 1,000 foot long bulldozer trench was dug across the main manganese showing to obtain a representative bulk sample.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1929, p. 224 ++ ; 1930, p. 193; 1931, p. 107.

Hanson, G.; Manganese Deposits of Canada; Economic Geology Series No. 12, p. 114, Geol. Surv. of Canada, 1932.

Walker, J.F.; Clearwater River and Foghorn Creek Map-Area, Kamloops District, British Columbia; Summary Report 1930, Pt. A, pp. 147, 148, Geol. Surv. of Canada.

Mineral Development Sector; Corporation Files: "Rexspar Uranium & Metals Mining Co. Limited" - Annual Report, 1957.

Concentration Tests on a Sample of Wad Manganese Bearing Material from Birch Island, B.C.; Report IR 58-53, Mines Branch, Ottawa, 1958. +

MAP REFERENCES

Map 48-1963, Adams Lake, (Geol.), Sc. 1":4 miles.

#Map 82 M/12 W, Vavenby, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	6-76						