

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

BLACK PRINCE (SHAW CREEK)

OBJECT LOCATED
OBJET LOCALISÉ

Mn occurrence on Map Fig. 2

UNCERTAINTY 1000 m
FACTEUR D'INCERTITUDE

Lat. 49°00'10" Long. 124°25'40"

Mining Division Division minière	Victoria	District District
County Comté		Township or Parish Canton ou paroisse
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

Manganese occurs in highly folded red and white cherty tuffs of the Palaeozoic Sicker Group as irregular lenses which appear to follow bedding. Some of the lenses are coated with hard, black, siliceous oxides to a depth of 1 or 2 feet. Open cuts and outcrops expose scattered manganese mineralization over an area about 100 feet wide and 300 feet long. Analyses of manganese silicates and siliceous oxides from several of these lenses range from 14 to 30 per cent manganese. Flotation tests at Mines Branch, Ottawa in 1940 showed that the samples contained pyrolusite, rhodochrosite and rhodonite, the oxide, carbonate and silicate of manganese. The manganese is often extremely finely divided and intimately associated with a highly siliceous gangue. The test work produced a concentrate containing approximately 34 % manganese with only 50 per cent recovery.

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

The property is located at about 550 m elevation near the head of Shaw Creek, some 40 km west-southwest of Nanaimo and 9 km north of the west end of Cowichan Lake.

The showings were discovered and staked in 1918 as the Black Prince, Black Prince No. 2 and Black Prince No. 3 claims by C.H. Dickie, of Duncan, and associates. Some trenching and stripping was carried out. In 1939, trainees of the Dominion-Provincial Mining Training Project cleaned out and extended trenches. Samples were tested at the Mines Branch, Ottawa, in 1919 and 1940.

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Report of Minister of Mines, British Columbia: 1918, p. 297.

Fyles, J.T.; Geology of the Cowichan Lake Area; Bulletin No. 37, p. 69, BC Dept. of Mines, 1955.

Mackenzie, G.C.; Cowichan Manganese; Munitions Resources Commission, Final Report, 1920, p. 92.

Mines Branch, of the Department of Mines, Ottawa, 1920; Summary Report, Dec. 31, 1919, Sessional Paper No. 26a, p. 59, Test No. 106.

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy 1940, Investigation No. 848.

Hanson, G.; Manganese Deposits of Canada; Economic Geology Series No. 12, p. 117, Geol. Surv. of Canada, 1932.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

#Geological Map of the Cowichan Lake Area, Sc. 1": 1 mile, accomp. Bulletin No. 37, BC Dept. of Mines, 1955, (Fig.2)

*Map 92 F/1, Nanaimo Lakes, (Topo.), Sc. 1: 50 000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	01-88						