

NAME OF PROPERTY

PRINCE'S

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 250.

Lat. 50°37'15" Long. 127°46'30"

Mining Division Nanaimo

District Rupert

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

## DESCRIPTION OF DEPOSIT

The area is underlain by Jurassic Bonanza volcanics.

The showings are hydrothermally altered, pyritized andesites and basalts. They lie on the border of swampy basins as iron bogs and on hill sides as limonite.

One trench showed along its side, measured from the surface down, 4 to 6 inches of surface mould, 18 inches of yellowish glacial drift with rock fragments cemented by limonite, 12 inches of indurated limonite consisting largely of replaced vegetation or peat, 10 inches of soft, wet, yellowish, clayey limonite, followed by hard, gritty, blackish, sandy drift.

Thicknesses from a few inches to 6 feet were noted, but it was reported that in one place a thickness of 18 feet had been obtained by drilling. The greatest depth has been found in the vicinity of two creeks on the Eagle and Sunrise claims.

The material in many places is clean. Some of the outcrops show a mixture with country rocks, transported during the wet season. The limonite has then been precipitated between them to form a kind of 'ore breccia'. In the swamps the ore is associated with peat, in layers of varying sizes.

One assay obtained gave values of 56.97% iron, 0.447% sulphur, 0.038% phosphorous and 1.40% insoluble material. Another assay (from the Sunrise claim) gave values of 54.46% iron, 0.15% sulphur, 0.038% phosphorous, and 2.32% insoluble material.

Associated minerals or products of value

## HISTORY OF EXPLORATION AND DEVELOPMENT

92 L/12 FE2

The claims are located from 200 to 400 feet elevation, near Youghpary Creek, on the north side of Holberg Inlet, 8 miles west of Coal Harbour.

The showings were discovered in 1902 by Messrs. Frank, Croft, and others. The thirteen claims, including the Eagle and Sunrise claims, were held by the Iron Mountain Syndicate of Victoria in 1902.

The property, consisting of thirty-six claims, was sold to J. Moore and W. Pigott of Seattle in 1905. Work done in 1906 included cutting, trenching, and sinking of shafts up to 14 feet deep.

120692

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

REFERENCES

- Reports of Minister of Mines, British Columbia: 1902, p. 206; 1903, p. 202; 1905, pp. 212-213; 1906, p. 183; 1907, p. 149; 1916, p. 295.
- Muller, Northcote, and Carlisle; Geology and Mineral Deposits of Alert-Cape Scott Map-area; Paper 74-8, pp. 57, 61, Geol. Surv. of Canada, 1974.
- Lindeman, E.; "Iron Ore Deposits of Vancouver and Texada Islands"; Mines Branch, Dept. of Mines, Canada, Pub. No. 42, 1910, pp. 17-18.
- Lindeman, E., and Bolton, L.L.; "Iron Ore Occurrences in Canada"; Mines Branch, Dept. of Mines, Canada, Pub. No. 217, Vol. II, 1917, pp. 13-14.
- Young, G.A., and Uglow, W.L.; The Iron Ores of Canada, Vol. 1: British Columbia and Yukon, Economic Geology Series No. 3, pp. 28-29, Geol. Surv. of Canada, 1926.
- British Columbia Dept. of Mines, Bulletin No. 3, 1917, pp. 28-29.

MAP REFERENCES

- Map 4-1974, Alert Bay-Cape Scott, (Geol.), Sc. 1:250,000 - accomp. Paper 74-8, Geol. Surv. of Canada, 1974.
- #Mines and Mineral Occurrences of Alert Bay-Cape Scott area, Sc. 1:250,000, Fig. 15 - accomp. Paper 74-8, Geol. Surv. of Canada, 1974.
- \*Map 92 L/12 W, Quatsino, (Topo.), Sc. 1:50,000.
- Map 1734 G, Quatsino, (Aeromag.), Sc. 1":1 mile.

REMARKS - see 92 L/12, <sup>FE 1</sup>

The literature makes reference to a showing seven miles east of the Prince's claims or one mile west of Coal Harbour with similar geology. It does not name the property.

Comp./Rev. By	LJ						
Date	10-75						