

NAME OF PROPERTY **SLATECHUCK**

OBJECT LOCATED -showing.

UNCERTAINTY IN METERS 300.      Lat. 53°13'35"      Long. 132°15'15"

    Mining Division    Skeena                      District    Queen Charlotte

    County                      Township or Parish

    Lot                              Concession or Range

    Sec                              Tp.                              R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The coal is found to be in three seams within the Queen Charlotte Group. A thickness of slaty shales intervenes between the coal and the underlying volcanic rocks of the Yakoun Formation. The coal, which occurs in streaks and lenticles in a soft black carbonaceous shale, is a brilliant hard, anthracitic looking material. Also, in alternating layers, is a crushed dull, somewhat lustreless variety of coal.

HISTORY OF EXPLORATION AND DEVELOPMENT

The showing is located at an elevation of 1,000 feet in the vicinity of Skidegate inlet, 6 miles west of Maude Island.

In 1912 an adit was driven for 727 feet across the coal measures by The British Pacific Coal Company, Limited. Reserves were estimated at 3,300,000 long tons. A 1912 sample was analysed to contain: water, 6.85%; volatile matter, 5.43%; fixed carbon, 66.32%; ash, 21.40%; sulphur, 0.20%.

The brilliant hard, anthracitic-looking material was analysed to contain: water, 2.3%; volatile matter, 3.8%; fixed carbon, 90.8%; ash, 3.1%.

A preliminary estimate of probable mineable reserves by Mackay for the Royal Commission on Coal, in 1946, was 11,200,000 tons.

HISTORY OF PRODUCTION

REFERENCES

Brown, A. Sutherland; Geology of the Queen Charlotte Islands; Bulletin No. 54, p. 177, British Columbia Dept. of Mines, 1968.

Dowling, D.B.; Coal Fields of British Columbia; Memoir 69, pp. 144, 146, 149, 156, Geol. Surv. of Canada, 1915.

+Mackenzie, J.D.; Geology of Graham Island, British Columbia; Memoir 88, pp. 17, 121, Geol. Surv. of Canada, 1916.

Reports of Minister of Mines, British Columbia; 1902, p. 55; 1906, pp. 80, 82; 1923, pp. 23, 41.

Report of the Royal Commission on Coal, pp. 51, 641, Ottawa, 1946.

MAP REFERENCES

Geology of the Queen Charlotte Islands, Sc. 1:125,000, Fig. 5, Sheet B - accomp. Bulletin No. 54.

#Sheet 103 F, (MI), Graham Island, Preliminary Mineral Inventory Map, Sc. 1:250,000, British Columbia Dept. of Mines.

\*Map 103 F/1 W, Skidegate Channel, (Topo.), Sc. 1:50,000.

REMARKS

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| Comp./Rev. By | LJ   |  |  |  |  |  |  |
| Date          | 6-75 |  |  |  |  |  |  |