

PRODUCT	COAL	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	103 K/1	REF. COL 1
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NAME OF PROPERTY	SKONUN POINT					
OBJECT LOCATED -showing.						
UNCERTAINTY IN METERS	300.	Lat. 54°01'42"	Long. 132°03'30"			
Mining Division	Skeena	District	Queen Charlotte			
County		Township or Parish				
Lot		Concession or Range				
Sec	Tp.	R.				

OWNER OR OPERATOR AND ADDRESS						
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DESCRIPTION OF DEPOSIT
 Thirteen beds of woody lignite occur, of which nine are exposed, with an aggregate thickness of about 20 feet in some 200 feet of shale in the upper non-conglomerate part of the Skonun Formation. The beds occur in a faulted west plunging moderately compressed anticline. The quality of the lignite is fair since the ash is low and the lignite is strong and does not slack on exposure.

HISTORY OF EXPLORATION AND DEVELOPMENT
 Skonun Point is located on the northeast coast of Graham Island 4 miles east of Masset.
 In 1910, The Queen Charlotte Islands Collieries, Limited, was incorporated for the purpose of acquiring, developing and working 38,400 acres of coal measures situated near Masset Inlet.
 In 1913, the American-Canadian Coal Company, Limited, drilled an inclined bore-hole to a depth of 1,000 feet. Analysis from an air dried sample from the thickest seam gave these results: water, 11.03%; volatile matter, 49.75%; fixed carbon, 35.94%; ash, 3.28%; coke, 39.22%; and a fuel ratio of 0.72. Reserves were estimated in 1913 at 60,000,000 long tons.
 A preliminary estimate of probable mineable reserves by Mackay for the Royal Commission on coal, in 1946, was 67,200,000 tons.
 In 1958 detailed drilling was done by Richfield Oil Corporation of Canada Ltd.
 Shell Canada Limited investigated the property in the mid 1960's.

Associated minerals or products of value

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa

513409 *

HISTORY OF PRODUCTION

REFERENCES

Brown, A. Sutherland; Geology of the Queen Charlotte Islands; Bulletin No. 54, pp. 120-127, 178, British Columbia Dept. of Mines, 1968.

Clapp, C.H.; A Geological Reconnaissance on Graham Island, Summary Report, 1912, pp. 16, 38-39, Geol. Surv. of Canada.

Dawson, G.M.; Queen Charlotte Islands; Reports of Progress, 1878-1879, p. 86-B, Geol. Surv. of Canada.

Mackenzie, J.D.; Geology of Graham Island, British Columbia; Memoir 88, pp. 18, 156-158, Geol. Surv. of Canada, 1916.

Reports of Minister of Mines, British Columbia; 1902, p. 55.

Mineral Development Sector; Corporation File: "The Queen Charlotte Islands Collieries, Limited".

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 C - 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 K/1 E, Masset, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	LJ						
Date	6-75						

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