

PRODUCT	COAL	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	103 F/1	REF. COL 2
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NAME OF PROPERTY COWGITZ

OBJECT LOCATED—showing.  
 UNCERTAINTY IN METERS 300. Lat. 53°13'10" Long. 132°15'50"  
 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 occurs in a lenticular vertical seam within black argillites and sandstones of the Queen Charlotte Group. The seam is repeated by faulting and is not far above the underlying Yakoun volcanics. The greatest thickness is 6 feet with an average thickness of 3 feet. The coal is a bright semi-anthracite, high in ash.

HISTORY OF EXPLORATION AND DEVELOPMENT  
 The showing, located at an elevation of 1,000 feet near the headwaters of Hooper creek in the vicinity of Skidegate inlet, was discovered in 1859.  
 In 1865, the showing was opened up along a 6 foot seam by the Queen Charlotte Coal Mining Company, Limited. The property was abandoned in 1872.  
 In 1912 the caved workings were examined by The British Pacific Coal Company, Limited.  
 Analysis of the 6 foot seam showed: water, 1.60%; volatile matter, 5.02%; fixed carbon, 83.09%; ash, 8.76%; sulphur, 1.53%; and a fuel ratio of 16.5.  
 A preliminary estimate of probable mineable reserves by Mackay for the Royal Commission on coal, in 1946, was 3,360,000 tons.

Associated minerals or products of value

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

513385 \*

HISTORY OF PRODUCTION

REFERENCES

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

Clapp, C.H.; A Geological Reconnaissance on Graham Island; Summary Report 1912, pp. 15, 30-32, 37, Geol. Surv. of Canada.

Dawson, G.M.; Queen Charlotte Islands; Reports of Progress, 1878-1879, p. 71-B, Geol. Surv. of Canada.

Dowling, D.R.; Coal Fields of British Columbia; Memoir 69, pp. 146, 147, 157, Geol. Surv. of Canada, 1915.

Ells, R.W.; Report on the Geology of Graham Island; Annual Reports, New Serials, Vol. 16, 1904, Pt. B, p. 31, Geol. Surv. of Canada.

Mackenzie, J.D.; Geology of Graham Island, British Columbia; Memoir 88, pp. 17, 120-121, Geol. Surv. of Canada, 1916.

Reports of Minister of Mines, British Columbia: 1902, pp. 55, 56; 1906, p. 79; 1907, p. 74.

Richardson, J.; (1873): Coal fields of Vancouver and Queen Charlotte Islands; Reports of Progress, 1872-1873, pp. 57, 63, Geol. Surv. of Canada.

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

Comp./Rev. By	LJ						
Date	6-75						

BCT 103 F-17