

MANITOBA PEAT BOGS.

Description.	Litter Bog.* 2 miles from Point Dubois, Secs. 33-34, Tp. 15, R. 14 E. of principal meridian.	Mud Lake Bog.* 3 miles from Point Dubois, Secs. 28 & 33, Tp. 15, R. 14 E. of principal meridian.	Rice Lake Bog.* 7½ miles from Point Dubois, Secs. 25-26, Tp. 15, R. 13 E. of principal meridian.		Boggy Creek Bog.* 12 miles from Point Dubois, Secs. 29-32, Tp. 15, R. 13 E. of principal meridian.	
Sample No.	134	139	147	148	135	136
Moisture condition (see note p. 3)	D	D	D	D	D	D
Loss on air-drying	6	.....	.....	.....	.....	.....
Results obtained by Proximate analysis:—						
Moisture	6	.....	.....	.....	.....	.....
Ash	6	7.7	56.1	31.8	8.3	28.6
Volatile matter	6	66.1	69.1	34.8	51.1	65.0
Fixed carbon	6	26.2	23.2	9.1	17.1	26.7
Ultimate analysis:—						
Carbon	6	.....	.....	.....	.....	.....
Hydrogen	6	.....	.....	.....	.....	.....
Ash	6	.....	.....	.....	.....	.....
Sulphur	6	0.2	.....	.....	.....	.....
Nitrogen	6	1.6	1.5	1.8	2.4	2.5
Oxygen	6	.....	.....	.....	.....	.....
Calorific value:—						
Calories per gram, gross...	5,050	4,870	.....	.....	4,850	.....
B. Th. U. per lb., gross...	9,090	8,760	.....	.....	8,730	.....
Fuel ratio	0.40	0.34	0.26	0.33	0.41	0.35
Carbon-Hydrogen ratio .....	.....	.....	.....	.....	.....	.....
Coking properties .....	.....	.....	.....	.....	.....	.....
Hoffmann potash test .....	.....	.....	.....	.....	.....	.....
Location in mine	All prospect.					
Kind of sample	All by A. Anrep, Mines Branch, Ottawa.					
Quality of coal	During summer of 1911.					
Taken by						
Date of sampling						
Remarks	*Bog traversed by City of Winnipeg Construction Railway.					