

New Brunswick Peat Bogs.

Description.	Sawley Cove bog, near Pennfield, Charlotte county.			Bogs near Pennfield, Charlotte county.			
				Hunter bog.*		Pocologan bog.*	
Sample No.	1178	1179	1180	1181	1182	1183	1184
Moisture condition (see note, p. 2)....	D	D	D	D	D	D	D
Loss on air-drying..... $\frac{G}{A}$	.....	.....	.....	.....	.....	.....	.....
Proximate analysis:—							
Moisture..... $\frac{G}{A}$	.....	.....	.....	.....	.....	.....	.....
Ash..... $\frac{G}{A}$	3.4	13.3	31.6	3.1	2.4	2.3	2.2
Volatile matter..... $\frac{G}{A}$	64.4	58.9	47.7	66.9	66.8	65.9	66.8
Fixed carbon..... $\frac{G}{A}$	32.2	27.8	20.7	30.0	30.8	31.8	31.0
Ultimate analysis:—							
Carbon..... $\frac{G}{A}$	.....	.....	.....	.....	.....	.....	.....
Hydrogen..... $\frac{G}{A}$	.....	.....	.....	.....	.....	.....	.....
Ash..... $\frac{G}{A}$	.....	.....	.....	.....	.....	.....	.....
Sulphur..... $\frac{G}{A}$	1.1	1.1	1.1	0.3	0.3	0.3	0.3
Nitrogen..... $\frac{G}{A}$	1.0	1.4	1.7	1.1	1.1	1.0	1.0
Oxygen..... $\frac{G}{A}$	.....	.....	.....	.....	.....	.....	.....
Calorific value:—							
Calories per gram, gross.....	5230	4910	4650	5270	5390	5330	5380
B. Th. U. per lb., gross.....	9420	8840	7290	9490	9710	9600	9690
Fuel ratio.....	0.50	0.47	0.43	0.45	0.46	0.48	0.46
Carbon-Hydrogen ratio.....	.....	.....	.....	.....	.....	.....	.....
Coking properties.....	.....	.....	.....	.....	.....	.....	.....
Location in bog.....	.....	.....	.....	.....	.....	From depth of over 10 ft.	General sample.
Kind of sample.....	Prospect.						
Taken by.....	A. Anrep, Mines Branch.						
Date of sampling.....	Summer of 1917.						
Remarks.....	*Bogs traversed by the Canadian Pacific Railway.						