

Quebec Peat Bogs.

Description.	Napierville bog, Napierville county.			St. Isidore bog, La Prairie, Chateauguay and Napierville counties.	Holton bog,* Chateauguay, Napierville and Huntingdon counties.	Large Tea Field bog; near Huntingdon, Huntingdon county.		Small Tea Field bog; near Huntingdon, Huntingdon county.	
	941 D	942 D	943 D	528 D	527 D	198 D	199 D	200 D	201 D
Sample No.	941	942	943	528	527	198	199	200	201
Moisture condition (see note, p. 2)	D	D	D	D	D	D	D	D	D
Loss on air-drying..... ^{°C}									
Proximate analysis:—									
Moisture..... ^{°C}									
Ash..... ^{°C}	11.4	11.4	3.7	6.8	13.4	5.6	5.0	4.7	8.1
Volatile matter..... ^{°C}	61.1	60.1	66.6	61.6	59.3	65.2	65.8	64.9	64.2
Fixed carbon..... ^{°C}	27.5	28.5	29.7	31.6	27.3	29.2	29.2	30.4	27.7
Ultimate analysis:—									
Carbon..... ^{°C}									
Hydrogen..... ^{°C}									
Ash..... ^{°C}									
Sulphur..... ^{°C}	0.4	0.4	0.4	0.4	1.2				
Nitrogen..... ^{°C}	2.4	2.1	1.9	2.0	2.5	1.6	2.0	1.7	2.0
Oxygen..... ^{°C}									
Calorific value:—									
Calories per gram, gross.....	4,670	4,720	5,210	4,960	4,740	5,160	5,290	4,970	5,310
B. Th. U. per lb., gross.....	8,400	8,490	9,380	8,920	8,530	9,290	9,530	8,940	9,550
Fuel ratio.....	0.45	0.47	0.45	0.51	0.46	0.45	0.44	0.47	0.43
Carbon-Hydrogen ratio.....									
Kind of sample.....	Prospect.								
Taken by.....	A. Anrep, Mines Branch.								
Date of sampling.....	Summer of 1916..... Summer of 1914..... Summer of 1912.								
Remarks.....	*Bog traversed by Grand Trunk railway.								