

Ontario Peat Bogs.

Description.	Marsh Hill bog, Ontario county.								
	459	460	461	462	463	464	465	466	467
Sample No.	459	460	461	462	463	464	465	466	467
Moisture condition (see note, p. 2)	D	D	D	D	D	D	D	D	D
Loss on air-drying %									
Proximate analysis:—									
Moisture. %									
Ash. %	11.1	10.2	11.5	10.9	11.0	10.8	17.0	17.4	14.2
Volatile matter %	61.0	61.5	61.1	61.6	60.0	61.8	59.1	59.4	62.1
Fixed carbon. %	27.9	28.3	27.4	27.5	29.0	27.4	23.9	23.2	23.7
Ultimate analysis:—									
Carbon. %									
Hydrogen. %									
Ash. %									
Sulphur. %						0.8			
Nitrogen. %	2.0	2.1	2.0	2.4	2.0	2.4	2.2	2.1	2.4
Oxygen. %									
Caloric value:—									
Calories per gram, gross.	4,590	4,580	4,430	4,530	4,560	4,540	4,330	4,290	4,470
B. Th. U. per lb., gross.	8,270	8,240	7,980	8,150	8,200	8,180	7,800	7,730	8,050
Fuel ratio.	0.46	0.46	0.45	0.45	0.48	0.44	0.40	0.39	0.38
Carbon-Hydrogen ratio.									
Kind of sample.	Prospect.								
Taken by.	A. Anrep, Mines Branch.								
Date of sampling.	Summer of 1913.								
Remarks.	Bog traversed by Grand Trunk railway.								