

Miscellaneous Samples.

Description.	Typical anthracite Coal as sold in the Province of Ontario.									
Sample No.	1249		1226		1247		1232		1236	
Moisture condition (see note, p. 2)	R	D	R	D	R	D	R	D	R	D
Loss on air-drying	%		%		%		%		%	
Results obtained by	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.
Proximate analysis:—										
Moisture	%	3.1	%	1.7	%	2.5	%	3.1	%	5.9
Ash	%	14.3 14.8	%	15.4 15.6	%	16.5 16.9	%	15.4 15.9	%	12.4 13.2
Volatile matter	%		%		%		%		%	
Fixed carbon	%		%		%		%		%	
Ultimate analysis:—										
Carbon	%		%		%		%		%	
Hydrogen	%		%		%		%		%	
Ash	%		%		%		%		%	
Sulphur	%	0.8 0.9	%		%	1.1 1.1	%		%	
Nitrogen	%		%		%		%		%	
Oxygen	%		%		%		%		%	
Calorific value:—										
Calories per gram, gross		6,870 7,090				6,660 6,830				
B. Th. U. per lb., gross		12,360 12,760				11,980 12,290				
Fuel ratio										
Carbon-Hydrogen ratio										
Coking properties										
Date	1917-1918		1917-1918		1917-1918		1917-1918		1917-1918	
Size	Furnace		Egg		Stove		Chestnut		Screenings	
No. of samples represented	5		5		6		6		7	