

Miscellaneous Samples.

Description.	Typical anthracite coal as sold in the Province of Ontario.													
	688		690		811		813		812		826		901	
Sample No.	688		690		811		813		812		826		901	
Moisture condition														
(see note, p. 2)	R	D	R	D	R	D	R	D	R	D	R	D	R	D
Loss on air-drying. %	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.
Results obtained by														
Proximate analysis:—														
Moisture. %	3.1		5.2		3.9		3.8		3.8		8.9		8.9	
Ash. %	12.9	13.3	18.7	19.8	11.2	11.7	12.4	12.9	12.0	12.5	7.4	8.1	14.6	16.0
Volatile matter. %														
Fixed carbon. %														
Ultimate analysis:—														
Carbon. %														
Hydrogen. %														
Ash. %														
Sulphur. %	0.9	0.9	0.7	0.7	0.8	0.8	0.8	0.8	0.9	1.0	0.8	0.9	0.7	0.8
Nitrogen. %														
Oxygen. %														
Calorific value:—														
Calories per gram, gross.	6,980	7,210	6,160	6,500	7,000	7,290	6,850	7,120	6,930	7,200	6,620	7,260	6,180	6,780
B. Th. U. per lb., gross.	12,570	12,970	11,090	11,700	12,610	13,120	12,330	12,810	12,470	12,950	11,910	13,070	11,120	12,210
Fuel ratio.														
Carbon-Hydrogen ratio.														
Coking properties.														
Date.	1915-1916		1915-1916		1916-1917		1916-1917		1916-1917		1916-1917		1916-1917	
Size.	Furnace.		Birdseye.		Furnace.		Egg.		Stove.		Birdseye.		Birdseye.	
No. of samples represented.	5		1		12		9		7		1		1	