

SASKATCHEWAN COAL FIELDS.

Wood Mountain Area.

Description.	From a well. Sec. 21, Tp. 6, R. 1 W. 3 meridian.		From 2-foot Seam Sec. 1, Tp. 6, R. 2 W. 3 meridian.		Mr. Sturgeon's Mine. N.W. of Sec. 10 Tp. 5, R. 4, W. 3 meridian.		A. Blood's Mine, Fir Mountain Sec. 24, Tp. 4, R. 6, W. 3 meridian.	
	R	D	R	D	R	D	R	D
Sample No.	396		398		393		399	
Moisture condition*								
Loss on air-drying								
Results obtained by	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.
Proximate Analysis:—								
Moisture	13.1		12.7		12.0		13.5	
Ash	16.4	18.0	13.4	15.4	25.2	28.6	13.8	16.0
Volatile matter	35.9	41.3	41.3	47.3	33.6	38.2	36.9	42.7
Fixed carbon	34.6	39.8	32.6	37.3	29.2	33.2	35.8	41.3
Ultimate analysis:—								
Carbon								
Hydrogen								
Ash								
Sulphur								
Nitrogen								
Oxygen								
Caloric value:—								
Calories per gram, gross								
B. Th. U. per lb., gross								
Fuel ratio	0.96	0.96	0.79	0.79	0.87	0.87	0.97	0.97
Carbon-Hydrogen ratio								
Coking properties	non-coking		non-coking		non-coking		non-coking	
Hoffmann potash test								
Location in mine	Prospect.		Prospect.		Mine.		Mine.	
Kind of sample								
Quality of coal								
Taken by	All by Dr. B. Rose, Geological Survey.							
Date of sampling	June 9, 1914.		June 11, 1914.		May 23, 1914.		June 22, 1914.	
Remarks								

*(See note, p. 3).