

SASKATCHEWAN GOAL FIELDS.

Wood Mountain Area.

Description.	Open-pit worked by District farmers, south of Willowvale Post Office, Sec. 8, Tp. 1, R. 2, W. 3 Meridian.		Open-pit on Mr. Frank's Ranch, Hay Meadow Creek Sec. 17, Tp. 4, R. 1 W. 3 Meridian.		From 2 foot Seam, Sec. 13, Tp. 5, R. 1 W. 3 Meridian.	
	394		395		397	
Sample No.	R	D	R	D	R	D
Moisture condition (see note p. 3).....						
Loss on air-drying.....	%		%		%	
Results obtained by.....	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.
Proximate analysis:—						
Moisture.....	13.8	.....	12.9	.....	12.8	.....
Ash.....	10.6	12.3	9.4	10.8	17.2	19.7
Volatile matter.....	38.3	44.4	40.9	47.0	35.9	41.2
Fixed carbon.....	37.3	43.3	36.8	42.2	34.1	39.1
Ultimate analysis:—						
Carbon.....	.....	.....	.....	.....	.....	.....
Hydrogen.....	.....	.....	.....	.....	.....	.....
Ash.....	.....	.....	.....	.....	.....	.....
Sulphur.....	.....	.....	.....	.....	.....	.....
Nitrogen.....	.....	.....	.....	.....	.....	.....
Oxygen.....	.....	.....	.....	.....	.....	.....
Calorific value:—						
Calories per gram, gross.....	.....	.....	.....	.....	.....	.....
B. Th. U. per lb., gross.....	.....	.....	.....	.....	.....	.....
Fuel ratio.....	0.97	0.97	0.90	0.90	0.95	0.95
Carbon-Hydrogen ratio.....	.....	.....	.....	.....	.....	.....
Coking properties.....	non-coking		non-coking		non-coking	
Hoffmann potash test.....	.....		.....		.....
Location in mine.....						
Kind of sample.....	All mine.					
Quality of coal.....	All by Dr. B. Rose, Geological Survey.					
Taken by.....	All by Dr. B. Rose, Geological Survey.					
Date of sampling.....	May 30, 1914.		June 8, 1914.		June 10, 1914.	
Remarks.....						