

Yukon Coal Fields.

Kluane Mining Division.

Description.	From Head of Shop Creek.		Left Fork of Burwash Creek.		Left Limit of Granite Creek.			
	R 416 D		R 417 D		R 418 D		R 419 D	
Sample No.								
Moisture condition (see note p. 2)	R	D	R	D	R	D	R	D
Loss on air-drying								
Results obtained by	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.	Anal.	Calc.
Proximate analysis:—								
Moisture	10.9	.....	10.2	.....	11.2	.....	9.8	.....
Ash	9.6	10.7	9.1	10.1	5.4	6.1	1.6	1.8
Volatile matter	41.0	46.0	42.0	46.8	40.9	46.0	43.9	48.6
Fixed carbon	38.5	43.3	38.7	43.1	42.5	47.9	44.7	49.6
Ultimate analysis:—								
Carbon .....	.....	.....	.....	.....	.....	.....	.....	.....
Hydrogen .....	.....	.....	.....	.....	.....	.....	.....	.....
Ash .....	.....	.....	.....	.....	.....	.....	.....	.....
Sulphur .....	.....	.....	.....	.....	.....	.....	.....	.....
Nitrogen .....	.....	.....	.....	.....	.....	.....	.....	.....
Oxygen .....	.....	.....	.....	.....	.....	.....	.....	.....
Calorific value:—								
Calories per gram, gross .....	.....	.....	.....	.....	.....	.....	.....	.....
B. Th. U. per lb., gross .....	.....	.....	.....	.....	.....	.....	.....	.....
Fuel ratio	0.94	.....	0.92	.....	1.05	.....	1.00	.....
Carbon-Hydrogen ratio .....	.....	.....	.....	.....	.....	.....	.....	.....
Coking properties	Non-coking	.....	Non-coking	.....	Non-coking	.....	Shows tendency to agglomerate.	.....
Hoffmann potash test	3-2	.....	2	.....	2	.....	.....	.....
Location in mine	Prospect.							
Kind of sample	D. D. Cairnes, Geological Survey.							
Quality of coal	Summer of 1914.							
Taken by								
Date of sampling								
Remarks								