

## British Columbia Coal Fields.

	Nicola Area.			Vancouver Area.					
Description.	Middlesboro Collieries, Ltd., Merritt.			Seams on east side of English Bay.					
Sample No.	630			361			362		
Moisture condition (see note p. 2)	R	R	D	R	AD	D	R	AD	D
Loss on air-drying	4.6	4.6	4.6	4.6	4.6	4.6	6.8	6.8	6.8
Results obtained by	Anal.	Anal.	Calc.	Calc.	Anal.	Calc.	Calc.	Anal.	Calc.
Proximate analysis:—									
Moisture	3.6	3.6	...	18.4	14.5	...	23.7	18.1	...
Ash	4.2	4.2	4.4	6.6	6.9	8.1	4.1	4.4	5.3
Volatile matter	34.5†	37.6*	39.0*	32.7	34.3	40.1	31.4	33.7	41.2
Fixed carbon	57.7	54.6	56.6	42.3	44.3	51.8	40.8	43.8	53.5
Ultimate analysis:—									
Carbon	...	...	...	...	...	...	...	...	...
Hydrogen	...	...	...	...	...	...	...	...	...
Ash	...	...	...	...	...	...	...	...	...
Sulphur	...	...	...	...	...	...	...	...	...
Nitrogen	...	...	...	...	...	...	...	...	...
Oxygen	...	...	...	...	...	...	...	...	...
Calorific value:—									
Calories per gram, gross	...	...	...	...	...	...	...	...	...
B. Th. U. per lb., gross	...	...	...	...	...	...	...	...	...
Fuel ratio	1.65	1.45	1.45	...	1.30	...	...	1.30	...
Carbon-Hydrogen ratio	...	...	...	...	...	...	...	...	...
Coking properties	Good coke.			Non-coking.			Non-coking.		
Hoffmann potash test	...			...			...		
Location in mine	No. 4 seam			No. 1 (1 foot) seam, near Kitsilano Beach.			No. 2 (8 inch) seam, near Kitsilano Beach.		
Kind of sample	Mine.			...			...		
Quality of coal	...			...			...		
Taken by	Fire ranger, Board of Railway Commis- sioners.			Private individual at Vancouver.			Private individual.		
Date of sampling	September, 1915			1914			1914.		

\* Quick coking.

† Slow coking.