

ANALYSIS BY PROF. HAANEL, VICTORIA COLLEGE.

Locality.	Spec. gr.	Moisture.	Vol. Matter.	Fixed Carbon.	Ash.	
I.....	1.375	11.88	28.66	57.25	2.21	100.00
II.....	1.375	11.41	29.07	56.94	2.58	100.00
III.....	1.340	6.69	33.70	53.25	6.36	100.00
IV.....	1.337	6.89	33.57	50.90	8.64	100.00
Maryland.....		1.25	15.80	73.01	9.74	99.80
Pennsylvania.....		0.82	17.01	68.82	13.35	100.00
Virginia.....		1.64	36.63	50.99	10.74	100.00
Joggins.....		2.50	36.30	56.00	5.20	100.00
Springhill.....		1.80	28.40	56.60	13.20	100.00
District of Pictou.....		1.750	25.875	61.950	10.425	100.00
Same locality, top bench.....		1.500	24.800	51.428	22.272	100.00
District of Richmond.....		30	25	56.40	13.35	100.00

The numbers I to IV are as follows:

The Pembina Coal, 100 miles N. W. from Edmonton—I.

That from near Belly River, South Saskatchewan—II.

That from Belly River—III.

That from Saskatchewan River, near Fort Edmonton, 900 miles N. N. W. of Fort Garry—IV.

I and II are bituminous coals, of a bright lustre, irregular fracture, showing, to judge from the small specimens sent, no distinct lamination, of a high spec. gr., 1.775, comparatively free from sulphur, and giving out little tarry matter upon cooking.

III and IV are also bituminous, of a less spec. gr., 1.340 and 1.337 respectively. Lustre, dull, distinct lamination; fracture at right angles to lamination, irregular, with bright surfaces. Parallel to the plane of lamination, the slabs separated are dull. Gives out considerable tarry matter upon cooking.