

NELSON—continued.

	Variety.	Evaporative Power.	Fixed Carbon.	Water.	Ash.	Nature of Coke.	Laboratory Number.
<i>Pakawau</i> —continued.	Carbonaceous Shales ...	5·69	43·80	2·75	24·83	Cakes strongly Slightly adherent " " " "	320
		5·35	41·20	2·20	18·90		83
		4·99	38·41	2·77	14·86		102 <i>d</i>
		4·94	38·00	1·60	25·20		40
		4·47	34·40	3·20	40·80	" "	521
Average composition ...		3·85	45·00	4·80	11·30	Non-caking	70 <i>a</i>
<i>West Wanganui</i> :— Upper part of same formation ; mined since 1867.	Pitch Coal ...	4·20	50·10	8·60	4·20		
Average composition ...		4·02	47·55	6·70	7·75		
<i>Jenkins' Mine</i> :— Irregular seam, probably in a land- slip ; worked in 1860 ; three miles from Nelson.	Jet Coal ...	7·94	62·40	14·40	1·80	"	229

CANTERBURY.

<i>Malvern Hill District</i> :—											
Extensive, but detached, areas of				<i>a</i> Anthracite Glance Coal	11·55	89·91	3·17	7·92	Non-caking	609	
Brown Coal, which, in many cases, have				<i>b</i> Hard Glance Coal	10·33	80·01	6·50	2·54	"	607	
been altered to a valuable Steam Coal				<i>c</i> " "	9·61	73·94	3·60	5·86	"	224	
by the influence of igneous rocks, and				<i>c</i> " "	9·05	69·62	2·77	12·69	"	608	
are distinguished as Glance Coals ;				<i>c</i> " "	8·77	67·49	1·12	12·50	"	1,016 <i>c</i>	
seams from 2 to 8 feet thick, in mi-				<i>b</i> " "	8·59	66·10	2·20	17·60	"	...	
caceous and argillaceous shales. Mines				<i>e</i> " "	8·30	64·51	6·76	7·46	"	228	
have been opened in Brown Coal on the				<i>d</i> " "	7·94	61·10	1·60	1·90	"	...	
Hawkins River, and in the Glance Coal				<i>d</i> " "	7·72	59·39	3·84	2·94	"	853	
on the Selwyn River and the Kowhai				<i>d</i> Soft Glance Coal	6·81	53·30	9·98	2·75	"	1,016 <i>d</i>	
River ; worked irregularly since 1862.											
The composition of the Glance Coal											
varies according to the proximity of the											
igneous rock which has affected it ;											
seams of unaltered Brown Coal occur-											
ring 25 feet under dolerite rocks.											
Average composition ...					8·87	68·54	4·15	7·42	...	...	
<i>a</i> Acheron Valley, <i>b</i> Kowhai, <i>c</i> Hart's				<i>f</i> Brown Coal	5·73	46·02	21·66	5·33	"	617	
Mine, <i>d</i> Hill's Mine, <i>e</i> Rakaia, <i>f</i> Jeb-				<i>g</i> " "	5·71	45·00	12·00	1·90	"	...	
son's Mine, <i>g</i> Big Ben, <i>h</i> Craigie Burn,				<i>h</i> " "	5·62	44·62	15·54	4·58	"	98	
<i>i</i> Mount Sommers, <i>k</i> Church Reserve,				<i>f</i> " "	5·58	44·50	17·50	6·78	"	1,016 <i>a</i>	
Selwyn.				<i>d</i> " "	5·22	41·22	20·74	6·35	"	1,233	
				<i>i</i> " "	5·05	39·60	8·80	12·40	"	...	
				<i>k</i> " "	4·99	40·12	19·50	6·15	"	618 <i>b</i>	
				<i>k</i> " "	4·98	40·01	18·88	3·50	"	1,016 <i>b</i>	
				<i>k</i> " "	4·65	36·06	11·40	3·20	"	...	
				"	5·03	40·37	18·15	5·37	"	107	
Average composition ...					5·26	41·75	16·42	5·55	...	...	

<i>Molanaui, Amuri</i> :—											
4 feet seam.											
Average composition ...					5·26	41·75	16·42	5·55	...	...	

WESTLAND.

<i>Kanieri River</i> :— Thin seams in micaceous sandstone, not thoroughly explored ; contains much ash.	...	7·42	58·69	·86	21·11	Cakes strongly	970
	...	6·28	48·97	·29	10·82	"	970 <i>b</i>
	...	5·80	44·80	·40	18·40	"	970 <i>c</i>
<i>Ross</i> (exact locality unknown) :—	...	4·01	31·43	6·58	19·46	Non-caking	1,234
Average composition ...		5·88	45·97	2·03	17·45		

OTAGO.

<i>North-east District, Shag Point</i> :— Seams of Brown and Pitch Coal, with grits and sandstones. Mines open since 1862.	Brown Coal ...	5·66	45·30	19·20	5·40	Non-caking	87
	Pitch Coal ...	5·36	42·16	10·90	9·33	"	301
	Brown Coal ...	5·23	41·99	19·60	5·01	"	535
Average composition ...		5·42	43·15	16·57	6·58		
<i>North-east District, Oamaru</i> :— Thick seam, with conglomerates and pipeclays at Big Hill. (?)	Brown Coal ...	5·36	43·16	21·33	10·34	Non-caking	259 <i>a</i>
	" ...	4·82	39·10	13·40	2·80	"	12
Average composition ...		5·09	41·13	17·36	6·57		