

OTAGO—continued.

	Variety.	Evaporative Power.	Fixed Carbon.	Water.	Ash.	Nature of Coke.	Laboratory Number.
<i>Green Island and Saddle Hill :—</i>	Common Brown Coal ...	5.37	43.12	20.26	2.25	Non-caking	304
Thick seams of Brown Coal in grits	" " ...	5.35	42.39	14.22	2.29		305
and clay shale, mined extensively since	" " ...	5.13	41.15	19.34	3.64		306
1861. Four mines at present in operation,	" " ...	4.86	39.28	21.01	5.65		1,146
worked by deep shafts.	" " ...	4.76	38.24	18.45	5.78		303
<i>Botanic Reserve :—</i>	Altered Pitch Coal ...	4.63	37.60	14.40	4.20	Cakes	1,085
Average composition ...	...	5.02	40.30	17.95	3.97	...	...
<i>Clutha and Tokomairiro District :—</i>	Brown Coal ...	6.09	48.70	20.20	3.30	Non-caking	1,114
Seams 5 feet to 20 feet, with conglomerates and sandstones. Mines worked since 1859.	Pitch Coal ...	5.99	46.67	7.27	10.70	"	322
	Brown Coal ...	5.92	46.74	12.94	3.64	"	309
	Pitch Coal ...	5.76	46.84	9.20	3.44	"	1,144a
	Brown Coal ...	5.34	42.10	11.80	5.93	"	313
	" ...	5.27	41.57	11.60	5.90	"	312
	" ...	5.26	42.15	18.69	4.58	"	1,144b
	" ...	5.24	41.83	16.43	12.30	"	307
	" ...	5.18	41.38	17.50	5.20	"	309c
	" ...	5.16	41.32	16.35	4.66	"	309b
	" ...	5.07	40.29	13.72	6.61	"	313b
	" ...	5.01	40.02	16.10	5.61	"	309d
	" ...	4.96	39.66	16.31	5.43	"	302
	" ...	4.47	36.57	20.91	7.32	"	1,145b
Average composition ...	...	5.34	42.56	14.93	6.04	...	...

SOUTHLAND.

<i>Imaka, Catlin's River :—</i>	Semi-bituminous ...	7.72	59.40	4.20	1.40	Cakes	1,000
Thin, irregular seam, in sandstone.	"	5.69	44.34	6.60	16.11	Slightly coherent	326
<i>Waikawa :—</i>	"	4.94	38.91	10.32	10.00	"	230a
Irregular seams, in coarse sandstone.	Bituminous ...	6.38	49.08	1.68	9.50	Cakes strongly	1,105a
<i>Mount Hamilton :—</i>							
Irregular seams, in sandstone.							
Average composition ...	...	6.18	47.93	5.70	9.25	...	...
<i>Wairaki District :—</i>	Brown Coal ...	6.10	48.30	15.60	5.10	...	71
Seams 4 to 10 feet of Brown and	"	5.24	41.78	16.67	4.88	...	197
Pitch Coal, in micaceous sandstones and	Pitch Coal ...	4.79	37.81	10.94	2.97	...	235
clays. No regular mines opened.	"	4.55	36.01	11.33	12.45	...	200
	Brown Coal ...	3.51	28.44	15.33	6.22	...	200b
<i>Orepuki :—</i>	"	5.44	43.20	14.90	2.80	...	77
Same formation as above.							
Average composition ...	...	4.94	39.26	14.13	5.74	...	...
<i>Preservation Inlet :—</i>	Glance Coal ...	8.63	66.43	4.40	2.24	Dull, non-caking	324
Thin, irregular seams, in sandstone,	"	8.03	61.83	4.40	5.14	...	323
on Coal Island, much faulted and altered.	"	7.07	54.38	4.20	11.20	...	325
Average composition ...	...	7.91	60.88	4.33	6.19	...	...
<i>Preservation Inlet :—</i>	Pitch Coal ...	5.62	43.83	6.58	6.67	Non-caking	176
Thick seams of Brown and Pitch Coal	Brown Coal ...	5.17	41.23	16.20	7.24	...	148
on the main land, south of Coal Island.	"	4.85	38.87	17.77	3.87	...	234
Average composition ...	...	5.21	41.31	13.52	5.93	...	...
<i>Tuapeka :—</i>		4.28	34.40	16.80	4.40	...	243
Thick seam of lignite under the							
oldest gold-drift; shows vegetable tissue.							
<i>Waitahuna :—</i>		4.71	37.25	11.06	11.81	...	308
Similar formation.							