

DEVELOPMENT OF COAL MINES, ETC.

41 D.—No. 3.

AUCKLAND—Continued.

	Variety.	Evaporative Power.	Fixed Carbon.	Water.	Ash.	Nature of Coke.	Laboratory Number.
<i>Coromandel</i> :— Thin seam, underneath the trachyte breccias.	Altered Pitch Coal ...	6.15	47.90	7.80	11.80	Cakes slightly	1,198
<i>Waiaapu, East Cape</i> :— Thin seam; contains much ash, being almost a shale.	Pitch Coal ...	4.82 4.68	37.10 36.02	2.70 2.98	35.80 27.37	Cakes slightly "	88a 88b
Average composition ...	...	4.75	36.56	2.84	36.58	...	...
<i>Mokau Harbour</i> :— Reported to be a 7-foot seam, in an accessible position.	Brown Coal ...	5.04	40.00	14.00	7.80	Non-caking	49

WELLINGTON.

<i>Upper Wanganui River</i> :— A thick seam reported.	Pitch Coal ...	6.42	51.00	8.60	4.20	Non-caking	74
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NELSON.

<i>Brunner Coal Mine, Grey River</i> :— An 18-foot seam, in micaceous sandstones and grits. Half square mile has been proved, but it extends over a large area, though much faulted. Mine worked since 1865.	Bituminous Coal ...	8.10 7.93 7.39 7.20 7.03 6.49	62.37 61.00 56.86 55.40 54.11 49.98	1.99 1.90 1.16 1.60 1.40 1.52	6.20 3.20 5.49 5.20 11.30 5.26	Cakes strongly, and forms valuable coke	331
Average composition ...	...	7.36	56.62	1.59	6.11		...
<i>Mount Rockfort</i> :— Seams on high plateau 10 to 18 feet thick, from 900 to 3,000 feet above sea level. Largest continuous area at Coalbrookdale, has a 10 feet seam, interbedded with quartzose and micaceous grits.	Bituminous Coal ...	8.50 8.15 8.09 7.81 7.63 7.43 7.36	65.45 62.70 62.29 60.10 58.74 57.20 56.63	2.60 1.05 4.99 1.70 70 1.80 3.01	4.00 4.70 74 40 4.55 80 1.29	Cakes strongly and forms valuable coke	37
Average composition ...	...	7.85	60.44	2.26	2.35		...
<i>Inangahua, Murray Creek</i> :— An 18-foot seam, associated with quartzose grits.	...	7.03 7.02	54.52 54.94	4.98 10.38	1.19 98		1,165 235
Average composition ...	...	7.02	54.73	7.68	1.08		...
<i>Upper Buller, Coal Creek</i> :— Seam 16 feet, with brown micaceous sandstones, found on both sides the Buller River.	...	6.38 4.63	50.80 38.63	19.40 11.45	7.20 5.65		1,096 181
Average composition ...	...	5.50	44.71	15.42	6.42	...	...
<i>Brighton</i> :— A 6-foot seam, in brown sandstone under marl.	Brown Coal ...	5.09	41.08	21.54	10.46	"	101
<i>Mohikanui</i> :— Brown sandstones under marls.	...	5.98	46.61	7.28	2.75	Cakes slightly	1,221
<i>Sea Coast North of Point Elizabeth</i> :— A 6-foot seam underneath ferruginous sandstone; good illuminating properties.	Pitch Coal ...	4.45	34.80	6.20	3.60	Adherent	1,220
<i>Collingwood Mine</i> :— Several thin seams, in brown sandstones. Mine worked since 1868.	Bituminous Coal ...	7.69 7.55 7.09	59.20 58.12 54.60	2.40 1.26 2.20	5.80 5.11 3.80	Cakes moderately	62b
Average composition ...	...	7.44	57.31	1.95	4.90		1,221a 62a
<i>Pakawau</i> :— Same formation as the previous. Seams yet found very irregular and very variable in quality, many of them being carbonaceous shales, which are not included in the general average—no regular mining.	Bituminous Coal ...	8.71 6.54 6.51 6.03	67.00 50.34 50.10 46.44	4.90 3.33 3.56 2.57	1.40 10.16 8.26 6.92	Cakes Cakes strongly " Slightly adherent	2 522 328 1,026
Average composition ...	...	6.95	53.47	3.59	6.68	...	...