

APPENDIX E.

ABSTRACT of COMPOSITION of various COALS, comparing the Coals of New South Wales with those of New Zealand. Extracted from the Laboratory Books of the New Zealand Geological Survey.

I.—As Steam Coals.

	Evapora- tive Power.	Carbon.	Gas.	Water.	Ash.
1. New South Wales—11 samples	7·65	58·93	30·20	2·98	7·89
2. Buller, New Zealand—18 samples	7·85	60·44	34·95	2·26	2·35
3. Grey, New Zealand—6 samples	7·36	56·62	35·68	1·59	6·11
4. Bay of Islands—6 samples... ..	6·51	50·15	42·63*	4·18	3·04
5. Waikato—7 samples	5·99	47·45	35·10	15·00	2·45
6. Malvern Hills—Altered, 9 samples	8·87	70·12	18·33	3·62	7·93
7. Saddle Hill—Unaltered, 7 samples	5·26	42·19	33·85	19·93	4·03
8. Kaitangata—14 samples	5·02	40·30	37·88	17·95	3·97
	5·34	42·56	36·47	14·93	6·04

* Includes 4·80 per cent. of sulphur.

II.—As Gas Coals.

	Gas per ton, in cubic feet.	Illuminating Power.	Coke per ton in lbs.
1. New South Wales, 5 samples (Wellington Gas- works)	9,738	13·3 (7 to 17)	1,655 Moderately good.
2. Buller Coal (Laboratory)	11,200	20 (?)	1,500 Very valuable.
3. Grey River, 7 samples (Wellington Gasworks)	10,800	22·5	1,980 Very valuable.
4. Bay of Islands (Wellington Gasworks) ...	10,600	18·5	1,328 Worthless.
5-8. Brown Coal (Wellington Gasworks) ...	5,300	None.	None.

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By Authority: GEORGE DIDSBURY, Government Printer, Wellington.—1876.

Price 1s.]