

The samples generally represent coal of a valuable kind.

Particulars of Locality.	Centesimal Composition.				
	Fixed Carbon.	Hydro-carbon, &c., Volatile Matter.	Water.	Ash.	Evaporative Power.
1. Outcrop of seam No. 1	52.13	36.66	6.12	5.09	6.77
2. Inner face of drive, seam No. 1	51.85	38.18	4.63	5.34	6.73
3. No. 2 working, No. 1 seam (first known outcrop) ..	49.44	34.89	5.07	10.60	6.42
4. No. 3 working, middle seam	51.57	34.84	4.52	9.07	6.74
5. No. 3 working, lower seam	41.90	28.26	5.63	24.21	5.44
6. No. 4 working, lower band	44.53	33.97	5.41	16.09	5.80
7. No. 4 working, middle band	57.08	30.15	6.61	6.16	6.41
8. No. 4 working, upper band	57.53	33.51	6.80	2.16	7.47
9. Mount Nebo outcrop, same seam as No. 4 working	58.19	34.98	5.22	1.81	7.56
10. Uppermost seam, next overlying No. 4	54.11	36.64	5.02	4.23	7.00
Average composition of the ten samples analysed	51.83	34.20	5.50	* 7.47	6.63

* Excluding 5 and 6, 43l.

(1.) From the outcrop of No. 1 seam: Gives a loose coke; ash red. (2.) From the inner face of the drive on No. 1 seam: Gives a loose coke; ash red. (3.) From the first-discovered outcrop, seam No. 1: Frits decidedly; ash reddish. (4.) From the group of small seams, No. 3 working, middle band: Frits freely; ash reddish. (5.) From No. 3 working, lower band: Coke has not coherence; ash white, mottled red. (6.) No. 4 seam, lower band: Coke frits, but can be broken up by the fingers; ash buff-coloured. (7.) No. 4 seam, middle band: Coke frits fairly well; ash red. (8.) No. 4 seam, upper band: Coke frits to a hard mass; ash reddish. (9.) Mount Nebo outcrop: Coke frits together feebly; ash pale-yellow. (10.) Wairaki Creek, the highest seam of the group: Coke frits feebly; ash brown.

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