

	Arithmetic mean (total samples)	Standard deviation (total)	Observed range		Geometric mean	Geometric deviation
			Min.	Max.		
Moisture	28.57	4.04	1.13	30.32	28.28	1.16
Volatile matter	18.27	6.69	1.11	21.39	17.02	1.49
Fixed carbon	10.20	7.86	1.10	12.57	5.12	5.75
Ash	42.95	16.98	1.20	48.80	39.16	1.60
Hydrogen	4.48	.75	.50	4.79	4.41	1.19
Carbon	14.78	9.39	.67	12.63	11.26	2.36
Nitrogen	.27	.17	.02	3.83	.21	2.14
Oxygen	33.32	5.75	1.13	35.32	32.84	1.19
Sulfur	4.20	3.68	.87	5.70	2.76	2.81
Heat value (Btu/lb)	2,256.31	1,605.03	1.55	2,793.75	1,415.22	3.59
Sulfate sulfur	1.09	.65	.41	3.17	.81	2.55
Pyritic sulfur	1.08	1.79	.02	5.04	.36	4.15
Organic sulfur	2.13	1.95	.42	3.22	1.11	4.84

Table 4. Statistical appraisal of 19 coaly samples, on the as-received basis. [Values in weight percent, except heat values.]