Coal Specs – July 2024

Analysis/Basis	Cameby Downs	New Acland
Proximate Analysis		
Total Moisture (% ar)	12.5	8.0
Moisture (% ad)	8	-
Ash (% ad)	11	14.0
Ash (% ar)	10.5	-
Volatile matter (% ad)	41	41.0
Volatile matter (% ar)	39	-
Fixed Carbon (% ad)	40	41.0
Fixed Carbon (% ar)	38	-
Total Sulphur (% ad)	0.40	0.56
Total Sulphur (% ar)	0.38	-
Fuel Ratio	0.98	-
Gross Calorific Value (kcal/kg GAD)	6420	-
Gross Calorific Value (kcal/kg GAR)	6105	6400
Gross Calorific Value (kcal/kg NAR)	5803	-
Ultimate Analysis		
Carbon (% daf)	79	-
Hydrogen (% daf)	6.17	
Nitrogen (% daf)	1.16	
Total Sulphur (% daf)	0.49	
Oxygen (by difference) (% daf)	13.2	
Hardgrove Grindability Index	36	35-37
Ash Fusion Temperatures:		
Initial Deformation (°C Reducing)	1520	1500
Spherical (°C Reducing)	1550	>1550
Hemispherical (°C Reducing)	1560	>1550
Flow (°C Reducing)	1560	>1550
Sizing:	8 x 28mm	6 x 25mm