

<b>Baralaba Coal Specification</b>		
	<b>PCI Coal</b>	<b>Thermal Coal</b>
Total Moisture (ar) %	10.0 max	9.0
Inherent Moisture (ad) %	1.5	1.5
Volatile Matter (ad) %	12.2	11.8
Fixed Carbon (ad) %	77.2	70.2
Ash (ad) %	10.7 max	18.0
Total Sulphur (ad) %	0.61 max	0.6
Phosphorus (ad) %	0.08	0.1
Chlorine (ad) %	0.06	0.06
HGI	80	78-80
CSN	0-2	-
Calorific Value (ad) kcal/kg	7716	6100
Size (mm) (nominal)	100% 50x0 mm 45% minus 2 mm	
Ash Fusion deg C reducing atmosphere		
Initial	1250	
Hemisphere	1360	
Flow	1390	
Ultimate Analysis (ad) %		
Carbon	90.86	
Hydrogen	4.31	
Oxygen	2.54	
Nitrogen	1.78	
Ash Analysis %		
SiO <sub>2</sub> – 51.1	MgO – 1.25	Mn <sub>3</sub> O <sub>4</sub> – 0.15
Al <sub>2</sub> O <sub>3</sub> – 24.5	Na <sub>2</sub> O – 0.38	P <sub>2</sub> O <sub>5</sub> – 2.17
Fe <sub>2</sub> O <sub>3</sub> – 8.7	K <sub>2</sub> O – 3.63	SO <sub>4</sub> – 1.43
CaO – 5.06	TiO <sub>2</sub> – 1.66	