

TYPE B THERMAL COAL OFFER

TECHNICAL DATA SHEET

QUALITY PRODUCT "B"		
	AVG.	RANGE
Proximate Analysis	%	% Wt.
Gross Heating value,		
BTU/lb	11400	11699
Net Heating Value:		
BTU/lb	10853	11152
Kcal/Kg	6030	6196
Total Sulfur	0.50	0.81
Ash	6.90	10.20
Volatile Matter	32.00	34.40
Total Moisture	10.20	13.00
Equilibrium Moisture	7.40	9.80
Fixed Carbon	45.50	47.70
Ultimate Analysis	%	% W
Moisture, %	10.20	13.00
Carbon, %	63.70	67.10
Hydrogen, %	4.40	4.80
Nitrogen,	1.06	1.34
% Chlorine,	0.01	0.07
% Sulfur	0.50	0.81
Ash, %	6.90	10.20
Oxygen, %	6.60	9.60
Other Analysis	45	53
HGI	44	60
Fluorine ppm	1.5	3.5
FSI		
Sulfur Forms	%	%Wt
Pyrite, %	0.20	0.33
Sulfate, %	0.01	0.09
Organic, %	0.27	0.55
Total, %	0.50	0.81
Size		
Nominal Top Size inches		
% wt. ¼ kt.	40	52
Mineral Analysis Of Ash	%	%Wt.
Silica SiO2	58.60	61.80
Aluminum Al2O3	18.20	22.50

Titanium TiO ₂	0.74	1.26
Iron Fe ₂ O ₃	7.20	9.60
Calcium CaO	1.30	3.70
Magnesium MgO	1.40	3.00
Potassium K ₂ O	1.40	3.00
Sodium Na ₂ O	0.50	0.80
Sulfur SO ₃	1.40	2.80
Manganese Mn ₃ O ₄	0.03	0.09
Phosphorus P ₂ O	0.18	0.26
Undetermined	0.17	