



SINCE 1908

# COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (312) 953-9300

Member of the SGS Group (Société Générale de Surveillance)

 PLEASE ADDRESS ALL CORRESPONDENCE TO:  
 224 SO. CARBON AVE., PRICE, UT 84501  
 TELEPHONE: (801) 637-7540

 ▶ PLATEAU MINING CO  
 P O Box Drawer PMC  
 Price, Utah 84501

May 4, 1988

 Sample identification  
 by  
 Plateau Mining Co.

 Kind of sample  
 reported to us Coal

 Plateau PRC Mix #3  
 18%

Sample taken at Wattis, Utah

Sample taken by Plateau Mining Co.

Date sampled XXXX

Date received 4/21/88

Analysis report no. 57-26342 PAGE 1

### PROXIMATE ANALYSIS

	<u>As Received</u>	<u>Dry Basis</u>
% Moisture	9.73	xxxxx
% Ash	7.19	7.97
% Volatile	40.56	44.93
% Fixed Carbon	42.52	47.10
	<u>100.00</u>	<u>100.00</u>
Btu/lb.	11987	13279
% Sulfur	0.56	0.62

### ULTIMATE ANALYSIS

	<u>As Received</u>	<u>Dry Basis</u>
% Moisture	9.73	xxxxx
% Carbon	66.44	73.60
% Hydrogen	5.11	5.66
% Nitrogen	1.34	1.48
% Chlorine	0.00	0.00
% Sulfur	0.56	0.62
% Ash	7.19	7.97
% Oxygen	9.63	10.67
(diff)	<u>100.00</u>	<u>100.00</u>

### FUSION TEMPERATURE OF ASH (Degrees F.)

	<u>Reducing</u>	<u>Oxidizing</u>
Initial Deformation	2254	2284
Softening (H=W)	2304	2315
Softening (H=1/2W)	2356	2370
Fluid	2516	2526

 Hardgrove Grindability Index = 40.7  
 At 4.37% Moisture  
  
 Free Swelling Index = 2

 Respectfully submitted,  
 COMMERCIAL TESTING & ENGINEERING CO.

Manager, Price Laboratory