

LUMAN'S LABORATORIES

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505 Maple



ANALYTICAL
AND
PHYSICAL
TESTING

August 31, 1982

Kansas Geological Survey
1930 Ave "A" Campus West
Lawrence, KS 66044

Attn: Lawrence L. Brady

Please find listed below analysis on the following coal sample.

Lab ID. Au31-5 Sample ID. Kansas Geological Survey Sample No.
PM-1-D-82 Section 22 TWN 315 S. Range 22E.

	As Received	Moisture Free
Moisture	1.82%	
Ash	22.15%	22.56%
Volatile Matter	30.81%	31.38%
Fixed Carbon	45.22%	46.06%
Sulfur	3.49%	3.56%
BTU/lb	11,324	11,533

Respectfully,

Carrol Luman

CGL:pjp

"A" P+M # 4 SWNWSW 29-325-22E

1.4' "A" - 339.6 - 340.0' PM-1-A-82

P+M # 9 - NWNENE 18-325-23E

1.4' "A" - 306.7' - 308.1' PM-2-A-82

"D" P+M # 10 - NWNWSW 22-315-22E

1.3' "D" - 343.6' - 344.9' PM-1-D-82

P+M # 4 - SWNWSW 29-325-22E

1.7' "D" - 386.7' - 388.5' PM-2-D-82

Riverton

P+M # 7 - SWSWSE 6-325-22E

1.2' Riverton 421.2' - 422.4'
PM-1-R-82

P+M # 18 - SWSWSW 28-325-22E

2.3' Riverton 392.2' - 394.5'
PM-2-R-82

Coal Samples
Krebs