

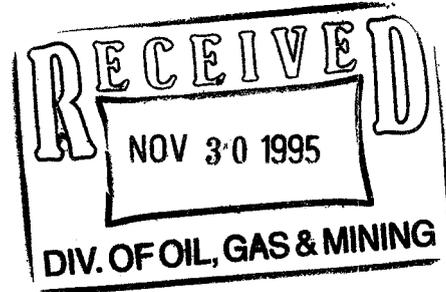
0007



**Coastal**  
The Energy People

Act 1007/005  
#6

November 26, 1995



Utah Coal Regulatory Program  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1204

File Act/007/005 #6

Gentlemen:

Enclosed is our certified quarterly report for the Scofield Waste Rock Site for the third quarter of 1995. Also enclosed are the laboratory analysis for seven samples of gob material.

Sincerely,

Keith W. Zobell  
Environmental Coordinator

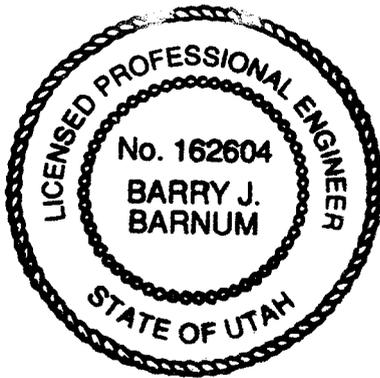
KWZ/sh  
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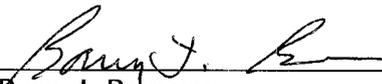
**Utah Fuel Company**

A SUBSIDIARY OF THE COASTAL CORPORATION  
P O BOX 719 • HELPER UT 84526-0719 • 801/637-7925 • FAX 801/637-7929 • SALT LAKE 801/596-7111

November 26, 1995

I, Barry J. Barnum, do hereby certify that during the third quarter of 1995 approximately 14,705 cubic yards of gob material were hauled to the Scofield Waste Rock Disposal site. All material was spread and compacted. Inspections of the site did not reveal any appearances of instability, structural weakness or other hazardous conditions.



  
Barry J. Barnum  
Registered Professional Engineer  
Utah Registration No. 162604



# COMMERCIAL TESTING & ENGINEERING CO.

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TEL: (801) 653-2311  
FAX: (801) 653-2436

November 8, 1995

UTAH FUEL COMPANY  
P.O. Box 719  
Helper, Utah 84526

Sample identification by  
UTAH FUEL COMPANY

Kind of sample reported to us Coal  
Sample taken at Utah Fuel  
Sample taken by Utah Fuel  
Date sampled August 23, 1995  
Date received August 31, 1995

Waste Rock  
1030 hr.  
1 Bag

Analysis report no. 59-184214

### SOIL ANALYSIS

pH 6.9 units  
Conductivity 1.82mmhos/cm @ 25°C  
Saturation % 50.3

Rock Fragments 0.0 %  
Total Nitrogen 1.13 %  
Alkalinity 2.88 meq/l  
Organic Carbon 71.1 %

### PARTICLE SIZE ANALYSIS

% Sand 83.6  
% Silt 9.0  
% Clay 7.4  
Texture Loamy Sand

Available Phosphorus  
0.03 ppm

Carbonate as CaCO<sub>3</sub> 1.1 %

### SOLUBLE CATIONS

Calcium 12.8 meq/l  
Magnesium 6.99 meq/l  
Sodium 1.41 meq/l  
Sodium Adsorption Ratio 0.45

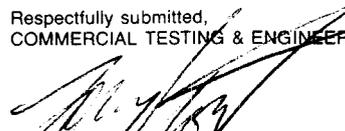
Available Water Capacity  
16.7 (1/3)  
6.7 (15)

Total Available Selenium  
0.02 mg/Kg  
Total Available Boron  
0.78 mg/Kg

NOTE: Analysis run according to methods listed in  
Guidelines for Management of Topsoil and  
Overburden, Table 6, April 1988.

Analysis run at IML, Sheridan, Wyoming.

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

  
Manager, Huntington Laboratory





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November 8, 1995

UTAH FUEL COMPANY  
P.O. Box 719  
Helper, Utah 84526

Sample identification by  
UTAH FUEL COMPANY

Kind of sample Coal  
reported to us

Sample taken at Utah Fuel

Waste Rock  
1500 hr.  
1 Bag

Sample taken by Utah Fuel

Date sampled August 3, 1995

Date received August 31, 1995

Analysis report no. 59-184215

### SOIL ANALYSIS

pH 7.0 units  
Conductivity 2.97mmhos/cm @ 25°C  
Saturation % 38.2

Rock Fragments 0.0 %  
Total Nitrogen 0.61 %  
Alkalinity 0.64 meq/l  
Organic Carbon 41.6 %

### PARTICLE SIZE ANALYSIS

% Sand 71.6  
% Silt 17.0  
% Clay 11.4

Texture Sandy Loam

### SOLUBLE CATIONS

Calcium 22.3 meq/l  
Magnesium 12.9 meq/l  
Sodium 3.06 meq/l

Sodium Adsorption Ratio 0.73

Available Phosphorus  
0.03 ppm

Carbonate as CaCO<sub>3</sub> 5.0 %

Available Water Capacity

19.3 (1/3)  
7.1 (15)

Total Available Selenium

0.06 mg/Kg

Total Available Boron

0.66 mg/Kg

**NOTE:** Analysis run according to methods listed in  
Guidelines for Management of Topsoil and  
Overburden, Table 6, April 1988.

Analysis run at IML, Sheridan, Wyoming.

Respectfully submitted  
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory



OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS, TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES



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FAX: (801) 653-2436

November 8, 1995

UTAH FUEL COMPANY  
P.O. Box 719  
Helper, Utah 84526

Sample identification by  
UTAH FUEL COMPANY

Kind of sample reported to us Coal

Sample taken at Utah Fuel

Waste Rock  
1400 hr.  
1 Bag

Sample taken by Utah Fuel

Date sampled August 2, 1995

Date received August 31, 1995

Analysis report no. 59-184216

## SOIL ANALYSIS

pH	7.0 units	Rock Fragments	0.0 %
Conductivity	2.02mmhos/cm @ 25°C	Total Nitrogen	0.85 %
Saturation %	42.6	Alkalinity	1.81 meq/l
		Organic Carbon	55.8 %

### PARTICLE SIZE ANALYSIS

% Sand	75.6
% Silt	13.0
% Clay	11.4
Texture	Sandy Loam

### SOLUBLE CATIONS

Calcium	12.4 meq/l	
Magnesium	8.27 meq/l	
Sodium	2.50 meq/l	
Sodium Adsorption Ratio		0.78

Available Phosphorus  
0.03 ppm

Carbonate as CaCO<sub>3</sub> 3.2 %

Available Water Capacity  
21.2 (1/3)  
7.4 (15)

Total Available Selenium  
0.06 mg/Kg  
Total Available Boron  
0.86 mg/Kg

NOTE: Analysis run according to methods listed in  
Guidelines for Management of Topsoil and  
Overburden, Table 6, April 1988.

Analysis run at IML, Sheridan, Wyoming.

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

Marketing, Huntington Laboratory



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FAX: (801) 653-2436

November 8, 1995

UTAH FUEL COMPANY  
P.O. Box 719  
Helper, Utah 84526

Sample identification by  
UTAH FUEL COMPANY

Kind of sample Coal  
reported to us

Sample taken at Utah Fuel

Waste Rock  
1330 hr.  
1 Bag

Sample taken by Utah Fuel

Date sampled August 10, 1995

Date received August 31, 1995

Analysis report no. 59-184217

## SOIL ANALYSIS

pH	7.4 units	Rock Fragments	0.0 %
Conductivity	2.02mmhos/cm @ 25°C	Total Nitrogen	0.84 %
Saturation %	39.6	Alkalinity	1.38 meq/l
		Organic Carbon	49.3 %

### PARTICLE SIZE ANALYSIS

% Sand	75.6
% Silt	14.0
% Clay	10.4

Texture Sandy Loam

### SOLUBLE CATIONS

Calcium	12.4 meq/l
Magnesium	7.55 meq/l
Sodium	2.82 meq/l

Sodium Adsorption Ratio 0.89

Available Phosphorus  
0.23 ppm

Carbonate as CaCO<sub>3</sub> 3.8 %

Available Water Capacity  
17.6 (1/3)  
6.8 (15)

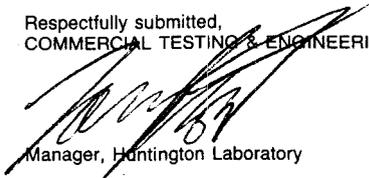
Total Available Selenium  
0.02 mg/Kg

Total Available Boron  
0.69 mg/Kg

NOTE: Analysis run according to methods listed in  
Guidelines for Management of Topsoil and  
Overburden, Table 6, April 1988.

Analysis run at IML, Sheridan, Wyoming.

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

  
Manager, Huntington Laboratory





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FAX: (801) 653-2436

November 8, 1995

UTAH FUEL COMPANY  
P.O. Box 719  
Helper, Utah 84526

Sample identification by  
UTAH FUEL COMPANY

Kind of sample reported to us Coal  
Sample taken at Utah Fuel  
Sample taken by Utah Fuel  
Date sampled August 14, 1995  
Date received August 31, 1995

Waste Rock  
No Time Given  
1 Bag

Analysis report no. 59-184218

### SOIL ANALYSIS

pH	6.9 units	Rock Fragments	0.0 %
Conductivity	2.90mmhos/cm @ 25°C	Total Nitrogen	0.84 %
Saturation %	45.5	Alkalinity	1.92 meq/l
		Organic Carbon	64.5 %

#### PARTICLE SIZE ANALYSIS

% Sand	83.6
% Silt	8.0
% Clay	8.4

Texture Loamy Sand

#### SOLUBLE CATIONS

Calcium	22.8 meq/l	
Magnesium	11.0 meq/l	
Sodium	2.36 meq/l	
Sodium Adsorption Ratio		0.57

Available Phosphorus  
0.03 ppm

Carbonate as CaCO<sub>3</sub> 2.6 %

Available Water Capacity  
18.9 (1/3)  
6.4 (15)

Total Available Selenium  
0.02 mg/Kg  
Total Available Boron  
0.83 mg/Kg

NOTE: Analysis run according to methods listed in  
Guidelines for Management of Topsoil and  
Overburden, Table 6, April 1988.

Analysis run at IML, Sheridan, Wyoming.

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory



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November 8, 1995

UTAH FUEL COMPANY  
P.O. Box 719  
Helper, Utah 84526

Sample identification by  
UTAH FUEL COMPANY

Kind of sample reported to us Coal

Sample taken at Utah Fuel

Waste Rock  
1000 hr.  
1 Bag

Sample taken by Utah Fuel

Date sampled August 8, 1995

Date received August 31, 1995

Analysis report no. 59-184219

## SOIL ANALYSIS

pH 7.3 units  
Conductivity 2.93mmhos/cm @ 25°C  
Saturation % 39.4

Rock Fragments 0.0 %  
Total Nitrogen 0.85 %  
Alkalinity 1.49 meq/l  
Organic Carbon 44.2 %

### PARTICLE SIZE ANALYSIS

% Sand 67.6  
% Silt 20.0  
% Clay 12.4

Texture Sandy Loam

### SOLUBLE CATIONS

Calcium 22.0 meq/l  
Magnesium 10.7 meq/l  
Sodium 2.87 meq/l

Sodium Adsorption Ratio 0.71

Available Phosphorus  
0.54 ppm

Carbonate as CaCO<sub>3</sub> 5.8 %

Available Water Capacity  
21.4 (1/3)  
8.4 (15)

Total Available Selenium  
0.02 mg/Kg

Total Available Boron  
0.81mg/Kg

NOTE: Analysis run according to methods listed in  
Guidelines for Management of Topsoil and  
Overburden, Table 6, April 1988.

Analysis run at IML, Sheridan, Wyoming.

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory



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F-465/059/95

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November 8, 1995

UTAH FUEL COMPANY  
P.O. Box 719  
Helper, Utah 84526

Sample identification by  
UTAH FUEL COMPANY

Kind of sample reported to us Coal

Sample taken at Utah Fuel

Waste Rock  
1600 hr.  
1 Bag

Sample taken by Utah Fuel

Date sampled August 22, 1995

Date received August 31, 1995

Analysis report no. 59-184212

### SOIL ANALYSIS

pH 7.2 units  
Conductivity 2.83mmhos/cm @ 25°C  
Saturation % 37.0

Rock Fragments 0.0 %  
Total Nitrogen 0.63 %  
Alkalinity 1.70 meq/l  
Organic Carbon 33.1 %

### PARTICLE SIZE ANALYSIS

% Sand 70.6  
% Silt 17.0  
% Clay 12.4  
Texture Sandy Loam

Available Phosphorus  
0.03 ppm

Carbonate as CaCO<sub>3</sub> 6.9 %

### SOLUBLE CATIONS

Calcium 20.6 meq/l  
Magnesium 11.3 meq/l  
Sodium 3.26 meq/l

Available Water Capacity  
17.0 (1/3)  
6.9 (15)

Sodium Adsorption Ratio 0.82

Total Available Selenium  
0.04 mg/Kg  
Total Available Boron  
0.64 mg/Kg

NOTE: Analysis run according to methods listed in  
Guidelines for Management of Topsoil and  
Overburden, Table 6, April 1988.

Analysis run at IML, Sheridan, Wyoming.

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory



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