



# COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (708) 953-9300

ACT/007/005

Folder #6

SINCE 1908

Member of the SGS Group (Société Générale de Surveillance)

PLEASE ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1020, HUNTINGTON, UT 84528  
TELEPHONE: (801) 653-2311  
FAX: (801) 653-2479

September 16, 1992

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

0098

Sample identification by  
UTAH FUEL COMPANY

Kind of sample reported to us Soil

Sample taken at Utah Fuel

Waste Rock Gob  
21.25 lbs.

Sample taken by Utah Fuel

Date sampled August 10, 1992

Date received August 12, 1992

Analysis report no. 59-150795

### SOIL ANALYSIS

Carbonate 8.4%  
pH 7.5 units  
Conductivity 4.47mmhos/cm  
Saturation % 36.6

Rock Fragments 45.3%  
Alkalinity 1.21 meq/l  
Total Nitrogen 0.80 %

Organic Carbon 10.6 %

### PARTICLE SIZE ANALYSIS

% Sand 79.6  
% Silt 15.1  
% Clay 5.3  
Texture Loamy Sand

### AVAILABLE WATER CAPACITY

10.1 (1/3)  
5.4 (15)

### SOLUBLE CATIONS

Calcium 20.9 meq/l  
Magnesium 17.3 meq/l  
Sodium 11.9 meq/l  
Potassium 4.16 meq/l  
Sodium Adsorption Ratio 2.72

Available Phosphorous  
1.44 mg/kg

Munsell Color 2.5 YR 2.5/0

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory



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September 25, 1992

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

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UTAH FUEL COMPANY

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Waste Rock Gob  
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## SOIL ANALYSIS

Total Available Selenium

<0.02mg/kg

Total Available Boron

0.72mg/kg

Respectfully submitted,  
COMMERCIAL TESTING & ENGINEERING CO.

Manager, Huntington Laboratory