

0009

Document Information Form

Mine Number: CI007/022

File Name: Incoming

To: DOGM

From:

Person N/A

Company BEAVER CREEK COAL COMPANY

Date Sent: N/A

Explanation:

C.V. SPUR MODIFICATION

cc:

File in: CI007/022, 1982, Incoming

Refer to:

- Confidential
- Shelf
- Expandable

Date _____ For additional information



C.V. SPUR MODIFICATION

APPROVAL 10/20/82

STIPULATION #1

The immediate strip of land just south of the truck dump is to be used as a vehicle access road to the new raw coal storage area. Prior to construction, soil samples were gathered in an area within the Killpack soil series high water table variant. Two samples were collected; the first representing from zero to six inches in depth. The second sample represented the six to twelve inch depth. Below this point, weathered shale was encountered. The uppermost inch of sample encountered was alluvium deposited on the ground surface during construction of the adjacent truck dump.

Collected soils were analyzed for the following parameters according to Wyoming DEQ topsoil suitability guidelines:

/pH, EC, Saturation %, Texture, SAR, Selenium, Boron, Cal. Carb., Coarse Fragments, Moist/Dry Consistency/

Initial field determinations gave an estimate of six inches deep for a maximum length of 475 feet and a width of approximately 50 feet. A preliminary calculation of these figures results in a total of 440 bcy of material to be considered for possible salvage. As the enclosed analyses show, the sampled soils are of a poor quality, due to high E.C. and Calcium levels. Based on this, it is proposed to leave this soil in place.

The Chipeta soil series prominent north of the Killpack soil was extremely disturbed during truck dump construction. This soil type, as well as a small inclusion of the Saltair series to the east and Disturbed soil type farther east will not be salvaged. Previous soils analyses indicated that the Saltair and Disturbed soil types were unsuitable as topsoil material. Field tests confirmed this conclusion. Since none of the soil appears suitable to salvage, it is our proposal to leave it in place and construct the road as planned. As we have committed in our M & R Plan, final reclamation of an area such as this will be performed by final grading and covering with either extra topsoil taken from another area, or by providing a suitable topsoil substitute.

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BOOKCLIFFS COMMERCIAL LABORATORIES
SOILS ANALYSIS REPORT

Client: Beaver Creek Coal Company
Address: 1109 South Carbon Avenue
Price, Utah 84501

Sample Date: Unknown
Date Received: 11/17/82

Attn: Mr. David R. Meyer

P.O. No. 80 21108 B212

Sample I.D.	Lab No.	pH*	E. C.* mmhos/cm @ 25° C	Sat.* %	Calcium* meq/l	Magnesium* meq/l	Sodium* meq/l	SAR	Boron** ppm	Selenium** ppm	Lime %
Killpack 0-6"	82-3267-S	8.4	21.4 ✓	58	18 FAIR	39	236	44.2	4.8	0.02	13.4
Killpack 7-12"	82-3268-S	8.4	22.5 ✓	92 ✓	17 FAIR	64	257	40.4	5.1 ✓	0.04	11.0

*Saturated Paste Extract

**Hot Water Extract

Ralph V. Poulsen

Ralph V. Poulsen, Director

BOOKCLIFFS
COMMERCIAL LABORATORIES



BOOKCLIFFS COMMERCIAL LABORATORIES
SOILS ANALYSIS REPORT
Particle Size Analysis

Client: Beaver Creek Coal Company

Sample Date: Unknown
Date Received: 11/17/82

Address: 1109 South Carbon Avenue
Price, Utah 84501

Attn: Mr. David R. Meyer

Sample I.D.	Lab No.	Coarse Fragment	Sand %	Silt %	Clay %	Texture
Killpack 0-6'	82-3267-S	13	29	34	37	CL <i>FAIR</i>
Killpack 7-12"	82-3268-S	<1	12	43	45	C <i>POOR</i>

Ralph V. Poulsen

Ralph V. Poulsen, Director

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STRIPPABLE
 SAMPLE POINT



Dan W. Long
 12/20/82