



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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August 27, 1986

**FILE COPY**

Mr. Andrew King  
Genwal Coal Company  
P. O. Box 1201  
Huntington, Utah 84528

Dear Mr. King:

Re: Substitute Topsoil Suitability, Genwal Coal Company, Crandall Canyon Mine, ACT/015/070 Folder No. [REDACTED] Emery County, Utah

As per your request July 31, 1986, the soil materials excavated from the construction of the sediment pond were analyzed and rated as a topsoil substitute. Based on this analysis the Division finds the material to have an overall "fair" topsoil substitute suitability rating. However, prior to Division approval to use this soil as a topsoil substitute the operator must submit:

1. the location and acreage of the site to be redressed with the substitute topsoil;
2. volume of substitute soil material;
3. stockpile location;
4. length of time to be stockpiled;
5. Techniques utilized for soil stockpile stabilization and enhancement;
6. Depth of redistribution and;
7. Commitment to implement procedures as defined in the approved reclamation plan for the site to be redressed with the substitute topsoil.

Suitability Determination

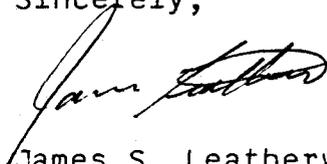
<u>Parameter</u>	<u>Analysis</u>	<u>Rating</u>
pH	8.1	Fair
Texture	c 1	Fair
Electrical Conductivity	1.25 mmho/cm	Good

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The soil is an alluvial mollisol with a soil color of 5 YR 4/2 (dark reddish grey) dry and 5 YR 3/3 (dark reddish brown) moist.

Please feel free to contact me or Susan Linner if you have questions.

Sincerely,



James S. Leatherwood  
Reclamation Soils Specialist

jvb  
cc: S. Linner  
0534R-42