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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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October 12, 1989

TO: Susan C. Linner, Permit Supervisor  
FROM: Henry Sauer, Reclamation Soils Specialist *HS*  
RE: New Surface Facilities, Solider Creek Coal Company, Solider  
Canyon Mine, ACT/007/018-89(B), Folder #2, Carbon County,  
Utah

## SYNOPSIS

Analysis of overburden and underburden requested in a Division memo dated September 25, 1989, has been submitted and reviewed. Ample data has been provided to determine that the roof and floor material adjacent to the new surface portals are non-acid and non-toxic forming.

## ANALYSIS

Based on total sulfur percentage, the acid-base potential for the overburden and underburden is positive 203 Tons  $\text{CaCO}_3$ /1000 tons material, and positive 185  $\text{CaCO}_3$ /1000 tons material, respectively.

## RECOMMENDATIONS

The Division recommends that the New Surface Facilities Amendment be approved.

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BT37/49