

0026



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

Michael O. Leavitt
Governor
Lowell P. Braxton
Division Director

August 19, 1998

TO: File

THRU: Joe Helfrich, Permit Supervisor *JH*

THRU: Daron Haddock, Permit Supervisor *DH*

FROM: Robert Davidson, Soils Reclamation Specialist *RAD*

RE: Alluvial Valley Floor Technical Analysis - Phase 2, Dugout Canyon Mine, Canyon Fuel Company, ACT/007/039-SR98-1, Folder #2, Carbon County, Utah

TECHNICAL ANALYSIS:

ENVIRONMENTAL RESOURCE INFORMATION

ALLUVIAL VALLEY FLOORS

Regulatory Reference: 30 CFR Sec. 785.19; R645-302-320

Analysis:

The Phase 2 submittal presented several factors that preclude the mine site from being classified as alluvial valley floors. Based on information presented, the following findings can be made:

- No significant deposits of stream-laid alluvium exist within the permit area. The closest areas of alluvium occur outside the permit area, approximately 2,000 feet downstream area along Dugout Creek and 600 feet north in the headwaters of Pine Canyon.
- Stream-laid deposits within the proposed disturbed area do not "hold" Dugout Creek as required by the AVF definition. The Dugout Creek is generally held by underlying bedrock.

Page 2
PRO/007/039-98-1
August 19, 1998

- No irrigated agriculture has or does occur within the permit and adjacent areas.
- No flood irrigation or subirrigation of stream-laid deposits have historically occurred within the proposed disturbed area.
- Soil and topographic conditions within the proposed disturbed area preclude future flood irrigation of the site.

Finally, the proposed disturbed area occurs mainly upland. Therefore, by definition, no Alluvial Valley Floor exists.

Findings:

The information provided meets the regulatory requirements of this section.

cc: Priscilla Burton
O:\007039.DUG\FINAL\STA#1DUG.981