



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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August 28, 1991

ATTN: Jay Marshall
Genwal Coal Company
P. O. Box 1201
Huntington, Utah 84528

Dear Jay:

RE: Vegetation Sampling, Crandall Canyon Mine, Genwal Coal Company, ACT/015/032,
Folder #2, Emery County, Utah.

Here are the results of the vegetation sampling that was done yesterday above the parking lot and below what was the magazine bench.

Total Cover from Vegetation and Litter	83.5%
Perennial Grasses	39.5
Annual and Biennial Forbs (Weeds)	18.5
Litter	25.5

Bare Ground	8.5
Rock	8.0

12.59 samples were needed to achieve sample adequacy, and 20 transects were done.

I am continuing to work on some of the other issues we discussed, particularly sampling the stream for turbidity. I hope to be able to determine how mining activities could be expected to affect stream turbidity and how these can be measured given the variability associated with precipitation events.

Sincerely,

Paul B. Baker
Reclamation Biologist