



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

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DIVISION OF OIL, GAS & MINING
FIELD VISIT FORM
TECHNICAL

Date: July 25, 1996

Time: 2:00 to 4:30 p.m.

Mine: Gordon Creek 2, 7, & 8

File Number: ACT/007/016

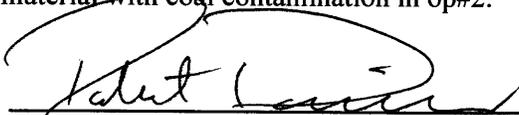
DOGM Staff: Robert Davidson

Other Attendees: David Steed and Pat Axelsen

Purpose: Soil sampling

Observations: Sampled soil in connection with two soil issues: (1) Substitute topsoil for #2 Mine and (2) the #8 Mine topsoil in conjunction with #7 Mine topsoil for reclamation at #7 Mine.

Actions: Took 4 sets of soil samples. Set "A" was from the #8 Mine surface which was recently backfilled, compacted, and graded. Used a hand auger to sample top 8 inches of surface soil material. A composite of 4 auger drills were taken for each sample point or approximately 1-gallon of soil material. The auger-drill samples were placed in a bucket, mixed, poured into a gallon-size zip-lock bag, and labeled. Five samples (ss#1 thru #5) were taken from the #8 Mine. Set "B" were taken from the #8 Mine topsoil pile. Two 1-gallon size samples were taken from the pile. The first (ss#1) from the north end and the second (ss#2) from the south end. Set "C", taken from the #7 topsoil pile, consisted of two 1-gallon size samples (ss#1 and #2). The ss#1 sample was taken from the outward slope and ss#2 was taken from the top. Set "D" were taken from the #2 Mine office pad and road section above the #2 mine pad. Three pits were dug using a track hoe. The *first pit* (road #7) was about 6 feet deep on the outward slope of the road. Three distinct layers were present; the first layer was road base type material, the second was a coal contaminated gravel material, and the third appeared to have soil structure and integrity. Two 1-gallon samples were pulled from this pit - ss#1 (0-18 inches) and ss#2 (18-48 inches). Both the *second pit* (op #1) and *third pit* (op#2) were located on the office-pad surface. They were about 1 to 1.5 feet deep. 1-gallon size samples were taken from each of these pits. Both OP pits revealed poor quality soil material with coal contamination in op#2.

Signature:  on July 26, 1996
Robert A. Davidson, Reclamation Specialist II (Soils)

