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PRICE RIVER COAL COMPANY

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OCT 26 1981

October 20, 1981

CERTIFIED MAIL - Return Receipt Requested

Mr. James W. Smith, Jr.
Coordinator of Mined Land Development
State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

DEPARTMENT OF
OIL, GAS & MINING

Attention: Mr. Phillip Everett Hooper

RE: Soil Information; Crandall Canyon Access Road

Dear Sir:

During a visit to the DOGM offices on October 14, 1981, we discussed the concerns you had about topsoil removal within the proposed Crandall Canyon access road improvement corridor. Your concerns stemmed from statements made on page 18 of our February '81 Crandall Canyon Site Plan submission describing topsoil handling procedures. We have stated that topsoil would not be removed in areas where such removal was technologically unfeasible due to steep slopes or excessive rockiness. The road corridor was specifically mentioned. The most casual inspection of the slopes in question by anyone having even minimal knowledge of heavy equipment capabilities would render the question of topsoil removal to have no practical significance. We do, however, accede to the necessity of substantiating all our claims with unbiased facts. To do this, we have copied and provide to your office information obtained by the U. S. Soil Conservation Service concerning soils of the area. Please find enclosed a copy of a section of a map (produced by SCS) depicting soils associations in the Crandall Canyon area. Note that the soil associations which will be disturbed are labelled, JTG, DPG and further up canyon, FKG. Also, find enclosed descriptions of these associations, the series or variant of these associations, and soil interpretation records.

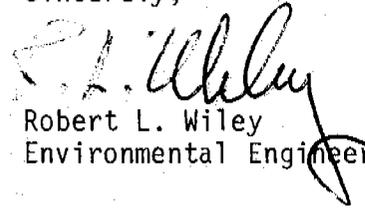
The blue line on the enclosed map indicates the approximate alignment of the access road. Slope measurements (determined using a Suunto Clinometer) along the bank to be disturbed range from 30% to 90%. Boulders 4' diameter and greater occupy a substantial percentage of the slope. Unconsolidated superficial growth medium (analogous to an "A" horizon) ranges from 0 to 8 inches.



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Division of Oil, Gas, and Mining
October 20, 1981
Page 2

I hope that the provided information satisfies the requirements of UMC 817.22(g)(1) for soil non-removal criteria under adverse conditions. Although the road is to remain permanent, some resoiling materials may be needed for the cut slopes. Such materials will be provided as required by 817.22(g)(2).

Sincerely,


Robert L. Wiley
Environmental Engineer

RLW:ga
Enclosure



SCALE 1" = 2000'