

June 22, 1987

TO: FILE

FROM: R. HARDEN

RE: Review of NOV abatement submittal N87-15-2-3, Boyer Mine, Summit Minerals, Inc, ACT/043/008, Summit County Utah

Review of the submittal for the abatement of NOV N87-15-2-3 with regard to submittal of pond embankment stability analysis is considered to be adequate with the following conditions:

1. Assumptions made in the stability analysis are subject to confirmation by soil analysis and laboratory results. The operator shall be required to submit laboratory results and engineering analysis and design indicating that the pond meets the criteria under UMC 817.46(m) or can maintain a factor of safety for the impoundment of 1.5 under saturated conditions for both the inslopes and the outslopes of the sediment ponds.
2. In either case, the operator shall be required to submit analysis, design and plans to the Division for approval and the approved design must be implemented and operating as approved by the Division on or before July 19, 1987.

The operator has submitted to the Division, stability analysis of the Boyer Mine sediment pond. Based on the values presented in the stability analysis of the pond, the pond will exceed the 1.5 factor of safety for the embankment under all conditions. Until such time as the actual field data and samples have been analyzed and the results incorporated into the design and the analysis of the embankment, it is reasonable to assume that the pond will function within the stability requirements of the regulations.

cc: S. Linner
R. Summers