

0017

**Utah
power**

& LIGHT COMPANY
MINING DIVISION
P.O. Box 310
Huntington, Utah 84528

ACT/015/018-870
File Folder #2

RECEIVED

SEP. 21 1987

DIVISION OF OIL
GAS & MINING

September 21, 1987

FILE COPY

Mr. John Whitehead
Permit Supervisor
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear Mr. Whitehead:

RE: C-2 Conveyor Culvert Installation
Deer Creek Mine ACT/015/018

Transmitted herewith, please find a portion of a map showing the location of a culvert which was recently installed to control runoff from the Deer Creek Mine access road. (The complete map is found in the Deer Creek Mine P.A.P., Packet 5-1, Map Number CM-10673-DR.)

As you are aware, the access road to the Deer Creek Mine is a county road. A portion of the road, approximately 1400 feet, runs adjacent to the Deer Creek overland conveyor as indicated on the map.

Drainage along the portion of the conveyor in this area is controlled through the use of berms, water bars and silt fences. A berm along the conveyor separates road runoff from conveyor drainage. Road runoff water collects along the berm and flows to the location where the culvert is installed.

Prior to culvert installation, the road runoff water passed beneath the conveyor and flowed along the conveyor route causing erosion of the conveyor support foundations. Improvements to the road drainage system, which would eliminate this problem, were discussed with Emery County officials; however, no positive response has been received and no action has taken place. Therefore, to prevent further erosion damage beneath the conveyor, it was determined that installation of a culvert was an effective,

Mr. John Whitehead
September 21, 1987
Page 2 of 2

short-term solution. This was discussed with DOGM enforcement and technical staff personnel.

Approximately sixty (60) feet of 24 inch diameter CMP has been installed at the location shown on the map. A flared metal-end-section is installed at the culvert inlet and riprap protection is provided at both the inlet and discharge sites. The culvert extends beyond both sides of the conveyor and allows road runoff water to be collected and discharged into Deer Creek without being affected by conveyor drainage.

When road improvement and road drainage modifications take place, the effectiveness and compatibility of the culvert will be determined and it will be incorporated into the county road drainage plan or it will be replaced.

If you have questions concerning this matter or require additional information, please call me at (801) 687-9821.

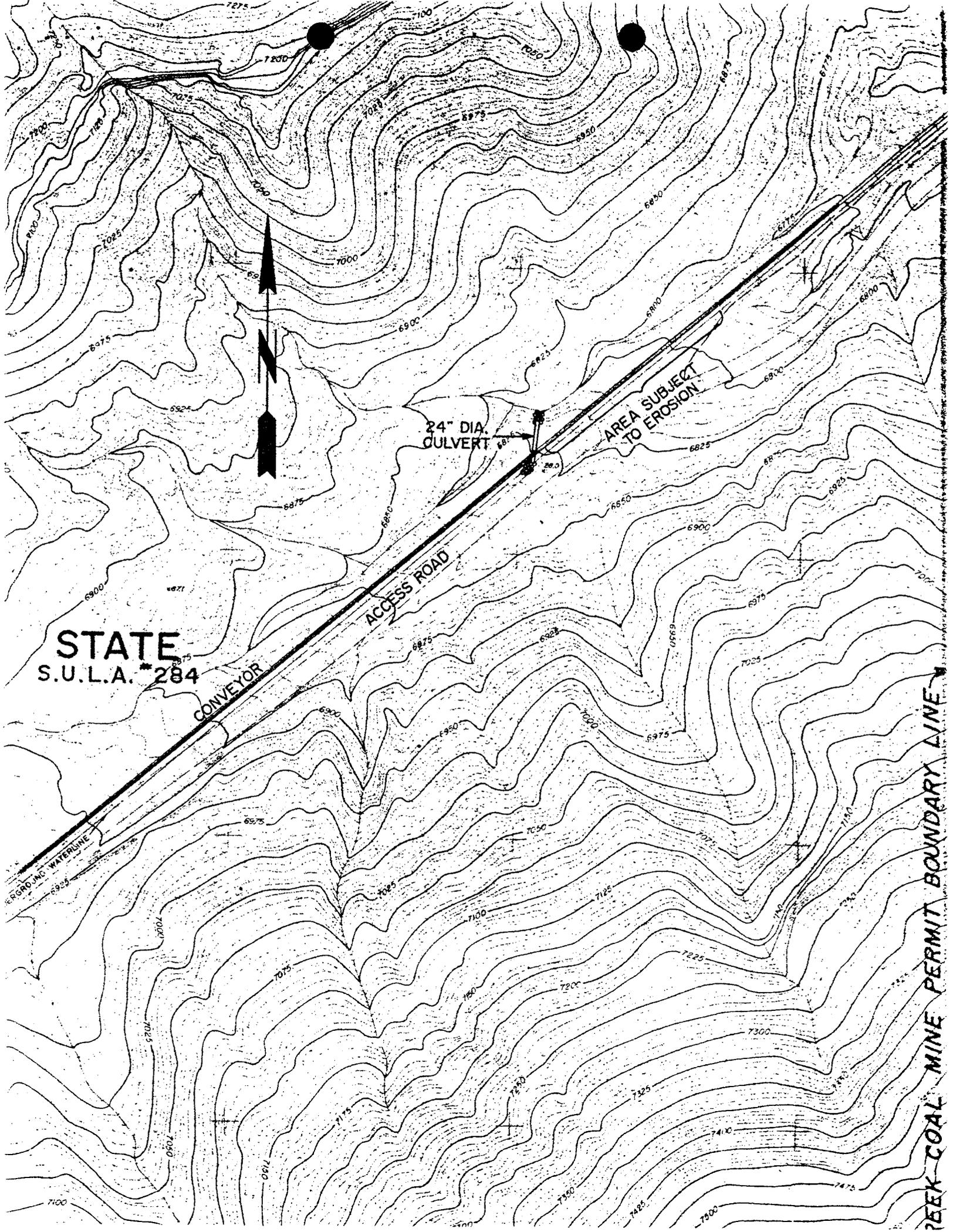
Sincerely,



Val Payne
Environmental Engineer

VP/lbk

cc: D. Baker
R. Christensen
B. Evans
J. Hislop
M. Moon
M. Poling
File



STATE
S.U.L.A. #284

CONVEYOR

ACCESS ROAD

24" DIA.
CULVERT

AREA SUBJECT
TO EROSION

BEEK COAL MINE PERMIT BOUNDARY LINE