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ACT/01/007
#2Approved 12/28/90
Susan White**CONSULTANTS GROUP**

GEOLOGY

ENGINEERING

ENVIRONMENT

HYDROLOGY

December 18, 1990

RECEIVED
DEC 20 1990

Ms. Pam Grubaugh-Littig
Permit Supervisor
Utah Division of Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

DIVISION OF
OIL, GAS & MINING

Dear Ms. Grubaugh-Littig,

Enclosed are three copies of the revised Final Reclamation Map for the CalMat Hidden Valley Mine. This map is a revision to Plate III of the Reclamation Plan which was submitted in 1986. The revision was prepared to answer a request by Ms. Susan White of your staff that was relayed to CalMat in your letter of November 21, 1990 to Lee Edmunson.

The revised map shows a corrected location of erosion control matting on the A-seam, the reclaimed diversion above the A-seam, the silt fences below the B-seam, the outflow channel at the old sediment pond discharge, the diversion above the B-seam, and the temporary water retention berms. The revisions were necessary to correct mapping errors and to provide a single map which shows the pertinent features of the reclamation plan rather than several sheets showing various features.

The areas described as highwalls in your letter of November 21, 1990 are not actually highwall areas, so they have not been shown as such on the maps. The area in question above the A-seam was actually a diversion cut put in during the time of bulk-sampling to direct water away from the seam. During reclamation, this cut was left in place to keep runoff away from the backfilled seam area. The area above the B-seam was a road surface above the level of the coal seam. It currently serves as a permanent diversion to direct upstream runoff away from the backfilled seam area and toward the west. Both of these areas are integral parts of the reclamation plan and have been labeled on the revised map.

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We hope that the revised map will be of benefit to the Division. Please contact us or Lee Edmunson of CalMat if any additional information is needed.

Sincerely,

Karla Knoop / P.D.

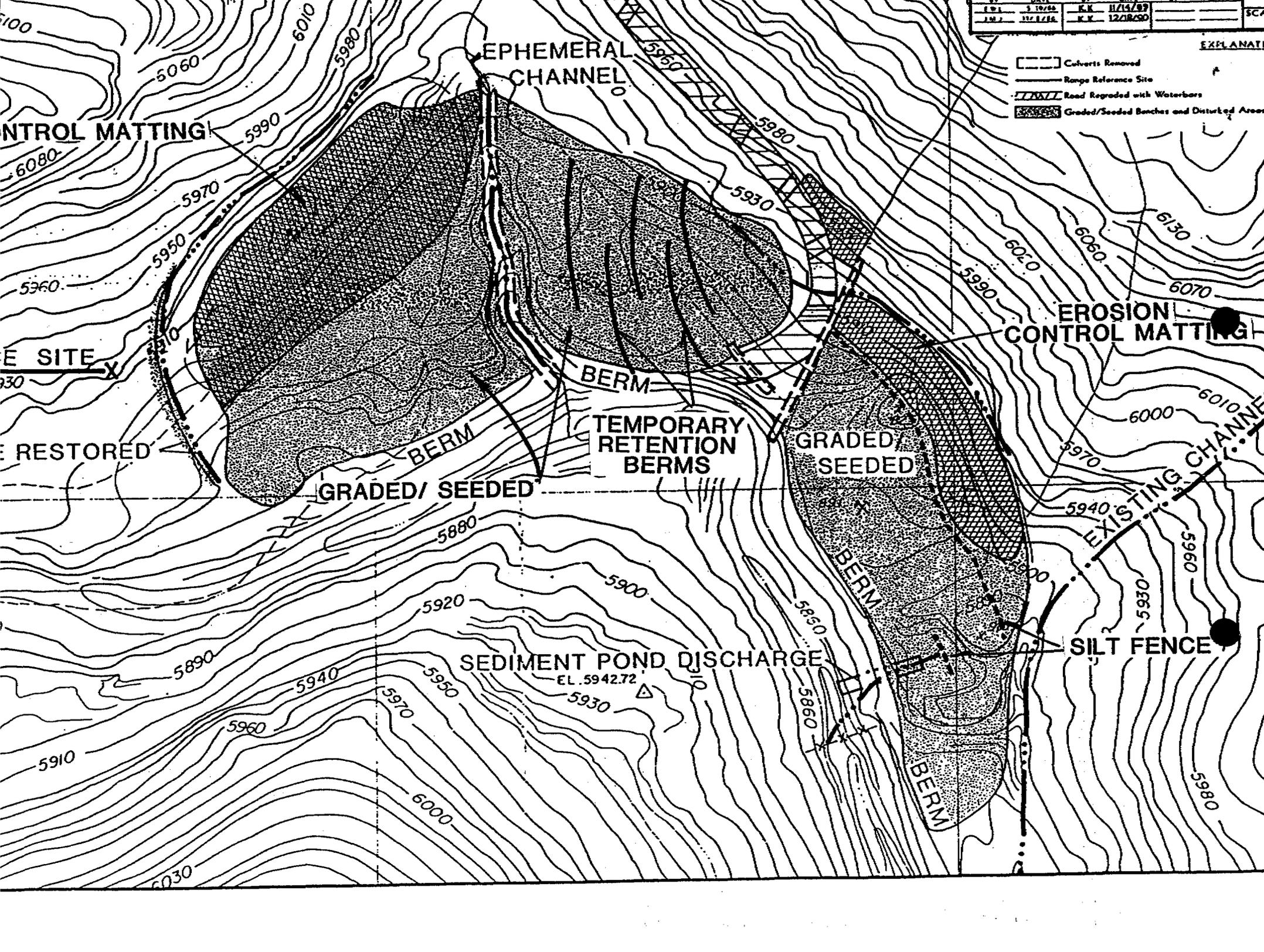
Karla Knoop
Hydrologist

Enclosures: Revised Final Reclamation Map, 3 copies

Copies: Joe Jarvis, JBR, Cedar City
JBR SLC Office File
Lee Edmunson, CalMat

EXPLANATION

-  Coverts Removed
-  Range Reference Site
-  Road Regraded with Waterbars
-  Graded/Seeded Benches and Disturbed Areas



CONTROL MATTING

EPHEMERAL CHANNEL

E SITE

RESTORED

GRADED/ SEEDED

BERM

TEMPORARY RETENTION BERMS

GRADED/ SEEDED

BERM

EROSION CONTROL MATTING

EXISTING CHANNEL

SILT FENCE

SEDIMENT POND DISCHARGE

EL. 5942.72

BERM

6000

6030