



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

*Record with
bellwtd
12/17/91*

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MEMORANDUM

DATE: December 17, 1991
FOR: David Brooks, Acting Director, HLPD
FROM: Paul T. Prestholt, Sr. OR - YMP *PTP*
SUBJECT: YMP Site Report

I. SURFACE BASED TESTING PROGRAM

There are nine activities planned in the Surface Based Testing Program. One activity has been completed, seven are under way and one has not started. These activities are as follows:

A. Midway Valley: The first trench has been excavated, mapped and back filled. The job package is being revised for an early calendar 1992 restart of additional excavations. The WBS responsibility for this activity is shifting from Sandia to the USGS.

B. Quaternary Faulting - Site Area: This activity has a planned start date of April, 1992. The study plan has been transmitted to the NRC for Phase I review. The Project is waiting for the detailed work description from the Principal Investigator.

C. Quaternary Faulting - Region: This activity has a planned start date of March 1992. The study plan for this activity has not been completed.

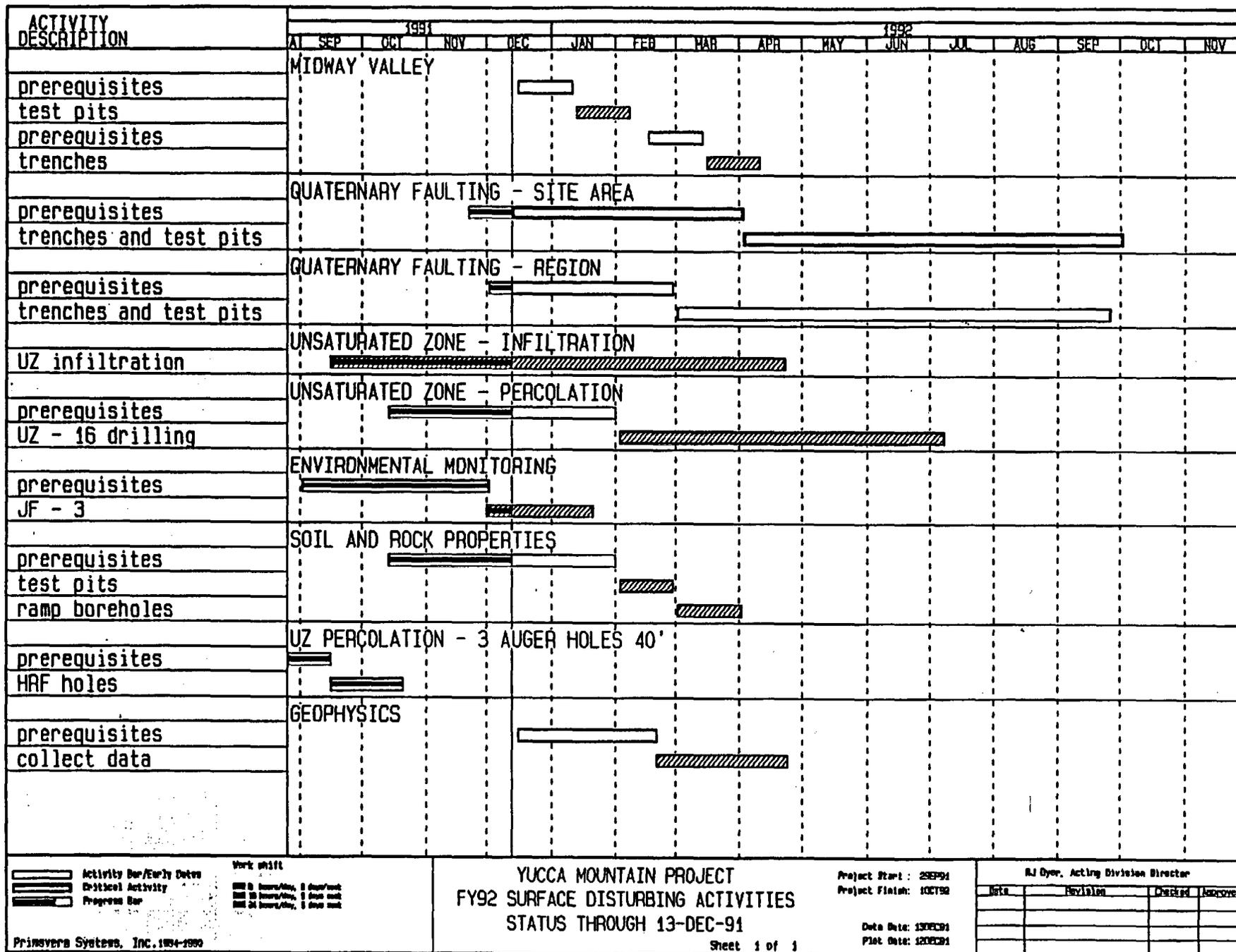
D. Paleoenvironment: This work is scheduled for FY 93. No trenching is anticipated in FY 92.

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WM-11
NH03*

- E. Unsaturated Zone Natural Infiltration: This work started in September, 1991. The test planning and job packages are complete. Drill holes N55 and N54 are complete. Both are 200 foot holes, cased to total depth and used for neutron logging. These holes are full length cored. The third hole will be 100 feet in depth and drilling will start on or about January 1, 1992.
- F. Unsaturated Zone Percolation - UZ-16 (VSP2): This will be the first hole to be drilled with the LM-300 rig. It's scheduled to start the first week in February, 1992. It is planned that UZ-16 will penetrate the water table at $\pm 2000'$.
- G. Environmental Monitoring - JF-3: This is a non-site characterization hole that will be drilled to satisfy a commitment to the U.S. Park Service to monitor the draw down caused by the pumping of Well J-13. The hole is being drilled one half mile south of Well J-12 on the east side of 40-mile wash. Drilling started the week of December 16, 1991. Upon completion, the hole will be turned over to the Park Service. This is a non QA activity.
- H. Soil and Rock Properties Ramp Boreholes: The planned start date for this activity is February, 1992. These holes will be drilled along the centerline of the north and south ramps. This activity's study plan is currently under review by NRC staff. The Test Plan and job packages are currently under development.
- I. Hydrologic Research Facility Holes: This activity consists of three 40 foot auger holes. This work has been completed.
- J. Geophysical Reflection Survey: This activity is planned to start in February, 1992. The purpose of this activity is to help locate a deep geologic drillhole in Beatty Wash, north of Yucca Mountain. The Test Planning Package is scheduled for completion in December, 1991. This work will be accomplished by a subcontractor.

A status sheet and schedule is insert (1).

(Insert 1)



Activity Bar/Early Dates

 Critical Activity

 Progress Bar

 Work shift

 0800 to 1600 hours/day, 8 days/week

 1600 to 0800 hours/day, 8 days/week

 0800 to 24 hours/day, 8 days/week

 Primavera Systems, Inc. 1984-1990

YUCCA MOUNTAIN PROJECT
FY92 SURFACE DISTURBING ACTIVITIES
STATUS THROUGH 13-DEC-91

Project Start: 2SEP91
 Project Finish: 1OCT92

Data Date: 13DEC91
 Plot Date: 12DEC91

R.J. Dyer, Acting Division Director

Date	Revision	Checked	Approved