U.S. DEPARTMENT OF ENERGY

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**YUCCA MOUNTAIN
SITE CHARACTERIZATION
PROJECT**

**YUCCA MOUNTAIN
SITE CHARACTERIZATION PROJECT**

**TECHNICAL DATA
CATALOG
(QUARTERLY SUPPLEMENT)**

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UNITED STATES DEPARTMENT OF ENERGY

DOE/RW/00134--T19

**YUCCA MOUNTAIN
SITE CHARACTERIZATION PROJECT**

**TECHNICAL DATA CATALOG
(QUARTERLY SUPPLEMENT)**

JUNE 30, 1995

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INTRODUCTION

The Department of Energy (DOE)/Nuclear Regulatory Commission (NRC) Site-Specific Procedural Agreement for Geologic Repository Site Investigation and Characterization Program requires the DOE to develop and maintain a catalog of data which will be updated and provided to the NRC at least quarterly. This catalog is to include a description of the data; the time (date), place, and method of acquisition; and where the data may be examined. The Yucca Mountain Site Characterization Project (YMP) Technical Data Catalog is published and distributed in accordance with the requirements of the Site-Specific Agreement.

The YMP Technical Data Catalog is a report based on reference information contained in the YMP Automated Technical Data Tracking System (ATDT). The reference information is provided by Participants for data acquired or developed in support of the YMP. The Technical Data Catalog is updated quarterly and distributed in the month following the end of each quarter. A complete revision to the catalog is published at the end of each fiscal year. Supplements to the end-of-year edition are published each quarter. These supplements provide information related to new data items not included in previous quarterly updates and data items affected by changes to previously published reference information. The Technical Data Catalog, dated September 30, 1994, should be retained as the baseline document for the supplements until the end-of-year revision is published and distributed in October 1995.

Requests for data referenced in the Technical Data Catalog must be submitted in writing to the YMP Project Manager, Wesley E. Barnes, at the following address:

U.S. Department of Energy
Yucca Mountain Site Characterization Office
P.O. Box 98608
Las Vegas, NV 89193-8608

Requests should reference the Data Tracking Number (DTN) used to identify each data item included in the Technical Data Catalog and should include the following information: the requester's name, organization, address, and telephone number; the scope of the data requested; a description of the intended use of the data; and any special format preferences. In response to specific requests, the YMP will provide the solicited technical data or information regarding where the data may be examined.

The information contained in the Technical Data Catalog is organized by the governing plan under which the referenced technical data were acquired or developed. The applicable governing plans are identified in the table of contents. Site Characterization Program Baseline (SCPB) data items referenced in the catalog are further grouped by SCPB Activity Number. The catalog also includes a section that identifies data items available in the YMP Reference Information Base (RIB).

The Technical Data Catalog format includes the following information for each referenced data item:

- (1) Data Tracking Number - Unique identifier for the referenced data item.
- (2) Data Title/Description - A brief description of the referenced data item.
- (3) Acquisition/Development Period - The date or range of dates during which the referenced data item was acquired or developed.
- (4) Acquisition/Development Location - The field or laboratory location where the referenced data item was acquired or developed.

(NOTE: Locations are identified by unique names/identifiers or coordinates. Locations identified by coordinates may be expressed in geographic, Nevada state plane, or Universal Transverse Mercator (UTM). Nevada state plane coordinates are indicated by an "(N)" at the end of each coordinate; UTM coordinates are indicated by a "(U)".)

- (5) Acquisition/Development Method - A brief description of the method used and/or the procedure followed to acquire or develop the referenced data item.
- (6) Data Type - An "A" for acquired data or a "D" for developed data.
- (7) Qualified - A "Y" for Yes or an "N" for No indicating whether or not the referenced data item was acquired or developed in accordance with an NRC accepted quality assurance program or qualified in accordance with appropriate YMP procedures.

(NOTE: Developed data items derived from other data sources are not classified as "Qualified" unless the identified data sources are also qualified.)

- (8) Data Location - A "P" indicates that the data reside in, and may be examined only at, a Participant Data Archive. A "C" indicates that the data are in, and may be examined at, the Central Records Facility (CRF). A "T" indicates that the data are in the YMP Technical Data Base Geographic Nodal Information Study and Evaluation System (GENISES). An "R" indicates that the data are in the RIB. Data items, which are indicated to be in the GENISES or RIB, may also be examined in the CRF.

New data items, which were not included in a previous quarterly edition of the Technical Data Catalog, are identified by an asterisk (*) preceding the DTN. Changes to reference information published in a previous edition of the catalog are identified by a double asterisk (**) preceding the DTN for each affected data item.

Appendix A of this document lists the activity numbers and titles of all SCPB related data items referenced in the catalog. Appendix B identifies additions that were incorporated into the GENISES data base during the current quarter. Appendix C identifies superseding data items.

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ENVIRONMENTAL MONITORING AND MITIGATION PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS950600121347.001	DEPTH-TO-WATER DATA, DISCHARGE DATA AND BAROMETRIC PRESSURE DATA FROM WELL JF-3, 2/24/92 - 3/12/92.	02/24/92-03/12/92	HP-54,R0, "WATER-FLOW MEASUREMENTS USING 90-DEGREE V-NOTCH WEIRS, FLUMES AND BARRELS," HP-60,R1, "METHOD FOR MONITORING WATER LEVEL CHANGES USING PRESSURE TRANSDUCERS," HP-99,R1, "INSTRUCTION FOR THE OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS," AND HP-172,R0 "WATER LEVEL MEASUREMENT USING A TEN-TURN POTENTIOMETER."	A N P
	ACQN/DEVL LOCATION : UE-25 JF3			
*GS950600121347.002	DEPTH-TO-WATER DATA AND BAROMETRIC PRESSURE DATA FROM WELL UE-25 J#12, 12/17/91 - 5/12/92.	12/17/91-05/12/92	HP-60,R1, "METHOD FOR MONITORING WATER LEVEL CHANGES USING PRESSURE TRANSDUCERS," AND HP-99,R1, "INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS."	A N P
	ACQN/DEVL LOCATION : UE-25 J#12			

METEOROLOGICAL MONITORING PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM000000000001.059	AMBIENT AIR MONITORING REPORT, JULY - SEPTEMBER 1994 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	07/01/94-09/30/94	REFORMATTING OF DATA FROM ON-SITE DATALOGGERS	D Y C
**TM000000000001.062	ORIGINAL SOURCE HARDCOPY DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	01/01/93-12/31/93	DATA ACQUIRED FROM ON-SITE DATALOGGERS	A Y T
*TM000000000001.064	ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE, PRECIPITATION QUANTITY, RELATIVE HUMIDITY, TEMPERATURE, WIND SPEED, AND WIND DIRECTION ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	01/01/95-03/31/95	DATA ACQUIRED FROM ON-SITE DATALOGGERS	A Y P
*TM000000000001.065	VALIDATED METEOROLOGICAL DATA ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	01/01/95-03/31/95	OBJECTIVE PROGRAM SCANNING, SUPPLEMENTED BY PROFESSIONAL JUDGEMENT	D Y P

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PERFORMANCE ASSESSMENT MANAGEMENT PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**SNL15041284001.001	HYDROLOGIC MECHANISMS GOVERNING FLUID FLOW IN A PARTIALLY SATURATED, FRACTURED, POROUS MEDIUM.	10/01/84-12/01/85	NUMERICAL RESULTS ARE FROM THE TOPOPAH SPRING MEMBER OF YUCCA MOUNTAIN, NEVADA BY THE MEASURING OF FRACTURE SURFACE CHARACTERISTICS, SPACINGS, AND ORIENTATIONS BASED ON CORE ANALYSES, AND FROM MATRIX CURVES BASED ON LABORATORY MEASUREMENTS OF TUFF SAMPLES FROM THAT LOCATION.	A N C
	ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY			
*SNL19011590003.002	LOGBOOK FOR INVESTIGATION OF FRACTURE-MATRIX INTERACTION IN THE TOPOPAH SPRING TUFF.	08/14/93-02/28/94	TEST X-RAY VISUALIZATION TECHNIQUES FOR FRACTURE FLOW AND IMBIBITION IN A ROCK MASS.	A N C
	ACQN/DEVL LOCATION : SANDIA NATIONAL LABORATORIES, ALBUQUERQUE, NM			

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RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM0000000001991.041	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1991 SOIL SAMPLES. THIS DATA PACKAGE CONTAINS DATA FROM SAMPLE SITE NF06. THIS DATA SUPPLEMENTS DATA IDENTIFIED BY DATA TRACKING NUMBER TM0000000001991.017. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ	05/06/91-04/07/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A Y C
**TM0000000001991.042	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1991 SOIL SAMPLES. THESE SAMPLES WERE TAKEN IN MAY 1991 FROM NF 10, 11, 61, 67, OCTOBER 1991 FROM NF 88, 91, 92, 93, AND DECEMBER 1991 FROM UZ16. THIS DATA SUPPLEMENTS DATA IDENTIFIED BY DATA TRACKING NUMBER TM0000000001991.017. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ	05/01/91-12/31/91	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A Y C
**TM0000000001992.051	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS SOIL SAMPLE DATA FROM SEISMIC SHOT HOLES PERFORMED IN AREA 25 DURING 1992. THIS DATA SUPPLEMENTS DATA IDENTIFIED BY DATA TRACKING NUMBER TM0000000001992.023 ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ.	07/17/92-11/24/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A Y C
**TM0000000001992.052	VALIDATED EPERM DATA FOR JANUARY THROUGH DECEMBER 1992. THIS DATA SUPPLEMENTS DATA IDENTIFIED BY DATA TRACKING NUMBERS TM0000000001992.001, TM0000000001992.002, TM0000000001992.003, TM0000000001992.004, TM0000000001992.005, TM0000000001992.006, TM0000000001992.007, TM0000000001992.008, TM0000000001992.009, TM0000000001992.010, TM0000000001992.011, TM0000000001992.012. ACQN/DEVL LOCATION : NEAR FIELD AND FAR FIELD SAMPLING SITES	01/07/92-01/04/93	ORIGINAL DATA ACQUIRED PER WI-RM-770, REV. A Y C 4, ICN 0. DATA VALIDATED PER WI-RM-122, REV. 0, ICN 0, AND WI-RM-126, REV.0 ICN 0.	A Y C

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RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TM000000001992.059	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1991 & 1992 SOIL SAMPLES. THESE SOIL SAMPLES WERE OBTAINED 0591 AT NF 67; 0292 AT SS513; 1092 AT BORROW PIT R25B10; 1192 AT SS515 & SS517; 1292 AT NF 108; 0393 AT SS511. THIS DATA SUPPLEMENTS DATA IDENTIFIED BY DATA TRACKING NUMBER TM0000000001991.017. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ.	05/01/91-03/01/93	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A Y C
**TM0000000001993.004	EPERM DATA FOR APRIL 1993. ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83	04/07/93-05/07/93	DATA ACQUIRED PER WI-RM-770, REV. 4.	A Y C
**TM0000000001993.005	EPERM DATA FOR MAY 1993. ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83	05/06/93-06/01/93	DATA ACQUIRED PER WI-RM-770, REV. 4.	A Y C
**TM0000000001993.006	EPERM DATA FOR JUNE 1993. ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83	06/01/93-07/01/93	DATA ACQUIRED PER WI-RM-770, REV. 4.	A Y C
**TM0000000001993.007	EPERM DATA FOR JULY 1993. ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83	07/01/93-08/04/93	DATA ACQUIRED PER WI-RM-770, REV. 4.	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM000000001993.008	EPERM DATA FOR AUGUST 1993. ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83	08/04/93-09/07/93	DATA ACQUIRED PER WI-RM-770, REV. 4.	A Y C
**TM000000001993.009	EPERM DATA FOR SEPTEMBER 1993. ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83	09/07/93-10/05/93	DATA ACQUIRED PER WI-RM-770, REV. 4.	A Y C
**TM000000001993.042	ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR JUNE 1993. ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES 06 AND 87	06/04/93-07/02/93	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 0, ICN 0.	A Y C
**TM000000001993.043	ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR JULY 1993. ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES 06 AND 87	07/02/93-08/03/93	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 0, ICN 0.	A Y C
**TM000000001993.044	ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR AUGUST 1993. ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES 06 AND 87	08/03/93-09/02/93	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 0, ICN 0.	A Y C
**TM000000001993.045	ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR SEPTEMBER 1993. ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES 06 AND 87	09/02/93-10/01/93	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 0, ICN 0.	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM000000001993.046	ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR OCTOBER 1993.	10/01/93-11/02/93	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 0, ICN 0.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES 06 AND 87			
**TM000000001993.050	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR SECOND QUARTER 1993.	04/01/93-06/30/93	TLD EXCHANGE AND HANDLING PER TMSS WORK INSTRUCTIONS WI-RM-901, REV. 3, WI-RM-902, REV. 1, WI-RM-903, REV. 1, AND WI-RM-905, REV. 1. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, NJ.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD AND FAR FIELD MONITORING SITES			
**TM000000001993.051	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR THIRD QUARTER 1993.	06/29/93-10/04/93	TLD EXCHANGE AND HANDLING PER T&MSS WORK INSTRUCTIONS WI-RM-901, REV. 3, 902, REV. 1, 903, REV.1, AND 905, REV. 1. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, NJ.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD AND FAR FIELD MONITORING SITES			
**TM000000001993.052	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR FOURTH QUARTER 1993.	09/23/93-01/23/94	TLD EXCHANGE AND HANDLING PER TMSS WORK INSTRUCTIONS WI-RM-901, REV. 3, 902, REV.1, 903, REV.1, AND 905, REV. 1. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, NJ.	A Y C
	ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD MONITORING SITES			

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RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM000000001993.053	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1993 VEGETATION SAMPLES. SAMPLES FROM NEAR FIELD SITES 32, 32C, 33, 38, 42, 45, 71, 73, 80, 82, 83, AND 84. ACQN/DEVL LOCATION : TELEDYNE ISOTOPE OF WESTWOOD, NJ	07/01/93-07/31/93	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A Y C
**TM000000001994.008	CONTINUOUS AIR SAMPLER DATA FOR AUGUST 1994. ACQN/DEVL LOCATION : NEAR FIELD AND FAR FIELD CAS SITES	07/31/94-08/31/94	DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTIONS WI-RM-702, REV. 5 AND WI-RM-703, REV. 2.	A Y C
**TM000000001994.009	CONTINUOUS AIR SAMPLER DATA FOR SEPTEMBER 1994. ACQN/DEVL LOCATION : NEAR FIELD AND FAR FIELD CAS SITES	08/29/94-10/05/94	DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTIONS WI-RM-702, REV. 5, AND WI-RM-703, REV. 2.	A Y C
*TM000000001994.012	CONTINUOUS AIR SAMPLER DATA FOR DECEMBER 1994. ACQN/DEVL LOCATION : NEAR FIELD AND FAR FIELD CAS SAMPLE LOCATIONS	11/28/94-12/27/94	DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTIONS WI-RM-702, REV. 5 AND WI-RM-703, REV. 2.	A Y P
**TM000000001994.020	ENVIRONMENTAL RADON MEASUREMENTS FOR AUGUST 1994. THIS DATA IS SUPPLEMENTED BY DATA IDENTIFIED BY DATA TRACKING NUMBER TM000000001994.024. ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD SAMPLE SITES	07/31/94-09/06/94	DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTION WI-RM-770, REV. 4, ICN 0.	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM000000001994.021	EPERM DATA FOR SEPTEMBER 1994. THIS DATA IS SUPPLEMENTED BY DATA IDENTIFIED BY DATA TRACKING NUMBER TM000000001994.024.	09/07/94-10/06/94	DATA ACQUIRED PER WI-RM-770, REV. 4.	A Y C
ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83				
*TM000000001994.024	ENVIRONMENTAL RADON MEASUREMENTS FOR DECEMBER 1994. THIS DATA SUPPLEMENTS DATA IDENTIFIED BY DATA TRACKING NUMBERS TM000000001994.013, TM000000001994.014, TM000000001994.015, TM000000001994.016, TM000000001994.017, TM000000001994.018, TM000000001994.019, TM000000001994.020, TM000000001994.021, TM000000001994.022, TM000000001994.023.	12/06/94-01/05/95	DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTIONS WI-RM-770, REVISION 4.	A Y P
ACQN/DEVL LOCATION : RFPD NEAR FIELD AND FAR FIELD SAMPLE LOCATIONS				
**TM000000001994.041	ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR MAY 1994. THIS DATA IS SUPPLEMENTED BY DATA IDENTIFIED BY DATA TRACKING NUMBER TM000000001994.048.	05/03/94-05/27/94	DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTION WI-RM-710, REVISION 1, ICN 0.	A Y C
ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES 06 AND 87				
**TM000000001994.042	ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR JUNE 1994. THIS DATA IS SUPPLEMENTED BY DATA IDENTIFIED BY DATA TRACKING NUMBER TM000000001994.048.	06/02/94-06/30/94	DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTION WI-RM-710, REVISION 1, ICN 0.	A Y C
ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES 06 AND 87				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM000000001994.043	ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR JULY 1994. THIS DATA IS SUPPLEMENTED BY DATA IDENTIFIED BY DATA TRACKING NUMBER TM000000001994.048.	07/01/94-07/31/94	DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTION WI-RM-710, REVISION 1, ICN 0.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES 06 AND 87			
**TM000000001994.044	ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR AUGUST 1994. THIS DATA IS SUPPLEMENTED BY DATA IDENTIFIED BY DATA TRACKING NUMBER TM000000001994.048.	08/01/94-08/31/94	DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTION WI-RM-710, REVISION 1, ICN 0.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES 06 AND 87			
**TM000000001994.045	ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR SEPTEMBER 1994. THIS DATA IS SUPPLEMENTED BY DATA IDENTIFIED BY DATA TRACKING NUMBER TM000000001994.048.	09/02/94-10/07/94	DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTIONS WI-RM-710, REVISION 1.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES 06 AND 87			
*TM000000001994.048	ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR DECEMBER 1994. THIS DATA SUPPLEMENTS DATA IDENTIFIED BY DATA TRACKING NUMBERS TM000000001994.039, TM000000001994.040, TM000000001994.041, TM000000001994.042, TM000000001994.043, TM000000001994.044, TM000000001994.045, TM000000001994.046, TM000000001994.047.	12/02/94-01/05/95	DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTIONS WI-RM-710, REVISION 1.	A Y P
	ACQN/DEVL LOCATION : RFPD NEAR FIELD SAMPLE LOCATIONS 06 AND 87			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM000000001994.049	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR FIRST QUARTER 1994.	12/30/93-04/03/94	TLD EXCHANGE AND HANDLING PER T&MSS WORK INSTRUCTIONS WI-RM-901, REV. 3, 902, REV. 1, 903, REV. 1, AND 905, REV. 1. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, NJ.	A Y C
ACQN/DEVL LOCATION : RFPD NEAR FIELD AND FAR FIELD MONITORING SITES				
**TM000000001994.050	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR SECOND QUARTER 1994.	04/04/94-06/30/94	TLD EXCHANGE AND HANDLING PER T&MSS WORK INSTRUCTIONS WI-RM-901, REV. 3, 902, REV. 1, 903, REV.1, AND 905, REV. 1. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, NJ.	A Y C
ACQN/DEVL LOCATION : RFPD NEAR FIELD AND FAR FIELD MONITORING SITES				
*TM000000001994.051	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR THIRD QUARTER 1994.	06/23/94-10/24/94	TLD EXCHANGE AND HANDLING IN ACCORDANCE WITH T&MSS WORK INSTRUCTIONS WI-RM-901, REV. 3, 902, REV.1, 903, REV.1, AND 905, REV. 1. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, NJ.	A Y P
ACQN/DEVL LOCATION : RFPD NEAR FIELD AND FAR FIELD SAMPLE LOCATIONS				
*TM000000001994.052	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR FOURTH QUARTER 1994.	10/04/94-01/24/95	TLD EXCHANGE AND HANDLING IN ACCORDANCE WITH T&MSS WORK INSTRUCTIONS WI-RM-901, REV. 3, 902, REV.1, 903, REV.1, AND 905, REV. 1. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, NJ.	A Y P
ACQN/DEVL LOCATION : RFPD NEAR FIELD AND FAR FIELD SAMPLE LOCATIONS				

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM00012562T1BA.001	SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING FY 1989 (NOVEMBER 1989).	10/01/88-09/30/89	COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT OF CHARACTERISTICS OF SOUTHERN NYE COUNTY. THESE DATA WERE OBTAINED FROM VALLEY ELECTRIC ASSOCIATION IN PAHRUMP. DATA WAS VERIFIED BY FIELD OBSERVATIONS.	A N T
ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)				
**TM00012562T1BA.003	YUCCA MOUNTIAN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING FY 1990 (DECEMBER 1990).	10/01/89-09/30/90	COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS IN EACH COMMUNITY AND VERIFIED BY FIELD OBSERVATIONS.	A N T
ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)				
**TM00012562T1BA.004	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1990 (APRIL 1991).	01/01/90-12/31/90	COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY DURING CALENDAR YEAR 1990. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS IN EACH COMMUNITY AND VERIFIED BY FIELD OBSERVATIONS.	A N T
ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)				
**TM00012562T1BA.006	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1991 (APRIL 1992)	01/01/91-12/31/91	COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY AND PORTIONS OF CLARK COUNTY. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS IN EACH COMMUNITY AND VERIFIED BY FIELD OBSERVATIONS.	A Y T
ACQN/DEVL LOCATION : 84 KM RADIUS OF 116 25 35.1W 36 51 05.46N				

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RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM00121362T1DA.001	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1992 (MAY 1993)	01/01/92-12/31/92	COLLECTION OF DATA THAT DESCRIBES THE DEVELOPMENTAL CHARACTERISTICS OF SOUTHERN NYE COUNTY, PORTIONS OF CLARK COUNTY, AND PORTIONS OF DEATH VALLEY NATIONAL MONUMENT, CALIFORNIA. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS WITHIN THE COMMUNITIES, FROM FIELD OBSERVATIONS, AND FROM SECONDARY SOURCES.	A Y T
ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)				
**TM00121362T1EA.001	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1993 (JUNE 1994)	01/01/93-12/31/93	COLLECTION OF DATA THAT DESCRIBES THE DEVELOPMENTAL CHARACTERISTICS OF SOUTHERN NYE COUNTY AND PORTIONS OF CLARK COUNTY, NEVADA, AS WELL AS PORTIONS OF DEATH VALLEY NATIONAL MONUMENT, CALIFORNIA. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS WITHIN THE COMMUNITIES, FROM FIELD OBSERVATIONS, AND FROM SECONDARY SOURCES.	A Y T
ACQN/DEVL LOCATION : 84 KM RADIUS OF N4078351.6(U), E551135.7(U)				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TM00000000UZ14.001	USW UZ-14 COMPOSITE BOREHOLE LOG, SHIFT DRILLING SUMMARIES (QA) (0.0'-2223.6'), LITHOLOGIC LOGS (QA) (1280.0'- 2223.6'), & STRUCTURAL LOGS (QA) (1282.0'-2223.6') .	04/15/93-05/06/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES WERE CONDUCTED IN ACCORDANCE WITH BTP-SMF-008 REV. 3, ICN 3, YLP-SII.2Q.SMF 0/0,1/0, 2/0.	A Y P
	ACQN/DEVL LOCATION : N771,309.8(N) E560,141.6(N) ELEVATION 4425.4'			
*TM00000000UZ14.002	USW UZ-14 STRUCTURAL LOGS (NQA) (0.0-1282.0') & LITHOLOGIC LOGS (NQA) (0.0'-1280.0').	04/15/93-05/06/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES WERE CONDUCTED IN ACCORDANCE WITH BTP-SMF-008 REV. 3, ICN 3.	A N P
	ACQN/DEVL LOCATION : N771,309.8(N) E560,141.6(N) ELEVATION 4425.4'			
*TM00000000UZ16.001	UE-25 UZ#16 PRELIMINARY COMPOSITE BOREHOLE LOG, STRUCTURAL LOGS, LITHOLOGIC LOGS, & SHIFT DRILLING SUMMARIES FROM 0.0'-1686.2'.	05/27/92-03/11/93	SAMPLE COLLECTING AND PROCESSING ACTIVITIES WERE CONDUCTED IN ACCORDANCE WITH BTP-SMF-008 REV. 2/ICN 1, 3/0, 3/1, 3/2, & 3/3.	A N P
	ACQN/DEVL LOCATION : N:760,535.2(N) E:564,857.5' (N) ELEVATION 4000.6'			
**TM00000000SD9RS.001	USW SD-9 SHIFT DRILLING SUMMARIES (7.4'-1489.2'), STRUCTURAL LOGS (53.6'-1488.0'), AND LITHOLOGIC LOGS (0.0-1450.0').	05/19/94-07/06/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY THE DRILLING SUPPORT AND SAMPLE MANAGEMENT DEPARTMENT IN ACCORDANCE WITH YLP-SII.2Q-SMF, FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y T
	ACQN/DEVL LOCATION : N767,974(N) (EST) E561,805(N) (EST) GROUND ELEV. 4270' (EST)			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM0000000SD9RS.002	USW SD-9 SHIFT DRILLING SUMMARIES, STRUCTURAL LOGS, AND LITHOLOGIC LOGS FROM APPROX. 1450.0' TO 1690.6.	08/22/94-09/02/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY THE DRILLING SUPPORT AND SAMPLE MANAGEMENT DEPARTMENT IN ACCORDANCE WITH YMP-SII.2Q-SMF, FIELD LOGGINGS, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y T
	ACQN/DEVL LOCATION : N767,974(N) (EST) E561,805(N) (EST) GROUND ELEV. 4270' (EST)			
**TM0000000SD9RS.003	USW SD-9 SHIFT DRILLING SUMMARIES, STRUCTURAL LOGS, AND LITHOLOGIC LOGS FROM APPROX. 1665' TO 2030.6'.	09/06/94-09/21/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY THE DRILLING SUPPORT AND SAMPLE MANAGEMENT DEPARTMENT IN ACCORDANCE WITH PROCEDURE "FIELD LOGGINGS, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES".	A Y T
	ACQN/DEVL LOCATION : N767,974(N) (EST) E561,805(N) (EST) GROUND ELEV. 4270' (EST)			
**TM0000000SD12RS.006	USW SD-12 SHIFT DRILLING SUMMARIES (0.0'-300.8'); STRUCTURAL LOGS (53.0'-295.8'), AND LITHOLOGIC LOGS (0.0'-278.3').	01/28/94-03/31/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF, FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y T
	ACQN/DEVL LOCATION : N761,956.59(N) (EST) E561,605.70(N) (EST) GROUND ELEV.:4342.99' (EST)			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM000000SD12RS.008	USW SD-12 SHIFT DRILLING SUMMARIES, LITHOLOGIC LOGS, AND STRUCTURAL LOGS.	08/01/94-08/19/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY THE DRILLING SUPPORT AND SAMPLE MANAGEMENT DEPARTMENT IN ACCORDANCE WITH YLP-SII.2Q-SMF, FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y T
ACQN/DEVL LOCATION : N761956.60(N) E561605.70(N) GROUND ELEV. 4343.0'				
*TM0000SD9SUPER.001	USW SD-9 CHANGES TO LITHOLOGIC LOG SUBMITTED UNDER DTN: TM0000000SD9RS.003. THIS DATA SUPERSEDES LITHOLOGIC LOG DATA (P. 71).	09/08/94-09/08/94	THIS DATA WAS COLLECTED IN ACCORDANCE WITH A Y P YLP-SII.2Q.SMF REV. 2, ICN 0.	
ACQN/DEVL LOCATION : N767,974(N) E561,805(N) ELEVATION 4270.0'				
Activity - 8.3.1.2.1.1.1				
**GS920708312111.005	PRECIPITATION DEPTH, IN INCHES, COLLECTED USING A NETWORK OF NON-AUTOMATED, COLLECTOR-TYPE PLASTIC GAUGES. MEASUREMENTS WERE TAKEN AFTER EACH MAJOR PRECIPITATION EVENT AND TOTALLED FOR EACH MONTH. DATA COLLECTED FROM 01/01/90 TO 09/30/91.	01/01/90-09/30/91	PRECIPITATION AMOUNTS WERE READ DIRECTLY FROM A SCALE IMPRINTED ON THE SIDE OF THE GAUGES. MEASUREMENTS WERE MADE IN INCHES OF RAINFALL.	A N T
ACQN/DEVL LOCATION : 36 45'N 116 30'W ;36 57'N 116 17'W ABANDONED WASH EVAPORATION PAN FRAN RIDGE HRF LITTLE PROW PLUG HILL UE-25 UZN#1 UE-25 UZN#10 UE-25 UZN#12 UE-25 UZN#13 UE-25 UZN#14 UE-25 UZN#18 UE-25 UZN#19 UE-25 UZN#2 UE-25 UZN#20				

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SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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UE-25	UZN#22		
UE-25	UZN#23		
UE-25	UZN#28		
UE-25	UZN#29		
UE-25	UZN#3		
UE-25	UZN#30		
UE-25	UZN#4		
UE-25	UZN#5		
UE-25	UZN#56		
UE-25	UZN#6		
UE-25	UZN#60		
UE-25	UZN#7		
UE-25	UZN#8		
UE-25	UZN#85		
UE-25	UZN#9		
UE-25	UZN#92		
UE-25	UZN#97		
UE-25	WT#18		
UE-25	WT#4		
UE-29	UZN#91		
USW	G-2		
USW	G-3		
USW	GA-1		
USW	H-3		
USW	H-5		
USW	UZ-13		
USW	UZ-N24		
USW	UZ-N25		
USW	UZ-N26		
USW	UZ-N40		
USW	UZ-N41		
USW	UZ-N42		
USW	UZ-N43		
USW	UZ-N44		
USW	UZ-N45		
USW	UZ-N46		
USW	UZ-N47		
USW	UZ-N48		
USW	UZ-N49		
USW	UZ-N50		
USW	UZ-N51		
USW	UZ-N52		

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	USW UZ-N67		
	USW UZ-N68		
	USW UZ-N69		
	USW UZ-N70		
	USW UZ-N71		
	USW UZ-N72		
	USW UZ-N73		
	USW UZ-N74		
	USW UZ-N75		
	USW UZ-N76		
	USW UZ-N77		
	USW UZ-N78		
	USW UZ-N79		
	USW UZ-N80		
	USW UZ-N81		
	USW UZ-N82		
	USW UZ-N83		
	USW UZ-N84		
	USW UZ-N86		
	USW UZ-N87		
	USW UZ-N88		
	USW UZ-N89		
	USW UZ-N90		
	USW UZ-N93		
	USW UZ-N94		
	USW UZ-N95		
	USW UZ-N96		
	USW UZ-N98		
	WREN WASH		
	WX STATION 1		
	WX STATION 3		
	WX STATION 4 (NEW)		
	WX STATION 4 (OLD)		
	WX STATION 5		

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.2.1				
*GS921108312121.001	SURFACE WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS AND PRECIPITATION DATA COLLECTED DURING THE 1992 WATER YEAR FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NV, AND INYO COUNTY CA.	10/01/91-09/30/92	THESE DATA WERE COLLECTED UNDER HP#'S HP-43,R1&R2, INSTALL., OPER., & INSPECT OF TWO TYPES OF NON-RECORDING RAIN GAGES, HP-54,R0&R1, WATER-FLOW MEAS USING 90 DEG V-NOTCH WEIRS, FLUMES, & BARRELS, HP-91, R3, COLLECT & FIELD ANALY OF SURFACE-WATER SAMPLES, HP-100,R0,R1, STREAM DISCHARGE MEAS USING A TYPE-AA PRICE CURRENT METER, HP-114,R0&R1, EST OF STREAMFLOW DISCHARGE, HP-115,R1, DETER OF PEAK STREAMFLOW DISCHARGE USING CULVERTS, HP-116,R0&R1, METHOD TO INSTALL, OPER, & EXAMINE A REC-STREAMFLOW GAGE THAT USES A STILL-WELL SYSTEM (WITH A CONT GRAPHIC RECORDER), HP-117,R0&R1, INSTALL, INSPECT & MAINT OF SCOUR CHAINS AT STREAMFLOW GAGING SITES, HP-166,R0&R1, STREAM DISCHARGE MEAS USING A PYGMY CURRENT METER, HP169,R1, DETER OF PEAK STREAMFLOW DISCHARGE BY THE SLOPE-AREA METHOD, & HP-219,R0, METHOD TO INSTALL, OPER & EXAM A RECORDING STREAMFLOW GAGE USING THE FLUID DATA G-II MANOMETER SYSTEM.	A Y P
ACQN/DEVL LOCATION : 37 30'00"N 116 13'45"W 34 50'55"N 117 00'00"W				
**GS930908312121.003	SURFACE-WATER DISCHARGE DATA, INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENT NOTES AND PRECIPITATION DATA, COLLECTED DURING WATER YEARS 1986-1990 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA: PART A, ENDING 5/2/89	10/01/85-05/02/89	METHODS DESC. IN USGS TWRI'S: BK.3: CH.A1, A N C A2,A3&A8; BK 5: CH.A1; BK 8: CH.A2&B2; & USGS-WSP 2175. ALSO HP-40,R1, DETERM. PEAK DISCHARGE BY SLOPE-CONVEYANCE; HP-43,R1, INSTAL., OPER.& INSPECT. 2 TYPES NON-RECORDING RAIN GAGES; HP-44,R1, INSTAL., OPER.& INSPECT. CREST-STAGE STRMFLOW GAGES, HP-45,R1, INSTAL., OPER.& EXAM. RECORDING STRMFLOW GAGE USING BUBBLE-GAGE STACOM MANOMETER; HP-91,R0&R1, COLLECT.& FIELD ANALY. SURF. WATER SAMPLES, HP-100,R0, STREAM DISCHARGE MEAS. USING TYPE-AA PRICE CURRENT METER; HP-114,	

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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R0 EST. STRMFLOW DISCHARGE; HP-115,R0&R1,
 DETER. PEAK STRMFLOW DISCHARGE USING
 CULVERTS; HP-116,R0, INSTAL., OPER,& EXAM.
 REC.-STRMFLOW GAGE THAT USES STILLING WELL
 SYSTEM/ CONT. GRAPHIC RECORDER; HP-117,R0,
 INSTAL., INSPECT.& MAINT. SCOUR CHAINS AT
 STRMFLOW GAGING SITES; HP-166,R0, STRM.
 DISCHARGE MEAS USING PYGMY CURRENT METER;
 HP-169,R0, DETER. PEAK STRM. DISCHARGE BY
 SLOPE-AREA.

ACQN/DEVL LOCATION :

36	34'00"N	115	48'40"W
36	26'09"N	116	04'28"W
36	48'27"N	116	05'41"W
36	33'40"N	116	06'00"W
36	37'35"N	116	08'31"W
36	41'08"N	116	08'52"W
37	09'51"N	116	12'11"W
35	50'55"N	116	13'45"W
36	44'17"N	116	13'58"W
37	10'57"N	116	15'59"W
36	46'06"N	116	19'23"W
36	11'48"N	116	22'06"W
36	53'13"N	116	22'50"W
36	51'58"N	116	23'38"W
36	49'13"N	116	23'52"W
36	48'27"N	116	24'01"W
36	47'35"N	116	24'29"W
36	51'06"N	116	25'44"W
36	40'18"N	116	26'03"W
36	51'16"N	116	27'07"W
36	56'37"N	116	43'09"W
36	52'06"N	116	45'34"W

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
**GS930908312121.004	SURFACE-WATER DISCHARGE DATA, INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENTS NOTES, AND PRECIPITATION DATA COLLECTED DURING WATER YEARS 1986-1990 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA: PART B, BEGINNING 5/3/89	05/03/89-09/30/90	METHODS DESCRIBED IN USGS TWRI'S: BK 3: CH A1,A2,A3&A8; BK 5: CH. A1; BK 8: CH.A2&B2; & USGS-WSP 2175. ALSO HP-40,R1, DETER PEAK DISCHARGE BY SLOPE-CONVEYANCE; HP-43,R1, INSTAL., OPER.& INSPECT. 2 TYPES OF NON-RECORD. RAIN GAGES; HP-44,R1, INSTAL., OPER.& INSPECT. CREST-STAGE STRMFLOW GAGES, HP-45, INSTAL., OPER.& EXAM. RECORDING STRMFLOW GAGE USING BUBBLE-GAGE STACOM MANOMETER; HP- 91, R0&R1, COLLECT.& FIELD ANALY. SURF.-WATER SAMPLES; HP-100,R0, STREAM DISCHARGE MEAS. USING TYPE-AA PRICE CURRENT METER; HP-114, R0, EST. STRMFLOW DISCHARGE, HP-115,R0&R1, DETERM. PEAK STRMFLOW DISCHARGE USING CULVERTS; HP-116,R0, METHOD TO INSTALL, OPER,& EXAM. REC.-STRMFLOW GAGE THAT USES A STILL-WELL SYSTEM/ CONT. GRAPHIC RECORDER); HP-117,R0, INSTAL., INSPECT.& MAINT. OF SCOUR CHAINS AT STRMFLOW GAGING SITES, HP-166,R0, STRMFLOW DISCHARGE BY SLOPE-AREA METHOD.
ACQN/DEVL LOCATION :			
	36 34'00"N 115 48'40"W		
	36 26'09"N 116 04'28"W		
	36 48'27"N 116 05'41"W		
	36 33'40"N 116 06'00"W		
	36 37'35"N 116 08'31"W		
	36 41'08"N 116 08'52"W		
	37 09'51"N 116 12'11"W		
	35 50'55"N 116 13'45"W		
	36 44'17"N 116 13'58"W		
	37 10'57"N 116 15'59"W		
	36 46'06"N 116 19'23"W		
	36 11'48"N 116 22'06"W		
	36 53'13"N 116 22'50"W		
	36 51'58"N 116 23'38"W		
	36 49'13"N 116 23'52"W		
	36 48'27"N 116 24'01"W		
	36 47'35"N 116 24'29"W		
	36 51'06"N 116 25'44"W		
	36 40'18"N 116 26'03"W		

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
	36 51'16"N 116 27'07"W 36 56'37"N 116 43'09"W 36 52'06"N 116 45'34"W		
**GS931108312121.006	SURFACE-WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENT NOTES, LEVEL NOTES, PRECIPITATION AND WATER SAMPLE ANALYSIS FOR THE YUCCA MTN. AREA, SOUTHERN NEVADA AND SOUTHEASTERN CALIFORNIA, 1993 WATER YEAR.	10/01/92-09/30/93	USGS TWRI'S: BOOK 3: CH.A1,A2,A3,A4,A5,A8; A Y P BOOK 5: CH.A1; BOOK 8: CH.A2; AND USGS-WSP 2175. ALSO HP-40,R2, EST. PEAK-STREAMFLOW DISCHARGE BY SLOPE-CONVEYANCE; HP-43,R2, INSTAL.,OPER.&INSPECT. 2 TYPES NON-RECORDING RAIN GAGES; HP-44,R3, INSTAL.,OPER.&EXAM. CREST-STAGE STRMFLOW GAGES; HP-45,R3, INSTAL.OPER.&EXAM. RECORDING STRMFLOW GAGE USING BUBBLE-GAGE STACOM MANOMETER SYSTEM; HP-91,R3, COLLECT.& FIELD ANALY. SURFACE-WATER SAMPLES; HP-100,R1, STREAM DISCHG. MEAS. USING TYPE-AA PRICE CURRENT METER; HP-114, R1, EST. STRMFLOW DISCHG.; HP-115,R1, DETER. PEAK STRMFLOW DISCHG. USING CULVERTS; HP-116,R1&R2, INSTAL., OPER.&EXAM. RECORDING STRMFLOW GAGE THAT USES STILLING-WELL SYSTEM WITH CONT. GRAPHIC RECORDER; HP-117,R2, INSTAL., INSPECT.&MAINT. SCOUR CHAINS AT STRMFLOW GAGING SITES; HP-166,R1, STREAM DISCHG. MEAS. USING PYGMY CURRENT METER; HP-169, R2, DETER. PEAK STRMFLOW DISCHG. BY SLOPE-AREA.
	ACQN/DEVL LOCATION :	36 34'00"N 115 48'40"W 36 26'09"N 116 04'28"W 36 48'27"N 116 05'41"W 36 33'40"N 116 06'00"W 36 27'36"N 116 06'28"W 36 37'35"N 116 08'31"W 36 41'08"N 116 08'52"W 37 09'51"N 116 12'11"W 35 50'55"N 116 13'45"W 36 44'17"N 116 13'58"W 37 10'57"N 116 15'19"W 36 46'06"N 116 19'23"W 37 04'12"N 116 20'23"W 37 04'19"N 116 20'50"W	

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
	37 04'21"N 116 20'50"W		
	36 11'48"N 116 22'06"W		
	36 53'13"N 116 22'50"W		
	36 51'58"N 116 23'38"W		
	34 49'13"N 116 23'52"W		
	36 48'27"N 116 24'01"W		
	36 47'35"N 116 24'29"W		
	36 23'12"N 116 25'22"W		
	36 51'06"N 116 25'44"W		
	36 40'18"N 116 26'03"W		
	36 51'39"N 116 26'08"W		
	36 50'36"N 116 26'26"W		
	36 50'57"N 116 27'07"W		
	36 51'16"N 116 27'07"W		
	36 57'37"N 116 43'09"W		
	36 52'06"N 116 45'04"W		
	36 52'06"N 116 45'34"W		
*GS941208312121.001	SURFACE-WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENT NOTES, LEVEL NOTES, AND PRECIPITATION DATA FOR THE YUCCA MOUNTAIN AREA, SOUTHERN NEVADA AND SOUTHERN CALIFORNIA, 1994 WATER YEAR	10/01/93-09/30/94	USGS TWRI'S: BOOK 3: CH. A3, A6, A7, A8; A Y P BOOK 5: CH A1; BOOK 8: CH A2; AND USGS-WSP 2175 VOL. I AND II. ALSO HP-40, R2, EST. PEAK-STREAMFLOW DISCHARGE BY SLOPE-CONVEYANCE; HP-43,R2, INSTAL., OPER. & INSPECT. 2 TYPES NON-RECORDING RAIN GAGES; HP-44,R3, INSTAL., OPER. & EXAM. CREST-STAGE STREAMFLOW GAGES; HP-45,R3, INSTAL, OPER., & EXAM. RECORDING STREAMFLOW GAGE USING BUBBLE-GAGE STACOM MANOMETER SYSTEM; HP-115,R2, DETERM. PEAK STREAMFLOW DISCHARGE USING CULVERTS: HP-116,R2, METHOD TO INSTALL, OPER. & EXAM. A RECORDING STREAMFLOW GAGE THAT USES A STILLING-WELL SYSTEM WITH CONTINUOUS GRAPHIC RECORDER; HP-117,R2, INSTAL., EXAM. & MAINT. OF SCOUR CHAINS AT STREAMFLOW GAGING SITES; HP-287,R0, METHOD TO INSTALL, OPER., & EXAM. A RECORDING STREAMFLOW GAGE USING USING A PRESSURE TRANSDUCER SYSTEM; HP-166,R1, STREAM DISCHARGE MEASUREMENTS USING A PYGMY CURRENT METER.

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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ACQN/DEVL LOCATION :	36 34'00"N 115 48'40"W		
	36 26'09"N 116 04'28"W		
	36 48'27"N 116 05'41"W		
	36 33'40"N 116 06'00"W		
	36 27'36"N 116 06'28"W		
	36 37'35"N 116 08'31"W		
	36 41'08"N 116 08'52"W		
	37 09'51"N 116 12'11"W		
	35 50'55"N 116 13'45"W		
	36 44'17"N 116 13'58"W		
	37 10'57"N 116 15'19"W		
	36 46'06"N 116 19'23"W		
	37 04'12"N 116 20'23"W		
	37 04'19"N 116 20'50"W		
	37 04'21"N 116 20'50"W		
	36 11'48"N 116 22'06"W		
	36 53'13"N 116 22'50"W		
	36 51'58"N 116 23'38"W		
	34 49'13"N 116 23'52"W		
	36 48'27"N 116 24'01"W		
	36 47'35"N 116 24'29"W		
	36 23'12"N 116 25'22"W		
	36 51'06"N 116 25'44"W		
	36 40'18"N 116 26'03"W		
	36 51'39"N 116 26'08"W		
	36 50'36"N 116 26'26"W		
	36 52'28"N 116 27'04"W		
	36 50'57"N 116 27'07"W		
	36 51'16"N 116 27'07"W		
	36 51'34"N 116 27'15"W		
	36 51'57"N 116 27'25"W		
	36 57'37"N 116 43'09"W		
	36 52'06"N 116 45'04"W		
	36 52'06"N 116 45'34"W		

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.2.2				
**GS910908312122.002	PARTICLE-SIZE DISTRIBUTION ANALYSES, OPHIR CREEK NEAR CARSON CITY, NV (39 17'25"N 119 49'25"W), NOV. 16, 1990	06/12/91-06/12/91	PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS.	A Y C
ACQN/DEVL LOCATION : USGS SEDIMENT LAB, VANCOUVER, WA				
**GS910908312122.003	PARTICLE-SIZE DISTRIBUTION ANALYSES, OPHIR CREEK NEAR CARSON CITY, NV (39 17'25"N 119 49'25"W), MAY 22, 1991.	06/12/91-06/12/91	PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS.	A Y C
ACQN/DEVL LOCATION : USGS SEDIMENT LAB, VANCOUVER, WA				
**GS910908312122.004	PARTICLE-SIZE DISTRIBUTION ANALYSES, OLANCHA FAN CREEK, NEAR INDEPENDENCE, CA (36 14'36"N 118 03'25"W), NOV. 8, 1990.	06/12/91-06/12/91	PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS.	A Y C
ACQN/DEVL LOCATION : USGS SEDIMENT LAB, VANCOUVER, WA				
**GS910908312122.005	PARTICLE-SIZE DISTRIBUTION ANALYSES, OLANCHA FAN CREEK NEAR INDEPENDENCE, CA (36 14'36"N 118 03'25"W), NOV. 9, 1990	06/13/91-06/13/91	PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS.	A Y C
ACQN/DEVL LOCATION : USGS SEDIMENT LAB, VANCOUVER, WA				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.3.2				
**GS920908312132.005	VERTICAL HYDRAULIC GRADIENT DATA AND INTERPRETATION FROM WELLS GS-15, -16, AND -17. PUBLISHED IN "A HINT OF RECHARGE AT FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA, USA" AND "DOES LOCALIZED RECHARGE OCCUR AT A DISCHARGE AREA WITHIN THE GROUND-WATER FLOW SYSTEM OF YUCCA MOUNTAIN, NEVADA?" BY JOHN B. CZARNECKI, DANIEL RONEN, MORDECKAI MARGARITZ, AND LEVY KROITORU. ACQN/DEVL LOCATION : USGS, DENVER, CO	06/13/92-06/30/92	VERTICAL HYDRAULIC GRADIENT CALCULATED BY OBTAINING THE SLOPE OF THE LINE OF BEST FIT THROUGH THE WATER-LEVEL ALTITUDES OF THE THREE WELLS, GS-15, -16, AND -17. INTERPRETATION BASED ON EXAMINATION AND COMPARISON OF SOURCE DATA.	D N C
**GS941108312132.003	HEAT-PULSE FLOWMETER SURVEY DATA FROM WELL USW G-2. ACQN/DEVL LOCATION : USW G-2	11/21/94-11/22/94	SN-0076, "FLOW SURVEYING OF BOREHOLE USW G-2."	A Y T
*GS950483115221.001	TEMPERATURE LOG DATA OBTAINED IN WELL USW G-2, FEBRUARY, 1995. ACQN/DEVL LOCATION : USW G-2	02/01/95-02/01/95	GPP-20,R3-M1, "MEASUREMENT OF SUBSURFACE TEMPERATURE."	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.3.3				
**GS941108312133.005	DEPTH-TO-WATER MEASUREMENTS IN FORTYMILE WASH WELLS, 10/1/84 - 5/2/89.	10/01/84-05/02/89	THE MEASUREMENTS WERE TAKEN WITH HAND-HELD A N C STEEL TAPES OR 2600 FT MOTOR DRIVEN STEEL TAPE.	
	ACQN/DEVL LOCATION : UE-29 A#1 UE-29 A#2 UE-29 UZN#91			
**GS941108312133.006	DEPTH-TO-WATER MEASUREMENTS IN FORTYMILE WASH WELLS, 1994 WATER YEAR.	10/01/93-09/30/94	HP-61,R0, "USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES)", AND HP-99,R1, "INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS."	A Y C
	ACQN/DEVL LOCATION : UE-25 J#12 UE-29 A#1 UE-29 A#2 UE-29 UZN#91 USW VH-1			
**GS941108312133.007	DEPTH-TO-WATER MEASUREMENTS TAKEN IN FORTYMILE WASH WELLS, 5/3/89 - 9/30/91	05/03/89-09/30/91	HP-61,R0, "USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES)," AND HP-75,R0 AND R1, "METHODS FOR MEASURING WATER-LEVELS IN WELLS USING REELED (2600 FT AND 2800 FT) STEEL TAPES."	A Y C
	ACQN/DEVL LOCATION : UE-29 A#1 UE-29 A#2 UE-29 UZN#91			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.3.4				
**GS930408312134.001	LATE-WISCONSIN PALEOHYDROLOGY OF THE WEST-CENTRAL AMARGOSA DESERT, NEVADA, U.S.A., BY HANS C. CLAASEN.	01/01/84-01/25/85	AGE OF GROUND WATER SAMPLES WERE DETERMINED BY 14C LEVELS, METHOD DESCRIBED IN REPORT. CONDENSATION TEMPERATURES WERE DETERMINED ON THE BASIS OF ISOTOPE RATIOS (VAN DER STRAATEN, C.M., AND MOOK, W.G., 1983, STABLE ISOTOPIC COMPOSITION AND PRECIPITATION AND CLIMATIC VARIABILITY). COMPLETE BIBLIOGRAPHIC CITATIONS ARE IN REPORT.	D N C
ACQN/DEVL LOCATION : USGS, DENVER, CO				
*GS950508312134.001	GEOHYDROLOGY AND EVAPOTRANSPIRATION AT FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA, BY JOHN B. CZARNECKI. THESE DATA SUPERSEDE DATA PREVIOUSLY IDENTIFIED BY GS910408312141.001.	01/01/86-04/20/90	COMPILATION OF DIRECT FIELD MEASUREMENTS AND DATA, COMPUTER GENERATED DATA, POTENTIOMETRIC DATA, TRANSMISSIVITY AND HYDRAULIC CONDUCTIVITY DATA, EVAPOTRANSPIRATIONAL DATA, MOISTURE CONTENT IN UNSATURATED ZONE AND MODEL SENSITIVITY DATA.	D N P
ACQN/DEVL LOCATION : USGS, DENVER, CO				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
Activity - 8.3.1.2.1.4.4			
*GS950608312144.003	EFFECTS OF FAULTING ON GROUND-WATER MOVEMENT IN THE DEATH VALLEY REGION, NEVADA AND CALIFORNIA, BY C.C. FAUNT	06/01/92-09/09/94	FAULTS AND STRAIGHT STRETCHES OF DRAINAGES LONGER THAN 10KM WERE DIGITIZED AND ANALYZED, AND THE FAULTS WERE CLASSIFIED AS RELATIVELY TENSIONAL OR COMPRESSIONAL. INFORMATION ON SPRING LOCATIONS AND WATER LEVELS ALSO ANALYZED TO SEE HOW DISCHARGE AREAS RELATE TO STRUCTURAL FEATURES.
ACQN/DEVL LOCATION : USGS, DENVER, CO			
Activity - 8.3.1.2.2.1.1			
**GS941008312211.008	PHYSICAL PROPERTIES OF UNCONSOLIDATED SURFICIAL MATERIALS IN THE VICINITY OF YUCCA MOUNTAIN PROJECT, MARCH - SEPT., 1994.	03/01/94-09/30/94	HP-263,R0, PARTICLE-SIZE ANALYSIS; HP-243, A Y C R0, METHOD FOR MEASURING THE PARTICLE VOLUME AND/OR PARTICLE DENSITY OF ROCK OR SOIL SAMPLES USING MICROMERITICS ACCUPYC 1330 PYCNOMETER; HP-259,R0, DETERMINATION OF BULK DENSITY USING AN IRREGULAR HOLE BULK DENSITY SAMPLER (FIELD BULK DENSITY MEASURED AT COLLECTION SITE); HP-229,R3, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES; HP-258,R0, METHOD FOR DETERMINING THE PH OF A SAMPLE; HP-265,R0, CALCIUM CARBONATE EQUIVALENT ANALYSIS.
ACQN/DEVL LOCATION : N232200(N) E174100(N) N761026(N) E558406(N) N757000(N) E558500(N) N771570(N) E558872(N) N765728(N) E559436(N) N772262(N) E559748(N) N771968(N) E559784(N) N778091(N) E559852(N) N778224(N) E559995(N) N770159(N) E561251(N) N762264(N) E562310(N) N766220(N) E562780(N) N773900(N) E563583(N) N753634(N) E563799(N) N753962(N) E564006(N)			

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	N760272 (N) E564262 (N) N754461 (N) E564402 (N) N767890 (N) E564770 (N) N768706 (N) E566137 (N) N768724 (N) E566141 (N) N767967 (N) E568233 (N) USGS HRF, NTS, NV			
**GS950308312211.001	PRELIMINARY FAULT/FRACTURE PROPERTIES FOR FAST-PATHWAYS MODEL	12/09/94-03/06/95	DATA WERE COLLECTED PER: GP-01,R2, GEOLOGIC MAPPING; GP-12,R2, MAPPING FRACTURES ON PAVEMENTS, OUTCROPS, AND ALONG TRAVERSES; GP-17,R1, DESCRIBING AND SAMPLING SOILS IN THE FIELD; GP-27,R2, TRENCH WALL AND NATURAL OUTCROP SAMPLING FOR COORDINATED STUDIES; HP-229,R3, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES; HP-243,R0, METHOD FOR MEASURING THE PARTICLE VOLUME AND/OR PARTICLE DENSITY OF ROCK OR SOIL SAMPLES USING THE MICROMETRICS ACCUPYC 1330 PYCNOMETER; HP-258,R0, METHOD TO DETERMINE THE PH OF A SAMPLE; AND HP-265,R0, CALCIUM CARBONATE EQUIVALENT ANALYSIS.	A Y T
	ACQN/DEVL LOCATION : 36 48'19.79"N 116 24'44.20"W 36 51'17.63"N 116 25'59.77"W 36 51'34.27"N 116 26'42.72"W 36 50'24.04"N 116 27'05.76"W 36 51'03.41"N 116 27'12.96"W 36 50'32.00"N 116 27'14.07"W 36 51'21.60"N 116 27'14.23"W 36 50'46.93"N 116 27'14.62"W 36 49'55.56"N 116 27'17.64"W 36 49'17.48"N 116 27'41.96"W 36 50'12.84"N 116 27'42.00"W USGS HRF, NTS, NV			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.1.2				
**GS910808312212.001	GEOHYDROLOGIC DATA COLLECTED FROM SHALLOW NEUTRON-ACCESS BOREHOLES AND RESULTANT PRELIMINARY GEOHYDROLOGIC EVALUATIONS, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY DANIEL O BLOUT, DALE P HAMMERMEISTER, CAROLE L LOSKOT, AND MICHAEL P CHORNACK. ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, HRF, NTS, NV	02/01/86-11/04/91	THIS REPORT PRESENTS A COMPILATION OF GEOLOGIC AND HYDROLOGIC DATA FROM 74 COMPLETED NEUTRON-ACCESS BOREHOLES.	D N T
**GS940708312212.010	VOLUMETRIC WATER CONTENT FROM NEUTRON MOISTURE METER COUNTS FOR 74 BOREHOLES FROM THE TIME THEY WERE DRILLED UNTIL 5/2/89 ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV	10/15/93-06/30/94	CALIBRATION EQUATIONS DEVELOPED FOR METERS USING HP-254,R0. DEVELOPMENT AND USE OF A CALIBRATION EQUATION FOR A HAND HELD NEUTRON MOISTURE METER, WATER CONTENT PREDICTED USING MOISTURE METER COUNTS.	D N T
**GS940708312212.011	VOLUMETRIC WATER CONTENT FROM NEUTRON MOISTURE METER COUNTS FOR 99 BOREHOLES FROM 5/3/89 OR FROM THE TIME THEY WERE DRILLED UNTIL 12/31/93. THESE DATA SUPERSEDE DATA PREVIOUSLY IDENTIFIED BY DTN: GS930108312212.004; GS940108312212.005 AND GS940108312212.006. ACQN/DEVL LOCATION : HYDROLOGIC RESEARCH FACILITY, NTS, NV	10/15/93-06/30/94	CALIBRATION EQUATIONS DEVELOPED FOR METERS USING HP-254,R0, DEVELOPMENT AND USE OF A CALIBRATION EQUATION FOR A HAND HELD NEUTRON MOISTURE METER, WATER CONTENT PREDICTED USING NEUTRON MOISTURE METER COUNTS	D Y T

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**GS941008312212.013	NEUTRON COUNTS FOR 97 BOREHOLES AT YUCCA MOUNTAIN FROM JANUARY 1, 1994, TO OCTOBER 1, 1994	01/01/94-10/01/94	MOISTURE METER COUNTS WERE COLLECTED AT BOREHOLES IN ACCORDANCE WITH HP-62, R6 AND R6-M1, METHOD FOR MEASURING SUB-SURFACE MOISTURE CONTENT USING NEUTRON MOISTURE METER	A Y T
ACQN/DEVL LOCATION :				
UE-25 UZN#1				
UE-25 UZN#10				
UE-25 UZN#12				
UE-25 UZN#13				
UE-25 UZN#14				
UE-25 UZN#18				
UE-25 UZN#19				
UE-25 UZN#2				
UE-25 UZN#20				
UE-25 UZN#21				
UE-25 UZN#22				
UE-25 UZN#23				
UE-25 UZN#28				
UE-25 UZN#29				
UE-25 UZN#3				
UE-25 UZN#30				
UE-25 UZN#39				
UE-25 UZN#4				
UE-25 UZN#5				
UE-25 UZN#56				
UE-25 UZN#6				
UE-25 UZN#60				
UE-25 UZN#63				
UE-25 UZN#7				
UE-25 UZN#8				
UE-25 UZN#9				
UE-25 UZN#97				
UE-29 UZN#91				
UE-29 UZN#92				
USW UZ-7				
USW UZ-N11				
USW UZ-N15				
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USW UZ-N17				
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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD				

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 USW UZ-N35
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 USW UZ-N37
 USW UZ-N38
 USW UZ-N40
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 USW UZ-N75
 USW UZ-N76

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW UZ-N77 USW UZ-N78 USW UZ-N79 USW UZ-N80 USW UZ-N81 USW UZ-N82 USW UZ-N84 USW UZ-N86 USW UZ-N87 USW UZ-N88 USW UZ-N89 USW UZ-N90 USW UZ-N93 USW UZ-N94 USW UZ-N95 USW UZ-N96 USW UZ-N98			
**GS941108312212.016	PHYSICAL PROPERTIES OF CORE SAMPLES FROM BOREHOLES UE-25 UZN#10, USW UZ-N24, USW UZ-N46, USW UZ-N47, AND USW UZ-N98.	02/01/86-05/22/86	DATA ACQUIRED ACCORDING TO THE FOLLOWING PROCEDURES: BULK SPECIFIC GRAVITY AND MOISTURE CONTENT, ASTM D1188-71; GRAIN DENSITY, ASTM D854; BULK DENSITY, ASTM D1188, AND ASTM D 1188. POROSITY CALCULATED USING BULK AND GRAIN DENSITY VALUES.	A N C
	ACQN/DEVL LOCATION : HOLMES & NARVER MATERIALS TESTING LAB; MERCURY, NV			
**GS941208312212.017	SUBSURFACE WATER CONTENT AT YUCCA MOUNTAIN NEVADA -- NEUTRON LOGGING DATA FOR 1/1/94 THRU FY94	01/01/94-09/30/94	VOLUMETRIC WATER CONTENTS WERE DETERMINED BY APPLYING CALIBRATION EQUATIONS AND LAB-TO-FIELD TRANSFER EQUATIONS DEVELOPED IN ACCORDANCE WITH HP-254,R0, DEVELOPMENT AND USE OF A CALIBRATION EQUATION FOR A HAND HELD NEUTRON MOISTURE METER, TO THE NEUTRON COUNTS OBTAINED AT THE BOREHOLES.	D Y T
	ACQN/DEVL LOCATION : USGS HRF, NTS, NV			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS950308312211.001	PRELIMINARY FAULT/FRACTURE PROPERTIES FOR FAST-PATHWAYS MODEL	12/09/94-03/06/95	DATA WERE COLLECTED PER: GP-01,R2, GEOLOGIC MAPPING; GP-12,R2, MAPPING FRACTURES ON PAVEMENTS, OUTCROPS, AND ALONG TRAVERSES; GP-17,R1, DESCRIBING AND SAMPLING SOILS IN THE FIELD; GP-27,R2, TRENCH WALL AND NATURAL OUTCROP SAMPLING FOR COORDINATED STUDIES; HP-229,R3, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES; HP-243,R0, METHOD FOR MEASURING THE PARTICLE VOLUME AND/OR PARTICLE DENSITY OF ROCK OR SOIL SAMPLES USING THE MICROMETRICS ACCUPYC 1330 PYCNOMETER; HP-258,R0, METHOD TO DETERMINE THE PH OF A SAMPLE; AND HP-265,R0, CALCIUM CARBONATE EQUIVALENT ANALYSIS.	A Y T
ACQN/DEVL LOCATION :				
36 48'19.79"N 116 24'44.20"W				
36 51'17.63"N 116 25'59.77"W				
36 51'34.27"N 116 26'42.72"W				
36 50'24.04"N 116 27'05.76"W				
36 51'03.41"N 116 27'12.96"W				
36 50'32.00"N 116 27'14.07"W				
36 51'21.60"N 116 27'14.23"W				
36 50'46.93"N 116 27'14.62"W				
36 49'55.56"N 116 27'17.64"W				
36 49'17.48"N 116 27'41.96"W				
36 50'12.84"N 116 27'42.00"W				
USGS HRF, NTS, NV				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.1.3				
**GS941008312213.013	CALCULATED VOLUMES OF WATER THAT ENTERED THE CONFINING RING SURROUNDING BOREHOLE UE-25 UZN#7 IN PONDING EXPERIMENT	09/30/94-10/05/94	HP-273,R0, METHOD FOR MEASURING SURFACE INFILTRATION RATES USING A CONSTANT-HEAD RING INFILTRMETER. VOLUME OF WATER ENTERING THE CONFINING RING SURROUNDING BOREHOLE UE-25 UZN#7 WAS CALCULATED USING THE RECORDED CUMULATIVE PULSES AND THE TURBINE PULSE FLOW METER CONVERSION OF 75.7 PULSES/GAL.	A Y C
ACQN/DEVL LOCATION : USGS HRF, NTS, NV				
**GS941108312213.014	NEUTRON COUNTS FOR 5 BOREHOLES USED IN THE UE-25 UZN#7 PONDING EXPERIMENT	09/19/94-09/30/94	NEUTRON COUNTS OBTAINED AT THE BOREHOLES IN ACCORDANCE WITH HP-62,R6 & R6-M1, METHOD FOR MEASURING SUB-SURFACE MOISTURE CONTENT USING A NEUTRON MOISTURE METER	A Y C
ACQN/DEVL LOCATION : UE-25 UZN#4 UE-25 UZN#5 UE-25 UZN#6 UE-25 UZN#7 UE-25 UZN#8				
**GS941208312213.015	SUBSURFACE WATER CONTENT AT 5 BOREHOLES USED IN THE UE-25 UZN#7 PONDING EXPERIMENT	09/19/94-09/30/94	VOLUMETRIC WATER CONTENTS WERE DETERMINED BY APPLYING CALIBRATION EQUATIONS AND LAB-TO-FIELD TRANSFER EQUATIONS DEVELOPED IN ACCORDANCE WITH HP-254,R0, DEVELOPMENT AND USE OF A CALIBRATION EQUATION FOR A HAND HELD NEUTRON MOISTURE METER, TO THE NEUTRON COUNTS OBTAINED AT THE BOREHOLES.	D Y C
ACQN/DEVL LOCATION : USGS HRF, NTS, NV				

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*GS950308312213.003	GRAVIMETRIC WATER CONTENT OF SELECTED SURFICIAL MATERIAL SAMPLES.	01/27/95-02/07/95	SAMPLES WERE COLLECTED USING GP-17, R1, AND WATER CONTENT DETERMINED USING HP-229, R3.	A Y P
ACQN/DEVL LOCATION : USGS HRF, AREA 25, NTS, NV				
*GS950308312213.004	CUMULATIVE INFILTRATION AND SURFACE FLUX RATES CONDUCTED IN FORTYMILE WASH AND NEAR UE-25 UZN#7, CALCULATED FROM RAW MILLIVOLT READINGS.	01/18/95-03/01/95	HP-273,R0, METHOD FOR MEASURING SURFACE INFILTRATION RATES USING A CONSTANT-HEAD RING INFILTROMETER	A Y P
ACQN/DEVL LOCATION : USGS HRF, NTS, NV				
Activity - 8.3.1.2.2.3.1				
**GS930708312272.006	PERMEABILITY AND FLUID CHEMISTRY STUDIES OF THE TOPOPAH SPRING MEMBER OF THE PAINTBRUSH TUFF, NEVADA TEST SITE: PART II, BY D.E. MOORE, C.A. MORROW, AND J.D. BYERLEE.	01/01/83-01/01/84	THREE EXPERIMENTS WERE PERFORMED TO TEST THE EFFECT OF PORE PRESSURE, SAMPLE ORIENTATION, AND FLOW DIRECTION ON PERMEABILITY AND PORE-FLUID CHEMISTRY. VARIATIONS IN PERMEABILITY WITH TIME DETERMINED FROM MEASURED CHANGES IN MASS FLOW RATE WHILE PORE PRESSURE GRADIENT HELD CONSTANT. CALCULATION PROCEDURES DESCRIBED IN MORROW, ET.AL. (1984) AND MOORE, ET.AL. (1984). SAMPLE FLUIDS COLLECTED DURING TESTING WERE ANALYZED USING TECHNIQUES DESCRIBED IN MOORE (OP.CIT.) AND "SOLMNEQ" PROGRAM (KHARAKA AND BARNES, 1973). COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT.	D N C
ACQN/DEVL LOCATION : USGS, MENLO PARK, CA				

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**GS950308312231.003	UE-25 UZ#16 PYCNOMETER DATA, JANUARY 18, 1994 - JULY 19, 1994	01/18/94-07/19/94	DATA WERE COLLECTED PER HP-229,R3, "DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES", AND HP-243,R0, "METHOD FOR MEASURING THE PARTICLE VOLUME AND/OR PARTICAL DENSITY OF ROCK OR SOIL SAMPLES USING THE MICROMETRICS ACCUPYC 1330 PYCNOMETER". ALL SAMPLES WERE OVEN-DRIED AT 105 DEGREES C ACCORDING TO HP-229,R3, PRIOR TO IMPLEMENTATION OF HP-243,R0.	A Y P
ACQN/DEVL LOCATION : USGS HRF, AREA 25, NTS, NV				
*GS950408312231.004	PHYSICAL PROPERTIES AND WATER POTENTIALS OF CORE FROM BOREHOLE USW SD-9	07/01/94-12/30/94	DATA WERE COLLECTED PER HP-229,R2 AND R3, "DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES." AND HP-255,R0, "DETERMINATION OF WATER POTENTIAL USING THE DECAGON CX-2 WATER ACTIVITY SYSTEM."	A Y P
ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV				
*GS950408312231.005	PHYSICAL PROPERTIES AND WATER POTENTIALS OF CORE FROM BOREHOLE USW UZ-14.	03/01/94-06/30/94	DATA WERE COLLECTED PER HP-229,R2 AND R3, "DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES." AND HP-255,R0, "DETERMINATION OF WATER POTENTIAL USING THE DECAGON CX-2 WATER ACTIVITY SYSTEM."	A Y P
ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV				

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*GS950608312231.007	PHYSICAL PROPERTIES, WATER CONTENT AND WATER POTENTIAL FROM BOREHOLE USW NRG-6, 19 MAR 94 TO 27 MAR 95	03/19/95-03/27/95	HP-229,R2 AND R3, "DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES," AND HP-255,R0, "DEVELOPMENT OF WATER POTENTIAL USING THE DECAGON CX-2 WATER ACTIVITY SYSTEM."	A Y P
ACQN/DEVL LOCATION : USGS HRF, AREA 25, NTS, NV				
*GS950608312231.008	MOISTURE RETENTION DATA AND CURVE FITS FROM BOREHOLES USW UZ-N27 AND UE-25 UZ#16.	01/01/95-05/17/95	HP-229,R3, "DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES", HP-255,R0, "DEVELOPMENT OF WATER POTENTIAL USING THE DECAGON CX-2 WATER ACTIVITY SYSTEM". VAN GENUCHTEN CURVES WERE TO FIT DATA USING RETC.	A Y P
ACQN/DEVL LOCATION : USGS HRF, AREA 25, NTS, NV				
Activity - 8.3.1.2.2.3.2				
**GS950108312232.001	PRESSURE, TEMPERATURE AND MASS FLOW MEASUREMENTS FROM NRG-7A BOREHOLE AIR INJECTION TESTING BETWEEN 7/13/94 AND 9/10/94.	07/13/94-09/10/94	DATA WERE ACQUIRED DURING AIR INJECTION TESTING IN NRG-7A, USING SCIENTIFIC NOTEBOOK PLAN HP-241T (SN-0033), AIR PERMEABILITY TESTING, AS DOCUMENTED IN VOL.3,PP.6-98. DATA WERE REDUCED TO ENGINEERING UNITS OF PRESSURE, TEMPERATURE AND MASS FLOW USING QUATTRO PRO.	A Y T
ACQN/DEVL LOCATION : USW NRG-7A				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS950108312232.002	PRESSURE, TEMPERATURE AND MASS FLOW MEASUREMENTS FROM NRG-6 BOREHOLE AIR INJECTION TESTING BETWEEN 10/11/94 AND 11/04/94.	10/11/94-11/04/94	DATA WERE ACQUIRED DURING AIR INJECTION TESTING IN NRG-6 USING SCIENTIFIC NOTEBOOK PLAN HP-241T (SN-0033), AIR PERMEABILITY TESTING, AS DOCUMENTED IN VOL.3, PP.99-141. DATA WERE REDUCED TO ENGINEERING UNITS OF PRESSURE, TEMPERATURE AND MASS FLOW USING QUATTRO PRO.	A Y T
	ACQN/DEVL LOCATION : USW NRG-6			
*GS950208312232.003	DATA, INCLUDING WATER POTENTIAL, PRESSURE AND TEMPERATURE, COLLECTED FROM BOREHOLES USW NRG-6 AND USW NRG-7A FROM INSTRUMENTATION THROUGH MARCH 31, 1995, AND FROM BOREHOLES UE-25 HRFUZP#1 AND HRFUZP#3A FROM OCTOBER 1. 1994, THROUGH MARCH 31, 1995	10/01/94-03/31/95 10/28/94-03/31/95 11/17/94-03/31/95	DATA WERE COLLECTED USING THE HDAS SOFTWARE PROGRAM AND EXTRACTED TO A BINARY STRUCTURE FOR DISPLAY.	A Y C
	ACQN/DEVL LOCATION : UE-25 HRFUZP#1 UE-25 HRFUZP#3A USW NRG-6 USW NRG-7A			
*GS950508312232.004	IN-SITU BOREHOLE MONITORING DATA FOR USW NRG-7A AND USW NRG-6, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, PREPARED AND COMPILED BY J.P. ROUSSEAU, C.L. LOSKOT, M. KURZMACK, B.N. DEHOAN, K. THOMAS, A.J. GREENGARD.	04/01/95-05/20/95	DATA WERE DEVELOPED THROUGH THE IDISPLAY PROGRAM.	D Y P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*MO9506NYE-CNTY.001	PNEUMATIC PRESSURE RECORDING FOR NRG-4 AND ONC-1	05/01/95-06/01/95	DATA WERE COLLECTED USING THE HDAS SOFTWARE PROGRAM AND EXTRACTED TO A BINARY STRUCTURE FOR DISPLAY.	A N P
	ACQN/DEVL LOCATION : NRG-4 ONC-1			
Activity - 8.3.1.2.2.4.2				
**GS941108312242.002	PROTOTYPE PERCOLATION TEST: BASIC DATA REPORT ON WELDED TUFF CORE EXPERIMENTS, BY MAREK CIESNIK, JENNIFER CURTIS, ALAN FLINT, DAVID HAMPSON AND FALAH THAMIR	10/01/89-09/30/94	WATER IMBIBITION INTO SEVERAL SAMPLES OF A CORE OF WELDED TUFF FROM A BOULDER COLLECTED FROM THE COLUMNAR UNIT OF THE TIVA CANYON MEMBER. DETERMINATION OF WATER POTENTIAL USING RICHARDS (BRAND NAME) PSYCHROMETERS AND WATER ACITIVITY METER. DETERMINATION OF WATER SATURATION FROM IMBIBITION. CONSTRUCTION OF MOISTURE RETENTION CURVES. DRYING RATE DETERMINED FOR VARIOUS WATER SATURATIONS.	A A N P
	ACQN/DEVL LOCATION : USGS-WRD LAB, DENVER, CO			
Activity - 8.3.1.2.2.4.4				
**GS950308312244.001	AIR-PERMEABILITY TESTING PROGRAM - ESF, ALCOVE 1; SINGLE HOLE INJECTION TESTING, DATA COLLECTED BETWEEN 08/09/94 AND 11/14/94.	08/09/94-11/14/94	DATA WERE ACQUIRED DURING AIR INJECTION TESTING IN ESF ALCOVE 1 USING SCIENTIFIC NOTEBOOK SN-0063, AIR PERMEABILITY TESTING, AND REDUCED TO ENGINEERING UNITS OF PRESSURE, TEMPERATURE AND MASS FLOW USING QUATTRO PRO.	A Y T
	ACQN/DEVL LOCATION : ALCOVE 1, ESF			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.6.1				
**GS921208312261.001	CO2 AND CH4 DATA TAKEN AT TWO SURFACE LOCATIONS-WEST FACE OF YUCCA RIDGE-SOIL GAS PROFILES RANGING IN DEPTH FROM 1-21 CM. ACQN/DEVL LOCATION : N759961(N) E557908(N) N759871(N) E557918(N)	05/18/89-05/18/89	HP-160 AND HP-192 DESCRIBES METHODS.	A N C
**GS921208312261.002	C.S.I. 21X DATALOGGER PRINTOUT FOR WELL USW UZ-6S ACQN/DEVL LOCATION : USW UZ-6S	05/03/89-08/18/89	AUTOMATED DATA COLLECTION SYSTEM	A N C
**GS931008312261.002	CARBON DIOXIDE, METHANE, CARBON-14, CARBON 13/12, AND OXYGEN 18/16 GAS RESULTS FROM USW UZ-6, USW UZ-6S, USW UZ-N71, USW UZ-N72, USW UZ-N73, USW UZ-N74, USW UZ-N75, USW UZ-N76, USW UZ-N93, USW UZ-N94, AND USW UZ-N95 FOR MARCH 1993. ACQN/DEVL LOCATION : KRUEGER GEOCHRON LABS, CAMBRIDGE, MA SO. METHODIST UNIV., DALLAS, TX USGS HRF, NTS, NV USGS MOBILE LAB, AREA 25, NTS, NV USGS NORTHEAST REGION RESEARCH LAB, RESTON, VA USGS STABLE ISOTOPE LAB, RESTON, VA USGS UZ HYDROCHEMISTRY LAB, DENVER, CO	03/15/93-03/26/93	DATA WERE COLLECTED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-56, R3, GAS AND WATER VAPOR SAMPLING FROM UNSATURATED-ZONE TEST HOLES; HP-160, R1-M1 AND R2, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY; HP-176, R1 AND R2, PROCEDURE TO COLLECT GAS SAMPLES AT SELECTED DEPTH INTERVALS IN OPEN UNSATURATED ZONE BOREHOLES; AND HP-256, R0 AND R0-M1, METHOD FOR COLLECTING AND STORING CO2 GAS SAMPLES FROM BOREHOLE ATMOSPHERE OR FROM FREE AIR BY ABSORPTION IN A KOH SOLUTION.	A Y T

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	D Q A U L T A O A L C I A T F T Y I I P E O E D N
**GS940608312261.002	C.S.I. 21X DATALOGGER PRINTOUT FOR WELL UZ-6S PRIOR TO 5/3/89 ACQN/DEVL LOCATION : USW UZ-6S	12/17/87-05/03/89	AUTOMATED DATA COLLECTION SYSTEM	A N C
**GS940708312261.004	SHUT-IN PRESSURE TEST DATA FROM DECEMBER 1992 TO FEBRUARY 1994 FROM SELECT WELLS AND BOREHOLES AT YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : UE-25 A#4 UE-25 UZ#16 USW NRG-6 USW UZ-13 USW UZ-6 USW UZ-6S	12/18/92-02/06/94	DATA WERE ACQUIRED USING HYDROLOGIC PROCEDURE HP-257,R0, METHOD TO MEASURE SHUT-IN PRESSURE IN UNSATURATED ZONE BOREHOLES	A Y T
**GS940708312261.005	CARBON DIOXIDE, METHANE, CARBON 13/12, AND OXYGEN 18/16 RESULTS FROM USW UZ-6, USW UZ-6S, USW UZ-N27, USW UZ-N62, USW UZ-N64, USW UZ-N75, USW UZ-N93, USW UZ-N94, USW UZ-N95, UE-25 NRG#2B, UE-25 NRG#4, UE-25 NRG#5, AND USW NRG-6. THESE DATA WERE COLLECTED IN JANUARY 1994 AND MARCH 1994. ACQN/DEVL LOCATION : USGS BRANCH OF ISOTOPE GEOLOGY, DENVER, CO USGS HRF, NTS, NV USGS MOBILE LAB, AREA 25, NTS, NV	01/18/94-03/15/94	DATA ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: GCP-15,R2, OXYGEN ISOTOPE ANALYSIS OF OPALINE SILICA, CHALCEDONY, AND QUARTZ; GCP-16,R4, CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES; HP-160,R2 AND R2-M1, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY; HP-176,R2, PROCEDURE TO COLLECT GAS SAMPLES AT SELECT DEPTH INTERVALS IN OPEN UNSATURATED ZONE BOREHOLES; AND HP-256,R0, METHOD FOR COLLECTING AND STORING CO2 GAS SAMPLES FROM BOREHOLE ATMOSPHERE OR FROM FREE AIR BY ABSORPTION IN A KOH SOLUTION.	A Y T

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**GS941208312261.008	CARBON DIOXIDE, METHANE, CARBON 14, AND CARBON 13/12 DATA FROM USW NRG-6 AND USW NRG-7 FOR MAY AND JUNE 1994; AND CARBON 14 DATA FROM USW WELLS NRG#5, UZ-6S, UZ-N27, UZ-N62, UZ-N64, UZ-N93, UZ-N94, AND UZ-N95 FROM MARCH 1994.	05/04/94-09/08/94	THESE DATA WERE ACQUIRED USING STANDARD KRUEGER GEOCHRON LAB PROCEDURES FOR CARBON 14 ANALYSIS; GEOCHEMICAL PROCEDURES GCP-16,R4, CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES, AND GCP-33,R0, EXTRACTION OF SOIL GAS CO2 FOR STABLE ISOTOPE ANALYSIS, AND HYDROLOGIC PROCEDURE HP-160,R2 AND R2-M1, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY. GAS SAMPLES WERE COLLECTED USING HP-56,R3 AND R3-M1, GAS AND WATER VAPOR SAMPLING FROM UNSATURATED-ZONE TEST HOLES AND HP-176,R2, PROCEDURE TO COLLECT GAS SAMPLES AT SELECTED DEPTH INTERVALS IN OPEN UNSATURATED ZONE BOREHOLES	A Y T
	ACQN/DEVL LOCATION : KRUEGER GEOCHRON LABS, CAMBRIDGE, MA USGS MOBILE LAB, AREA 25, NTS, NV USGS, STABLE ISOTOPE LAB, DENVER, CO			
**GS950208312261.001	SHUT-IN PRESSURE TEST DATA FROM MAY 1994 TO SEPTEMBER 1994 FROM BOREHOLE UE-25 NRG#4	05/28/94-09/06/94	DATA WERE ACQUIRED USING HYDROLOGIC PROCEDURE HP-257, R0, METHOD TO MEASURE SHUT-IN PRESSURE IN UNSATURATED ZONE BOREHOLES	A Y T
	ACQN/DEVL LOCATION : UE-25 NRG#4			

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Activity - 8.3.1.2.2.7.1				
**GS911208312271.011	ANALYSIS OF CO2 CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING USW UZ-1 BOREHOLE GAS SAMPLING, SEPTEMBER, 1988	09/08/88-09/16/88	USGS-HP-160,R0, METHODS FOR COLLECTION AND A N P ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY	
ACQN/DEVL LOCATION : USGS MOBILE LAB, NTS, NV				
**GS930408312271.014	ANALYSIS OF CO2 CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING USW UZ-1 BOREHOLE GAS SAMPLING, MAY, 1989, THRU JAN., 1991.	05/22/89-01/31/91	HP-160,R0, METHODS FOR COLLECTION AND A N P ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY, AND HP-160,R1, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY. SAMPLES ARE DESTROYED IN ANALYSIS. SEVERAL SAMPLES ARE TAKEN AT EACH DEPTH IN HOLE UZ-1. EACH SAMPLING TRIP IS AN AID IN DETERMINING PUMPING EFFICIENCY.	
ACQN/DEVL LOCATION : USGS MOBILE LAB, NTS, NV				
Activity - 8.3.1.2.2.7.2				
**GS930608312272.002	PERMEABILITY AND PORE-FLUID CHEMISTRY OF THE BULLFROG TUFF IN A TEMPERATURE GRADIENT: SUMMARY OF RESULTS BY J. BYERLEE, C. MORROW, AND D. MOORE.	01/01/82-01/01/83	VARIATIONS IN PERMEABILITY WERE DETERMINED D N C FROM MEASURED CHANGES IN THE MASS FLOW RATE OVER A CONSTANT PORE-PRESSURE DIFFERENTIAL. PORE-FLUID CHEMISTRY ANALYSES INCLUDE: SILICA BY STANDARD SPECTROPHOTOMETRIC METHODS, CATIONS BY ATOMIC ABSORPTION, TOTAL DISSOLVED INORGANIC CARBON BY CARBON ANALYZER, ANIONS BY ION CHROMATOGRAPHY, DISSOLVED SPECIES USING SOLMNEQ PROGRAM (KHARAKA ET AL, 1973). COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT.	
ACQN/DEVL LOCATION : USGS, DENVER, CO				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS930708312272.006	PERMEABILITY AND FLUID CHEMISTRY STUDIES OF THE TOPOPAH SPRING MEMBER OF THE PAINTBRUSH TUFF, NEVADA TEST SITE: PART II, BY D.E. MOORE, C.A. MORROW, AND J.D. BYERLEE.	01/01/83-01/01/84	THREE EXPERIMENTS WERE PERFORMED TO TEST THE EFFECT OF PORE PRESSURE, SAMPLE ORIENTATION, AND FLOW DIRECTION ON PERMEABILITY AND PORE-FLUID CHEMISTRY. VARIATIONS IN PERMEABILITY WITH TIME DETERMINED FROM MEASURED CHANGES IN MASS FLOW RATE WHILE PORE PRESSURE GRADIENT HELD CONSTANT. CALCULATION PROCEDURES DESCRIBED IN MORROW, ET.AL. (1984) AND MOORE, ET.AL. (1984). SAMPLE FLUIDS COLLECTED DURING TESTING WERE ANALYZED USING TECHNIQUES DESCRIBED IN MOORE (OP.CIT.) AND "SOLMNEQ" PROGRAM (KHARAKA AND BARNES, 1973). COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT.	D N C
ACQN/DEVL LOCATION : USGS, MENLO PARK, CA				
Activity - 8.3.1.2.2.8.1				
**GS950308312281.001	DATA TRANSFER TO THE EARTH VISION MODEL, BY G.S. BODVARSSON AND M. BANDURRAGA.	12/01/94-01/31/95	HYDROGEOLOGICAL PARAMETERS AND GEOLOGIC DATA WERE INPUT TO A 2-D AND 3-D MODEL. SIMULATIONS WERE PERFORMED USING THE INTEGRAL FINITE-DIFFERENCE COMPUTER CODE TOUGH2 WITH OUTPUTS OF "BASE CASE" PERMEABILITY, POROSITY, AND VAN GENUCHTEN PARAMETER DISTRIBUTIONS. THE OUTPUT DATA FILES PROVIDE THE SIMULATED FLUIDS POTENTIAL FIELDS, INCLUDING CAPILLARY PRESSURES AND SATURATIONS.	D N P
ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY, BERKELEY, CA				

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
**GS950308312281.002	CALIBRATION OF GAS PHASE MODEL FOR ESF, BY G.S. BODVARSSON AND R. AHLERS.	12/01/94-01/31/95	GAS DATA FROM TWO WELLS AT YUCCA MOUNTAIN AND RESULTS FROM TWO-DIMENSIONAL MODEL STUDIES WERE ANALYZED AND INCORPORATED INTO THE THREE DIMENSIONAL SITE SCALE MODEL USING TOUGH2 COMPUTER PROGRAM
Activity - 8.3.1.2.2.9.1			
**GS941208312291.002	PRELIMINARY INCORPORATION OF TEMPERATURE AND GAS COMPONENTS INTO THE LBL/USGS SITE-SCALE MODEL, BY Z.P. AUNZO AND G.S. BODVARSSON.	07/01/94-09/15/94	DIGITIZED FROM TEMPERATURE PLOTS PROVIDED IN REPORT USGS-OFR-87-649, ENTITLED "TEMPERATURE, THERMAL CONDUCTIVITY, AND HEAT FLOW NEAR YUCCA MOUNTAIN, NEVADA: SOME TECTONIC AND HYDROLOGIC IMPLICATIONS".
ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY, BERKELEY, CA			
*GS950608312291.001	TRANSIENT WATER AND PARTICLE MOVEMENT BENEATH AN ALLUVIAL WASH, IN "APPLICATION OF TOUGH TO HYDROLOGIC PROBLEMS RELATED TO THE UNSATURATED ZONE SITE INVESTIGATION AT YUCCA MOUNTAIN, NEVADA", BY EDWARD M. KWICKLIS, RICHARD W. HEALY, G.S. BODVARSSON, AND NING LU	10/01/94-03/10/95	TOUGH AND TOUGH2 CODES WERE USED TO DEVELOP A NUMERICAL SIMULATION TO ANALYZE THE MOVEMENT OF WATER IN THE UPPER 120M BENEATH PAGANY WASH.
ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.9.3				
**GS940908312293.002	THE DEVELOPMENT OF THE LBL/USGS THREE-DIMENSIONAL SITE-SCALE MODEL OF YUCCA MOUNTAIN, NEVADA, BY C. WITTWER, G. CHEN, G.S. BODVARSSON, M.P. CHORNACK, A.L. FLINT, L.E. FLINT, E.M. KWICKLIS, AND R.W. SPENGLER	09/21/93-05/30/94	DATA DEVELOPMENT BY USE OF TOUGH2 COMPUTER CODE. THE VAN GENUCHTEN PARAMETERS WHICH ARE USED IN FRACTURE HYDROLOGY ARE DERIVED FROM RELATIVE PERMEABILITY AND WATER RETENTION.	D N P
ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY, BERKELEY, CA				
Activity - 8.3.1.2.3.1.2				
**GS921008312312.021	WATER LEVELS IN CONTINUOUSLY MONITORED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1989" BY D.H. LOBMEYER, R.R. LUCKEY AND D.J. BURKHARDT	01/01/90-10/07/92	RAW TRANSDUCER OUTPUT DATA CONVERTED TO WATER-LEVEL ALTITUDE ABOVE SEA LEVEL USING STANDARD STATISTICAL METHODS DESCRIBED IN THE REPORT.	D N T
ACQN/DEVL LOCATION : USGS, DENVER, CO				
**GS940208312312.002	WATER-LEVEL ALTITUDE DATA FROM WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1992.	01/01/93-02/08/94	RAW TRANSDUCER DATA AND MANUAL DEPTH-TO-WATER DATA CONVERTED TO ALTITUDE OF THE WATER TABLE ABOVE SEA LEVEL USING STANDARD STATISTICAL TECHNIQUES.	D N C
ACQN/DEVL LOCATION : USGS, DENVER, CO				
**GS950108312312.001	WATER-LEVEL ALTITUDE DATA FROM THE PERIODIC NETWORK, FOURTH QUARTER 1994.	10/01/94-12/31/94	HP-25,R2, "METHOD FOR MEASURING DEPTH-TO-WATER WITH A CABLE UNIT", AND HP-75,R1 AND R2, "METHOD FOR MEASURING DEPTH-TO-WATER IN WELLS USING REELED STEEL TAPES LONGER THAN 1,000 FEET". WATER-LEVEL ALTITUDE CALCULATED USING STANDARD MATHEMATICAL TECHNIQUES.	A N T
ACQN/DEVL LOCATION : TEST WELL B UE-25 B#1 UE-25 C#1 UE-25 C#2 UE-25 J#11 UE-25 J#12 UE-25 J#13				

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	UE-25 WT#12 UE-25 WT#13 UE-25 WT#15 UE-25 WT#16 UE-25 WT#17 UE-25 WT#18 UE-25 WT#6 USW G-2 USW G-3 USW H-1 USW H-3 USW H-6 USW UZ-14 USW VH-1 USW WT-11 USW WT-2 USW WT-7			
*GS950408312312.003	WATER-LEVEL ALTITUDE DATA FROM THE PERIODIC NETWORK, FIRST QUARTER 1995.	01/01/95-03/31/95	HP-25,R2, "METHOD FOR MEASURING DEPTH-TO-WATER WITH A CABLE UNIT," AND HP-75,R2, "METHOD FOR MEASURING DEPTH-TO-WATER IN WELLS USING REELED STEEL TAPES LONGER THAN 1,000 FEET." WATER-LEVEL ALTITUDE CALCULATED USING STANDARD MATHEMATICAL TECHNIQUES.	A N P
	ACQN/DEVL LOCATION : UE-25 B#1 UE-25 C#2 UE-25 C#3 UE-25 J#11 UE-25 J#12 UE-25 J#13 UE-25 P#1 UE-25 WT#12 UE-25 WT#13 UE-25 WT#15 UE-25 WT#16 UE-25 WT#17 UE-25 WT#18 UE-25 WT#6 USW G-3 USW H-1			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW H-4 USW H-5 USW SD-7 USW UZ-14 USW VH-1 USW WT-11 USW WT-2 USW WT-7			
*GS950508312312.004	WATER-LEVEL ALTITUDE DATA FROM THE CONTINUOUS NETWORK, 1994.	01/01/94-05/15/95	TRANSDUCER DATA COLLECTED ACCORDING TO HP-60,R3-M1, "METHOD FOR MONITORING WATER LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS." TRANSDUCER DATA CONVERTED TO ALTITUDE OF WATER TABLE ABOVE SEA LEVEL USING CALIBRATION REGRESSION EQUATIONS AND DEPTH TO WATER DATA COLLECTED EITHER WITH HP-60 R3 (M1) OR HP-75,R1 AND R2, "METHOD FOR MEASURING DEPTH-TO-WATER USING REELED STEEL TAPES LONGER THAN 1,000 FEET."	A N P
	ACQN/DEVL LOCATION : UE-25 P#1 UE-25 WT#13 UE-25 WT#14 UE-25 WT#3 UE-25 WT#4 USGS, DENVER, CO USW G-2 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-1 USW WT-10 USW WT-11 USW WT-2			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS950508312312.005	POTENTIOMETRIC-SURFACE MAP, 1993, YUCCA MOUNTAIN AND VICINITY, NEVADA, BY PATRICK TUCCI AND D.J. BURKHARDT.	10/03/94-03/16/95	POTENTIOMETRIC SURFACE CREATED USING MAINLY 1993 AVERAGE WATER LEVELS. WATER LEVELS WERE CONTOURED WITH A 20-METER CONTOUR INTERVAL, WITH ADDITIONAL 0.5-METER CONTOURS IN THE SMALL-GRADIENT AREA SOUTHEAST OF YUCCA MOUNTAIN.	D N P
ACQN/DEVL LOCATION : USGS, DENVER, CO				
Activity - 8.3.1.2.3.1.3				
**GS911108312313.009	GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL USW H-6, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY R.W. CRAIG AND R.L. REED.	01/01/88-02/01/89	TRANSMISSIVITY BY 1) THEIS METHOD 2) STRAIGHT-LINE SOLUTION WITH DUAL-POROSITY MODEL. HORIZONTAL HYDRAULIC CONDUCTIVITY BY COMPUTATION OF TRANSMISSIVITY DIVIDED BY TEST-LENGTH INTERVAL. GROUND-WATER ANALYSIS USING USGS STANDARD METHODS. RELATIVE POROSITY DEDUCED FROM WELL LOGS. PERMEABILITY DEDUCED BY INDIRECT EVIDENCE.	D N T
ACQN/DEVL LOCATION : USGS, DENVER, CO				
**GS950108312313.003	BAROMETRIC PRESSURE DATA FROM UE-25 C#3, NEVADA, 7/15/93 THROUGH 8/17/93.	07/15/93-08/17/93	DATA COLLECTED USING HP-121, R0, "INSTALLING AND RETRIEVING INFORMATION FROM A SETRA PRESSURE TRANSDUCER."	A Y P
ACQN/DEVL LOCATION : UE-25 C#3				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.3.3.1				
**GS921108312331.001	REVISED POTENTIOMETRIC SURFACE MAP OF YUCCA MOUNTAIN AND VICINITY, NEVADA, BY E.M. ERVIN, R.R. LUCKEY & D.J. BURKHARDT	09/01/91-08/31/92		WATER-LEVEL DATA WERE ANALYZED TO DETERMINE POSSIBLE TRENDS IN THE POTENTIOMETRIC SURFACE. MAP WAS PLOTTED FROM WATER LEVEL DATA AND TREND ANALYSIS.
Activity - 8.3.1.2.3.3.2				
ACQN/DEVL LOCATION : USGS, DENVER, CO				
**GS920908312332.002	FRACTURES ORIENTATION AND GEOMETRY - EAST OF LITTLE SKULL	04/06/91-05/10/91		FIELD MEASUREMENTS USING TECHNICAL PROCEDURE GP-12,R1, MAPPING FRACTURES ON PAVEMENTS, OUTCROPS, AND ALONG TRAVERSES
Activity - 8.3.1.2.3.3.3				
ACQN/DEVL LOCATION : 36 43'02"N 116 15'00"W ; 36 43'49"N 116 13 52"W				
*GS950508312333.001	CROSS-SECTION DATA FOR HYDROGEOLOGIC FRAMEWORK MODEL CONSTRUCTION IN INTERGRAPH DESIGN FILE FORMAT. FAULTS AND TOPS OF HYDROGEOLOGIC UNITS ARE REPRESENTED.	10/01/94-04/30/95		PROCEDURES AND SOFTWARE LISTED IN SN-0072, D N P PART B, "3D SATURATED ZONE SITE MODEL."
Activity - 8.3.1.2.3.3.3				
ACQN/DEVL LOCATION : USGS, DENVER, CO				
*GS950508312333.002	BOREHOLE DATA FOR HYDROGEOLOGIC FRAMEWORK MODEL CONSTRUCTION. THE FIRST TOP ENCOUNTERED FOR EACH HYDROGEOLOGIC UNIT IS REPRESENTED.	10/01/94-04/30/95		PROCEDURES AND SOFTWARE LISTED IN SN-0072, D N P PART B, "3D SATURATED ZONE SITE MODEL"
Activity - 8.3.1.2.3.3.3				
ACQN/DEVL LOCATION : USGS, DENVER, CO				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.3.2.1.2				
**LA000000000110.002	MINERALOGIC SUMMARY OF YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	01/02/81-06/30/85	X-RAY POWDER DIFFRACTION ANALYSIS	D N C
**LA000000000111.002	MINERALOGY OF DRILL HOLES J-13, UE-25A#1, AND USW G-1 AT YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	06/30/85-06/30/86	X-RAY POWDER DIFFRACTION ANALYSIS	D N C
**LA000000000112.002	DETAILED PETROGRAPHIC DESCRIPTIONS AND MICROPROBE DATA FOR DRILL HOLES USW-G2 AND UE25B-1H, YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	06/30/81-06/30/82	OPTICAL PETROGRAPHY AND ELECTRON MICROPROBE ANALYSIS	D N C
**LA000000000113.002	PETROGRAPHY AND PHENOCRYST CHEMISTRY OF VOLCANIC UNITS AT YUCCA MOUNTAIN: A COMPARISON OF OUTCROP AND DRILL HOLE SAMPLES ACQN/DEVL LOCATION : LANL	02/01/87-02/01/89	OPTICAL PETROGRAPHY AND ELECTRON MICROPROBE ANALYSIS	D N C
**LA000000000114.002	DETAILED PETROGRAPHIC DESCRIPTIONS AND MICROPROBE DATA FOR TERTIARY SILICIC VOLCANIC ROCKS IN DRILL HOLE USW G-1, YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	06/30/80-06/30/85	OPTICAL PETROGRAPHY AND ELECTRON MICROPROBE ANALYSIS	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**LA000000000115.002	MINERALOGY AND PETROLOGY OF TUFF UNITS FROM THE UE25A-1 DRILL SITE, YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	09/30/78-09/30/79	OPTICAL PETROGRAPHY, ELECTRON MICROPROBE ANALYSIS, AND X-RAY POWDER DIFFRACTION	D N C
**LA000000000116.002	VARIATIONS IN AUTHIGENIC MINERALOGY AND SORPTION ZEOLITE ABUNDANCE AT YUCCA MOUNTAIN NEVADA, BASED ON STUDIES OF DRILL CORES USW GU-3/G-3 ACQN/DEVL LOCATION : LANL	04/30/83-04/30/84	OPTICAL PETROGRAPHY, ELECTRON MICROPROBE ANALYSIS, SCANNING ELECTRON MICROSCOPY, AND X-RAY POWDER DIFFRACTION	D N C
**LA000000000117.002	PETROGRAPHY AND MINERAL CHEMISTRY OF UNITS OF THE TOPOPAH SPRING, CALICO HILLS AND CRATER FLAT TUFFS, AND OLDER VOLCANIC UNITS, WITH EMPHASIS ON SAMPLES FROM DRILL USW G-1, YUCCA MOUNTAIN, NEVADA TEST SITE ACQN/DEVL LOCATION : LANL	04/30/82-04/30/84	OPTICAL PETROGRAPHY AND ELECTRON MICROPROBE ANALYSIS	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.3.2.1.3				
**LA000000000002.001	ELECTRON MICROPROBE ANALYSES OF FRACTURE-LINING MANGANESE OXIDE MINERALS IN THE CRATER FLAT TUFF OF DRILL CORE USW- G-4.	01/01/86-12/31/89	ELECTRON MICROPROBE DATA.	D N T
ACQN/DEVL LOCATION : LANL				
Activity - 8.3.1.3.2.2.1				
*LA0000000000094.001	PETROGRAPHY, MINERALOGY, AND CHEMISTRY OF CALCITE-SILICA DEPOSITS AT EXILE HILL, NEVADA, IN COMPARISON WITH LOCAL SPRING DEPOSITS	07/28/89-11/27/94	OPTICAL PETROGRAPHY, X-RAY DIFFRACTION, ELECTRON MICROPROBE, SCANNING ELECTRON MICROSCOPY, X-RAY FLUORESCENCE, INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS, LOW-TEMPERATURE ASHING, AND ION CHROMATOGRAPHY	D N P
ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY				
**LA0000000000095.001	MINERALOGY AND TEMPORAL RELATIONS OF COEXISTING AUTHIGENIC MINERALS IN ALTERED SILICIC TUFFS AND THEIR UTILITY AS POTENTIAL LOW-TEMPERATURE DATEABLE MINERALS	02/01/92-02/01/93	COEXISTING FINE-GRAINED AUTHIGENIC SILICATE MINERALS SEPARATED FROM ALTERED TUFFS IN MIOCENE AND QUATERNARY LACUSTRINE DEPOSITS WERE CHARACTERIZED BY X-RAY POWDER DIFFRACTION AND DATED BY THE K/AR METHOD TO EVALUATE THE UTILITY OF THESE MINERALS FOR DETERMINING THE TIME OF DIAGENESIS IN LOW TEMPERATURE SETTINGS.	A Y P
ACQN/DEVL LOCATION : LANL				

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*LA000000000101.001	CHEMICAL-TEXTURAL STUDIES OF ELEMENT MOBILITY DURING ZEOLIZATION	09/16/82-07/21/94	ELECTRON MICROPROBE, SCANNING ELECTRON MICROSCOPE, PETROGRAPHIC TEXTURAL ANALYSIS, AND GEOPETAL ORIENTATION MEASUREMENT	A N P
ACQN/DEVL LOCATION : LANL				
Activity - 8.3.1.3.2.2.2				
*LA000000000123.002	THERMODYNAMICS OF HYDRATION OF NA-, K-, AND CA- CLINOPTILOLITE	05/03/94-01/31/95	THERMODYNAMIC ANALYSIS OF EQUILIBRIUM WATER CONTENT OF CLINOPTILOLITE AS MEASURED BY THERMOGRAVIMETRY	D Y P
ACQN/DEVL LOCATION : LANL				
Activity - 8.3.1.3.5.1.1				
**LA000000000012.002	MEASURED SOLUBILITIES AND SPECIATIONS OF NEPTUNIUM, PLUTONIUM, AND AMERICIUM IN A TYPICAL GROUNDWATER (J-13) FROM THE YUCCA MOUNTAIN REGION	10/01/91-08/24/92	THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENT FROM OVERSATURATION	D N T
ACQN/DEVL LOCATION : LBL				
**LA000000000033.002	MEASURED SOLUBILITIES AND SPECIATIONS FROM OVERSATURATION EXPERIMENTS OF NEPTUNIUM, PLUTONIUM AND AMERICIUM IN UE25P#1 WELL WATER FROM THE YUCCA MOUNTAIN PROJECT	01/01/92-12/30/92	THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION.	D N T
ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.1.2				
**TMBH-VARIOUS95.001	DIRECTIONAL/DEVIATION GYRO SURVEYS OF THE FOLLOWING BOREHOLES: UE-25 NRG-2, UE-25 NRG-2A, UE-25 NRG-2B, UE-25 NRG-2D, UE-25 NRG-3, UE-25 NRG-4, UE-25 NRG-5, USW NRG-6, USW NRG-7/7A, USW WT-2, UE-25 UZ-16, AND USW UZ-1. DATA CONSISTS OF 3.5" DISKETTES CONTAINING ASCII FORMAT DATA FILES.	03/15/93-05/25/94	GEOPHYSICAL LOGGING DATA COLLECTED USING PROCEDURES AP-S.III.1-Q AND YAP-SIII.4Q, "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FIELD VERIFICATION OF GEOPHYSICAL LOGGING OPERATIONS"	A Y T
	ACQN/DEVL LOCATION : N771276(N) E560221(N) 0' TO 1180' N760661(N) E561924(N) 0' TO 2029' N768880(N) E562984(N) 0' TO 1409' N766725(N) E564187(N) 0' TO 1089' N767890(N) E564770(N) 0' TO 1340' N760535(N) E564858(N) 0' TO 1643' N767080(N) E566820(N) 0' TO 710' N766251(N) E568318(N) 8' TO 315' N765700(N) E569001(N) 0' TO 255' N765801(N) E569150(N) 11' TO 115' N765764(N) E569162(N) 0' TO 283' N765765(N) E569214(N) 0' TO 310'			
*TMUE25NRG40095.001	DOWNHOLE ORIENTED COLOR VIDEO OF UE-25 NRG-4 RUN BY BARBOUR WELL SURVEYING CORP. TWO TAPES. TAPE #1: 0 TO 724.78 FT. (DOWNHOLE RUN). TAPE #2: 724.78 TO 0 FT. (UPHOLE RUN).	10/06/93-10/06/93	VIDEO TAPE DATA COLLECTED USING PROCEDURES AP S.III.1-Q & YAP-SIII.4Q "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FIELD VERIFICATION OF GEOPHYSICAL LOGGING OPERATIONS"	A Y P
	ACQN/DEVL LOCATION : N767080.21(N) E566819.99(N) ELEVATION: 4099.48 FT			

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*TMUE25NRG50095.001	DOWNHOLE ORIENTED COLOR VIDEO OF UE-25 NRG-5 RUN BY BARBOUR WELL SURVEYING CORP. TWO TAPES. TAPE #1: 0 TO 880 FT. (DOWNHOLE RUN). TAPE #2: 880 TO 1348 FT (DOWNHOLE RUN) AND 1348 TO 0 FT. (UPHOLE RUN).	10/06/93-10/06/93	VIDEO TAPE DATA COLLECTED USING PROCEDURES A Y P AP S.III.1-Q & YAP-SIII.4Q "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FIELD VERIFICATION OF GEOPHYSICAL LOGGING OPERATIONS"
	ACQN/DEVL LOCATION : N767889.61(N) ELEVATION: 4106.66 FT	E564769.87(N)	
*TMUSWG20000095.001	GEOPHYSICAL LOGGING RECORD PACKAGE (SEGMENT #1) FOR BOREHOLE USW G-2. M&O/GEOPHYSICS JOB ID # 94-G2-01. SCHLUMBERGER LOGS: PHASOR INDUCTION-GAMMA RAY (DITE/GR), ACCELERATOR NEUTRON POROSITY-GAMMA RAY (APS/GR), DUAL POROSITY NEUTRON-GAMMA RAY (CNTG/GR), LITHODENSITY-GAMMA RAY (LDTD/GR), SIDEWALL NEUTRON POROSITY-GAMMA RAY (SNP/GR). DATA CONSISTS OF FIELD PRINTS (PAPER) AND FIELD FILMS (MYLAR). USGS LOG: CONTINUOUS TEMPERATURE LOG. DATA CONSISTS OF FIELD PRINT (PAPER) AND DATA DISKETTE (3-1/2 INCH FLOPPY).	01/04/95-02/01/95	GEOPHYSICAL LOGGING DATA COLLECTED USING A Y P PROCEDURE YAP-SIII.4Q "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FIELD VERIFICATION OF GEOPHYSICAL LOGGING OPERATIONS"
	ACQN/DEVL LOCATION : DEPTH = 0' TO 2640' N778,824.18(N) 5098.4'	E560,503.88(N)	ELEVATION =

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TMUSWNRG600095.001	DOWNHOLE ORIENTED COLOR VIDEO OF USW NRG-6 RUN BY BARBOUR WELL SURVEYING CORP. THREE TAPES. TAPE #1: 0 TO 953 FT. (DOWNHOLE RUN). TAPE #2: 950 TO 1093 FT. (DOWNHOLE RUN) AND 1093 TO 910 FT. (UPHOLE RUN). TAPE #3: 911 TO 0 FT. (UPHOLE RUN).	03/18/93-03/18/93	VIDEO TAPE DATA COLLECTED BY RATHEON SERVICES NEVADA (RSN) USING APPROVED RSN QA PROCEDURES.	A Y P
	ACQN/DEVL LOCATION : N766726.28(N) 4092.20 FT	E564187.17(N)	ELEVATION:	
*TMUSWNRG7A0095.001	DOWNHOLE ORIENTED COLOR VIDEO OF USW NRG-7/7A RUN BY BARBOUR WELL SURVEYING CORP. THREE TAPES. TAPE #1: 0 TO 843 FT. (DOWNHOLE RUN). TAPE #2: 832 TO 1404 FT. (DOWNHOLE RUN) AND 1404 TO 769 FT. (UPHOLE RUN). TAPE #3: 769 TO 0 FT. (UPHOLE RUN).	06/01/94-06/01/94	VIDEO TAPE DATA COLLECTED USING PROCEDURES AP S.III.1-Q & YAP-SIII.4Q "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FIELD VERIFICATION OF GEOPHYSICAL LOGGING OPERATIONS"	A Y P
	ACQN/DEVL LOCATION : N768880.11(N) 4207.17 FT	E562983.99(N)	ELEVATION:	

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SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.1.1				
**GS910708314211.011	SR AND ND ISOTOPIC DATA AND RB, SR, ND, AND SM CONCENTRATIONS FROM DRILL CORE SPECIMENS FROM UE-25A #1. THESE DATA ARE SUPERSEDED BY DATA IDENTIFIED BY DTN GS950308314211.015.	07/01/90-11/30/90	GCP-12, RB-SR ISOTOPE GEOCHEMISTRY AND GCP-21, SM-ND ISOTOPE GEOCHEMISTRY	D N T
ACQN/DEVL LOCATION : USGS, DENVER, CO				
**GS940308314211.011	TABLE OF CONTACTS FOR THE TIVA CANYON TUFF IN BOREHOLE USW UZ-N38, VERSION(S) 1.(N), BY T. MOYER	02/01/94-03/04/94	THESE DATA WERE ACQUIRED FROM ANALYSIS OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y T
ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY				
**GS940308314211.016	TABLE OF CONTACTS FOR THE TIVA CANYON TUFF IN BOREHOLE USW UZ-N64, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN	03/01/94-03/25/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y T
ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY				
**GS940308314211.017	TABLE OF CONTACTS FOR THE TIVA CANYON TUFF IN BOREHOLE UE-25 UZN#63, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN	03/01/94-03/25/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y T
ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS940308314211.018	TABLE OF CONTACTS FOR THE TIVA CANYON TUFF IN BOREHOLE USW UZ-N36, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN	03/01/94-03/25/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y T
ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY				
**GS940308314211.019	TABLE OF CONTACTS FOR THE TIVA CANYON TUFF IN BOREHOLES USW UZ-N15, USW UZ-N16, AND USW UZ-N17, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN	03/01/94-03/25/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y T
ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY				
**GS940608314211.022	LITHOSTRATIGRAPHIC DATA FOR THE PROW PASS TUFF IN USW G-1, G-2, GU-3, AND G-4, UE-25 A#1, UE-25 C#1, C#2, AND C#3, AND FIELD OBSERVATIONS FROM RAVEN CANYON AND PROW PASS, BY T.C. MOYER.	03/03/94-06/09/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND FIELD OBSERVATIONS USING SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE; BIT CUTTINGS, AND OUTCROP".	A N T
ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV				
**GS940608314211.023	LITHOSTRATIGRAPHIC DATA FOR THE PROW PASS TUFF IN UE-25 UZ#16 BY T.C. MOYER. THE CONTACT DEPTH BETWEEN THE CALICO HILLS FORMATION AND THE PROW PASS TUFF IN THIS SEGMENT SUPERSEDE DATA PREVIOUSLY IDENTIFIED BY DTN GS931208314211.047 AND GS940308314211.009. DATA FOR PAINTBRUSH GROUP BEDDED TUFF UNITS TPBT3 AND TPBT4 IN THIS SEGMENT HAVE BEEN SUPERSEDED BY DATA IDENTIFIED BY DTN GS950108314211.008.	04/18/94-06/09/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND FIELD OBSERVATIONS USING SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP".	A Y T
ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS940608314211.024	LITHOSTRATIGRAPHIC DATA FOR THE PROW PASS TUFF IN USW UZ-14, BY T.C. MOYER. THE CONTACT ALTITUDES FOR THE PROW PASS TUFF ARE SUPERSEDED BY THOSE FOUND IN THE DATA SEGMENT IDENTIFIED BY DTN GS940908314211.043.	07/05/94-07/06/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND FIELD OBSERVATIONS USING SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP".	A Y T
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV			
**GS940608314211.025	LITHOSTRATIGRAPHIC DATA FOR THE CALICO HILLS FORMATION IN USW G-1, G-2, GU-3, AND G-4, UE-25 A#1, UE-25 C#1, C#2, AND FIELD OBSERVATIONS FROM BUSTED BUTTE AND PROW PASS, BY J.K. GESLIN.	03/03/94-05/25/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND FIELD OBSERVATIONS USING SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP".	A N T
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV			
**GS940608314211.026	LITHOSTRATIGRAPHIC DATA FOR THE CALICO HILLS FORMATION IN UE-25 UZ#16 BY J.K. GESLIN. THESE DATA SUPERSEDE A PORTION OF THE DATA PREVIOUSLY IDENTIFIED BY DTN GS931208314211.047.	04/18/94-04/20/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND FIELD OBSERVATIONS USING SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP".	A Y T
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV			
**GS940608314211.027	LITHOSTRATIGRAPHIC DATA FOR THE CALICO HILLS FORMATION IN USW UZ-14 BY J.K. GESLIN.	04/19/94-07/06/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND FIELD OBSERVATIONS USING SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP".	A Y T
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS940708314211.034	MISCELLANEOUS LITHOSTRATIGRAPHIC CONTACTS IN NON-QUALIFIED BOREHOLES (USW G-2 AND G-4, UE-25 A#1), VERSION(S) 1.(N), BY T.C. MOYER	04/27/94-04/28/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND/OR CUTTINGS USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A N T
ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY				
**GS940708314211.035	MEASURED STRATIGRAPHIC SECTION ON THE EAST SIDE OF SOLITARIO CANYON (SECTION SC#1), BY J.K. GESLIN AND T.C. MOYER	11/29/93-12/07/93	THESE MEASURED SECTION DATA WERE ACQUIRED USING GP-01,R2, GEOLOGIC MAPPING.	A Y C
ACQN/DEVL LOCATION : N757634(N) E558253(N)				
**GS940808314211.041	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE USW SD-9 FROM SURFACE TO THE BASE OF THE PAINTBRUSH GROUP, VERSION(S) 1.(N), BY T. MOYER AND G.S. MONGANO	07/07/94-08/04/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001 STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y C
ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY				
**GS940908314211.043	TABLE OF LITHOLOGIC CONTACTS FROM THE BASE OF THE TOPOPAH SPRING TUFF TO TOTAL DEPTH IN BOREHOLE USW UZ-14, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN. THE CONTACT ALTITUDES FOR THE PROW PASS TUFF SUPERSEDE THOSE FOUND IN THE DATA SEGMENT PREVIOUSLY IDENTIFIED BY DTN GS940608314211.024. LITHOLOGIC DATA FOR THE CALICO HILLS FORMATION SUPERSEDE THOSE FOUND IN THE DATA SEGMENT PREVIOUSLY IDENTIFIED BY DTN GS940108314211.001. THE CONTACT BETWEEN UNIT 2 AND UNIT 3 OF THE PROW PASS PASS TUFF IS SUPERSEDED BY THE DATA SEGMENT IDENTIFIED BY DTN GS950608314211.024.	04/19/94-07/06/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP.	A Y T
ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS940908314211.044	TABLE OF LITHOLOGIC CONTACTS FOR THE PAINTBRUSH GROUP IN BOREHOLE USW SD-12, VERSION(S) 1.(N), BY J. GESLIN AND J. WUNDERLICH	05/10/94-09/23/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y T
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
**GS940908314211.045	GRAPHICAL LITHOLOGIC LOG OF THE PAINTBRUSH GROUP FOR BOREHOLE USW SD-12, VERSION(S) 1.(N), BY J. GESLIN AND JON R. WUNDERLICH	07/07/94-09/23/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
**GS941008314211.049	GRAPHICAL LITHOLOGIC LOG FOR BOREHOLE USW UZ-N32, SURFACE TO TOTAL DEPTH, VERSION(S) 1.(N), BY J. GESLIN. DATA FOR THE PAINTBRUSH BEDDED TUFF UNITS TPBT3 AND TPBT4 IN THIS SEGMENT HAVE BEEN SUPERSEDED BY DATA IDENTIFIED BY DTN GS950108314211.008. DATA FOR THE BASE OF THE PAH CANYON TUFF TO THE TOP OF TOPOPAH SPRING TUFF CRYSTAL-RICH VITROPHYRE HAVE BEEN SUPERSEDED BY DATA IDENTIFIED BY DTN GS950108314211.010.	09/21/94-09/22/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS941008314211.050	TABLE OF LITHOLOGIC CONTACTS IN BOREHOLE USW SD-9 FROM THE BASE OF THE PAINTBRUSH GROUP TO TOTAL DEPTH, VERSION(S) 1.(N), BY T. MOYER (RECORDS PACKAGE INCLUDES COMPLETE TABLE OF CONTACTS OF USW SD-9).	09/27/94-10/04/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y T
ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY				
**GS941008314211.051	GRAPHICAL LITHOLOGIC LOG FOR BOREHOLE USW UZ-N31, VERSION(S) 1.(N), BY J. GESLIN. DATA FOR THE BASE OF THE PAH CANYON TUFF TO THE TOP OF THE TOPOPAH SPRING TUFF CRYSTAL-RICH VITROPHYRE IN THIS SEGMENT HAVE BEEN SUPERSEDED BY DATA IDENTIFIED BY DTN GS950108314211.010.	10/06/94-10/06/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y C
ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY				
**GS941108314211.052	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE USW SD-9 FROM THE BASE OF THE PAINTBRUSH GROUP TO TOTAL DEPTH, VERSION(S) 1.(N), BY T. MOYER AND G.S. MONGANO (RECORDS PACKAGE INCLUDES COMPLETE LOG OF USW SD-9).	09/27/94-11/02/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y C
ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS941108314211.055	TABLE OF SELECTED LITHOLOGIC CONTACTS IN BOREHOLES UE-25 NRG#4 AND UE-25 NRG#5: IDENTIFICATION FROM BIT CUTTINGS. VERSION(S) 1.(N), BY DAVID C. BUESCH. DATA FOR THE BASE OF THE PAH CANYON TUFF TO THE TOP OF THE TOPOPAH SPRING TUFF CRYSTAL-RICH VITROPHYRE IN THIS SEGMENT HAVE BEEN SUPERSEDED BY DATA IDENTIFIED BY DTN GS950108314211.010.	10/07/94-11/04/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF BIT CUTTINGS USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTIONS OF CORE, BIT CUTTINGS, AND OUTCROP	A Y C
ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY				
**GS941108314211.057	X-RAY FLUORESCENCE ELEMENTAL COMPOSITIONS ACQUIRED 7/13/93 TO 3/22/94	07/13/93-03/22/94	USGS TECHNICAL PROCEDURE GCP-25,R0, DETERMINATION OF CHEMICAL COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY	A Y C
ACQN/DEVL LOCATION : USGS, DENVER, CO				
*GS941108314211.058	X-RAY FLUORESCENCE ELEMENTAL COMPOSITIONS ACQUIRED 4/26/94 TO 8/16/94	04/26/94-08/16/94	USGS TECHNICAL PROCEDURE GCP-25,R0: DETERMINATION OF CHEMICAL COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY	A Y C
ACQN/DEVL LOCATION : USGS, DENVER, CO				
*GS950308314211.014	MEASURED STRATIGRAPHIC SECTION 95R2D2-1, BY BOB DICKERSON AND RON DRAKE	01/28/95-01/29/95	THIS SECTION WAS MEASURED USING TECHNICAL PROCEDURE NWM-USGS GP-01,R2, GEOLOGIC MAPPING	A Y P
ACQN/DEVL LOCATION : N758700 (N) E558000 (N) ;N758700 (N) E556200 (N)				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS950308314211.015	ASSESSING THE NATURAL PERFORMANCE OF FELSIC TUFFS USING THE RB-SR AND SM-ND SYSTEMS -- A STUDY OF THE ALTERED ZONE IN THE TOPOPAH SPRING MEMBER, PAINTBRUSH TUFF, YUCCA MOUNTAIN, NEVADA, BY Z.E. PETERMAN, R.W. SPENGLER, K. FUTA, B.D. MARSHALL AND S.A. MAHAN. THESE DATA SUPERSEDE DATA PREVIOUSLY IDENTIFIED BY DTN'S GS931108315215.032 AND GS910708314211.011.	07/01/90-11/30/90	THIS STUDY UNDERTAKEN TO HELP DETERMINE THE VERTICAL AND LATERAL CHARACTERISTICS OF VOLCANIC STRATA AND THE NATURE, EXTENT, AND TIMING OF THEIR ALTERATION. EMPHASIS IS ON 1) ZEOLITIZED ZONE ASSOCIATED WITH THE LOWER VITROPHYRE, AND 2) DENSELY WELDED HIGH-SILICA RHYOLITE. DATA RESULTS ARE PRESENTED IN TABULAR AND GRAPHICAL FORMATS.	D N T
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS950308314211.016	SUMMARY OF DATA FOR LINEAR TRAVERSES: UE-25 NRG#5 FROM A DEPTH OF 781.5' TO 992.2' AND USW UZ-14 FROM 705' TO 946', BY JON WUNDERLICH	03/30/93-09/30/94	THIS DATA WAS ACQUIRED USING METHODS DEVELOPED IN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS, NV			
*GS950408314211.020	MEASURED STRATIGRAPHIC SECTION ON THE EASTERN SIDE OF ABANDONED WASH (SECTION PTN#10), BY THOMAS MOYER AND JEFFREY GESLIN	04/05/95-04/05/95	THIS SECTION WAS MEASURED USING TECHNICAL PROCEDURE NWM-USGS GP-01,R2, GEOLOGIC MAPPING	A Y P
	ACQN/DEVL LOCATION : N754150(N) E560500(N)			
*GS950508314211.022	SIMPLIFIED STRUCTURAL LOG OF BOREHOLE USW UZ-N35	01/27/93-01/27/93	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC NOTEBOOK SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS, NV			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS950608314211.023	X-RAY FLUORESCENCE ELEMENTAL COMPOSITIONS ACQUIRED 09/26/94 TO 02/9/95 ACQN/DEVL LOCATION : USGS, DENVER, CO	09/26/94-02/09/95	USGS TECHNICAL PROCEDURE GCP-25,R0: DETERMINATION OF CHEMICAL COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY	A Y P
*GS950608314211.024	TABLE OF LITHOLOGIC CONTACTS FROM THE BASE OF THE TOPOPAH SPRING TUFF TO TOTAL DEPTH IN BOREHOLE USW UZ-14, VERSION(S) 1. (N), BY T. MOYER AND J. GESLIN. THESE DATA SUPERSEDE DATA PREVIOUSLY IDENTIFIED BY DTN GS940908314211.043 DUE TO AN ERROR IN REPORTING THE CONTACT BETWEEN UNIT 2 AND UNIT 3 OF THE PROW PASS TUFF. ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY	04/19/94-07/06/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001; STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP.	A Y P
*GS950608314211.025	44 MEASURED SECTIONS, MEASURED IN 1985 AND 1986 IN THE VICINITY OF YUCCA MOUNTAIN ACQN/DEVL LOCATION : N710911 (N) E528791 (N) N774892 (N) E550600 (N) N785742 (N) E551594 (N) N785207 (N) E551912 (N) N784040 (N) E551934 (N) N784980 (N) E552110 (N) N784859 (N) E552181 (N) N786386 (N) E553039 (N) N785851 (N) E553118 (N) N785453 (N) E553231 (N) N785886 (N) E553799 (N) N784607 (N) E554269 (N) N783006 (N) E555269 (N) N783710 (N) E555822 (N) N782874 (N) E558277 (N) N735415 (N) E560181 (N) N781613 (N) E561879 (N) N778128 (N) E561918 (N)	06/19/85-03/09/86	DATA WERE COLLECTED USING PROCEDURE GP-01, R0, GEOLOGIC MAPPING.	A N P

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	N779136 (N) E562697 (N)			
	N747531 (N) E563438 (N)			
	N777985 (N) E564135 (N)			
	N777887 (N) E564285 (N)			
	N782168 (N) E564631 (N)			
	N784603 (N) E564759 (N)			
	N784631 (N) E565929 (N)			
	N784953 (N) E566160 (N)			
	N780957 (N) E566787 (N)			
	N748389 (N) E573618 (N)			
	N781901 (N) E575591 (N)			
	N778647 (N) E579237 (N)			
	N774333 (N) E579312 (N)			
	N772561 (N) E582383 (N)			
	N770760 (N) E583144 (N)			
	N772133 (N) E583804 (N)			
	N772075 (N) E584217 (N)			
	N739512 (N) E601124 (N)			
	N725711 (N) E601168 (N)			
	N731364 (N) E601520 (N)			
	N724212 (N) E630779 (N)			
*GS950608314211.026	FRACTURE DATA ACQUIRED FROM TELEVISION LOGS, 1979-1985	01/01/79-12/31/85	DATA WERE ACQUIRED USING STANDARD USGS PROCEDURES	A N P
	ACQN/DEVL LOCATION :			
	UE-25 A#4			
	UE-25 B#1			
	UE-25 C#2			
	UE-25 UZ#4			
	UE-25 UZ#5			
	UE-25 WT#14			
	UE-25 WT#15			
	UE-25 WT#16			
	UE-25 WT#17			
	UE-25 WT#18			
	UE-25 WT#4			
	UE-25 WT#6			
	USW G-2			
	USW G-4			
	USW H-3			
	USW H-4			
	USW H-6			

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW UZ-1 USW WT-1 USW WT-10 USW WT-11 USW WT-2 USW WT-7			
Activity - 8.3.1.4.2.1.2				
**GS921108314212.009	GRAVITY AND MAGNETIC ANOMALIES IN THE VICINITY OF YUCCA MOUNTAIN, NEVADA, AND THEIR GEOLOGIC IMPLICATIONS, BY DAVID A. PONCE AND H.W. OLIVER ACQN/DEVL LOCATION : USGS, MENLO PARK, CA	01/01/90-12/15/90	COMPILATION OF GRAVITY AND AEROMAGNETIC SURVEYS.	D N P
**GS930808314212.010	GRAVITY AND MAGNETIC DATA OF MIDWAY VALLEY, SOUTHWEST NEVADA, BY D.A. PONCE, V.E. LANGENHEIM, AND R.F. SIKORA ACQN/DEVL LOCATION : USGS, MENLO PARK, CA	09/30/92-08/30/93	COMPILATION AND ANALYSIS OF THE SOURCE DATA	D Y P
**GS930808314212.011	GRAVITY AND MAGNETIC STUDY OF YUCCA WASH, SOUTHWEST NEVADA, BY V.E. LANGENHEIM, D.A. PONCE, H.W. OLIVER, AND R.F. SIKORA ACQN/DEVL LOCATION : USGS, MENLO PARK, CA	09/30/92-08/30/93	COMPILATION AND ANALYSIS OF THE SOURCE DATA	D Y P
**GS940508314212.002	DENSITY AND MAGNETIC SUSCEPTIBILITY DATA, BARE MOUNTAIN SAMPLES: JANUARY 1, 1994 - MARCH 30, 1994 ACQN/DEVL LOCATION : USGS, MENLO PARK, CA	01/01/94-03/30/94	NWM-USGS GPP-01,R2, GRAVITY METHODS; NWM-USGS GPP-11,R2, MAGNETIC METHODS	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS940808314212.003	GHOST DANCE FAULT GRAVITY AND MAGNETIC DATA, SEPT. 1993, BY H. OLIVER	09/27/93-10/30/93	TECHNICAL PROCEDURES GPP-01,R2, GRAVITY METHODS, AND GPP-11,R2, MAGNETIC METHODS	A Y T
ACQN/DEVL LOCATION :				
	36 49.82'N 116 26.56'W			
	36 49.82'N 116 26.59'W			
	36 49.83'N 116 26.62'W			
	36 49.83'N 116 26.68'W			
	36 49.83'N 116 26.71'W			
	36 49.83'N 116 26.74'W			
	36 49.83'N 116 26.77'W			
	36 49.83'N 116 26.80'W			
	36 49.83'N 116 26.83'W			
	36 49.83'N 116 26.86'W			
	36 49.84'N 116 26.88'W			
	36 49.85'N 116 26.91'W			
	36 49.86'N 116 26.94'W			
	36 49.87'N 116 26.96'W			
	36 49.88'N 116 26.99'W			
	36 49.89'N 116 27.01'W			
	36 49.90'N 116 27.04'W			
	36 49.90'N 116 27.07'W			
	36 49.90'N 116 27.10'W			
	36 49.91'N 116 27.13'W			
	36 49.91'N 116 27.15'W			
	36 49.90'N 116 27.18'W			
	36 49.89'N 116 27.21'W			
	36 49.87'N 116 27.26'W			
	36 49.87'N 116 27.28'W			
	36 49.85'N 116 27.33'W			
	36 49.88'N 116 27.33'W			
	36 49.85'N 116 27.36'W			
	36 49.84'N 116 27.38'W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS950108314212.001	MAJOR RESULTS OF REGIONAL GEOPHYSICAL INVESTIGATIONS AT YUCCA MOUNTAIN AND VICINITY, NEVADA, H.W. OLIVER, D.A. PONCE, AND W.C. HUNTER, EDITORS	08/01/87-12/30/94	DESCRIPTION OF INVESTIGATIONS FOCUSING ON GRAVITY, MAGNETIC, MAGNETOTELLURIC, SEISMIC REFRACTION, SEISMIC REFLECTION AND TELESEISMIC STUDIES. THE GEOLOGIC AND REGIONAL THERMAL SETTINGS AS WELL AS STRESS MEASUREMENTS ARE INCLUDED.	D N P
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA			
*GS950608314212.005	MAGNETIC AND GRAVITY DATA FOR THE REGIONAL SEISMIC REFLECTION LINES, SITING OF PROPOSED VOLCANIC DRILL HOLES IN AMARGOSA VALLEY AND CRATER FLAT, AND HIGH RESOLUTION SEISMIC TRAVERSES IN THE CENTRAL BLOCK FROM 11/5/94 TO 3/31/95	11/05/94-03/31/95	DATA WERE ACQUIRED USING TECHNICAL PROCEDURE GPP-01,R2, GRAVITY METHODS, AND GPP-11,R2-M1, MAGNETIC METHODS	A Y P
	ACQN/DEVL LOCATION : 36 55'00"N 116 20'00"W ;36 27'30"N 116 45'00"W			
*GS950608314212.006	MAGNETIC AND GRAVITY STUDIES OF BURIED VOLCANIC CENTERS IN THE AMARGOSA DESERT AND CRATER FLAT, SOUTHWEST NEVADA, BY V.E. LANGENHEIM	04/01/95-05/31/95	GROUND MAGNETIC AND GRAVITY DATA COLLECTED OVER THREE AEROMAGNETIC ANOMALIES IN THE VICINITY OF YUCCA MOUNTAIN WERE EVALUATED IN AN EFFORT TO BETTER UNDERSTAND THE HISTORY OF VOLCANISM AND THE PROBABILITY OF FUTURE VOLCANIC ACTIVITY AT YUCCA MOUNTAIN. MODELING OF DATA WAS USED TO LOCATE THE EDGES AND ESTIMATE THE MAXIMUM DEPTH TO THE TOP OF THE CAUSATIVE BODY FOR USE IN DEFINING FUTURE DRILLING LOCATIONS.	D Y P
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.1.3				
**GS900908314213.010	INTERPRETATION OF GEOPHYSICAL WELL-LOG MEASUREMENTS IN DRILL HOLES UE25A-4, -5, -6, -7 (UE-25 A#4, A#5, A#6, A#7), YUCCA MOUNTAIN, NEVADA TEST SITE, BY J.J. DANIELS, J.H. SCOTT, AND J.T. HAGSTRUM. DATA FOR THE BASE OF THE PAH CANYON TUFF TO THE TOP OF THE TOPOPAH SPRING TUFF CRYSTAL-RICH VITROPHYRE HAVE BEEN SUPERSEDED BY DATA IDENTIFIED BY DTN GS950108314211.011. DATA FOR THE YUCCA MOUNTAIN TUFF IN THIS SEGMENT HAVE BEEN SUPERSEDED BY DATA IDENTIFIED BY DTN GS950208314211.012.	06/01/79-12/31/80	STANDARD USGS METHODS.	D N C
ACQN/DEVL LOCATION : USGS, DENVER, CO				
Activity - 8.3.1.4.2.2				
*RA950000000001.003	ESF NORTH RAMP ELEVATION SURVEY	02/08/95-04/20/95	THE METHOD OF ACQUISITION OF THIS DATA WAS A Y P ACTUAL FIELD SURVEY USING RSN PROCEDURE PP-01-03.	
ACQN/DEVL LOCATION : ESF NORTH RAMP				
*RA950000000001.004	ESF NORTH RAMP ELEVATION SURVEY	04/21/95-06/21/95	THE METHOD OF ACQUISITION OF THIS DATA WAS A Y P ACTUAL FIELD SURVEY USING RSN PROCEDURE PP-01-03.	
ACQN/DEVL LOCATION : ESF NORTH RAMP				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.2.1				
**GS931208314221.012	FAULT ATTITUDE DATA OF THE PAINTBRUSH CANYON FAULT SYSTEM.	05/01/92-11/05/93	NWM-USGS GP-01,R2, GEOLOGIC MAPPING.	A Y T
	ACQN/DEVL LOCATION : N770270(N) E570900(N) ;N793000(N) E579000(N)			
Activity - 8.3.1.4.2.2.2				
**GS900908314222.001	FRACTURES IN OUTCROPS IN THE VICINITY OF DRILL HOLE USW G-4, YUCCA MOUNTAIN, NEVADA, DATA ANALYSIS AND COMPILATION, BY C.C. BARTON, W.R. PAGE, AND T.L. MORGAN.	01/01/84-01/20/89	USGS STANDARD METHODS, PLOTTING AND ANALYSIS.	D N T
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS940308314222.001	FRACTURE DATA FOR PAVEMENT ARP-1, 12/17-22/93, 2/8-12/94, 2/28/94, AND 3/1/94	12/17/93-12/22/93 02/08/94-02/12/94 02/28/94-02/28/94 03/01/94-03/01/94	TECHNICAL PROCEDURE NWM-USGS GP-12,R1, MAPPING ON PAVEMENTS, OUTCROPS, AND ALONG TRAVERSES.	A Y T
	ACQN/DEVL LOCATION : N762,743.93(N) E562,488.87(N) ARP-1			
**GS940608314222.002	CHARACTERIZING FRACTURED ROCK FOR FLUID-FLOW, GEOMECHANICAL, AND PALEOSTRESS MODELING: METHODS AND PRELIMINARY RESULTS FROM YUCCA MOUNTAIN, NEVADA BY: C.C. BARTON, E. LARSEN, W.R. PAGE, T.M. HOWARD	01/01/90-01/01/91	CHARACTERIZATION AND MAPPING OF A COMPLEX NETWORK OF FRACTURES WHICH WAS EXPOSED ON THREE 214 TO 260 SQUARE METER PAVEMENTS IN THE UPPER LITHOPHYSAL UNIT OF THE TIVA CANYON MEMBER OF THE MIOCENE PAINTBRUSH TUFF.	D N T
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS950108314222.001	FRACTURE MAPPING AT FRAN RIDGE, PAVEMENT P2001, BY DONALD S. SWEETKIND	11/29/94-01/10/95	PAVEMENT WAS MAPPED USING PROCEDURE GP-12, RI-M1, MAPPING FRACTURES ON PAVEMENTS, OUTCROPS AND ALONG TRAVERSES.	A Y C
	ACQN/DEVL LOCATION : UE-25 P2001			
*GS950508314222.003	FRACTURE DATA FROM THREE NATURAL EXPOSURES OF THE PTN SECTION OF SOLITARIO CANYON	03/20/95-04/21/95	NATURAL EXPOSURE WAS MAPPED USING GP-12, RI-M1, MAPPING FRACTURES ON PAVEMENTS, OUTCROPS AND ALONG TRAVERSES	A Y P
	ACQN/DEVL LOCATION : N764900 (N) E558150 (N) ;N759530 (N) E557450 (N)			
*GS950508314222.004	SURFACE FRACTURE NETWORK AT FRAN RIDGE, P2001, NEAR YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY D.S. SWEETKIND, VERBEEK, SINGER, BYERS, AND MARTIN	02/27/95-06/15/95	THIS REPORT WAS DEVELOPED FROM FIELD OBSERVATIONS AND MEASUREMENTS OF FRACTURE SIZE, ORIENTATION DISTRIBUTIONS, DENSITY AND FRACTURE SYSTEM GEOMETRY. SEQUENTIAL DEVELOPMENT OF THE FRACTURE NETWORK AND SUBSEQUENT REACTIVATION OF FRACTURES WERE INTERPRETED IN AN EFFORT TO UNDERSTAND STRUCTURAL EVOLUTION, PALEOSTRESS HISTORY, AND FRACTURE NETWORK PROPERTIES. PETROGRAPHIC STUDY OF BRECCIATED FRACTURE FILL INCLUDES A DESCRIPTION OF BRECCIA CLASTS, FRACTURE FILL CEMENTING MATERIALS, AND ALTERATION MINERALOGY.	D Y P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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Activity - 8.3.1.4.2.2.4

*GS950508314224.002	DETAILED LINE SURVEY FROM NORTH RAMP OF THE ESF, STATION 0 + 60 TO 4 + 00	11/21/94-03/21/95	DATA WERE ACQUIRED USING TECHNICAL PROCEDURE NWM-USGS GP-32,R0, UNDERGROUND GEOLOGIC MAPPING, AND SCIENTIFIC NOTEBOOKS SN-0083, COLLECTION AND PROCESSING OF GEOTECHNICAL DATA, AND SN-0084, COLLECTION OF UNDERGROUND SITE CHARACTERIZATION DATA	A Y P
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ACQN/DEVL LOCATION : EXPLORATORY STUDIES FACILITY NORTH RAMP

*GS950508314224.003	GEOTECHNICAL REPORT FOR STATION 0 + 60 TO 4 + 00, NORTH RAMP OF THE ESF	11/21/94-03/21/95	DATA WERE DEVELOPED USING TECHNICAL PROCEDURE NWM-USGS GP-32,R0, UNDERGROUND GEOLOGIC MAPPING, AND SCIENTIFIC NOTEBOOKS SN-0083, COLLECTION AND PROCESSING OF GEOTECHNICAL DATA, AND SN-0084, COLLECTION OF UNDERGROUND SITE CHARACTERIZATION DATA	D Y P
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ACQN/DEVL LOCATION : NTS

Activity - 8.3.1.4.3.1

**TM000000SD12RP.001	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION: - SHIFT DRILLING SUMMARIES (YMP-012-R2) - STRUCTURAL LOGS (YMP-011-R4) - LITHOLOGIC LOGS (YMP-009-R4) FROM 300.8 THROUGH 540.7 FEET	04/01/94-04/25/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF: FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y T
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ACQN/DEVL LOCATION : N761,956.6(N) (EST.) E561,605.7(N) (EST.) GROUND
ELEV. 4343.0'

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM000000SD12RP.002	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS FROM 540.7 TO 600.7 FEET AND IS RECORDED ON THE FOLLOWING DOCUMENTS: -SHIFT DRILLING SUMMARIES (YMP-012-R2) -STRUCTURAL LOGS (YMP-011-R4) -LITHOLOGIC LOGS (YMP-009-R4)	04/26/94-05/02/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF; FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y T
	ACQN/DEVL LOCATION : N761,956.6(N) (EST) E561,605.7(N) (EST) GROUND ELEV. 4343.0'			
**TM000000SD12RP.003	USW-SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS FROM 600.7 TO 660.7 FEET AND IS RECORDED ON THE FOLLOWING DOCUMENTS: - SHIFT DRILLING SUMMARIES (YMP-012-R2) - STRUCTURAL LOGS (YMP-001-R4) - LITHOLOGIC LOGS (YMP-009-R4).	05/03/94-05/06/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF; FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y T
	ACQN/DEVL LOCATION : N761,956.6(N) (EST) E561,605.7(N) (EST) GROUND ELEV. 4343.0'			
**TM000000SD12RP.004	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS RECORDED ON THE FOLLOWING DOCUMENTS: - SHIFT DRILLING SUMMARIES (YMP-012-R2), 660.7' TO 700.8'; - STRUCTURAL LOGS (YMP-001-R4), 667.9' TO 699.7'; AND - LITHOLOGIC LOG (YMP-009-R4), 650.0' TO 675.0'.	05/09/94-05/13/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF; FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y T
	ACQN/DEVL LOCATION : N761,956.6(N) (EST) E561,605.7(N) (EST) GROUND ELEV. 4343.0'			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM000000SD12RP.005	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS RECORDED ON THE FOLLOWING DOCUMENTS: - SHIFT DRILLING SUMMARIES (YMP-012-R2), 700.8-703.9; - STRUCTURAL LOGS (YMP-001-R4), 699.5-714.9; AND - LITHOLOGIC LOGS (YMP-009-R4), 675.0 TO 725.0.	05/16/94-05/20/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF; FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y T
	ACQN/DEVL LOCATION : N761,956.6(N) (EST) E561,605.7(N) (EST) GROUND ELEV. 4343.0'			
	Activity - 8.3.1.4.3.1.1			
**SNT02012894001.001	GEOLOGIC CORE LOGS FOR USW SD-12	05/27/94-10/19/94	GEOLOGIC LOGGING OF DRILL CORE AND ASSOCIATED VIDEO TAPES; HAND SPECIMEN EXAMINATION UNDER HAND LENS OR BINOCULAR MICROSCOPE.	A Y C
	ACQN/DEVL LOCATION : YMP SAMPLE MANAGEMENT FACILITY			
**SNT02052794001.001	GEOLOGIC CORE LOGS FOR USW SD-9. (THIS DATA HAS BEEN SUPERSEDED BY DTN: SNT02052794001.002)	05/27/94-10/19/94	GEOLOGIC LOGGING OF DRILL CORE AND ASSOCIATED VIDEO TAPES; HAND SPECIMEN EXAMINATION UNDER HAND LENS OR BINOCULAR MICROSCOPE.	A Y C
	ACQN/DEVL LOCATION : YMP SAMPLE MANAGEMENT FACILITY			
*SNT02052794001.002	GEOLOGIC CORE LOGS FOR USW SD-9. (THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN: SNT02052794001.001)	05/27/94-04/04/95	GEOLOGIC LOGGING OF DRILL CORE AND ASSOCIATED VIDEO TAPES; HAND SPECIMEN EXAMINATION UNDER HAND LENS OR BINOCULAR MICROSCOPE.	A Y P
	ACQN/DEVL LOCATION : YMP SAMPLE MANAGEMENT FACILITY			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*SNT02110894001.001	GEOLOGIC CORE LOGS FOR USW SD-7	11/08/94-04/01/95	GEOLOGIC LOGGING OF DRILL CORE AND ASSOCIATED VIDEO TAPES; HAND SPECIMEN EXAMINATION UNDER HAND LENS OR BINOCULAR MICROSCOPE	A Y P
ACQN/DEVL LOCATION : YMP SAMPLE MANAGEMENT FACILITY				
Activity - 8.3.1.5.1.1.1				
*GS950608315111.001	DELTA-D AND DELTA-180 VALUES OF PRECIPITATION AT YUCCA MOUNTAIN AND SURROUNDING REGIONS ON SAMPLES COLLECTED FROM 2/93 TO 2/95	04/20/95-05/20/95	GCP-17,R3, DETERMINATION OF THE ISOTOPIC RATIO OF H/D IN H2O	A Y P
ACQN/DEVL LOCATION : USGS, DENVER, CO				
Activity - 8.3.1.5.1.4.2				
**GS940108315142.003	FIELD NOTES AND STATION LOCATION MAP SUPPORTING SURFICIAL GEOLOGIC MAPPING OF THE NORTHEAST 1/4 OF THE BUSTED BUTTE 7.5' QUADRANGLE	05/01/92-12/22/93	GEOLOGIC MAPPING FOLLOWING TECHNICAL PROCEDURE GP-01,R2, GEOLOGIC MAPPING, INCLUDING AIRPHOTO INTERPRETATION AND FIELD OBSERVATIONS.	A Y P
ACQN/DEVL LOCATION : 36 48'45"N 116 26'15"W ;36 52'30"N 116 22'30"W				
**GS940108315142.004	PRELIMINARY SURFICIAL DEPOSITS MAP OF THE NORTHEAST QUARTER OF THE BUSTED BUTTE 7.5-MINUTE QUADRANGLE, BY S.C. LUNDSTROM, J.R. WESLING AND E.M. TAYLOR (1:12,000)	05/01/92-12/22/92	COMPILATION AND ANALYSIS OF SURFICIAL DEPOSIT MAPPING DATA, INCLUDING AIRPHOTO INTERPRETATION AND FIELD OBSERVATIONS, AND AGE DATA FROM THERMOLUMINESCENCE AND U-SERIES ANALYSES OF SAMPLES.	D Y P
ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS940108315142.005	PRELIMINARY SURFICIAL DEPOSITS MAP OF THE SOUTHERN HALF OF THE TOPOPAH SPRING NW 7.5-MINUTE QUADRANGLE, BY S.C. LUNDSTROM AND E.M. TAYLOR (1:12,000)	05/01/92-12/22/93	COMPILATION AND ANALYSIS OF SURFICIAL DEPOSIT MAPPING DATA, INCLUDING AIRPHOTO INTERPRETATION AND FIELD OBSERVATIONS, AND AGE DATA FROM THERMOLUMINESCENCE AND U-SERIES ANALYSES OF SAMPLES.	D Y P
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV			
**GS940708315142.008	PRELIMINARY SURFICIAL DEPOSITS MAP OF THE NORTHWEST QUARTER OF THE BUSTED BUTTE 7.5-MINUTE QUADRANGLE, NYE COUNTY, NEVADA, BY S.C. LUNDSTROM, S.A. MAHAN, AND J.B. PACES (1:12,000)	04/04/94-07/27/94	THE MAP WAS COMPILED FROM A COMBINATION OF AIRPHOTO INTERPRETATION AND FIELD CHECKS AS DOCUMENTED IN FIELD NOTEBOOKS, AS WELL AS AGE DATA OBTAINED FROM THERMOLUMINESCENCE AND U-SERIES ANALYSES OF SAMPLES.	D Y P
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV			
*GS950408315142.004	PRELIMINARY MAP OF THE SURFICIAL DEPOSITS OF THE SOUTHERN HALF OF THE BUSTED BUTTE 7.5' QUADRANGLE, NYE COUNTY, NEVADA, BY SCOTT LUNDSTROM, J. WHITNEY, J. PACES, AND S. MAHAN.	10/01/94-01/25/95	THE MAP WAS COMPILED FROM A COMBINATION OF AIRPHOTO INTERPRETATION AND FIELD CHECKS AS DOCUMENTED IN FIELD NOTEBOOKS AND AGE DATA OBTAINED FROM THERMOLUMINESCENCE AND U-SERIES ANALYSES OF SAMPLES.	D Y P
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV			
*GS950408315142.005	FIELD NOTES AND STATION LOCATION MAP SUPPORTING SURFICIAL DEPOSITS MAPPING OF THE SOUTHERN HALF OF THE TOPOPAH SPRING NW QUADRANGLE	05/01/92-06/30/93	GP-01, R2, GEOLOGIC MAPPING.	A Y P
	ACQN/DEVL LOCATION : 36 52'30"N 116 30'0"W ;36 56'15"N 116 22'30"W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	D Q A U L T A O A L C I A T F T Y I I P E O E D N
Activity - 8.3.1.5.2.1.3				
**GS910508315213.001	PHYSICAL PROPERTY DATA FROM PLAYA SOIL SAMPLES COLLECTED 1/4/91 TO 1/10/91 AT JORNADA, FLAT, OLD COE, DRY (ON FT. BLISS RANGE), ISAACK, PLAYAS AND GRONTON LAKES, AND WHITE SANDS IN NM; BROADWELL, DANBY, DRY (NEAR PANAMINT SPRING), DRY (ON 29 PALMS BASE), FORD DRY, FORD, HARPER, HAYFIELD, AND MIRROR LAKES, AND BADWATER IN CA; PETERS PLAYA AND STEWART VALLEY IN NV; 1/24/91 TO 1/26/91 AT ELDORADO DRY, JEAN, AND ROACH DRY LAKES IN NV, AND IVANPAH DRY, SILVER DRY, SODA, EAST CRONESE, AND LUCERNE LAKES IN CA; AND 3/24/91 AT SILURIAN DRY LAKE, CA	01/04/91-01/10/91 01/24/91-01/26/91 03/24/91-03/24/91	SAMPLES WERE COLLECTED WITH A BED MATERIALS SAMPLER TO A DEPTH OF 5 CENTIMETERS AND PHYSICAL PROPERTIES DESCRIBED USING GP-17,R1, "DESCRIBING AND SAMPLING SOILS IN THE FIELD".	A Y T
ACQN/DEVL LOCATION :				
32 46'31"N 106 08'39"W				
32 47'51"N 106 12'27"W				
32 47'50"N 106 12'45"W				
32 14'08"N 106 23'05"W				
32 14'08"N 106 23'07"W				
32 07'13"N 106 31'10"W				
32 07'11"N 106 31'14"W				
32 27'22"N 106 43'07"W				
32 27'22"N 106 43'13"W				
32 45'32"N 106 54'00"W				
32 45'27"N 106 54'15"W				
33 05'37"N 107 00'45"W				
33 05'40"N 107 02'00"W				
31 53'58"N 108 12'30"W				
31 54'00"N 108 12'34"W				
31 54'34"N 108 35'46"W				
31 54'33"N 108 35'58"W				
35 52'03"N 114 56'33"W				
33 36'56"N 114 58'43"W				
33 37'51"N 115 01'43"W				
33 28'48"N 115 02'27"W				
33 38'38"N 115 02'32"W				
34 11'15"N 115 02'39"W				
35 47'30"N 115 15'40"W				
35 39'47"N 115 21'53"W				

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	35 34'19"N 115 23'49"W			
	33 41'36"N 115 37'48"W			
	33 41'54"N 115 37'52"W			
	34 31'08"N 115 51'34"W			
	34 31'10"N 115 52'23"W			
	35 14'21"N 116 05'00"W			
	35 21'36"N 116 06'04"W			
	36 14'13"N 116 09'54"W			
	35 31'17"N 116 10'10"W			
	36 14'11"N 116 10'10"W			
	34 50'12"N 116 11'02"W			
	34 50'30"N 116 11'26"W			
	36 28'20"N 116 13'36"W			
	36 28'06"N 116 14'13"W			
	35 07'52"N 116 16'24"W			
	38 13'50"N 116 46'02"W			
	34 30'45"N 116 56'45"W			
	35 01'34"N 117 16'34"W			
	35 00'58"N 117 16'42"W			
	36 19'26"N 117 23'52"W			
	36 19'21"N 117 24'10"W			
	35 38'47"N 117 38'24"W			
	35 38'47"N 117 38'27"W			
**GS911108315213.004	LAB ANALYSIS RESULTS AND PHYSICAL PROPERTY CHARACTERISTICS FROM PLAYA SOIL SAMPLES TAKEN FROM VARIOUS PLAYAS IN CALIFORNIA AND NEVADA, 10/17/91 TO 10/26/91. NEVADA LOCATIONS: BIG SMOKEY VALLEY, BONNIE CLAIR, COAL VALLEY, STEWART VALLEY, PAHRUMP VALLEY, PETER'S AND LIDA JUNCTION SOUTH PLAYAS; ALKALI FLAT, FRENCHY LAKE, MUD LAKE, AMARGOSA FLAT, RALSTON VALLEY, SAND SPRING, SARCOBATUS FLAT, SO. RAIL ROAD VALLEY AND STONE CABIN VALLEY. CALIFORNIA LOCATIONS: EAST CRONESE, LUCERNE, SILURIAN, SILVER AND SODA LAKES, COTTONBALL BASIN AND MESQUITE FLAT.	10/17/91-10/26/91 07/08/92-07/28/92	SAMPLES COLLECTED AND PHYSICAL PROPERTIES DESCRIBED USING GP-17,R1, "DESCRIBING AND SAMPLING SOILS IN THE FIELD". ANALYSIS BY USGS GEOLOGIC DIVISION, BRANCH OF GEOCHEMISTRY, (APPROVED VENDOR) LAB PROCEDURES.	A Y T
	ACQN/DEVL LOCATION : 37 32'15"N 115 13'18"W 37 53'45"N 115 19'27"W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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37	41'54"N 115 46'15"W		
36	04'18"N 116 00'57"W		
37	58'52"N 116 01'44"W		
35	13'47"N 116 04'52"W		
35	21'00"N 116 06'14"W		
35	31'23"N 116 09'57"W		
36	13'29"N 116 10'23"W		
36	27'45"N 116 13'03"W		
35	08'02"N 116 16'46"W		
38	11'10"N 116 22'16"W		
36	14'24"N 116 22'31"W		
37	08'28"N 116 52'09"W		
37	30'53"N 116 53'40"W		
34	30'41"N 116 55'57"W		
38	00'37"N 116 56'24"W		
37	53'48"N 117 04'05"W		
37	12'40"N 117 05'35"W		
36	36'37"N 117 07'03"W		
37	10'18"N 117 09'33"W		
37	28'39"N 117 11'09"W		
37	51'36"N 117 23'11"W		
38	03'51"N 117 36'54"W		
USGS GD, BRANCH OF GEOCHEMISTRY, DENVER, CO			

**GS911208315213.005	LAB ANALYSIS RESULTS AND PHYSICAL PROPERTY CHARACTERISTICS OF SURFICIAL SOIL SAMPLES TAKEN FROM WILLCOX DRY PLAYA, AZ, AND SOUTH ALKALI FLAT, NM, 11/12/91 - 11/14/91.	11/12/91-11/14/91 12/01/91-01/01/92	SAMPLES COLLECTED FROM THE SURFACE TO 5CM AND PHYSICAL PROPERTIES DESCRIBED USING GP-17,R1, "DESCRIBING AND SAMPLING SOILS IN THE FIELD". ANALYSIS BY USGS GEOLOGIC DIVISION, BRANCH OF GEOCHEMISTRY, (APPROVED VENDOR) LAB PROCEDURES.	A Y T
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ACQN/DEVL LOCATION : 32 16'24"N 108 54'26"W
32 09'09"N 109 54'03"W
USGS GD, BRANCH OF GEOCHEMISTRY, DENVER, CO

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				D A T A I T Y P E E	Q U A L I T Y I I O N
DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD		
**GS930108315213.006	RECHARGE ESTIMATES USING GEOMORPHIC/DISTRIBUTED-PARAMETER SIMULATION APPROACH, AMARGOSA RIVER BASIN, BY W.R. OSTERKAMP, L.J. LANE, AND C.S. SAVARD. INCLUDES WATER BALANCE ESTIMATES AT SELECTED STREAM CHANNEL SITES. ACQN/DEVL LOCATION : USGS, DENVER, CO	12/01/91-08/30/92	USE OF DISTRIBUTED PARAMETER RUNOFF SIMULATION MODEL AND MODIFICATION OF A FIELD-SCALE MODEL FOR INTERCHANNEL RUNOFF AND RECHARGE.	D N C	
**GS930208315213.008	VEGETATION TRANSECT DATA FOR AMARGOSA VALLEY INCLUDING VEGETATION SPECIES NAMES, COVERAGES, LENGTH, HEIGHT AND WIDTH. COLLECTED BY L. DEMARCO, J. EMERICK AND OTHERS. ACQN/DEVL LOCATION : 36 47'25"N 116 17'31"W 36 25'27"N 116 18'01"W 36 25'25"N 116 18'02"W 36 37'47"N 116 18'06"W 36 38'04"N 116 18'11"W 36 24'36"N 116 18'15"W 36 24'37"N 116 18'21"W 36 36'30"N 116 18'37"W 36 46'37"N 116 19'04"W 36 37'41"N 116 19'27"W 36 14'35"N 116 20'20"W 36 38'11"N 116 20'36"W 36 46'04"N 116 20'38"W 36 14'35"N 116 20'40"W 36 49'07"N 116 21'36"W 36 28'42"N 116 21'41"W 36 28'27"N 116 21'55"W 36 14'25"N 116 22'05"W 36 14'55"N 116 22'25"W 36 28'03"N 116 22'31"W 36 38'15"N 116 22'31"W 36 47'32"N 116 23'03"W 36 24'14"N 116 23'17"W 36 45'19"N 116 23'28"W 36 45'16"N 116 23'38"W 36 45'14"N 116 23'40"W	04/08/90-04/24/90	HP-173,R0, DATA COLLECTION PROTOCOL FOR PLANT COMMUNITY ANALYSIS, USED TO COLLECT RAW VEGETATION DATA MEASUREMENTS.	A Y T	

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	36 49'09"N 116 23'50"W			
	36 17'17"N 116 24'36"W			
	36 25'32"N 116 25'23"W			
	36 47'08"N 116 25'45"W			
	36 35'03"N 116 26'03"W			
	36 25'43"N 116 26'50"W			
	36 39'33"N 116 26'51"W			
	36 25'43"N 116 26'55"W			
	36 18'00"N 116 27'32"W			
	36 33'15"N 116 28'45"W			
	36 39'45"N 116 29'30"W			
	36 36'38"N 116 29'31"W			
	36 29'30"N 116 29'59"W			
	36 29'30"N 116 30'01"W			
	36 33'13"N 116 30'05"W			
	36 33'20"N 116 30'05"W			
	36 27'01"N 116 30'17"W			
	36 21'36"N 116 30'35"W			
	36 26'48"N 116 30'40"W			
	36 21'00"N 116 31'03"W			
	36 47'46"N 116 31'31"W			
	36 47'50"N 116 31'31"W			
	36 20'04"N 116 31'38"W			
	36 47'15"N 116 32'08"W			
	36 39'48"N 116 32'34"W			
	36 47'43"N 116 33'36"W			
	36 47'44"N 116 33'38"W			
	36 47'53"N 116 34'03"W			
	36 48'03"N 116 34'34"W			
**GS930308315213.013	PHYSICAL SOIL PROPERTY DATA AND SOIL CHEMISTRIES OF SAMPLES FROM RED LAKE, AZ, JEAN LAKE AND ROACH LAKE, NV, AND MESQUITE LAKE, CA, 3/21/92 - 3/24/92.	03/21/92-03/24/92 05/07/92-06/23/92	SAMPLES COLLECTED AND DESCRIBED USING GP-17,R1, "DESCRIBING AND SAMPLING SOILS IN THE FIELD". LAB ANALYSIS BY APPROVED VENDOR; STANDARD USGS BRANCH OF GEOCHEMISTRY LAB PROCEDURES AND METHODS.	A Y T
	ACQN/DEVL LOCATION :			
	35 40'00"N 114 07'30"W			
	35 47'18"N 115 15'00"W			
	35 47'00"N 115 15'33"W			
	35 39'42"N 115 21'18"W			
	35 39'42"N 115 22'06"W			
	35 43'12"N 115 34'48"W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	35 42'15"N 115 34'52"W 35 42'42"N 115 34'54"W USGS GD BRANCH OF GEOCHEMISTRY, DENVER, CO			
**GS940908315213.002	U-TH ISOTOPIIC DATA AND U-SERIES DISEQUILIBRIUM DATING OF SPRING DISCHARGE DEPOSITS NEAR THE SOUTHERN END OF CRATER FLAT. DATA INCLUDE SAMPLE PREPARATION DESCRIPTIONS, ALPHA SPECTROMETRIC RESULTS, MASS SPECTROMETRIC RESULTS, A SUMMARY OF ISOTOPIIC DATA INCLUDING THE PERTINENT RATIOS, ERRORS AND ERROR CORRELATIONS OF THE ISOTOPIES OF INTEREST (238U, 236U, 234U, 232TH, 230TH, 229TH), AND RESULTS OF REGRESSION ANALYSIS TO OBTAIN 230TH/U AGES.	11/01/92-09/08/94	YMP-USGS GCP-03,R2, U-SERIES DATING AND GCP-03,R3, URANIUM-THORIUM DISEQUILIBRIUM STUDIES	A Y T
	ACQN/DEVL LOCATION : USGS U-SERIES LABS, DENVER, CO			
**GS941208315213.010	PHYSICAL SOIL PROPERTY DATA FROM PLAYA SAMPLES COLLECTED ON 5/21/91 AT FRANKLIN LAKE PLAYA	05/21/91-05/21/91	SAMPLES COLLECTED AND DESCRIBED USING GP-17,R1, "DESCRIBING AND SAMPLING SOILS IN THE FIELD".	A Y T
	ACQN/DEVL LOCATION : 36 14'00"N 116 22'30"W			
**GS941208315213.011	PHYSICAL AND GEOCHEMICAL SOIL PROPERTY DATA FROM PLAYA SAMPLES COLLECTED AT SOUTH THREE LAKES, DOG BONE LAKE, NORTH DOG BONE LAKE, CENTRAL THREE LAKES, INDIAN SPRINGS, NORTH INDIAN SPRINGS AND DESERT DRY LAKE IN NEVADA, 4/24/93 - 4/25/93, AND SAMPLES COLLECTED AT BROWNS LAKE, ANTELOPE LAKE, GOLD FLAT, STONEWALL FLATS, KAWICH AND TICABOO PLAYAS IN NEVADA 6/2/93 - 6/5/93	04/24/93-04/25/93 06/02/93-06/05/93 08/17/93-09/10/93	SAMPLES COLLECTED AND DESCRIBED USING GP-17,R1, "DESCRIBING AND SAMPLING SOILS IN THE FIELD". ANALYSIS BY APPROVED VENDOR.	A Y T
	ACQN/DEVL LOCATION : 36 58'08"N 115 13'21"W 36 49'47"N 115 26'48"W 36 55'41"N 115 26'57"W 36 45'44"N 115 27'21"W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	36 34'41"N 115 30'52"W 36 48'36"N 115 36'44"W 36 42'23"N 115 39'14"W 37 29'00"N 116 12'00"W 37 30'00"N 116 23'48"W 37 41'00"N 116 40'05"W 37 50'36"N 116 43'34"W 37 32'09"N 117 08'45"W USGS GD BRANCH OF GEOCHEMISTRY, DENVER, CO			
*GS950408315213.002	PHYSICAL PROPERTY DATA FROM WATER SAMPLES COLLECTED AT CACTUS SPRING, NV, KING SPRINGS, NV, ROSE'S WELL, NV, SARATOGA SPRING, CA, AND TRIANGLE SPRING, CA, 11/92 TO 6/93 - SAMPLES COLLECTED ACCORDING TO SN-0006	11/06/92-06/02/93	SN-0006, "COLLECTION OF BENTHIC AQUATIC MICRO-ORGANISMS LARGER THAN 150 MICROMETERS (0.0059 INCHES)."	A Y P
	ACQN/DEVL LOCATION : 37 44' 22"N 116 20' 12"W 36 24' 21"N 116 22' 40"W 35 40' 53"N 116 25' 17"W 37 43' 16"N 116 49' 03"W 36 43' 07"N 117 07' 30"W			
*GS950508315213.003	RADIOCARBON AGE DETERMINATION BY ACCELERATOR MASS SPECTROMETRY ON CARBONATE IN THE FORM OF SNAIL SHELLS AND RHIZOLITHS	11/10/94-03/15/95	RADIOCARBON DATING BY ACCELERATOR MASS SPECTROMETRY PERFORMED BY BETA ANALYTICAL, A USGS APPROVED VENDOR, UNDER PURCHASE ORDER 1434CR-95-SA-0752	A Y P
	ACQN/DEVL LOCATION : BETA ANALYTICAL INC., MIAMI, FL			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS950608315213.004	URANIUM AND THORIUM ISOTOPE DATA DETERMINED BY MASS SPECTROMETRY FOR PALEODISCHARGE DEPOSITS ANALYZED IN FY95: DATA INCLUDE SAMPLE AND SPIKE WEIGHTS, MEASURED URANIUM AND THORIUM AND THORIUM ISOTOPIC RATIOS, AND PERTINENT INFORMATION USED TO CALCULATE URANIUM-SERIES DISEQUILIBRIUM PARAMETERS INCLUDING AGES AND PROPOGATED UNCERTAINTIES.	10/01/94-05/01/95	YMP-USGS GCP-03,R3, URANIUM-THORIUM DISEQUILIBRIUM STUDIES	A Y P
ACQN/DEVL LOCATION : USGS, DENVER, CO				
Activity - 8.3.1.5.2.1.4				
**GS931008315214.032	METEOROLOGICAL, STREAM-DISCHARGE, AND WATER-QUALITY DATA FOR WATER YEAR 1992 FROM TWO BASINS IN CENTRAL NEVADA, BY P.W. MCKINLEY AND THOMAS OLIVER	12/01/92-10/08/93	DATA WERE DEVELOPED INTO DAILY VALUE TABLES USING THE NATIONAL WATER INFORMATION SYSTEM (NWIS) DATABASE. MISSING DATA WERE ESTIMATED BY REGRESSION TO OTHER METEOROLOGICAL DATA USING MINITAB RELEASE 7.2 OR WERE ESTIMATED BY INTERPOLATION.	D Y P
ACQN/DEVL LOCATION : USGS, DENVER, CO				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.5.2.1.5				
**GS911008315215.013	87SR/86SR ANALYSIS OF BAILED WATER SAMPLE FROM DRILL HOLE UE25P#1, YUCCA MOUNTAIN NEVADA.	06/12/90-06/19/90	NWM-USGS-GCP-12, RB-SR ISOTOPE GEOCHEMISTRY	A Y C
	ACQN/DEVL LOCATION : UE25P#1			
**GS911008315215.014	ANALYTICAL RESULTS OF URANIUM AND URANIUM ACTIVITY RATIOS IN WELDED TUFF AND QUATERNARY ALLUVIUM AQUIFERS.	02/13/89-02/13/89	NWM-USGS-GCP-03	A N C
	ACQN/DEVL LOCATION : FRENCHMAN FLAT JACKASS FLAT			
**GS920708315215.024	URANIUM CONCENTRATIONS, ISOTOPIC ACTIVITY RATIOS, AND AGES OF CARBONATE DEPOSITS	07/03/86-07/15/86	METHODS DESCRIBED IN GCP-03,R0 & R1, URANIUM-SERIES DATING, & GCP-04,R0 & R1 URANIUM-TREND DATING.	A N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS920708315215.025	URANIUM CONCENTRATIONS, ISOTOPIC ACTIVITY RATIOS, AND AGES OF CARBONATE DEPOSITS AND YUCCA MOUNTAIN AREA GROUND WATER	06/22/89-04/10/92	METHODS DESCRIBED IN GCP-03,R1, URANIUM-SERIES DATING, & GCP-04,R1 URANIUM-TREND DATING.	A Y C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS930108315215.007	RECONNAISSANCE CARBONATE CARBON AND OXYGEN ISOTOPE DATA FROM TRENCH 14, BUSTED BUTTE, AND DRILL HOLE (USW) G-4 YUCCA MOUNTAIN, NEVADA, TEST SITE, BY J. WHELAN AND J.S. STUCKLESS ACQN/DEVL LOCATION : USGS, DENVER, CO	11/01/89-12/31/89	ANALYSIS OF CARBONATE CARBON AND OXYGEN ISOTOPE VALUES OF CALCITE FROM THE YUCCA MOUNTAIN AREA TO DETERMINE TRENDS AND VARIATIONS ON THE TEMPERATURE OF CALCITE PRECIPITATION.	D N C
**GS931108315215.033	FLUID INCLUSION TEMPERATURES FROM DRILL HOLES USW G-1 AND G-2, OCT. 92 - SEPT. 93. ACQN/DEVL LOCATION : HARVARD UNIV., CAMBRIDGE, MA	10/01/92-09/30/93	NWM-USGS GCP-27,R0, DETERMINATION OF TEMPERATURE AND SALINITY FROM MINERAL-HOSTED FLUID INCLUSIONS.	A Y T
**GS940108315215.002	FLUID INCLUSION STUDIES OF CALCITE VEINS FROM YUCCA MOUNTAIN, NEVADA, TUFFS: ENVIRONMENT OF FORMATION, BY E. ROEDDER, J.F. WHELAN, AND D.T. VANIMAN. ACQN/DEVL LOCATION : HARVARD UNIV., CAMBRIDGE, MA	08/24/93-12/30/93	THE CRUSHING TEST PROVIDES A QUALITATIVE ESTIMATE OF THE GAS PRESSURE WITHIN A VAPOR INCLUSION AT THE TIMES OF CRUSHING. OPTICAL MEASUREMENTS ARE MADE TO ESTABLISH THE APPROXIMATE VOLUME OF THE INCLUSION BEFORE CRUSHING AND THE VOLUME PERCENT OF THE ORIGINAL VOLUME. THE VOLUME DECREASE IS A FUNCTION OF VAPOR PRESSURE OF WATER IN THE VAPOR PHASE AT THE TIME OF TRAPPING (AND HENCE, THE TEMPERATURE OF TRAPPING).	D Y P
**GS941108315215.010	STRONTIUM ISOTOPE RATIOS AND ISOTOPE DILUTION DATA FOR RUBIDIUM AND STRONTIUM COLLECTED 12/6/93 TO 8/17/94 ACQN/DEVL LOCATION : USGS, DENVER, CO	12/06/93-08/17/94	USGS TECHNICAL PROCEDURE GCP-12,R3 AND R4, RB-SR ISOTOPE GEOCHEMISTRY	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS950608315215.002	STRONTIUM ISOTOPE RATIOS AND ISOTOPE DILUTION DATA FOR RUBIDIUM AND STRONTIUM COLLECTED 9/7/94 TO 5/4/95 ACQN/DEVL LOCATION : USGS, DENVER, CO	09/07/94-05/04/95	USGS TECHNICAL PROCEDURE GCP-12,R4: RB-SR ISOTOPE GEOCHEMISTRY	A Y P
*GS950608315215.003	LETTER REPORT ON FY1995 STUDIES OF PALEODISCHARGE, BY JAMES C. PACES ACQN/DEVL LOCATION : USGS, DENVER, CO	04/01/95-06/26/95	THIS REPORT CONTAINS A SUMMARY OF THE FY95 GEOCHRONOLOGICAL STUDIES ON MATERIALS SAMPLED FROM THE AMARGOSA DESERT DEPOSITS INCLUDING SAMPLE LOCATIONS, BRIEF SAMPLE DESCRIPTIONS, AND TABULATION OF THE PERTINENT ANALYTICAL RESULTS, A SUMMARY OF THE CALCULATED AGE ESTIMATES AND AN ASSESSMENT OF THE RELIABILITY OF THOSE ESTIMATES.	D N P
Activity - 8.3.1.6.3.1.1				
**GS900908316311.001	PRELIMINARY ASSESSMENT OF THE RISK OF VOLCANISM AT A PROPOSED NUCLEAR WASTE REPOSITORY IN THE SOUTHERN GREAT BASIN, BY BRUCE M. CROWE AND W.J. CARR ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/78-12/13/80	USGS STANDARD COLLECTION METHODS. REPORT SUMMARIZES THE STATUS OF THE VOLCANIC HAZARD STUDY.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.8.1.2.1				
*LA000000000066.001	EFFECTS OF MAGMATIC PROCESSES ON THE POTENTIAL YUCCA MOUNTAIN REPOSITORY: FIELD AND COMPUTATIONAL STUDIES	08/20/93-09/15/93	STUDIES OF THE EFFECTS OF MAGMATIC ACTIVITY, INCLUDING INITIAL RESULTS OF FIELD ANALOG STUDIES AT SMALL VOLUME BASALTIC CENTERS AND NEW 3-DIMENSIONAL MODELING TECHNIQUES, ARE DISCUSSED AND IMPLICATIONS DEVELOPED.	A Y C
ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY				
Activity - 8.3.1.8.1.2.2				
*LA000000000066.001	EFFECTS OF MAGMATIC PROCESSES ON THE POTENTIAL YUCCA MOUNTAIN REPOSITORY: FIELD AND COMPUTATIONAL STUDIES	08/20/93-09/15/93	STUDIES OF THE EFFECTS OF MAGMATIC ACTIVITY, INCLUDING INITIAL RESULTS OF FIELD ANALOG STUDIES AT SMALL VOLUME BASALTIC CENTERS AND NEW 3-DIMENSIONAL MODELING TECHNIQUES, ARE DISCUSSED AND IMPLICATIONS DEVELOPED.	A Y C
ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY				
Activity - 8.3.1.8.5.1.4				
*LA000000000099.001	GEOCHEMISTRY OF THE LATHROP WELLS VOLCANIC CENTER	07/01/90-08/01/94	XRF ANALYSIS, INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS, SOLID-SOURCE MASS SPECTROMETRY ANALYSIS, AND ELECTRON MICROPROBE ANALYSIS	A N P
ACQN/DEVL LOCATION : LANL				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.8.5.2.3				
**GS930208318523.001	TEMPERATURE AND THERMAL CONDUCTIVITY IN WELLS NEAR YUCCA MOUNTAIN.	09/01/80-06/30/84	TEMPERATURE MEASUREMENTS IN AIR BY 1) SASS, J.H. & OTHERS, 1971, HEAT FLOW IN THE WESTERN U.S.: JOURNAL OF GEOPHYSICAL RESEARCH, V.76, P.6376-6413, AND 2) TECHNICAL PROCEDURE NWM-USGS GPP-02,R0, HEAT-FLOW STUDIES RELATED TO NUCLEAR WASTE STORAGE INVESTIGATIONS. THERMAL CONDUCTIVITY BY 1) SASS, J.H. & OTHERS, 1984, LABORATORY LINE-SOURCE METHODS FOR THE MEASUREMENT OF THERMAL CONDUCTIVITY OF ROCKS NEAR ROOM TEMPERATURE: USGS OFR 84-91, 2) SASS & OTHERS, 1971, OP. CIT., 3) SASS, J.H. & OTHERS, 1980, ANALYSIS OF THERMAL DATA FROM DRILL HOLES UE25A-3 AND UE25A-1, CALICO HILLS & YM, NTS: USGS OFR 80-826 AND 4) NWM-USGS GPP-05,R1 HEAT-FLOW STUDIES CALIBRATION PROCEDURES	A N T
ACQN/DEVL LOCATION :				
UE-25 A#1				
UE-25 A#4				
UE-25 A#5				
UE-25 A#6				
UE-25 A#7				
UE-25 B#1				
UE-25 J#13				
UE-25 P#1				
UE-25 WT#12				
UE-25 WT#13				
UE-25 WT#14				
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UE-25 WT#16				
UE-25 WT#17				
UE-25 WT#18				
UE-25 WT#3				
UE-25 WT#4				
UE-25 WT#5				
UE-25 WT#6				
USGS, DENVER, CO				
USGS, FLAGSTAFF, AZ				
USGS, MENLO PARK, CA				
USW G-1				

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW G-2 USW G-3 USW G-4 USW GU-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW UZ-1 USW WT-1 USW WT-10 USW WT-11 USW WT-2 USW WT-7			
**GS950108314212.001	MAJOR RESULTS OF REGIONAL GEOPHYSICAL INVESTIGATIONS AT YUCCA MOUNTAIN AND VICINITY, NEVADA, H.W. OLIVER, D.A. PONCE, AND W.C. HUNTER, EDITORS	08/01/87-12/30/94	DESCRIPTION OF INVESTIGATIONS FOCUSING ON GRAVITY, MAGNETIC, MAGNETOTELLURIC, SEISMIC REFRACTION, SEISMIC REFLECTION AND TELESEISMIC STUDIES. THE GEOLOGIC AND REGIONAL THERMAL SETTINGS AS WELL AS STRESS MEASUREMENTS ARE INCLUDED.	D N P
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA			
*GS950408318523.001	TEMPERATURE, THERMAL CONDUCTIVITY, AND HEAT FLOW NEAR YUCCA MOUNTAIN, NEVADA: SOME TECTONIC AND HYDROLOGIC IMPLICATIONS, BY J.H. SASS, A.H. LACHENBRUCH, W.W. DUDLEY, JR., S.S. PRIEST, AND R.J. MUNROE.	01/01/87-12/01/87	HEAT FLOW ESTIMATES BY 1) LEAST-SQUARES GRADIENT * HARMONIC MEAN OF MEASURED CONDUCTIVITIES OVER SAME INTERVAL, 2) LEAST-SQUARES GRADIENT * CONDUCTIVITY CALCULATED FROM FORMATION MEANS, AND 3) LEAST-SQUARES GRADIENT * HARMONIC MEAN OF CONDUCTIVITIES INFERRED FROM K VS. V RELATION.	D N T
	ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, FLAGSTAFF, AZ USGS, MENLO PARK, CA			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.9.2.1.1				
**GS941108319211.002	LEAD ISOTOPE RATIOS AND ISOTOPE DILUTION DATA FOR URANIUM, THORIUM, AND LEAD, APRIL TO JULY 1994.	04/16/94-07/15/94	USGS TECHNICAL PROCEDURE GCP-13,R2: U-TH-PB ISOTOPE GEOCHEMISTRY	A Y T
ACQN/DEVL LOCATION : USGS, DENVER, CO				
**GS941108319211.003	OXYGEN ISOTOPE DATA ON TIVA CANYON TUFF FROM ANTLER RIDGE SECTION	12/22/93-02/10/94	DATA WERE COLLECTED BY APPROVED SUPPLIER, KRUGER ENTERPRISES, GEOCHRON LABORATORIES (ASL-34), USING GEOCHRON LABS STANDARD OPERATING PROCEDURES PER PO-162841-94	A Y T
ACQN/DEVL LOCATION : KRUGER ENT. GEOCHRON LABS, CAMBRIDGE, MASSACHUSETTS				
**GS941208319211.004	OXYGEN ISOTOPE DATA ON TUFF BRECCIA SAMPLES FROM TRENCH 14 AND BUSTED BUTTE	07/01/94-07/29/94	DEPT. OF GEOLOGICAL SCIENCES, UNIVERSITY OF SASKATCHEWAN STANDARD OPERATING PROCEDURES PER PO-162934-94	A Y T
ACQN/DEVL LOCATION : UNIV. OF SASKATCHEWAN, SASKATOON, CANADA				
**GS950208319211.001	INAA ELEMENTAL ANALYSES OF TIVA CANYON TUFF (UPPER CLIFF AND CAPROCK ZONES)	07/14/94-08/03/94	THE DATA WERE COLLECTED BY YMP-USGS APPROVED SUPPLIER, ACTIVATION LABORATORIES LIMITED, USING THEIR STANDARD OPERATING PROCEDURES (PER 94-PO-0008)	A Y C
ACQN/DEVL LOCATION : ACTIVATION LABS LTD., ANCASTER, CANADA				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS950208319211.002	OXYGEN ISOTOPE DATA ON TUFF SAMPLES OF TIVA CANYON (UPPER CLIFF AND CAPROCK ZONES)	05/01/94-12/12/94	THE DATA WERE COLLECTED BY YMP-USGS APPROVED SUPPLIER, DEPT. OF GEOLOGICAL SCIENCES, UNIVERSITY OF SASKATCHEWAN, USING THEIR STANDARD OPERATING PROCEDURES PER PO-162934-94	A Y T
ACQN/DEVL LOCATION : UNIV. OF SASKATCHEWAN, SASKATOON, CANADA				
*GS950208319211.003	OXYGEN ISOTOPES AND TRACE ELEMENTS IN TIVA CANYON TUFF IN THE VICINITY OF YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY B.D. MARSHALL, T.K. KYSER, AND Z.E. PETERMAN	08/01/94-02/07/95	THE STUDY OF U200 SAMPLES COLLECTED FROM OUTCROP INVOLVED AN ISOTOPIC APPROACH DEVELOPED IN THE U.S. AND COMMONLY USED IN AUSTRALIA FOR DETECTING ANY EVIDENCE OF POSSIBLE PAST INTERACTION OF VOLCANIC ROCKS WITH HYDROTHERMAL SOLUTIONS. THE STUDY ALSO ENTAILED A MORE CONVENTIONAL MINERAL EXPLORATION APPROACH INVOLVING ANALYSES OF MAJOR AND TRACE ELEMENTS IN THE TUFF INCLUDING PRECIOUS METALS AS WELL AS PATHFINDER ELEMENTS COMMONLY ASSOCIATED WITH PRECIOUS METAL MINERALIZATION IN NEVADA.	D Y P
ACQN/DEVL LOCATION : USGS, DENVER, CO				
**GS950308319211.007	ACTIVATION LABORATORIES INAA ELEMENTAL ANALYSES OF DRILL CORE SAMPLES FROM USW G-2	09/26/94-10/18/94	THESE DATA WERE SUPPLIED BY YMP-USGS APPROVED SUPPLIER, ACTIVATION LABORATORIES LIMITED, USING THEIR STANDARD LABORATORY OPERATING PROCEDURES PER YMP-USGS 94-PO-0008	A N T
ACQN/DEVL LOCATION : ACTIVATION LABS LTD., ANCASTER, CANADA				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.9.2.1.3				
**GS950308319213.001	PREVIOUSLY UNPUBLISHED DOWNHOLE TEMPERATURE DATA FOR WELLS NEAR OR AT YUCCA MOUNTAIN, NEVADA - LOGGED FROM MAY '79 TO DEC. '81. DATA ARE THE LOGGED TEMPERATURES, MINIMUM AND MAXIMUM, OF THE BOREHOLE.	05/10/79-12/30/81	MEASUREMENT OF SUBSURFACE TEMPERATURE AS DESCRIBED IN SASS, ET AL., 1971, HEATFLOW IN THE WESTERN UNITED STATES: JOURNAL OF GEOPHYSICAL RESEARCH, V.76, P.6376-6413, AND SASS, ET AL., 1981, HEAT FLOW FROM THE CRUST OF THE UNITED STATES, IN TOULOUKIAN, ET AL., EDITORS, PHYSICAL PROPERTIES OF ROCKS AND MINERALS: MCGRAW-HILL, NY, P.503-548	A N T
	ACQN/DEVL LOCATION : UE-25 A#1 USW G-1 USW H-1			
**GS950308319213.002	PREVIOUSLY UNPUBLISHED DOWNHOLE TEMPERATURE DATA FOR WELLS NEAR OR AT YUCCA MOUNTAIN, NEVADA - LOGGED FROM JAN.'82 TO SEPT.'85. DATA ARE THE LOGGED TEMPERATURES, MINIMUM AND MAXIMUM, OF THE BOREHOLE.	01/13/82-09/11/85	NWM-USGS GPP-02,R0, (EFFECTIVE 1/11/82) HEAT FLOW STUDIES RELATED TO NUCLEAR WASTE STORAGE INVESTIGATIONS, AND NWM-USGS GPP-05,R0, (EFFECTIVE 7/9/84) HEAT FLOW STUDIES CALIBRATION PROCEDURE.	A N T
	ACQN/DEVL LOCATION : UE-25 B#1 UE-25 P#1 USW G-2 USW G-3 USW G-4 USW H-1 USW H-3 USW H-5 USW H-6			

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Activity - 8.3.1.14.2.2

**SNF29041993002.029	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOIL TEST DATA FOR PRE-RANIER MESA AND RANIER MESA TUFFS. (THIS DATA IS IN APPENDIX C, OF SLTR94-0001, "SOILS LABORATORY AND IN SITU TEST DATA", ISSUED 10/04/94).	09/15/93-04/20/94	THE FOLLOWING STANDARD TESTING METHODS WERE USED TO PERFORM SOIL CHARACTERIZATION AND STRENGTH TESTS: ASTM C-2216-90, ASTM D-2216-93, AND ASTM C-566-89 (MOISTURE CONTENT); ASTM C-136-84A, ASTM D-422-63, AND ASTM D-422-90 (SIEVE ANALYSIS); ASTM D-1140-54, ASTM D-1140-90, AND ASTM D-1140-92 (PASSING #200); ASTM D-2434-68 (REAPPROVED 1974) (SOIL PERMEABILITY TO MERCURY TAP WATER); ASTM D-1196-87 (BEARING CAPACITY OF SOIL FOR STATIC LOAD) ; ASTM D-2922-91 AND ASTM D-3017-88 (NUCLEAR DENSITY); AND ASTM D-1188-89 (BULK DENSITY OF ROCK); ASTM D-1556-90 (SAND CONE DENSITY); ASTM 1452-90, ASTM 1586-84, AND ASTM 2488-90 (LOG OF BORING-PENETRATION TEST); ASTM D-854-91 AND ASTM C-127/C-128-88 (SPECIFIC GRAVITY)	A Y C
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ACQN/DEVL LOCATION : NTS/AREA 25/NRT-1 TRENCH; MATERIAL TEST LABORATORY
- MERCURY, NV

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.14.2.3				
**SNF29041993002.026	SLTR94-0001: "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT GEOENGINEERING CHARACTERIZATION OF NONLITHIFIED TUFFS TO BE ENCOUNTERED BY THE NORTH RAMP WEST OF THE BOW RIDGE FAULT" (FINAL REPORT).	12/15/93-06/15/94	THIS REPORT PRESENTS THE RESULTS OF GEOLOGICAL AND GEOTECHNICAL CHARACTERIZATION OF NONLITHIFIED TUFF MATERIALS THAT WILL BE ENCOUNTERED BY THE TUNNEL BORING MACHINE.	D Y P
ACQN/DEVL LOCATION : SNL, JFTA, UNR, GEOMATRIX, & RSN MTL				
**SNF29041993002.029	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOIL TEST DATA FOR PRE-RANIER MESA AND RANIER MESA TUFFS. (THIS DATA IS IN APPENDIX C, OF SLTR94-0001, "SOILS LABORATORY AND IN SITU TEST DATA", ISSUED 10/04/94).	09/15/93-04/20/94	THE FOLLOWING STANDARD TESTING METHODS WERE USED TO PERFORM SOIL CHARACTERIZATION AND STRENGTH TESTS: ASTM C-2216-90, ASTM D-2216-93, AND ASTM C-566-89 (MOISTURE CONTENT); ASTM C-136-84A, ASTM D-422-63, AND ASTM D-422-90 (SIEVE ANALYSIS); ASTM D-1140-54, ASTM D-1140-90, AND ASTM D-1140-92 (PASSING #200); ASTM D-2434-68 (REAPPROVED 1974) (SOIL PERMEABILITY TO MERCURY TAP WATER); ASTM D-1196-87 (BEARING CAPACITY OF SOIL FOR STATIC LOAD); ASTM D-2922-91 AND ASTM D-3017-88 (NUCLEAR DENSITY); AND ASTM D-1188-89 (BULK DENSITY OF ROCK); ASTM D-1556-90 (SAND CONE DENSITY); ASTM 1452-90, ASTM 1586-84, AND ASTM 2488-90 (LOG OF BORING-PENETRATION TEST); ASTM D-854-91 AND ASTM C-127/C-128-88 (SPECIFIC GRAVITY)	A Y C
ACQN/DEVL LOCATION : NTS/AREA 25/NRT-1 TRENCH; MATERIAL TEST LABORATORY - MERCURY, NV				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**SNF29041993002.031	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ROCK MASS MECHANICAL PROPERTIES ESTIMATES FOR BOREHOLES UE25 NRG-1, NRG-2, NRG-2A, NRG-3, NRG-4, NRG-5; USW NRG-6, AND NRG-7/7A (REVISION 2). THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN: SNF29041993002.012. PTN THERMOMECHANICAL UNITS HAVE BEEN SUPERSEDED BY DTN ID: SNF29041993002.049. THIS DATA HAS BEEN SUPERSEDED BY TWO SEPARATE TDIFS ON 6/5/95, DTN: SNF29041993002.062 (QUALIFIED DATA, THERMOMECHANICAL UNITS: UO TUFF, TCW, TSW1, TSW2) AND SNF29041993002.064 (UNQUALIFIED DATA, THERMOMECHANICAL UNITS: TSW1 AND TSW2)	11/01/93-11/23/94	BASED ON ROCK MASS QUALITY INDICES FOR NRG HOLES, MECHANICAL LABORATORY TEST RESULTS, AND SCHMIDT HAMMER DATA.	D Y T
	ACQN/DEVL LOCATION : J.F.T. AGAPITO			
**SNF29041993002.045	SEISMIC RESEARCH FOR EXILE HILL, NYE COUNTY, NEVADA.	12/02/93-12/09/93	A COMMON DEPTH POINT SEISMIC SURVEY WAS CONDUCTED USING A SLEDGE HAMMER SOURCE. THE PROCEDURE FOR THIS IS OUTLINED IN THE SCIENTIFIC NOTEBOOK.	A N C
	ACQN/DEVL LOCATION : WEST SIDE OF EXILE HILL, NYE COUNTY, NV			
**SNF29041993002.046	ESF NORTH RAMP YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CROSS SECTION THROUGH EXILE HILL, ALTERNATIVE INTERPRETATION OF EXILE HILL GEOLOGY, DRAWING NO: SLTREXS2, VERSION: 0, 12/10/93.	12/02/93-12/10/93	MODIFICATION OF EXISTING GEOLOGIC INTERPRETATION BASED ON SEISMIC REFLECTION DATA OF GREGORY J. ELBRING (1994).	D N C
	ACQN/DEVL LOCATION : J.F.T. AGAPITO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**SNF29041993002.047	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ESTIMATED ROCK MASS QUALITY INDICES BASED ON REVISION 2 FOR CORE LOG DATA HOLES UE25 NRG-1, -2A, -3, AND -5; AND REVISION 3 FOR UE25 NRG-2, -2B, -4; AND USW NRG-6 AND 7/7A. (THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN'S: SNF29041993002.011, SNF29041993002.017, AND SNF29041993002.019)	11/01/93-02/13/95	THE Q AND RMR WERE ESTIMATED USING ROCK STRUCTURAL DATA SUMMARIES DEVELOPED FROM STRUCTURAL LOGGING OF CORE, OBSERVATIONS OF ROCK CONDITIONS IN THE NORTH RAMP STARTER TUNNEL AND LABORATORY TEST DATA ON CORE.	D Y C
ACQN/DEVL LOCATION : J.F.T. AGAPITO				
**SNF29041993002.048	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CORE HOLE ROCK STRUCTURAL DATA SUMMARIES FOR BOREHOLES UE25 NRG-1, -2, -2A, -2B, -3, -4, -5; AND USW NRG-6 & 7/7A, REVISION 1. (THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN: SNF29041993002.009, SNF29041993002.016, AND SNF29041993002.018, WITH THE EXCEPTION OF THE DATA FOR BOREHOLE RF #8, WHICH WAS USED FOR CORROBORATING PURPOSES ONLY).	11/01/93-02/04/95	GEOTECHNICAL CORE LOGGING OF UE25 NRG-1, -2, -2A, -2B, -3, -4, -5; USW NRG-6 & 7/7A. PREPARED IN ACCORDANCE WITH SCIENTIFIC NOTEBOOK FOR GEOTECHNICAL LOGGING OF CORE BY EXAMINATION OF CORE AND VIDEO RECORDS FROM NRG HOLES, AND INSTRUCTIONS FOR ESTABLISHING QA RECORDS BASED UPON T&MSS ROCK STRUCTURE LOGS.	D Y C
ACQN/DEVL LOCATION : J.F.T. AGAPITO				
**SNF29041993002.049	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ROCK MASS MECHANICAL PROPERTIES ESTIMATES FOR BOREHOLES UE25 NRG-1, -2, -2A, -3, -4, -5; USW NRG-6 & 7/7A, REVISION 3. (THIS DATA SUPERSEDES THE VALUES FOR THE PTN THERMOMECHANICAL UNITS ONLY IN THE DATA PREVIOUSLY IDENTIFIED BY DTN: SNF29041993002.031. ALL OTHER THERMOMECHANICAL UNIT VALUES IN THE PREVIOUS DATA REMAIN THE SAME.) THIS DATA HAS BEEN SUPERSEDED BY DTN: SNF29041993002.063 ON 6/5/95.	11/01/93-02/10/95	BASED ON ROCK MASS QUALITY INDICES FOR NRG HOLES, AND ROCK MECHANICS LABORATORY TEST RESULTS.	D Y C

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	ACQN/DEVL LOCATION : J.F.T. AGAPITO			
**SNF29041993002.050	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT RANK-ORDERED ROCK MASS QUALITY INDICES FOR PTN UNITS, REVISION 1. (THIS DATA SUPERSEDES THE VALUES FOR THE PTN THERMOMECHANICAL UNITS ONLY IN THE DATA PREVIOUSLY IDENTIFIED BY DTN: SNF29041993002.032. ALL OTHER THERMOMECHANICAL UNIT VALUES REMAIN THE SAME).	03/15/94-02/10/95	THE Q AND RMR WERE CALCULATED USING ROCK STRUCTURAL DATA SUMMARIES DEVELOPED FROM STRUCTURAL LOGGING OF CORE FROM UE25 NRG-1, -2, -2A, -2B, -3, -4, -5; AND USW NRG-6 AND 7/7A DRILLHOLES; OBSERVATION OF ROCK CONDITIONS IN THE NORTH RAMP STARTER TUNNEL; AND LABORATORY TEST DATA ON CORE.	D Y C
	ACQN/DEVL LOCATION : J.F.T. AGAPITO			
**SNF29041993002.051	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT GEOLOGY AND ROCK STRUCTURE LOG FOR HOLE USW SD-9, 700-850 FT, REV.0	11/01/94-02/22/95	GEOTECHNICAL CORE LOGGING OF USW SD-9. PREPARED IN ACCORDANCE WITH SCIENTIFIC NOTEBOOK FOR GEOTECHNICAL LOGGING OF CORE BY EXAMINATION OF CORE AND VIDEO RECORDS FROM SD-9 HOLE. INSTRUCTIONS FOR ESTABLISHING QA RECORDS BASED UPON M&O ROCK STRUCTURE LOGS.	A Y C
	ACQN/DEVL LOCATION : J.F.T.AGAPITO AND YMP SAMPLE MANAGEMENT FACILITY			
**SNF29041993002.052	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CORE HOLE ROCK STRUCTURAL DATA SUMMARY FOR HOLE USW SD-9, REV. 0	01/01/95-02/22/95	GEOTECHNICAL CORE LOGGING OF USW SD-9. PREPARED IN ACCORDANCE WITH SCIENTIFIC NOTEBOOK FOR GEOTECHNICAL LOGGING OF CORE BY EXAMINATION OF CORE AND VIDEO RECORDS FROM SD-9 HOLE. INSTRUCTIONS FOR ESTABLISHING QA RECORDS BASED UPON M&O ROCK STRUCTURE LOGS.	D Y C
	ACQN/DEVL LOCATION : J.F.T AGAPITO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**SNF29041993002.053	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ESTIMATED ROCK MASS QUALITY INDICES BASED ON CORE LOG DATA FOR HOLE USW SD-9, MIDDLE NONLITHOPHYSAL ZONE, REV.0	01/01/95-02/22/95	Q AND RMR ESTIMATED USING ROCK STRUCTURAL DATA SUMMARIES DEVELOPED FROM STRUCTURAL LOGGING OF THE CORE USW SD-9 DRILL HOLE. OBSERVATIONS OF ROCK CONDITIONS IN THE NORTH RAMP STARTER TUNNEL AND LABORATORY TESTING DATA ON CORE.	D Q A U L T A O A L C I A T F T Y I I P E O E D N
ACQN/DEVL LOCATION : J.F.T. AGAPITO				
**SNF29041993002.054	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT GEOLOGY AND ROCK STRUCTURE LOG FOR DRILLHOLE USW SD-12, 650-800 FT, REV.0.	11/01/94-02/22/95	GEOTECHNICAL CORE LOGGING OF USW SD-12. PREPARED IN ACCORDANCE WITH SCIENTIFIC NOTEBOOK FOR GEOTECHNICAL LOGGING OF CORE BY EXAMINATION OF CORE AND VIDEO RECORDS FROM SD-12 HOLE. INSTRUCTIONS FOR ESTABLISHING QA RECORDS BASED UPON M&O ROCK STRUCTURE LOGS.	A Y C
ACQN/DEVL LOCATION : J.F.T. AGAPITO AND YMP SAMPLE MANAGEMENT FACILITY				
**SNF29041993002.055	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CORE HOLE ROCK STRUCTURAL DATA SUMMARY FOR HOLE USW SD-12, REV. 0.	01/01/95-02/22/95	GEOTECHNICAL CORE LOGGING OF USW SD-12. PREPARED IN ACCORDANCE WITH SCIENTIFIC NOTEBOOKS FOR GEOTECHNICAL LOGGING OF CORE BY EXAMINATION OF CORE AND VIDEO RECORDS FROM SD-12 HOLE. INSTRUCTIONS FOR ESTABLISHING QA RECORDS BASED UPON M&O ROCK STRUCTURE LOGS.	D Y C
ACQN/DEVL LOCATION : J.F.T AGAPITO				

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**SNF29041993002.056	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ESTIMATED ROCK MASS QUALITY INDICES BASED ON CORE LOG DATA FOR HOLE USW SD-12, MIDDLE NONLITHOPHYSAL ZONE, REV 0.	01/01/95-02/22/95	Q AND RMR ESTIMATED USING ROCK STRUCTURAL DATA SUMMARY DEVELOPED FROM STRUCTURAL LOGGING OF CORE USW SD-12 DRILLHOLE. OBSERVATIONS OF ROCK CONDITIONS IN THE NORTH RAMP STARTER TUNNEL AND LABORATORY TEST DATA ON CORE.	D Y T
ACQN/DEVL LOCATION : J.F.T. AGAPITO				
**SNF29041993002.057	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ROCK MASS MECHANICAL PROPERTIES ESTIMATES FOR TOPOPAH SPRING, MIDDLE NONLITHOPHYSAL ZONE (BASED ON ESTIMATES FOR USW NRG-6 & 7/7A, SD-9 & SD-12), REV 0.	02/01/95-02/28/95	BASED ON ROCK MASS QUALITY INDICES FOR NRG-6, NRG-7/7A, SD-9 & SD-12, AND ROCK MECHANICS LABORATORY TEST RESULTS.	D Y C
ACQN/DEVL LOCATION : J.F.T. AGAPITO				
**SNF29041993002.058	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT RANK-ORDERED ROCK MASS QUALITY INDICES Q AND RQD FOR BOREHOLES NRG-6, NRG-7/7A, SD-9 AND SD-12, REV. 0.	02/01/95-02/28/95	THE Q AND RQD WERE CALCULATED USING ROCK STRUCTURAL DATA SUMMARIES DEVELOPED FROM STRUCTURAL LOGGING OF CORE FROM USW NRG-6, NRG-7/7A, SD-9 AND SD-12 DRILLHOLES; OBSERVATION OF ROCK CONDITIONS IN THE NORTH RAMP STARTER TUNNEL; AND LABORATORY TEST DATA ON CORE.	D Y C
ACQN/DEVL LOCATION : J.F.T. AGAPITO				
*SNF29041993002.059	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT COMPARISON OF DOWNHOLE VIDEO DATA WITH CORE DATA FOR HOLE UE25 NRG-4, -5, USW NRG-6, -7/7A, REV 0.	08/01/94-11/01/94	VISUAL ESTIMATES OF BOREHOLE WALL PARAMETERS (LITHOPHYSAE CONTENT, SIZE, SHAPE AND BOREHOLE SHAPE) FROM DOWNHOLE VIDEO LOGS ARE COMPARED WITH ROCK STRUCTURAL DATA (RQD, COST CORE, RUBBLE AND % LITHOPHYSAE)	D Y T
ACQN/DEVL LOCATION : J.F.T. AGAPITO				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
*SNF29041993002.060	GEOTECHNICAL ENGINEERING INVESTIGATION FOR THE PROPOSED MUCK CONVEYOR FOUNDATIONS AT THE ESF.	02/09/95-03/29/95	ASTM D-1194 (87) "STANDARD TEST METHOD FOR A Y P BEARING CAPACITY OF SOIL FOR STATIC LOAD AND SPREAD FOOTINGS", ASTM D-1586 (92) "PENETRATION TESTS AND SPLIT BARREL SAMPLING OF SOILS".
ACQN/DEVL LOCATION : RAYTHEON SERVICES NEVADA & SNL			
*SNF29041993002.061	PRELIMINARY SOIL SUCTION TEST DATA INCLUDED IN SLTR94-0001: "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT GEOENGINEERING CHARACTERIZATION OF NONLITHIFIED TUFFS TO BE ENCOUNTERED BY THE NORTH RAMP WEST OF THE BOW RIDGE FAULT" (PAGES 5-19 THROUGH 5-21, AND IN APPENDIX A, SECTION A.1.3).	05/01/94-06/15/94	THE SOIL SUCTION DATA WAS DEVELOPED IN ACCORDANCE WITH ASTM D5298-92: "STANDARD TEST METHOD FOR MEASUREMENT OF SOIL POTENTIAL (SUCTION) USING FILTER PAPER".
ACQN/DEVL LOCATION : UNIVERSITY OF NEVADA, RENO			
*SNF29041993002.062	ROCK MASS MECHANICAL PROPERTIES ESTIMATES FOR BOREHOLES UE25 NRG -1, -2, -2A, -3, -4, -5; USW NRG-6, -7/7A. (THIS DATA SUPERSEDES THE VALUES PREVIOUSLY IDENTIFIED BY DTN: SNF29041993002.031)	11/01/93-05/31/95	BASED ON ROCK MASS QUALITY INDICES FOR NRG D Y P HOLES AND ROCK MECHANICS LABORATORY TEST RESULTS
ACQN/DEVL LOCATION : J.F.T. AGAPITO			
*SNF29041993002.063	ROCK MASS MECHANICAL PROPERTIES ESTIMATES FOR UE25 NRG-4 AND USW NRG -6, -7/7A. THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN: SNF29041993002.049.	11/01/93-05/31/95	BASED ON ROCK MASS QUALITY INDICES FOR NRG D Y P HOLES AND ROCK MECHANICS LABORATORY TEST RESULTS
ACQN/DEVL LOCATION : J.F.T. AGAPITO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*SNF29041993002.064	ROCK MASS MECHANICAL PROPERTIES ESTIMATES FOR BOREHOLES UE25 NRG -1, -2, -2A, -3, -4, -5; USW NRG -6, -7/7A. THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN: SNF29041993002.031.	11/01/93-05/31/95	BASED ON ROCK MASS QUALITY INDICES FOR NRG D N P HOLES AND ROCK MECHANICS LABORATORY TEST RESULTS.	
ACQN/DEVL LOCATION : J.F.T. AGAPITO				
Activity - 8.3.1.15.1.1.1				
**SNL04050593001.001	WHOLE ROCK CHEMICAL ANALYSES - "LABORATORY PETROLOGIC DETERMINATION OF SAMPLES FROM NRG-6"	10/01/93-10/31/94	WHOLE ROCK CHEMICAL ANALYSES	A Y C
ACQN/DEVL LOCATION : SANDIA NATIONAL LABORATORIES, ALBUQUERQUE, NM U.N.M., ALBUQUERQUE, NM				
Activity - 8.3.1.15.1.2.1				
*SNL01B05059301.004	THERMAL EXPANSION CURVES FOR USW NRG-6 SAMPLES.	04/06/95-05/08/95	SINGLE-ROD DILATOMETER.	A Y P
ACQN/DEVL LOCATION : HOLOMETRIX, BEDFORD, MA				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.15.1.3.1				
**SNL02030193001.021	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, TRIAXIAL STRENGTH, DRY BULK DENSITY & POROSITY) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 345.0 FT. TO 1408.6 FT.	08/23/94-01/25/95	ASTM STM D2845-90: "LABORATORY DETERMINATION OF PULSE VELOCITIES AND ULTRASONIC ELASTIC CONSTANTS OF ROCK," ISRM "SUGGESTED METHODS FOR DETERMINING THE STRENGTH OF ROCK MATERIALS IN TRIAXIAL COMPRESSION: REVISED VERSION 1983, "AND ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y C
ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT				
**SNL02030193001.022	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, TRIAXIAL STRENGTH, DRY BULK DENSITY & POROSITY) FOR DRILL HOLE USW NRG-6 SAMPLES FROM DEPTH 5.7 FT. TO 1092.3 FT.	08/23/94-02/23/95	ASTM STM D2845-90: "LABORATORY DETERMINATION OF PULSE VELOCITIES AND ULTRASONIC ELASTIC CONSTANTS OF ROCK," ISRM "SUGGESTED METHODS FOR DETERMINING THE STRENGTH OF ROCK IN TRIAXIAL COMPRESSION: REVISED VERSION 1983," AND ASTM STM "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y C
ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.15.1.3.2				
**SNL02030193001.021	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, TRIAXIAL STRENGTH, DRY BULK DENSITY & POROSITY) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 345.0 FT. TO 1408.6 FT.	08/23/94-01/25/95	ASTM STM D2845-90: "LABORATORY DETERMINATION OF PULSE VELOCITIES AND ULTRASONIC ELASTIC CONSTANTS OF ROCK," ISRM "SUGGESTED METHODS FOR DETERMINING THE STRENGTH OF ROCK MATERIALS IN TRIAXIAL COMPRESSION: REVISED VERSION 1983," AND ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y C
ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT				
**SNL02030193001.022	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, TRIAXIAL STRENGTH, DRY BULK DENSITY & POROSITY) FOR DRILL HOLE USW NRG-6 SAMPLES FROM DEPTH 5.7 FT. TO 1092.3 FT.	08/23/94-02/23/95	ASTM STM D2845-90: "LABORATORY DETERMINATION OF PULSE VELOCITIES AND ULTRASONIC ELASTIC CONSTANTS OF ROCK," ISRM "SUGGESTED METHODS FOR DETERMINING THE STRENGTH OF ROCK IN TRIAXIAL COMPRESSION: REVISED VERSION 1983," AND ASTM STM "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y C
ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.15.1.4.2				
**SNL02112293001.002	RESULTS FROM SHEAR STRESS EXPERIMENTS ON NATURAL FRACTURES FROM NRG-7.	08/01/94-03/03/95	SCIENTIFIC NOTEBOOK FOR NRG FRACTURE TESTS.	A Y C
	ACQN/DEVL LOCATION : SANDIA NATIONAL LABORATORIES, ALBUQUERQUE, NM			
**SNL02112293001.003	RESULTS FROM SHEAR STRESS EXPERIMENTS ON NATURAL FRACTURES FROM NRG-4 & NRG-6.	08/11/94-02/01/95	SCIENTIFIC NOTEBOOK FOR NRG FRACTURE TESTS.	A Y C
	ACQN/DEVL LOCATION : SANDIA NATIONAL LABORATORIES, ALBUQUERQUE, NM			
Activity - 8.3.1.15.1.8				
*SNF32120393001.001	ROCK MASS QUALITY DATA FOR THE NRT STATIONS 60 TO 475 METERS.	01/25/95-03/20/95	VISUAL INSPECTION OF TUNNEL WALLS. COLLECTION AND REDUCTION OF DATA BY TECHNICAL INSTRUCTION TI019.A02.	A Y P
	ACQN/DEVL LOCATION : NORTH RAMP TUNNEL STATIONS 60-475 METERS			
*SNF32120393001.002	ROCK MASS QUALITY DATA FOR THE NRT STATIONS 475 TO 530 METERS	03/20/95-03/29/95	VISUAL INSPECTION OF TUNNEL WALLS COLLECTION AND REDUCTION OF DATA BY TECHNICAL INSTRUCTION TI 019.A02.	A Y P
	ACQN/DEVL LOCATION : NORTH RAMP TUNNEL STATIONS 475 TO 530 METERS			
*SNF32120393001.003	ROCK MASS QUALITY DATA FOR THE NRT STATIONS 530 TO 600 METERS	03/29/95-04/29/95	VISUAL INSPECTION OF TUNNEL WALLS COLLECTION AND REDUCTION OF DATA BY TECHNICAL INSTRUCTION TI 019.A02	A Y P
	ACQN/DEVL LOCATION : NORTH RAMP TUNNEL STATIONS 530 TO 600 M			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*SNF32120393001.004	ROCK MASS QUALITY DATA FOR THE NRT STATIONS 600 TO 655 METERS	05/01/95-05/05/95	VISUAL INSPECTION OF TUNNEL WALLS. COLLECTION AND REDUCTION OF DATA BY TECHNICAL INSTRUCTION TI019.A02.	A Y P
ACQN/DEVL LOCATION : NORTH RAMP TUNNEL STATIONS 600 TO 655 METERS				
*SNF32120393001.005	ROCK MASS QUALITY DATA FOR THE NRT STATIONS 655 TO 705 METERS	05/08/95-05/12/95	VISUAL INSPECTION OF TUNNEL WALLS. COLLECTION AND REDUCTION OF DATA BY TECHNICAL INSTRUCTION TI019.A02.	A Y P
ACQN/DEVL LOCATION : NRT STATIONS 655 TO 705 METERS				
*SNF32120393001.006	ROCK MASS QUALITY DATA FOR THE NRT STATIONS 702 TO 767 METERS	05/08/95-05/12/95	VISUAL INSPECTION OF TUNNEL WALLS. COLLECTION AND REDUCTION OF DATA BY TI019.A02.	A Y P
ACQN/DEVL LOCATION : NRT STATIONS 702 TO 767 METERS				
Activity - 8.3.1.15.1.8.4				
*SNF34011895001.001	DIESEL EXHAUST CONSTITUENT DATA IN THE ESF NORTH RAMP.	04/29/95-04/29/95	ENERAC DATA; PLOTS: ENERGY EFFICIENT SYSTEMS MODEL 3000 ENGINE ANALYZER; DATA; PLOTS-SNL-CAMPBELL CR-10 DATA LOGGER, TECO MODEL 42 NO & NO2 ANALYZER, TECO MODEL 48 CO ANALYZER, TECO MODEL 43A SO2 ANALYZER, NOVA CO2 ANALYZER, AIR FLOW RATE MEASUREMENTS: TEMP-VAISALA HM1-31, R.H. - VAISALA MODEL HM1-31, BAROMETRIC PRESSURE AIR MODEL AIR-HB-1A.	A Y P
ACQN/DEVL LOCATION : YUCCA MOUNTAIN ESF NORTH RAMP PORTAL				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	D A U L T A O A L C I A T F T Y I I P E O E D N
Activity - 8.3.1.15.2.2.1				
**GS950108314212.001	MAJOR RESULTS OF REGIONAL GEOPHYSICAL INVESTIGATIONS AT YUCCA MOUNTAIN AND VICINITY, NEVADA, H.W. OLIVER, D.A. PONCE, AND W.C. HUNTER, EDITORS	08/01/87-12/30/94	DESCRIPTION OF INVESTIGATIONS FOCUSING ON GRAVITY, MAGNETIC, MAGNETOTELLURIC, SEISMIC REFRACTION, SEISMIC REFLECTION AND TELESEISMIC STUDIES. THE GEOLOGIC AND REGIONAL THERMAL SETTINGS AS WELL AS STRESS MEASUREMENTS ARE INCLUDED.	D N P
ACQN/DEVL LOCATION : USGS, MENLO PARK, CA				
*GS950483115221.001	TEMPERATURE LOG DATA OBTAINED IN WELL USW G-2, FEBRUARY, 1995.	02/01/95-02/01/95	GPP-20,R3-M1, "MEASUREMENT OF SUBSURFACE TEMPERATURE."	A Y P
ACQN/DEVL LOCATION : USW G-2				
Activity - 8.3.1.16.1.1.1				
**GS920183116111.001	UNNAMED TRIBUTARY FROM PINE NUT MTS. TO CARSON RIVER AT FREMONT DRIVE. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORD INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE.	08/07/91-08/07/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114,R0, SECTION 4.2.2.	A Y C
ACQN/DEVL LOCATION : 39 01'32"N 119 42'31"W				
**GS920183116111.004	JUMBO CREEK AT NEW WASHOE CITY, NV. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORD INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE.	08/05/91-08/05/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114,R0, SECTION 4.2.2.	A Y C
ACQN/DEVL LOCATION : 39 16'58"N 119 44'50"W				

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS920183116111.005	UNNAMED WASH JUST SOUTH OF HOT SPRINGS MOUNTAIN, CARSON VALLEY, NV, PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORD INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP. ACQN/DEVL LOCATION : 39 02'46"N 119 42'51"W	08/07/91-08/07/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114,R0, SECTION 4.2.2.	A Y C
**GS920183116111.006	UNNAMED TRIBUTARY TO WASHOE LAKE FROM VIRGINIA RANGE NEAR NEW WASHOE CITY, NV. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORD INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE. ACQN/DEVL LOCATION : 39 17'35"N 119 46'06"W	08/05/91-08/05/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114,R0, SECTION 4.2.2.	A Y C
Activity - 8.3.1.17.3.1.1				
*GS950583117311.001	QUATERNARY FAULTS AS RELEVANT EARTHQUAKE SOURCES IN THE YUCCA MOUNTAIN REGION, BY SILVIO PEZZOPANE. ACQN/DEVL LOCATION : USGS, DENVER, CO	07/01/94-05/01/95	IDENTIFICATION AND CHARACTERIZATION OF QUATERNARY FAULTS AS RELEVANT EARTHQUAKES SOURCES WERE SUMMARIZED. MAXIMUM MOMENT MAGNITUDE AND AVERAGE MEDIAN 84TH FRACTILE PEAK ACCELERATION WERE DETERMINED FROM SOURCE PARAMETERS.	D N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.1.2				
**GS910183117412.009	EARTHQUAKE DATA - DECEMBER 7-11, 15-19 AND 25-29, 1990, AND DECEMBER 31, 1990 - JANUARY 22, 1991. DEVELOCORDER FILM.	12/07/90-12/11/90 12/15/90-12/19/90 12/25/90-12/29/90 12/31/90-01/22/91	SP-11, R2, OPERATION AND CALIBRATION OF REMOTE TELEMETERED SEISMIC ARRAY	A Y C
ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN SEISMIC NETWORK				
**GS910283117412.006	EARTHQUAKE DEVELOCORDER FILMS. DECEMBER 11-DECEMBER 15, 1990, DECEMBER 19-DECEMBER 25, 1990, DECEMBER 29-DECEMBER 31, 1990, JANUARY 22-JANUARY 28, 1991, FEBRUARY 1-FEBRUARY 3, 1991, AND FEBRUARY 5 - FEBRUARY 13, 1991.	12/11/90-12/15/90 12/19/90-12/25/90 12/29/90-12/31/90 01/22/91-01/28/91 02/01/91-02/03/91 02/05/91-02/13/91	SP-11,R2, OPERATION AND CALIBRATION OF REMOTE TELEMETERED SEISMIC ARRAY	A Y C
ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN SEISMIC NETWORK				
**GS910383117412.011	EARTHQUAKE DEVELOCORDER FILMS. DATES: JANUARY 28 - FEBRUARY 1, FEBRUARY 3 - 5, FEBRUARY 13 - MARCH 7, AND MARCH 25 - 29, 1991	01/28/91-02/01/91 02/03/91-02/05/91 02/13/91-03/07/91 03/25/91-03/29/91	SP-11,R2, OPERATION AND CALIBRATION OF REMOTE TELEMETERED SEISMIC ARRAY	A Y C
ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN SEISMIC NETWORK				
**GS910383117412.012	DEVELOCORDER FILMS, 27 BOXES, MARCH 7 TO MARCH 25, 1991 - EARTHQUAKE DEVELOCORDER FILM.	03/07/91-03/25/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y C
ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS910483117412.014	42 EARTHQUAKE DEVELOCORDER FILMS. DATES: 03/29/91 - 04/26/91	03/29/91-04/26/91	SP-11,R2, OPERATION AND CALIBRATION OF REMOTE TELEMETERED SEISMIC ARRAY	A Y C
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN SEISMIC NETWORK			
**GS910583117412.016	20 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L033-L041, L043, L044, L045, L091, L095, L460, L461, L480, L490, L491, L492. DATES: 1/10/83 TO 12/28/84.	01/10/83-12/28/84	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N C
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
**GS910583117412.017	31 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L501-L504, L506-L532. DATES: 1/1/85-1/1/86.	01/01/85-01/01/86	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N C
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
**GS910583117412.018	40 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L600-L639. DATES: 1/2/86-12/31/86.	01/02/86-12/31/86	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N C
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
**GS910583117412.036	EARTHQUAKE DEVELOCORDER FILMS. DATES: MAY 2, 1991 - MAY 14, 1991 (18 BOXES).	05/02/91-05/14/91	SP-11,R2, OPERATION AND CALIBRATION OF REMOTE TELEMETERED SEISMIC ARRAY	A Y C
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN SEISMIC NETWORK			

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**GS910583117412.044	34 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L001-L032, L054, AND L059. DATES: 9/16/81-12/30/82. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	09/16/81-12/30/82	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N C
**GS910683117412.038	EARTHQUAKE DEVELOCORDER. DATES: MAY 16, 1991 - MAY 30, 1991, JUNE 1, 1991-JUNE 11, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	05/16/91-06/11/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y C
**GS910783117412.041	EARTHQUAKE DEVELOCORDER FILMS. DATES: JUNE 13, 1991 - JUNE 27, 1991, AND JUNE 29, 1991 - JULY 1, 1991 ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN SEISMIC NETWORK	06/13/91-06/27/91 06/29/91-07/01/91	SP-11,R2, OPERATION AND CALIBRATION OF REMOTE TELEMETERED SEISMIC ARRAY	A Y C
**GS910883117412.042	EARTHQUAKE DEVELOCORDER FILMS. 60 BOXES. DATES: JULY 3, 1991 - AUGUST 12, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	07/03/91-08/12/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N C
**GS910983117412.046	EARTHQUAKE DEVELOCORDER FILMS. 27 BOXES. DATES: AUGUST 12-AUGUST 30, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	08/12/91-08/30/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	D A T A L C I A T I O N P E O D E
**GS910983117412.049	EARTHQUAKE DEVELOCORDER FILMS FOR DATES AUGUST 30, 1991 TO SEPTEMBER 9, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	08/30/91-09/09/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y C
**GS910983117412.050	EARTHQUAKE DEVELOCORDER FILMS FOR DATES SEPTEMBER 9, 1991 TO SEPTEMBER 27, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN.	09/09/91-09/27/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y C
**GS911083117412.051	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN FOR DATES SEPTEMBER 27 THROUGH OCTOBER 11, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	09/27/91-10/11/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y C
**GS911083117412.052	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN FOR DATES OCTOBER 11 THROUGH OCTOBER 25, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	10/11/91-10/25/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y C
**GS911183117412.054	EARTHQUAKE DEVELOCORDER FILM OF THE SOUTHERN GREAT BASIN FOR THE DATES OCTOBER 25 THROUGH NOVEMBER 16, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	10/25/91-11/16/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	D Q A U L T A O A L C I A T F T Y I I P E O E D N
**GS911183117412.057	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN FOR DATES NOVEMBER 16 THROUGH NOVEMBER 26, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	11/16/91-11/26/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y C
**GS911283117412.059	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN FOR DATES NOVEMBER 26 THROUGH DECEMBER 12, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	11/26/91-12/12/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y C
**GS920383117412.006	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: APRIL 26 THROUGH MAY 2, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	04/26/91-05/02/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y C
**GS920383117412.007	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: MAY 14-16, 1991 AND MAY 30 - JUNE 1, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	05/14/91-05/16/91 05/30/91-06/01/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y C
**GS920383117412.008	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: JUNE 11 - 13, 1991 AND JUNE 27 - JULY 1, 1991 ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	06/11/91-06/13/91 06/27/91-07/01/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS920383117412.009	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: JULY 1 - 3, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	07/01/91-07/03/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y C
**GS920883117412.027	SEISMIC AFTERSHOCK RECORDINGS OF THE LITTLE SKULL MOUNTAIN EARTHQUAKE OF JUNE 29, 1992: UNRSL SEGMENT 1, JUNE 30, 1992 - JULY 14, 1992. ACQN/DEVL LOCATION : 36.7229N 116.1288W 36.6646N 116.2041W 36.6206N 116.2117W 36.7285N 116.2223W 36.7779N 116.2868W 36.7339N 116.3161W 36.7764N 116.3747W 36.8531N 116.4237W 36.8557N 116.4430W 36.8371N 116.4683W 36.8286N 116.6326W 36.8539N 116.6442W	06/30/92-07/14/92	DEPLOYMENT OF PORTABLE SEISMOGRAPHS IN ACCORDANCE WITH SN-0007.	A Y C
**GS920983117412.029	SEISMIC AFTERSHOCK RECORDINGS OF THE LITTLE SKULL MOUNTAIN EARTHQUAKE OF JUNE 29, 1992: UNRSL SEGMENT 2, JULY 15, 1992 - MAY 15, 1993. ACQN/DEVL LOCATION : 36.7229N 116.1288W 36.6646N 116.2041W 36.6206N 116.2117W 36.7285N 116.2223W 36.7779N 116.2868W 36.7339N 116.3161W 36.7261N 116.3275W 36.8531N 116.4237W 36.8557N 116.4430W 36.8543N 116.4520W 36.8371N 116.4683W 36.8310N 116.4688W	07/15/92-05/15/93	DEPLOYMENT OF PORTABLE SEISMOGRAPHS IN ACCORDANCE WITH SN-0007, TWO-DIMENSIONAL SEISMIC ARRAY MEASUREMENTS AT YUCCA MOUNTAIN	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
	36.6865N 116.5363W 36.8286N 116.6326W 36.8539N 116.6442W UNIVERSITY OF NEVADA-RENO SEISMOLOGY LABS		
**GS931083117412.003	PRELIMINARY SEISMICITY AND FOCAL MECHANISMS FOR THE SOUTHERN GREAT BASIN OF NEVADA AND CALIFORNIA: JANUARY 1992 THROUGH SEPTEMBER 1992, BY S.C. HARMSSEN ACQN/DEVL LOCATION : USGS BELH, GOLDEN, CO	05/01/93-10/13/93	REDUCTION OF SEISMOGRAMS OBTAINED FROM THE D Y C SGBSN USING COMPUTER MODEL HYP071.
**GS940683117412.005	NPE/RYAN REVERSED REFRACTION PROFILE DATA ACQN/DEVL LOCATION : 36.31N 116.88W ;37.35N 116.21W	09/22/93-09/22/93	APPROXIMATELY 50 PORTABLE SEISMIC STATIONS A Y C WHICH USED DIGITAL ACQUISITION HARDWARE REFTEK AND EDA TO RECORD SEISMIC DATA. SN-0051 RAINIER MESA FIELD BOOK FOR NPE - RYAN - REVERSED REFRACTION EXPERIMENT AND SN-0052, JACKASS FLATS FIELD BOOK FOR NPE - RYAN - REVERSED REFRACTION EXPERIMENT
*GS950383117412.004	1994 PORTABLE SEISMIC INSTRUMENT DEPLOYMENTS: SEISMIC EVENT WAVEFORMS FOR TWO PORTABLE SEISMIC STATIONS IN THE ROCK VALLEY AREA ACQN/DEVL LOCATION : 36 39'52.0"N 116 12'19.0"W 36 41'03.5"N 116 12'57.9"W UNIVERSITY OF NEVADA-RENO SEISMOLOGICAL LABORATORY, RENO, NEVADA	01/01/94-12/31/94	DATA WAS COLLECTED BY TWO PORTABLE SEISMIC A Y C STATIONS WITH DIGITAL DATA ACQUISITION SYSTEMS IN ACCORDANCE WITH SN-0047, ROCK VALLEY EARTHQUAKES. DEPLOYMENT INFORMATION PERTINENT TO THE DATA COLLECTION AT THE STATIONS WAS RECORDED IN THE SCIENTIFIC NOTEBOOK

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS950383117412.005	YUCCA MOUNTAIN AND CRATER FLAT REFRACTED ARRIVALS FROM LITTLE SKULL MOUNTAIN AFTERSHOCKS: DATA PACKAGE AND FIELD DEPLOYMENT HISTORY	03/04/93-09/08/93	THIS SEISMIC DATA WAS COLLECTED BY EDA OR REFTEK DATA ACQUISITION SYSTEMS CONNECTED TO GURALP OR GEOTECH SEISMIC SENSORS IN ACCORDANCE WITH SCIENTIFIC NOTEBOOK SN-0007, 2 DIMENSIONAL SEISMIC ARRAY MEASUREMENTS AT YUCCA MOUNTAIN.	A Y P
	ACQN/DEVL LOCATION : 36.8750N 116.6740W 36.8949N 116.7350W 36.8975N 116.8102W 36.9250N 116.8650W BEATTY, NV			
*GS950583117412.006	SEISMIC AFTERSHOCK RECORDINGS OF THE LITTLE SKULL MOUNTAIN EARTHQUAKE OF JUNE 29, 1992: UNRSL SEGMENT 3, MARCH 3 - AUGUST 20, 1993.	03/03/93-08/20/93	DEPLOYMENT OF PORTABLE SEISMOGRAPHS IN ACCORDANCE WITH SN-0007, TWO-DIMENSIONAL SEISMIC ARRAY MEASUREMENTS AT YUCCA MOUNTAIN.	A Y P
	ACQN/DEVL LOCATION : 36.8750 N 116.6740 W 36.8949 N 116.7350 W 36.8975 N 116.8102 W 36.9250 N 116.8650 W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	D Q A U L T A O A L C I A T F T Y I I P E O E D N
Activity - 8.3.1.17.4.3.2				
**GS930983117432.014	FLUVIAL ORIGIN OF THE BEATTY SCARP, NYE COUNTY, NEVADA, BY L.W. ANDERSON.	10/01/92-12/31/93	SYNTHESIS AND REVIEW OF THE SOURCE DATA ALONG WITH THE ADDITION OF A NEW SCARP PROFILE	D N T
ACQN/DEVL LOCATION : USGS, DENVER, CO				
*GS950483117432.001	FIELD NOTES AND SCARP MORPHOLOGY DATA CARDS FOR "QUATERNARY FAULTING - REGIONAL FAULTS", BY R.E. ANDERSON	01/18/95-03/23/95	DATA DEVELOPED IN ACCORDANCE WITH TECHNICAL PROCEDURES GP-01, R2, GEOLOGIC MAPPING; AND GP-52, R0 AND R0-M1, TOPOGRAPHIC PROFILING OF GEOMORPHIC FEATURES - FIELD MEASUREMENT.	A Y P
ACQN/DEVL LOCATION : 36 30'N 117 07'W ; 37 37'N 116 30'W				
*GS950483117432.002	FIELD NOTES AND SCARP MORPHOLOGY DATA CARDS FOR "QUATERNARY FAULTING - AMARGOSA DESERT", BY R.E. ANDERSON	02/01/95-02/13/95	DATA DEVELOPED IN ACCORDANCE WITH TECHNICAL PROCEDURES GP-01, R2 - GEOLOGIC MAPPING AND GP-52, R0-M1 TOPOGRAPHIC PROFILING OF GEOMORPHIC FEATURES - FIELD MEASUREMENTS.	A Y P
ACQN/DEVL LOCATION : 35 52'N 116 30'W ; 36 45'N 115 45'W				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.5.2				
*GS950483117452.001	FISSION-TRACK DATA ON SAMPLES FROM BARE MOUNTAIN AND BULLFROG HILLS, NEVADA, SAMPLES: FOSSIL-TRACK DENSITY & COUNTS, INDUCED TRACK DENSITY & COUNTS, STANDARD DENSITY AND COUNTS, ZETA AND AGE.	10/06/94-03/04/95	SAMPLES WERE ANALYZED IN ACCORDANCE WITH NWM-USGS GCP-08,R2, FISSION-TRACK DATING.	A Y P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
Activity - 8.3.1.17.4.6.2				
*GS950183117462.001	PALEOSEISMIC INVESTIGATIONS OF STAGECOACH ROAD FAULT, SOUTHEASTERN YUCCA MMOUNTAIN, NYE COUNTY, NEVADA, BY MENGES, OSWALD, COE, LUNDSTROM, PACES, MAHAN, AND WIDMAN	03/01/94-12/15/94	METHOD INCLUDES THE COMPILATION OF LOGS AND FIELD DESCRIPTIONS OF UNITS AND SOILS. THESE DATA WERE INTERPRETED WITH RESPECT TO FAULTING. THIS REPORT WAS PREPARED WITH LOGS PRESENTING THESE INTERPRETATIONS.	D Y P
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV			
*GS950583117462.002	BOREHOLE SAMPLE DESCRIPTIONS OF STAGECOACH ROAD BOREHOLES UE-25 SR#1, SR#2, AND SR#3, BY C. MENGES AND J. OSWALD.	09/12/94-09/16/94	LITHOLOGIC SAMPLE DESCRIPTIONS OF CORE IN ACCORDANCE WITH SCIENTIFIC NOTEBOOK SN-0001D, LITHOLOGIC LOGGING METHODOLOGY.	A Y P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS, NV			
*GS950683117462.003	PRELIMINARY TRENCH LOGS, UNIT & SOIL DESCRIPTIONS AND TEXT FOR BUSTED BUTTE WALLS 1, 2, AND 4 ON THE PAINTBRUSH CANYON FAULT, BY J. COE, C. MENGES, AND J. WHITNEY	03/16/92-06/15/95	DATA WERE COLLECTED USING TECHNICAL PROCEDURE GP-07,R1, CONVENTIONAL GEOLOGIC MAPPING OF TRENCH WALLS; AND GP-39,R0, GEOPHOTOGRAMMETRIC MAPPING OF TRENCH WALLS - FIELD WORK.	A Y P
	ACQN/DEVL LOCATION : BBW1 BBW2 BBW3			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.7.1				
**GS950108314212.001	MAJOR RESULTS OF REGIONAL GEOPHYSICAL INVESTIGATIONS AT YUCCA MOUNTAIN AND VICINITY, NEVADA, H.W. OLIVER, D.A. PONCE, AND W.C. HUNTER, EDITORS	08/01/87-12/30/94	DESCRIPTION OF INVESTIGATIONS FOCUSING ON GRAVITY, MAGNETIC, MAGNETOTELLURIC, SEISMIC REFRACTION, SEISMIC REFLECTION AND TELESEISMIC STUDIES. THE GEOLOGIC AND REGIONAL THERMAL SETTINGS AS WELL AS STRESS MEASUREMENTS ARE INCLUDED.	D N P
ACQN/DEVL LOCATION : USGS, MENLO PARK, CA				
Activity - 8.3.1.17.4.7.2				
**GS950108314212.001	MAJOR RESULTS OF REGIONAL GEOPHYSICAL INVESTIGATIONS AT YUCCA MOUNTAIN AND VICINITY, NEVADA, H.W. OLIVER, D.A. PONCE, AND W.C. HUNTER, EDITORS	08/01/87-12/30/94	DESCRIPTION OF INVESTIGATIONS FOCUSING ON GRAVITY, MAGNETIC, MAGNETOTELLURIC, SEISMIC REFRACTION, SEISMIC REFLECTION AND TELESEISMIC STUDIES. THE GEOLOGIC AND REGIONAL THERMAL SETTINGS AS WELL AS STRESS MEASUREMENTS ARE INCLUDED.	D N P
ACQN/DEVL LOCATION : USGS, MENLO PARK, CA				
Activity - 8.3.1.17.4.7.3				
**GS950108314212.001	MAJOR RESULTS OF REGIONAL GEOPHYSICAL INVESTIGATIONS AT YUCCA MOUNTAIN AND VICINITY, NEVADA, H.W. OLIVER, D.A. PONCE, AND W.C. HUNTER, EDITORS	08/01/87-12/30/94	DESCRIPTION OF INVESTIGATIONS FOCUSING ON GRAVITY, MAGNETIC, MAGNETOTELLURIC, SEISMIC REFRACTION, SEISMIC REFLECTION AND TELESEISMIC STUDIES. THE GEOLOGIC AND REGIONAL THERMAL SETTINGS AS WELL AS STRESS MEASUREMENTS ARE INCLUDED.	D N P
ACQN/DEVL LOCATION : USGS, MENLO PARK, CA				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.8.1				
**GS950108314212.001	MAJOR RESULTS OF REGIONAL GEOPHYSICAL INVESTIGATIONS AT YUCCA MOUNTAIN AND VICINITY, NEVADA, H.W. OLIVER, D.A. PONCE, AND W.C. HUNTER, EDITORS	08/01/87-12/30/94	DESCRIPTION OF INVESTIGATIONS FOCUSING ON GRAVITY, MAGNETIC, MAGNETOTELLURIC, SEISMIC REFRACTION, SEISMIC REFLECTION AND TELESEISMIC STUDIES. THE GEOLOGIC AND REGIONAL THERMAL SETTINGS AS WELL AS STRESS MEASUREMENTS ARE INCLUDED.	D N P
ACQN/DEVL LOCATION : USGS, MENLO PARK, CA				
Activity - 8.3.1.17.4.10.1				
**GS930731174101.004	GEODETIC LEVELING AND QUADRILATERAL SURVEYS (GPS OBSERVATIONS) 1990-1991: FINAL DATA ACQUISITION REPORT, BOOK 1, GARY C. PERASSO, P.I. - L.I. NEIFERT, LEVEL OBSERVER	11/30/90-07/31/93	COMPILATION OF HEIGHT DATA, DESCRIPTIONS, NGS ELEVATIONS, AND QUADRILATERALS; ALONG WITH SUMMARY AND STATUS REPORT BY P.I. AND PROJECT REPORT BY LEVEL OBSERVER	D Y P
ACQN/DEVL LOCATION : USGS, DENVER, CO				
**GS950131174101.001	1994 YUCCA MOUNTAIN QUADRILATERAL MEASUREMENTS	05/25/94-05/26/94 11/30/94-11/30/94	TECHNICAL PROCEDURE GP-06,R4, GEODETIC LEVELING AND QUADRILATERAL SURVEYS	A Y T
ACQN/DEVL LOCATION : FRAN RIDGE NE FRAN RIDGE NW FRAN RIDGE SE FRAN RIDGE SW SOLITARIO NE SOLITARIO NW SOLITARIO SE SOLITARIO SW STAGE NE STAGE NW STAGE SE STAGE SW TRENCH 1 NE TRENCH 1 NW TRENCH 1 SE TRENCH 1 SW TRENCH 14 NE TRENCH 14 NW TRENCH 14 SE				

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	TRENCH 14 SW YUCCA RIDGE NE YUCCA RIDGE NW YUCCA RIDGE SE YUCCA RIDGE SW			
*GS950531174101.002	1994 - 1995 YUCCA MOUNTAIN GEODETIC MEASUREMENTS.	12/14/94-04/19/95	TECHNICAL PROCEDURE GP-06,R4, GEODETIC LEVELING AND QUADRILATERAL SURVEYS	A Y P
	ACQN/DEVL LOCATION :			
	1 BIS HN			
	1 JD			
	1 PDI			
	1 TJS			
	10 A HN			
	10 TJS			
	11 A HN			
	11 TJS			
	12 A HN			
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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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	24 A HN		
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	25 TJS		
	26 TJS		
	27 TJS		
	28 TJS		
	29 TJS		
	2JD		
	3 JD		
	3 PDI		
	3 TJS		
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	32 TJS		
	33 TJS		
	34 TJS		
	35 TJS		
	36 TJS		
	37 TJS		
	38 TJS		
	39 TJS		
	4 PDI		
	4 TJS		
	40 TJS		
	41 TJS		
	42 TJS		
	43 TJS		
	44 TJS		
	45 TJS		
	46 TJS		
	47 TJS		
	48 TJS		
	49 TJS		
	5 PDI		
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58	TJS		
59	TJS		
6	PDI		
6	TJS		
60	TJS		
61	TJS		
62	TJS		
63	TJS		
64	TJS		
65	TJS		
66	TJS		
67	TJS		
68	TJS		
69	TJS		
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7	PDI		
7	TJS		
70	TJS		
71	TJS		
72	TJS		
73	TJS		
74	TJS		
75	TJS		
76	TJS		
77	TJS		
78	TJS		
79	TJS		
8	A HN		
8	PDI		
8	TJS		
80	TJS		
81	TJS		
82	TJS		
83	TJS		
84	TJS		
85	TJS		
86	TJS		
87	TJS		
9	A HN		
9	PDI		
9	TJS		
	CRATER FLAT AZ MK		
	D 1 HN		

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D 2 HN
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D 6 HN
D 7 HN
D 8 HN
D 9 HN
DA HN
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H 408
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R 333
S 16 RESET

Activity - 8.3.1.17.4.10.2

**GS950331174102.001	GLOBAL POSITIONING SYSTEM PROFILE: YUCCA MOUNTAIN TO SIERRA NEVADA, J.C. SAVAGE	11/01/94-11/30/94	GPS SURVEY INFORMATION COLLECTED IN ACCORDANCE WITH TECHNICAL PROCEDURE GP-43, R0, GEODETIC TRILATERATION AND GLOBAL POSITIONING SYSTEM (GPS) SURVEYS.	A Y T
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ACQN/DEVL LOCATION : 13D 1576 1948
1PDI
6813 BB10 1905
B80 2253 1907
BM 25 1905
BP ARIES 1977
CERRO GORDO 1934
CLAIM 1991
F23 1933
FORK USGS
G 165 1933
GGBV 511 3834
G005
HOLDE 1949
JOSHUA RIDGE
KENNEDY MEADOWS 3187
L166 1933
M1377 1984
MON 93 OFFSET 1899 1949

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	P16 RESET 1978 P166 5445 1933 SHOSHONE 19XX STOVEPIPE WELLS 1949 T19SR40ER41ES36S31S1S6T20 1941 X 1372 1983			
Activity - 8.3.1.17.4.10.3				
**GS920931174103.002	GEODETIC LEVELING DATA USED TO DEFINE HISTORICAL HEIGHT CHANGES BETWEEN TONOPAH JUNCTION AND LAS VEGAS, NEVADA BY THOMAS D. GILMORE	01/01/87-08/03/92	PROFILE HISTORICAL HEIGHT CHANGES BASED ON D N T COMPARISONS OF REPEATED GEODETIC LEVELINGS ALONG THE SURVEY ROUTE. STANDARD USGS METHODOLOGY. COMPUTER PROGRAMS PROCESSED VERTICAL CONTROL DATA FROM TWO SOURCES: DIGITAL FILES FROM THE NATIONAL GEODETIC SURVEY AND HANDWRITTEN SUMMARY BOOKS FROM U.S. GEOLOGICAL SURVEY NATIONAL MAPPING DIVISION ARCHIVES.	
ACQN/DEVL LOCATION : USGS, MENLO PARK, CA				
Activity - 8.3.1.19.2.1				
**LL940909304242.007	GAS PERMEABILITY AS A FUNCTION OF TEMPERATURE. VARIATION OF GAS PERMEABILITY DUE TO STEAM FLOW.	09/27/90-06/11/91	DONE UNDER PREVIOUS LLNL-YMP ACTIVITY B-20-1. ACTIVITY IS NOW GH-01.1. PREVIOUS WBS WAS 1.2.2.2. USED STEADY STATE FLOW-THROUGH METHOD TO MEASURE PERMEABILITY.	A N C
ACQN/DEVL LOCATION : LLNL				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
*LL950404104242.014	FRACTURE HEALING EXPERIMENT DATA DESCRIBES PERMEABILITY EXPERIMENTS OF TOPOPAH SPRING TUFF. ACQN/DEVL LOCATION : LAWRENCE LIVERMORE NATIONAL LABORATORY	01/10/95-04/04/95	DONE UNDER LLNL-YMP ACTIVITY PLAN GH-01.1. A N P THE FRACTURED TOPOPAH SPRING TUFF IS SATURATED WITH J-13 WATER.
*LL950404504242.011	POROSITY DATA OF TOPOPAH SPRING TUFF. ACQN/DEVL LOCATION : LAWRENCE LIVERMORE NATIONAL LABORATORY	07/01/92-12/01/94	DONE UNDER LLNL-YMP ACTIVITY PLAN GH-01.1. D N P TWELVE SAMPLES WERE SUBCORED AND CUT INTO DISKS. AVERAGE POROSITY WAS DETERMINED BY SUBTRACTING THE DRY DENSITY FROM THE SATURATED DENSITY AND DIVIDING BY THE WATER DENSITY.
*LL950406104242.016	PERMEABILITY OF FRACTURED TUFF AS A FUNCTION OF TEMPERATURE AND CONFINING PRESSURE. ACQN/DEVL LOCATION : LAWRENCE LIVERMORE NATIONAL LABORATORY	08/01/92-10/01/94	DONE UNDER LLNL-YMP ACTIVITY PLAN GH-01.1. D N P SAMPLE WAS PLACED IN A PRESSURE VESSEL HEATED EXTERNALLY. CONFINING PRESSURE WAS MAINTAINED. SAMPLE WAS KEPT SATURATED AT ALL TIMES.
*LL950406204242.015	EFFECT OF ROCK-WATER INTERACTION ON PERMEABILITY ACQN/DEVL LOCATION : LAWRENCE LIVERMORE NATIONAL LABORATORY	03/22/94-04/04/95	DONE UNDER LLNL-YMP ACTIVITY GH-01.1. A D N P CYLINDRICAL SAMPLE OF TOPOPAH SPRING TUFF WAS MACHINED FROM CORE SECTIONS. THE ORIGINAL CORE CONTAINED AN INTACT LONGITUDINAL NATURAL FRACTURE WHICH WAS PULLED OPEN WHEN THE SAMPLE WAS MACHINED. PERMEABILITY WAS MEASURED AS FUNCTIONS OF TEMPERATURE AND DIFFERENTIAL PRESSURES. SAMPLE WAS SATURATED WITH J-13 WATER.

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.19.2.2				
*LL950404404242.010	SPREAD SHEETS OF ELECTRICAL PROPERTIES OF TOPOPAH SPRING TUFF AS A FUNCTION OF FREQUENCY, SATURATION AND TEMPERATURE.	07/01/92-12/01/94	DONE UNDER LLNL-YMP ACTIVITY PLAN GH-01.1. MEASUREMENTS WERE MADE AT VARIOUS TEMPERATURES AND SATURATION. ELECTRICAL RESISTIVITY AND DIELECTRIC PERMITTIVITY WERE MEASURED AS A FUNCTION OF FREQUENCY. WATER FROM J-13 WELL WAS ADDED IN SMALL AMOUNTS TO A DRY SAMPLE AND ALLOWED TO DISTRIBUTE THROUGHOUT THE SAMPLE.	D N P
ACQN/DEVL LOCATION : LAWRENCE LIVERMORE NATIONAL LABORATORY				
*LL950404604242.012	PERMEABILITY AS A FUNCTION OF TEMPERATURE; MATRIC POTENTIAL AS A FUNCTION OF TEMPERATURE AND SATURATION; AND CHEMICAL ANALYSIS OF TOPOPAH SPRING TUFF PORE FLUID.	07/01/92-12/01/94	DONE UNDER LLNL-YMP ACTIVITY PLAN GH-01.1. A SAMPLE CONTAINING A SINGLE OPEN FRACTURE WAS OBTAINED, SUBCORED, AND MACHINED. NO ADDITIONAL VISIBLE FRACTURES WERE CREATED.	D N P
ACQN/DEVL LOCATION : LAWRENCE LIVERMORE NATIONAL LABORATORY				
Activity - 8.3.1.19.4.1				
**LL950103004244.004	A PROGRESS REPORT FOR THE LARGE BLOCK TEST OF THE COUPLED THERMAL-MECHANICAL-HYDROLOGICAL-CHEMICAL PROCESSES.	12/01/93-07/30/94	THIS REPORT CONTAINS POROSITY MEASURED BY A MERCURY POROSIMETER. SATURATION AND DRY METHODS WERE USED. MEASURING OF MOISTURE CONTENT USED NEUTRON LOGGING. PERMEABILITY MEASURES USED THE AIR INJECTION STEADY-STATE FLOW METHOD.	D N T
ACQN/DEVL LOCATION : FRAN RIDGE LARGE BLOCK TEST				

SITE CHARACTERIZATION PLAN BASELINE

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.5.10.2.1				
**LL940804051021.000	THE INTRINSIC DISSOLUTION KINETICS OF UO ₂ WERE STUDIED UNDER A WIDE RANGE OF CONTROLLED ALKALINE CONDITIONS BETWEEN 25 AND 75 DEGREES, USING THE SINGLE-PASS FLOW-THROUGH METHOD	11/21/91-04/08/94	DONE UNDER LLNL-YMP ACTIVITY D-20-53A, SIP-WF-01. TO TEST FOR NONLINEAR EFFECTS OF FOUR VARIABLES ON THE DISSOLUTION RATE AND ANY INTERACTION EFFECTS BETWEEN THE VARIABLES, A STATISTICAL EXPERIMENTAL DESIGN APPROACH WAS USED TO SELECT THE EXPERIMENTS TO BE PERFORMED AND TO REDUCE THE NUMBER OF REQUIRED EXPERIMENTS. A SET OF EXPERIMENTS WERE SELECTED TO EXAMINE SYSTEMATICALLY THE EFFECTS OF TEMPERATURE, DISSOLVED OXYGEN AND CARBONATE CONCENTRATIONS ON UO ₂ DISSOLUTION.	A Y C
ACQN/DEVL LOCATION : LLNL, LIVERMORE, CA				
**LL941015651021.002	INFORMATION CONTAINS EXPERIMENTALLY DETERMINED DISSOLUTION RATE OF SOLID SINGLE CRYSTAL UO ₂ AS A FUNCTION OF THE PARTIAL PRESSURE OF OXYGEN IN THE VAPOR PHASE ABOVE THE BUFFER SOLUTION AT ROOM TEMPERATURE.	04/21/93-02/09/94	DONE UNDER LLNL-YMP ACTIVITY D-20-49.1, ACTIVITY D-20-53A, AND SIP-WF-01. TO TEST FOR NONLINEAR EFFECTS OF FOUR VARIABLES ON THE DISSOLUTION RATE AND ANY INTERACTION EFFECTS BETWEEN THE VARIABLES, A STATISTICAL EXPERIMENTAL DESIGN APPROACH WAS USED TO SELECT THE EXPERIMENTS TO BE PERFORMED AND TO REDUCE THE NUMBER OF REQUIRED EXPERIMENTS. EXPERIMENTS WERE SELECTED TO EXAMINE SYSTEMATICALLY THE EFFECTS OF DISSOLVED OXYGEN CONCENTRATION ON SINGLE-CRYSTAL UO ₂ DISSOLUTION RATES.	A Y C
ACQN/DEVL LOCATION : LLNL				

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SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*LL950404251021.008	DATA DOCUMENT EXPERIMENTS AND INFORMATION FOR TEST PLAN #2 ON UO DISSOLUTION STUDIES (U308 AND U03-H2O).	04/19/94-02/16/95	DONE UNDER LLNL-YMP ACTIVITY D-20-53A AND D-20-49.1. SIP-WF-01. THESE EXPERIMENTS ALLOW FOR A QUADRATIC LEVEL MODEL OF THE AQUEOUS DISSOLUTION RATES OF U308 AND U03-H2O AT 8PPM DISSOLVED OXYGEN.	A Y P
ACQN/DEVL LOCATION : LAWRENCE LIVERMORE NATIONAL LABORATORY				
*LL950404351021.009	INFORMATION CONTAINS EXPERIMENTALLY DETERMINED DISSOLUTION RATE OF SOLID SINGLE CRYSTAL UO2 AS A FUNCTION OF THE PARTIAL PRESSURE OF OXYGEN IN THE VAPOR PHASE ABOVE THE BUFFER SOLUTION AT ROOM TEMPERATURE.	03/01/94-03/01/95	DONE UNDER LLNL-YMP ACTIVITY D-20-49.1, ACTIVITY D-20-53A, AND SIP-WF-01. TO TEST FOR NONLINEAR EFFECTS OF FOUR VARIABLES ON THE DISSOLUTION RATE AND ANY INTERACTION EFFECTS BETWEEN THE VARIABLES, A STATISTICAL EXPERIMENTAL DESIGN APPROACH WAS USED TO SELECT THE EXPERIMENTS TO BE PERFORMED AND TO REDUCE THE NUMBER OF REQUIRED EXPERIMENTS. EXPERIMENTS WERE SELECTED TO EXAMINE SYTEMATICALLY THE EFFECTS OF DISSOLVED OXYGEN CONCENTRATION ON SINGLE-CRYSTAL UO2 DISSOLUTION RATES.	A Y P
ACQN/DEVL LOCATION : LAWRENCE LIVERMORE NATIONAL LABORATORY				
**LLLLLYMP9110169.000	RATE OF GRAIN VOLUME FRONT PROPAGATION UO(2) TO U(4)O(9) AND ACTIVATION ENERGY FOR THIS RATE.	10/01/90-09/30/91	OPTICAL AND SCANNING ELECTRON MICROSCOPY(SEM).	D N T
ACQN/DEVL LOCATION : PNL				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
Activity - 8.3.5.10.5.2			
**LLLLYMP9109192.000	DISSOLUTION AND PRECIPITATION KINETICS OF GIBBSITE AT 80 DEGREES C AND PH3: THE DEPENDENCE ON SOLUTION SATURATION STATE.	10/01/89-09/30/90	LABORATORY WET CHEMISTRY.
ACQN/DEVL LOCATION : YALE UNIVERSITY			

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SOCIOECONOMIC PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM00121361T1EC.001	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY EMPLOYMENT DATA REPORT, OCTOBER 1994 THROUGH DECEMBER 1994 ACQN/DEVL LOCATION : M&O/SAIC	10/01/94-12/31/94	MONITORING OF YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SOCIOECONOMIC PLAN	A Y T

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REFERENCE INFORMATION BASE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**MO9212RIB00017.003	RIB ITEM#17/REV3: SOIL AND ROCK CHARACTERISTICS: ROCK CHARACTERISTICS: ROCK THERMAL PROPERTIES: ROCK THERMAL PROPERTIES	12/14/92-12/14/92	THERMAL CONDUCTIVITY WAS MEASURED IN SAMPLES FROM SEVERAL DRILLHOLES AND THERMAL/MECHANICAL STRATIGRAPHIC UNITS AT YUCCA MOUNTAIN. THE TRANSIENT-LINE-SOURCE TECHNIQUE WAS USED FOR THESE MEASUREMENTS. AN ELECTRIC CURRENT WAS APPLIED TO AN AXIAL HEATER WITHIN A THICK-WALLED CYLINDRICAL SAMPLE, AND THE TEMPERATURE/TIME RESPONSE WAS MONITORED. MEASUREMENTS OF THIS TYPE WERE MADE AT DIFFERENT TEMPERATURES FOR EACH SAMPLE. AN EMPIRICAL MODEL WAS THEN USED TO ANALYZE THERMAL CONDUCTIVITY DATA.	D N R

ACQN/DEVL LOCATION : SNL

APPENDIX A

SITE CHARACTERIZATION PROGRAM BASELINE ACTIVITY NUMBERS AND NAMES

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.3.1.2.1.1.1	Precipitation and meteorological monitoring
8.3.1.2.1.2.1	Surface-water runoff monitoring
8.3.1.2.1.2.2	Transport of debris by severe runoff
8.3.1.2.1.3.1	Assessment of the regional hydrogeologic data needs in the saturated zones
8.3.1.2.1.3.2	Regional potentiometric-level distribution and hydrogeologic framework studies
8.3.1.2.1.3.3	Fortymile Wash recharge study
8.3.1.2.1.3.4	Evapotranspiration studies
8.3.1.2.1.4.1	Conceptualization of regional hydrologic flow models
8.3.1.2.1.4.2	Subregional two-dimensional area hydrologic modeling
8.3.1.2.1.4.4	Regional three-dimensional areal hydrologic modeling
8.3.1.2.2.1	Characterization of unsaturated-zone infiltration
8.3.1.2.2.1.1	Characterization of hydrological properties of surficial materials
8.3.1.2.2.1.2	Evaluation of natural infiltration
8.3.1.2.2.1.3	Evaluation of artificial infiltration
8.3.1.2.2.2.1	Chloride and chlorine-36 measurements of percolation at Yucca Mountain
8.3.1.2.2.3.1	Matrix hydrologic properties testing
8.3.1.2.2.3.2	Site vertical borehole studies
8.3.1.2.2.4.2	Percolation tests in the Exploratory Studies Facility

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.3.1.2.2.4.4	Radial borehole tests in the Exploratory Studies Facility
8.3.1.2.2.4.7	Perched-water test in the Exploratory Studies Facility
8.3.1.2.2.4.8	Hydrochemistry tests in the Exploratory Studies Facility
8.3.1.2.2.4.9	Multipurpose-borehole testing
8.3.1.2.2.6.1	Gaseous-phase circulation study
8.3.1.2.2.7.1	Gaseous - phase chemical investigations
8.3.1.2.2.7.2	Aqueous-phase chemical investigations
8.3.1.2.2.8.1	Development of conceptual and numerical models of fluid flow in unsaturated, fractured rock
8.3.1.2.2.9.1	Conceptualization of the unsaturated-zone hydrogeologic system
8.3.1.2.2.9.3	Simulation of the natural hydrogeologic system
8.3.1.2.3.1.2	Site potentiometric-level evaluation
8.3.1.2.3.1.3	Analysis of single- and multiple-well hydraulic-stress tests
8.3.1.2.3.1.4	Multiple-well interference testing
8.3.1.2.3.1.6	Well testing with conservative tracers throughout the site
8.3.1.2.3.1.7	Testing of the C-hole sites with conservative tracers
8.3.1.2.3.2.1	Assessment of saturated-zone hydrochemical data availability and needs
8.3.1.2.3.2.2	Hydrochemical characterization of water in the upper part of the saturated zone
8.3.1.2.3.2.3	Regional hydrochemical tests and analyses

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.3.1.2.3.3.1	Conceptualization of saturated-zone flow models within the boundaries of the accessible environment
8.3.1.2.3.3.2	Development of fracture network model
8.3.1.2.3.3.3	Calculation of flow paths, fluxes, and velocities within the saturated-zone to the accessible environment
8.3.1.3.1.1	Ground-water chemistry model
8.3.1.3.2.1	Mineralogy, petrology, and chemistry of transport pathways
8.3.1.3.2.1.1	Petrologic stratigraphy of the Topopah Spring Member
8.3.1.3.2.1.2	Mineral distributions between the host rock and the accessible environment
8.3.1.3.2.1.3	Fracture mineralogy
8.3.1.3.2.2.1	History of mineralogic and geochemical alteration of Yucca Mountain
8.3.1.3.2.2.2	Smectite, zeolite, manganese minerals, glass dehydration, and transformation
8.3.1.3.4.1	Batch sorption studies
8.3.1.3.4.1.1	Batch sorption measurements as a function of solid phase composition
8.3.1.3.4.1.2	Sorption as a function of sorbing element concentrations (isotherms)
8.3.1.3.4.1.3	Sorption as a function of ground-water composition
8.3.1.3.4.2	Biological sorption and transport
8.3.1.3.5.1.1	Solubility measurements
8.3.1.3.5.1.2	Speciation measurements
8.3.1.3.6.1.1	Crushed tuff column experiments
8.3.1.3.6.1.2	Mass transfer kinetics

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.3.1.3.6.2.1	Uptake of radionuclides on rock beakers in a saturated system
8.3.1.3.6.2.2	Diffusion through a saturated tuff slab
8.3.1.4.1.2	Integration of geophysical activities
8.3.1.4.2.1	Characterization of the vertical and lateral distribution of stratigraphic units within the site area
8.3.1.4.2.1.1	Surface and subsurface stratigraphic studies of the host rock and surrounding units
8.3.1.4.2.1.2	Surface-based geophysical surveys
8.3.1.4.2.1.3	Borehole geophysical surveys
8.3.1.4.2.1.4	Petrophysical properties testing
8.3.1.4.2.1.5	Magnetic properties and stratigraphic correlations
8.3.1.4.2.1.6	Integration of geophysical activities
8.3.1.4.2.2	Characterization of the structural features within the site area
8.3.1.4.2.2.1	Geologic mapping of zonal features in the Paintbrush Tuff
8.3.1.4.2.2.2	Surface-fracture network studies
8.3.1.4.2.2.3	Borehole evaluation of faults and fractures
8.3.1.4.2.2.4	Geologic mapping of the Exploratory Studies Facility
8.3.1.4.2.2.5	Seismic tomography/vertical seismic profiling
8.3.1.4.2.3.1	Development of a three-dimensional geologic model of the site area
8.3.1.4.3.1	Systematic acquisition of site-specific subsurface information
8.3.1.4.3.1.1	Systematic drilling program
8.3.1.5.1.1.1	Synoptic characterization of regional climate

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.3.1.5.1.2.1	Paleontologic analyses
8.3.1.5.1.2.2	Analysis of the stratigraphy-sedimentology of marsh lacustrine, and playa deposits
8.3.1.5.1.3.1	Analysis of pack rat middens
8.3.1.5.1.3.3	Determination of vegetation-climate relationships
8.3.1.5.1.4.1	Modeling of soil properties in the Yucca Mountain region
8.3.1.5.1.4.2	Surficial deposits mapping of the Yucca Mountain area
8.3.1.5.1.4.3	Eolian history of the Yucca Mountain region
8.3.1.5.1.5.1	Paleoclimate-paleoenvironmental synthesis
8.3.1.5.2.1.1	Regional paleoflood evaluation
8.3.1.5.2.1.2	Quaternary unsaturated zone hydrochemical analysis
8.3.1.5.2.1.3	Evaluation of past discharge areas
8.3.1.5.2.1.4	Analog recharge studies
8.3.1.5.2.1.5	Studies of calcite and opaline silica vein deposits
8.3.1.6.1.1	Distribution and characteristics of present and past erosion
8.3.1.6.1.1.1	Development of a geomorphic map of Yucca Mountain
8.3.1.6.1.1.2	Analysis of the downcutting history of Fortymile Wash and its tributaries
8.3.1.6.1.1.3	An analysis of hillslope erosion at Yucca Mountain
8.3.1.6.2.1.1	Synthesis and data evaluation of impact of future climatic conditions on locations and rates of erosion
8.3.1.6.3.1.1	Synthesis and data evaluation of the impact of future uplift or subsidence and faulting on erosion at Yucca Mountain and vicinity

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.3.1.8.1.1.2	Evaluation of the structural controls of basaltic volcanic events
8.3.1.8.1.1.3	Presence of magma bodies in the vicinity of the site
8.3.1.8.1.1.4	Probability calculations and assessment
8.3.1.8.1.2.1	Eruptive effects
8.3.1.8.2.1.1	Analysis of waste package rupture due to tectonic processes and events
8.3.1.8.3.2.2	Assessment of the effects of igneous intrusions on water-table elevations
8.3.1.8.3.2.5	Effects of faulting on water-table elevation
8.3.1.8.5.1.2	Geochronology studies
8.3.1.8.5.1.3	Field geologic studies
8.3.1.8.5.1.4	Geochemistry of scoria sequences
8.3.1.8.5.1.5	Geochemical cycles of basaltic volcanic fields
8.3.1.8.5.2	Characterization of igneous intrusive features
8.3.1.8.5.2.1	Evaluation of depth of curie temperature isotherm
8.3.1.8.5.2.3	Heat flow at Yucca Mountain and evaluation of regional ambient heat flow and local heat flow anomalies
8.3.1.8.5.2	Characterization of igneous intrusive features
8.3.1.8.5.2.1	Evaluation of depth of curie temperature isotherm
8.3.1.8.5.2.3	Heat flow at Yucca Mountain and evaluation of regional ambient heat flow and local heat flow anomalies
8.3.1.9.2.1	Natural resource assessment of Yucca Mountain, Nye County, Nevada
8.3.1.9.2.1.1	Geochemical assessment of Yucca Mountain in relation to the potential for mineralization

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.1.3.9.2.1.3	Assessment of the potential for geothermal energy at Yucca Mountain, Nevada
8.3.1.9.2.1.4	Assessment of hydrocarbon resources at and near the site
8.3.1.9.2.2.1	Projected trends in local and regional ground-water development, and estimated withdrawal rates in southern Nevada, proximal to Yucca Mountain
8.3.1.12.2.1.1	Site meteorological monitoring program
8.3.1.14.2.1.1	Site reconnaissance
8.3.1.14.2.1.2	Preliminary and detailed exploration
8.3.1.14.2.1.3	Detailed exploration
8.3.1.14.2.2	Laboratory tests and material property measurements
8.3.1.14.2.2.1	Physical property and index laboratory tests
8.3.1.14.2.2.2	Mechanical and dynamic laboratory property tests
8.3.1.14.2.3	Field tests and characterization measurements
8.3.1.14.2.3.1	Physical property field tests and characterization measurements
8.3.1.14.2.3.2	Mechanical property field tests
8.3.1.14.2.3.3	Geophysical field measurements
8.3.1.15.1.1	Laboratory thermal properties
8.3.1.15.1.1.1	Density and porosity characterization
8.3.1.15.1.1.2	Volumetric heat capacity characterization
8.3.1.15.1.1.3	Thermal conductivity characterization
8.3.1.15.1.2.1	Thermal expansion characterization
8.3.1.15.1.3	Laboratory determination of mechanical properties of intact rock

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.3.1.15.1.3.1	Compressive mechanical properties of intact rock at baseline experiment conditions
8.3.1.15.1.3.2	Effects of variable environmental conditions on mechanical properties
8.3.1.15.1.4	Laboratory determination of the mechanical properties of fractures
8.3.1.15.1.4.1	Mechanical properties of fractures at baseline experiment conditions
8.3.1.15.1.4.2	Effects of variable environmental conditions on mechanical properties of fractures
8.3.1.15.1.7.1	Plate loading tests
8.3.1.15.1.8.1	Evaluation of mining methods
8.3.1.15.1.8.2	Monitoring of ground-support systems
8.3.1.15.2.1.2	Overcore stress experiments in the exploratory studies facility
8.3.1.15.2.2.1	Surface-based evaluation of ambient thermal conditions
8.3.1.16.1.1.1	Site flood and debris hazards studies
8.3.1.16.2.1.4	Identification and evaluation of potential effects of repository related withdrawals on the local flow system at Yucca Mountain, Nevada
8.3.1.17.2.1.2	Assess the potential for displacement on faults that intersect underground facilities
8.3.1.17.3.1	Relevant earthquake sources
8.3.1.17.3.1.1	Identify relevant earthquake sources
8.3.1.17.3.1.2	Characterize 10,000-yr cumulative slip earthquakes for relevant seismogenic sources
8.3.1.17.3.3	Ground motion from regional earthquake and underground nuclear explosions
8.3.1.17.3.3.2	Select or develop empirical models for ground motion from underground nuclear explosions

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.3.1.17.3.4.1	Determine site effects from ground-motion recordings
8.3.1.17.3.5	Ground motion at the site from controlling seismic events
8.3.1.17.3.5.1	Identify controlling seismic events
8.3.1.17.3.5.2	Characterize ground motion from the controlling seismic events
8.3.1.17.3.6	Probabilistic seismic hazards analyses
8.3.1.17.3.6.2	Evaluate ground motion probabilities
8.3.1.17.4.1	Historical and current seismicity
8.3.1.17.4.1.1	Compile historical earthquake record
8.3.1.17.4.1.2	Monitor current seismicity
8.3.1.17.4.1.3	Evaluate potential for induced seismicity at the site
8.3.1.17.4.2	Location and recency of faulting near prospective surface facilities
8.3.1.17.4.2.1	Identify appropriate trench locations in Midway Valley
8.3.1.17.4.2.2	Conduct exploratory trenching in Midway Valley
8.3.1.17.4.3	Quaternary faulting within 100km of Yucca Mountain, including the Walker Lane
8.3.1.17.4.3.1	Conduct and evaluate deep geophysical surveys in an east-west transect crossing the Furnace Creek fault zone, Yucca Mountain, and the Walker Lane
8.3.1.17.4.3.2	Evaluate Quaternary faults within 100 km of Yucca Mountain
8.3.1.17.4.3.4	Evaluate the Bare Mountain fault zone
8.3.1.17.4.3.5	Evaluate structural domains and characterize the Yucca Mountain region with respect to regional patterns of faults and fractures

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.3.1.17.4.4	Quaternary faulting proximal to the site within northeast-trending fault zones
8.3.1.17.4.4.1	Evaluate the Rock Valley fault system
8.3.1.17.4.5.1	Evaluate the significance of the Miocene-Paleozoic contact in the Calico Hills area to detachment faulting within the site area
8.3.1.17.4.5.2	Evaluate postulated detachment faults in the Beatty-Bare Mountain area
8.3.1.17.4.6	Quaternary faulting within the site area
8.3.1.17.4.6.1	Evaluate Quaternary geology and potential Quaternary faults at Yucca Mountain
8.3.1.17.4.6.2	Evaluate age and recurrence of movement on suspected and known Quaternary faults
8.3.1.17.4.7	Subsurface geometry and concealed extensions of Quaternary faults at Yucca Mountain
8.3.1.17.4.7.1	Evaluate intermediate depth (2 to 3 km) reflection and refraction methods and plan potential application of these methods within the site area
8.3.1.17.4.7.2	Detailed gravity survey of the site area
8.3.1.17.4.7.3	Detailed aeromagnetic survey of the site area
8.3.1.17.4.7.4	Detailed ground magnetic survey of specific features within the site area
8.3.1.17.4.7.5	Evaluate surface geoelectric methods and plan potential application of these methods within the site area
8.3.1.17.4.7.8	Evaluate shallow seismic reflection (mini-sosie) methods and, if appropriate, conduct surveys of selected structures at and proximal to the site area
8.3.1.17.4.8.	Stress field within and proximal to the site area
8.3.1.17.4.8.1	Evaluate present stress field within site area

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.3.1.17.4.8.2	Evaluate and test shallow borehole hydrofrac and triaxial strain recovery methods for the determination of in situ stress and, if appropriate, plan potential application of these methods within and proximal to the site
8.3.1.17.4.9	Tectonic geomorphology of the Yucca Mountain region
8.3.1.17.4.9.1	Evaluate age and extent of tectonically stable areas at and near Yucca Mountain
8.3.1.17.4.10.1	Relevel base-station network, Yucca Mountain and vicinity
8.3.1.17.4.10.2	Survey selected base stations, Yucca Mountain and vicinity, using global positioning satellite
8.3.1.17.4.10.3	Analyze existing releveling data, Yucca Mountain and vicinity
8.3.1.17.4.11	Characterization of regional lateral crustal movement
8.3.1.17.4.12	Tectonic models and synthesis
8.3.1.17.4.12.1	Evaluate tectonic processes and tectonic stability at the site
8.3.1.19.1.1	Rock-water interactions at elevated temperatures
8.3.1.19.1.4	Dissolution of phases in the waste package environment
8.3.1.19.2.1	Single-phase fluid system properties
8.3.1.19.2.2	Two-phase fluid system properties
8.3.1.19.4.1	Repository horizon near-field hydrologic properties
8.3.1.19.5.1	Effect of grout, concrete, and other repository materials on water composition
8.3.2.4.1.1	Design activity to verify access and drift usability
8.3.3.2.2.3	In situ testing of seal components

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.3.5.4.1.1	Refinement of site data parameters required for Issue 2.2
8.3.5.9.2.4	Degradation modes affecting ceramic-metal, bimetallic/single metal, or coatings and filler systems
8.3.5.9.1.2	Integrate design and materials information (alternate barriers investigation)
8.3.5.10.2.1	Characterization of the spent fuel waste form
8.3.5.10.2.2	Characterization of the glass waste form
8.3.5.10.3.2	Develop geochemical speciation and reaction model
8.3.5.10.5.1	Determine radionuclide transport parameters
8.3.5.10.5.2	Radionuclide transport modeling in the near-field waste package environment
8.3.5.12.1.1	Application of results
8.3.5.12.2.1	Model development
8.3.5.12.2.1.1	Development of a theoretical framework for calculational models
8.3.5.12.2.2	Verification and validation

APPENDIX B

GENISES ADDITIONS: 3rd QUARTER, FY 1995

<u>DATA TRACKING NO.</u>	<u>DATA ITEM DESCRIPTION</u>
GS910508315213.001	PHYSICAL PROPERTY DATA FROM PLAYA SOIL SAMPLES COLLECTED 1/4/91 TO 1/10/91 AT JORNADA, FLAT, OLD COE, DRY (ON FT. BLISS RANGE), ISAACK, PLAYAS AND GRONTON LAKES, AND WHITE SANDS IN NM; BROADWELL, DANBY, DRY (NEAR PANAMINT SPRING), DRY (ON 29 PALMS BASE), FORD DRY, FORD, HARPER, HAYFIELD, AND MIRROR LAKES, AND BADWATER IN CA; PETERS PLAYA AND STEWART VALLEY IN NV; 1/24/91 TO 1/26/91
GS910808312212.001	GEOHYDROLOGIC DATA COLLECTED FROM SHALLOW NEUTRON-ACCESS BOREHOLES AND RESULTANT PRELIMINARY GEOHYDROLOGIC EVALUATIONS, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA
GS911008314213.009	RESULTS OF ROCK PROPERTY MEASUREMENTS MADE ON CORE SAMPLES FROM YUCCA MOUNTAIN BOREHOLES, NTS, NEVADA. PART 1. BOREHOLES UE25A-4, -5, -6, AND -7. PART 2. BOREHOLE UE25P#1
GS911108312313.009	GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL USW H-6, YUCCA MOUNTAIN, NYE COUNTY, NEVADA
GS911108315213.004	LAB ANALYSIS RESULTS AND PHYSICAL PROPERTY CHARACTERISTICS FROM PLAYA SOIL SAMPLES TAKEN FROM VARIOUS PLAYAS IN CALIFORNIA AND NEVADA, 10/17/91 TO 10/26/91. NEVADA LOCATIONS: BIG SMOKEY VALLEY, BONNIE CLAIR, COAL VALLEY, STEWART VALLEY, PAHRUMP VALLEY, PETER'S AND LIDA JUNCTION SOUTH PLAYAS, ALKALI FLAT, FRENCH LAKE, MUD LAKE, AMARGOSA FLAT, RALSTON VALLEY, SAND SPRING
GS911208315213.005	LAB ANALYSIS RESULTS AND PHYSICAL PROPERTY CHARACTERISTICS OF SURFICIAL SOIL SAMPLES TAKEN FROM WILCOX DRY PLAYA, AZ, AND SOUTH ALKALI FLAT, NM, 11/12/91 - 11/14/91

<u>DATA TRACKING NO.</u>	<u>DATA ITEM DESCRIPTION</u>
GS920708312111.005	PRECIPITATION DEPTH, IN INCHES, COLLECTED USING A NETWORK OF NON-AUTOMATED, COLLECTOR-TYPE PLASTIC GAUGES. MEASUREMENTS WERE TAKEN AFTER EACH MAJOR PRECIPITATION EVENT AND TOTALLED FOR EACH MONTH. DATA COLLECTED FROM 01/01/90 TO 09/30/91.
GS920931174103.002	GEODETIC LEVELING DATA USED TO DEFINE HISTORICAL HEIGHT CHANGES BETWEEN TONOPAH JUNCTION AND LAS VEGAS, NEVADA
GS921008312312.021	WATER LEVELS IN CONTINUOUSLY MONITORED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1989
GS921108312331.001	REVISED POTENTIOMETRIC SURFACE MAP OF YUCCA MOUNTAIN AND VICINITY, NEVADA
GS930108315213.004	URANIUM ISOTOPIC ANALYSES OF GROUNDWATERS FROM SW NEVADA - SE CALIFORNIA
GS930208315213.008	VEGETATION TRANSECT DATA FOR AMARGOSA VALLEY INCLUDING VEGETATION SPECIES NAMES, COVERAGES, LENGTH, HEIGHT, AND WIDTH.
GS930308315213.013	PHYSICAL SOIL PROPERTY DATA AND SOIL CHEMISTRIES OF SAMPLES FROM RED LAKE, AZ, JEAN LAKE AND ROACH LAKE, NV, AND MESQUITE LAKE, CA, 3/21/92 - 3/24/92
GS930983117432.014	FLUVIAL ORIGIN OF THE BEATTY SCARP, NYE COUNTY, NEVADA
GS931008312261.002	CARBON DIOXIDE, METHANE, CARBON-14, CARBON 13/12, AND OXYGEN 18/16 GAS RESULTS FROM USW UZ-6, USW UZ-6S, USW UZ-N71, USW UZ-N72, USW UZ-N73, USW UZ-N74, USW UZ-N75, USW UZ-N76, USW UZ-N93, USW UZ-N94, AND USW UZ-N95 FOR MARCH 1993
GS931008312261.003	1. TEMPERATURE DATA, DOWNHOLE, WELL USW UZ-6S FROM JANUARY 22, 1993 TO FEBRUARY 17, 1993; 2. BOREHOLE FLOW, DIRECTION, TEMPERATURE AND RELATIVE HUMIDITY DATA FROM WELL USW UZ-6S FROM MAY 25, 1993 TO OCTOBER 18, 1993
GS931208314221.012	FAULT ATTITUDE DATA OF THE PAINTBRUSH CANYON FAULT SYSTEM

<u>DATA TRACKING NO.</u>	<u>DATA ITEM DESCRIPTION</u>
GS940308314211.011	TABLE OF CONTACTS FOR THE TIVA CANYON TUFF IN BOREHOLE USW UZ-N38
GS940308314211.016	TABLE OF CONTACTS FOR THE TIVA CANYON TUFF IN BOREHOLE USW UZN-64, VERSION(S) 1.(N)
GS940308314211.017	TABLE OF CONTACTS FOR THE TIVA CANYON TUFF IN BOREHOLE UE-25 UZN#63
GS940308314211.018	TABLE OF CONTACTS FOR THE TIVA CANYON TUFF IN BOREHOLE USW UZ-N36, VERSION(S) 1.(N)
GS940308314211.019	TABLE OF CONTACTS FOR THE TIVA CANYON TUFF IN BOREHOLES USW UZ-N15, USW UZ-N16, AND USW UZ-N17, VERSION(S) 1.(N)
GS940308314222.001	FRACTURE DATA FOR PAVEMENT ARP-1, 12/17-22/93, 2/8-12/94, AND 3/1/94
GS940608314211.022	LITHOSTRATIGRAPHIC DATA FOR THE PROW PASS TUFF IN USW G-1, G-2, GU-3, AND G-4, UE-25 C#1, C#2, AND C#3, AND FIELD OBSERVATIONS FROM RAVEN CANYON AND PROS PASS
GS940608314211.024	LITHOSTRATIGRAPHIC DATA FOR THE PROW PASS TUFF IN USW UZ-14
GS940608314211.025	LITHOSTRATIGRAPHIC DATA FOR THE CALICO HILLS FORMATION IN USW G-1, G-2, GU-3, AND G-4, UE-25 A#1, UE-25 C#1, C#2, AND FIELD OBSERVATIONS FROM BUSTED BUTTE AND PROW PASS
GS940608314211.026	LITHOSTRATIGRAPHIC DATA FOR THE CALICO HILLS INFORMATION IN UE-25 UZ#16. THESE DATA SUPERSEDE A PORTION OF THE DATA PREVIOUSLY IDENTIFIED BY DTN GS931208314211.047.
GS940608314211.027	LITHOSTRATIGRAPHIC DATA FOR THE CALICO HILLS FORMATION IN THE USW UZ-14
GS940608314222.002	CHARACTERIZING FRACTURED ROCK FOR FLUID-FLOW, GEOMECHANICAL, AND PALEOSTRESS MODELING: METHODS AND PRELIMINARY RESULTS FROM YUCCA MOUNTAIN, NEVADA

<u>DATA TRACKING NO.</u>	<u>DATA ITEM DESCRIPTION</u>
GS940707312261.004	SHUT-IN PRESSURE TEST DATA FROM DECEMBER 1992 TO FEBRUARY 1994 FROM SELECT WELLS AND BOREHOLES AT YUCCA MOUNTAIN, NEVADA
GS940708312212.010	VOLUMETRIC WATER CONTENT FROM NEUTRON MOISTURE METER COUNTS FOR 74 BOREHOLES FROM THE TIME THEY WERE DRILLED UNTIL 5/2/89
GS940708312212.011	VOLUMETRIC WATER CONTENT FROM NEUTRON MOISTURE METER COUNTS FOR 99 BOREHOLES FROM 5/3/89 OR FROM THE TIME THEY WERE DRILLED UNTIL 12/31/93. THESE DATA SUPERSEDE DATA PREVIOUSLY IDENTIFIED BY DTN: GS930108313212.004; GS940108312212.005; AND GS940108312212.006.
GS940708312261.005	CARBON DIOXIDE, METHANE, CARBON 13/12, AND OXYGEN 18/16 RESULTS FROM USW UZ-6, USW UZ-6S, USW UZ-N27, USW UZ-N62, USW UZ-N64, USW UZ-N75, USW UZ-N93, USW UZ-N94, USW UZ-N95, UE-25 NRG#2B, UE-25 NRG#4, UE-25 NRG#5, AND USW NRG-6. THESE DATA WERE COLLECTED IN JANUARY 1994 AND MARCH 1994.
GS940708312261.006	BOREHOLE FLOW, DIRECTION, TEMPERATURE, AND RELATIVE HUMIDITY DATA FROM WELL USW UZ-6S FROM OCTOBER 22, 1993 TO MARCH 7, 1994
GS940708314211.034	MISCELLANEOUS LITHOSTRATIGRAPHIC CONTACTS IN NON-QUALIFIED BOREHOLES (USW G-2 AND G-4, UE-25 A#1), VERSION(S) 1.(N)
GS940808314212.003	GHOST DANCE FAULT GRAVITY AND MAGNETIC DATA, SEPTEMBER 1993
GS940908314211.043	TABLE OF LITHOLOGIC CONTACTS FROM THE BASE OF THE TONOPAH SPRING TUFF TO TOTAL DEPTH IN BOREHOLE USW UZ-14, VERSION(S) 1.(N). THE CONTACT ALTITUDES FOR THE PROW PASS TUFF SUPERSEDE THOSE FOUND IN THE DATA SEGMENT PREVIOUSLY IDENTIFIED BY DTN GS940608314211.024.
GS940908314211.044	TABLE OF LITHOLOGIC CONTACTS FOR THE PAINTBRUSH GROUP IN BOREHOLE USW SD-12, VERSION(S) 1.(N)

DATA TRACKING NO.	DATA ITEM DESCRIPTION
GS940908315213.002	U-TH ISOTOPIC DATA AND U-SERIES DISEQUILIBRIUM DATING OF SPRING DISCHARGE DEPOSITS NEAR THE SOUTHERN END OF CRATER FLAT. DATA INCLUDE SAMPLE PREPARATION DESCRIPTIONS, ALPHA SPECTROMETRIC RESULTS, MASS SPECTROMETRIC RESULTS, A SUMMARY OF ISOTOPIC DATA INCLUDING THE PERTINENT RATIOS, ERRORS AND ERROR CORRELATIONS OF THE ISOTOPES OF INTEREST (238U, 236U, 234U, 232TH, 230TH)
GS940908315213.003	RADIOCARBON DATE BY ACCELERATOR MASS SPECTROMETRY OF INORGANIC CARBON FROM A CALCIFIED RHIZOLITH: PALEOSPRING DEPOSITS, SOUTHERN END OF CRATER FLAT
GS941008312212.013	NEUTRON COUNTS FOR 97 BOREHOLES AT YUCCA MOUNTAIN FROM JANUARY 1, 1994 TO OCTOBER 1, 1994
GS941008314211.050	TABLE OF LITHOLOGIC CONTACTS IN BOREHOLE USW SD-9 FROM THE BASE OF THE PAINTBRUSH GROUP TO TOTAL DEPTH, VERSION(S) 1(N)
GS941108312132.003	HEAT-PULSE FLOWMETER SURVEY DATA FROM WELL USW G-2
GS941108319211.002	LEAD ISOTOPE RATIOS AND ISOTOPE DILUTION DATA FOR URANIUM, THORIUM, AND LEAD, APRIL TO JULY 1994
GS941108319211.003	OXYGEN ISOTOPE DATA ON TIVA CANYON TUFF FROM ANTLER RIDGE
GS941208312212.017	SUBSURFACE WATER CONTENT AT YUCCA MOUNTAIN NEVADA - NEUTRON LOGGING DATA FOR 1/1/94 THROUGH FY94
GS941208312261.008	CARBON DIOXIDE, METHANE, CARBON 14, AND CARBON 13/12 DATA USW NRG-6 AND USW NRG-7 FOR MAY AND JUNE 1994; AND CARBON 14 DATA FROM USW WELLS NRG#5, UZ-6S, UZ-N27, UZ-N62, UZ-N64, UZ-N93, UZ-N94, AND UZ-N95 FROM MARCH 1994
GS941208315213.010	PHYSICAL SOIL PROPERTY DATA FROM PLAYA SAMPLES COLLECTED ON 5/21/91 AT FRANKLIN LAKE PLAYA

<u>DATA TRACKING NO.</u>	<u>DATA ITEM DESCRIPTION</u>
GS941208315213.011	PHYSICAL AND GEOCHEMICAL SOIL PROPERTY DATA FROM PLAYA SAMPLES COLLECT AT SOUTH THREE LAKES, DOG BONE LAKE, NORTH DOG BONE LAKE, CENTRAL THREE LAKES, INDIAN SPRINGS, NORTH INDIAN SPRINGS, ETC.
GS941208319211.004	OXYGEN ISOTOPE DATA ON TUFF BRECCIA SAMPLES FROM TRENCH 14 AND BUSTED BUTTE
GS950108312232.001	PRESSURE, TEMPERATURE AND MASS FLOW MEASUREMENTS FROM NRG-7A BOREHOLE AIR INJECTION TESTING BETWEEN 7/13/94 AND 9/10/94
GS950108312232.002	PRESSURE, TEMPERATURE, AND MASS FLOW MEASUREMENTS FROM NRG-6 BOREHOLE AIR INJECTION TESTING BETWEEN 10/11/94 AND 11/04/94
GS950108312312.001	WATER-LEVEL ALTITUDE DATA FROM THE PERIODIC NETWORK, FOURTH QUARTER 1994
GS950131174101.001	PHYSICAL AND GEOCHEMICAL SOIL PROPERTY DATA FROM PLAYA SAMPLES COLLECTED AT SOUTH THREE LAKES, DOG BONE LAKE, CENTRAL THREE LAKES, INDIAN SPRINGS, NORTH INDIAN SPRINGS, AND DESERT DRY LAKE IN NEVADA, 4/24/93 - 4/25/93, AND SAMPLES COLLECTED AT BROWNS LAKE, ANTELOPE LAKE, GOLD FLAT, STONEWALL FLATS, KAWICH AND TICABOO PLAYAS IN NEVADA 6/2/93 - 6/5/93
GS950208312261.001	SHUT-IN PRESSURE TEST DATA FROM MAY 1994 TO SEPTEMBER 1994 FROM BOREHOLE UE-25 NRG#4
GS950208319211.002	OXYGEN ISOTOPE DATA ON TUFF SAMPLES OF TIVA CANYON (UPPER CLIFF AND CAPROCK ZONES)
GS950308312211.001	PRELIMINARY FAULT/FRACTURE PROPERTIES FOR FAST-PATHWAYS MODEL
GS950308312244.001	AIR-PERMEABILITY TESTING PROGRAM - ESF, ALCOVE 1; SINGLE HOLE INJECTION TESTING, DATA COLLECTED BETWEEN 8/9/94 AND 11/14/94

DATA TRACKING NO.	DATA ITEM DESCRIPTION
GS950308314211.015	ASSESSING THE NATURAL PERFORMANCE OF FELSIC TUFFS USING THE RB-SR AND SM-ND SYSTEMS - A STUDY OF THE ALTERED ZONE IN THE TOPOPAH SPRING MEMBER, PAINTBRUSH TUFF, YUCCA MOUNTAIN. THESE DATA SUPERSEDE DATA PREVIOUSLY IDENTIFIED BY DTN GS931108315215.032 AND GS910708314211.011
GS950308319211.007	ACTIVATION LABORATORIES INAA ELEMENTAL ANALYSES OF DRILL CORE SAMPLES FROM USW G-2
GS950308319213.001	PREVIOUSLY UNPUBLISHED DOWNHOLE TEMPERATURE DATA FOR WELLS NEAR OR AT YUCCA MOUNTAIN, NV - LOGGED FROM MAY '79 TO DEC. '81. DATA ARE THE LOGGED TEMPERATURES, MINIMUM AND MAXIMUM, OF THE BOREHOLE
GS950308319213.002	PREVIOUSLY UNPUBLISHED DOWNHOLE TEMPERATURE DATA FOR WELLS NEAR OR AT YUCCA MOUNTAIN, NV - LOGGED FROM JAN. '82 TO SEPT. '85. DATA ARE THE LOGGED TEMPERATURES, MINIMUM AND MAXIMUM, OF THE BOREHOLE
GS950331174102.001	GLOBAL POSITIONING SYSTEM PROFILE: YUCCA MOUNTAIN TO SIERRA NEVADA
GS950408318523.001	TEMPERATURE AND THERMAL CONDUCTIVITY IN WELLS NEAR YUCCA MOUNTAIN, NEVADA; SOME TECTONIC AND HYDROLOGIC IMPLICATIONS
GS950508312333.002	BOREHOLE DATA FOR HYDROGEOLOGIC FRAMEWORK MODEL CONSTRUCTION. THE FIRST TOP ENCOUNTERED FOR EACH HYDROGEOLOGIC UNIT IS REPRESENTED.
LA000000000033.002	MEASURED SOLUBILITIES AND SPECIATIONS FROM OVERSATURATION EXPERIMENTS OF NEPTUNIUM, PLUTONIUM, AND AMERICIUM IN UE25P#1 WELL WATER FROM THE YUCCA MOUNTAIN PROJECT
LLLLYMP9110169.000	RATE OF GRAIN VOLUME FRONT PROPAGATION UO(2) TO U(4)O(9) AND ACTIVATION ENERGY FOR THIS RATE
LLLLYMP9109192.000	DISSOLUTION AND PRECIPITATION KINETICS OF GIBBSITE AT 80 DEGREES C AND PH3: THE DEPENDENCE ON SOLUTION SATURATION STATE

<u>DATA TRACKING NO.</u>	<u>DATA ITEM DESCRIPTION</u>
LL950103004244.004	A PROGRESS REPORT FOR THE LARGE BLOCK TEST OF THE COUPLED THERMAL-MECHANICAL-HYDROLOGICAL-CHEMICAL PROCESSES
SNF29041993002.053	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ESTIMATED ROCK MASS QUALITY INDICES BASED ON CORE LOG DATA FOR HOLE USW SD-9, MIDDLE NON-LITHOPHYSAL ZONE, REV. 0
SNF29041993002.056	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ROCK MASS QUALITY INDICES BASED ON CORE LOG DATA FOR HOLE USW SD-12, MIDDLE NON-LITHOPHYSAL ZONE, REV. 0
SNF29041993002.059	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT COMPARISON OF DOWNHOLE VIDEO DATA WITH CORE DATA FOR HOLE UE25 NRG-4, -5, USW NRG-6, -7/7A, REV. 0
TM0000000000001.062	ORIGINAL SOURCE DATA AND HARDCOPY BACKUP DATA FOR: ATMOSPHERIC PRESSURE, PRECIPITATION, RELATIVE HUMIDITY, TEMPERATURE, WIND DIRECTION, AND WIND SPEED
TM00000000SD9RS.001	SHIFT DRILLING SUMMARIES FOR USW SD-9 (YMP-012) FROM 7.4' TO 1489.2'; STRUCTURAL LOGS (YMP-001) FROM 53.6' TO 1488.0'; AND LITHOLOGIC LOGS (YMP-009) FROM 0.0' TO 1450.0'
TM00000000SD9RS.002	USW SD-9 SHIFT DRILLING SUMMARIES, STRUCTURAL LOGS, AND LITHOLOGIC LOGS FROM APPROXIMATELY 145.0' TO 1690.6'
TM00000000SD9RS.003	USW SD-9 SHIFT DRILLING SUMMARIES, STRUCTURAL LOGS, AND LITHOLOGIC LOGS FROM APPROXIMATELY 1665' TO 2030.6'
TM0000000SD12RP.001	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION: SHIFT DRILLING SUMMARIES (YMP-012-R2); STRUCTURAL LOGS (YMP-011-R4); LITHOLOGIC LOGS (YMP-009-R4)

<u>DATA TRACKING NO.</u>	<u>DATA ITEM DESCRIPTION</u>
TM000000SD12RP.002	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS FROM 540.7 TO 600.7 FEET AND IS RECORDED ON THE FOLLOWING DOCUMENTS: SHIFT DRILLING SUMMARIES (YMP-012-R2); STRUCTURAL LOGS (YMP-011-R4); LITHOLOGIC LOGS (YMP-009-R4)
TM000000SD12RP.003	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS FROM 600.7 FEET TO 660.7 FEET AND IS RECORDED ON THE FOLLOWING DOCUMENTS: SHIFT DRILLING SUMMARIES (YMP-012-R2); STRUCTURAL LOGS (YMP-001-R4); LITHOLOGIC LOGS (YMP-009)
TM000000SD12RP.004	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS RECORDED ON THE FOLLOWING DOCUMENTS: SHIFT DRILLING SUMMARIES (YMP-012-R2), 600.7' TO 700.8'; STRUCTURAL LOGS (YMP-001-R4), 667.9' TO 699.7'; AND LITHOLOGIC LOG (YMP-009-R4), 650.0' TO 675.0'
TM000000SD12RP.005	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS RECORDED ON THE FOLLOWING DOCUMENTS: SHIFT DRILLING SUMMARIES (YMP-012-R2), 700.8-703.9; - STRUCTURAL LOGS (YMP-001-R4), 699.5-714.9; AND - LITHOLOGIC LOGS (YMP-009-R4), 675.0 TO 725.0
TM000000SD12RS.006	SHIFT DRILLING SUMMARIES FOR USW SD-12 (YMP-012) FROM 0.0-300.8; STRUCTURAL LOGS (YMP-001) FROM 53.0-295.8; AND LITHOLOGIC LOGS (YMP-009) FROM 0.0-278.3
TM000000SD12RS.008	USW SD-12 SHIFT DRILLING SUMMARIES, LITHOLOGIC LOGS, AND STRUCTURAL LOGS
TM00121362T1DA.001	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF THE SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1992 (MAY 1993)

<u>DATA TRACKING NO.</u>	<u>DATA ITEM DESCRIPTION</u>
TM00012562T1BA.001	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING FY 1989
TM00012562T1BA.003	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF THE SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING FY 1990
TM00012562T1BA.004	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF THE SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1990
TM00012562T1BA.006	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF THE SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1991
TM00121362T1EA.001	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1993 (JUNE 1994)
TM00121361T1EC.001	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY EMPLOYMENT DATA REPORT, OCTOBER 1994 THROUGH DECEMBER 1994
TMBH-VARIOUS95.001	DIRECTIONAL/DEVIATION GYRO SURVEYS OF THE FOLLOWING BOREHOLES: UE-25 NRG-2, UE-25 NRG-2A, UE-25 NRG-2B, UE-25 NRG-2D, UE-25 NRG-3, UE-25 NRG-4, UE-25 NRG-5, USW NRG-6, USW NRG-7/7A, USW WT-2, UE-25, UE-16, AND USW UZ-1

APPENDIX C

SUPERSEDING DATA ITEMS

DTN	SUPERSEDED DTN	CHANGE DESCRIPTION
GS940708312212.011	GS940108312212.005 GS930108312212.004 GS940108312212.006	Updates equation for calculating volumetric water content
GS930708314211.031	GS900908312232.001	Converts data measurements to metric in Lithologic Log, Table 3
GS940608314211.026	GS931208314211.047	Corrects contact altitude calculation
GS950108314211.007	GS930208314211.008 GS900908314213.002	Changes to some lithologic contacts, descriptions, and stratigraphic nomenclature
GS950108314211.008	GS940208314211.005 GS941008314211.049 GS931208314211.047 GS940608314211.023 GS931108314211.041 GS940208314211.003	Changes to some lithologic contacts, descriptions, and stratigraphic nomenclature

* Indicates superseding data items added during the current quarter.

<u>DTN</u>	<u>SUPERSEDED DTN</u>	<u>CHANGE DESCRIPTION</u>
GS950108314211.010	GS931108314211.042	Changes to some lithologic contacts, descriptions, and stratigraphic nomenclature
	GS941108314211.055	
	GS940108314211.001	
	GS940308314211.014	
	GS940408314211.020	
	GS931208314211.048	
	GS940208314211.005	
	GS941008314211.051	
	GS941008314211.049	
	GS931208314211.047	
	GS940208314211.003	
	GS941208314211.060	
	GS940308314211.009	
	GS940708314211.032	
	GS931208314211.049	
GS950108314211.011	GS900908314213.002	Changes to some lithologic contacts, descriptions, and stratigraphic nomenclature
	GS900908314213.010	
	GS930208314211.008	
	GS920908314211.003	
	GS920908314211.002	
GS950108314211.009	GS931108314211.041	Changes to some lithologic contacts, descriptions, and stratigraphic nomenclature
	GS940108314211.001	
	GS940308314211.014	
	GS940408314211.020	
	GS931208314211.048	
	GS931208314211.047	
	GS940308314211.010	
	GS940208314211.006	
	GS940208314211.003	
	GS941208314211.060	
	GS940308314211.009	
	GS940708314211.032	

<u>DTN</u>	<u>SUPERSEDED DTN</u>	<u>CHANGE DESCRIPTION</u>
GS940608314211.023	GS931208314211.047	Changes to some lithologic contacts, descriptions, and stratigraphic nomenclature
GS940608314211.026	GS931208314211.047	Changes to some lithologic contacts, descriptions, and stratigraphic nomenclature
GS940908314211.043	GS940608314211.024	Changes to some lithologic contacts, descriptions, and stratigraphic nomenclature
GS950208314211.012	GS900908314213.002 GS900908314213.010 GS930208314211.008 GS920908314211.003	Changes to some lithologic contacts, descriptions, and stratigraphic nomenclature
*GS950508312134.001	GS910408312141.001	Corrections to wind speed and evapotranspiration data
*GS950308314211.015	GS910708314211.011 GS931108315215.032	Deletion of suspect data in Table II of the report
*GS950608314211.024	GS940908314211.043	Corrects error in contact between Units 2 and 3 of the Prow Pass Tuff
SNT01122093001.002	SNT01122093001.001	Includes additional data
SNF29041993002.021	SNF29041993002.013	Includes additional data
SNL01B05059301.003	SNL01B05059301.002	Converts digital data to graphical format

<u>DTN</u>	<u>SUPERSEDED DTN</u>	<u>CHANGE DESCRIPTION</u>
SNL01A05059301.002	SNL01A05059301.001	Additional data based on expanded sample size
SNF29041993002.030	SNF29041993002.011	Includes additional data
SNF29041993002.031	SNF29041993002.012	Includes additional data
SNF29041993002.032	SNF29041993002.020	Includes additional data
SNT02052794001.002	SNT02052794001.001	Includes additional data
SNF29041993002.034	SNF29041993002.003	Revised to include USGS nomenclature and change in calculation method
SNF29041993002.035	SNF29041993002.001	Revised to include USGS nomenclature and change in calculation method
SNF29041993002.036	SNF29041993002.004	Revised to include USGS nomenclature and change in calculation method
SNF29041993002.037	SNF29041993002.014	Revised to include USGS nomenclature and change in calculation method
SNF29041993002.038	SNF29041993002.005	Revised to include USGS nomenclature and change in calculation method
SNF29041993002.039	SNF29041993002.008	Revised to include USGS nomenclature and change in calculation method
SNF29041993002.040	SNF29041993002.007	Revised to include USGS nomenclature and change in calculation method

<u>DTN</u>	<u>SUPERSEDED DTN</u>	<u>CHANGE DESCRIPTION</u>
SNF29041993002.041	SNF29041993002.006	Revised to include USGS nomenclature and change in calculation method
SNF29041993002.042	SNF29041993002.015	Includes additional data, revised survey coordinates and elevations, and change in calculation method
SNF29041993002.043	SNF29041993002.025	Includes additional data
SNF29041993002.044	SNF29041993002.021	Includes additional data
SNF29041993002.047	SNF29041993002.011 SNF29041993002.017 SNF29041993002.019	Includes change in calculation method and revisions to stratigraphy
SNF29041993002.048	SNF29041993002.009 SNF29041993002.016 SNF29041993002.018	Includes change in calculation method, USGA nomenclature, and stratigraphy revisions and additional data
SNF29041993002.049	SNF29041993002.031	Changes Q values for PTN units
SNF29041993002.050	SNF29041993002.032	Changes Q values for PTN units
*SNT02052794001.002	SNT02052794001.001	Revised and expanded geologic logs
TM000019921993.001	TM000019911992.001	Additional biota data for 1992 and 1993
*TM0000SD9SUPER.001	TM0000000SD9RS.003	Recalculations of values and descriptions on lithologic log (P.71)

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