Re'd USGS letter 11/26/95

UC-814

U.S. DEPARTMENT OF ENERGY

OCRWM

YUCCA MOUNTAIN

YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT

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TECHNICAL DATA CATALOG

(QUARTERLY SUPPLEMENT)

1028

DECEMBER 31, 1994

UNITED STATES DEPARTMENT OF ENERGY

YUCCA MOUNTAIN
SITE CHARACTERIZATION PROJECT

TECHNICAL DATA CATALOG
(QUARTERLY SUPPLEMENT)

DECEMBER 31, 1994

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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 (Acting), Robert M. Nelson, Jr., 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 data items that have been superseded.

DESIGN PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**SNT01122093001.002	"DESIGN SUPPORT ANALYSES: NORTH RAMP DESIGN PACKAGE 2C (REV. 1)". THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN: SNT01122093001.001.	12/20/93-03/31/94	THERMAL EXPANSION DATA WAS EXAMINED AND LINEARIZED. ROCK MASS DATA WAS USED FOR 2-D & 3-D MECHANICAL ANALYSES.	D	N	C

ACQN/DEVL LOCATION : SANDIA NATIONAL LABORATORY & J. F. T. AGAPITO

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS931100121347.007	SELECTED GROUND-WATER DATA FOR YUCCA MOUNTAIN REGION, SOUTHERN NEVADA AND EASTERN CALIFORNIA, THROUGH DECEMBER 1992, BY R.J. LACAMERA AND C.L. WESTENBURG. ACQN/DEVL LOCATION : USGS-WRD, LAS VEGAS, NV	06/01/93-09/30/93	DATA WAS CHECKED FOR ACCURACY AND REASONABLENESS AND DEVELOPED ACCORDING TO STANDARD USGS PROCEDURE.	D	N	C

METEOROLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*TM000000000001.056	ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE, PRECIPITATION QUANTITY, RELATIVE HUMIDITY, TEMPERATURE, WIND DIRECTION, AND WIND SPEED ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	04/01/94-06/30/94	DATA ACQUIRED FROM ON-SITE DATALOGGERS	A	Y	P
*TM000000000001.057	AMBIENT AIR MONITORING REPORT, APRIL - JUNE 1994 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	04/01/94-06/30/94	REFORMATTING OF DATA FROM ON-SITE DATALOGGERS	D	Y	P
*TM000000000001.058	ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE, PRECIPITATION QUANTITY, RELATIVE HUMIDITY, TEMPERATURE, WIND SPEED, AND WIND DIRECTION ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	07/01/94-09/30/94	DATA ACQUIRED FROM ON-SITE DATALOGGERS	A	Y	P
*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	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**SNL21080194001.001	SATURATED CASE (14 20 10). TEMPERATURES ALONG BOTTOM, MIDDLE & TOP ROWS OF A TEST CELL. ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM	06/01/93-06/23/93	SAND WAS PLACED IN A 2-DIMENSIONAL APARATUS THAT WAS HEATED FROM BELOW AND COOLED AT THE TOP. TEMPERATURES WERE RECORDED WITH THERMOCOUPLES PLACED ALONG THE BOTTOM, MIDDLE & TOP OF THE TEST CELL. THE SATURATION OF THE SAND WAS VARIED FOR DIFFERENT RUNS. TEMPERATURES WERE RECORDED AT PREDETERMINED INTERVALS.	A	N	C
*SNSAND92224800.000	SAND92-2248 "ESTIMATIONS OF THE EXTENT OF MIGRATION OF SURFICIALLY APPLIED WATER FOR VARIOUS SURFACE CONDITIONS NEAR THE POTENTIAL REPOSITORY PERIMETER." ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM	07/01/92-01/01/93	INFORMATION IN THIS REPORT PERTAIN TO TWO-DIMENSIONAL NUMERICAL CALCULATION MODELING THE MOVEMENT OF SURFICIALLY APPLIED WATER AND THE POTENTIAL EFFECTS OF THAT WATER ON REPORTING PERFORMANCE AND UNDERGROUND EXPERIMENTS.	D	N	P

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*TM000000001991.041	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 TM000000001991.017. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ	05/06/91-04/07/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y	P
*TM000000001991.042	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 TM000000001991.017. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ	05/01/91-12/31/91	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y	P
*TM000000001992.051	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 TM000000001992.023 ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ.	07/17/92-11/24/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y	P

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*TM000000001993.004	EPERM DATA FOR APRIL 1993.	04/07/93-05/07/93	DATA ACQUIRED PER WI-RM-770, REV. 4.	A	Y	P
	ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83					
*TM000000001993.005	EPERM DATA FOR MAY 1993.	05/06/93-06/01/93	DATA ACQUIRED PER WI-RM-770, REV. 4.	A	Y	P
	ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83					
*TM000000001993.006	EPERM DATA FOR JUNE 1993.	06/01/93-07/01/93	DATA ACQUIRED PER WI-RM-770, REV. 4.	A	Y	P
	ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83					
*TM000000001993.007	EPERM DATA FOR JULY 1993.	07/01/93-08/04/93	DATA ACQUIRED PER WI-RM-770, REV. 4.	A	Y	P
	ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83					
*TM000000001993.008	EPERM DATA FOR AUGUST 1993.	08/04/93-09/07/93	DATA ACQUIRED PER WI-RM-770, REV. 4.	A	Y	P
	ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83					
*TM000000001993.009	EPERM DATA FOR SEPTEMBER 1993.	09/07/93-10/05/93	DATA ACQUIRED PER WI-RM-770, REV. 4.	A	Y	P
	ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83					
*TM000000001993.050	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR SECOND QUARTER 1993.	04/01/93-06/30/93	TLD EXCHANGE AND HANDLONG 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	P
	ACQN/DEVL LOCATION : RFPD NEAR FIELD AND FAR FIELD MONITORING SITES					

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*TM000000001993.051	ENVIRONMENTAL THERMOLUMENISCENT 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	P
	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	P
	ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD MONITORING SITES					
*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.	07/01/93-07/31/93	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y	P
	ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ					
**TM000000001994.003	CONTINUOUS AIR MONITORING DATA FOR MARCH 1994.	02/28/94-03/29/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS.	A	Y	C
	ACQN/DEVL LOCATION : FAR AND NEAR FIELD CAS SITES.					

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*TM0000000001994.007	CONTINUOUS AIR SAMPLER DATA FOR JULY 1994	06/27/94-08/04/94	DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTIONS WI-RM-702, REVISION 5 AND WI-RM-703, REVISION 2.	A	Y	P
	ACQN/DEVL LOCATION : NEAR FIELD AND FAR FIELD CAS SITES					
*TM0000000001994.008	CONTINUOUS AIR SAMPLER DATA FOR AUGUST 1994.	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	P
	ACQN/DEVL LOCATION : NEAR FIELD AND FAR FIELD CAS SITES					
*TM0000000001994.009	CONTINUOUS AIR SAMPLER DATA FOR SEPTEMBER 1994.	08/29/94-10/05/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-702, REV. 5, AND WI-RM-703, REV. 2.	A	Y	P
	ACQN/DEVL LOCATION : NEAR FIELD AND FAR FIELD CAS SITES					
*TM0000000001994.019	ENVIRONMENTAL RADON MEASUREMENTS FOR JULY 1994.	07/01/94-08/04/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-770, REVISION 4, ICN 0.	A	Y	P
	ACQN/DEVL LOCATION : RFPD NEAR FIELD AND FAR FIELD SAMPLE SITES					
*TM0000000001994.020	ENVIRONMENTAL RADON MEASUREMENTS FOR AUGUST 1994.	07/31/94-09/06/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-770, REV. 4, ICN 0.	A	Y	P
	ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD SAMPLE SITES					

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*TM000000001994.021	EPERM DATA FOR SEPTEMBER 1994.	09/07/94-10/06/94	DATA ACQUIRED PER WI-RM-770, REV. 4.	A	Y	P
	ACQN/DEVL LOCATION : ALL NEAR FIELD SITES AND FAR FIELD SITE 83					
*TM000000001994.032	PRESSURIZED ION CHAMBER DATA FOR AUGUST 1994.	08/04/94-09/01/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-904, REV. 0, AND WI-RM-906, REV. 2.	A	Y	P
	ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD ENVIRONMENTAL MONITORING SITES					
*TM000000001994.033	PRESSURIZED ION CHAMBER DATA FOR SEPTEMBER 1994.	09/01/94-10/05/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-904, REV. 0, AND WI-RM-906, REV. 2.	A	Y	P
	ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD ENVIRONMENTAL MONITORING SITES					
*TM000000001994.045	ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR SEPTEMBER 1994.	09/02/94-10/07/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-710, REV. 1.	A	Y	P
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES 06 AND 87					
*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	P
	ACQN/DEVL LOCATION : RFPD NEAR FIELD AND FAR FIELD MONITORING SITES					

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*TM000000001994.050	ENVIRONMENTAL THERMOLUMENISCENT 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	P
	ACQN/DEVL LOCATION : RFPD NEAR FIELD AND FAR FIELD MONITORING SITES					
*TM000019921993.001	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1991 & 1992 BIOTA SAMPLES. THIS DATA PACKAGE CONTAINS BIOTA DATA FROM 1992 AND 1993 FROM NF SITES 12, 14, 59, 69, AND SN1. THIS DATA SUPERSEDES DATA IDENTIFIED BY DATA TRACKING NUMBER TM000019911992.001.	04/29/92-04/21/93	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y	P
	ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ.					
**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	C
	ACQN/DEVL LOCATION : 84 KM RADIUS OF N4078351.6(U), E551135.7(U)					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**TM0000000SD9RS.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	P
	ACQN/DEVL LOCATION : N767,974(N) (EST) E561,805(N) (EST) GROUND ELEV. 4270' (EST)					
*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	P
	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	P
	ACQN/DEVL LOCATION : N767,974(N) (EST) E561,805(N) (EST) GROUND ELEV. 4270' (EST)					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*TM0000000SD9RS.004	USW SD-9 SHIFT DRILLING SUMMARIES, STRUCTURAL LOGS, AND LITHOLOGIC LOGS FROM APPROX. 2030.6' TO 2223.1'.	09/22/94-09/27/94	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	P
	ACQN/DEVL LOCATION : N767,974(N) (EST) E561,805(N) (EST) GROUND ELEV. 4270' (EST)					
**TM000000NRG2RP.001	UE-25 NRG#2 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS RECORDED ON THE FOLLOWING DOCUMENTS: - SHIFT DRILLING SUMMARIES (YMP-012-R2); - STRUCTURAL LOGS (YMP-001-R4); AND - LITHOLOGIC LOGS (YMP-009-R4). TOTAL DEPTH OF THE BOREHOLE IS 294.0'.	01/11/93-06/07/93	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	P
	ACQN/DEVL LOCATION : N765763.8 (N) E569164.1(N) GROUND ELEV: 3796.7' TD: 294.1'					
**TM000000NRG3RP.001	UE-25 NRG#3 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS PACKAGE IS RECORDED ON THE FOLLOWING DOCUMENTS: SHIFT DRILLING SUMMARIES (YMP-012); STRUCTURAL LOGS (YMP-001); AND LITHOLOGIC LOGS (YMP-009) . TOTAL BOREHOLE DEPTH IS 330.0'.	03/09/93-03/30/93	SAMPLE COLLECTING AND PROCESSING ACTIVITIES WERE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF, FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A	Y	P
	ACQN/DEVL LOCATION : N756890(N) (EST) E563430(N) (EST) GROUND ELEV: 4083' (EST)					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**TM000000NRG4RP.001	UE-25 NRG#4 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS PACKAGE IS RECORDED ON THE FOLLOWING DOCUMENTS: - SHIFT DRILLING SUMMARIES (YMP-012); STRUCTURAL LOGS (YMP-001); AND - LITHOLOGIC LOGS (YMP-009). TOTAL BOREHOLE DEPTH IS 726.0'.	06/17/93-07/21/93	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	P
	ACQN/DEVL LOCATION : N767080.2(N) E56820.0(N) GROUND ELEV. 4099.4'					
**TM000000NRG5RP.001	UE-25 NRG#5 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS PACKAGE IS RECORDED ON THE FOLLOWING DOCUMENTS: SHIFT DRILLING SUMMARIES (YMP-012); STRUCTURAL LOGS (YMP-001); AND LITHOLOGIC LOGS (YMP0-009). TOTAL BOREHOLE DEPTH IS 955.9'.	04/20/93-06/09/93	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	P
	ACQN/DEVL LOCATION : N767889.6(N) E564769.9(N) GROUND ELEV. 4106.7'					
**TM000000NRG6RP.001	USW NRG#6 SHIFT DRILLING SUMMARIES, LITHOLOGIC LOGS, AND STRUCTURAL LOGS.	11/20/92-03/03/93	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	P
	ACQN/DEVL LOCATION : N766726.3(N) E546187.2(N) GROUND ELEV. 4093.1'					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**TM000000SD12RS.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	P
	ACQN/DEVL LOCATION : N761,956.59(N) (EST) E561,605.70(N) (EST) GROUND ELEV.:4342.99' (EST)					
**TM000000SD12RS.007	USW SD-12 SHIFT DRILLING SUMMARIES (732.5' TO 1217.2'), STRUCTURAL LOGS (714.6'-1206.1'), AND LITHOLOGIC LOGS (725.0'-1195.0').	05/23/94-07/29/94	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	P
	ACQN/DEVL LOCATION : N761,956.60(N) (EST) E561,605.70(N) (EST) GROUND ELEV. 4343.0' (EST)					
**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	P
	ACQN/DEVL LOCATION : N761956.60(N) E561605.70(N) GROUND ELEV. 4343.0'					
*TM000000SD12RS.009	USW SD-12 SHIFT DRILLING SUMMARIES, STRUCTURAL LOGS, AND LITHOLOGIC LOGS FROM APPROX. 1401.1' TO 1435.3'.	09/13/94-09/15/94	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	P
	ACQN/DEVL LOCATION : N761956.60(N) E561605.70(N) GROUND ELEV. 4343.0'					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**TM00000NRG2BRP.001	THE ATTACHED DATA ARE FROM UE-25NRG#2B AND ARE LOCATED IN THE RECORDS PACKAGE FOR THE NAMED BOREHOLE. DOCUMENTS ATTACHED TO THIS TDIF ARE AS FOLLOWS: SHIFT DRILLING SUMMARIES (YMP-012), STRUCTURAL LOGS (YMP-001), AND LITHOLOGIC LOGS (YMP-009). TOTAL BOREHOLE DEPTH IS 329.5'. ACQN/DEVL LOCATION : N765765.2(N) E569214.5(N) GROUND ELEV: 3801.4'	07/30/93-09/14/93	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	P
**TM000NRG7/7ARP.001	USW NRG#7/7A BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS PACKAGE IS RECORDED ON THE FOLLOWING DOCUMENTS: SHIFT DRILLING SUMMARIES (YMP-012); STRUCTURAL LOGS (YMP-001); AND LITHOLOGIC LOGS (YMP-009) . TOTAL BOREHOLE DEPTH IS 1513.4'. ACQN/DEVL LOCATION : N768880.1(N) E562984.0(N) GROUND ELEV. 4207.2'	10/27/93-03/04/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFROMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF, FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A	Y	P
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. 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	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	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
	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#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					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
	USW UZ-N48					
	USW UZ-N49					
	USW UZ-N50					
	USW UZ-N51					
	USW UZ-N52					
	USW UZ-N65					
	USW UZ-N66					
	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					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS930108312111.003	PRECIPITATION DEPTH, IN INCHES, FOR EVENTS BETWEEN 10/1/91 AND 9/30/92. (AN EFFORT WAS MADE TO RECORD MEASUREMENTS AFTER EACH MAJOR STORM EVENT AT YUCCA MOUNTAIN. HOWEVER, SOME EVENTS OVER A SEVERAL DAY PERIOD WERE CONSOLIDATED INTO ONE SET OF MEASUREMENTS FOR THE NETWORK.)	10/01/91-09/30/92	PRECIPITATION MEASUREMENTS WERE MADE FROM A NETWORK OF COLLECTION/STORAGE GAUGES. THEY ARE NON-AUTOMATED. READINGS WERE TAKEN DIRECTLY FROM A SCALE IMPRINTED ON THE PLASTIC GAUGES OR FROM A DIP STICK MARKED WITH A SCALE. GAUGES WERE OF THREE TYPES: PLASTIC FENCE POST WEDGE, 4-INCH-DIAMETER ROUND CANISTER, AND 8-INCH STANDARD NATIONAL WEATHER SERVICE METAL STORAGE GAUGE.	A	N	T
	ACQN/DEVL LOCATION : N730000(N) E550000(N) ;N770000(N) E610000(N)					
**GS930108312111.004	PRECIPITATION DEPTH, IN INCHES, FOR EVENTS BETWEEN 10/1/92 AND 10/07/92, COLLECTED USING A NON-AUTOMATED, COLLECTOR-TYPE PLASTIC GAUGE AT UE-25 UZN #7. MEASUREMENTS WERE TAKEN AFTER EACH MAJOR PRECIPITATION EVENT AND TOTALLED FOR EACH MONTH.	10/01/92-10/07/92	PRECIPITATION AMOUNTS WERE READ DIRECTLY FROM A SCALE IMPRINTED ON THE SIDE OF THE GAUGE. MEASUREMENTS WERE MADE IN INCHES OF RAINFALL.	A	N	C
	ACQN/DEVL LOCATION : UE-25 UZN #7 USGS HRF, AREA 25, MERCURY, NV					
**GS940108312111.001	PRECIPITATION QUANTITY (DEPTH) IN INCHES, FOR STORM EVENTS BETWEEN 10/1/92 AND 9/30/93. AN EFFORT WAS MADE TO RECORD MEASUREMENTS AFTER EACH STORM EVENT AT YUCCA MOUNTAIN. HOWEVER, SOME EVENTS OVER A SEVERAL DAY PERIOD WERE CONSOLIDATED INTO ONE MEASUREMENT AT EACH GAGE SO AFFECTED.	10/08/92-09/30/93	PRECIPITATION MEASUREMENTS WERE MADE FROM A NETWORK OF COLLECTION TYPE, NON-RECORDING RAIN GAGES. THEY ARE NON-AUTOMATED. READINGS WERE TAKEN FROM A SCALE IMPRINTED ON THE PLASTIC GAGE OR FROM A DIP STICK MARKED WITH A SCALE. GAGES WERE A MIXTURE OF THREE TYPES; PLASTIC WEDGE-SHAPED GAGE WITH A SQUARE ORIFICE, 4-INCH DIAMETER PLASTIC CANISTER GAGE, AND 8-INCH DIAMETER METAL STORAGE GAGE. HP-43,R2, INSTALLATION, OPERATION, AND EXAMINATION OF TWO TYPES OF NON-RECORDING RAIN GAGES, HP-264,R0, FIELD MEASUREMENT OF PRECIPITATION USING NON-RECORDING RAIN GAGES.	A	Y	C
	ACQN/DEVL LOCATION : N730000(N) E550000(N) ;N770000(N) E610000(N)					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*GS940808312111.005	PRECIPITATION MEASUREMENTS FROM A NETWORK OF NON-RECORDING GAGES AT YUCCA MOUNTAIN, NEVADA, BY D.S. AMBOS AND A.L. FLINT ACQN/DEVL LOCATION : USGS HRF, NTS, NV	11/01/93-07/15/94	COMPILED PRECIPITATION DATA INTO TABLES AND COMPILED TABLES INTO REPORT.	D	N	P
*GS941208312111.006	FY94 SYNOPTIC/SITE METEOROLOGICAL DATA. CONSISTS OF WIND SPEED, WIND DIRECTION, AIR TEMPERATURE, RELATIVE HUMIDITY, NET SOLAR RADIATION, PRECIPITATION, & BAROMETRIC PRESSURE. ACQN/DEVL LOCATION : N782850(N) E554986(N) N757500(N) E555739(N) N760134(N) E558356(N) N771482(N) E560148(N) N751136(N) E560265(N) N768606(N) E566119(N) N759011(N) E567934(N) N754015(N) E573575(N) N742400(N) E576300(N) N743968(N) E610564(N)	10/01/93-09/30/94	DATA WERE GENERATED BY SENSORS MOUNTED ON AUTOMATED DATA COLLECTION PLATFORMS OPERATING AT REMOTE FIELD LOCATIONS. DATA WERE RECORDED BY DATALOGGERS AND STORED DIGITALLY ON MAGNETIC TAPE. TAPES WERE PERIODICALLY RETRIEVED AND DOWNLOADED TO A COMPUTER DATA BASE. DATA COULD ALSO BE RETRIEVED VIA RADIO TELEMETRY LINKS WITH EACH SITE. DATA ARE ARCHIVED ON REMOVABLE CARTRIDGE DISKS.	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.2.1.2.1						
**GS920708312121.001	SURFACE-WATER DISCHARGE DATA, INCLUDING COPIES OF RECORDER CHARTS AND DISCHARGE MEASUREMENTS NOTES, COLLECTED DURING WATER YEARS 1983-85 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA. ACQN/DEVL LOCATION : 36 00'N 117 00'W ;37 30'N 115 30'W	10/01/82-09/30/85	DATA WERE COLLECTED USING METHOD DESCRIBED IN USGS-TWRTI'S BOOK 3, CH. A1, A2, A3, A8, A13 AND A19; BOOK 4, CH. B1; BOOK 5, CH. A1; BOOK 8, CH. A2 AND B2; AND USGS WSP-2175.	A	N	C
**GS930908312121.005	STREAMFLOW AND SELECTED PRECIPITATION DATA FOR YUCCA MOUNTAIN REGION, SOUTHERN NEVADA AND EASTERN CALIFORNIA, BY THOMAS G. KANE, DAVID J. BAUER, AND CLAIR M. MARTINEZ. ACQN/DEVL LOCATION : USGS, CARSON CITY, NV USGS, LAS VEGAS, NV	11/01/92-08/27/93	ACQUIRED DATA WERE COMPILED INTO AN OPEN FILE REPORT USING GENERAL USGS REPORT GUIDELINES.	D	N	C
Activity - 8.3.1.2.1.3.2						
**GS920908312132.004	HYDRAULIC-HEAD DATA (WATER-LEVELS) FROM GS-15, GS-16, AND GS-17. ACQN/DEVL LOCATION : GS-15 GS-16 GS-17	06/18/83-06/09/89	HYDRAULIC HEAD DATA WERE MEASURED USING ROLL SOUNDER AND HAND HELD STEEL TAPE.	A	N	C
**GS931008312132.004	GROUND-WATER ALTITUDES AND WELL DATA, NYE COUNTY, NEVADA, AND INYO COUNTY, CALIFORNIA, COMPILED BY MAREK CIESNIK. ACQN/DEVL LOCATION : USGS, DENVER, CO	02/10/91-12/15/92	COMPILATION PRIMARILY FROM USGS NATIONAL WATER INFORMATION SYSTEM (NWIS) AND FROM OTHER PUBLISHED PAPERS.	D	N	T

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*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	P
Activity - 8.3.1.2.1.3.3						
**GS940508312133.003	SELECTED HYDROLOGIC DATA FROM FORTYMILE WASH IN THE YUCCA MOUNTAIN AREA, NEVADA, WATER YEAR 1992, BY C.S. SAVARD. ACQN/DEVL LOCATION : USGS, MERCURY, NV	10/01/93-02/22/94	DATA DEVELOPED USING STANDARD USGS TECHNIQUES.	D	Y	C
*GS941108312133.005	DEPTH-TO-WATER MEASUREMENTS IN FORTYMILE WASH WELLS, 10/1/84 - 5/2/89. ACQN/DEVL LOCATION : UE-29 A#1 UE-29 A#2 UE-29 UZN#91	10/01/84-05/02/89	THE MEASUREMENTS WERE TAKEN WITH HAND-HELD STEEL TAPES OR 2600 FT MOTOR DRIVEN STEEL TAPE.	A	N	P
*GS941108312133.006	DEPTH-TO-WATER MEASUREMENTS IN FORTYMILE WASH WELLS, 1994 WATER YEAR. ACQN/DEVL LOCATION : UE-25 J#12 UE-29 A#1 UE-29 A#2 UE-29 UZN#91 USW VH-1	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	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*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	P
	ACQN/DEVL LOCATION : UE-29 A#1 UE-29 A#2 UE-29 UZN#91					
Activity - 8.3.1.2.1.4.4						
**GS940508312144.001	PRELIMINARY DIGITAL GEOLOGIC MAPS OF THE MARIPOSA, KINGMAN, TRONA, AND DEATH VALLEY SHEETS, CALIFORNIA, BY F.A. D'AGNESE, C.C. FAUNT AND A.K. TURNER	06/01/92-05/13/94	DIGITIZED PUBLISHED GEOLOGIC MAPS FOR INCORPORATION INTO GIS DATABASE FOR REGIONAL GROUNDWATER MODELING.	D	N	C
	ACQN/DEVL LOCATION : USGS, DENVER, CO					
*GS941208312144.002	HYDROSTRATIGRAPHY OF THE DEATH VALLEY REGION, NEVADA AND CALIFORNIA, DEVELOPED USING GIS TECHNIQUES, BY C.C. FAUNT, F.A. D'AGNESE AND A.K. TURNER.	12/01/93-12/07/94	COMBINED LITHOLOGIC UNITS INTO HYDROSTRATIGRAPHIC UNITS, AND ASSIGNED HYDRAULIC PROPERTY DATA FROM THE LITERATURE.	D	N	P
	ACQN/DEVL LOCATION : USGS, DENVER, CO					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.2.2.1.1						
**GS921208312211.009	GRAVIMETRIC WATER CONTENT MEASUREMENTS OF CORES AND CUTTINGS FROM USW UZ-6S	04/23/85-09/06/85	CORE AND CUTTING SAMPLES WERE WEIGHED BEFORE AND AFTER DRYING	A	N	C
	ACQN/DEVL LOCATION : USW UZ-6S					
**GS921208312211.010	WATER POTENTIAL MEASUREMENTS OF CORES & CUTTINGS FROM USW UZ-6S	05/18/85-04/22/86	WATER POTENTIAL MEASUREMENTS OF CORE & CUTTINGS WERE MADE WITH THE SC-10 DECAGON DEVICE	A	N	C
	ACQN/DEVL LOCATION : TEST CELL C, USGS, AREA 25, NTS, NV					
**GS921208312211.011	BULK & GRAIN DENSITY MEASUREMENTS OF ROTARY CORE FROM USW UZ-6S	04/23/86-06/09/86	ANNUAL BOOK OF ASTM STANDARDS, V.19; 1) STANDARD TEST METHODS FOR BULK SPECIFIC-GRAVITY OF COMPACTED BITUMINOUS MIXTURES USING PARAFILM-COATED SPECIMENS, ANSI ASTMD 1188-71; 2) STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS, ANSI ASTM D 854-58	A	N	C
	ACQN/DEVL LOCATION : HOLMES & NARVER MATERIALS TESTING LAB, MERCURY, NV					
**GS921208312211.013	GEOHYDROLOGIC DATA FROM TEST HOLE USW UZ-6S, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY CAROLE A. LOSKOT.	04/23/85-11/30/92	COMPILED DATA FROM GRAVIMETRIC WATER CONTENT MEASUREMENTS, WATER POTENTIAL MEASUREMENTS, BULK & GRAIN DENSITY MEASUREMENTS, CORES, AND LITHOLOGY.	D	N	T
	ACQN/DEVL LOCATION : USGS, DENVER, CO.					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*GS941008312211.007	FY94 BOREHOLE GEOPHYSICS, UE-25 BOREHOLES UZN#3, UZN#4, UZN#5, UZN#6, UZN#7, UZN#8, UZN#9 AND UZN#63 ACQN/DEVL LOCATION : UE-25 UZN#3 UE-25 UZN#4 UE-25 UZN#5 UE-25 UZN#6 UE-25 UZN#63 UE-25 UZN#7 UE-25 UZN#8 UE-25 UZN#9	08/01/94-10/15/94	HP-274,R0, GEOPHYSICAL LOGGING USING GAMMA-GAMMA GEOPHYSICAL LOGGING PROBE, AND HP-275,R0, GEOPHYSICAL LOGGING USING NEUTRON-NEUTRON GEOPHYSICAL LOGGING PROBE.	A	Y	P
*GS941008312211.008	PHYSICAL PROPERTIES OF UNCONSOLIDATED SURFICIAL MATERIALS IN THE VICINITY OF YUCCA MOUNTAIN PROJECT, MARCH - SEPT., 1994. 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)	03/01/94-09/30/94	HP-263,R0, PARTICLE-SIZE ANALYSIS; HP-243, 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.	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
	N753962(N) E564006(N) 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					
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	P
**GS921208312211.009	GRAVIMETRIC WATER CONTENT MEASUREMENTS OF CORES AND CUTTINGS FROM USW UZ-6S ACQN/DEVL LOCATION : USW UZ-6S	04/23/85-09/06/85	CORE AND CUTTING SAMPLES WERE WEIGHED BEFORE AND AFTER DRYING	A	N	C
**GS921208312211.010	WATER POTENTIAL MEASUREMENTS OF CORES & CUTTINGS FROM USW UZ-6S ACQN/DEVL LOCATION : TEST CELL C, USGS, AREA 25, NTS, NV	05/18/85-04/22/86	WATER POTENTIAL MEASUREMENTS OF CORE & CUTTINGS WERE MADE WITH THE SC-10 DECAGON DEVICE	A	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS921208312211.011	BULK & GRAIN DENSITY MEASUREMENTS OF ROTARY CORE FROM USW UZ-6S	04/23/86-06/09/86	ANNUAL BOOK OF ASTM STANDARDS, V.19; 1) STANDARD TEST METHODS FOR BULK SPECIFIC-GRAVITY OF COMPACTED BITUMINOUS MIXTURES USING PARAFILM-COATED SPECIMENS, ANSI ASTMD 1188-71; 2) STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS, ANSI ASTM D 854-58	A	N	C
	ACQN/DEVL LOCATION : HOLMES & NARVER MATERIALS TESTING LAB, MERCURY, NV					
**GS921208312211.013	GEOHYDROLOGIC DATA FROM TEST HOLE USW UZ-6S, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY CAROLE A. LOSKOT.	04/23/85-11/30/92	COMPILED DATA FROM GRAVIMETRIC WATER CONTENT MEASUREMENTS, WATER POTENTIAL MEASUREMENTS, BULK & GRAIN DENSITY MEASUREMENTS, CORES, AND LITHOLOGY.	D	N	T
	ACQN/DEVL LOCATION : USGS, DENVER, CO.					
*GS941008312212.013	VOLUMETRIC WATER CONTENT CALCULATED FROM FIELD CALIBRATION EQUATIONS USING NEUTRON COUNTS FOR 99 BOREHOLES AT YUCCA MOUNTAIN FROM JANUARY 1, 1994, TO OCTOBER 1, 1994	01/01/94-10/01/94	VOLUMETRIC WATER CONTENTS WERE DETERMINED BY APPLYING FIELD CALIBRATION EQUATIONS AND LABORATORY-TO-FIELD TRANSFER EQUATIONS TO THE NEUTRON MOISTURE METER COUNTS COLLECTED AT ALL BOREHOLES IN ACCORDANCE WITH HP-62,R6 AND R6-M1, METHOD FOR MEASURING SUB-SURFACE MOISTURE CONTENT USING NEUTRON MOISTURE METER, AND HP-254, R0, DEVELOPMENT AND USE OF A CALIBRATION EQUATION FOR A HAND-HELD NEUTRON MOISTURE METER.	A	Y	P
	ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*GS941008312212.014	SUBSURFACE WATER CONTENTS AT YUCCA MOUNTAIN, NEVADA -- NEUTRON LOGGING DATA 1984-93, BY L.E. FLINT AND A.L. FLINT ACQN/DEVL LOCATION : USGS HRF, AREA 25, NV	09/01/93-09/01/94	ANALYSES RESULTING FROM NEUTRON LOGS COLLECTED BETWEEN 1984 AND 1993.	D	N	P
*GS941008312212.015	GRAVIMETRIC WATER CONTENT AND WATER POTENTIAL COLLECTED FROM 43 SHALLOW NEUTRON-ACCESS BOREHOLES, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA ACQN/DEVL LOCATION : USGS HRF, NTS, NV USGS, DENVER, CO	08/01/84-07/31/87	WATER POTENTIAL MEASURED USING USGS TECHNICAL PROCEDURE HP-55,R0, HYDROLOGIC LABORATORY TESTING OF CORE AND DRILLING-CUTTING SAMPLES FROM UNSATURATED-ZONE TEST HOLES, GRAVIMETRIC WATER CONTENT MEASURED USING HP-32,R0, METHOD FOR MONITORING MOISTURE CONTENT OF DRILL-BIT CUTTINGS FROM THE UNSATURATED ZONE. (SAMPLES ACQUIRED USING HP-12,R4, PROCEDURES FOR HANDLING AND FIELD TESTING OF THE CORE FROM UNSATURATED BOREHOLES.)	A	N	P
*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. ACQN/DEVL LOCATION : HOLMES & NARVER MATERIALS TESTING LAB; MERCURY, NV	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	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.2.2.1.3						
**GS940108312213.007	VOLUME OUTFLOW MEASUREMENTS (IN CM/HR) FROM SUPPLY TANKS FOR RING INFILTROMETER	02/23/93-02/24/93	PRESSURE TRANSDUCER READINGS WERE TAKEN WITH A CS 21X DATALOGGER CORRESPONDING TO A CUMULATIVE VOLUME OF WATER DRAINED FROM SUPPLY TANKS USED IN PONDED INFILTRATION STUDIES. A CALIBRATION CURVE WAS OBTAINED BETWEEN CUMULATIVE VOLUME OUTFLOW VS. PRESSURE TRANSDUCER READING.	A	N	C
	ACQN/DEVL LOCATION : UE-25 UZN #14 UE-25 UZN #85 USGS HRF, NTS, NV					
**GS940108312213.008	CUMULATIVE INFILTRATION AND SURFACE FLUX VALUES CALCULATED AT SELECTED RING INFILTRATION EXPERIMENTAL LOCATIONS	03/09/93-04/30/93 06/08/93-07/06/93	PRESSURE TRANSDUCER CUMULATIVE INFILTRATION AND SURFACE FLUX MEASUREMENTS WERE CALCULATED IN CM AND CM/HOUR USING CALIBRATION EQUATIONS (FROM TRANSDUCER READINGS AND CUMULATIVE TIME MEASUREMENTS) .	D	N	C
	ACQN/DEVL LOCATION : USGS HRF, NTS, NV					
**GS940708312213.011	FIELD MEASURED SOIL WATER CONTENTS, FIELD MEASURED SOIL DIELECTRIC CONSTANTS, HYGROSCOPIC WATER CONTENTS, AND POROSITIES OF SAMPLES COLLECTED NEAR THE VICINITY OF UE-25 UZN#14 COMPRISING A TIME DOMAIN REFLECTOMETRY CALIBRATION DATA SET FOR CALCULATING SOIL WATER CONTENTS.	06/11/93-06/06/94	FIELD MEASURED SOIL WATER CONTENTS AND SOIL DIELECTRIC CONSTANTS, AS WELL AS HYGROSCOPIC WATER CONTENTS AND POROSITIES WERE MEASURED. THESE DATA WERE USED AS MODEL PARAMETER INPUTS FOR TIME DOMAIN REFLECTOMETRY CALIBRATION EQUATIONS USED TO CALCULATE SOIL WATER CONTENTS.	A	N	C
	ACQN/DEVL LOCATION : UE-25 UZN#14 USGS HRF, NTS, NV					

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*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 INFILTROMETER. 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	P
	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	P
	ACQN/DEVL LOCATION : UE-25 UZN#4 UE-25 UZN#5 UE-25 UZN#6 UE-25 UZN#7 UE-25 UZN#8					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.2.2.2.1						
**LA000000000062.001	HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE USW UZ-N11.	11/01/90-08/26/93	(1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS.	A	N	P
	ACQN/DEVL LOCATION : LANL					
**LA000000000062.002	HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE USW UZ-N27.	11/01/90-08/26/93	(1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS.	A	N	P
	ACQN/DEVL LOCATION : LANL					
**LA000000000062.003	HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE USW UZ-N37.	11/01/90-08/26/93	(1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS.	A	N	P
	ACQN/DEVL LOCATION : LANL					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**LA000000000062.004	HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE USW UZ-N53.	11/01/90-08/26/93	(1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5: (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS.	A	N	P
	ACQN/DEVL LOCATION : LANL					
**LA000000000062.005	HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE USW UZ-N54.	11/01/90-08/26/93	(1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS.	A	N	P
	ACQN/DEVL LOCATION : LANL					
**LA000000000062.006	HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE USW UZ-N55.	01/01/90-08/26/93	(1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS.	A	N	P
	ACQN/DEVL LOCATION : LANL					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**LA000000000062.007	HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE UE25 UZ-16.	01/01/90-08/26/93	(1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS.	A	N	P
	ACQN/DEVL LOCATION : LANL					
**LA000000000063.001	HALIDE AND CHLORINE ISOTOPIC ANALYSES OF COLLECTED SOILS FROM MIDWAY VALLEY PITS AND TRENCHES	01/01/90-08/26/93	(1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS.	A	N	P
	ACQN/DEVL LOCATION : LANL					
**LA000000000063.002	HALIDE ANALYSES OF SURFACE SOILS COLLECTED WITHIN THE PERIMETER DRIFT BOUNDARY	11/01/90-08/26/93	(1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5.	A	N	P
	ACQN/DEVL LOCATION : LANL					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**LA000000000064.001	HALIDE AND CHLORINE-36 ANALYSES OF GROUNDWATERS FROM THE SATURATED ZONE.	11/01/90-08/26/93	CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-95 AND ANALYZED BY ACCELERATOR MASS SPECTROMETRY AS COMMERICAL-GRADE ANALYSIS.	A	N	P
	ACQN/DEVL LOCATION : LANL					
**LA000000000065.001	HALIDE AND CHLORINE-36 ANALYSES OF ROCKS FROM THE NORTH STARTER TUNNEL.	11/01/90-08/26/93	(1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-95 AND ANALYZED BY ACCELERATOR MASS SPECTROMETRY AS COMMERICAL-GRADE ANALYSIS.	A	N	P
	ACQN/DEVL LOCATION : LANL					

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.2.2.3.2						
**GS930208312232.009	LITHOLOGIC CONTACT DATA FROM BOREHOLE USW UZ-6S. ACQN/DEVL LOCATION : USW UZ-6S	04/23/85-06/04/85	TV CAMERA LOGS, CORE SAMPLES & BIT CUTTING SAMPLES WERE USED TO PICK THE LITHOLOGIC CONTACTS. DATA WERE ACQUIRED DURING BOREHOLE CONSTRUCTION. .	A	N	C
**GS940108312232.003	PRESSURE, MASS FLOW MEASUREMENTS AND TEMPERATURE MEASUREMENTS FROM UE-25 UZ#16 BOREHOLE AIR INJECTION TESTING BETWEEN 11/3/93 AND 4/1/94. (SN-0033) ACQN/DEVL LOCATION : UE-25 UZ #16	11/03/93-04/01/94	DATA WERE ACQUIRED DURING AIR INJECTION TESTING IN UE-25 UZ #16, SN-0033 (HP-241T, R0), AIR PERMEABILITY TESTING, AND REDUCED TO ENGINEERING UNITS OF PRESSURE AND TEMPERATURE USING QUATTRO PRO.	A	Y	C
**GS940408312232.010	ELASTIC WAVE VELOCITY MEASUREMENTS IN PLUG CORE SAMPLES FROM BOREHOLE UE-25 UZ #16, YUCCA MOUNTAIN, NYE COUNTY, NEVADA ACQN/DEVL LOCATION : PBT, INC. GOLDEN, CO	06/01/93-07/27/93	DATA WERE DEVELOPED IN ACCORDANCE WITH GOOD SCIENTIFIC PRACTICES ACCORDING TO CONTRACT PURCHASE AGREEMENT (P.O. 162397-93)	A	Y	T
*GS941008312232.013	DATA, INCLUDING PRESSURE, TEMPERATURE AND WATER POTENTIAL, COLLECTED FROM THE HRF TEST BOREHOLES UE-25 HRF UZP#1, UE-25 HRF UZP#2A, AND UE-25 HRF UZP#3A ACQN/DEVL LOCATION : UE-25 HRFUZP#1 UE-25 HRFUZP#2A UE-25 HRFUZP#3A	04/01/94-09/30/94	DATA FROM THE HRF BOREHOLES WERE COLLECTED USING THE HDAS SOFTWARE PROGRAM AND EXTRACTED TO A BINARY STRUCTURE FOR DISPLAY.	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*GS941108312232.012	PRELIMINARY INVESTIGATION INTO MULTIPLE OFFSET, THREE COMPONENT VERTICAL SEISMIC PROFILE AT UE-25 UZ#16 BOREHOLE, YUCCA MOUNTAIN, NEVADA, BY A.H. BALCH, W. ZHUANG, AND C. ERDEMIR	08/01/93-01/01/94	DATA WERE DEVELOPED BY CROSS-CORRELATING RECORDED GEOPHONE DATA WITH SEISMIC WAVEFORMS AND BY THE USE OF DETECTOR OUTPUTS TO CALCULATE CORRELATION WAVEFORMS.	D	N	P
	ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO					
*GS941208312232.014	UE-25 UZ#16 BOREHOLE SEISMIC DATA	08/01/93-01/01/94	DATA DERIVED BY CROSS-CORRELATING RECORDED GEOPHONE DATA WITH SEISMIC WAVEFORMS AND BY THE USE OF DETECTOR OUTPUTS TO CALCULATE CORRELATION WAVEFORMS	D	N	P
	ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO					
Activity - 8.3.1.2.2.4.2						
*GS941108312242.002	PROTOTYPE PERCOLATION TEST: BASIC DATA REPORT ON 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 WELDED TUFF. 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	N	P
	ACQN/DEVL LOCATION : USGS-WRD LAB, DENVER, CO					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.2.2.6.1						
**GS910608312261.001	THE COMPOSITION AND CO2 CARBON ISOTOPE SIGNATURE OF GASES FROM BOREHOLE USW UZ-6, YUCCA MOUNTAIN, NEVADA, BY DONALD C THORSTENSON. ACQN/DEVL LOCATION : USGS, DENVER, CO	09/01/86-03/01/90	CHARACTERIZATION OF GASES BY CHEMICAL ANALYSIS.	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	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS931008312261.003	1. TEMP. DATA, DOWNHOLE, WELL USW UZ-6S FROM JAN. 22, 1993 TO FEB. 17, 1993; 2. BOREHOLE FLOW, DIRECTION, TEMPERATURE AND RELATIVE HUMIDITY DATA FROM WELL USW UZ-6S FROM MAY 25, 1993 TO OCT. 18, 1993; 3. SUBSURFACE FLOW DATA @ WELL USW UZ-16 ON MAY 27 AND JUNE 16, 1993	01/22/93-02/17/93 05/25/93-10/18/93 05/27/93-05/27/93 06/16/93-06/16/93	TECHNICAL PROCEDURES: 1. HP-175,R2,R2-M1 AND R3, METHOD FOR SURFACE MEASUREMENTS OF VELOCITY, DIRECTION, TEMPERATURE AND HUMIDITY OF CONVECTIVE AIRFLOW IN TOPOGRAPHICALLY-AFFECTED (VARYING) WELLS, HP-177,R1 AND R2, OPERATION OF A (SETRA MODEL 270) BAROMETRIC PRESSURE TRANSDUCER, AND HP-178,R0,R1,R1-M1 AND R2, PROCEDURE TO MEASURE TEMPERATURE, HUMIDITY, DIFFERENTIAL PRESSURE AND AIRFLOW AT SELECTED DEPTHS IN UZ BOREHOLE	A	Y	C
	ACQN/DEVL LOCATION : UE-25 UZ#16 USW UZ-6S					
**GS940608312261.001	FIRST AND SECOND QUARTER FY94 TRACER TEST DATA	09/28/93-12/10/93	DATA ACQUIRED USING SCIENTIFIC NOTEBOOK SN-0054, GAS-PHASE CIRCULATION TRACER TESTS; HP-160,R2, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY; HP-176,R2, PROCEDURE TO COLLECT GAS SAMPLES AT SELECTED DEPTH INTERVALS IN OPEN UNSATURATED ZONE BOREHOLES; HP-192,R2, SHALLOW SOIL GAS COLLECTION; HP-242,R1, METHOD FOR ANALYZING THE CONCENTRATION OF HALOCARBON GASES WITH AN ITI LEAKMETER 120; AND GCP-30,R0, CARBON DIOXIDE MEASUREMENT WITH EGM-1 AND WMA-2 PORTABLE IRGA.	A	Y	C
	ACQN/DEVL LOCATION : UZ HYDROCHEMISTRY MOBILE LABORATORY, AREA 25, NEVADA TEST SITE, NV					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS940608312261.003	DOES THE WIND BLOW THROUGH YUCCA MOUNTAIN?, BY E.P. WEEKS ACQN/DEVL LOCATION : USGS, DENVER, CO	06/01/90-12/31/90	STANDARD USGS REPORT PROCEDURES	D	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	C
**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	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS940708312261.006	BOREHOLE FLOW, DIRECTION, TEMPERATURE, AND RELATIVE HUMIDITY DATA FROM WELL USW UZ-6S FROM OCTOBER 22, 1993, TO MARCH 7, 1994.	10/18/93-03/07/94	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-175,R3, METHOD FOR SURFACE MEASUREMENTS OF VELOCITY, DIRECTION, TEMPERATURE, AND HUMIDITY OF CONVECTIVE AIRFLOW IN TOPOGRAPHICALLY-VARYING WELLS; HP-177,R2, OPERATION OF A BAROMETRIC PRESSURE TRANSDUCER; AND HP-178,R2, PROCEDURE TO MEASURE TEMPERATURE, HUMIDITY, DIFFERENTIAL PRESSURE, AND AIRFLOW AT SELECTED DEPTHS IN UZ BOREHOLE. REFERENCE USGS-QDR-94033.	A	Y	C
	ACQN/DEVL LOCATION : USW UZ-6S					
Activity - 8.3.1.2.2.7.1						
*GS940408312271.004	LABORATORY RESULTS OF CARBON 13/CARBON 12 ISOTOPE RATIO FROM GAS SAMPLES FROM BOREHOLE USW UZ-1 TAKEN 12/93	12/03/93-12/07/93	CARBON 13/CARBON 12 ANALYSIS BY JOE WHELAN AND STAFF, USGS, USING GCP-33,R0, EXTRACTION OF SOIL GAS CO2 FOR STABLE ISOTOPE ANALYSIS, AND GCP-16,R4, CARBON AND OXYGEN ISOTOPE ANALYSIS.	A	Y	P
	ACQN/DEVL LOCATION : USGS ISOTOPE GEOCHEMISTRY LAB, DENVER, CO					
*GS940408312271.011	LABORATORY RESULTS OF CARBON 13/CARBON 12 ISOTOPES RATIO FROM GAS SAMPLES FROM BOREHOLE UE-25 UZ#16 TAKEN 8/30 - 11/17/93	08/30/93-11/17/93	ANALYSIS BY JOE WHELAN AND STAFF, USGS, USING GCP-33,R0, EXTRACTION OF SOIL GAS CO2 FOR STABLE ISOTOPE ANALYSIS, AND GCP-16,R4, CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSIS.	A	Y	P
	ACQN/DEVL LOCATION : USGS ISOTOPE GEOCHEMISTRY LAB, DENVER, CO					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS940908312271.002	SF6 CONCENTRATIONS IN TEST FLASK ATMOSPHERE AT END OF ADSORPTION TEST USING CRUSHED VOLCANIC TUFF FROM UE-25 UZ#4 AND UE-25 UZ#5. ACQN/DEVL LOCATION : USGS, DENVER, CO	05/01/92-12/31/93	DATA WERE ACQUIRED USING USGS TECHNICAL PROCEDURES HP-160,R1 AND R2, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY; HP-210,R0, METHOD FOR CRUSHING TUFF NEEDED FOR TRACER TESTS.	A	Y	P
*GS940908312271.014	DENSITY, POROSITY, CATION EXCHANGE CAPACITY (CEC), SURFACE AREA DATA, MINERALOGICAL ANALYSES, TRACER GAS SORBED ONTO SAMPLES AND VALUES FOR THE CONSTANTS, CORRELATION COEFFICIENTS AND STANDARD ESTIMATE OF ERROR FOR THE FREUNDLICH ISOTHERM AND RETENTION EQUATIONS ACQN/DEVL LOCATION : CRYSTAL RESEARCH LABS, GOLDEN, CO USGS BRANCH OF GEOCHEMISTRY, DENVER, CO USGS NWQL, DENVER, CO USGS, DENVER, CO	10/01/92-12/31/93	PROTOTYPE TESTING METHODS AND STANDARD USGS AND OUTSIDE VENDOR LAB METHODS. (DENSITY DETERMINED BY MEASURING VOLUME & WEIGHING SAMPLE. POROSITY DETERMINED BY MEASURING VOLUME OF WATER ADDED TO ACHIEVE SATURATION. SURFACE AREA DETERMINED USING QUANTASORB SORPTION ANALYZER AND GEMINI 2360 SURFACE AREA ANALYZER. DETAILED DESCRIPTIONS OF PROCEDURES WILL BE FOUND IN RATTRAY ETAL, "ADSORPTION OF SULFUR HEXAFLUORIDE ONTO CRUSHED VOLCANIC TUFFS FROM YUCCA MOUNTAIN, NEVADA".)	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
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".	D	N	P
	ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY, BERKELEY, CA					
Activity - 8.3.1.2.2.9.3						
*GS911208312293.001	DEVELOPMENT OF A THREE-DIMENSIONAL SITE-SCALE MODEL..., BY C.S. WITTWER AND G.S. BODVARSSON, AND DESIGN OF A THREE-DIMENSIONAL SITE-SCALE MODEL FOR THE UNSATURATED ZONE AT YUCCA MOUNTAIN, NEVADA, BY C.S. WITTWER, G.S. BODVARSSON, M.P. CHORNACK, A.L. FLINT, L.E. FLINT, B.D. LEWIS, R.W. SPENGLER AND C.A. RAUTMAN	10/01/90-10/01/91	DEVELOPMENT OF PARAMETERS, ISOPACH MAPS AND OTHER ELEMENTS OF A THREE-DIMENSIONAL SITE-SCALE MODEL OF THE YUCCA MOUNTAIN UNSATURATED ZONE. THE GEOMETRY IS BASED ON GEOLOGICAL AND HYDROLOGICAL DATA, SUCH AS LITHOLOGIC LOGS, GROUND-WATER LEVEL DATA AND STRUCTURAL DATA FROM GEOLOGIC MAPS.	D	N	P
	ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY, BERKELEY, CA					
*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. CHORNACK, A. FLINT, L. FLINT, E. KWICKLIS, AND R. 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					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.2.3.1.2						
**GS930308312312.006	WATER-LEVEL ALTITUDE DATA FOR WELLS UE-25P #1 AND USW H-3. ACQN/DEVL LOCATION : USGS, DENVER, CO	07/01/92-12/18/92	WATER-LEVEL ALTITUDES CALCULATED USING THE RAW CALIBRATION DATA, MANUAL WATER-LEVEL MEASUREMENT DATA AND TRANSDUCER OUTPUT DATA. CALCULATIONS PERFORMED USING STANDARD STATISTICAL EQUATIONS.	D	Y	C
**GS930308312312.007	CALIBRATION REGRESSION DATA FOR CALIBRATIONS PERFORMED AT WELL USW H-5 ON 7/7/92 AND AT WELL USW H-6 ON 7/8/92. ACQN/DEVL LOCATION : USGS, DENVER, CO	07/01/92-12/18/92	CALIBRATION DATA REGRESSIONS PERFORMED USING STANDARD REGRESSION TECHNIQUES.	D	Y	C
**GS930408312312.013	RAW CALIBRATION DATA FROM UE-25P #1 AND UE-25 WT #13, FIRST QUARTER 1993 ONLY. ACQN/DEVL LOCATION : UE-25 WT #13 UE-25P #1	01/01/93-03/31/93	TRANSDUCER/DCP SYSTEMS CALIBRATED ACCORDING TO HP-196, R1, METHOD FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS.	A	Y	C
**GS930408312312.014	DEVELOPED WATER-LEVEL DATA, SELECTED WELLS, FIRST QUARTER 1993 ONLY. DEVELOPED DATA IS COMPOSED OF WATER-LEVEL ALTITUDE WORKSHEETS AND CALIBRATION REGRESSION ANALYSES. ACQN/DEVL LOCATION : USGS, DENVER, CO	04/01/93-04/07/93	RAW WATER-LEVEL DATA CORRECTED FOR STRETCH, EXPANSION AND BOREHOLE DEVIATION AND AN ALTITUDE OF THE WATER TABLE ABOVE SEA LEVEL WAS CALCULATED. REGRESSIONS PERFORMED ON RAW CALIBRATION DATA USING STANDARD STATISTICAL TECHNIQUES.	D	Y	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS930708312312.020	RAW CALIBRATION DATA FROM WELLS UE-25P #1 AND UE-25 WT #13, SECOND QUARTER 1993 ONLY. ACQN/DEVL LOCATION : UE-25 WT #13 UE-25P #1	04/01/93-06/30/93	TRANSDUCER/DCP SYSTEMS CALIBRATED ACCORDING TO HP-196,R1, METHOD FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS.	A	Y	C
**GS930708312312.021	DEVELOPED WATER-LEVEL DATA, SELECTED WELLS, SECOND QUARTER 1993 ONLY. DEVELOPED DATA IS COMPOSED OF WATER-LEVEL ALTITUDE WORKSHEETS AND CALIBRATION REGRESSION ANALYSES. ACQN/DEVL LOCATION : USGS, DENVER, CO	07/01/93-07/07/93	RAW WATER-LEVEL DATA CORRECTED FOR STRETCH, EXPANSION AND BOREHOLE DEVIATION AND AN ALTITUDE OF THE WATER TABLE ABOVE SEA LEVEL WAS CALCULATED. REGRESSIONS PERFORMED ON CALIBRATION DATA USING STANDARD STATISTICAL TECHNIQUES.	D	Y	C
**GS931008312312.023	RAW TRANSDUCER CALIBRATION DATA, WELLS UE-25P #1 AND UE-25 WT #13, 3RD QUARTER 1993 ONLY. ACQN/DEVL LOCATION : UE-25 WT #13 UE-25P #1	07/01/93-10/01/93	DATA COLLECTED ACCORDING TO HP-60,R3, METHOD FOR MONITORING WATER LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS, AND HP-196,R1, METHOD FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS.	A	Y	C
**GS931008312312.024	DEVELOPED WATER LEVEL DATA CONSISTING OF WATER-LEVEL WORKSHEETS AND CALIBRATION REGRESSIONS FOR DATA COLLECTED AT SELECTED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA. THIRD QUARTER ONLY, 1993. ACQN/DEVL LOCATION : USGS, DENVER, CO	10/01/93-10/07/93	WATER LEVEL DATA DEVELOPED USING STANDARD STATISTICAL TECHNIQUES.	D	Y	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS940108312312.001	WATER LEVELS AT WELLS J-11 AND J-12, 1989-91, YUCCA MOUNTAIN AREA, NEVADA, BY M.S. BOUCHER ACQN/DEVL LOCATION : USGS, DENVER, CO	04/01/93-10/01/93	MANUAL WATER-LEVEL MEASUREMENT DATA CONVERTED TO WATER-LEVEL-ALTITUDE-ABOVE-SEA-LEVEL DATA USING SIMPLE MATHEMATIC CONVERSIONS.	D	N	C
**GS940708312312.010	WATER-LEVEL ALTITUDE DATA, PERIODIC NETWORK, SECOND QUARTER, 1994 ACQN/DEVL LOCATION : UE-25 B#1 UE-25 J#11 UE-25 J#12 UE-25 J#13 UE-25 WT#12 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-3 USW H-1 USW H-6 USW UZ-14 USW VH-1 USW WT-1 USW WT-10 USW WT-7	04/01/94-06/30/94	HP-75,R1, "METHOD FOR MEASURING WATER-LEVELS IN WELLS USING REELED (2600 AND 2800 FT) STEEL TAPES," AND HP-25,R1, "METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR CABLE."	A	N	T

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS940908312312.011	WATER-LEVEL ALTITUDE DATA FROM CONTINUOUS-NETWORK WELLS, 1993	01/01/93-12/31/93	RAW TRANSDUCER MILLIVOLT VALUES CONVERTED TO WATER-LEVEL ALTITUDE ABOVE SEA LEVEL DATA USING STANDARD STATISTICAL TECHNIQUES. TECHNICAL PROCEDURES HP-60,R2 AND R3, METHOD FOR MONITORING WATER LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS; HP-71,R0, METHOD FOR MONITORING WATER-LEVEL CHANGES USING A CAMPBELL SCIENTIFIC 21X MICROLOGGER; HP-196,R1, METHOD FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS	A	Y	C
	ACQN/DEVL LOCATION : UE-25 B#1 UE-25 P#1 UE-25 WT#13 UE-25 WT#3 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2					
*GS941008312312.012	WATER-LEVEL ALTITUDE DATA FROM THE PERIODIC NETWORK, THIRD QUARTER 1994.	07/01/94-09/30/94	DEPTH-TO-WATER COLLECTED USING HP-75,R1, "METHOD FOR MEASURING WATER-LEVELS IN WELL USING REELED (2600 AND 2800 FT) STEEL TAPES," AND HP-25,R1 AND R2, "METHOD FOR MEASURING DEPTH-TO-WATER WITH A CABLE UNIT." WATER-LEVEL ALTITUDE CALCULATED USING STANDARD MATHEMATICAL TECHNIQUES.	A	N	P
	ACQN/DEVL LOCATION : SD-9 UE-25 B#1 UE-25 J#-11 UE-25 J#12 UE-25 J#13 UE-25 WT#12 UE-25 WT#13 UE-25 WT#15					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
	UE-25 WT#16 UE-25 WT#17 UE-25 WT#18 UE-25 WT#3 UE-25 WT#6 USW G-3 USW H-1 USW H-3 USW H-4 USW UZ-14 USW VH-1 USW WT-11 USW WT-2 USW WT-7					
Activity - 8.3.1.2.3.1.3						
**GS910508312313.005	MONITORING OF WATER-LEVEL RESPONSE TO AN UNDERGROUND NUCLEAR EXPLOSION ON 4/4/91 AND TO AN EARTHQUAKE ON 4/23/91. ACQN/DEVL LOCATION : UE25B-1 USW H-1	04/04/91-04/23/91	FLUID-PRESSURE AND/OR WATER-LEVEL DATA COLLECTED USING A TRANSDUCER-ANALOG STRIPCHART RECORDER SYSTEM.	A	N	C
**GS910908312313.006	MONITORING OF WATER-LEVEL RESPONSE TO AN EARTHQUAKE ON AUGUST 16, 1991. ACQN/DEVL LOCATION : USW H-4	05/24/91-08/28/91	FLUID-PRESSURE AND/OR WATER-LEVEL DATA COLLECTED USING A TRANSDUCER-ANALOG STRIPCHART RECORDER SYSTEM.	A	N	C
**GS911108312313.008	MONITORING OF WATER-LEVEL RESPONSE TO A UNE ON OCTOBER 18, 1991. ACQN/DEVL LOCATION : USW H-4	08/28/91-11/21/91	FLUID-PRESSURE AND/OR WATER-LEVEL DATA COLLECTED USING A TRANSDUCER-ANALOG STRIPCHART RECORDER SYSTEM.	A	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS940708312313.001	HYDRAULIC HEAD DATA COLLECTED BETWEEN 1/20/94 AND 4/6/94 AT THE C-HOLE COMPLEX, NTS, NEVADA	01/20/94-04/06/94	DATA COLLECTED USING PRESSURE TRANSDUCERS CONNECTED TO A DATA ACQUISITION SYSTEM. DATA COLLECTION CONTROLLED BY SCIENTIFIC NOTEBOOK SN-0036, PERFORMING VARIOUS HYDRAULIC TRACER TESTS USING PROTOTYPE PRESSURE TRANSDUCER AND PACKER ASSEMBLIES.	A	Y	C
	ACQN/DEVL LOCATION : UE-25 C#1 UE-25 C#2 UE-25 C#3					
Activity - 8.3.1.2.3.2.2						
**GS940308312322.001	HYDROCHEMICAL DATA BASE FOR THE DEATH VALLEY REGION, BY D.L. PERFECT, C.C. FAUNT, W.C. STEINKAMPF, AND A.K. TURNER.	08/01/93-02/25/94	EXISTING HYDROCHEMICAL DATA WAS OBTAINED AND INPUT INTO A DATA BASE. THE REPORT DETAILS HOW THE DATA BASE WAS CONSTRUCTED, WHAT IT CONTAINS, HOW IT WAS EDITED, AS WELL AS OTHER INFORMATION SUCH AS LIMITATIONS, ETC.	D	N	C
	ACQN/DEVL LOCATION : USGS, DENVER, CO					
**GS940708312322.002	FIELD, CHEMICAL AND ISOTOPIC DATA DESCRIBING WATER SAMPLES COLLECTED FROM EIGHT SPRINGS AND ONE STREAM WITHIN DEATH VALLEY NATIONAL MONUMENT IN MARCH AND MAY 1993	03/15/93-06/30/94	SAMPLES COLLECTED ACCORDING TO HP-23,R2, "COLLECTION AND FIELD ANALYSIS OF GROUND-WATER SAMPLES FROM SATURATED ZONE."	A	Y	T
	ACQN/DEVL LOCATION : 35 40'53"N 116 25'18"W 35 57'13"N 116 35'04"W 36 30'45"N 116 49'16"W 36 58'09"N 116 58'38"W 36 35'58"N 117 00'46"W 36 50'34"N 117 05'35"W 37 01'56"N 117 19'29"W 37 01'23"N 117 23'02"W 37 01'39"N 117 23'07"W NATIONAL OCEAN SCIENCE AMS FACILITY, MA USGS NWQL, DENVER, CO					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.2.3.2.3						
**GS930908312323.003	HYDROCHEMICAL DATA FROM FIELD TESTS AND LAB ANALYSES OF WATER SAMPLES COLLECTED AT FIELD STATIONS USW VH-1, JF3, UE-29 UZN#91, VIRGIN SPRING, NEVARES SPRING, UE-25 J#12, UE-25 J#13, UE-22 ARMY#1, AND USW UZ-14	03/05/92-07/22/94	SAMPLES COLLECTED ACCORDING TO HP-23,R2 AND R3, "COLLECTION AND FIELD ANALYSIS OF GROUND-WATER SAMPLES FROM SATURATED ZONE," AND HP-225,R0, "METHODS USED TO COLLECT AND ANALYZE GROUND-WATER AND SURFACE-WATER SAMPLES." SAMPLES ANALYZED USING STANDARD USGS NWQL PROCEDURES AND LANL QA PROCEDURES.	A	Y	C
	ACQN/DEVL LOCATION : 36 56'24"N 116 22'29"W 36 30'47"N 116 49'16"W JF3 LANL UE-22 ARMY#1 UE-25 J#12 UE-25 J#13 UE-29 UZN#91 USGS NWQL, DENVER, CO USW UZ-14 USW VH-1					
Activity - 8.3.1.3.1.1						
**LA000000000038.001	GROUNDWATER CHEMISTRY ALONG FLOW PATHS BETWEEN A PROPOSED REPOSITORY SITE AND THE ACCESSIBLE ENVIRONMENT	01/01/90-03/30/90	LITERATURE SEARCH OF WELL-WATER CHEMICAL ANALYSIS DATA FROM YUCCA MOUNTAIN AND VICINITY	D	N	T
	ACQN/DEVL LOCATION : LANL					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.3.2.1						
**SNSAND81197000.000	SAND81-1970: "PETROLOGY AND GEOCHEMISTRY OF THE GROUSE CANYON MEMBER OF THE BELTED RANGE TUFF, ROCK-MECHANICS DRIFT, U12G-TUNNEL, NEVADA TEST SITE". NNA.900702.0024	11/07/80-04/01/83	THE STUDY IS BASED ON SUITE OF 16 SAMPLES COLLECTED 11/07/80, FROM THE LEFT RIB OF THE ROCK-MECHANICS DRIFT (RMD), AND ON 4 SUPPLEMENTAL SAMPLES COLLECTED 03/25/81, FROM HOLE U12G-RM-P1. THE ANALYTICAL TECHNIQUES USED ON VARIOUS ROCK TYPES INCLUDE TRANSMITTED- AND REFLECTED-LIGHT MICROSCOPY, WHOLE-ROCK CHEMICAL ANALYSES, X-RAY DIFFRACTION OF CLAYS & ZEOLITES, ELECTRON-MICROPROBE ANALYSIS OF GLASS, AND COMBINED SCANNING-ELECTRON MICROSCOPY (SEM) AND ENERGY-DISPERSIVE X-RAY ANALYSIS.	D	N	C
	ACQN/DEVL LOCATION : SNL & UNIVERSITY OF NM, ALBUQUERQUE, NM					
**SNSAND84106000.000	SAND84-1060: "PETROLOGY AND GEOCHEMISTRY OF SAMPLES FROM BED-CONTACT ZONES IN TUNNEL BED 5, U12G-TUNNEL, NEVADA TEST SITE". NNA.900810.0672	06/24/81-10/01/84	THIS REPORT SUMMARIZES THE RESULTS OF DETAILED PETROLOGIC AND GEOCHEMICAL STUDIES OF SEVERAL SAMPLES FROM BED-CONTACT ZONES WITHIN TUNNEL BED 5 IN THE U12G-TUNNEL. ANALYTICAL TECHNIQUES EMPLOYED INCLUDE TRANSMITTED AND REFLECTED LIGHT MICROSCOPY, ELECTRON MICROPROBE ANALYSIS OF MINERAL PHASES; SCANNING ELECTRON MICROSCOPY (SEM), WHOLE-ROCK CHEMICAL ANALYSIS; AND QUALITATIVE X-RAY DIFFRACTION ANALYSIS.	D	N	C
	ACQN/DEVL LOCATION : SNL & UNIVERSITY OF NM, ALBUQUERQUE, NM					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.3.2.1.2						
**LA000000000014.001	CALCITE DEPOSITS IN DRILL CORES USW G-2 AND USW GU-3/G-3 AT YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	02/07/91-06/30/92	PETROGRAPHY, INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS, AND ELECTRON MICRO-PROBE ANALYSIS	A	Y	C
**LA000000000015.001	GEOLOGIC EVALUATION OF SIX NONWELDED TUFF SITES FOR A SURFACE-BASED TEST FACILITY FOR THE YUCCA MOUNTAIN PROJECT ACQN/DEVL LOCATION : LANL	03/01/90-02/21/91	MODAL POINT COUNTS, X-RAY DIFFRACTION, NEUTRON ACTIVATION ANALYSIS, ATOMIC ABSORPTION SPECTROPHOTOMETRY, X-RAY FLUORESCENCE, LOSS ON IGNITION, PHOSPHOMOLYBDATE COLORIMETRY, AND FIELD OBSERVATIONS.	A	N	C
**LA000000000015.002	GEOLOGICAL EVALUATION OF SIX NON-WELDED TUFF SITES IN THE VICINITY OF YUCCA MOUNTAIN, NEVADA, FOR A SURFACED BASED TEST FACILITY FOR THE YUCCA MOUNTAIN PROJECT. ACQN/DEVL LOCATION : LANL	03/01/91-02/28/93	X-RAY DIFFRACTION, MODAL PETROGRAPHY AND CHEMISTRY.	D	N	T
**LA000000000025.001	CALCITE DEPOSITS IN FRACTURES AT YUCCA MOUNTAIN MOUNTAIN NEVADA ACQN/DEVL LOCATION : LANL	12/06/90-10/28/92	PETROGRAPHY (TWS-EES-DP-03,R3) MICROPROBE (LANL-EES-DO-07,R4) AND INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS (WASHINGTON UNIVERSITY)	A	N	P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*LA000000000109.001	EOLIAN-DEPOSITED MINERALS AROUND DRILL HOLE USW SD-9, YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	02/01/93-10/30/94	DUST SAMPLES COLLECTED IN AROUND YUCCA MOUNTAIN. DUST ANALYZED USING QUANTITATIVE POWDER X-RAY DIFFRACTION AND SCANNING ELECTRON MICROSCOPY	A	Y	P
*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	P
*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	P
*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	P
*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	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*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	P
*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	P
*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	P
*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	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.3.2.2.1						
**LA000000000016.001	PEDOGENESIS OF SILICEOUS CALCRETES OF YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	08/30/87-05/08/92	PETROGRAPHY, XRD, SEM, AND INAA ANALYSIS	A	N	P
**LA000000000016.002	PEDOGENESIS OF SILICEOUS CALCRETES OF YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	08/30/87-06/16/92	PETROGRAPHY, XRD, SEM AND INAA ANALYSIS	D	N	P
**LA000000000022.001	BEDROCK BRECCIAS ALONG FAULT ZONES NEAR YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	11/05/84-11/20/90	ELECTRON MICROPROBE, SCORNING, ELECTRON MICROSCOPE, X-RAY DIFFRACTION, OPTICAL MICROSCOPY, FIELD OBSERVATION	A	N	P
**LA000000000023.001	PRELIMINARY ASSESSMENT OF CLINOPTILOLITE K/AR RESULTS FROM YUCCA MOUNTAIN NEVADA ,USA; A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE. ACQN/DEVL LOCATION : CASE WESTERN RESERVE UNIVERSITY, CLEVELAND, OH LANL	08/01/89-10/30/91	XRD ANALYSIS, POTASSIUM ANALYSIS BY FLAME PHOTOMETER, ARGON ANALYSIS BY MASS SPECTROMETER AND MINERAL SEPARATION IN DEIONIZED WATER AND HEAVY LIQUIDS	A	N	C
**LA000000000023.002	MINERALOGY AND CLINOPTILOLITE K/AR RESULTS FROM YUCCA MOUNTAIN, NEVADA, USA; A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE ACQN/DEVL LOCATION : CASE WESTERN RESERVE UNIVERSITY, CLEVELAND, OH LANL	11/01/91-12/10/92	SECONDARY MINERALS SEPARATED BY SEDIMENTATION AND HEAVY LIQUIDS AND IDENTIFIED BY X-RAY DIFFRACTION AND SCANNING ELECTRON MICROSCOPY. POTASSIUM AND ARGON CONTENTS OF CLINOPTILOLITES DETERMINED BY FLAME PHOTOMETER AND MASS SPECTROMETER, RESPECTIVELY (TWS-EES-1-10-91-4). APPARENT AGES CALCULATED FROM POTASSIUM AND ARGON DATA.	D	N	T

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**LA000000000057.001	K/AR DATING OF CLINOPTILOLITE, MORDENITE, AND ASSOCIATED CLAYS FROM YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	03/15/92-05/15/92	SUMMARIZED VERSION OF MILESTONE 3142 REVISED AND MODIFIED WITH ADDITIONAL K/AR DATA ON MORDENITE AND CLAYS.	D	N	P
Activity - 8.3.1.3.4.1						
**LA000000000032.001	DEPENDENCE OF RADIONUCLIDE SORPTION ON SAMPLE GRINDING SURFACE AREA AND WATER COMPOSITION. ACQN/DEVL LOCATION : LANL	05/23/90-12/08/92	BATCH SORPTION MEASUREMENTS FOLLOWING TWS-INC-DP-05,R2.	A	N	P
Activity - 8.3.1.3.4.1.1						
*LA000000000098.001	EFFECT OF ORGANIC COATINGS ON RADIONUCLIDE SORPTION ACQN/DEVL LOCATION : LANL	01/22/93-09/01/94	LANL-CST-DP-86; R0 "SORPTION AND DESORPTION DETERMINATIONS BY A BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK"; LANL-INC-DP-89; R0 "PROCEDURE FOR SIEVING SOIL AND ROCK SAMPLES"; LANL NOTEBOOK TWS-INC-03-93-01 PAGES A4-A11	A	Y	P
*LA000000000104.001	REPORT ON RADIONUCLIDE SORPTION IN YUCCA MOUNTAIN TUFFS WITH J-13 WELL WATER: NEPTUNIUM, URANIUM, AND PLUTONIUM ACQN/DEVL LOCATION : LANL	06/11/93-10/11/94	LANL-CST-DP-86 "SORPTION AND DESORPTION DETERMINATIONS BY A BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK" LANL-CST-DP-100 "SORPTION AND DESORPTION DETERMINATIONS BY A BATCH SAMPLE TECHNIQUE WITHIN THE CONTROLLED ATMOSPHERE OF A GLOVEBOX FOR THE DYNAMIC TRANSPORT TASK" LANL-INC-DP-35 "PH MEASUREMENT" LANL NOTEBOOK TWS-INC-03-93-01 PAGE A4	A	Y	P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.3.5.1.1						
**LA000000000012.001	MEASURED SOLUBILITIES AND SPECIATIONS OF NEPTUNIUM, PLUTONIUM, AND AMERICIUM IN A TYPICAL GROUNDWATER (J-13) FROM THE YUCCA MOUNTAIN REGION ACQN/DEVL LOCATION : LBL	10/01/85-09/30/91	THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENT FROM OVERSATURATION	A	N	P
**LA000000000012.002	MEASURED SOLUBILITIES AND SPECIATIONS OF NEPTUNIUM, PLUTONIUM, AND AMERICIUM IN A TYPICAL GROUNDWATER (J-13) FROM THE YUCCA MOUNTAIN REGION ACQN/DEVL LOCATION : LBL	10/01/91-08/24/92	THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENT FROM OVERSATURATION	D	N	T
**LA000000000053.001	ACTINIDE (IV) AND ACTINIDE (VI) CARBONATE SPECIATION STUDIES BY PAS AND NMR SPECTROSCOPIES. ACQN/DEVL LOCATION : LANL	07/09/90-01/07/93	PULSED-LASER PHOTOACOUSTIC SPECTROSCOPY (PAS) AND FOURIER-TRANSFORM NUCLEARMAGNETIC RESONANCE (NMR) SPECTROSCOPY HAVE BEEN EMPLOYED TO STUDY THE SPECIATION OF ACTINIDE (IV) AND (VI) IONS.	D	N	T

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.3.5.1.2						
*LA000000000105.001	REPORT ON NEPTUNIUM SPECIATION BY NMR AND OPTICAL SPECTROSCOPIES	10/01/93-09/30/94	LANL-INC-DP-35; R2 "PH MEASUREMENT" LANL-INC-DP-78; R1 "THE PREPARATION OF SOLUTIONS OF PURE OXIDATION STATES OF NEPTUNIUM, PLUTONIUM, AND AMERICIUM" LANL-INC-DP-85; R0 "DETERMINING UV-VIS-NIR ABSORPTION AND DIFFUSE REFLECTANCE SPECTRA"	A	Y	P
	ACQN/DEVL LOCATION : LANL					
Activity - 8.3.1.3.6.1.1						
**LA000000000005.001	RADIONUCLIDE MIGRATION LABORATORY STUDIES FOR VALIDATION OF BATCH SORPTION STUDIES DATA	05/01/85-09/30/90	BATCH SORPTION EXPERIMENTS; COLUMN EXPERIMENTS WITH CRUSHED TUFF AND PURE MINERALS AND SOLID TUFF; DIFFUSION EXPERIMENTS UTILIZING SOLID TUFF FOLLOWING LANL/YMP DP'S 15, 86, 61, 35, 60, 62, 63, 66, AND 67. WORK IS INTENDED TO VALIDATE BATCH SORPTION DATA UTILIZING LABORATORY TRANSPORT EXPERIMENTS UNDER ADVECTIVE DIFFUSIVE CONDITIONS.	D	N	P
	ACQN/DEVL LOCATION : LANL					
**LA000000000006.001	LABORATORY STUDIES OF RADIONUCLIDES MIGRATION IN TUFF.	01/01/82-09/30/89	WORK UTILIZED COLUMN EXPERIMENTS WITH CRUSHED SOLID AND FRACTURED TUFF.	D	N	P
	ACQN/DEVL LOCATION : LANL					

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**LA000000000008.001	ACTINIDE BEHAVIOR ON CRUSHED ROCK COLUMNS.	01/01/88-06/30/92	CRUSHED TUFF COLUMNS WERE UTILIZED FOLLOWING LANL/YMP DP 15, 35, 62 AND 63. THE WORK DESCRIBES THE TRANSPORT OF ACTINIDES IN CRUSHED TUFF COLUMNS.	D	N	P
	ACQN/DEVL LOCATION : LANL					
**LA000000000009.001	RADIONUCLIDE MIGRATION AS A FUNCTION OF MINERALOGY.	04/01/90-04/30/91	BATCH SORPTION EXPERIMENTS AND COLUMNS WITH CRUSHED PURE MINERALS WERE UTILIZED FOLLOWING LANL/YMP DP'S 86, 15, 35, 62, & 63 TO STUDY MIGRATION OF RADIONUCLIDES AS A FUNCTION OF MINERALOGY.	D	N	P
	ACQN/DEVL LOCATION : LANL					
**LA000000000010.001	THE ELUTIONS OF RADIONUCLIDES THROUGH COLUMNS OF CRUSHED ROCK FROM THE NEVADA TEST SITE.	10/01/76-10/30/92	THIS WORK UTILIZED CRUSHED ROCK COLUMNS FOLLOWING LANL/YMP DETAILED PROCEDURE 15 AND DESCRIBES THE ELUTIONS OF RADIONUCLIDES THROUGH COLUMNS OF CRUSHED TUFF, GRANITE, AND ARGILLITE.	D	N	P
	ACQN/DEVL LOCATION : LANL					
*LA000000000106.001	REPORT ON THE STUDY OF KINETIC EFFECTS USING CRUSHED TUFF COLUMNS: NEPTUNIUM IN SODIUM BICARBONATE WATERS	09/28/93-10/11/94	LANL-CST-DP-86; R0 "SORPTION AND DESORPTION DETERMINATIONS BY A BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK" LANL-INC-DP-35; R2 "PH MEASUREMENT" LANL NOTEBOOK TWS-INC-03-93-01 PAGE A4 LANL-INC-DP-15; R3 "CRUSHED ROCK COLUMNS STUDIES"	A	Y	P
	ACQN/DEVL LOCATION : LANL					

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.3.6.1.2						
*LA000000000107.001	UTILIZATION OF AUTORADIOGRAPHY TO STUDY THE EFFECTS OF FRACTURE COATINGS ON RADIONUCLIDE TRANSPORT ACQN/DEVL LOCATION : LANL	07/29/93-10/17/94	LANL NOTEBOOK LA-CST10-NBK-94-005 "YMP AUTORADIOGRAM"	A	Y	P
Activity - 8.3.1.3.6.2.2						
**LA000000000007.001	DIFFUSION OF NONSORBING TRACERS IN YUCCA MOUNTAIN TUFF. ACQN/DEVL LOCATION : LANL	05/01/85-11/30/87	FOLLOWED LANL/YMP DP'S 66, 62, 35, AND 60. DIFFUSION OF NONSORBING RADIONUCLIDES INTO SATURATED TUFF WAS STUDIED USING DIFFUSION CELLS.	D	N	P
Activity - 8.3.1.4.1.2						
**TMUE25UZ160094.001	VERTICAL SEISMIC PROFILE (VSP) OF UE-25 UZ-16 (JOB ID #93-UZ16-01) PERFORMED BY SCHLUMBERGER WELL SERVICES ON 8/3/93 THROUGH 8/6/93. DATA CONSISTS OF 2 TAPES: 1 TAPE OF BOLT OMNIPULSE DATA AND 1 TAPE OF IVI MINIVIBE DATA. ACQN/DEVL LOCATION : N760.535.17(N) E564,857.52(N) 52' TO 1686'	08/03/93-08/06/93	GEOPHYSICAL LOGGING DATA COLLECTED USING PROCEDURE AP-S.III.1-Q, REV. 0, ICN 0, 6/11/93, "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FIELD VERIFICATION OF GEOPHYSICAL LOGGING OPERATIONS"	A	Y	C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.4.2.1.1						
**GS900908314211.012	STRATIGRAPHIC CORRELATION AND PETROGRAPHY OF THE BEDDED TUFFS, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY S.F. DIEHL & M.P. CHORNACK. ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/88-12/29/88	USGS STANDARD METHODS. DETAILED FIELD, PETROLOGIC, AND SCANNING ELECTRON MICROSCOPIC EXAMINATION OF COMPONENTS AND INTERNAL STRUCTURES OF BEDDED TUFFS. DENSITY AND POROSITY VALUES FOR PYROCLASTIC-FALL AND NONWELDED PYROCLASTIC-FLOW DEPOSITS FROM THE BASE OF THE TIVA CANYON MEMBER OF THE PAINTBRUSH TUFF TO THE BASE OF THE TRAM MEMBER OF THE CRATER FLAT TUFF.	D	N	T
**GS930708314211.031	PRELIMINARY LITHOLOGIC LOG OF TEST HOLE USW UZ-7, NEVADA. THESE DATA SUPERSEDE METRIC CONVERSIONS IN LITHOLOGIC LOG, TABLE 3, USGS OFR 88-465, PREVIOUSLY IDENTIFIED BY GS900908312232.001 ACQN/DEVL LOCATION : USGS, DENVER, CO	05/17/85-07/31/85	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE DRILLED PRIOR TO MAY 1985. INVESTIGATOR USED X-RAY ANALYSIS, THIN SECTIONS AND SCIENTIFIC OBSERVATIONS.	A	N	C
**GS931208314211.047	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE UE-25 UZ #16, VERSION 1.0. A PORTION OF THESE DATA ARE SUPERSEDED BY DTN GS940608314211.026 AND GS940608314211.023. ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY	01/01/93-11/18/93	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP.	A	Y	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS940308314211.011	TABLE OF CONTACTS IN BOREHOLE USW UZ-N38 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	C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY					
**GS940308314211.016	TABLE OF CONTACTS IN BOREHOLE USW UZN-64, 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	C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY					
**GS940308314211.017	TABLE OF CONTACTS 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	C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY					
**GS940308314211.018	TABLE OF CONTACTS 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	C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY					

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS940308314211.019	TABLE OF CONTACTS 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	C
	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	C
	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. THESE DATA SUPERSEDE A PORTION OF THE DATA PREVIOUSLY IDENTIFIED BY DTN GS931208314211.047.	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	C
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV					
**GS940608314211.024	LITHOSTRATIGRAPHIC DATA FOR THE PROW PASS TUFF IN USW UZ-14 BY T.C. MOYER.	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	C
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV					

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**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. ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	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	C
**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. ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	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	C
**GS940608314211.027	LITHOSTRATIGRAPHIC DATA FOR THE CALICO HILLS FORMATION IN USW UZ-14 BY J.K. GESLIN. ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	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	C
**GS940608314211.029	X-RAY FLUORESCENCE ELEMENTAL COMPOSITIONS DETERMINED 3/23/94 TO 3/25/94. ACQN/DEVL LOCATION : USGS, DENVER, CO	03/23/94-03/25/94	USGS TECHNICAL PROCEDURE GCP-25, R0 DETERMINATION OF CHEMICAL COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY	A	Y	C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS940708314211.033	MEASURED SECTION RPD92PCMS-1 OF THE CALICO HILLS FORMATION OF THE UPPER PAINTBRUSH CANYON	05/21/92-05/22/92	TECHNICAL PROCEDURE NWM-USGS GP-01,R2, GEOLOGIC MAPPING	A	Y	C
	ACQN/DEVL LOCATION : N785000(N) E572500(N) ;N787500(N) E577500(N) N786850(N) E573800(N) N786500(N) E576000(N) TRACE BETWEEN THE TWO GIVEN POINTS WITHIN THE GIVEN AREA-SEE MAP IN PKG.					
*GS941008314211.049	GRAPHICAL LITHOLOGIC LOG FOR BOREHOLE USW UZ-N32, SURFACE TO TOTAL DEPTH VERSION(S) 1.(N), BY J. GESLIN	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	P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY					
*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	P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY					
*GS941008314211.051	GRAPHICAL LITHOLOGIC LOG FOR BOREHOLE USW UZ-N31, VERSION(S) 1.(N), BY J. GESLIN	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	P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*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	P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY					
*GS941108314211.053	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	P
	ACQN/DEVL LOCATION : USGS, DENVER, CO					
*GS941108314211.054	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	P
	ACQN/DEVL LOCATION : USGS, DENVER, CO					
*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	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	P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*GS941108314211.056	TWO ISOPACH MAPS OF THE PROW PASS TUFF AND CALICO HILLS FORMATION DEVELOPED 10/21/94 FOR THE LITHOSTRATIGRAPHIC SYNTHESIS LYNX COMPUTER MODEL OF YUCCA MOUNTAIN STRATIGRAPHY AND STRUCTURE, BY T.C. MOYER AND J.K. GESLIN. ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	10/21/94-10/21/94	THESE ISOPACH MAPS WERE DEVELOPED FROM INTERPRETATIONS OF DRILLHOLE, SURFACE MAP INFORMATION AND FIELD OBSERVATIONS. LINEAR INTERPOLATION WAS USED THROUGHOUT THEIR DEVELOPMENT. REGIONAL STRUCTURE MAPS WERE CONSULTED WHEN INTERPRETING MAP BOUNDARIES.	D	N	P
*GS941208314211.060	SUMMARY OF LITHOLOGIC LOGGING OF NEW AND EXISTING BOREHOLES AT YUCCA MOUNTAIN, NEVADA, JULY 1994 TO NOVEMBER 1994, BY T.C. MOYER, J.K. GESLIN AND D.C. BUESCH. ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	11/01/94-11/30/94	THIS WAS DEVELOPED FROM THE ANALYSES OF LITHOLOGIC LOGS FROM CORE/DRILLHOLE DATA COLLECTED IN FY-94 FROM ROCK CHARACTERISTICS ACTIVITIES.	D	Y	P
*GS941208314211.061	11 STRUCTURE CONTOUR MAPS FROM THE LITHOSTRATIGRAPHIC SYNTHESIS LYNX COMPUTER MODEL OF YUCCA MOUNTAIN STRATIGRAPHY AND STRUCTURE VERSION YMP.R1.1, BY JIM NELSON AND CARMA SAN JUAN ACQN/DEVL LOCATION : USGS, DENVER, CO	11/07/94-11/08/94	THE HAND DRAWN STRUCTURE CONTOUR MAP OF THE TIVA CANYON TUFF AND HAND DRAWN ISOPACHS WERE PRODUCED AND INPUT INTO THE LYNX GEOSYSTEMS MODELING SOFTWARE VERSION 1.09. THE 11 STRUCTURE CONTOUR MAPS WERE THEN GENERATED IN DESCENDING ORDER.	D	N	P
*GS941208314211.062	FAULT BLOCK BOUNDING OFFSET MAP FOR THE 3D LITHOSTRATIGRAPHIC MODEL ACQN/DEVL LOCATION : USGS, DENVER, CO	07/14/94-07/14/94	USING "PRELIMINARY GEOLOGIC MAP OF YUCCA MOUNTAIN, NYE COUNTY, NEVADA, WITH GEOLOGIC SECTIONS, USGS OFR 84-494, SCALE 1:12,000," BY R. SCOTT AND J. BONK, ELEVATIONS WERE COMPARED ON EACH SIDE OF A FAULT AT THE INTERSECTION OF A CHOSEN STRATIGRAPHIC HORIZON AND A TOPOGRAPHIC LINE TO DETERMINE OFFSET.	D	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*GS941208314211.063	FIVE DRAFT STRUCTURE MAPS, FOUR ISOPACH MAPS AND FOUR CROSS SECTIONS FROM THE LITHOSTRATIGRAPHIC SYNTHESIS LYNX COMPUTER MODEL OF YUCCA MOUNTAIN STRATIGRAPHY AND STRUCTURE, BY JIM NELSON ACQN/DEVL LOCATION : USGS, DENVER, CO	08/01/94-08/14/94	SURFACE AND SUBSURFACE LITHOSTRATIGRAPHIC DATA WERE ASSEMBLED, THEN INTEGRATED INTO A DIGITAL MODEL USING LYNX GEOSYSTEMS MODELING SOFTWARE, VERSION 1.09.	D	N	P
Activity - 8.3.1.4.2.1.2						
**GS940108314212.001	GRAVITY AND MAGNETIC INVESTIGATIONS OF YUCCA WASH, SOUTHWEST NEVADA, BY V.E. LANGENHEIM, D.A. PONCE AND H.W. OLIVER ACQN/DEVL LOCATION : USGS, MENLO PARK, CA	09/01/93-12/31/93	SUMMARIZING SOURCE AND ADDING CONCLUSION	D	Y	C
*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
**GS940808314212.003	GHOST DANCE FAULT GRAVITY AND MAGNETIC DATA, SEPT. 1993, BY H. OLIVER 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	09/27/93-10/30/93	TECHNICAL PROCEDURES GPP-01,R2, GRAVITY METHODS, AND GPP-11,R2, MAGNETIC METHODS	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
	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					
Activity - 8.3.1.4.2.1.3						
*GS941008314213.001	PRELIMINARY WT/UZ MAGNETOMETER AND MAGNETIC SUSCEPTIBILITY RESULTS (BOREHOLES UE-25 UZ#16, USW NRG-6 AND USW WT-2), BY P. NELSON ACQN/DEVL LOCATION : USGS, DENVER, CO	08/01/94-10/29/94	THIS PAPER WAS DEVELOPED FROM ANALYSIS OF MAGNETIC SUSCEPTIBILITY LOG RESULTS FROM BOREHOLES UE-25 UZ#16, USW NRG-6, AND USW WT-2	D	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.4.2.1.6						
**GS931208314216.003	SURFACE REFLECTION SEISMIC IMAGING OF THE GHOST DANCE FAULT IN SURVEYS EXTENDING FROM THE REGION WEST OF USW WT-2 TO THE REGION EAST OF UE-25 UZ #16, CROSSING THE TRACE OF THE FAULT, AND SOUTH FROM THE REGION OF UE-25 NRG #7 PAST USW NRG-6 TO THE SUBDOCK AREA. ACQN/DEVL LOCATION : N9960.5890(N) E10024.4430(N) N9832.4170(N) E10121.2591(N) N9708.8875(N) E10220.6840(N) N9591.6391(N) E10327.8713(N) N9532.4599(N) E10380.5828(N) N9462.4228(N) E10421.1820(N) N9313.9099(N) E10480.1320(N) N9165.3257(N) E10539.6012(N) N9017.7991(N) E10599.5914(N) N8872.6339(N) E10664.9011(N) N8725.8638(N) E10726.7060(N) N8618.3993(N) E10780.9401(N) N8519.8757(N) E10848.3095(N) N8420.8730(N) E10914.4696(N) N8311.9528(N) E10965.2453(N) N8209.2557(N) E11024.6838(N) N8117.1068(N) E11100.9453(N) N8019.7898(N) E11169.7612(N) N7916.5370(N) E11229.9327(N) N7820.6039(N) E11303.4229(N) N7711.9586(N) E11418.2341(N) N7603.4948(N) E11534.4764(N) N7495.5986(N) E11652.2433(N) N7390.1705(N) E11773.0950(N) N7362.8533(N) E11801.6855(N) N7335.4308(N) E11819.6376(N) N7278.3449(N) E11836.2470(N) N7171.6214(N) E11976.4329(N) N7068.3647(N) E12097.3827(N) N6961.8605(N) E12216.6420(N) N6846.8649(N) E12325.2640(N) N6718.6944(N) E12419.0073(N) N6593.1285(N) E12515.9161(N) N6464.4948(N) E12609.7504(N)	10/25/93-10/29/93	SN-0055, HIGH RESOLUTION SURFACE SEISMIC REFLECTION	A	Y	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
	N6342.3905(N) E12701.4512(N)					
	N5910.2406(N) E4097.8285(N)					
	N5958.6282(N) E4160.9987(N)					
	N6002.6961(N) E4225.4879(N)					
	N6042.0575(N) E4292.9448(N)					
	N6052.2773(N) E4335.7208(N)					
	N6050.0792(N) E4373.6502(N)					
	N6039.1731(N) E4410.0779(N)					
	N6017.8392(N) E4443.6302(N)					
	N5980.0382(N) E4512.6268(N)					
	N5942.6049(N) E4582.8883(N)					
	N5923.1200(N) E4658.6651(N)					
	N5908.3595(N) E4738.1918(N)					
	N5893.6122(N) E4813.8511(N)					
	N5896.9442(N) E4892.4288(N)					
	N5919.2798(N) E4965.6112(N)					
	N5943.1317(N) E5042.9647(N)					
	N5960.3554(N) E5122.1358(N)					
	N5970.2546(N) E5167.7525(N)					
	N5970.4482(N) E5198.0203(N)					
	N5986.5449(N) E5275.3534(N)					
	N5993.8946(N) E5285.5811(N)					
	N6004.5023(N) E5352.1618(N)					
	N6022.7096(N) E5418.4558(N)					
	N6015.4753(N) E5430.5383(N)					
	N6034.8053(N) E5505.8366(N)					
	N6056.0495(N) E5513.7281(N)					
	N6043.1944(N) E5545.4145(N)					
	N6067.8278(N) E5621.6071(N)					
	N6099.4859(N) E5641.2963(N)					
	N6076.8656(N) E5700.9532(N)					
	N6095.4570(N) E5736.7096(N)					
	N6108.8036(N) E5773.4696(N)					
	N6113.3751(N) E5787.2864(N)					
	N6131.1460(N) E5849.9884(N)					
	N6151.0592(N) E5885.2096(N)					
	N6159.0054(N) E5923.6791(N)					
	N6175.7334(N) E5960.3955(N)					
	N6233.9590(N) E6031.1634(N)					
	N6209.5040(N) E6032.1188(N)					
	N6256.7960(N) E6091.3302(N)					
	N6247.6405(N) E6143.4773(N)					
	N6284.6840(N) E6159.2657(N)					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
	N6281.0816(N) E6226.7956(N)					
	N6260.6908(N) E6262.6311(N)					
	N6285.9905(N) E6308.1776(N)					
	N6259.4117(N) E6381.1295(N)					
	N6278.4754(N) E6448.6531(N)					
	N6247.1338(N) E6499.6866(N)					
	N6262.2202(N) E6588.1076(N)					
	N6228.0644(N) E6618.3807(N)					
	N6202.9713(N) E6734.9084(N)					
	N6232.2554(N) E6738.5913(N)					
	N6552.8408(N) E6808.3088(N)					
	N6616.5767(N) E6835.7614(N)					
	N6170.2929(N) E6849.1927(N)					
	N6191.9190(N) E6872.2616(N)					
	N6727.8885(N) E6880.5514(N)					
	N6837.4117(N) E6929.0871(N)					
	N6130.0490(N) E6960.3418(N)					
	N6946.9943(N) E6976.5074(N)					
	N6141.8535(N) E6995.0354(N)					
	N7059.1508(N) E7019.0672(N)					
	N7171.9407(N) E7059.8798(N)					
	N6076.3619(N) E7067.1448(N)					
	N7285.2083(N) E7098.1711(N)					
	N6077.7218(N) E7122.2264(N)					
	N7399.0907(N) E7134.7786(N)					
	N6012.1696(N) E7167.7636(N)					
	N7513.4355(N) E7170.8747(N)					
	N7628.5099(N) E7205.9988(N)					
	N5997.4303(N) E7241.8981(N)					
	N7742.6959(N) E7242.3321(N)					
	N5947.8325(N) E7268.7867(N)					
	N7856.9857(N) E7279.1637(N)					
	N7970.4825(N) E7316.1249(N)					
	N8084.4577(N) E7353.4548(N)					
	N5928.2370(N) E7363.8458(N)					
	N5890.1945(N) E7372.9963(N)					
	N8198.8727(N) E7389.1261(N)					
	N8312.5558(N) E7427.2000(N)					
	N8426.5162(N) E7464.0385(N)					
	N5833.5488(N) E7477.6558(N)					
	N5861.5641(N) E7483.3608(N)					
	N8541.5601(N) E7501.5006(N)					
	N8655.8137(N) E7540.5711(N)					
	N8768.5460(N) E7578.5479(N)					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
	N5780.6145(N) E7584.1129(N)					
	N5802.7611(N) E7608.8712(N)					
	N8883.0316(N) E7617.7161(N)					
	N8997.4368(N) E7655.5652(N)					
	N5734.1070(N) E7695.5762(N)					
	N9109.5011(N) E7695.6975(N)					
	N9222.6860(N) E7736.2967(N)					
	N9336.0218(N) E7775.0335(N)					
	N9373.8102(N) E7789.4364(N)					
	N5705.2246(N) E7811.5557(N)					
	N5731.7266(N) E7862.6024(N)					
	N5699.2553(N) E7930.6315(N)					
	N5725.3053(N) E7986.8801(N)					
	N5695.5651(N) E8049.0120(N)					
	N5719.5249(N) E8119.8872(N)					
	N5688.9889(N) E8168.7993(N)					
	N5713.4501(N) E8253.3378(N)					
	N5683.4837(N) E8288.2068(N)					
	N5665.3461(N) E8393.4646(N)					
	N5675.9964(N) E8408.4176(N)					
	N5659.7891(N) E8524.2539(N)					
	N5671.7787(N) E8527.9467(N)					
	N5666.9878(N) E8647.3835(N)					
	N5663.4313(N) E8673.7730(N)					
	N5668.6366(N) E8767.8255(N)					
	N5661.8176(N) E8820.0033(N)					
	N5662.1700(N) E8887.4404(N)					
	N5655.1329(N) E8926.3097(N)					
	N5643.6293(N) E8952.1941(N)					
	N5632.3262(N) E9003.1603(N)					
	N5603.1969(N) E9077.6718(N)					
	N5596.3555(N) E9077.7650(N)					
	N5569.9356(N) E9149.3739(N)					
	N5531.5209(N) E9219.7575(N)					
	N5489.7463(N) E9288.0449(N)					
	N5423.1018(N) E9387.1449(N)					
	N5354.1660(N) E9488.1005(N)					
	N5289.2922(N) E9585.6306(N)					
	N5219.5190(N) E9683.8299(N)					
	N10489.1708(N) E9749.7864(N)					
	N5151.9322(N) E9782.2171(N)					
	N10386.1000(N) E9809.6943(N)					
	N10239.9481(N) E9875.2712(N)					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
	N5083.7328(N) E9880.3085(N) N10095.4777(N) E9940.0237(N) N5018.2490(N) E9980.4391(N) N7724.1308(N) N5756.1761(N)					
Activity - 8.3.1.4.2.2.1						
**GS931208314221.015	PHOTOMICROGRAPHS OF THIN SECTIONS FROM ANTLER RIDGE ACQN/DEVL LOCATION : USGS, DENVER, CO	05/01/93-12/06/93	GP-18,R1, PETROGRAPHIC ANALYSIS OF VOLCANIC ROCKS	A	Y	C
**GS940108314221.002	THE SUNDANCE FAULT: A NEWLY RECOGNIZED SHEAR ZONE AT YUCCA MOUNTAIN, NEVADA, BY R.W. SPENGLER, C.A. BRAUN, L.G. MARTIN, AND C.W. WEISENBERG. ACQN/DEVL LOCATION : USGS, DENVER, CO	10/01/93-12/31/93	THIS REPORT WAS DEVELOPED BY INTERPRETING DETAILED STRUCTURAL MAPPING OF AN AREA THAT STRADDLES THE SURFACE OF THE GHOST DANCE FAULT. CONCLUSIONS WERE BASED ON OBSERVATIONS AND MAP ANALYSIS AT 1:240 AND 1:600 SCALES.	D	N	C
*GS940508314221.005	GEOLOGIC AND FRACTURE MAPS FOR THE ARP-1 EXPOSURE AT YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY C.A. BRAUN, L.G. MARTIN, R.L. BLACKBURN, R.W. SPENGLER AND M.F. FAHY ACQN/DEVL LOCATION : USGS, DENVER, CO	02/01/94-05/20/94	INTERPRETATION OF DATA FROM FIELD OBSERVATIONS AND FIELD CHECKING OF SOURCE DATA.	D	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/84-01/20/89	USGS STANDARD METHODS, PLOTTING AND ANALYSIS.	D	N	T
**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 ACQN/DEVL LOCATION : USGS, DENVER, CO	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	C
Activity - 8.3.1.4.3.1.1						
*LL941015301431.000	FLUID AND HOLE BOTTOM LEVEL LOCATIONS AND BOREHOLE VIDEO LOGS DURING DRILLING OF UZ-14 AND UZ-16. VIDEO LOG AND HOLE DEPTH OF NRG-2A, NRG-2B, NRG-6, G-1, SD-9 AND SD-12. WATER LEVEL WAS MEASURED AT NRG-7/7A. THE CABLE LENGTH CALIBRATION WAS CHECKED AT UZ-6D AND UZ-6K. ACQN/DEVL LOCATION : UZ-14, UZ-16, NRG-2A, NRG-2B, NRG-6, G-1, SD-9, SD-12	09/13/93-07/25/94	FLUID LEVELS AND HOLE DEPTHS WERE DETERMINED WITH AN ELECTRICAL RESISTANCE METER AND SINKER BAR, RESPECTIVELY; AND A CALIBRATED CABLE. SEE TIPNV-1. B&W AND COLOR VIDEO CAMERAS PRODUCED VIDEO LOGS OF BOREHOLE WALLS AND WERE ALSO USED TO DETECT WATER AND THE HOLE BOTTOM.	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*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	P
	ACQN/DEVL LOCATION : YMP SAMPLE MANAGEMENT FACILITY					
*SNT02052794001.001	GEOLOGIC CORE LOGS FOR USW SD-9	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	P
	ACQN/DEVL LOCATION : YMP SAMPLE MANAGEMENT FACILITY					
Activity - 8.3.1.5.1.4.2						
**GS900908315142.002	URANIUM-TREND DATING OF QUATERNARY DEPOSITS IN THE NEVADA TEST SITE AREA, NEVADA AND CALIFORNIA, BY ROSHOLT, BUSH, CARR, HOOVER, SWADLEY, AND DOOLEY. ANALYSES OF 36 SAMPLE UNITS ARE INCLUDED IN THIS REPORT.	01/01/85-09/16/85	USGS STANDARD METHODS.	D	N	T
	ACQN/DEVL LOCATION : USGS, DENVER, CO					
**GS940708315142.007	FIELD NOTES AND STATION LOCATION MAP SUPPORTING SURFICIAL DEPOSITS MAPPING OF THE CENTRAL PART OF YUCCA MOUNTAIN, NEVADA, MAY 93 THRU JULY 94	05/01/93-07/22/94	GP-01,R2, GEOLOGIC MAPPING	A	Y	C
	ACQN/DEVL LOCATION : 36 48'45"N 116 30'00"W ;36 52'30"N 116 26'15"W					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
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 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	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	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
	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. ACQN/DEVL LOCATION : 37 32'15"N 115 13'18"W 37 53'45"N 115 19'27"W	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	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
	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	P
	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					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS920808315213.005	ROCK AND SOIL / UNCONSOLIDATED SEDIMENT CHEMICAL DATA RESULTS FROM LAB ANALYSIS (GEOCHEMICAL) OF SAMPLES COLLECTED 6/9-22/90, 5/7-8/91, 6/1/91, AND 7/31/91 IN THE YUCCA MOUNTAIN REGION. ACQN/DEVL LOCATION : USGS GD, BRANCH OF GEOCHEMISTRY, DENVER, CO	04/09/92-07/09/92 08/17/93-09/10/93 03/04/94-03/04/94	SAMPLES WERE ANALYZED USING STANDARD GEOCHEMICAL LAB OPERATING PROCEDURES, USGS, GEOLOGIC DIVISION, BRANCH OF GEOCHEMISTRY.	A	Y	P
**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, 229TH), AND RESULTS OF REGRESSION ANALYSIS TO OBTAIN 230TH/U AGES. ACQN/DEVL LOCATION : USGS U-SERIES LABS, DENVER, CO	11/01/92-09/08/94	YMP-USGS GCP-03,R2, U-SERIES DATING AND GCP-03,R3, URANIUM-THORIUM DISEQUILIBRIUM STUDIES	A	Y	P
**GS940908315213.005	U CONCENTRATIONS AND 234U/238U RATIOS FOR WATERS IN YUCCA MOUNTAIN REGION. DATA WERE OBTAINED 1/1/93 TO 9/10/93 AND INCLUDE SAMPLE WEIGHTS, URANIUM CONCENTRATIONS, MASS SPECTROMETRIC RESULTS FOR 234U/235U AND CALCULATED 234U/238U ACTIVITY RATIOS. ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/93-09/10/94	YMP USGS GCP-28,R0 AND R1, URANIUM ISOTOPE GEOCHEMISTRY	A	Y	T

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*GS941008315213.006	WATER CHEMISTRY DATA FOR WATER SAMPLES COLLECTED FROM 2/25/91 THROUGH 2/28/91 IN NEVADA AND CALIFORNIA. ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO	04/23/91-04/29/91	SAMPLES ANALYZED USING STANDARD NWQL PROCEDURES.	A	Y	P
*GS941008315213.007	WATER CHEMISTRY DATA FROM WATER SAMPLES COLLECTED 7/29/91 THROUGH 8/2/91 IN NEVADA. ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO	08/19/91-10/24/91	SAMPLES ANALYZED USING STANDARD NWQL TECHNIQUES.	A	Y	P
*GS941008315213.008	WATER CHEMISTRY DATA OBTAINED FROM SAMPLES COLLECTED BETWEEN 7/8/90 AND 7/13/90 IN NEVADA AND UTAH. ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO	10/29/90-10/29/90	WATER SAMPLES ANALYZED USING STANDARD USGS NWQL TECHNIQUES. SAMPLES COLLECTED ACCORDING TO HP-23,R1 "COLLECTION AND FIELD ANALYSIS OF GROUND-WATER SAMPLES FROM THE SATURATED ZONE," AND HP-91,R1 "COLLECTION AND FIELD ANALYSIS OF SURFACE-WATER SAMPLES."	A	Y	P
*GS941008315213.009	URANIUM-234 IN GROUND WATER, SW NEVADA - NE CALIFORNIA, BY K. LUDWIG, Z. PETERMAN, K. SIMMONS AND S. MAHAN ACQN/DEVL LOCATION : USGS, DENVER, CO	07/01/94-09/22/94	234U HAS THE POTENTIAL FOR USE AS A HYDROLOGIC TRACER, AS WELL AS AN INDICATOR OF FLOW RATES & GROUND-WATER PHYSICAL-CHEMICAL ENVIRONMENT. IN HOPE OF APPLYING THIS POTENTIAL, 234U/238U AND URANIUM CONCENTRATION WERE DETERMINED ON MOST OF THE MAJOR SPRINGS AND ACTIVE WELLS IN THE YUCCA MOUNTAIN AREA, AS WELL AS MUCH OF THE SURROUNDING REGION.	D	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*GS941208315213.010	PHYSICAL SOIL PROPERTY DATA FROM PLAYA SAMPLES COLLECTED ON 5/21/91 AT FRANKLIN LAKE PLAYA ACQN/DEVL LOCATION : 36 14'00"N 116 22'30"W	05/21/91-05/21/91	SAMPLES COLLECTED AND DESCRIBED USING GP-17,R1, "DESCRIBING AND SAMPLING SOILS IN THE FIELD".	A	Y	P
*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 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 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	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	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.5.2.1.4						
**GS910508315214.002	WEATHER DATA COLLECTED AT THE KAWICH CREEK BASE SITE FROM OCTOBER, 1985, TO MAY, 1989.	11/11/85-05/24/89	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; AND HP-170,R0, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC. 107 TEMPERATURE PROBE.	A	N	C
	ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W					
**GS910908315214.004	WEATHER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM JANUARY, 1986, TO MAY, 1989.	01/11/86-05/25/89	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; AND HP-170,R0, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC. 107 TEMPERATURE PROBE.	A	N	C
	ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W					
**GS911108315214.005	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM MAY, 1989, TO SEPTEMBER, 1990. THESE DATA COLLECTED USING A PARSHALL FLUME.	05/03/89-09/30/90	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-54,R0, WATER-FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS, AND HP-57,R1, METHOD FOR USING GRAPHIC AND DIGITAL WATER-LEVEL RECORDERS.	A	Y	C
	ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS911108315214.006	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM SEPTEMBER, 1988, TO MAY, 1989. THESE DATA COLLECTED USING A PARSHALL FLUME.	09/27/88-05/02/89	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-54.R0, WATER-FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS, AND HP-57.R1, METHOD FOR USING GRAPHIC AND DIGITAL WATER-LEVEL RECORDERS.	A	N	C
	ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W					
**GS911108315214.007	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM DECEMBER, 1986, TO MAY, 1989. THESE DATA COLLECTED USING A 90 DEGREE V-NOTCH WEIR.	12/02/86-05/25/89	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-54,R0, WATER-FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS, AND HP-172,R0, WATER LEVEL MEASUREMENT USING A TEN-TURN POTENTIOMETER.	A	N	C
	ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W					
**GS911108315214.008	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM MAY, 1989, TO SEPTEMBER, 1990. THESE DATA COLLECTED USING A 90 DEGREE V-NOTCH WEIR.	05/25/89-09/22/90	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-54,R0, WATER FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS, AND HP-172,R0, WATER LEVEL MEASUREMENTS USING A TEN-TURN POTENTIOMETER.	A	Y	C
	ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W					
**GS920408315214.005	WEATHER DATA FROM KAWICH PEAK INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION AND HUMIDITY FROM SEPTEMBER, 1990 TO SEPTEMBER, 1991.	09/22/90-09/25/91	THESE DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-97, R0 AND R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168, R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; AND HP-170, R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A	Y	C
	ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS920408315214.006	WEATHER DATA FROM VEG SPRING WEATHER EQUIPMENT IN STEWART BASIN INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION AND HUMIDITY FROM SEPTEMBER, 1990 TO SEPTEMBER, 1991.	09/25/90-09/24/91	THESE DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-97, R0 AND R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168, R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; AND HP-170, R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A	Y	C
	ACQN/DEVL LOCATION : 38 53'94"N 117 21'13"W					
**GS920408315214.007	WEATHER DATA INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED AND WIND DIRECTION FROM STEWART CREEK FROM SEPTEMBER, 1990 TO SEPTEMBER, 1991.	09/24/90-09/24/91	THESE DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-97, R0 AND R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168, R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170, R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE; AND HP-198, R0, R0-MOD1, AND R1, MEASUREMENT OF WIND SPEED AND WIND DIRECTION USING THE 05103 R.M. YOUNG WIND MONITOR.	A	Y	C
	ACQN/DEVL LOCATION : 38 53'18"N 117 21'36"W					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS920408315214.008	WEATHER DATA FROM KAWICH BASE WEATHER SITE, INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED AND WIND DIRECTION FROM SEPTEMBER, 1990 TO SEPTEMBER, 1991.	09/22/90-09/25/91	THESE DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-97, R0 AND R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168, R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170, R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE; AND HP-198, R0, R0-MOD1, AND R1, MEASUREMENT OF WIND SPEED AND WIND DIRECTION USING THE 05103 R.M. YOUNG WIND MINITOR.	A	Y	C
	ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W					
**GS920508315214.009	PRECIPITATION DATA FROM KAWICH BASE WEATHER STATION FROM SEPTEMBER 1985 TO MAY 1989.	09/25/85-05/24/89	DATA WERE ACQUIRED USING HP-167,R0, PRECIPITATION MEASUREMENT USING BELFORT WEIGHING RAIN GAGE.	A	N	C
	ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W					
**GS920508315214.010	PRECIPITATION DATA FROM KAWICH BASE WEATHER STATION FROM MAY 1989 TO SEPTEMBER 1990.	05/24/89-09/23/90	DATA WERE ACQUIRED USING HP-167,R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	Y	C
	ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W					
**GS920508315214.011	PRECIPITATION DATA FROM KAWICH BASE WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991.	09/23/90-09/25/91	DATA WERE ACQUIRED USING HP-167,R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	Y	C
	ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS920508315214.012	PRECIPITATION DATA FROM KAWICH PEAK WEATHER STATION FROM SEPTEMBER 1988 TO MAY 1989. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	09/24/88-05/24/89	DATA WERE ACQUIRED USING HP-167,R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	N	C
**GS920508315214.013	PRECIPITATION DATA FROM KAWICH PEAK WEATHER STATION FROM MAY 1989 TO SEPTEMBER 1990. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	05/24/89-09/23/90	DATA WERE ACQUIRED USING HP-167,R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	Y	C
**GS920508315214.014	PRECIPITATION DATA FROM KAWICH PEAK WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	09/23/90-09/25/91	DATA WERE ACQUIRED USING HP-167,R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	Y	C
**GS920508315214.015	PRECIPITATION DATA FROM STEWART BASE WEATHER STATION FROM SEPTEMBER 1985 TO MAY 1989. ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	09/27/85-05/25/89	DATA WERE ACQUIRED USING HP-167,R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	N	C
**GS920508315214.016	PRECIPITATION DATA FROM STEWART BASE WEATHER STATION FROM MAY 1989 TO SEPTEMBER 1990. ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	05/25/89-09/24/90	DATA WERE ACQUIRED USING HP-167,R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	Y	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS920508315214.017	PRECIPITATION DATA FROM STEWART BASE WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991. ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	09/24/90-09/24/91	DATA WERE ACQUIRED USING HP-167,R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	Y	C
**GS920508315214.018	PRECIPITATION DATA FROM VEG SPRING WEATHER STATION FROM OCTOBER 1986 TO MAY 1989 ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	10/09/86-05/25/89	DATA WERE ACQUIRED USING HP-167,R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	N	C
**GS920508315214.019	PRECIPITATION DATA FROM VEG SPRING WEATHER STATION FROM MAY 1989 TO SEPTEMBER 1990. ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	05/25/89-09/25/90	DATA WERE ACQUIRED USING HP-167,R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	Y	C
**GS920508315214.020	PRECIPITATION DATA FROM VEG SPRING WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991. ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	09/25/90-09/24/91	DATA WERE ACQUIRED USING HP-167,R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	Y	C
**GS930108315214.003	CHEMICAL ANALYSIS OF SURFACE-WATER, SPRING, AND PRECIPITATION SAMPLES COLLECTED FROM KAWICH AND STEWART CREEK BASINS FROM SEPTEMBER, 1984, TO APRIL, 1989. SAMPLES ANALYZED FOR ANIONS, CATIONS, STABLE ISOTOPES, PHYSICAL PARAMETERS. ACQN/DEVL LOCATION : USGS NWQL, ARVADA, CO	09/19/84-04/12/89	STANDARD USGS NATIONAL WATER QUALITY LABORATORY ANALYSIS PROCEDURES.	A	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS930108315214.004	CHEMICAL ANALYSIS OF SURFACE-WATER, SPRING, AND PRECIPITATION SAMPLES COLLECTED FROM KAWICH AND STEWART CREEK BASINS FROM MAY, 1989, TO SEPTEMBER, 1991. SAMPLES ANALYZED FOR ANIONS, CATIONS, STABLE ISOTOPES, PHYSICAL PARAMETERS. ACQN/DEVL LOCATION : USGS NWQL, ARVADA, CO	05/24/89-09/25/91	STANDARD USGS WATER QUALITY LABORATORY ANALYSIS PROCEDURES.	A	Y	C
**GS930408315214.005	SURFACE WATER DATA COLLECTED AT THE KAWICH CREEK BASE SITE FROM DECEMBER 1986 TO MAY 1989. THESE DATA WERE COLLECTED USING A 90 DEGREE V-NOTCH WEIR. ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	12/03/86-05/24/89	DATA WERE ACQUIRED USING HP-54,R0, WATER-FLOW MEASUREMENTS USING 90 DEGREE V-NOTCH WEIRS, FLUMES, AND BARRELS AND HP-172,R0, WATER LEVEL MEASUREMENT USING A TEN-TURN POTENTIOMETER.	A	N	C
**GS930408315214.006	SURFACE WATER DATA COLLECTED AT THE KAWICH CREEK BASE SITE FROM MAY 1989 TO SEPTEMBER 1991. THESE DATA WERE COLLECTED USING A 90 DEGREE V-NOTCH WEIR. ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	05/24/89-09/30/91	DATA WERE ACQUIRED USING HP-54,R0, WATER-FLOW MEASUREMENTS USING 90 DEGREE V-NOTCH WEIRS, FLUMES, AND BARRELS AND HP-172,R0, WATER LEVEL MEASUREMENT USING A TEN-TURN POTENTIOMETER.	A	Y	C
**GS930408315214.007	SURFACE WATER DATA COLLECTED AT THE KAWICH CREEK BASE SITE FROM SEPTEMBER 1988 TO MAY 1989. THESE DATA WERE COLLECTED USING A FLUME. ACQN/DEVL LOCATION : 37 57'05"N 116 27'02"W	09/24/88-05/24/89	DATA WERE ACQUIRED USING HP-54,R0, WATER-FLOW MEASUREMENTS USING 90 DEGREE V-NOTCH WEIRS, FLUMES, AND BARRELS AND HP-57,R1, METHOD FOR USING GRAPHIC AND DIGITAL WATER-LEVEL RECORDERS.	A	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS930408315214.008	SURFACE WATER DATA COLLECTED AT THE KAWICH CREEK BASE SITE FROM MAY 1989 TO SEPTEMBER 1991. THESE DATA WERE COLLECTED USING A FLUME.	05/24/89-09/30/91	DATA WERE ACQUIRED USING HP-54,R0, WATER-FLOW MEASUREMENTS USING 90 DEGREE V-NOTCH WEIRS, FLUMES, AND BARRELS AND HP-57,R1, METHOD FOR USING GRAPHIC AND DIGITAL WATER-LEVEL RECORDERS.	A	Y	C
	ACQN/DEVL LOCATION : 37 57'05"N 116 27'02"W					
**GS930708315214.001	WEATHER DATA FROM KAWICH BASE WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE AND SOLAR RADIATION FROM MAY 1989 TO SEPTEMBER 1990.	05/24/89-09/22/90	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; AND HP-170,R0 AND R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A	Y	C
	ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W					
**GS930708315214.002	WEATHER DATA FROM STEWART BASE WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE AND SOLAR RADIATION FROM MAY 1989 TO SEPTEMBER 1990.	05/25/89-09/24/90	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; AND HP-170,R0 AND R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A	Y	C
	ACQN/DEVL LOCATION : 38 53'18"N 117 21'36"W					
**GS930708315214.009	WEATHER DATA FROM KAWICH PEAK WEATHER STATION INCLUDING AIR TEMPERATURE AND SOIL TEMPERATURE FROM SEPTEMBER 1988 TO MAY 1989.	09/24/88-05/24/89	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURE: HP-170,R0, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A	N	C
	ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS930708315214.010	WEATHER DATA FROM KAWICH PEAK WEATHER STATION INCLUDING AIR TEMPERATURE AND SOIL TEMPERATURE FROM MAY 1989 TO SEPTEMBER 1990. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	05/24/89-09/22/90	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-170,R0 AND R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A	Y	C
**GS930708315214.011	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM SEPTEMBER 1990 TO SEPTEMBER 1991. THESE DATA WERE COLLECTED USING A 90 DEGREE V-NOTCH WEIR. ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W	09/22/90-09/30/91	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-54,R0, WATER FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS; AND HP-172,R0, WATER LEVEL MEASUREMENT USING A TEN-TURN POTENTIOMETER.	A	Y	C
**GS930708315214.012	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM OCTOBER 1990 TO SEPTEMBER 1991. THESE DATA WERE COLLECTED USING A PARSHALL FLUME. ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W	10/01/90-09/30/91	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-54,R0, WATER FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS; AND HP-57,R1, METHOD FOR USING GRAPHIC AND DIGITAL WATER-LEVEL RECORDERS.	A	Y	C
**GS930708315214.013	WEATHER DATA FROM VEG SPRING WEATHER STATION INCLUDING AIR TEMPERATURE AND SOIL TEMPERATURE FROM SEPTEMBER 1988 TO MAY 1989. ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	09/27/88-05/25/89	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURE: HP-170,R0, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS930708315214.014	WEATHER DATA FROM VEG SPRING WEATHER STATION INCLUDING AIR TEMPERATURE AND SOIL TEMPERATURE FROM MAY 1989 TO SEPTEMBER 1990.	05/25/89-09/25/90	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-170,R0 AND R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A	Y	C
	ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W					
**GS930808315214.016	FIELD NOTES FOR THE ANALOG RECHARGE PROJECT FROM NOVEMBER 1989 TO APRIL 1992.	11/07/89-04/27/92	DATA ACQUIRED USING THE FOLLOWING HPS: HP-16,R3, COLLECTION OF ATM PRECIP SAMPLES FOR H-2 AND O-18 ANALYSIS; HP-54,R0 AND R1, WATER-FLOW MMT USING WEIRS, FLUMES, AND BARRELS; HP-57, R1, USING WATER-LEVEL RECORDERS; HP-91,R2 AND R3, COLLECTION AND ANALYSIS OF SURFACE-WATER SAMPLES; HP-97, R0 AND R1, MMT OF TEMP AND RH USING A CSI 207 PROBE; HP-165,R0, MEASURING SNOW WATER CONTENT; HP-166,R0 AND R1, STREAM DISCHARGE MMT USING A PYGMY CURRENT METER; HP-167,R0, PRECIP MMT USING A BELFORT WEIGHING RAIN GAGE; HP-168,R0, MMT OF ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170,R0 AND R1, MEASURING TEMP USING A CSI 107 PROBE; HP-171,R0 AND R1, LOW TENSION VADOSE MOISTURE SAMPLING; HP-172, R0, WATER LEVEL MMT USING A TEN-TURN POT; HP-184,R0 AND R1, COLLECTION OF ATM PRECIP SAMPLES FOR CHEMICAL ANALYSIS; AND HP-198, R0, R0-MOD 1, AND R1, MMT OF WIND SPEED AND DIRECTION USING A RM YOUNG WIND MONITOR.	A	Y	C
	ACQN/DEVL LOCATION : 37 57'19"N 117 21'37"W ;38 53'23"N 116 25'23"W					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS930808315214.029	FIELD NOTES FOR THE ANALOG RECHARGE PROJECT FROM SEPTEMBER 1984 TO SEPTEMBER 1989.	09/18/84-09/28/89	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-16,R1 AND R2, COLLECTION AND PRESERVATION OF ATMOSPHERIC PRECIP SAMPLES FOR H-2 AND O-18; HP-54,R0, WATER-FLOW MEASUREMENTS USING 90 DEGREE V-NOTCH WEIRS, FLUMES, AND BARRELS; HP-57, R0 AND R1, USING GRAPHIC AND DIGITAL WATER-LEVEL RECORDERS; HP-91,R0, COLLECTION AND FIELD ANALYSIS OF SURFACE-WATER SAMPLES; HP-165,R0, MEASURING SNOW WATER CONTENT; HP-166,R0, STREAM DISCHARGE MEASUREMENT USING A PYGMY CURRENT METER; HP-167,R0, PRECIP MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE; HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170,R0, MEASURING TEMPERATURE USING A CSI 107 TEMPERATURE PROBE; HP-171,R0, LOW TENSION VADOSE MOISTURE SAMPLING; HP-172,R0, WATER LEVEL MEASUREMENT USING A TEN-TURN POTENTIOMETER; HP-184,R0 COLLECTION AND PRESERVATION OF ATMOSPHERIC PRECIP SAMPLES FOR CHEMICAL ANALYSIS.	A	N	C
	ACQN/DEVL LOCATION : 37 57'19"N 117 21'37"W ;38 53'23"N 116 25'23"W					
**GS930908315214.015	METEOROLOGICAL DATA FROM A STATION AT ORGAN PIPE CACTUS NAT'L MONUMENT, ARIZONA: BAROMETRIC PRESSURE, SOLAR RADIATION, AIR TEMPERATURE, WIND VELOCITY, RELATIVE HUMIDITY.	08/02/92-03/31/94	SCIENTIFIC NOTEBOOK PLAN NWM-USGS HP-211T, R0, LONG TERM METEOROLOGICAL DATA COLLECTION. AFTER APPROVAL OF THE ACSR NO. YMP-USGS-ACS G1236221-1,R1 THE DATA COLLECTION HAS BEEN CONTINUED IN A SIMILAR MANNER BUT WITHOUT USING A CONTROLLED SNP.	A	N	C
	ACQN/DEVL LOCATION : 32 05'24"N 112 44'21"W					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.5.2.1.5						
**GS910508315215.006	CALCITE-SILICA DATA FROM 9/19/89 TO 10/12/89. ROCKS FROM TOPOPAH SPRINGS, CALICO HILLS, PROW PASS, BULLFROG, TRAIN FORMATION, UNIT A, B, AND C, LITHIC RIDGE TUFF, FLOW BRECCIA, HD-32-1, HD-29, 5-4-89D, 5-489F. ACQN/DEVL LOCATION : USGS, DENVER, CO	09/19/89-10/12/89	USGS TECHNICAL PROCEDURE NWM-USUS-GCP-13, REV 2, URANIUM THORIUM AND LEAD GEOCHEMISTRY (ISOTOPE GEOLOGY).	A	Y	C
**GS910508315215.007	CALCITE-SILICA DATA FROM 5/88-12/88. TRENCH 14 - ISOTOPIC DATA FOR PB, U, TH, TRENCH 14A AND BUSTED BUTTE. ACQN/DEVL LOCATION : USGS, DENVER, CO	05/01/88-12/01/88	USGS TECHNICAL PROCEDURE NWM-USGS-GCP-13, REV 2, URANIUM, THORIUM, AND LEAD GEOCHEMISTRY (ISOTOPE GEOLOGY).	A	Y	C
**GS910508315215.008	CALCITE-SILICA DATA FROM 1-90 TO 3-90 FOR TRENCH 14. ISOTOPIC DATA FOR LEAD, URANIUM AND THRORIUM. ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/90-03/01/90	USGS TECHNICAL PROCEDURE NWM-USGS-GCP-13, REVISION 2, URANIUM, THORIUM, AND LEAD GEOCHEMISTRY (ISOTOPE GEOLOGY).	A	Y	C
**GS910508315215.009	CALCITE-SILICA DATA FROM 3-90 TO 7-90 FOR LEAD, URANIUM, AND THORIUM ISOTOPES. DATA FROM TRENCH 14, TRENCH 14A, AND BUSTED BUTTE. ACQN/DEVL LOCATION : USGS, DENVER, CO	03/01/90-07/01/90	USGS TECHNICAL PROCEDURE NWM-USGS-GCP-13, REVISION 2, URANIUM, THORIUM, AND LEAD GEOCHEMISTRY (ISOTOPE GEOLOGY).	A	Y	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS920208315215.005	PB,U, AND TH ISOTOPIC DATA ON CALCITE-SILICA SAMPLES FROM TRENCH 14 AND BUSTED BUTTE. ACQN/DEVL LOCATION : BUSTED BUTTE TRENCH 14	06/01/90-05/31/91	NWM-USGS-GCP-13, R2 AND R3.	A	Y	C
**GS930108315215.008	PRELIMINARY STUDY OF LEAD ISOTOPES IN THE CARBONATE-SILICA VEINS OF TRENCH 14, YUCCA MOUNTAIN, BY R.E. ZARTMAN AND L.M. KWAK ACQN/DEVL LOCATION : USGS, DENVER, CO	09/01/89-05/31/91	ANALYSIS OF SOURCE MATERIALS THAT HAVE CONTRIBUTED TO THE TRENCH-14 CARBONATE-SILICATE VEINS BASED ON A LEAD ISOTOPE CHARACTERIZATION OF THE VEIN & OTHER ROCKS FROM WHICH THE LEAD MAY HAVE BEEN DERIVED.	D	Y	C
**GS940108315215.001	PALEOCLIMATIC AND PALEOHYDROLOGIC RECORDS FROM SECONDARY CALCITE, YUCCA MOUNTAIN, NEVADA, BY J.F. WHELAN, D.T. VANIMAN, J.S. STUCKLESS, AND R.M. MOSCATI. ACQN/DEVL LOCATION : USGS, DENVER, CO	09/24/93-12/29/93	ANALYSIS OF SECONDARY CALCITE THROUGH STABLE ISOTOPE ANALYSES OF CALCITE AND OPAL, FLUID INCLUSION FORMATION CONDITIONS AND GAS COMPOSITIONS, SR ISOTOPE RATIOS, AND REE COMPOSITIONS TO SUGGEST PALEOCLIMATIC AND PALEOHYDROLOGIC RECORDS.	D	N	C
**GS940308315215.006	URANIUM, THORIUM, AND LEAD ANALYSES OF CALCITE-SILICA DRILL CORES USW G-1, G-2, G-3 AND G-4 AND WATER SAMPLES FROM YUCCA MOUNTAIN VICINITY. ACQN/DEVL LOCATION : USGS, DENVER, CO	09/01/92-12/14/93	TECHNICAL PROCEDURE NWM-USGS GCP-13,R2, URANIUM, THORIUM, AND LEAD ISOTOPE GEOCHEMISTRY.	A	Y	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS940608315215.006	OXYGEN STABLE ISOTOPE ANALYSES OF OPAL FROM DRILL HOLES AND OUTCROP, JUNE 1994.	06/08/94-06/14/94	DATA WAS ACQUIRED AT THE USGS BY STEPWISE FLUORINATION OF OPALINE SILIÇA TO REMOVE EXTRANEOUS WATER PRIOR TO EXTRACTION OF THE SILICATE OXYGEN. GCP-15,R3: OXYGEN ISOTOPE ANALYSIS OF OPAL, CHALCEDONY, AND QUARTZ	A	Y	T
	ACQN/DEVL LOCATION : USGS, DENVER, CO					
**GS940608315215.007	OXYGEN AND HYDROGEN STABLE ISOTOPE ANALYSES OF SPRING WATERS, FEB-JUNE, 1994	02/02/94-06/20/94	DATA WAS ACQUIRED AT THE USGS. OXYGEN DATA WERE COLLECTED BY REACTING A KNOWN AMOUNT OF C02 WITH THE WATER, AND THE DEUTERIUM DATA WAS COLLECTED BY EXTRACTING H2 USING THE ZINC SHOT METHOD. GCP-17,R2 AND R3 - DETERMINATION OF THE ISOTOPE RATIO OF H/D IN H2O AND SN-0058, EXTRACTION TECHNIQUE FOR DETERMINATION OF DELTA O18 IN H2O	A	Y	C
	ACQN/DEVL LOCATION : USGS, DENVER, CO					
**GS940908315215.008	OXYGEN AND HYDROGEN STABLE ISOTOPE ANALYSES OF SOUTHERN NEVADA SPRINGS, JULY - AUGUST, 1994	07/01/94-08/26/94	OXYGEN DATA WERE COLLECTED BY EQUILIBRATING A KNOWN AMOUNT OF CO2 WITH THE WATER, AND THE DEUTERIUM DATA WAS COLLECTED BY EXTRACTING H2 USING THE ZINC SHOT METHOD. SN-0058, EXTRACTION TECHNIQUES FOR DETERMINATION OF DELTA 18O IN H2O, GCP-17,R3, DETERMINATION OF THE ISOTOPIC RATIO OF H/D IN H2O	A	Y	C
	ACQN/DEVL LOCATION : USGS, DENVER, CO					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*GS941008315215.009	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, RB-SR ISOTOPE GEOCHEMISTRY	A	Y	P
Activity - 8.3.1.6.1.1.3						
**LA000000000011.001	ROCK VARNISH CATION-RATIO DATA ACQN/DEVL LOCATION : YUCCA MOUNTAIN AND VICINITY	06/30/84-07/31/88	FIELD SAMPLING, SEM ANALYSIS	A	N	T
**LA000000000019.001	SAMPLE DATA FOR MANGANESE ACCUMULATION IN ROCK VARNISH FOR CLASTS COLLECTED FROM ALLUVIAL SURFACES ON THE SODA MOUNTAIN PIEDMONT IN THE MOJAVE DESERT, CALIFORNIA. ACQN/DEVL LOCATION : LANL	01/01/91-01/01/92	MANGANESE OXIDES WERE DISSOLVED OFF VARNISHED CLASTS COLLECTED FROM ALLUVIAL SURFACES, AND THE AMOUNT OF MANGANESE WAS MEASURED USING INDUCTIVELY-COUPLED PLASMA EMISSION SPECTROSCOPY. DP 114 WAS FOLLOWED.	A	N	T
**LA000000000019.002	MANGANESE ACCUMULATION IN ROCK VARNISH ON A DESERT PIEDMONT, MOJAVE DESERT, CALIFORNIA, AND APPLICATION TO EVALUATING VARNISH DEVELOPMENT. ACQN/DEVL LOCATION : LANL	01/01/92-12/01/92	THE DATA WERE REVIEWED AND FURTHER STATISTICAL ANALYSIS WAS PERFORMED.	D	N	T

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**LA000000000026.001	SCANNING ELECTRON MICROSCOPE METHOD FOR ROCK-VARNISH DATING ACQN/DEVL LOCATION : LANL	06/30/84-06/30/86	FIELD SAMPLING, SEM ANALYSIS	D	N	C
**LA000000000026.002	ROCK-VARNISH CATION RATIO DATA AND ROCK-VARNISH DATING CURVE CALIBRATION SITES DATA ACQN/DEVL LOCATION : LANL	07/01/86-06/30/91	FIELD SAMPLING, SEM ANALYSIS	D	N	T
**LA000000000029.001	"BARIUM CONCENTRATION IN ROCK VARNISH: IMPLICATIONS FOR CALIBRATED ROCK VARNISH DATING CURVES" ACQN/DEVL LOCATION : LANL	05/01/89-11/30/89	SCANNING ELECTRON MICROSCOPE METHOD FOR ROCK VARNISH DATING.	D	N	C
**LA000000000030.001	"BARIUM CONCENTRATION IN ROCK VARNISH: IMPLICATIONS FOR CALIBRATED ROCK-VARNISH DATING CURVES"; SCANNING MICROSCOPY. ACQN/DEVL LOCATION : LANL	11/30/89-01/30/91	SCANNING ELECTRON MICROSCOPE METHOD FOR ROCK-VARNISH DATING.	D	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.8.5.1.3						
**LA000000000013.001	PRELIMINARY GEOLOGIC MAP OF THE SLEEPING BUTTE VOLCANIC CENTERS ACQN/DEVL LOCATION : LANL	01/30/80-08/30/90	STANDARD FIELD MAPPING WITH AIR PHOTOS	A	N	P
**LA000000000013.002	PRELIMINARY GEOLOGIC MAP OF THE SLEEPING BUTTE VOLCANIC CENTERS ACQN/DEVL LOCATION : LANL	09/30/90-12/30/90	STANDARD FIELD MAPPING WITH AIR PHOTOS	D	N	P
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. ACQN/DEVL LOCATION : USGS, DENVER, CO	04/16/94-07/15/94	USGS TECHNICAL PROCEDURE GCP-13,R2: U-TH-PB ISOTOPE GEOCHEMISTRY	A	Y	P
Activity - 8.3.1.9.2.1.4						
**GS931208319214.002	OIL AND GAS EXPLORATION NEAR YUCCA MOUNTAIN, SOUTHERN NEVADA, BY J. GROW, C. BARKER, AND A. HARRIS. ACQN/DEVL LOCATION : USGS, DENVER, CO	10/01/92-12/15/93	NON-YMP INFORMATION WAS REVIEWED INCLUDING INFORMATION OBTAINED FROM WILDCAT WELLS DRILLED IN 1991 IN THE AMARGOSA VALLEY, CONODONT ALTERATION INDICES, THERMAL MATURITY, AND ORGANIC GEOCHEMICAL ASSESSMENTS, TO COMPARE THE OIL AND GAS POTENTIAL OF YUCCA MOUNTAIN WITH THE PRODUCING AREA IN RAILROAD VALLEY.	D	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.14.2.2.1						
**GS921283114220.014	SOIL AND ROCK GEOTECHNICAL INVESTIGATIONS, FIELD AND LABORATORY STUDIES, NORTH RAMP SURFACE FACILITY, EXPLORATORY STUDIES FACILITY, YUCCA MOUNTAIN PROJECT, NEVADA, BY MARK H. MCKEOWN AND STEVE C. BEASON ACQN/DEVL LOCATION : USBR, DENVER, CO	04/01/92-11/30/92	THIS REPORT IS DERIVED FROM GEOLOGIC MAPPING, PAVEMENT MAPPING, TEST PITS, AND LABORATORY DATA FROM TEST PITS, AND DRILL HOLES.	D	Y	C
Activity - 8.3.1.14.2.2.2						
**GS921283114220.014	SOIL AND ROCK GEOTECHNICAL INVESTIGATIONS, FIELD AND LABORATORY STUDIES, NORTH RAMP SURFACE FACILITY, EXPLORATORY STUDIES FACILITY, YUCCA MOUNTAIN PROJECT, NEVADA, BY MARK H. MCKEOWN AND STEVE C. BEASON ACQN/DEVL LOCATION : USBR, DENVER, CO	04/01/92-11/30/92	THIS REPORT IS DERIVED FROM GEOLOGIC MAPPING, PAVEMENT MAPPING, TEST PITS, AND LABORATORY DATA FROM TEST PITS, AND DRILL HOLES.	D	Y	C
Activity - 8.3.1.14.2.3						
**SNF29041993002.011	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ESTIMATED ROCK MASS QUALITY INDICES BASED ON CORE LOG DATA HOLES UE25 NRG-1, -2, -2A, -3, -4, -5, AND USW NRG-6. (THIS DATA HAS BEEN SUPERSEDED BY DATA IDENTIFIED AS DTN: SNF29041993002.030) ACQN/DEVL LOCATION : J. F. T. AGAPITO	11/01/93-12/16/93	Q AND RMR 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	T

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**SNF29041993002.012	YUCCA MOUNTAIN SITE CHARACTERIZATION ROCK MASS MECHANICAL PROPERTIES ESTIMATES BOREHOLES NRG-1, -2, -2A, -3, -4, -5, AND USW NRG-6. (THIS DATA HAS BEEN SUPERSEDED BY DATA IDENTIFIED AS DTN: SNF29041993002.031). ACQN/DEVL LOCATION : J. F. T. AGAPITO	11/01/93-12/16/93	BASED ON STRUCTURAL CORE LOGS FOR NRG HOLES AND MECHANICAL LABORATORY TEST RESULTS.	D	Y	T
**SNF29041993002.020	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ROCK MASS QUALITY ESTIMATES FOR TCW, PTN, TSW1, & TSW2 UNITS. (THIS DATA HAS BEEN SUPERSEDED BY DATA IDENTIFIED AS DTN: SNF29041993002.032). ACQN/DEVL LOCATION : J.F.T. AGAPITO	03/15/94-03/26/94	Q AND RMR ESTIMATED USING ROCK STRUCTURAL DATA SUMMARY DEVELOPED FROM STRUCTURAL LOGGING OF CORE NRG-1, -2, -2A, -3, -4, -5, AND -6 DRILLHOLES. OBSERVATION OF ROCK CONDITIONS IN THE NORTH RAMP STARTER TUNNEL AND LABORATORY TEST DATA ON CORE.	D	Y	C
**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" REV. 7 ACQN/DEVL LOCATION : SNL, JFTA, UNR, GEOMATRIX, & RSN MTL	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
**SNF29041993002.027	GEOTECHNICAL ENGINEERING INVESTIGATION FOR THE PROPOSED BOOSTER PUMP STATION ACQN/DEVL LOCATION : RAYTHEON SERVICES NEVADA & SNL	08/23/94-09/01/94	ASTM D-1196-93: "STANDARD TEST METHOD FOR NONREPETITIVE STATIC PLATE LOAD TESTS OF SOILS AND FLEXIBLE PAVEMENT COMPONENTS, FOR USE IN EVALUATION AND DESIGN OF AIRPORT & HIGHWAY PAVEMENT"	A	Y	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*SNF29041993002.028	GEOTECHNICAL ENGINEERING INVESTIGATION FOR THE PROPOSED WATER STORAGE TANKS AT THE BOOSTER PUMP STATION AND NORTH PORTAL ON EXILE HILL.	10/14/94-10/18/94	ASTM D-1196-93: "STANDARD TEST METHOD FOR NONREPETITIVE STATIC PLATE LOAD TESTS OF SOILS AND FLEXIBLE PAVEMENT COMPONENTS, FOR USE IN EVALUATION AND DESIGN OF AIRPORT & HIGHWAY PAVEMENT; ASTM D-1585-84: "PENETRATION TESTS & SPLIT BARREL SAMPLING OF SOILS"	A	Y	P
	ACQN/DEVL LOCATION : RAYTHEON SERVICES NEVADA & SNL					
Activity - 8.3.1.14.2.3.1						
**GS921283114220.014	SOIL AND ROCK GEOTECHNICAL INVESTIGATIONS, FIELD AND LABORATORY STUDIES, NORTH RAMP SURFACE FACILITY, EXPLORATORY STUDIES FACILITY, YUCCA MOUNTAIN PROJECT, NEVADA, BY MARK H. MCKEOWN AND STEVE C. BEASON	04/01/92-11/30/92	THIS REPORT IS DERIVED FROM GEOLOGIC MAPPING, PAVEMENT MAPPING, TEST PITS, AND LABORATORY DATA FROM TEST PITS, AND DRILL HOLES.	D	Y	C
	ACQN/DEVL LOCATION : USBR, DENVER, CO					
Activity - 8.3.1.14.2.3.2						
**GS921283114220.014	SOIL AND ROCK GEOTECHNICAL INVESTIGATIONS, FIELD AND LABORATORY STUDIES, NORTH RAMP SURFACE FACILITY, EXPLORATORY STUDIES FACILITY, YUCCA MOUNTAIN PROJECT, NEVADA, BY MARK H. MCKEOWN AND STEVE C. BEASON	04/01/92-11/30/92	THIS REPORT IS DERIVED FROM GEOLOGIC MAPPING, PAVEMENT MAPPING, TEST PITS, AND LABORATORY DATA FROM TEST PITS, AND DRILL HOLES.	D	Y	C
	ACQN/DEVL LOCATION : USBR, DENVER, CO					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.14.2.3.3						
**GS921283114220.014	SOIL AND ROCK GEOTECHNICAL INVESTIGATIONS, FIELD AND LABORATORY STUDIES, NORTH RAMP SURFACE FACILITY, EXPLORATORY STUDIES FACILITY, YUCCA MOUNTAIN PROJECT, NEVADA, BY MARK H. MCKEOWN AND STEVE C. BEASON ACQN/DEVL LOCATION : USBR, DENVER, CO	04/01/92-11/30/92	THIS REPORT IS DERIVED FROM GEOLOGIC MAPPING, PAVEMENT MAPPING, TEST PITS, AND LABORATORY DATA FROM TEST PITS, AND DRILL HOLES.	D	Y	C
Activity - 8.3.1.15.1.1.1						
**SNL03042594001.001	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLES USW G-1, USW G-2, USW GU-3, & USW G-4. ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT	04/19/94-04/21/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A	Y	C
**SNL03042594001.002	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLES UE25 NRG-4, UE25 NRG-5, & USW NRG-6. ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT	01/18/94-03/29/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A	Y	C
**SNL03042594001.003	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLE UE25 NRG-7/7A. ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT	06/13/94-06/15/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A	Y	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**SNL03042594001.004	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLES USW G-2 & USW G-4.	07/15/94-07/21/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS". .	A	Y	C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT					
*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	P
	ACQN/DEVL LOCATION : SANDIA NATIONAL LABORATORIES, ALBUQUERQUE, NM U.N.M., ALBUQUERQUE, NM					
Activity - 8.3.1.15.1.1.3						
**SNL01A05059301.002	THERMAL CONDUCTIVITY DATA FROM USW NRG-6 DRILLHOLE SAMPLES FROM DEPTH OF 28.8 FT. TO 987.0 FT. THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN: SNL01A05059301.001	06/10/93-05/16/94	MEASUREMENT OF THERMAL CONDUCTIVITY OF GEOLOGIC SAMPLES BY THE GUARDED-HEAT-FLOW-METER METHOD AS PER TP-202; VACUUM SATURATION OF SAMPLES PER TP-064; OVEN-DRYING OF SAMPLES PER TP-065; VOLUME, CALCULATIONAL METHOD PER TP-200. SATURATION LEVEL IS CALCULATED BY DIVIDING (TEST WEIGHT-DRY WEIGHT) BY (SATURATED WEIGHT-DRY WEIGHT). POROSITY EQUALS (SATURATED WEIGHT-DRY WEIGHT) DIVIDED BY VOLUME.	A	Y	C
	ACQN/DEVL LOCATION : HOLOMETRIX; BEDFORD, MA					
**SNL01A07019101.001	THERMAL CONDUCTIVITY DATA AT DIFFERENT SATURATIONS AND TEMPERATURES FOR WELDED DEVITRIFIED AND NON-WELDED ZEOLITIC TUFFS FROM YUCCA MOUNTAIN.	08/07/93-03/29/94	MEASUREMENT OF THERMAL CONDUCTIVITY OF GEOLOGIC SAMPLES BY THE GUARDED-HEAT-FLOW-METER METHOD AS PER TP-202.	A	Y	C
	ACQN/DEVL LOCATION : HOLOMETRIX, BEDFORD, MA					

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.15.1.2.1						
**SNL01B05059301.003	THERMAL EXPANSION CURVES FOR SAMPLES FROM USW NRG-6 DRILLHOLE FROM DEPTH 28.8 FT. TO 1081.5 FT. THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN: SNL01B05059301.002 ACQN/DEVL LOCATION : HOLOMETRIX, BEDFORD, MA	09/27/93-03/17/94	SINGLE PUSH-ROD DILATOMETER.	A	Y	C
**SNL01B05289301.001	THERMAL EXPANSION CURVES FOR THE STUDY ON THE EFFECTS OF SAMPLE SIZE ON THERMAL EXPANSION BEHAVIOR. ACQN/DEVL LOCATION : HOLOMETRIX, BEDFORD MA	12/17/93-06/13/94	SINGLE PUSH ROD DILATOMETER.	A	Y	C
**SNL01B06189301.001	THERMAL EXPANSION CURVES FOR THE STUDY ON THE EFFECTS OF SAMPLE SATURATION ON THERMAL EXPANSION BEHAVIOR. ACQN/DEVL LOCATION : HOLOMETRIX, BEDFORD, MA	08/01/94-08/30/94	SINGLE PUSH ROD DILATOMETER ACQUISITION SYSTEM	A	Y	C
**SNL03042594001.001	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLES USW G-1, USW G-2, USW GU-3, & USW G-4. ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT	04/19/94-04/21/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A	Y	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**SNL03042594001.002	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLES UE25 NRG-4, UE25 NRG-5, & USW NRG-6.	01/18/94-03/29/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A	Y	C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT					
**SNL03042594001.003	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLE UE25 NRG-7/7A.	06/13/94-06/15/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A	Y	C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT					
**SNL03042594001.004	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLES USW G-2 & USW G-4.	07/15/94-07/21/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS".	A	Y	C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT					
Activity - 8.3.1.15.1.3.1						
**SNL02030193001.019	MECHANICAL PROPERTIES DATA (GRAIN DENSITY, POROSITY, UNCONFINED STRENGTH, CONFINED STRENGTH, ELASTIC PROPERTIES, AND INDIRECT TENSILE STRENGTH) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 507.4 FT. TO 881.0 FT.	03/15/94-06/28/94	STANDARD LABORATORY ROCK MECHANICS PROCEDURES AS PER TP-219: "UNCONFINED COMPRESSION EXPERIMENTS AT 22 DEGREES C AND A STRAIN RATE OF 10E-5 S-1"; ASTM STM D3967-92: "SPLITTING TENSILE STRENGTH OF INTACT ROCK CORE SPECIMENS"; ASTM STM D2845-90: "LABORATORY DETERMINATION OF PULSE VELOCITIES AND ULTRASONIC ELASTIC CONSTANTS OF ROCK"; AND ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS".	A	Y	C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**SNL02030193001.020	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, UNCONFINED STRENGTH, TRIAXIAL STRENGTH, DRY BULK DENSITY & POROSITY) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 554.7 FT. TO 1450.1 FT.	03/15/94-07/22/94	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. ASTM STM D3967-92: "SPLITTING TENSILE STRENGTH OF INTACT ROCK CORE SPECIMENS.", AND ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A	Y	C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT					
Activity - 8.3.1.15.1.3.2						
**SNL02030193001.019	MECHANICAL PROPERTIES DATA (GRAIN DENSITY, POROSITY, UNCONFINED STRENGTH, CONFINED STRENGTH, ELASTIC PROPERTIES, AND INDIRECT TENSILE STRENGTH) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 507.4 FT. TO 881.0 FT.	03/15/94-06/28/94	STANDARD LABORATORY ROCK MECHANICS PROCEDURES AS PER TP-219: "UNCONFINED COMPRESSION EXPERIMENTS AT 22 DEGREES C AND A STRAIN RATE OF 10E-5 S-1"; ASTM STM D3967-92: "SPLITTING TENSILE STRENGTH OF INTACT ROCK CORE SPECIMENS"; ASTM STM D2845-90: "LABORATORY DETERMINATION OF PULSE VELOCITIES AND ULTRASONIC ELASTIC CONSTANTS OF ROCK"; AND ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS".	A	Y	C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT					
**SNL02030193001.020	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, UNCONFINED STRENGTH, TRIAXIAL STRENGTH, DRY BULK DENSITY & POROSITY) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 554.7 FT. TO 1450.1 FT.	03/15/94-07/22/94	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. ASTM STM D3967-92: "SPLITTING TENSILE STRENGTH OF INTACT ROCK CORE SPECIMENS.", AND ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A	Y	C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*SNSAND92084700.000	SAND92-0847: "THE EFFECT OF FREQUENCY ON YOUNG'S MODULUS AND SEISMIC WAVE ATTENUATION."	05/01/93-07/01/94	EP-002: "EFFECTS OF VARIABLE ENVIRONMENTAL CONDITIONS ON COMPRESSIVE MECHANICAL PROPERTIES - HIGH TEMPERTURE/LOW STRAIN RATE EXPERIMENTS."	D	N	P
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT & SNL					
Activity - 8.3.1.15.1.4						
**SNL02112293001.001	RESULTS FROM SHEAR STRESS EXPERIMENTS ON NATURAL FRACTURES FROM NRG-4 & NRG-6.	11/01/93-08/17/94	SCIENTIFIC NOTEBOOK FOR NRG FRACTURE TESTS.	A	Y	C
	ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM					
Activity - 8.3.1.15.1.4.2						
*SNSAND92233300.000	SAND92-2333 "THE EFFECT OF SLIDING VELOCITY ON THE MECHANICAL RESPONSE OF AN ARTIFICIAL JOINT IN TOPOPAH SPRING MEMBER TUFF."	06/01/92-12/01/93	A SMOOTH ARTIFICIAL JOINT IN TOPOPAH SPRING MEMBER TUFF WAS SHEARED AT CONSTANT NORMAL STRESS AT VELOCITIES FROM 0 TO 100UM/S TO DETERMINE THE VELOCITY-DEPENDENCE OF SHEAR STRENGTH. TWO INITIAL CONDITIONS WERE USED: (1) PRIMED AND (2) UNPRIMED. SEE SAND REPORT FOR MORE DETAIL.	A	N	P
	ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.15.1.8.1						
**SNF28021693001.004	ANALYSIS OF BLASTING DATA FROM THE NORTH RAMP STARTER TUNNEL - TOP HEADING	04/08/93-03/24/94	THE RELATIONSHIP OF PEAK PARTICLE VELOCITY (PPV) TO SCALED DISTANCE (SD), WHERE SD IS DISTANCE NORMALIZED FOR EXPLOSIVE CHARGE WEIGHT, WAS DEVELOPED. ONLY DATA FROM THE TOP HEADING OF THE NORTH RAMP STARTER TUNNEL, PILOT DRIFT, AND THE NORTH AND SOUTH SLASH ROUNDS WERE USED.	A	Y	T
	ACQN/DEVL LOCATION : NTS-FOC/JFT AGAPITO OFFICE					
**SNF31120393001.001	ANALYSIS OF BLASTING DATA FROM THE NORTH RAMP STARTER TUNNEL: ALCOVE-1 NEAR-FIELD BLAST PROJECT.	08/01/93-03/25/94	THIS WORK WAS PERFORMED TO SUPPORT BLASTING DESIGN EVALUATIONS, AND INCLUDED MONITORING NEAR-FIELD BLAST VIBRATIONS AND MAKING VIDEO OBSERVATIONS OF BOREHOLES TO DETERMINE THE EXTENT OF DAMAGE FROM THE BLASTING. A QUANTITATIVE CORRELATION OF PEAK PARTICLE VELOCITY WITH ROCK DAMAGE IS GIVEN.	A	Y	T
	ACQN/DEVL LOCATION : NTS-FOC/JFT AGAPITO OFFICE					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.1.1						
**GS900983117411.001	SOUTHERN GREAT BASIN SEISMOLOGICAL DATA REPORT FOR 1980 AND PRELIMINARY DATA ANALYSIS, BY A.M. ROGERS, S.C. HARMSEN, AND W.J. CARR. ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/81-06/21/81	USGS STANDARD COLLECTION METHODS. EARTHQUAKE DATA FOR THE CALENDAR YEAR 1980 AND EARTHQUAKES OCCURING WITHIN AND ADJACENT TO THE SOUTHERN NEVADA SEISMOGRAPH NETWORK.	D	N	T
**GS900983117411.003	SOUTHERN GREAT BASIN SEISMOLOGICAL DATA REPORT FOR 1981 AND PRELIMINARY DATA ANALYSIS BY A.M. ROGERS, S.C. HARMSEN, W.J. CARR AND W. SPENCE ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/81-12/31/81	EARTHQUAKE DATA OCCURING WITHIN AND ADJACENT TO THE SOUTHERN GREAT BASIN SEISMOLOGICAL NETWORK.	D	N	T
**GS900983117411.005	EARTHQUAKE LOCATION DATA FOR THE SOUTHERN GREAT BASIN OF NEVADA AND CALIFORNIA: 1984 THROUGH 1986, BY S.C HARMSEN AND A.M. ROGERS ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/87-05/05/87	USGS STANDARD COLLECTION METHODS.	D	N	T
*GS940983117412.007	SEISMICITY IN THE SOUTHERN GREAT BASIN, 1868 - 1992, BY D. VON SEGGERN AND J. BRUNE ACQN/DEVL LOCATION : UNR, RENO, NV	01/01/94-07/29/94	ANALYSIS AND INTERPRETATION OF PUBLISHED SEISMIC DATA FOR THIS AREA	D	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.1.2						
**GS900983117411.001	SOUTHERN GREAT BASIN SEISMOLOGICAL DATA REPORT FOR 1980 AND PRELIMINARY DATA ANALYSIS, BY A.M. ROGERS, S.C. HARMSEN, AND W.J. CARR. ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/81-06/21/81	USGS STANDARD COLLECTION METHODS. EARTHQUAKE DATA FOR THE CALENDAR YEAR 1980 AND EARTHQUAKES OCCURING WITHIN AND ADJACENT TO THE SOUTHERN NEVADA SEISMOGRAPH NETWORK.	D	N	T
**GS900983117412.047	LOCATION REFINEMENT OF EARTHQUAKES IN THE SOUTHWESTERN GREAT BASIN, 1931-1974, AND SEISMOTECTONIC CHARACTERISTICS OF SOME OF THE IMPORTANT EVENTS, BY G.W. GAWTHROP AND W.J. CARR ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/87-01/01/88	USGS STANDARD COLLECTION METHODS.	D	N	T
*GS920983117412.030	EARTHQUAKE DEVELOCORDER FILM OF THE SOUTHERN GREAT BASIN DATED FROM JULY 17, 1992 TO SEPTEMBER 3, 1992. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN SEISMIC NETWORK	07/17/92-09/03/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A	Y	P
*GS941083117412.008	1993 ROCK VALLEY EARTHQUAKE SEQUENCE: SOUTHERN NEVADA TEST SITE, 5/15/93-9/1/93 ACQN/DEVL LOCATION : 34 45.64'N 116 02.69'W 36 43.37'N 116 07.72'W	05/15/93-09/01/93	SN-0047, ROCK VALLEY EARTHQUAKES	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFICATION	LOCATION
*GS941183117412.009	A SEQUENCE OF VERY SHALLOW EARTHQUAKES IN THE ROCK VALLEY FAULT ZONE SOUTHERN NEVADA TEST SITE, BY K.D. SMITH AND J.N. BRUNE ACQN/DEVL LOCATION : UNR, RENO, NV	01/01/94-06/15/94	EVALUATION OF VERY SHALLOW EARTHQUAKES IN THE ROCK VALLEY FAULT ZONE	D	Y	P
*GS941183117412.010	MAIN SHOCK SOURCE PARAMETERS AND AFTERSHOCK RELOCATIONS OF THE 1992 LITTLE SKULL MOUNTAIN EARTHQUAKE SEQUENCE, BY K.D. SMITH, J.N. BRUNE, M.K. SAVAGE, R. ANOOSHEHPOOR AND A.F. SHEEHAN ACQN/DEVL LOCATION : UNR, RENO, NV	09/01/93-09/01/94	ANALYSIS OF THE 1992 LITTLE SKULL MOUNTAIN EARTHQUAKE	D	Y	P
*GS941183117412.011	PRELIMINARY RESULTS FROM THE NPE-RYAN REVERSED REFRACTION PROFILE, BY K.D. SMITH, LI LI, J.N. BRUNE, R. ANOOSHEHPOOR AND M.K. SAVAGE ACQN/DEVL LOCATION : UNR, RENO, NV	09/01/93-09/01/94	FIRST ARRIVAL TIMES FROM THE NPE-RYAN EXPLOSIONS ARE USED TO MODEL THE VELOCITY STRUCTURE OF THE UPPER CRUST IN AND AROUND YUCCA MOUNTAIN	D	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.3						
*GS940783117462.004	PROFILE DATA ON SCARP MORPHOLOGY FROM STUDY OF TRENCHES AND EXPOSURES, 11/93 - 5/94 ACQN/DEVL LOCATION : A1 BBW-E1 BBW-E2 MWV-T3 MWV-T4 SCR-T1 SCR-T2 SCR-T3 T-14D T4	11/16/93-05/04/94	GP-52,R0, TOPOGRAPHIC PROFILING OF GEOMORPHIC FEATURES - FIELD MEASUREMENTS	A	Y	P
Activity - 8.3.1.17.4.3.1						
**GS900983117431.001	DATA REPORT FOR THE 1985 SEISMIC REFRACTION EXPERIMENT AT YUCCA MOUNTAIN AND VICINITY, SOUTHWESTERN NEVADA, BY VICKIE D. SUTTON. ACQN/DEVL LOCATION : USGS, DENVER, CO	02/01/85-12/31/85	USGS STANDARD METHODS.	D	N	T
**GS900983117431.003	DATA REPORT FOR THE 1983 SEISMIC-REFRACTION EXPERIMENT AT YUCCA MOUNTAIN, BEATTY AND VICINITY, SOUTHWESTERN NEVADA, BY V.D. SUTTON. ACQN/DEVL LOCATION : USGS, MENLO PARK, CA	01/01/84-08/02/84	USGS STANDARD METHOD. INCLUDES RECORD SECTIONS FROM THE TEN SHOTPOINTS, A LIST OF SHOTPOINT LOCATIONS AND TIMES, DKDAT DATA FILES AND TAPE GRADE CODE AND A LIST OF FIRST-ARRIVAL TRAVEL TIME PICKS.	D	N	T

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.3.2						
**GS940683117432.001	SCARP PROFILE DATA AND GEOLOGIC MAP FOR THE DEATH VALLEY AND FURNACE CREEK FAULT ZONES, DEATH VALLEY, CALIFORNIA	03/20/93-03/20/93 03/23/93-03/23/93 03/25/93-03/25/93 03/01/94-05/05/94	TECHNICAL PROCEDURE NWM-USGS GP-52,R0, TOPOGRAPHIC PROFILING OF GEOMORPHIC FEATURES - FIELD MEASUREMENTS (PROFILES WERE MEASURED USING THE DIFFERENTIAL LEVELING METHOD.); GP-01,R2, GEOLOGIC MAPPING, AND GP-50,R0, IDENTIFICATION OF GEOMORPHIC FEATURES OF POSSIBLE TECTONIC ORIGIN USING CONVENTIONAL AND LOW-SUN-ANGLE VERTICAL AERIAL PHOTOGRAPHS.	A	Y	C
	ACQN/DEVL LOCATION : 36 04'N 117 15'W ;36 52'N 116 45'W					
Activity - 8.3.1.17.4.3.4						
**GS940683117434.002	BARE MOUNTAIN FAULT SCARP PROFILE DATA, 10/24/93 - 10/29/93	10/24/93-10/29/93	TECHNICAL PROCEDURE NWM-USGS GP-52,R0, TOPOGRAPHIC PROFILING OF GEOMORPHIC FEATURES - FIELD MEASUREMENTS. PROFILES WERE MEASURED USING THE TRIGONOMETRIC LEVELING OR TRIANGULATION METHOD. COMPUTER PRINT-OUTS WERE PRODUCED USING NON-SES-BASED SOFTWARE CALLED GRAPHER V4.5E.	A	Y	T
	ACQN/DEVL LOCATION : BMT-1 BMT-3 BMTP-9					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.4						
*GS940783117462.004	PROFILE DATA ON SCARP MORPHOLOGY FROM STUDY OF TRENCHES AND EXPOSURES, 11/93 - 5/94	11/16/93-05/04/94	GP-52,R0, TOPOGRAPHIC PROFILING OF GEOMORPHIC FEATURES - FIELD MEASUREMENTS	A	Y	P
	ACQN/DEVL LOCATION : A1 BBW-E1 BBW-E2 MWV-T3 MWV-T4 SCR-T1 SCR-T2 SCR-T3 T-14D T4					
Activity - 8.3.1.17.4.5.2						
**GS910931174121.001	GEOLOGIC MAP OF BARE MOUNTAIN, NYE COUNTY, NEVADA, BY SUSAN A. MONSEN, MICHAEL D. CARR, MARITH C. REHEIS, AND P.P. ORKILD	01/01/89-01/01/90	REPORT CONTAINS STRATIGRAPHIC DESCRIPTIONS SUPPORTED BY ISOTOPICALLY DATED SAMPLES.	D	N	C
	ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, MENLO PARK, CA					
**GS940683117452.004	ELECTRON MICROPROBE ANALYSIS OF MINERALS FROM BARE MOUNTAIN, APRIL '94	04/05/94-04/27/94	SN-0035 "THERMOBAROMETRIC AND KINEMATIC STUDIES OF METAMORPHIC ROCKS AT BARE MOUNTAIN AND PROXIMAL SITES"	A	Y	C
	ACQN/DEVL LOCATION : NORTHERN ARIZONA UNIVERSITY, FLAGSTAFF, AZ					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.6.1						
**GS931183117461.004	FAULT MAP OF THE YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA BY F.W. SIMONDS, J. WHITNEY, K. FOX, A. RAMELLI, J. YOUNT, M. CARR, C. MENGES, R. DICKERSON AND R. SCOTT. ACQN/DEVL LOCATION : USGS, DENVER, CO	07/01/93-08/31/93	MAP WAS PLOTTED FROM THE INFORMATION OBTAINED THROUGH FIELD OBSERVATIONS.	D	Y	C
*GS940783117462.004	PROFILE DATA ON SCARP MORPHOLOGY FROM STUDY OF TRENCHES AND EXPOSURES, 11/93 - 5/94 ACQN/DEVL LOCATION : A1 BBW-E1 BBW-E2 MWV-T3 MWV-T4 SCR-T1 SCR-T2 SCR-T3 T-14D T4	11/16/93-05/04/94	GP-52,R0, TOPOGRAPHIC PROFILING OF GEOMORPHIC FEATURES - FIELD MEASUREMENTS	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.6.2						
*GS940783117462.004	PROFILE DATA ON SCARP MORPHOLOGY FROM STUDY OF TRENCHES AND EXPOSURES, 11/93 - 5/94 ACQN/DEVL LOCATION : A1 BBW-E1 BBW-E2 MWV-T3 MWV-T4 SCR-T1 SCR-T2 SCR-T3 T-14D T4	11/16/93-05/04/94	GP-52,R0, TOPOGRAPHIC PROFILING OF GEOMORPHIC FEATURES - FIELD MEASUREMENTS	A	Y	P
Activity - 8.3.1.17.4.12.1						
**GS910931174121.001	GEOLOGIC MAP OF BARE MOUNTAIN, NYE COUNTY, NEVADA, BY SUSAN A. MONSEN, MICHAEL D. CARR, MARITH C. REHEIS, AND P.P. ORKILD ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, MENLO PARK, CA	01/01/89-01/01/90	REPORT CONTAINS STRATIGRAPHIC DESCRIPTIONS SUPPORTED BY ISOTOPICALLY DATED SAMPLES.	D	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.19.1.1						
*LL941100104241.003	TWO TABLES SHOW: 1) ALBITE DISSOLUTION RATES AT 70C, AND 2) RATE CONSTANTS AND ACTIVATION ENTHALPIES FOR ALBITE DISSOLUTION. TWO FIGURES SHOWING: 1) PLOT OF LIMITING RATES VERSUS PH, AND 2) TENTATIVE MODEL FOR ALBITE DISSOLUTION LIMITING RATES AS A FUNCTION OF PH AND TEMPERATURE IN THE RANGE 25-200 C. ACQN/DEVL LOCATION : LLNL	02/22/82-03/24/83	THE DISSOLUTION RATE OF ALBITE WAS MEASURED AS A FUNCTION OF PH AND TIME AT 25 C AND 70C IN A SINGLE-PASS FLOW-THROUGH LEACHING APPARATUS. RUN TIMES EXTENDED TO 50 DAYS IN EACH EXPERIMENT.	A	N	P
*LL941100204241.004	DEPENDENCE OF ALBITE DISSOLUTION KINETICS ON PH AND TIME AT 25 C AND 70 C. ACQN/DEVL LOCATION : LLNL	02/22/82-03/24/83	THE DISSOLUTION RATE OF ALBITE WAS MEASURED AS A FUNCTION OF PH AND TIME AT 25 C AND 70 C IN A SINGLE-PASS FLOW-THROUGH LEACHING APPARATUS. RUN TIMES EXTENDED TO 50 DAYS IN EACH EXPERIMENT.	D	N	P
*LL941100304241.005	THREE TABLES SHOW: 1) THE DISSOLUTION RATES AS A FUNCTION OF TIME. 2) LIMITING RATES AS A FUNCTION OF 70 C PH, AND 3) RATE CONSTANTS, ACTIVATION ENTHALPIES AND ENERGIES FOR QUARTZ HYDROLYSIS. ACQN/DEVL LOCATION : LLNL	06/04/84-11/27/84	A SINGLE-PASS, FLOW-THROUGH APPARATUS WAS USED TO DETERMINE THE DISSOLUTION RATE OF QUARTZ AT 70 C AS A FUNCTION OF PH AND TIME. DISSOLUTION RATE DATA WERE OBTAINED OVER A RANGE OF PH IN NINE SEPARATE EXPERIMENTS EACH LASTING 50 DAYS.	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*LL941100404241.006	THE DISSOLUTION KINETICS OF QUARTZ AS A FUNCTION OF PH AND TIME AT 70 C.	06/04/84-11/27/84	A SINGLE-PASS, FLOW-THROUGH APPARATUS WAS USED TO DETERMINE THE DISSOLUTION RATE OF QUARTZ AT 70 C AS A FUNCTION OF PH AND TIME. DISSOLUTION RATE DATA WERE OBTAINED OVER A RANGE OF PH IN NINE SEPARATE EXPERIMENTS EACH LASTING 50 DAYS.	D	N	P
	ACQN/DEVL LOCATION : LLNL					
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	P
	ACQN/DEVL LOCATION : LLNL					
Activity - 8.3.1.19.2.2						
*LL941109904242.008	ELECTRICAL PROPERTY MEASUREMENTS OF PARTIALLY SATURATED TUFF.	11/04/93-04/15/94	ELECTRICAL MEASUREMENTS WERE MADE AS A FUNCTION OF SATURATION USING HP LCR METER AND EG7G IMPEDANCE MEASURING SYSTEM. SAMPLES NUMBERED #0016253: USW-GU3 BOX 123, DEPTH 1082.1 - 1083.1' AND #0017349: USW-G-4, DEPTH 1226.6 - 1226.8'.	A	N	P
	ACQN/DEVL LOCATION : LLNL					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.19.4.1						
*LL940909404244.002	NEUTRON LOGGING OF INSTRUMENT HOLES FOR LARGE BLOCK TEST. DESCRIBES SAWING RATES AND SPEEDS FOR THE ROCK SAW. IS A DAILY LOG OF CONSTRUCTION ACTIVITIES. ACQN/DEVL LOCATION : FRAN RIDGE, LARGE BLOCK TEST	12/20/93-07/22/94	DONE UNDER LLNL-YMP ACTIVITY AP-LBT-01, SIP-NF-2. USED TI-NF-31 FOR NEUTRON LOGGING. USED SAFETY OPERATING PROCEDURE TO CUT ROCK.	A	N	P
Activity - 8.3.1.19.5.1						
*LL940803904245.001	EXPERIMENTS OF DIESEL FUEL HYDROUS PYROLYSIS. CONTAINS EXPERIMENTAL PROCEDURES FOR EXPERIMENTS DF2, DF3, DF4, DF5, AND DF6. INFORMATION RECORDS TIME AND DATA AND AMOUNT OF THE TYPE OF SAMPLES TAKEN. ACQN/DEVL LOCATION : LLNL, LIVERMORE, CA.	08/05/93-08/29/94	DICKSON-TYPE AUTOCLAVES ARE USED TO INVESTIGATE THE DESTRUCTION OF ORGANIC COMPOUNDS AT ELEVATED TEMPERATUES TO DETERMINE THE CONSEQUENCE OF DIESEL SPILLS IN THE ESF OR REPOSITORY.	A	N	P
Activity - 8.3.2.2.1.4						
*SNL02040792001.001	EXPERIMENTAL MEASUREMENTS OF FRICTIONAL SLIDING IN A POLYCARBONATE ROCK MASS MODEL. ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM	12/02/91-08/10/94	THE GEOMETRIC MOIRE METHOD IS IMPLEMENTED ON THE COMPUTER FOR THE ANALYSIS OF DISPLACEMENTS IN TWO DIMENSIONS.	A	N	C
**SNSAND86101500.000	SAND86-1015: "SUMMARY OF GEOMECHANICAL MEASUREMENTS TAKEN IN AND AROUND THE G-TUNNEL UNDERGROUND FACILITY, NTS". NNA.870526.0015 ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM	02/01/81-05/01/87	FIVE FIELD TESTING PROGRAMS WERE INITIATED IN THE GTUF, THESE ARE; GEOTECHNICAL MEASUREMENTS, SMALL-DIAMETER HEATER EXPERIMENTS, HEATED BLOCK EXPERIMENT, PRESSURIZED SLOT EXPERIMENT, AND WELDED TUFF MINING EVALUATIONS.	D	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*SNSAND93115700.000	SAND93-1157: "GEOMETRIC MOIRE METHOD OF STRAIN ANALYSIS WITH DISPLACEMENT DISCONTINUITIES." ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM	01/01/93-08/01/94	THE GEOMETRIC MOIRE METHOD IS IMPLEMENTED ON THE COMPUTER FOR THE ANALYSIS OF DISPLACEMENTS IN TWO DIMENSIONS.	D	N	C
*SNSAND93236500.000	SAND93-2365: "LABORATORY MEASUREMENTS OF FRICTIONAL SLIP ON INTERFACES IN A POLYCARBONATE ROCK MASS MODEL." ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM	01/01/93-08/01/94	GEOMETRICAL METHOD OF ANALYSIS OF MOIRE FRINGE ANALYSIS WAS USED TO EVALUATE THE MAGNITUDE & EXTENT OF FRICTIONAL SLIDING IN A LAYERED POLYCARBONATE ROCK MASS MODEL CONTAINING A CIRCULAR HOLE. SLIPS WERE OBSERVED IN CONFINED ZONES AROUND THE HOLE AND MICRON RESOLUTIONS WERE OBTAINED. A DIGITAL VIDEO IMAGE CAPTURE SYSTEM WAS USED TO RECORD IMAGES OF THE FRINGE PATTERNS DIRECTLY ONTO THE COMPUTER.	D	N	C
Activity - 8.3.2.4.1.1						
*SNSAND92224700.000	SAND92-2247 "EFFECT OF BOUNDARY CONDITIONS ON THE STRENGTH AND DEFORMABILITY OF REPLICAS OF NATURAL FRACTURES IN WELDED TUFF. COMPARISON BETWEEN PREDICTED & OBSERVED SHEAR BEHAVIOR USING A GRAPHICAL METHOD." ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM UNIVERSITY OF COLORADO, BOULDER, CO	08/01/90-06/01/93	FOUR SERIES OF CYCLIC DIRECT-SHEAR EXPERIMENTS CONDUCTED ON REPLICAS OF 3 NATURAL FRACTURES & A LABORATORY-DEVELOPED TENSILE FRACTURE OF WELDED TUFF FROM YUCCA MTN., NV TO TEST THE GRAPHICAL-LOAD-DISPLACEMENT ANALYSIS METHOD. BASED ON RESULTS OF SHEAR TESTS CONDUCTED ON JOINT REPLICAS UNDER DIFFERENT LEVELS OF CONSTANT NORMAL LOAD RANGING FROM 0.6 & 25.6 KIPS, THE SHEAR BEHAVIOR OF JOINT REPLICAS UNDER CONSTANT NORMAL STIFFNESS (14.8 & 187.5 KIPS/IN) WAS PREDICTED USING THE GRAPHICAL METHOD. PREDICTIONS WERE COMPARED TO THE RESULTS OF ACTUAL SHEAR TESTS CONDUCTED FOR THE SAME RANGE OF CONSTANT NORMAL STIFFNESS.	D	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*SNSAND93707900.000	SAND93-7079: "EFFECT OF BOUNDARY CONDITIONS ON THE STRENGTH AND DEFORMABILITY OF REPLICAS OF NATURAL FRACTURES IN WELDED TUFF: DATA ANALYSIS."	08/01/90-06/01/93	CYCLIC DIRECT SHEAR EXPERIMENTS WERE CONDUCTED ON REPLICAS OF THREE NATURAL FRACTURES AND A LABORATORY-DEVELOPED TENSILE FRACTURE OF WELDED TUFF. TESTS WERE CARRIED OUT UNDER CONSTANT NORMAL LOADS OR CONSTANT NORMAL STIFFNESS WITH DIFFERENT INITIAL LOAD LEVELS. EACH TEST CONSISTED OF 5 CYCLES OF FORWARD AND REVERSE MOTION.	D	N	P
	ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM UNIVERSITY OF COLORADO, BOULDER, CO					
Activity - 8.3.3.2.2.3						
**SNL10012694001.001	TEMPERATURES ALONG PROBES 1,3 AND 6 DURING THE HEATED BACKFILL EXPERIMENT.	03/01/94-04/01/94	LARGE STEEL CYLINDER WAS FILLED WITH CRUSHED TUFFACEOUS ROCK. THERMOCOUPLES PLACED ALONG PROBES IN THE ROCK RECORDED TEMPERATURES THROUGHOUT THE EXPERIMENT.	A	N	C
	ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM					
*SNL10012694001.002	SUMMARY DATA SHEET: FRAN RIDGE OUTCROP AND FIRE BRICK (THERMAL PROPERTIES) - AVERAGE GRAIN DENSITY TESTS	03/08/94-03/08/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A	Y	P
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT					
*SNL10012694001.003	REPORT ON ANALYSIS OF SAMPLE FR-88-62-SNL (SUPPORTING WA-111)	02/08/94-05/17/94	VISUAL EXAMINATION; X-RAY DIFFRACTION (XRD); X-RAY FLUORESCENT TEST	A	Y	P
	ACQN/DEVL LOCATION : U.N.M., ALBUQUERQUE, NM					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*SNL10012694001.004	BENCH SCALE BACKFILL CONDUCTIVITY TEST (WA-111, REV.00)	06/08/94-07/08/94	MEASUREMENT OF THERMAL CONDUCTIVITY OF GEOLOGIC SAMPLES BY THE GUARDED-HEAT-FLOW-METER METHOD AS PER TP-202; VACUUM SATURATION OF SAMPLES PER TP-064; OVEN-DRYING OF SAMPLES PER TP-065; VOLUME, CALCULATIONAL METHOD PER TP-200. SATURATION LEVEL IS CALCULATED BY DIVIDING (TEST WEIGHT-DRY WEIGHT) BY (SATURATED WEIGHT-DRY WEIGHT). POROSITY EQUALS (SATURATED WEIGHT-DRY WEIGHT) DIVIDED BY VOLUME.	A	Y	P
	ACQN/DEVL LOCATION : HOLOMETRIX, BEDFORD, MA					
Activity - 8.3.5.9.1.1						
*LL941106305911.000	INFORMATION CONTAINS OXIDATION STUDIES OF CONTAINER MATERIALS FOR HIGH LEVEL NUCLEAR WASTE CONTAINERS.	11/22/93-11/03/94	A COMMERCIAL TGA AND THE INTEGRATED SOFTWARE ASSOCIATED WITH THE TGA ARE BEING USED TO ACQUIRE THE DATA. LLNL SIP-CM-01 AND ACTIVITY E-20-15 ARE BEING FOLLOWED.	A	N	P
	ACQN/DEVL LOCATION : LLNL					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.5.10.2.1						
*LL940804051021.000	THE INTRINSIC DISSOLUTION KINETICS OF UO2 WERE STUDIED UNDER A WIDE RANGE OF CONTROLLED ALKALINE CONDITIONS BETWEEN 25 AND 75 DEGREES, USING THE SINGLE-PASS FLOW-THROUGH METHOD ACQN/DEVL LOCATION : LLNL, LIVERMORE, CA	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 UO2 DISSOLUTION.	A	Y	P
*LL940901451021.001	EMPIRICAL DATA TO SUPPORT MODELING OF UO2 AQUEOUS DISSOLUTION OVER A WIDE RANGE OF CONDITIONS ACQN/DEVL LOCATION : LLNL, LIVERMORE, CA	07/10/92-11/12/93	DONE UNDER LLNL-YMP ACTIVITY D-20-53A, SIP-WF-01. THE INTRINSIC DISSOLUTION KINETICS OF UO2 WERE STUDIED UNDER A WIDE RANGE OF CONTROLLED ALKALINE CONDITIONS BETWEEN 25 AND 75 DEGREES, USING THE SINGLE-PASS FLOW-THROUGH METHOD.	D	Y	P
*LL941015651021.002	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. ACQN/DEVL LOCATION : LLNL	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 UO2 DISSOLUTION RATES.	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.5.10.2.2						
*LL941107951022.003	THE REACTION OF GLASS IN A GAMMA IRRADIATED SATURATED TUFF ENVIRONMENT, PART II DATA PACKAGE FOR ATM-1C AND ATM-8 GLASSES. ACQN/DEVL LOCATION : ARGONNE NATIONAL LABORATORY	01/01/84-01/01/87	EXPERIMENTS WERE CONDUCTED AT EXPOSURE RATES RANGING BETWEEN 2 X 10(5) AND O R/H. EXPERIMENTS WERE PERFORMED OVER A PERIOD OF FOUR YEARS.	A	N	P
*LL941108051022.004	THE REACTION OF REFERENCE COMMERCIAL NUCLEAR WASTE GLASSES DURING GAMMA IRRADIATION IN A SATURATED TUFF ENVIRONMENT. ACQN/DEVL LOCATION : ARGONNE NATIONAL LABORATORY	01/01/84-01/01/87	EXPERIMENTS WERE CONDUCTED AT EXPOSURE RATES OF 2 X 10(5), 1 X 10 (3), AND O R/H. EXPERIMENTS WERE PERFORMED USING ACTINIDE-CONTAINING GLASSES ATM-1C AND ATM-8 FOR TIME PERIODS UP TO 278 DAYS.	D	N	P
Activity - 8.3.5.10.3.2.1						
*LL940909251032.000	PRELIMINARY EXPERIMENTS TO DETERMINE STABILITY CONSTANTS FOR AMERICIUM-HYDROLYSIS COMPLEXES AS A FUNCTION OF TEMPERATURE. ACQN/DEVL LOCATION : LLNL, LIVERMORE, CA.	11/01/90-09/01/91	DONE UNDER LLNL-YMP ACTIVITY J-20.8.1, SIP-2. METHODS INCLUDE: NH2OH HCL BUFFER I = 0.5M NACLO4.	A	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
Activity - 8.3.5.10.5.1						
*LL940803651051.001	FLOW PROPERTIES OF SAW CUT TOPOPAH SPRING TUFF SAMPLES AT AMBIENT TEMPERATURE.	06/25/92-09/11/92	LABORATORY EXPERIMENTAL FLOW TEST APPARATUS. SAMPLE NOT A NATURALLY FRACTURED SAMPLE. PERMEATING FLUID WAS DEIONIZED WATER. THE GROWTH OF BACTERIA IN THE SAW CUT RESULTED IN SIGNIFICANT PERMEABILITY DECREASES. TEST 040293 FOR 1050 HOURS AND TEST 052793 FOR 1400 HOURS. SAMPLE NUMBER ID IS 00117344.	A	N	P
	ACQN/DEVL LOCATION : LLNL, LIVERMORE, CA					
*LL940803851051.002	FLOW PROPERTIES OF SAW CUT TOPOPAH SPRING TUFF SAMPLE AT AMBIENT TEMPERATURE.	04/02/93-07/22/93	LABORATORY EXPERIMENTAL FLOW TEST APPARATUS. TEST 040293 FOR 1050 HOURS. TEST 052793 FOR 1400 HOURS.	D	N	P
	ACQN/DEVL LOCATION : LLNL, LIVERMORE, CA					
Activity - 8.3.5.10.5.2						
**LLLLYMP9104035.000	LABORATORY DETERMINED SUCTION POTENTIAL OF TOPOPAH SPRINGS TUFF AT HIGH TEMPERATURES.	01/01/81-12/13/89	LABORATORY MEASUREMENTS OF SUCTION POTENTIAL.	D	N	T
	ACQN/DEVL LOCATION : LLNL					

SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
**GS900901233446.001	TRIAXIAL-COMPRESSION EXTRACTION OF PORE WATER FROM UNSATURATED TUFF, YUCCA MOUNTAIN, NEVADA, BY I.C. YANG, A.K. TURNER, T.M. SAYRE AND PARVIZ MONTAZER ACQN/DEVL LOCATION : USGS, DENVER, CO	06/01/87-12/31/87	THIS REPORT IS A DETAILED DESCRIPTION OF THE METHOD USED IN THIS STUDY.	D	N	T
*GS940912331210.005	PNEUMATIC TESTING IN 45-DEGREE INCLINED BOREHOLES IN ASH-FLOW TUFF NEAR SUPERIOR, AZ ACQN/DEVL LOCATION : USGS, DENVER, CO	06/01/92-03/01/93	HAND CALCULATIONS OF RAW DATA	D	N	P
**SNF30050393001.005	SNL NORTH RAMP STARTER TUNNEL ROCK-MASS MONITORING DATA: PLOTS OF DRIFT CONVERGENCE AND CONVERGENCE RATE FOR ESF STARTER TUNNEL; AND PLOTS OF ROCK BOLT LOAD CELLS. ACQN/DEVL LOCATION : NEVADA TEST SITE-NORTH PORTAL/ESF STARTER TUNNEL, YUCCA MTN	06/01/93-07/06/94	MAKE DISPLACEMENT MEASUREMENTS USING A TAPE EXTENSOMETER; CHECK ROCK BOLT LOAD CELL DATA BY READINGS WITH A VOLTMETER. A PORTION OF THIS DATA WAS COLLECTED ON A DATA LOGGER, MODEL: CAMPBELL CR-10.	A	N	C

SOCIOECONOMIC PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	LOCATION
*TM00121361T1FB.001	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY EMPLOYMENT DATA REPORT, JULY 1994 THROUGH SEPTEMBER 1994 ACQN/DEVL LOCATION : M&O/SAIC	07/01/94-09/30/94	MONITORING OF YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SOCIOECONOMIC PLAN	A	Y	P

APPENDIX A

SITE CHARACTERIZATION PROGRAM BASELINE ACTIVITY NUMBERS AND NAMES

ACTIVITY NO.	ACTIVITY NAME
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
8.3.1.2.2.1.1	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

ACTIVITY NO.	ACTIVITY NAME
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
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
8.3.1.3.1.1	Ground-water chemistry model

ACTIVITY NO.	ACTIVITY NAME
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
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

ACTIVITY NO.	ACTIVITY NAME
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
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

ACTIVITY NO.	ACTIVITY NAME
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
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
8.3.1.8.3.2.2	Assessment of the effects of igneous intrusions on water-table elevations

ACTIVITY NO.	ACTIVITY NAME
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
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

ACTIVITY NO.	ACTIVITY NAME
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
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
8.3.1.15.1.7.1	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

ACTIVITY NO.	ACTIVITY NAME
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
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

ACTIVITY NO.	ACTIVITY NAME
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
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

ACTIVITY NO.	ACTIVITY NAME
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
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

ACTIVITY NO.	ACTIVITY NAME
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
8.3.5.4.1.1	Refinement of site data parameters required for Issue 2.2
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

ACTIVITY NO.	ACTIVITY NAME
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: 1st QUARTER, FY 1995

DATA TRACKING NO.	DATA ITEM DESCRIPTION
GS900908314211.012	STRATIGRAPHIC CORRELATION AND PETROGRAPHY OF THE BEDDED TUFFS, YUCCA MOUNTAIN, NYE COUNTY, NEVADA
GS900908314222.001	FRACTURES IN OUTCROPS IN THE VICINITY OF DRILL HOLE USW G-4, YUCCA MOUNTAIN, NEVADA, DATA ANALYSIS AND COMPILATION
GS900908315142.002	URANIUM-TREND DATING OF QUATERNARY DEPOSITS IN THE NEVADA TEST SITE AREA, NEVADA AND CALIFORNIA
GS900983117411.001	SOUTHERN GREAT BASIN SEISMOLOGICAL DATA REPORT FOR 1980 AND PRELIMINARY DATA ANALYSIS
GS900983117411.003	SOUTHERN GREAT BASIN SEISMOLOGICAL DATA REPORT FOR 1981 AND PRELIMINARY DATA ANALYSIS
GS900983117411.005	EARTHQUAKE LOCATION DATA FOR THE SOUTHERN GREAT BASIN OF NEVADA AND CALIFORNIA: 1984 THROUGH 1986
GS900983117412.047	LOCATION REFINEMENT OF EARTHQUAKES IN THE SOUTHWESTERN GREAT BASIN, 1931-1974, AND SEISMOTECTONIC CHARACTERISTICS OF SOME OF THE IMPORTANT EVENTS
GS900983117431.001	DATA REPORT FOR THE 1985 SEISMIC REFRACTION EXPERIMENT AT YUCCA MOUNTAIN AND VICINITY, SOUTHWESTERN NEVADA
GS900983117431.003	DATA REPORT FOR THE 1983 SEISMIC-REFRACTION EXPERIMENT AT YUCCA MOUNTAIN, BEATTY AND VICINITY, SOUTHWESTERN NEVADA
GS930108312111.003	PRECIPITATION DEPTH IN INCHES FOR EVENTS BETWEEN 10/01/91 AND 09/30/92
LA000000000038.001	GROUND WATER CHEMISTRY ALONG FLOW PATHS BETWEEN A PROPOSED REPOSITORY SITE AND THE ACCESSIBLE ENVIRONMENT

DATA TRACKING NO.	DATA ITEM DESCRIPTION
LLLLYMP9104035.000	LABORATORY DETERMINED SUCTION POTENTIAL OF TOPOPAH SPRINGS TUFF AT HIGH TEMPERATURES
SNF29041993002.011	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ESTIMATED ROCK MASS QUALITY INDICES BASED ON CORE LOG DATA HOLES UE25 NRG-1, -2, -2A, -3, -4, -5 AND USW NRG-6

APPENDIX C

SUPERSEDED DATA ITEMS

DTN	SUPERSEDING DTN	CHANGE DESCRIPTION
GS940108312212.005	GS940708312212.011	Updates equation for calculating volumetric water content
GS930108312212.004	GS940708312212.011	Updates equation for calculating volumetric water content
GS940108312212.006	GS940708312212.011	Updates equation for calculating volumetric water content
GS900908312232.001	GS930708314211.031	Converts data measurements to metric in Lithologic Log, Table 3
*GS931208314211.047	GS940608314211.026	Corrects contact altitude calculation
SNT01122093001.001	SNT01122093001.002	Includes additional data
SNF29041993002.013	SNF29041993002.021	Includes additional data
SNL01B05059301.002	SNL01B05059301.003	Converts digital data to graphical format
SNL01A05059301.001	SNL01A05059301.002	Additional data based on expanded sample size

* Indicates data items superseded during current quarter.

DTN	SUPERSEDING DTN	CHANGE DESCRIPTION
*SNF29041993002.011	SNF29041993002.030	Includes additional data
*SNF29041993002.012	SNF29041993002.031	Includes additional data
*SNF29041993002.020	SNF29041993002.032	Includes additional data
*TM000019911992.001	TM000019921993.001	Additional biota data for 1992 and 1993

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L. W. Bradshaw, Nye County, Tonopah, NV
Florindo Mariani, White Pine County, Ely, NV
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William Offutt, Nye County, Tonopah, NV
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F. H. Swan, Geomatrix, San Francisco, CA
Benjamin Ross, DSI, Washington, DC
C. E. Russell, DRI, Las Vegas, NV
P. E. Wigand, DRI, Reno, NV
C. E. Ezra, EG&G/EM, Las Vegas, NV
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J. T. Fabryka-Martin, LANL, Los Alamos, NM
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B. A. Robinson, LANL, Los Alamos, NM
Sid Weaver, LANL, Los Alamos, NM
M. E. Herrera, LANL, Los Alamos, NM
B. M. Crowe, LANL, Las Vegas, NV
N. Z. Elkins, LANL, Las Vegas, NV
R. D. Oliver, LANL, Las Vegas, NV
D. C. Guerin, LATA, Albuquerque, NM
G. S. Bodvarsson, LBL, Berkeley, CA
T. N. Narasimhan, LBL, Berkeley, CA
Karsten Preuss, LBL, Berkeley, CA
Chin-Fu Tsang, LBL, Berkeley, CA
J. S. Wang, LBL, Berkeley, CA
E. F. Campbell, LLNL, Livermore, CA

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J. W. Johnson, LLNL, Livermore, CA
M. A. Revelli, LLNL, Livermore, CA
J. A. Blink, LLNL, Las Vegas, NV
P. W. Eslinger, PNL, Richland, WA
W. C. Kopatich, RSN, Las Vegas, NV (2)
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J. K. Statler, M&O/SAIC, Las Vegas, NV
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H. A. Benton, M&O/B&W, Las Vegas, NV
T. M. Williamson, M&O/Duke, Las Vegas, NV
P. A. Pimentel, M&O/Fluor, Las Vegas, NV
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K. K. Bhattacharyya, M&O/M-K, Las Vegas, NV
J. L. Naaf, M&O/M-K, Las Vegas, NV
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D. C. Gillies, USGS, Denver, CO
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J. S. Stuckless, USGS, Denver, CO
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L. R. Hayes, USGS, Las Vegas, NV
D. T. Hoxie, USGS, Las Vegas, NV
D. W. Duncan, AMEM, NV
W. E. Barnes, YMSCO, NV
T. W. Bjerstedt, YMSCO, NV
S. J. Brocoum, YMSCO, NV (2)
W. R. Dixon, YMSCO, NV
J. R. Dyer, YMSCO, NV
T. I. Fortner, YMSCO, NV
S. B. Jones, YMSCO, NV
R. M. Nelson, YMSCO, NV
J. M. Replogle, YMSCO, NV
R. E. Spence, YMQAD, NV
D. R. Williams, YMSCO, NV
YMSCO Library, YMSCO, NV