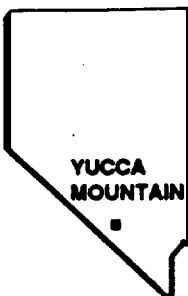


*rec'd by [unclear] letter  
date 11/30/92*

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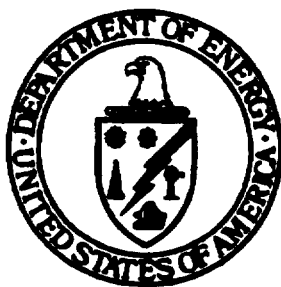
**YUCCA MOUNTAIN**



**YUCCA MOUNTAIN  
SITE CHARACTERIZATION  
PROJECT**

**YUCCA MOUNTAIN  
SITE CHARACTERIZATION PROJECT**

**TECHNICAL DATA  
CATALOG**



*102.8*

**SEPTEMBER 30, 1992**  
UNITED STATES DEPARTMENT OF ENERGY

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**YUCCA MOUNTAIN  
SITE CHARACTERIZATION PROJECT  
TECHNICAL DATA CATALOG**

**SEPTEMBER 30, 1992**

Prepared by

Civilian Radioactive Waste Management System  
Management and Operating Contractor  
Yucca Mountain Site Characterization Project  
101 Convention Center Drive  
Las Vegas, Nevada 89109

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## INTRODUCTION

The June 1, 1985, 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 it 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 published in the month following the end of each quarter. Each new publication of the Technical Data Catalog supersedes the previous edition.

Requests for technical data referenced in the Data Catalog must be submitted in writing to the YMP Project Manager, Carl Gertz at the following address:

U.S. Department of Energy  
Yucca Mountain Site Characterization  
Project 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 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 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 under 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 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 "T" indicates that the data are in the Technical Data Base (TDB) and may be examined there or at the Central Records Facility (CRF). A "C" indicates that the data are in, and may be examined at, the CRF.

New data items, which were not included in the previous quarterly edition of the Catalog, are identified by an asterisk (\*) preceding the DTN. Changes to reference information published in a previous YMP Technical Data 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 outlines the types of data that are available in the Geologic and Engineering Materials Bibliography of Chemical Species (GEMBOCHS) component of the TDB. Appendix C identifies any additions or modifications that were incorporated into the GEMBOCHS data base during the current quarter. Appendices D and E provide similiar information for the Geographic Nodal Information Study and Evaluation System (GENISES) component of the TDB.

The ATDT data base and, consequently, the Technical Data Catalog do not contain reference information for all data available in the TDB. This discrepancy, which is in the process of being corrected, is due to the varying implementation dates of the TDB components and ATDT.

## ENVIRONMENTAL MONITORING AND MITIGATION PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920300012548.001	DATA ON GROUND-WATER LEVELS AND SPRING FLOWS, INCLUDING WELL DEPTHS, CASING INFORMATION, DISCHARGE MEASUREMENTS, WELL AND SPRING LOCATIONS.	01/01/10-12/31/91	EARLY DATA COLLECTED BY THE USGS WERE COLLECTED USING STANDARD USGS PRACTICES. AFTER MAY 10, 1991, USGS DATA WERE COLLECTED USING HP-54, HP-61, HP-99, AND HP-166.	A N P
	ACQN/DEVL LOCATION : 36 00'00"N 117 00'00"W ; 36 00'00"N 116 00'00"W 37 00'00"N 117 00'00"W ; 37 00'00"N 116 00'00"W			
TM0000000000001.001	GAMMA SPECTRAL DATA FROM ENVIRONMENTAL PROTECTION AGENCY (EPA) SAMPLES, CONFIRMATORY DATA ONLY.	10/14/87-12/24/89	SEE RADIOLOGICAL MONITORING PLAN AND APPLICABLE PROCEDURES. THIS IS RAW GAMMA SPECTROSCOPY DATA FOR ANALYSIS OF RADIOLOGICAL SAMPLES AS DEFINED IN THE RADMP.	A N C
	ACQN/DEVL LOCATION : NEAR FIELD/FAR FIELD			
TM0000000000001.002	RADON MONITORING DATA REPORT (TERRADEX) FIRST QUARTER OF 1987.	01/01/87-04/30/87	SEE APPLICABLE BRANCH TECHNICAL PROCEDURES-ER(S) IN FORCE DURING THE PERIOD.	A N C
	ACQN/DEVL LOCATION : RMP LOCATION 6, 1-5			
TM0000000000001.003	RADIATION SURVEY AND LEAK TEST/SMEER DATA FROM JANUARY CY90 TO AUGUST CY90.	01/01/90-09/30/90	HEALTH STANDARD PRACTICES: NOTE COLLECTION WAS CONSISTENT WITH PROCEDURES (INSTRUCTIONS BEING ISSUED IN THE RADIOLOGICAL MONITORING INSTRUCTION MANUAL, TMSS/RFPD-90/001).	A N C
	ACQN/DEVL LOCATION : AREA 25/NTS			

# ENVIRONMENTAL MONITORING AND MITIGATION PLAN

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*TM000000000001.027	VISIBLE EMISSION OBSERVATION FORMS	07/08/92-07/08/92	OBSERVATION BY A TRAINED OBSERVER OF VISIBLE EMISSIONS	A N P
	ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA			



## METEOROLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
TM000000000001.018	METEOROLOGICAL DATA FOR THE YUCCA MOUNTAIN SITE FROM SEPTEMBER 1988 THROUGH AUGUST 1989.  ACQN/DEVL LOCATION : N733230 (N) E580882 (N) N761795 (N) E569127 (N) N766195 (N) E562876 (N) N766434 (N) E558862 (N) N769661 (N) E576810 (N)	09/01/88-08/31/89	ELECTRONIC INSTRUMENTATION.	A Y C
**TM000000000001.021	AMBIENT AIR MONITORING REPORT, JULY - SEPTEMBER 1991  ACQN/DEVL LOCATION : AREA 25, NTS	07/01/91-09/30/91	AUTOMATIC FIELD COLLECTION OF METEOROLOGICAL DATA	A N C
**TM000000000001.022	METEOROLOGICAL DATA FOR YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT, FOR THE PERIOD OF DECEMBER 1985 TO AUGUST 1989.  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	12/01/85-08/31/89	AUTOMATIC RECORDING BY DATA LOGGERS	A Y P
**TM000000000001.023	METEOROLOGICAL DATA FOR THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FOR THE PERIOD OF DECEMBER 1985 TO AUGUST 1989  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	12/01/85-08/31/89	AUTOMATIC RECORDING BY DATA LOGGERS	A Y C

METEOROLOGICAL MONITORING PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM000000000001.024	AMBIENT AIR MONITORING REPORT, JANUARY - MARCH 1992 ACQN/DEVL LOCATION : T&MSS	01/01/92-03/31/92	REFORMATING OF DATA ACQUIRED BY DATALOGGERS	D N C
*TM000000000001.025	AMBIENT AIR MONITORING REPORT, OCTOBER - DECEMBER 1991 ACQN/DEVL LOCATION : T&MSS	10/01/91-12/31/91	REFORMATING OF DATA ACQUIRED BY DATALOGGERS	D N P
*TM000000000001.026	AMBIENT AIR MONITORING REPORT, APRIL - JUNE 1992 ACQN/DEVL LOCATION : T&MSS	04/01/92-06/30/92	REFORMATING OF DATA ACQUIRED BY DATALOGGERS	D N P
*TM000000000001.028	SEVEN SUMMARY METEOROLOGICAL TABLES FOR THE PERIOD DECEMBER 1987 THROUGH NOVEMBER 1988 ACQN/DEVL LOCATION : NTS-60 REPOSITORY SITE	12/01/87-11/30/88	DEVELOPMENT WAS FROM HOURLY DATA VALUES	D N P
*TM000000000001.029	QUARTERLY METEOROLOGICAL DATA REPORT, DECEMBER 1987 THROUGH FEBRUARY 1988 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	12/01/87-02/29/88	DATA WAS ACQUIRED FROM ON-SITE DATALOGGERS	D Y P
*TM000000000001.030	QUARTERLY METEOROLOGICAL DATA REPORT, MARCH 1988 THROUGH MAY 1988 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	03/01/88-05/31/88	DATA WAS ACQUIRED FROM ON-SITE DATALOGGERS	D Y P

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## METEOROLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
*TM000000000001.031	QUARTERLY METEOROLOGICAL DATA REPORT, JUNE 1988 THROUGH AUGUST 1988  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	06/01/88-08/31/88	DATA WAS ACQUIRED FROM ON-SITE DATALOGGERS D Y P
*TM000000000001.032	QUARTERLY METEOROLOGICAL DATA REPORT, DECEMBER 1988 THROUGH FEBRUARY 1989  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	12/01/88-02/28/89	DATA WAS ACQUIRED FROM ON-SITE DATALOGGERS D Y P

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# RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
TM0000000000001.004	SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING FY 1989 (NOVEMBER 1989).	10/01/88-09/30/89	COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT OF CHARACTERISTICS OF SOUTHERN NYE COUNTY. THESE DATA WERE OBTAINED FROM VALLEY ELECTRIC ASSOCIATION IN PAHRUMP. DATA WAS VERIFIED BY FIELD OBSERVATIONS.	A N C
	ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)			
TM0000000000001.006	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1990 (APRIL 1991).	01/01/90-12/31/90	COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY DURING CALENDAR YEAR 1990. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS IN EACH COMMUNITY AND VERIFIED BY FIELD OBSERVATIONS.	A N C
	ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)			
TM0000000000001.015	APPENDIX B, SOCIOECONOMIC DATA COMPILED BY GRID IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM.	10/01/88-09/30/89	COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY. THESE DATA WERE OBTAINED FROM VALLEY ELECTRIC ASSOCIATION IN PAHRUMP. DATA WAS VERIFIED BY FIELD OBSERVATIONS.	A N C
	ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)			
TM0000000000001.017	YUCCA MOUNTIAN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING FY 1990 (DECEMBER 1990).	10/01/89-09/30/90	COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS IN EACH COMMUNITY AND VERIFIED BY FIELD OBSERVATIONS.	A N C
	ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)			

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## RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
TM000000000001.019	RADON MONITORING DATA REPORT (TERREDEX) FIRST QUARTER OF 1989.  ACQN/DEVL LOCATION : RMP LOCATION 6,1-5	01/01/89-04/01/89	SEE APPLICABLE BTP-ER'S IN FORCE DURING THE PERIOD.	A N C
TM000000000001.020	YUCCA MOUNTAIN PROJECT SITE RADIOLOGICAL MONITORING REPORT FOR CALENDAR YEAR 1988.  ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)	01/01/88-12/31/88	COLLECTION METHODS CONSISTENT WITH THE COLLECTION METHODS SPECIFIED IN THE ENVIRONMENTAL REGULATORY GUIDE FOR RADIOLOGICAL EFFLUENT MONITORING AND ENVIRONMENTAL SURVEILLANCE JANUARY 1991 AS REQUIRED BY DOE ORDER 5400.5 FEBRUARY 8, 1990.	A N C
TM0000000001987.001	NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS PROJECT ENVIRONMENTAL MONITORING PROGRAM SUMMARY FOR 1987.  ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)	09/11/87-12/31/87	COLLECTION METHODS CONSISTENT WITH THE COLLECTION METHODS SPECIFIED IN THE ENVIRONMENTAL REGULATORY GUIDE FOR RADIOLOGICAL EFFLUENT MONITORING AND ENVIRONMENTAL SURVEILLANCE JANUARY 1991 AS REQUIRED BY DOE ORDER 5400.5 FEBRUARY 8, 1990.	D N C
TM0000000001991.001	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR FIRST QUARTER 1991.  ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES	01/17/91-03/29/91	TLD DATA ACQUIRED PER T&MSS WORK INSTRUCTIONS WI-RM-901, WI-RM-902, WI-RM-903, AND WI-RM-905.	A Y C

# RADIOLOGICAL MONITORING PLAN

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TM000000001991.002	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR SECOND QUARTER 1991.  ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES	03/29/91-06/27/91	TLD DATA ACQUIRED PER T&MSS WORK INSTRUCTIONS WI-RM-901, WI-RM-902, WI-RM-903, AND WI-RM-905.	A Y C
TM000000001991.003	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR THIRD QUARTER 1991.  ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES	06/24/91-10/30/91	TLD DATA ACQUIRED PER T&MSS WORK INSTRUCTIONS WI-RM-901, WI-RM-902, WI-RM-903, AND WI-RM-905.	A Y C
TM000000001991.004	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR FOURTH QUARTER 1991.  ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES	09/27/91-01/24/92	TLD DATA ACQUIRED PER T&MSS WORK INSTRUCTIONS WI-RM-901, WI-RM-902, WI-RM-903, AND WI-RM-905.	A Y C
TM000000001991.005	EPERM DATA FOR JANUARY AND FEBRUARY 1991  ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES	01/18/91-03/05/91	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
TM000000001991.006	EPERM DATA FOR MARCH 1991.  ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES	03/05/91-04/08/91	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C

## RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
TM000000001991.007	EPERM DATA FOR APRIL 1991.	04/08/91-05/08/91	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			
TM000000001991.008	EPERM DATA FOR MAY 1991.	05/08/91-06/10/91	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			
TM000000001991.009	EPERM DATA FOR JUNE 1991.	06/10/91-07/10/91	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			
TM000000001991.010	EPERM DATA FOR JULY 1991	07/10/91-08/08/91	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			
TM000000001991.011	EPERM DATA FOR AUGUST 1991.	08/08/91-09/13/91	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			
TM000000001991.012	EPERM DATA FOR SEPTEMBER 1991	09/13/91-10/09/91	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			

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# RADIOLOGICAL MONITORING PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
TM000000001991.013	EPERM DATA FOR OCTOBER 1991	10/09/91-11/05/91	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			
TM000000001991.014	EPERM DATA FOR NOVEMBER 1991.	11/05/91-12/10/91	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			
TM000000001991.015	EPERM DATA FOR DECEMBER 1991.	12/10/91-01/07/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			
TM000000001991.016	ONE OF A KIND PRESSURIZED IONIZATION CHAMBER STRIPCHARTS FROM SITE FF19 AMARGOSA VALLEY DURING 1991.	01/01/91-12/02/91	DATA ACQUIRED BY EPA PERSONNEL WORKING TO PROCEDURES NOT APPROVED BY THE PROJECT.	A N C
	ACQN/DEVL LOCATION : FF19-AMARGOSA VALLEY			
TM000000001992.001	EPERM DATA FOR JANUARY 1992.	01/07/92-02/12/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			
TM000000001992.002	EPERM DATA FOR FEBRUARY 1992.	02/12/92-03/10/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			



## RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
TM000000001992.003	EPERM DATA FOR MARCH 1992.  ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES	03/09/92-04/14/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
TM000000001992.004	ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR APRIL 1992  ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES	04/14/92-05/15/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
TM000000001992.005	ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR MAY 1992.  ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES.	05/15/92-06/05/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
*TM000000001992.006	ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR JUNE 1992.  ACQN/DEVL LOCATION : RFPD NEAR FIELD SAMPLING SITES	06/05/92-07/06/92	EPERM DATA ACQUIRED PER TMSS WORK INSTRUCTION WI-RM-770.	A Y C
*TM000000001992.007	ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR JULY 1992.  ACQN/DEVL LOCATION : RFPD NEAR FIELD SAMPLING SITES	07/06/92-08/05/92	EPERM DATA ACQUIRED PER TMSS WORK INSTRUCTION WI-RM-770.	A Y P
*TM000000001992.008	ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR AUGUST 1992.  ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES.	08/05/92-09/04/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TM000000001992.013	ENVIRONMENTAL THERMOLUMINESCENT (TLD) DATA FOR FIRST QUARTER OF 1992.	01/03/92-04/10/92	TLD DATA ACQUIRED PER T&MSS WORK INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD PROCESSING BY VENDOR.	A Y C
ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD MONITORING SITES				
*TM000000001992.014	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR SECOND QUARTER 1992.	03/25/92-07/10/92	TLD EXCHANGE AND HANDLING PER T&MSS WORK INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPE OF WESTWOOD, N.J.	A Y C
ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES.				
*TM000000001992.017	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 17, 61, 67, 89, 94, 95, 98, 100, AND 103, AND NORTH PORTAL TEST PITS TP14 AND TP30A. SAMPLES GATHERED BETWEEN 1/17/91 AND 4/21/92.	03/16/92-07/15/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A Y C
ACQN/DEVL LOCATION : TELEDYNE ISOTOPE OF WESTWOOD, NJ				
*TM000000001992.018	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD CONTINUOUS AIR SAMPLER (CAS) FILTERS FOR THE FIRST, SECOND AND THIRD QUARTERS OF 1991. SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 61, AND 67.	03/27/92-06/17/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A Y C
ACQN/DEVL LOCATION : TELEDYNE ISOTOPE OF WESTWOOD, NJ.				

## RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TM000000001992.019	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLE OBTAINED FROM NEAR FIELD SITES 88, 91, 92, 93, AND U216. SAMPLES GATHERED BETWEEN 10/2/91 AND 12/16/91.	03/18/92-07/28/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A Y C
ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ.				
*TM000000001992.020	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLES OBTAINED FROM NEAR FIELD SITES 17, 89, 94, 95, 98, 100, 103, NPH-TP14 AND TP30A, AND A25-011791. SAMPLES GATHERED BETWEEN 7/71/91 AND 4/21/92.	07/23/92-08/07/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A Y C
ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ.				
*TM000000001992.021	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD CAS AIR FILTERS. SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 61, AND 67. SAMPLES GATHERED BETWEEN 10/2/91 AND 1/7/92 (4TH QUARTER 1991).	07/09/92-07/23/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A Y C
ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ.				
TM000019891990.001	YUCCA MOUNTAIN PROJECT SITE RADIOLOGICAL MONITORING DATA SUMMARY REPORT FOR CALENDAR YEARS 1989-1990.	01/01/89-12/31/90	COLLECTION METHODS CONSISTENT WITH THE COLLECTION METHODS SPECIFIED IN THE ENVIRONMENTAL REGULATORY GUIDE FOR RADIOLOGICAL EFFLUENT MONITORING AND ENVIRONMENTAL SURVEILLANCE JANUARY 1991 AS REQUIRED BY DOE ORDER 5400.5 FEBRUARY 8, 1990.	D N C
ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)				

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.1.1				
GS901208312111.001	SURFACE-WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENT NOTES, AND PRECIPITATION DATA COLLECTED DURING WATER YEARS 1983-85 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA.	10/01/82-09/30/85	DATA WERE COLLECTED USING METHODS DESCRIBED IN THE USGS-TWRI'S: BOOK 3, CHAPS. A1, A2, A3, AND A8, BOOK 5, CHAPS. A1, BOOK 8, CHAPS. A2, B2, AND USGS-WSP2175.	A N P
	ACQN/DEVL LOCATION : 36 00'N 117 00'W 37 30'N 115 30'W			
GS910208312111.002	SURFACE-WATER DISCHARGE DATA, INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENTS NOTES, AND PRECIPITATION DATA COLLECTED DURING WATER YEARS 1986-1990 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA.	10/01/85-09/30/90	DATA WERE COLLECTED USING METHODS DESCRIBED IN USGS TWRI'S BOOK 3, CHAPTERS A1, A2, A3, AND A8; BOOK 5, CHAPTERS A1; BOOK 8, CHAPTERS A2, B2; AND USGS-WSP 2175. ALSO HP'S 40, 43, 44, 45, 91, 100, 114, 115, 116, 117, 166, 169.	A Y P
	ACQN/DEVL LOCATION : 36 00'N 117 00'W 37 30'N 115 30'W			
GS911108312111.003	SURFACE WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENTS NOTES, AND PRECIPITATION DATA COLLECTED DURING WATER YEAR 1991 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA.	10/01/90-09/30/91	DATA WERE COLLECTED USING METHODS DESCRIBED IN USGS WRI'S.: BOOK 3, CHAPTERS A1, A2, A3 AND A8; BOOK 5, CHAPTER A1; BOOK 8, CHAPTERS A2, B2; AND USGS WSP 2175; AND HP'S 40, 43, 44, 45, 91, 100, 114, 115, 116, 117, 166 AND 169.	A Y P
	ACQN/DEVL LOCATION : 36 00'N 117 00'W ; 36 00'N 115 30'W 37 00'N 117 00'W ; 37 00'N 115 30'W			

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920308312111.001	0.1MM RESOLUTION PRECIPITATION DATA GENERATED BY THE QUALIMETRICS, INC. MODEL 6041-B PROPANE HEATED TIPPING BUCKET RAIN AND SNOW GAGE.  ACQN/DEVL LOCATION : YUCCA MOUNTAIN	05/03/89-03/20/92	AUTOMATED PRECIPITATION GAGE AND C.S.I. 21X DATALOGGER.	A N P
GS920308312111.002	WIND SPEED DATA GENERATED BY A MET-ONE INC. MODEL 024A (SERIAL NO. 503-83) AT WEATHER STATION NO. 5 DURING THE PERIOD MAY 3, 1989 TO JANUARY 11, 1990.  ACQN/DEVL LOCATION : YUCCA MOUNTAIN	05/03/89-01/11/90	MET-ONE INC. MODEL 024A WIND SPEED SENSOR AND C.S.I. 21X DATALOGGER.	A N P
*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	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 P
*GS920708312111.006	METEOROLOGICAL DATA CONSISTING OF WIND SPEED DIRECTION, AMBIENT AIR TEMPERATURE, RELATIVE HUMIDITY, NET SOLAR RADIATION, PRECIPITATION, AND BAROMETRIC PRESSURE. DATA WERE COLLECTED AT FIVE WEATHER STATIONS WITHIN THE YUCCA MOUNTAIN AREA.  ACQN/DEVL LOCATION : 743968N(N) 610564E(N) 759011N(N) 567934E(N) 760134N(N) 558356E(N)	10/01/89-09/30/91	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 AT EACH FIELD LOCATION. TAPES WERE PERIODICALLY RETRIEVED AND DOWNLOADED TO A COMPUTER DATABASE. DATA COULD ALSO BE RETRIEVED VIA RADIO TELEMETRY LINKS WITH EACH SITE. DATA ARE ARCHIVED ON REMOVABLE CARTRIDGE DISKS.	A Y P

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	771482N(N) 560148E(N)			
Activity - 8.3.1.2.1.2.1				
GS901208312111.001	SURFACE-WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENT NOTES, AND PRECIPITATION DATA COLLECTED DURING WATER YEARS 1983-85 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA.	10/01/82-09/30/85	DATA WERE COLLECTED USING METHODS DESCRIBED IN THE USGS-TWRI'S: BOOK 3, CHAPS. A1, A2, A3, AND A8, BOOK 5, CHAPS. A1, BOOK 8, CHAPS. A2, B2, AND USGS-WSP2175.	A N P
	ACQN/DEVL LOCATION : 36 00'N 117 00'W 37 30'N 115 30'W			
GS910208312111.002	SURFACE-WATER DISCHARGE DATA, INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENTS NOTES, AND PRECIPITATION DATA COLLECTED DURING WATER YEARS 1986-1990 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA.	10/01/85-09/30/90	DATA WERE COLLECTED USING METHODS DESCRIBED IN USGS TWRI'S BOOK 3, CHAPTERS A1, A2, A3, AND A8; BOOK 5, CHAPTERS A1; BOOK 8, CHAPTERS A2, B2; AND USGS-WSP 2175. ALSO HP'S 40, 43, 44, 45, 91, 100, 114, 115, 116, 117, 166, 169.	A Y P
	ACQN/DEVL LOCATION : 36 00'N 117 00'W 37 30'N 115 30'W			
*GS920708312121.001	SURFACE-WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENTS, AND NOTES COLLECTED DURING WATER YEARS 1983-85 FOR YUCCA MOUNTAIN AND VICINITY , NYE COUNTY, NEVADA.	06/01/91-07/31/92	DATA WAS DEVELOPED USING METHOD DESCRIBED IN USGS-TWRTI'S BOOK 3, CH. A1, A2, A3, A8, AND A13; BOOK 4 CH. B1; BOOK 8 CH. A2 AND B2; AND USGS-WSP 2175.	A N P
	ACQN/DEVL LOCATION : USGS-WRD, LAS VEGAS			

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.2.2				
GS910308312122.001	DEBRIS TRANSPORT DATA COLLECTED DURING AUGUST 1989.	08/09/89-08/10/89	DATA WERE COLLECTED USING METHODS DESCRIBED IN HP-174, REVISION 0 AND REVISION 1.	A Y P
	ACQN/DEVL LOCATION : MILLER MOUNTAIN, NV AND BENTON, CA			
GS910908312122.002	PARTICLE-SIZE DISTRIBUTION ANALYSES.	11/16/90-11/16/90	PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS.	A Y P
	ACQN/DEVL LOCATION : 39 17'25"N 119 49'25"W			
GS910908312122.003	PARTICLE-SIZE DISTRIBUTION ANALYSES.	05/22/91-05/22/91	PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS.	A Y P
	ACQN/DEVL LOCATION : 39 17'25"N 119 49'25"W			
GS910908312122.004	PARTICLE-SIZE DISTRIBUTION ANALYSES.	11/08/90-11/08/90	PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS.	A Y P
	ACQN/DEVL LOCATION : 36 14'36"N 118 03'25"W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910908312122.005	PARTICLE-SIZE DISTRIBUTION ANALYSES.	11/09/90-11/09/90	PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS.	A Y P
	ACQN/DEVL LOCATION : 36 14'36"N 118 03'25"W			
GS920308312122.001	SCIENTIFIC NOTEBOOK, USGS-SN-0002, VOL. 2; TRANSPORT OF DEBRIS BY SEVERE RUNOFF, FOR THE PERIOD OF 11/16/90 TO 8/16/91.	11/16/90-08/16/91	THIS SCIENTIFIC NOTEBOOK AND THE DOCUMENTATION THEREIN WERE DEVELOPED UNDER HP-197T, R0 AND QMP 5.05, R2.	A Y P
	ACQN/DEVL LOCATION : NTS AND A 200 MILE RADIUS THEREOF.			
Activity - 8.3.1.2.1.3.1				
*GS920808312131.001	HYDROGEOLOGIC INFERENCES FROM DRILLERS' LOGS AND FROM GRAVITY AND RESISTIVITY SURVEYS IN THE AMARGOSA DESERT, SOUTHERN NEVADA, BY WILLIAM J. OATFIELD AND JOHN B. CZARNECKI	01/01/86-11/10/87	ANALYSIS OF DEPTH-TO-WATER AND HYDROCHEMICAL DATA AND RESISTIVITY DATA TO CHARACTERIZE THE UNDERLYING HYDROGEOLOGIC FRAMEWORK. METHODS ARE DESCRIBED IN THIS REPORT.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER			



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.3.2				
GS910908312132.001	GEOHYDROLOGIC DATA FOR TEST WELL USW H-6, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA.	08/01/82-09/01/82	USGS STANDARD COLLECTION METHODS.	A N T
	ACQN/DEVL LOCATION : USW H-6			
GS910908312132.002	GEOHYDROLOGIC DATA FOR TEST WELL USW H-5, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA.	05/01/82-06/01/82	USGS STANDARD COLLECTION METHODS.	A N T
	ACQN/DEVL LOCATION : N766643(N) E558943(N)			
GS920308312132.001	GROUND WATER LEVELS MEASURED IN SELECTED WELLS IN THE AMARGOSA DESERT. PIEZOMETERS WERE USED RESULTING IN TWO LEVELS OF MEASUREMENTS IN SAME WELL.	05/21/91-06/07/91	WATER LEVEL DATA WERE ACQUIRED USING WELL SOUNDER (HP-99, R1) AND HAND HELD STEEL TAPE (HP-61, R0).	A Y P
	ACQN/DEVL LOCATION : 36 15'22"N 116 04'47"W			
	36 15'33"N 116 11'14"W			
	36 18'23"N 116 25'14"W			
	36 31'34"N 116 29'20"W			
	36 32'34"N 116 32'17"W			
	36 32'43"N 116 35'41"W			
	36 33'16"N 116 36'24"W			
	36 34'10"N 116 26'11"W			
	36 52'53"N 116 45'05"W			
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	LC-262			
	NA-6			
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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920608312132.002	LITHOLOGICAL DESCRIPTIONS OF BOREHOLE CUTTINGS FROM TWO WELLS (AMARGOSA DESERT): 1) FELDERHOFF-FEDERAL-25-1 - TOTAL 337 SAMPLES 2) FELDERHOFF-FEDERAL-5-1 - TOTAL 53 SAMPLES.  ACQN/DEVL LOCATION : T16S R50E SECTION 5	09/17/91-10/23/91	CONVENTIONAL LITHOLOGICAL DESCRIPTIONS	A N P
*GS920908312132.005	VERTICAL HYDRAULIC GRADIENT DATA AND INTERPRETATION FROM WELLS GS-15, -16, AND -17. PUBLISHED IN "A HINT OF RECHARGE AT FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA, USA" AND "DOES LOCALIZED RECHARGE OCCUR AT A DISCHARGE AREA WITHIN THE GROUND-WATER FLOW SYSTEM OF YUCCA MOUNTAIN, NEVADA?" BY JOHN B. CZARNECKI, DANIEL RONEN, MORDECKAI MARGARITZ, AND LEVY KROITORU.  ACQN/DEVL LOCATION : USGS, DENVER	06/13/92-06/30/92	VERTICAL HYDRAULIC GRADIENT CALCULATED BY OBTAINING THE SLOPE OF THE LINE OF BEST FIT THROUGH THE WATER-LEVEL ALTITUDES OF THE THREE WELLS, GS-15, -16, AND -17. INTERPRETATION BASED ON EXAMINATION AND COMPARISON OF SOURCE DATA.	D N P
Activity - 8.3.1.2.1.3.3				
GS910708312133.001	FREQUENCY ANALYSIS OF ROCK VALLEY ANNUAL PRECIPITATION. SUMMARY OF MONTHLY WATER BALANCE FOR 1965-1976. SUMMARY OF MONTHLY WATER BALANCE FOR 1969. SUMMARY OF ORIGINAL CREAMS MODEL INPUT/OUTPUT.  ACQN/DEVL LOCATION : USGS	01/01/65-01/01/76	THIS WAS AN APPLICATION OF THE CREAMS MODEL - A FIELD SCALE MODEL FOR CHEMICALS RUNOFF AND EROSION FROM AGRICULTURAL MANAGEMENT SYSTEMS. THE ROCK VALLEY PRECIPITATION DATA WAS COMPILED BY LEONARD LANE. THE 1965-76 DATA FOR MONTHLY WATER BALANCE WERE ESTIMATED FROM THE CREAM MODEL AND OBSERVED PRECIPITATION DATA.	A N P

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.3.4				
GS910408312134.001	EVAPOTRANSPIRATION DATA, RESULTS FROM EDDY-CORRELATION PLOTS AND ANALYSES FOR FRANKLIN LAKE PLAYA. POTENTIAL EVAPOTRANSPIRATION FOR FRANKLIN LAKE.	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A N C
	ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W			
GS910408312134.002	WELL TEST DATA FOR WELLS AT FRANKLIN LAKE PLAYA.	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A N C
	ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W			
GS910408312134.003	THERMAL DATA AND ANALYSES FOR FRANKLIN LAKE PLAYA.	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A N C
	ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W			
GS910408312134.004	POTENTIOMETRIC DATA AND ANALYSES FOR FRANKLIN LAKE PLAYA.	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A N C
	ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910408312134.005	SENSITIVITY ANALYSES FOR UNSATURATED ZONE FLOW MODEL OF FRANKLIN LAKE PLAYA ( 1 DIMENSIONAL) .  ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A N C
GS910408312134.006	MOISTURE CONTENT FOR FRANKLIN LAKE PLAYA.  ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A N C
GS920308312134.001	HYDROCHEMICAL DATA FROM WELL FL OBTAINED WITH A MULTILEVEL SAMPLER AT FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA  ACQN/DEVL LOCATION : 36 16'00"N 116 23'00"W	06/21/89-12/31/89	HYDROCHEMICAL OF WELL WATER FROM WELL FL USING AN INSITU MULTILEVEL SAMPLER DEPLOYED FOR PERIODS OF EIGHT DAYS AND THIRTY DAYS. WELL WAS ALSO BAILED. SEE USGS-HP-200 FOR DESCRIPTION OF METHODS.	D N P
Activity - 8.3.1.2.1.4.1				
GS910408312141.001	POTENTIOMETRIC DATA, TRANSMISSIVITY AND HYDRAULIC CONDUCTIVITY DATA, EVAPOTRANSPIRATIONAL DATA, MOISTURE CONTENT IN UNSATURATED ZONE DATA AND MODEL SENSITIVITY DATA.  ACQN/DEVL LOCATION : 36 14'N 116 25'W 36 19'N 116 20'W	05/01/83-05/01/87	DIRECT FIELD MEASUREMENTS AND DATA, COMPUTER GENERATED DATA.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.4.2				
GS920408312142.001	SIMULATED EFFECTS OF INCREASED RECHARGE ON THE GROUND WATER FLOW SYSTEM OF YUCCA MOUNTAIN AND VICINITY, NEVADA - CALIFORNIA.	01/01/84-12/31/84	SIMULATED THE GROUND WATER FLOW SYSTEM USING A TWO-DIMENSIONAL FINITE-ELEMENT PARAMETER-ESTIMATION MODEL. FEMOD WAS THE COMPUTER PROGRAM USED IN STUDY SIMULATION.	D N P
	ACQN/DEVL LOCATION : USGS			
GS920408312142.002	FINITE ELEMENT SIMULATION OF GROUNDWATER FLOW IN THE VICINITY OF YUCCA MOUNTAIN, NEVADA - CALIFORNIA.	01/01/84-12/06/84	USGS STANDARD METHODS.	D N P
	ACQN/DEVL LOCATION : USGS			
Activity - 8.3.1.2.1.4.4				
GS920208312144.001	THREE DIMENSIONAL, STEADY-STATE MODEL OF THE GROUNDWATER FLOW SYSTEM IN THE VICINITY OF YUCCA MOUNTAIN, NEVADA-CALIFORNIA" BY PETER O. SINTON	01/01/86-12/31/88	QALA 3334G-02-01	D N P
	ACQN/DEVL LOCATION : USGS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.1.1				
GS900908312211.001	THIS REPORT PRESENTS DATA COLLECTED TO DETERMINE THE HYDROLOGIC CHARACTERISTICS OF ROCKS PENETRATED IN TEST WELL USW H-1.  ACQN/DEVL LOCATION : USW H-1	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS.	D N P
GS900908312211.002	HYDROLOGIC, METEOROLOGICAL AND UNSATURATED-ZONE MOISTURE-CONTENT DATA, FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA.  ACQN/DEVL LOCATION : FRANKLIN LAKE PLAYA, SOUTHERN NV, AND ADJACENT CA	05/01/83-07/31/85	USGS STANDARD COLLECTION METHODS.	D N P
GS920108312211.001	LABORATORY AND FIELD MEASUREMENTS DONE ON SOIL/ALLUVIUM/COLLUVIUM SAMPLES TO DETERMINE PHYSICAL PROPERTIES AND FIELD GEOMORPHOLOGICAL OBSERVATIONS.  ACQN/DEVL LOCATION : USGS	01/01/87-01/31/89	LABORATORY METHODS FOR SOIL PHYSICAL PROPERTIES WERE STANDARD SOILS METHODS LOCATED IN "METHODS OF SOIL ANALYSIS-PHYSICAL PROPERTIES" ASA MONOGRAPH NO.9. REMAINING METHODS WERE PROTOTYPE.	D N P

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
Activity - 8.3.1.2.2.1.2				
GS910808312212.001	GEOHYDROLOGIC DATA FROM SHALLOW NEUTRON-ACCESS HOLES, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY DANIEL O BLOUT, DALE P HAMMERMEISTER, CAROLE LOSKOT, AND MICHAEL P CHORNACK.	07/01/84-02/01/86	REFER TO TECHNICAL PROCEDURE HP-62 FOR DETAILS CONCERNING DATA COLLECTION METHODS.	A N P
	ACQN/DEVL LOCATION :			
	UE25 UZN-1			
	UE25 UZN-10			
	UE25 UZN-11			
	UE25 UZN-12			
	UE25 UZN-13			
	UE25 UZN-14			
	UE25 UZN-18			
	UE25 UZN-19			
	UE25 UZN-2			
	UE25 UZN-20			
	UE25 UZN-21			
	UE25 UZN-22			
	UE25 UZN-23			
	UE25 UZN-28			
	UE25 UZN-29			
	UE25 UZN-3			
	UE25 UZN-30			
	UE25 UZN-4			
	UE25 UZN-5			
	UE25 UZN-56			
	UE25 UZN-6			
	UE25 UZN-60			
	UE25 UZN-7			
	UE25 UZN-8			
	UE25 UZN-85			
	UE25 UZN-9			
	UE25 UZN-97			
	UE25 UZNC-1			
	UE25 UZNC-2			
	UE29 UZN-91			
	UE29 UZN-92			
	USW UZ-N24			
	USW UZ-N25			
	USW UZ-N26			
	USW UZ-N40			

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	USW UZ-N47		
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	USW UZ-N52		
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	USW UZ-N98		



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
GS920108312212.004	DATA COLLECTED ON FIELD AND LAB EXPERIMENTS TO ASSESS SUITABILITY OF A COLLIMATED NEUTRON PROBE.  ACQN/DEVL LOCATION : AREA 25, NTS.	05/01/86-12/31/87	DATA RECORDED BY HAND ACCORDING TO PROTOTYPE STUDIES FOR CHARACTERIZATION OF NATURAL INFILTRATION.	A N P
GS920208312212.001	WEATHER DATA COLLECTED USING A DATAPOD SYSTEM AT DILLARD, OR. FROM 1/86 TO 12/86. DATA INCLUDES DAILY VALUES FOR TOTAL DAILY SOLAR RADIATION, AND MAXIMUM-MINIMUM AND MEAN AIR TEMPERATURE. TECHNICAL JOURNAL ARTICLE "PREDICTION OF ACTUAL SOLAR RADIATION USING MODELED CLEARSKY RADIATION AND AIR TEMPERATURE".  ACQN/DEVL LOCATION : 43 00'00"N 123 07'00"W	01/01/86-12/31/86	DATA COLLECTED USING DATAPOD SYSTEM. (OMNIDATA, LOGAN, UT.)	A N P
GS920208312212.002	WEATHERSTATION DATA FOR WOLF CREEK, OR. FROM 1/83-12/83. DATA INCLUDES DAILY VALUES OF INCOMING SHORTWAVE RADIATION, AIR TEMPERATURE, DEWPOINT TEMPERATURE AND RELATIVE HUMIDITY. TECHNICAL JOURNAL ARTICLE "PREDICTION OF ACTUAL SOLAR RADIATION USING MODELED CLEARSKY RADIATION AND AIR TEMPERATURE".  ACQN/DEVL LOCATION : 42 07'00"N 123 03'00"W	01/01/83-12/31/83	STANDARD PENMAN WEATHERSTATION USING PYRANOMETER, THERMISTORS, LITHIUM CHLORIDE DEWCELL, AND DATALOGGERS.	A N P

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920208312212.003	WEATHERSTATION DATA FOR YUCCA MOUNTAIN, NV. FROM 1/88-12/88 AND 1/89-12/89. DATA INCLUDES DAILY VALUES OF SHORTWAVE SOLAR RADIATION, AND AIR TEMPERATURE. TECHNICAL JOURNAL ARTICLE "PREDICTION OF ACTUAL SOLAR RADIATION USING MODELED CLEARSKY RADIATION AND AIR TEMPERATURE".  ACQN/DEVL LOCATION : 36 08'00"N 116 04'00"W	01/01/88-12/31/89	QA APPROVED WEATHERSTATIONS AND ALL ACCOMPANYING INSTRUMENTS. HP-97, R0 AND HP-168, R0.	A Y P
GS920508312231.012	USW UZN-54 AND USW UZN-55 CORE ANALYSIS: BULK DENSITY, POROSITY, PARTICLE DENSITY AND IN SITU SATURATION.  ACQN/DEVL LOCATION : USW UZN-54 USW UZN-55	10/01/91-01/31/92	BULK DENSITY USING ARCHIMEDE'S METHOD, POROSITY USING SATURATED CORE, PARTICLE DENSITY CALCULATED FROM ABOVE, SATURATIONS DETERMINED GRAVIMETRICALLY FROM PRESERVED SAMPLES.	A Y P
Activity - 8.3.1.2.2.3.1				
GS920108312231.001	CORE ANALYSES FOR VARIOUS WELLS IN NYE COUNTY. TESTS INCLUDE: KLINKENBERG PERMEABILITY TO AIR OVERBURDEN PRESSURE, PERMEABILITY TO AIR VERSUS RECIPROCAL MEAN PRESSURE, AIR-BRINE, CAPILLARY PRESSURE, UNSTEADY STATE GAS-WATER RELATIVE PERMEABILITY, AND SPECIFIC PERMEABILITY TO WATER.  ACQN/DEVL LOCATION : UE 25 #1 UE-25A #4 UE-25A #6 USW G-1 USW G-2	01/01/84-09/30/86	CORE ANALYSES STUDIES DONE BY USGS APPROVED VENDOR.	A N C

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920108312231.002	CORE ANALYSES FOR UZ-4 AND UZ-5 WELLS. TESTS INCLUDE: PERMEABILITY TO AIR AND POROSITY WITH GRAIN DENSITY CALCULATIONS, SPECIFIC PERMEABILITY TO WATER AND KLINKENBERG PERMEABILITY.  ACQN/DEVL LOCATION : UE-25 UZ #4 UE-25 UZ #5	01/01/84-09/30/86	CORE ANALYSES STUDIES DONE BY USGS APPROVED VENDOR.	A N C
GS920108312231.003	ANALYSES FROM LABORATORY MEASUREMENTS OF CORE PHYSICAL AND HYDROLOGIC FLOW PROPERTIES OF VARIOUS WELLS IN NYE COUNTY. TESTS INCLUDE: PERMEABILITY TO AIR AND POROSITY WITH GRAIN DENSITY CALCULATIONS, SPECIFIC PERMEABILITY TO WATER AND KLINKENBERG PERMEABILITY TO AIR.  ACQN/DEVL LOCATION : UE-25A #1 UE-25A #4 UE-25A #6 USW G-1 USW G-2 USW G-3	01/01/84-09/30/86	CORE ANALYSES STUDIES DONE BY USGS APPROVED VENDORS.	A N C
GS920108312231.004	ANALYSES FOR LABORATORY MEASUREMENTS OF CORE PHYSICAL AND HYDROLOGIC FLOW PROPERTIES FOR VARIOUS WELLS IN NYE COUNTY. TEST INCLUDE: KLINKENBERG PERMEABILITY, AIR-BRINE POROUS-PLATE AND CENTRIFUGE CAPILLARY PRESSURE, SPECIFIC PERMEABILITY TO WATER, UNSTEADY-STATE GAS-WATER RELATIVE PERMEABILITY AND CENTRIFUGE GAS-WATER RELATIVE PERMEABILITY.  ACQN/DEVL LOCATION : UE-25 UZ #5 UE-25A #1 UE-25A #4 UE-25A #6	01/01/84-09/30/86	CORE ANALYSES DONE BY USGS APPROVED VENDOR.	A N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW G-1 USW G-2 USW G-3			
GS920108312231.005	ANALYSES FOR LABORATORY MEASUREMENTS OF CORE PHYSICAL AND HYDROLOGIC FLOW PROPERTIES FOR VARIOUS WELLS IN NYE COUNTY. TEST INCLUDE: GRAIN AND BULK DENSITY, KLINKENBERG PERMEABILITY, SPECIFIC PERMEABILITY TO OIL AND TO WATER, AIR-BRINE POROUS PLATE AND CENTRIFUGE CAPILLARY PRESSURE AND CENTRIFUGE RELATIVE PERMEABILITY.  ACQN/DEVL LOCATION : UE-25 UZ #4 UE-25 UZ #5 UE-25A #1 UE-25A #4 USW G-1 USW G-2 USW G-3	01/01/84-09/30/86	CORE ANALYSES DONE BY USGS APPROVED VENDOR.	A N C
GS920108312231.006	PRELIMINARY PERMEABILITY AND WATER-RETENTION DATA FOR NONWELDED AND BEDDED TUFF SAMPLES, YUCCA MOUNTAIN AREA, NYE COUNTY, NV.  ACQN/DEVL LOCATION : HYDROLOGIC RESEARCH FACILITY, AREA 25, NTS.	01/01/84-09/30/86	USGS STANDARD DEVELOPMENT METHODS.	D N C
GS920508312231.010	COMPOSITE TRANSECT DATASET: INCLUDES REPRESENTATIVE SAMPLE RESULTS FROM SURFACE OUTCROP STUDIES WITH DATA ON POROSITY, BULK DENSITY, PARTICLE DENSITY AND SORPTIVITY, SATURATED HYDRAULIC CONDUCTIVITY AND MOISTURE RETENTION.  ACQN/DEVL LOCATION : BUSTED BUTTE VERTICAL TRANSECT CALICO HILLS VERTICAL TRANSECT	06/01/91-03/30/92	BULK DENSITY: ARCHIMEDE'S DISPLACEMENT, POROSITY: SATURATION DETERMINATION, PARTICLE DENSITY CALCULATED, SORPTIVITY CALCULATED FROM IMBIBITION MEASUREMENTS. ABOVE CALCULATIONS DONE USING RELATIVE HUMIDITY OVEN DRY WEIGHTS. MOISTURE RETENTION 0 TO 15 BARS ON PRESSURE PLATE, 1200 BAR CALCULATIONS USING RH OVEN WATER POTENTIAL AND CALCULATED SATURATION.	A Y P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	PAGANY WASH VERTICAL TRANSECT SHARDY BASE HORIZONTAL TRANSECT TOPOPAH CAPROCK HORIZONTAL TRANSECT UZ6 VERTICAL TRANSECT YUCCA CREST HORIZONTAL TRANSECT			
GS920508312231.011	USW GU-3 CORE ANALYSES. RESULTS FROM 69 SAMPLES FROM TOPOPAH SPRING SHARDY BASE (1263.8 FT.) TO PROW PASS PARTIALLY WELDED (1883.5 FT.), WITH MEASUREMENTS OF POROSITY, BULK DENSITY, PARTICLE DENSITY, SORPTIVITY AND SATURATED CONDUCTIVITY.	09/01/91-02/28/92	BULK DENSITY IS ARCHIMEDE'S METHOD, POROSITY USING SATURATION, PARTICLE DENSITY CALCULATED FROM ABOVE, SATURATED HYDRAULIC CONDUCTIVITY IS STEADY STATE, AND SORPTIVITY IS CALCULATED FROM IMBIBITION MEASUREMENTS. ALL CALCULATIONS DONE USING RELATIVE HUMIDITY OVEN DRY WEIGHTS.	A Y P
	ACQN/DEVL LOCATION : USW GU-3			
GS920508312231.013	PHYSICAL DATA OF OUTCROP TRANSECT SAMPLES. INCLUDES SEVEN TRANSECTS AND MEASUREMENTS OF TRANSECT DISTANCE, POROSITY, BULK DENSITY, PARTICLE DENSITY AND FOR ONE TRANSECT, SATURATED PERMEABILITY.	06/01/91-10/31/91	BULK DENSITY DETERMINED USING ARCHIMEDE'S DISPLACEMENT, POROSITY DETERMINED USING VACUUM SATURATED WEIGHT AND RELATIVE HUMIDITY OVEN DRY WEIGHT (45 DEGREES RH AND 60 DEGVREES C), PARTICLE DENSITY IS CALCULATED FROM BULK DENSITY AND POROSITY. SATURATED HYDRAULIC CONDUCTIVITY MEASURED WITH CONSTANT HEAD METHOD.	A Y P
	ACQN/DEVL LOCATION : BUSTED BUTTE VERTICAL TRANSECT CALICO HILLS VERTICAL TRANSECT PAGANY WASH VERTICAL TRANSECT SHARDY BASE HORIZONTAL TRANSECT TOPOPAH CAPROCK HORIZONTAL TRANSECT UZ6 VERTICAL TRANSECT YUCCA CREST HORIZONTAL TRANSECT			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920508312231.014	MOISTURE RETENTION CURVES AND PRESSURE MEASUREMENTS FOR TEST WELL USW H-1.  ACQN/DEVL LOCATION : USW H-1	07/24/81-07/24/81	USGS STANDARD COLLECTION METHODS.	A N P
GS920508312231.015	PRELIMINARY EVALUATION OF HYDROLOGIC PROPERTIES OF CORES OF UNSATURATED TUFF, TEST WELL USW H-1.  ACQN/DEVL LOCATION : USGS	01/01/83-07/12/84	USGS STANDARD METHODS.	D N T
Activity - 8.3.1.2.2.3.2				
GS900908312232.001	GEOHYDROLOGIC DATA FROM TEST HOLE USW UZ-7, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USW UZ-7	01/01/86-12/31/86	USGS STANDARD COLLECTION METHODS.	D N C
GS910808312232.002	UNSATURATED ZONE GEOLOGIC AND HYDROGEOLOGIC DATA COLLECTED FROM TEST HOLE USW UZ-6 RESULTING IN SCIENTIFIC PUBLICATION ENTITLED, GEOHYDROLOGIC AND DRILL-HOLE DATA FOR TEST HOLE USW UZ-6, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY MERRICK S WHITFIELD JR., COLLEEN M COPE, AND CAROLE L LOSKOT.  ACQN/DEVL LOCATION : USW UZ-6	06/18/84-01/17/85	STANDARD USGS FIELD METHODS. MANY OF THE CURRENT HYDROLOGIC PROCEDURES IN PLACE WERE DEVELOPED AFTER THE COMPLETION OF THIS TEST HOLE. THE FOLLOWING HP'S WERE APPROVED PRIOR TO THIS ACTIVITY: HP-01, R0, HP-06, R0, HP-08, R0 AND HP-11, R0.	A N P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910808312232.003	THERMISTOR CALIBRATION RECORDS FOR THERMISTORS 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, AND 140.	03/19/91-08/01/91	COLLECTED USING THMCAL VERSION 1.006 SOFTWARE. YMP-USGS/NHP0045.01	A Y P
ACQN/DEVL LOCATION : HYDROLOGY RESEARCH FACILITY, AREA 25, NTS.				
GS911008312232.003	PRESSURE TRANSDUCER CALIBRATION RECORDS SET 1. DATA IS FOR FOLLOWING TRANSDUCERS: MOD 1 (CONTROL) MOD 2 326536, 326537, 326538, 326539, 326540, 326542, 326547, 326548, 326551, 326552, 326554, 326555, 326557, 326558, 326559.	02/18/91-03/29/91	COLLECTED USING PTCAL VERSION 1.007 SOFTWARE YMP-USGS-NHP-0036.01 GENERATED BY RUNNING THE PRESSURE TRANSDUCERS THROUGH A SET OF CONTROLLED TEMPERATURES AND PRESSURES AND MEASURING VOLTAGE OUTPUT.	A Y P
ACQN/DEVL LOCATION : HYDROLOGIC RESEARCH FACILITY, AREA 25, NTS				
GS911008312232.004	PRESSURE TRANSDUCER CALIBRATION RECORDS SET 2. DATA IS FOR FOLLOWING TRANSDUCERS: MOD 1 (CONTROL) MOD 2 391952, 391953, 391954, 391957, 391958, 391959, 391961, 391962, 391964, 391966, 391967, 391968, 391970, 391972, 391974.	04/01/91-05/01/91	COLLECTED USING PTCAL VERSION 1.007 SOFTWARE YMP-USGS-NHP-0036.01 GENERATED BY RUNNING THE PRESSURE TRANSDUCERS THROUGH A SET OF CONTROLLED TEMPERATURES AND PRESSURES AND MEASURING VOLTAGE OUTPUT.	A Y P
ACQN/DEVL LOCATION : HYDROLOGIC RESEARCH FACILITY, AREA 25, NTS				

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
GS911108312232.005	CORE INDEX, SAMPLING RECORD, DESCRIPTION OF SAMPLES AND FRACTURES FOR USW UZ-13.  ACQN/DEVL LOCATION : N752100(N) E558500(N)	01/24/85-04/18/85	USGS STANDARD COLLECTION METHODS.	A N C
GS911108312232.006	CORE DATA FOR USW UZ-13.  ACQN/DEVL LOCATION : N752100(N) E558500(N)	01/24/85-04/18/85	USGS STANDARD COLLECTION METHODS.	A N C
GS911108312232.007	DRILL CUTTINGS - WATER CONTENT MEASUREMENTS FOR USW UZ-13.  ACQN/DEVL LOCATION : N752100(N) E558500(N)	01/24/85-04/18/85	USGS STANDARD COLLECTION METHODS.	A N C
GS911108312232.008	WATER POTENTIAL DATA SC-10 FOR USW UZ-13.  ACQN/DEVL LOCATION : N752100(N) E558500(N)	01/24/85-04/18/85	USGS STANDARD COLLECTION METHODS.	A N C
GS911108312232.009	LOGBOOK FOR USW UZ-13.  ACQN/DEVL LOCATION : N752100(N) E558500(N)	01/24/85-04/18/85	USGS STANDARD COLLECTION METHODS.	A N C
GS911108312232.010	THERMOCOUPLE PSYCHROMETER CALIBRATION RECORDS SET 1: D13, D14, D15, D19, D21, E2, E3, E4, E5, E6, E7, E8, E9, 10, E12, E13, E14, E17, E19, E20, E22, E23, E24, E25, E26, E27, E30, E31.  ACQN/DEVL LOCATION : HYDROLOGIC RESEARCH FACILITY, AREA 25, NTS	02/03/91-05/18/91	COLLECTED USING TCPCAL VERSION 1.008 SOFTWARE. YMP-USGS-NHP0044 01. GENERATED BY RUNNING THE PSYCHROMETERS THROUGH A SET OF CONTROLLED TEMPERATURES IN A SERIES OF NAC1 SOLUTIONS AND MEASURING VOLTAGE.	A Y P



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920208312231.007	PHYSICAL LAB DATA OF CORE SAMPLES FROM BOREHOLES DD1 AND DD2. INCLUDES DEPTH, BULK DENSITY, POROSITY, VOLUMETRIC WATER CONTENT, AND RELATIVE SATURATION.	01/02/90-06/01/90	BULK DENSITY DETERMINED USING ARCHIMEDES DISPLACEMENT METHOD. POROSITY DETERMINED USING VACUUM SATURATED WEIGHT AND 105 DEGREES CENTIGRADE OVEN DRIED WEIGHT. VOLUMETRIC WATER CONTENT MEASURED WITH TOP LOADING BALANCE AND MULTIPLIED BY BULK DENSITY AND SATURATION IS VOLUMETRIC WATER CONTENT DIVIDED BY POROSITY.	A N P
	ACQN/DEVL LOCATION : DD-1 DD-2			
GS920208312231.008	VOLUMETRIC WATER CONTENT MEASURED WITH A NEUTRON MOISTURE METER AT 0.1 M INTERVALS BEFORE AND AFTER IMBIBITION EXPERIMENTS IN 1 WELDED (DD-2) AND 1 NON-WELDED (DD-1) BOREHOLE.	12/01/89-08/30/90	CPN MODEL 503 NEUTRON MOISTURE METER USED IN 2 HORIZONTAL BOREHOLES. FIELD CALIBRATED USING CORE COLLECTED DURING DRILLING.	A N P
	ACQN/DEVL LOCATION : G-TUNNEL			
GS920208312231.009	CALCULATED SORPTIVITY VALUES AT VARIOUS INITIAL WATER CONTENTS FOR CORE FROM NON-WELDED (DD-1) AND WELDED (DD-2) BOREHOLES. IMBIBITION INTO NON-WELDED (DD-1) BOREHOLE WITH TIME.	07/12/89-12/19/89	BOREHOLE IMBIBITION DATA COLLECTED WITH PRESSURE TRANSDUCER HOOKED TO A MARIOTTE SYSTEM AND TO A DATALOGGER. CORE DATA COLLECTED FROM A TOP LOADING BALANCE CONNECTED TO A COMPUTER, AND REGRESSIONS RUN TO PRODUCE SLOPE OF SORPTIVITY VS. TIME 1/2.	A N P
	ACQN/DEVL LOCATION : GTUF (G-TUNNEL UNDERGROUND FACILITY)			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920808312232.001	GEOHYDROLOGICAL DATA FROM DRILL-BIT CUTTINGS AND ROTARY CORES FROM TEST HOLE USW UZ-13, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY JACK KUME AND DALE P. HAMMERMEISTER.	01/24/85-04/18/85	THE REPORT DESCRIBES METHODS USED IN DRILLING AND CORING THE TEST HOLE, METHODS USED TO COLLECT, HANDLE AND TEST SAMPLES, AND TO DETERMINE LITHOLOGIC INFORMATION, WATER CONTENT AND POTENTIAL, BULK DENSITY AND GRAIN-DENSITY DATA FOR THE TEST HOLE.	D N P
	ACQN/DEVL LOCATION : HOLMES & NARVER, MERCURY, NV TEST CELL C USGS, NTS			
Activity - 8.3.1.2.2.4.9				
GS900908312249.001	TRIAXIAL-COMPRESSION EXTRACTION OF PORE WATER FROM UNSATURATED TUFF, YUCCA MOUNTAIN, NEVADA.	06/01/87-06/30/87	USGS STANDARD COLLECTION METHODS.	D N P
	ACQN/DEVL LOCATION : UE25 UZ-4 UE25 UZ-5			
Activity - 8.3.1.2.2.6.1				
GS910608312261.001	THE COMPOSITION AND CO(2) CARBON ISOTOPE SIGNATURE OF GASES FROM BOREHOLE USW-UZ-6, YUCCA MOUNTAIN, NEVADA, BY DONALD C THORSTENSON.	09/01/86-03/01/90	PLEASE REFER TO THE FOLLOWING TECHNICAL PROCEDURES FOR DESCRIPTIONS OF OUR COLLECTION PROCESS: HP-56, R2, HP-160, R1, HP-175, R2, HP-176, R1, HP-177, R1, HP-178, R0.	A N P
	ACQN/DEVL LOCATION : USW-UZ-1 USW-UZ-6 USW-UZ6S			

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.7.1				
GS911108312271.001	HEAT EVACUATION SHEETS FOR GAS STORAGE AND COLLECTION CYLINDERS. EVACUATION PERFORMED PRIOR TO UZ1 BOREHOLE GAS COLLECTION.	05/01/89-10/31/91	USGS-HP-195	A Y P
	ACQN/DEVL LOCATION : UZ1			
GS911108312271.002	FIELD PUMPING DATA SHEETS DOCUMENTING PUMPING TIMES, FLOW RATES, SAMPLE COLLECTION AND TUBING ADVANCES FOR UZ1.	01/01/84-10/31/91	USGS-HP-56	A Y P
	ACQN/DEVL LOCATION : UZ1			
GS911108312271.003	DEGASSING DATA SHEETS DOCUMENTING DEGASSING TIME, TEMPERATURE, AND APPROXIMATE VOLUMES OF GAS FOR BOREHOLE UZ1.	01/01/84-10/31/91	USGS-HP-86 AND USGS-HP-190T	A Y P
	ACQN/DEVL LOCATION : UZ1			
GS911108312271.004	GAS CHROMATOGRAPH RECORDS OF GAS CONCENTRATIONS OF SYRINGE SAMPLES TAKEN DURING UZ1 BOREHOLE GAS SAMPLING.	12/01/84-04/01/91	USGS-HP-160	A Y P
	ACQN/DEVL LOCATION : UZ1			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS911108312271.005	FLOW METER CALIBRATION RECORD FOR UZ1. ACQN/DEVL LOCATION : UZ1	03/01/87-04/01/91	USGS-HP-56	A Y P
GS911208312271.006	LABORATORY RESULTS OF DELTA 18 O VALUES FROM WATER VAPOR SAMPLES, BOREHOLE UZ1. ACQN/DEVL LOCATION : USGS	04/10/89-10/31/89	USGS APPROVED VENDOR SERVICE	D Y P
GS911208312271.007	LABORATORY RESULTS OF TRITIUM VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE UZ1. ACQN/DEVL LOCATION : USGS	02/04/86-10/31/91	USGS APPROVED VENDOR LABORATORY	D Y P
GS911208312271.008	LABORATORY RESULTS OF DELTA D VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE UZ1. ACQN/DEVL LOCATION : USGS	04/10/89-10/31/91	USGS APPROVED VENDOR LABORATORY	D Y P
GS911208312271.009	LABORATORY RESULTS OF CARBON-14 ANALYSIS OF GAS SAMPLES FROM BOREHOLE UZ1. ACQN/DEVL LOCATION : USGS	01/01/84-10/31/91	USGS STANDARD METHODS	D Y P
GS911208312271.010	LABORATORY RESULTS OF CARBON-13/CARBON 12 ISOTOPE RATIO FROM GAS SAMPLES FROM BOREHOLE UZ1. ACQN/DEVL LOCATION : USGS	01/01/84-10/31/91	USGS STANDARD METHODS	D Y P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS911208312271.011	GAS CHROMATOGRAPH INTERPRETATION OF GAS CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING UZ1 BOREHOLE GAS SAMPLING.  ACQN/DEVL LOCATION : USGS	12/01/84-04/01/91	USGS-HP-160	D Y P
Activity - 8.3.1.2.2.7.2				
GS910408312272.001	COMPARISON OF PORE-WATER EXTRACTION BY TRIAXIAL COMPRESSION AND HIGH-SPEED CENTRIFUGATION METHODS.  ACQN/DEVL LOCATION : USGS	01/10/86-04/30/86	USGS STANDARD COLLECTION METHOD	D N C
GS920408312272.002	"PRELIMINARY ISOTOPIC DATA ON UNSATURATED-ZONE FLOWS AT YUCCA MOUNTAIN, NEVADA" THIS PAPER PRESENTS THE DATA FOR TRITIUM, CHEMICAL COMPOSITION, CARBON-14, CARBON-13, OXYGEN-18, AND DEUTERIUM IN PORE WATER IN CORES OBTAINED FROM TWO TEST HOLES IN PAGANY WASH, A DRY CHANNEL ON THE EAST SIDE OF YUCCA MOUNTAIN.  ACQN/DEVL LOCATION : UE25 UZ #4 UE25 UZ #5	10/10/84-04/19/90	CORES WERE OBTAINED BY DRY-CORING. SAMPLES WERE SUBJECTED TO SUBJECTED TO TRIAXIAL COMPRESSION OR HIGH-SPEED CENTIFUGATION, THEN VACUUM DISTILLATION TO OBTAIN WATER FOR ANALYSES. ANALYSES DONE AT VARIOUS LABS THROUGHOUT THE COUNTRY.	A N P

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.8.1				
GS910908312281.001	PERMEABILITY OF A FRACTURE WITH CYLINDRICAL ASPERITIES BY SUNIL KUMAR, ROBERT ZIMMERMAN AND GUDMUNDUR BODVARSSON.	10/01/90-12/31/90	DEVELOPMENT OF MATHEMATICAL EXPRESSIONS	A N P
	ACQN/DEVL LOCATION : LBL LABS			
GS911008312281.002	SCIENTIFIC REPORT ENTITLED "FRACTAL CHARACTERISTICS OF FRACTURE ROUGHNESS AND APERTURE DATA", BY SUNIL KUMAR, GUDMUNDUR BODVARSSON, AND JIM BOERNGE	03/01/89-09/30/89	A COMPLETE DESCRIPTION OF THE HOT COLLECTION METHOD IS OUTLINED IN THE PAPER ENTITLED "ASSESSMENT OF FRACTURE-SAMPLING TECHNIQUES FOR LABORATORY TESTS ON CORE", BY G.R. SEVERSON AND J.M. BOERNGE. THIS PACKAGE IS LISTED UNDER TRANSMITTAL NO. HIP-91-0192 IN THE LOCAL RECORDS CENTER.	A N C
	ACQN/DEVL LOCATION : G-TUNNEL, NEVADA TEST SITE			
GS920108312281.001	"SEMI-ANALYTICAL TREATMENT OF MATRIX/FRACTURE FLOW IN A DUAL-POROSITY SIMULATOR FOR UNSATURATED FRACTURED ROCK MASSES". DATA USED IN THIS PAPER CONSISTS OF PARAMETERS USED IN CAPILLARY PRESSURE AND RELATIVE PERMEABILITY CURVES. THESE PARAMETERS WERE TAKEN FROM THE REPORT "PRELIMINARY NUMERICAL SIMULATIONS OF GROUNDWATER FLOW IN THE UNSATURATED ZONE, YUCCA MOUNTAIN, NV", LBL-20553, 1986	01/01/84-12/31/85	USGS STANDARD DEVELOPMENT METHODS	D N P
	ACQN/DEVL LOCATION : USGS			

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.9.3				
GS911208312293.001	GEOLOGICAL AND HYDROLOGICAL DATA, LITHOLOGIC LOGS, GROUNDWATER DATA AND STRUCTURAL DATA FROM GEOLOGIC MAPS USED FOR A PROCEEDINGS (1991 INTERNATIONAL HIGH LEVEL RADIOACTIVE WASTE MANAGEMENT CONFERENCE).	10/01/90-10/01/91	DEVELOPMENT OF A THREE DIMENSIONAL MODEL OF YUCCA MOUNTAIN UNSATURATED ZONE.	D Y P
ACQN/DEVL LOCATION : LAWRENCE BERKLEY LABS				
Activity - 8.3.1.2.3.1.2				
GS900908312312.001	GEOHYDROLOGIC AND DRILL-HOLE DATA FROM TEST WELL USW H-3, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.	01/01/82-01/31/82	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : USW H-3				
GS900908312312.002	GEOHYDROLOGIC AND DRILL HOLE DATA FOR TEST WELL USW H-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA. DATA ON DRILLING OPERATIONS, LITHOLOGY, GEOPHYSICAL WELL LOGS, SIDEWALL CORE SAMPLES, WATER-LEVEL MONITORING, PUMPING TESTS, INJECTIONS TESTS, RADIOACTIVE-TRACER BOREHOLE FLOW SURVEY AND WATER CHEMISTRY FOR TEST WELL USW H-4.	03/01/82-04/30/82	USGS STANDARD COLLECTION METHODS.	D N P
ACQN/DEVL LOCATION : USW H-4				

# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910208312312.003	<p>RAW DATA FOR THE 1990 WATER LEVEL DATA COLLECTION PERIOD. THE COLLECTION PERIOD IS FROM JANUARY 1, 1990 TO DECEMBER 31, 1990. THE RAW DATA IS IN THE FORM OF LOGBOOKS AND MAGNETIC CASSETTE TAPES.</p> <p>ACQN/DEVL LOCATION : UE25B-1 UE25C-2 UE25C-3 UE25P-1 UE25WT-6 US25WT-13 US25WT-16 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2</p>	01/01/90-12/31/90	PLEASE REFER TO THE FOLLOWING TECHNICAL PROCEDURES FOR DETAILS CONCERNING OUR COLLECTION PROCESSES: HP-25, R1, HP-26, R1, HP-60, R1, HP-71, R0, HP-75, R1, HP-93, R0.	A Y P
GS910408312312.004	<p>1991 WATER LEVEL NETWORK LOGBOOK. RECORDS ALL DATA ACQUIRED FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN AT WELL SITES ON OR NEAR YUCCA MOUNTAIN, NEVADA. THIS IS THE FIRST QUARTER DATA ONLY.</p> <p>ACQN/DEVL LOCATION : J-11 J-12 J-13 UE25 UZN-2 UE29A-1 UE29A-2 USW G-4 USW H-1 USW H-3 USW WT-1 USW WT-10 USW WT-12 USW WT-14 USW WT-15</p>	01/01/91-04/02/91	PLEASE REFER TO THE FOLLOWING TECHNICAL PROCEDURES FOR DETAILS CONCERNING OUR COLLECTION PROCESSES: HP-75, REVISION 1, HP-25, REVISION 1, HP-60, REVISION 1.	A Y P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
	USW WT-17 USW WT-18 USW WT-2 USW WT-3 USW WT-4 USW WT-5 USW WT-6 USW WT-7 UZN 2-9 VH-1		
GS910508312312.005	LOGBOOKS CONTAINING RAW DATA IN THE FORM OF ORIGINAL WATER LEVEL MEASUREMENTS, CORRECTION SHEETS FOR THE DATA AND A FILE CONTAINING THE CORRECTED DATA IN A MORE USABLE FORMAT.	01/01/89-12/31/89	MANUAL WATER LEVEL MEASUREMENTS ARE MADE FOLLOWING THE PROCEDURES DETAILED IN HP-25 AND/OR HP-75. DATA ARE RECORDED IN LOGBOOK AND CORRECTIONS ARE SUBSEQUENTLY APPLIED TO OBTAIN TRUE WATER LEVELS ALTITUDES.
	ACQN/DEVL LOCATION : UE25B-1 UE25C-2 UE25C-3 UE25P-1 UE25WT-13 UE25WT-16 UE25WT-6 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2		A Y P

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910508312312.006	<p>WATER LEVELS FROM CONTINUOUSLY MONITORED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA. DATA CONSIST OF ORIGINAL DATA IN LOGBOOKS, DEVELOPED DATA, AND SUPPORTING FILES. THIS DATA PACKAGE SUPPORTS THE "WATER LEVELS IN CONTINUOUSLY MONITORED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1985-88".</p> <p>ACQN/DEVL LOCATION : UE25B-1 UE25C-2 UE25C-3 UE25P-1 UE25WT-13 UE25WT-16 UE25WT-6 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2</p>	01/01/85-12/31/88	<p>REFER TO THE TECHNICAL PROCEDURES LISTED BELOW FOR DETAILS CONCERNING DATA COLLECTION METHODS. HP-25, HP-26, HP-60, HP-71, HP-75, HP-93 (USE THE REVISION THAT WAS EFFECTIVE AT THAT TIME).</p>	A Y P
GS910708312312.007	<p>1991 WATER-LEVEL NETWORK LOGBOOK. RECORDS ALL DATA ACQUIRED FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN AT WELL SITES ON OR NEAR YUCCA MOUNTAIN, NEVADA. THIS IS SECOND QUARTER DATA ONLY.</p> <p>ACQN/DEVL LOCATION : UE25B-1 UE25C-2 UE25C-3 UE25P-1 UE25WT-13 UE25WT-16 UE25WT-6 USW G-3 USW H-1 USW H-3 USW H-4</p>	03/29/91-06/26/91	<p>PLEASE REFER TO THE FOLLOWING TECHNICAL PROCEDURES FOR DETAILS CONCERNING OUR COLLECTION PROCESS - HP-75, R1, HP-25, R1, HP-60, R1.</p>	A Y P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW H-5 USW H-6 USW WT-11 USW WT-2			
GS911008312312.008	PERIODIC WATER-LEVEL MEASUREMENTS TAKEN IN THE YUCCA MOUNTAIN AREA, NEVADA, 1991. THIRD QUARTER ONLY.	07/02/91-09/30/91	MANUAL WATER-LEVEL MEASUREMENTS MADE AT VARIOUS BOREHOLES IN THE YUCCA MOUNTAIN AREA. MEASUREMENTS MADE USING STEEL TAPES OR MULTICONDUCTOR CABLE UNITS.	A Y P
	ACQN/DEVL LOCATION : J-11 J-12 J-13 UE25B#1 USW H-3 WT-1 WT-10 WT-12 WT-13 WT-15 WT-17 WT-18 WT-7			
GS920108312312.001	SCIENTIFIC NOTEBOOK. WATER LEVEL AND BAROMETRIC PRESSURE DATA COLLECTED USING SENSORS CONNECTED TO DATA COLLECTION PLATFORMS (HANDAR MODEL S 70 A)	06/01/90-09/17/91	WATER LEVEL, BAROMETRIC PRESSURE AND RELATED DATA COLLECTED BY VARIOUS SENSORS, AND STORED AND TRANSMITTED BY THE HANDAR DATA COLLECTION PLATFORM. REFER TO HP-196T, R0 FOR A DETAILED DESCRIPTION OF PROCEDURE. REFER ALSO TO SN-004.	A Y P
	ACQN/DEVL LOCATION : UE 25 WT-6 USW G-3 USW H-4 USW H-5 USW H-6 USW WT-11			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920208312312.002	1991 PERIODIC WATER-LEVEL NETWORK LOGBOOK. RECORDS ALL DATA ACQUIRED FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN AT WELL SITES IN THE VICINITY OF YUCCA MOUNTAIN, NV.	01/01/91-12/31/91	HP-25, R1; HP-26, R1; AND HP-75, R1. MANUAL WATER-LEVEL MEASUREMENTS TAKEN WITH EITHER STEEL TAPES OR A MULTICONDUCTOR CABLE UNIT.	A Y P
	ACQN/DEVL LOCATION :			
	J-11			
	J-12			
	J-13			
	TEST WELL B			
	UE-29 A #1			
	UE-29 A #2			
	UE-29UZ91			
	UE-5N			
	UE25 WT-12			
	UE25 WT-14			
	UE25 WT-17			
	UE25 WT-18			
	UE25 WT-3			
	UE25 WT-4			
	UE25 WT-6			
	UE25B #1			
	UE25P #1			
	USW G-3			
	USW G-4			
	USW H-1			
	USW H-3			
	USW H-4			
	USW H-5			
	USW H-6			
	USW VH-1			
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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	UZ N9 UZ N91			
GS920208312312.003	1991 PERIODIC WATER-LEVEL MEASUREMENTS TAKEN AT VARIOUS BOREHOLES IN THE YUCCA MOUNTAIN AREA. FOURTH QUARTER OF 1991 DATA ONLY.  ACQN/DEVL LOCATION : J-11 J-12 J-13 TEST WELL B UE-5N UE25 WT-12 UE25 WT-14 UE25 WT-15 UE25 WT-17 UE25 WT-18 UE25 WT-3 UE25 WT-4 UE25P #1 USW H-1, TUBE 2 USW H-3 USW H-5 USW WT-1 USW WT-10 USW WT-7	09/30/91-12/31/91	HP 25, R1; HP-26, R1; AND HP-75, R1. MANUAL WATER-LEVEL MEASUREMENTS TAKEN WITH EITHER STEEL TAPES OR A MULTICONDUCTOR CABLE UNIT.	A Y P
GS920208312312.004	1991 DATA COLLECTION, CONTINUOUS METHOD. WATER-LEVEL AND RELATED DATA COLLECTED IN THE VICINITY OF YUCCA MOUNTAIN.  ACQN/DEVL LOCATION : UE25 WT #13 UE25 WT #16 UE25 WT #6 UE25B #1 UE25P #1 USW G-3 USW H-1 USW H-3 USW H-4	01/01/91-01/24/92	HP-25, R1; HP-26, R1; HP-60, R1; HP-71, R0; HP-75, R1; AND HP-196T, R0.	A Y P

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW H-5 USW H-6 USW WT-11 USW WT-2			
GS920208312312.005	1991 RAW WATER-LEVEL DATA IN THE FOLLOWING FORMATS: ANALOG CHART RECORDER, RAW MILLIVOLT VALUES FROM TRANSDUCERS (GRAPHICAL AND NUMERICAL FORM), REGRESSION ANALYSES OF TRANSDUCER CALIBRATIONS (LOGBOOK PAGES ATTACHED), COPIES OF LOGBOOK PAGES CONTAINING DATA OBTAINED FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN WITH STEEL TAPES AND/OR MULTICONDUCTOR CABLES.	12/12/91-12/19/91	WATER-LEVEL DATA COLLECTED IN THE FOLLOWING WAYS: TRANSDUCER/DATALOGGER SYSTEM (HP-60, HP-71). TRANSDUCER/DCP SYSTEM (HP-196T). STEEL TAPES (HP-75) .MULTICONDUCTOR CABLE UNIT (HP-25). ANALOG CHART RECORDER (HP-60). CALIBRATION REGRESSIONS DONE USING STANDARD STATISTICAL EQUATIONS.	D Y P
	ACQN/DEVL LOCATION : J-11 J-12 J-13 TEST WELL B UE-25 WT #13 UE-25 WT #16 UE-25 WT #18 UE-25 WT #6 UE-25B #1 UE-25P #1 UE-5N USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2			

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920208312312.006	ELECTRONIC DATABASE RAW WATER-LEVEL DATA COLLECTED AT WELL SITES IN THE VICINITY OF YUCCA MOUNTAIN. PART OF THE 1991 CONTINUOUS WATER-LEVEL NETWORK DATA PACKAGE.  ACQN/DEVL LOCATION : UE-25 WT #6 USW G-3 USW H-4 USW H-5 USW H-6 USW WT-11	09/26/90-12/31/91	HP-196T, R0. DATA COLLECTED USING A DATA COLLECTION PLATFORM.	A Y P
GS920408312312.007	MANUAL WATER-LEVEL MEASUREMENT DATA COLLECTED AT WELLS ON OR NEAR YUCCA MOUNTAIN, NEVADA. FROM PERIODIC LOGBOOK 1992.  ACQN/DEVL LOCATION : J-11 J-12 J-13 TEST WELL B UE-25 WT #12 UE-25 WT #13 UE-25 WT #14 UE-25 WT #15 UE-25 WT #16 UE-25 WT #17 UE-25 WT #18 UE-25 WT #3 UE-25 WT #4 UE-25 WT #6 UE-25B #1 UE-25C #1 UE-25C #2 UE-25C #3 UE-25P #1 UE-5N USW G-3 USW H-1 USW H-3	01/02/92-04/06/92	USGS HP-26, R1, USGS HP-75, R1 AND USGS HP-25, R1. MEASUREMENTS MADE USING STEEL TAPE.	A Y P

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SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW H-4 USW H-5 USW H-6 USW VH-1 USW WT-1 USW WT-10 USW WT-11 USW WT-2 USW WT-7			
GS920508312312.008	SELECTED WATER LEVEL DATA FROM WELLS IN THE YUCCA MOUNTAIN AREA. WELLS J-11, J-12, J-13, VH-1, UE-25 WT#13, UE-25 WT#15, UE-25P#1 FOR THE FIRST QUARTER, 1992.	01/02/92-03/31/92	HP-60, R1 AND HP-75, R1. CALIBRATION REGRESSIONS DONE USING STANDARD STATISTICAL CALCULATIONS. RAW WATER-LEVEL MEASUREMENTS CONVERTED TO DEPTH-TO-WATER BELOW LAND SURFACE USING WORKSHEETS. WORKSHEETS ARE SELF-EXPLANATORY.	D Y P
	ACQN/DEVL LOCATION : J-11 J-12 J-13 UE-25 WT#13 UE-25 WT#15 UE-25P#1 USW VH-1			
*GS920608312312.009	DEPTHS-TO-WATER BELOW SEA LEVEL CALCULATED FROM RAW MANUAL WATER-LEVEL MEASUREMENTS. REPORT TITLE - "WATER LEVELS IN PERIODICALLY MEASURED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1988"	01/01/89-05/18/90	RAW MANUAL WATER-LEVEL MEASUREMENTS WERE ADJUSTED TO TRUE DEPTH BELOW SEA LEVEL. THE MEASUREMENTS WERE ADJUSTED FOR STRETCH, THERMAL EXPANSION, PROBE LENGTH, BOREHOLE DEVIATION AND ALTITUDE OF A REFERENCE POINT, AS NECESSARY	D Y P
	ACQN/DEVL LOCATION : USGS, DFC			



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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920608312312.010	MANUAL WATER-LEVEL MEASUREMENT DATA FROM 1988-90.	01/01/88-12/31/90	ALL MANUAL WATER-LEVEL MEASUREMENTS TAKEN FROM 1988-1990 WERE USED TO DEVELOP THIS DATA SET.	D Y P
	ACQN/DEVL LOCATION : TEST WELL B			
	UE-25 B #1			
	UE-25 C #1			
	UE-25 C #2			
	UE-25 C #3			
	UE-25 P #1			
	UE-25 WT #12			
	UE-25 WT #13			
	UE-25 WT #14			
	UE-25 WT #15			
	UE-25 WT #16			
	UE-25 WT #17			
	UE-25 WT #18			
	UE-25 WT #3			
	UE-25 WT #4			
	UE-25 WT #6			
	UE-5N			
	USW G-3			
	USW H-1			
	USW H-3			
	USW H-4			
	USW H-5			
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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920608312312.011	PRECISION AND ACCURACY OF MANUAL WATER-LEVEL MEASUREMENTS TAKEN IN THE YUCCA MOUNTAIN AREA, 1988-90.	04/25/90-06/21/92	PRECISION DATA WAS CALCULATED USING RAW WATER-LEVEL DATA TAKEN WITH STEEL TAPES OR A MULTICONDUCTOR CABLE. ACCURACY DATA WAS CALCULATED FROM CALIBRATION DATA. REFERENCE TECHNICAL PROCEDURES: HP-25, HP-75, HP-26.	D Y P
	ACQN/DEVL LOCATION : USGS, DFC			
*GS920708312312.012	RAW, MANUALLY MEASURED WATER LEVEL DATA (CONTAINED IN LOGBOOKS AND ON WATER LEVEL DETERMINATION SHEETS), CALIBRATION DATA & SUBSEQUENT WORKUPS, LISTS OF THE MEASURING POINTS AND REFERENCE POINTS AT THE WELLS	01/01/88-12/31/88	WATER LEVEL DATA COLLECTED USING STEEL TAPES OR MULTICONDUCTOR CABLE UNITS. RELATED TECHNICAL PROCEDURES INCLUDE: HP-26, HP-25, HP-60, HP-75.	A Y P
	ACQN/DEVL LOCATION : TEST WELL B			
	UE-25 B #1			
	UE-25 C #1			
	UE-25 C #2			
	UE-25 C #3			
	UE-25 P #1			
	UE-25 WT #12			
	UE-25 WT #13			
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	UE-25 WT #17			
	UE-25 WT #18			
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	UE-25 WT #4			
	UE-25 WT #6			
	UE-5N			
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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
	USW WT-2 USW WT-7 WELL J-11 WELL J-12 WELL J-13 WELL VH-1		
*GS920708312312.013	DATA RESULTING FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN AT WELL SITES ON OR AROUND YUCCA MOUNTAIN, NEVADA, SECOND QUARTER, 1992	04/03/92-06/25/92	SEE TECHNICAL PROCEDURES HP-26,R1, METHOD FOR CALIBRATING WATER-LEVEL MEASUREMENT EQUIPMENT USING THE REFERENCE STEEL TAPE; HP-25,R1, METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR; HP-75,R1, DIATOM ENUMERATION STUDIES.
	ACQN/DEVL LOCATION : JF-3 TEST WELL B UE-25 B #1 UE-25 C #1 UE-25 C #2 UE-25 C #3 UE-25 P #1 UE-25 WT #12 UE-25 WT #13 UE-25 WT #14 UE-25 WT #15 UE-25 WT #16 UE-25 WT #17 UE-25 WT #18 UE-25 WT #3 UE-25 WT #4 UE-25 WT #6 UE-29 A #1 UE-29 A #2 UE-29 UZN #91 UE-5N USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-1		A Y P

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SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
	USW WT-10 USW WT-11 USW WT-2 USW WT-7 WELL J-11 WELL J-12 WELL J-13 WELL VH-1		
*GS920808312312.014	WATER-LEVEL DATA CONSISTING OF: LOGBOOK PAGES CONTAINING RAW DATA FROM MANUAL MEASUREMENTS, WATER-LEVEL DATA WORKSHEETS, CALIBRATION REGRESSIONS AND CORRESPONDING LOGBOOK PAGES. DATA FROM SPECIFIC WELLS FOR 2ND QUARTER, 1992.  ACQN/DEVL LOCATION : USGS, DENVER	04/01/92-06/30/92	CONVERSION OF RAW WATER-LEVEL DATA TO TRUE D Y P DEPTHS-TO-WATER AND THE CALIBRATION REGRESSIONS WERE COMPLETED USING STANDARD MATHEMATICAL EQUATIONS.
*GS920808312312.015	TRANSDUCER CALIBRATION DATA FROM WELLS IN THE YUCCA MOUNTAIN AREA.  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	03/03/92-07/01/92	TRANSDUCER CALIBRATIONS PERFORMED ACCORDING TO THE GUIDELINES IN HP-60,R2, METHOD FOR MONITORING WATER-LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920808312312.016	TRANSDUCER CALIBRATION REGRESSION EQUATIONS.	08/19/92-08/21/92	REGRESSION ANALYSES PERFORMED USING STANDARD STATISTICAL ANALYSES	D Y C
ACQN/DEVL LOCATION : USGS				
*GS920808312312.017	TRANSDUCER OUTPUT DATA FROM WELLS IN THE YUCCA MOUNTAIN AREA SHOWING RESPONSE TO EARTHQUAKES ON JUNE 28 AND JUNE 30, 1992	06/26/92-07/11/92	WATER-LEVEL RESPONSE DATA COLLECTED ACCORDING TO HP-60, R2, METHOD FOR MONITORING WATER-LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS; HP-196T,R0, DATA COLLECTION PLATFORMS; AND HP-221T,R0, MONITORING THE WELL WATER LEVEL OR FLUID PRESSURE RESPONSE TO UNDERGROUND NUCLEAR EXPLOSIONS OR EARTHQUAKES. TABLE SHOWING MONITORING DEPTHS OF WELLS CONTAINS STANDARD PROJECT INFORMATION.	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				

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SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.3.1.3				
GS910508312313.001	DETAILS OF BOREHOLE LOCATION AND CONSTRUCTION FOR THE C-HOLE COMPLEX.  ACQN/DEVL LOCATION : C-HOLE COMPLEX	01/01/83-01/01/86	USGS STANDARD COLLECTION METHODS.	A N P
GS910508312313.002	GEOPHYSICAL LOGS OF THE C-HOLES INCLUDING TELEVISION TAPES OF UE25C#1 AND UE25C#2. THE TELEVISION TAPES ARE USED BY HIP. THESE ARE LOCATED IN BUILDING 53 OF THE DENVER FEDERAL CENTER, DENVER, COLORADO.  ACQN/DEVL LOCATION : C-HOLE COMPLEX UE25C-1 UE25C-2	01/01/83-01/01/86	DOWN HOLE CAMERA AND GEOPHYSICAL LOGS.	A N P
GS910508312313.003	GEOLOGIC INFORMATION FROM THE C-HOLES AND YUCCA MOUNTAIN AREA TO SUPPORT HYDROGEOLOGICAL INTERPRETATIONS OF REPORT.  ACQN/DEVL LOCATION : C-HOLE COMPLEX	01/01/83-12/31/84	USGS STANDARD COLLECTION METHOD.	D N P
GS910508312313.004	GEOCHEMICAL, WATER LEVEL, LABORATORY DETERMINED POROSITY AND PERMEABILITY VALUES, HYDRAULIC STRESS TESTS, TRACE EJECTOR SURVEY RESULTS, TEMPERATURE DATA, FRACTURE DATA, LITHOLOGIC DATA USED FOR CHARACTERIZING HYDROLOGIC PROPERTIES OF ROCKS AT THE C-HOLE SITE AND CONCEPTUALIZING A MODEL FOR GROUNDWATER FLOW IN THE VICINITY OF THE C-HOLES.  ACQN/DEVL LOCATION : USGS	01/01/86-12/31/86	USGS STANDARD LABORATORY PROCEDURES.	D N P

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910508312313.005	MONITORING OF WATER-LEVEL RESPONSE TO UNDERGROUND NUCLEAR EXPLOSION BEXAR 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	PLEASE REFER TO SCIENTIFIC NOTEBOOK PLANS HP-221T, R0, AND HP-222T, R0, FOR DETAILS OF THE COLLECTION METHODS.	A Y P
GS910908312313.006	MONITORING OF WATER-LEVEL RESPONSE TO UNDERGROUND NUCLEAR EXPLOSION HOYA ON AUGUST 15, 1991, AND AN EARTHQUAKE ON AUGUST 16, 1991. ADDITIONAL SUPPORTING DATA INCLUDED.  ACQN/DEVL LOCATION : USW H-4	05/24/91-08/28/91	PLEASE REFER TO SCIENTIFIC NOTEBOOK PLANS HP-221T, R0, AND HP-222T, R0, FOR DETAILS OF THE COLLECTION METHODS.	A Y P
GS910908312313.007	GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL USW H-5, YUCCA MOUNTAIN, NYE COUNTY, NEVADA: AN INTERPRETATION OF DATA COLLECTED DURING HYDRAULIC TESTING AND MONITORING, GEOPHYSICAL LOGGING, AND WATER SAMPLING OF TEST WELL USW H-5. HYDRAULIC TESTING AND MONITORING INCLUDED PUMP TESTS, HYDRAULIC HEADS, AND FLOW SURVEYS.  ACQN/DEVL LOCATION : USW H-5	05/01/82-08/31/82	USGS STANDARD COLLECTION METHODS.	D N P
GS910918312313.007	GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL USW H-5, YUCCA MOUNTAIN, NYE COUNTY, NEVADA: AN INTERPRETATION OF DATA COLLECTED DURING HYDRAULIC TESTING AND MONITORING, GEOPHYSICAL LOGGING, AND WATER SAMPLING OF TEST WELL USW H-5. HYDRAULIC TESTING AND MONITORING INCLUDED PUMP TESTS, HYDRAULIC HEADS, AND FLOW SURVEYS.  ACQN/DEVL LOCATION : USW H-5	05/01/82-08/31/82	U.S. GEOLOGICAL SURVEY STANDARD COLLECTION METHODS.	A N C

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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	SCIENTIFIC NOTEBOOK PLAN HP-221T, R0 AND HP-222T, R0.	A Y P
GS911108312313.009	GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL USW H-6, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USW H-6	08/07/82-12/16/82	USGS STANDARD COLLECTION METHODS.	A N P
GS920208312313.001	TEMPERATURE LOGS RUN AT THE C-HOLE COMPLEX, YUCCA MOUNTAIN AREA, NEVADA.  ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3	10/24/91-10/25/91	A TEMPERATURE LOGGING TRUCK WAS USED TO RUN TEMPERATURE LOGS AT THE THREE C-HOLES.	A N P
GS920208312313.002	MONITORING WATER-LEVEL RESPONSE TO UNDERGROUND NUCLEAR EXPLOSIONS AND EARTHQUAKES.  ACQN/DEVL LOCATION : USGS	11/21/91-02/26/92	SCIENTIFIC NOTEBOOK PLAN HP-221T, R0.	A Y P
GS920508312313.003	MONITORING WATER-LEVEL RESPONSE TO UNDERGROUND NUCLEAR EXPLOSIONS AND EARTHQUAKES FOR TEST WELLS USW H-5 AND USW H-6.  ACQN/DEVL LOCATION : USW H-5 USW H-6	02/24/92-05/22/92	REFERENCE SCIENTIFIC NOTEBOOK PLAN HP-221T, R0.	A Y P



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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920508312313.004	ANALOG CHARTS OF WATER-LEVEL FLUCTUATIONS CAUSED BY EARTHQUAKES.  ACQN/DEVL LOCATION : USW H-5	04/22/92-04/26/92	REFERENCE SCIENTIFIC NOTEBOOK PLAN HP-221T, R0.	D Y C
**GS920508312313.005	"EARTHQUAKE-INDUCED WATER-LEVEL FLUCTUATIONS AT YUCCA MOUNTAIN, NEVADA, APRIL 1992" BY G. M. O'BRIEN.  ACQN/DEVL LOCATION : USGS	04/26/92-04/26/92	USING DATA ON STRIP CHARTS AND CALIBRATION DATA FROM CALIBRATIONS OF THE TRANSDUCERS (REFERENCE HP-60, R2), CALCULATED WATER-LEVEL CHANGES WERE DEVELOPED IN WELLS IN RESPONSE TO EARTHQUAKES.	D Y C
Activity - 8.3.1.2.3.1.4				
GS900908312314.001	DATA COLLECTED FROM HYDROLOGIC AND TRACER TESTS AND AN ACOUSTIC-TELEVIEWER LOG WERE USED TO QUANTIFY INTRAWELL-BORE FLOW DIRECTION AND RATES, PERMEABILITY DISTRIBUTION, FRACTURE POROSITY AND ORIENTATIONS OF THE HYDRAULIC-CONDUCTIVITY ELLIPSOID FOR THE TEST WELL.  ACQN/DEVL LOCATION : USW H-4	01/01/85-12/31/85	USGS STANDARD COLLECTION METHODS.	D N C
GS920408312314.001	LITHOSTRATIGRAPHIC UNITS FOR WELL UE-25P#1. LITHOLOGIC LOGS FOR WELL USW H-4, USW H-5, USW G-4, UE-25B#1 AND J-13.  ACQN/DEVL LOCATION : J-13 UE-25B#1 UE-25P#1 USW G-4 USW H-4 USW H-5	11/14/82-05/03/83	USGS STANDARD COLLECTION METHODS.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920408312314.002	GEOHYDROLOGIC DATA FOR TEST WELL UE-25P#1, YUCCA MOUNTAIN AREA, NYE COUNTY NEVADA.  ACQN/DEVL LOCATION : USGS	06/01/83-05/10/84	USGS STANDARD METHODS.	D N T
GS920408312314.003	INJECTION TESTS, PUMPING TESTS, TRACEJECTOR SURVEY, SUB-SURFACE DIRECTIONAL SURVEY AND TEST DATA FOR TEST WELL USW H-3.  ACQN/DEVL LOCATION : USW H-3	01/21/82-01/25/84	USGS STANDARD COLLECTION AND TESTING METHODS.	A N P
GS920408312314.004	GEOHYDROLOGY OF TEST WELL USW H-3, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USGS	01/01/84-08/24/84	USGS STANDARD METHODS.	D N T
GS920408312314.005	LITHOLOGIC LOGS, TRACEJECTOR SURVEY, PUMPING AND INJECTION TESTS, TEMPERATURE LOGS AND GEOPHYSICAL LOGS FOR TEST WELL USW G-4.  ACQN/DEVL LOCATION : USW G-4	12/05/82-01/06/83	USGS STANDARD COLLECTION METHODS.	A N P
GS920408312314.006	GEOHYDROLOGIC DATA FOR TEST WELL USW G-4, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USGS	01/06/83-12/31/84	USGS STANDARD METHODS.	D N T

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920408312314.007	TIME AND TEMPERATURE LOGS, DIRECTIONAL SURVEYS, GEOPHYSICAL LOGS, INJECTION AND PUMPING TESTS, LITHOLOGIC LOGS AND TRACEJECTOR SURVEY FOR TEST WELL USW H-4.  ACQN/DEVL LOCATION : USW H-4	03/23/82-07/28/83	USGS STANDARD COLLECTION METHODS.	A N P
GS920408312314.008	GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL USW H-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USGS	06/01/82-01/25/85	TEST DRILLING, HYDRAULIC TESTING AND CHEMICAL ANALYSES.	D N T
GS920408312314.009	GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL UE-25P#1, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USGS	01/01/83-08/15/84	USGS STANDARD METHODS.	D N T
GS920408312314.010	LOG BOOKS, INJECTION AND PUMPING TESTS, LITHOLOGIC LOGS, TEST AND CORE ANALYSES AND WATER LEVELS FOR USW H-1.  ACQN/DEVL LOCATION : USW H-1	09/18/80-12/17/80	USGS STANDARD COLLECTION METHODS.	A N P
GS920408312314.011	GEOHYDROLOGY OF TEST WELL USW H-1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USGS	01/01/83-02/14/84	USGS STANDARD METHODS.	D N T

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920408312314.012	FIELD NOTEBOOK, DAILY REPORTS, DRILLING LOGS, INJECTION AND PUMPING TESTS, TEMPERATURE LOGS, AND LITHOLOGIC LOGS FOR TEST WELL UE25B#1.  ACQN/DEVL LOCATION : UE-25B#1	03/31/81-09/22/81	USGS STANDARD METHODS.	A N P
GS920408312314.013	GEOHYDROLOGY OF VOLCANIC TUFF PENETRATED BY TEST WELL UE-25B#1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USGS	12/02/82-11/02/83	USGS STANDARD METHODS.	D N T
Activity - 8.3.1.2.3.2.1				
GS910608312321.001	STABLE ISOTOPE RATIOS AND RADIOCARBON PERCENTAGES.  ACQN/DEVL LOCATION : UE 25WT-12 UE 25WT-14 UE 25WT-15	03/01/88-04/30/90	ANALYSIS OF DUPLICATE SAMPLES COLLECTED BY AND RECEIVED FROM UNLV DESERT RESEARCH INSTITUTE INVESTIGATORS.	A N P
GS920408312321.001	CHEMICAL COMPOSITION DATA AND LABORATORY ANALYSES FOR GROUND WATER FROM TEST WELLS IN YUCCA MOUNTAIN AREA.  ACQN/DEVL LOCATION : J-12 J-13 UE-25B#1 UE-25C#1 UE-25C#2 UE-25P#1 UE-29A#2 US-25C#3 USW G-4 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6	03/26/71-07/06/84	USGS STANDARD COLLECTION METHODS	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW VH-1			
GS920408312321.002	FLOWMETER (TRACEJECTOR) SURVEY ON TEST WELLS IN PERMEABLE ZONES IN YUCCA MOUNTAIN AREA.  ACQN/DEVL LOCATION : UE-25B#1 USW G-4 USW H-1 USW H-4 USW H-5 USW H-6	10/17/80-10/15/82	USGS STANDARD COLLECTION METHODS	A N P
GS920408312321.003	CHEMICAL COMPOSITION OF GROUNDWATER IN THE YUCCA MOUNTAIN AREA, NEVADA 1971 - 1984.  ACQN/DEVL LOCATION : USGS	03/26/71-12/31/85	USGS STANDARD METHODS	D N P
GS920508312321.004	CHEMICAL ANALYSES OF WATER FROM SELECTED WELLS AND SPRINGS IN THE YUCCA MOUNTAIN AREA, NEVADA AND SOUTHWESTERN CALIFORNIA.  ACQN/DEVL LOCATION : USGS	07/01/84-05/01/90	DEVELOPMENT OF THE DATA WAS LIMITED TO CALCULATIONS OF ANION - CATION BALANCE AND CHECKING THE WELL OR SPRING LOCATIONS.	D N P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
Activity - 8.3.1.2.3.2.2				
GS900908312322.001	HYDROGEOLOGIC INFERENCES FROM DRILLERS LOGS AND FROM GRAVITY AND RESISTIVITY IN THE AMARGOSA DESERT, SOUTHERN NEVADA.	07/01/88-07/31/88	USGS STANDARD TEST METHODS.	D N C
ACQN/DEVL LOCATION : USGS				
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	02/07/91-06/30/92	PETROGRAPHY, INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS, AND ELECTRON MICRO-PROBE ANALYSIS	A Y P
ACQN/DEVL LOCATION : LANL				
LA000000000015.001	GEOLOGIC EVALUATION OF SIX NONWELDED TUFF SITES FOR A SURFACE-BASED TEST FACILITY FOR THE YUCCA MOUNTAIN PROJECT	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 Y P
ACQN/DEVL LOCATION : LANL				
LA000000000018.001	REVISED MINERALOGIC SUMMARY OF YMP	09/01/81-11/01/88	X-RAY DIFFRACTION	D N P
ACQN/DEVL LOCATION : LANL				

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Activity - 8.3.1.3.2.1.3				
LA000000000002.001	ELECTRON MICROPROBE ANALYSES OF FRACTURE-LINING MANGANESE OXIDE MINERALS IN THE CRATER FLAT TUFF OF DRILL CORE USW- G-4.  ACQN/DEVL LOCATION : LANL	01/01/86-12/31/89	ELECTRON MICROPROBE DATA.	D N P
LA0000000000020.001	FRACTURE-LINING MANGANESE OXIDE MINERALS IN SILICIC TUFF, YUCCA MOUNTAIN, NEVADA  ACQN/DEVL LOCATION : LANL	05/18/87-10/25/89	ELECTRON MICROPROBE ANALYSES	A N P
LA0000000000021.001	FRACTURE-LINING MANGANESE OXIDE MINERALS IN SILICIC TUFF, YUCCA MOUNTAIN, NEVADA  ACQN/DEVL LOCATION : LANL	05/18/87-10/25/89	ELECTRON MICROPROBE ANALYSES	A N P
Activity - 8.3.1.3.2.2.1				
LA0000000000016.001	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 Y P
LA0000000000016.002	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 Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*LA000000000022.001	BEDROCK BRECCIAS ALONG FAULT ZONES NEAR YUCCA MOUNTAIN, NEVADA	11/05/84-11/20/90	ELECTRON MICROPROBE, SCORNING, ELECTRON MICROSCOPE, X-RAY DIFFRACTION, OPTICAL MICROSCOPY, FIELD OBSERVATION	A Y P
	ACQN/DEVL LOCATION : LANL			
	Activity - 8.3.1.3.2.2.2			
*LA000000000017.001	DEHYDRATION AND REHYDRATION OF A TUFF VITROPHYRE	07/14/87-04/11/92	HEATING, WEIGHING, X-RAY DIFFRACTION, THERMOGRAVIMETRIC ANALYSIS, FOURIER-TRANSFORM INFRARED SPECTROGRAPHY, MOISTURE-EVOLUTION ANALYSIS, ION CHROMATOGRAPHY AND ATOMIC ABSORPTION	A Y P
	ACQN/DEVL LOCATION : LANL			
	Activity - 8.3.1.3.4.2			
LA000000000003.001	"CHELATION" - ABSORBANCE -VS- WAVELENGTH (NM) DATA	08/01/90-09/30/90	INSTRUMENT READ-OUT	D Y P
	ACQN/DEVL LOCATION : LANL			
LA000000000003.002	"CHELATION" - ABSORBANCE -VS- WAVELENGTH (NM) DATA	07/03/85-07/01/91	INSTRUMENT READ-OUT	A Y P
	ACQN/DEVL LOCATION : LANL			
LA000000000004.001	"COLLOIDAL AGGLOMERATION"	06/01/91-08/31/91	INSTRUMENT READ-OUT	D Y P
	ACQN/DEVL LOCATION : LANL			



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
LA000000000004.002	COLLOIDAL AGGLOMERATION  ACQN/DEVL LOCATION : LANL	07/03/85-06/15/92	INSTRUMENT READ-OUT	A Y P
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 Y P
Activity - 8.3.1.3.6.1.1				
LA000000000005.001	RADIONUCLIDE MIGRATION LABORATORY STUDIES FOR VALIDATION OF BATCH SORPTION STUDIES DATA  ACQN/DEVL LOCATION : LANL	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.	D Y P
LA000000000006.001	LABORATORY STUDIES OF RADIONUCLIDES MIGRATION IN TUFF.  ACQN/DEVL LOCATION : LANL	01/01/82-09/30/89	WORK UTILIZED COLUMN EXPERIMENTS WITH CRUSHED SOLID AND FRACTURED TUFF.	D Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
LA000000000008.001	ACTINIDE BEHAVIOR ON CRUSHED ROCK COLUMNS.  ACQN/DEVL LOCATION : LANL	01/01/88-06/30/92	CRUSHED TUFF COLUMNS WERE UTILIZED FOLLOWING LANL/YMP DP 15, 35, 62 AND 63.	D Y P
LA000000000009.001	RADIONUCLIDE MIGRATION AS A FUNCTION OF MINERALOGY.  ACQN/DEVL LOCATION : LANL	04/01/90-04/30/91	BATCH SORPTION EXPERIMENTS AND COLUMN WITH D Y P CRUSHED PURE MINERALS WERE UTILIZED FOLLOWING LANL/YMP DP'S 86, 15, 35, 62, AND 63.	
LA000000000010.001	THE ELUTIONS OF RADIONUCLIDES THROUGH COLUMNS OF CRUSHED ROCK FROM THE NEVADA TEST SITE.  ACQN/DEVL LOCATION : LANL	10/01/76-10/30/92	THIS WORK UTILIZED CRUSHED ROCK COLUMNS FOLLOWING LANL/YMP DETAILED PROCEDURE 15.	D 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.	D Y P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.1				
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			
Activity - 8.3.1.4.2.1.1				
GS900908314211.001	THIS REPORT IS PART OF A STUDY TO CHARACTERIZE CRYSTALLINE BODIES FOR POSSIBLE NUCLEAR WASTE REPOSITORY SITES AT THE NTS. GEOLOGY OF THE TWINRIDGE PLUTON AREA, NEVADA TEST SITE, NEVADA.	01/01/81-12/31/81	LIBRARY RESEARCH.	D N C
	ACQN/DEVL LOCATION : USGS			
GS900908314211.012	STRATIGRAPHY CORRELATION AND PETROGRAPHY OF THE BEDDED TUFFS, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY S.F. DIEHL & M.P. CHORNACK. DENSITY AND POROSITY VALUES FOR PYROCLASTIC-FALL AND NONWELDED PYROCLASTIC-FLOW DEPOSITS FROM THE BASE OF THE TIVA CANYON MEMBER OF THE PIANT BRUSH TUFF TO THE BASE OF THE TRAM MEMBER OF THE CRATER FLAT TUFF.	01/01/87-01/29/88	USGS STANDARD METHODS. DETAILED FIELD, PETROLOGIC, AND SCANNING ELECTRON MICROSCOPIC EXAMINATION OF COMPONENTS AND INTERNAL STRUCTURES OF BEDDED TUFFS.	D N P
	ACQN/DEVL LOCATION : USGS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS900908314212.005	RESISTIVITY SOUNDING INVESTIGATION BY THE SCHLUMBERGER METHOD IN THE YUCCA MOUNTAIN AND JACKASS FLATS AREA, NEVADA TEST SITE, BY M.P. CHORNACK AND D.B. HOOVER  ACQN/DEVL LOCATION : JACKASS FLATS, NTS USGS	01/01/82-12/31/82	SCHLUMBERGER ARRAY.	D N P
GS910708314211.011	SR AND ND ISOTOPIC DATA AND RB, SR, ND, AND SM CONCENTRATIONS FROM DRILL CORE SPECIMANS FROM UE25A-1.  ACQN/DEVL LOCATION : UE25A-1	07/01/90-11/30/90	USGS STANDARD TEST METHODS.	D Y C
GS910808314211.010	MINOR AND TRACE ELEMENT CONCENTRATIONS FROM CORE SAMPLES.  ACQN/DEVL LOCATION : USGS	05/01/89-08/30/89	IN ACCORDANCE WITH NWM-USGS-GCP-12, R1.	D N C
*GS920508314211.001	FIELD NOTES OF PETROGRAPHIC INFORMATION FOR SAMPLES ENCOUNTERED IN THE FIELD, NOV. 1990 - MARCH 1991. THE DESCRIPTIONS INCLUDE PHENOCRYST CONTENTS, ROCK COLOR, STRIKES AND DIPS, AND OTHER STRATIGRAPHIC INFORMATION ABOUT VOLCANIC ROCKS NORTH OF YUCCA MOUNTAIN  ACQN/DEVL LOCATION : CALICO HILLS, TIVA CANYON, SITES NOTED.	11/02/90-03/14/91	FIELD WORK AND COLLECTION OF SAMPLES OF RHYOLITIC LAVA FLOWS AND ASH-FLOW TUFFS FOR PETROGRAPHIC AND GEOCHEMICAL ANALYSIS. NOT COMPLETED. WILL NOT BE USED BY THE USGS FOR SITE CHARACTERIZATION.	A N P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920908314211.002	STRATIGRAPHIC AND STRUCTURAL RELATIONS OF VOLCANIC ROCKS IN DRILL HOLES USW GU-3 AND USW G-3, YUCCA MOUNTAIN, NYE COUNTY, NEVADA BY ROBERT B. SCOTT AND MAYRA CASTELLANOS	06/01/82-11/21/83	INTERPRETATION OF GEOLOGIC RELATIONS BASED ON GEOPHYSICAL LOGS OF CORE WERE CORRELATED WITH SIMILAR RESULTS OF DRILLING IN CENTRAL AND NORTHERN YUCCA MOUNTAIN AND WITH RESULTS OF SURFACE MAPPING TO PRODUCE A CONCEPTUAL MODEL OF THE GEOLOGY OF THE ROCK VOLUME BEING CONSIDERED FOR THE POTENTIAL REPOSITORY.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER			
*GS920908314211.003	STRATIGRAPHIC AND STRUCTURAL CHARACTERISTICS OF VOLCANIC ROCKS IN CORE HOLE USW G-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA BY RICHARD W. SPENGLER AND M.P. CHORNACK WITH A SECTION ON GEOPHYSICAL LOGS BY D.C. MULLER AND J.E. KIBLER	01/01/81-02/17/84	INTERPRETATION OF STUDIES OF CORE INCLUDING DESCRIPTION OF LITHOLOGIC, STRATIGRAPHIC AND STRUCTURAL FEATURES, X-RAY ANALYSES, MINERALOGIC AND ROCK QUALITY STUDIES, DEGREE OF ALTERATION AND MEGASCOPIC DESCRIPTION. INTERPRETATION OF ORIENTED CORE AND DOWNHOLE TELEVISION CAMERA OBSERVATIONS TO OBTAIN DATA ON THE ORIENTATION OF FOLIATION, BEDDING PLANES, AND FRACTURES. INTERPRETATION OF GEOPHYSICAL LOGS.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER			
*GS920908314211.004	PRELIMINARY REPORT ON THE GEOLOGY AND GEOPHYSICS OF DRILL HOLE UE25A-1, YUCCA MOUNTAIN, NEVADA TEST SITE BY RICHARD W. SPENGLER, D.C. MULLER, AND R.B. LIVERMORE	07/01/78-05/04/79	EXAMINATION OF CORE. CORRELATION OF LITHOLOGY, STRUCTURAL PROPERTIES, AND GEOPHYSICAL LOGS.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER			

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.1.2				
**GS900908314212.001	INTERPRETED RESISTIVITY AND IP SECTION LINE W1 WAHMONIE AREA, NEVADA TEST SITE, NEVADA. THIS REPORT, BY CHRISTIAN SMITH, HOWARD P. ROSS & RONALD EDQUIST, DISCUSSES WORK DONE AT THE PROPOSED WAHMONIE SITE AND PROVIDES THE PRINCIPAL GEOPHYSICAL BASIS ON WHICH AN ASSESSMENT OF POTENTIAL MINERALIZATION WAS MADE.  ACQN/DEVL LOCATION : USGS	10/01/79-10/31/79	USGS STANDARD METHODS.	D N C
**GS900908314212.003	PRELIMINARY GRAVITY INVESTIGATIONS OF THE WAHMONIE SITE, NEVADA TEST SITE, NYE COUNTY, NEVADA, BY D.A. PONCE.  ACQN/DEVL LOCATION : USGS WAHMONIE SITE	01/01/79-12/31/80	USGS STANDARD METHODS	D N P
**GS900908314212.004	PRELIMINARY APPRAISAL OF GRAVITY AND MAGNETIC DATA AT SYNCLINE RIDGE, WESTERN YUCCA FLATS, NTS, NYE COUNTY, NEVADA, BY D.A. PONCE AND W. HANNA - PART OF AN INVESTIGATION OF ARGILLITE ROCKS OF THE ELEANA FORMATION  ACQN/DEVL LOCATION : SYNCLINE RIDGE, WESTERN YUCCA FLAT, NTS USGS	01/01/79-12/31/81	GRAVITY AND MAGNETIC STUDY (USGS STANDARD METHODS)	D N P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS900908314212.006	<p>GEOLOGICAL AND GEOPHYSICAL EVIDENCE OF STRUCTURES IN NORTHWEST-TRENDING WASHES, YUCCA MOUNTAIN, SOUTHERN NEVADA, AND THEIR POSSIBLE SIGNIFICANCE TO A NUCLEAR WASTE REPOSITORY IN THE UNSATURATED ZONE, BY R.B. SCOTT III, BATH, FLANIGAN, HOOVER, ROSENBAUM, AND SPENGLER</p> <p>ACQN/DEVL LOCATION : DRILL HOLE WASH PAGANY WASH SEVER WASH TEACUP WASH USGS YUCCA WASH</p>	01/01/84-12/31/84	USGS STANDARD METHODS.	D N P
GS900908314212.008	<p>INTERPRETATION OF TIME-DOMAIN ELECTROMAGNETIC SOUNDINGS IN THE CALICO HILLS AREA, NEVADA TEST SITE, NEVADA, BY JAMES KAUAHIKAU.</p> <p>ACQN/DEVL LOCATION : USGS</p>	10/08/78-10/08/78	USGS STANDARD METHODS.	D N P
GS900908314212.009	<p>MAGNETOMETRIC RESISTIVITY SURVEY NEAR FORTY-MILE WASH, NEVADA TEST SITE, NEVADA, BY D.V. FITTERMAN. THIS REPORT DESCRIBES THE RESULTS OF THE SURVEY.</p> <p>ACQN/DEVL LOCATION : FORTY-MILE WASH, NTS USGS</p>	06/01/80-06/30/80	USGS STANDARD TEST METHODS.	D N P

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900908314212.010	REMOTE-REFERENCE MAGNETOTELLURIC SURVEY, NEVADA TEST SITE AND VICINITY, NEVADA AND CALIFORNIA, BY ROBERT B. FURGERSON.	01/01/81-12/31/81	MAGNETOTELLURIC SURVEY.	D N P
	ACQN/DEVL LOCATION : STATION 11 STATION 12 STATION 13 STATION 14 STATION 16 STATION 17 STATION 18 STATION 19 STATION 20 STATION 21 STATION 22 STATION 23 STATION 24 STATION 25 STATION 26 STATION 27 USGS			
GS900908314212.011	ELECTRICAL STUDIES AT THE PROPOSED WAHMONIE AND CALICO HILLS NUCLEAR WASTE SITES, NEVADA TEST SITE, NYE COUNTY, NEVADA, BY D.B. HOOVER, M.P. CHORNACK & M.M. BROKER. CHARACTERIZATION OF THE GEOELECTRICAL SECTION.	01/01/78-12/31/78	USGS STANDARD METHODS. SUMMARIZING RESULTS OF SCHLUMBERGER VES, INDUCED POLARIZATION DIPOLE-DIPOLE TRAVERSES AND MAGNETOTELLURIC SOUNDINGS MADE IN THE VICINITY OF THE SITES.	D N P
	ACQN/DEVL LOCATION : USGS WAHMONIE AND CALICO HILLS SITES, NTS			



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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900908314212.012	MAGNETIC PROPERTIES OF DRILL CORE AND SURFACE SAMPLES FROM THE CALICO HILLS AREA, NYE COUNTY, NEVADA, BY M.J. BALDWIN & C.E. JOHNSON.  ACQN/DEVL LOCATION : CALICO HILLS SITE, NTS USGS	01/01/78-12/31/78	USGS STANDARD METHODS.	D N P
GS900908314212.013	INTERPRETATIONS OF MAGNETIC ANOMALIES AT A POTENTIAL REPOSITORY SITE LOCATED IN THE YUCCA MOUNTAIN AREA, NEVADA TEST SITE, BY G.D. BATH & C.E. JAHREN.  ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN , NTS	01/01/78-12/31/82	USGS STANDARD METHODS.	D N P
GS900908314212.014	E-FIELD RATIO TELLURIC TRAVERSES NEAR FORTY-MILE WASH, NEVADA TEST SITE, NEVADA, BY D.B. HOOVER, M.P. CHORNACK, AND M.M. BROKER.  ACQN/DEVL LOCATION : FORTY-MILE WASH, NTS USGS	01/01/82-12/31/82	E-FIELD RATIO TELLURIC, AN ELECTRIC EXPLORATION TECHNIQUE.	D N P
GS900908314212.015	A RESISTIVITY SOUNDING INVESTIGATION BY THE SCHLUMBERGER METHOD IN THE SYNCLINE RIDGE AREA OF THE NTS, BY L.A. ANDERSON, J.J. BISDORF, AND D.R. SCHOENTHALER. THE INTENT OF THE SURVEY WAS TO DETERMINE THE HORIZONTAL CONTINUITY AND THICKNESS OF UNIT J OF THE ELEANA FORMATION.  ACQN/DEVL LOCATION : USGS	01/01/72-12/31/75	INTERPRETATION OF SCHLUMBERGER RESISTIVITY SURVEY. USGS STANDARD METHODS.	D N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900908314212.016	INTERPRETATION OF RESISTIVITY AND INDUCED POLARIZATION PROFILES WITH SEVERE TOPOGRAPHIC EFFECTS, YUCCA MOUNTAIN AREA, NEVADA TEST SITE, NEVADA, BY CHRISTIAN SMITH & H.P. ROSS.  ACQN/DEVL LOCATION : USGS	01/01/65-12/31/79	USGS STANDARD TEST METHODS.	D N P
GS920508314212.001	GRAVITY DATA . THIS FIELD DATA SET CONSISTS OF THE OBSERVED GRAVITY VALUES, TERRAIN CORRECTIONS, ELEVATION CONTROLS, CALIBRATION DATA, LOCATION DATA AND DATA RELATED TO SEISMIC REFLECTION TESTING.  ACQN/DEVL LOCATION : 36 37'05"N 115 52'05"W ;37 22'05"N 116 37'05"W	02/14/78-03/19/86	GRAVITY DATA WAS COLLECTED USING LACOSTE AND ROMBERG METERS D-26, G161, G177, AND G614. GRAVITY STATIONS WERE TIED TO BASE STATIONS IN MERCURY OR BEATTY, NV. OR STATIONS IN THE SYNCLINE RIDGE AREA. STATION ELEVATIONS WERE CONTROLLED BY BENCHMARKS, POINTS SURVEYED WITH A HEWLETT-PACKARD ELECTRONIC DISTANCE MEASURING DEVICE, OR PHOTOGRAMETRIC SPOT ELEVATIONS. TERRAIN CORRECTIONS CONSIST OF THE INNERMOST (FIELD), THE INNER-ZONE (MANUAL), AND THE OUTER-ZONE TERRAIN CORRECTIONS.	A N P
GS920508314212.002	MAGNETIC DATA (GROUND) GATHERED ALONG SIX PROFILES (LINES PA, PB, PD, PE, PF, AND PL) ACROSS FORTY MILE WASH, NEVADA TEST SITE, NEVADA.  ACQN/DEVL LOCATION : 36 37'30"N 116 15'00"W ;37 00'00"N 116 30'00"W	01/16/81-04/08/82	DATA WAS COLLECTED WITH THE SENSOR AT 2.4M (8FT.) ABOVE THE SURFACE. A GEOMETRICS PORTABLE PROTON PRECESSION MAGNETOMETER MODEL G-816 AND BASE STATION MAGNETOMETER G-826A WERE USED. A BASE STATION WAS REQUIRED TO MAKE CORRECTIONS FOR DIURNAL TIME VARIATIONS OF THE EARTH'S MAGNETIC FIELD. THE BASE STATION WAS LOCATED NEAR WELL J-13 AND READINGS WERE TAKEN AT TWO MINUTE INTERVALS OR LESS. MAGNETIC OBSERVATIONS ARE ACCURATE TO ABOUT 1 NT.	A N P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920508314212.003	DENSITY DATA FROM SAMPLES COLLECTED AROUND THE FORTY MILE WASH AND WAHMONIE FLATS AREA OF THE NEVADA TEST SITE, NEVADA.	03/19/80-11/02/82	DENSITIES WERE DETERMINED BY WEIGHING THE SAMPLE IN AIR, THEN WEIGHING THE SAMPLES SUBMERGED IN WATER USING AN ELECTRONIC BALANCE EQUIPPED WITH A STIRRUP AND SUSPENDING THE SAMPLE BY A WIRE. GRAIN DENSITY WAS CALCULATED FROM THE DIFFERENCE OF THE TWO WEIGHINGS, USING ARCHIMEDES' PRINCIPLE.	A N P
	ACQN/DEVL LOCATION : FORTY MILE WASH WAHMONIE FLATS			
GS920508314212.004	FORTY MILE WASH GRAVITY AND MAGNETIC DATA AND DENSITY DATA, NEVADA TEST SITE, NEVADA.	01/01/58-05/29/87	THIS IS A SELECTION OF GRAVITY, MAGNETIC, AND DENSITY DATA FROM THE FORTY MILE WASH AREA OF THE NEVADA TEST SITE. THIS SUBSET OF DATA WAS EXTRACTED FROM DATA PREVIOUSLY DOCUMENTED ON ACQUIRED AND DEVELOPED DATA TDIFS.	D N P
	ACQN/DEVL LOCATION : USGS			
GS920508314212.005	OFR 89-682AB, PRINCIPAL FACTS FOR ABOUT 16,000 GRAVITY STATIONS IN THE NEVADA TEST SITE AND VICINITY. TABLES INCLUDE: STATION NAME, LATITUDE, LONGITUDE, ELEVATION, OBSERVED GRAVITY, FREE-AIR ANOMALY, INNER ZONE TERRAIN CORRECTION, COMPLETE BOUGUER ANOMALY, ISOSTATIC RESIDUAL ANOMALY, AND THE DATA THE STATION WAS OCCUPIED. AUTHORS ARE R. HARRIS, D. PONCE, D. HEALY, AND H. OLIVER	01/01/58-05/29/87	ALL GRAVITY DATA WERE REDUCED USING STANDARD GRAVITY CORRECTIONS, INCLUDING: EARTH-TIDE CORRECTION; INSTRUMENT DRIFT CORRECTION; LATITUDE CORRECTION; FREE-AIR CORRECTION; BOUGUER CORRECTION; CURVATURE CORRECTION; TERRAIN CORRECTION; AND ISOSTATIC CORRECTION. FURTHER INFORMATION ON THE GRAVITY DATA REDUCTION METHODS CAN BE FOUND ON PG. 5 OF OFR 89-682-A.	D N P
	ACQN/DEVL LOCATION : 36 35'05"N 115 52'05"W ; 37 22'05"N 116 37'05"W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920508314212.006	GRAVITY AND MAGNETIC DATA OF FORTY MILE WASH, NEVADA TEST SITE, NEVADA.	10/01/81-05/26/92	THE INTERPRETATIONS CONTAINED IN THE PUBLICATION WERE BASED ON THE AUTHOR'S COMBINED EDUCATION AND WORK EXPERIENCE.	D N P
ACQN/DEVL LOCATION : USGS				
GS920608314212.006	USGS OFR 89-446, PRELIMINARY AEROMAGNETIC MAP OF THE NEVADA TEST SITE AND VICINITY, NEVADA. THIS IS A MERGED AEROMAGNETIC MAP OF THE NTS AND VICINITY PREPARED FROM EIGHT SEPARATE AEROMAGNETIC SURVEYS.	01/01/60-12/31/80	THE EIGHT AEROMAGNETIC SURVEY DATA SETS WERE COMPILED AND MERGED BY KUCKS AND HILDEBRAND (1987) AS PART OF A STATEWIDE AEROMAGNETIC MAP OF NEVADA (HILDEBRAND AND KUCKS, 1988). DURING PROCESSING EACH DATA SET WAS GRIDDED AT A 1-KM INTERVAL, AND A GEOMAGNETIC REFERENCE FIELD WAS REMOVED. PRIOR TO MERGING, EACH GRID WAS EITHER UPWARD OR DOWNWARD CONTINUED TO 1000 FT. ABOVE THE GROUND AND DATUM SHIFTS WERE APPLIED, WHERE NECESSARY, TO ACHIEVE AN OVERALL CONSTANT DATUM.	A N P
ACQN/DEVL LOCATION : 36 37'30"N 115 52'30"W ; 37 22'30"N 116 37'30"W				
GS920608314212.008	GROUND MAGNETIC DATA - GATHERED ALONG TRAVERSES SOUTH OF ARMAGOSA VALLEY (FORMALLY LATHROP WELLS), NEVADA. <E-W LATHROP, N-S CRATER FLAT, LATHROP WELLS N-S>	03/15/86-03/19/86	MAGNETIC DATA WERE ACQUIRED UNDER PROCEDURE DESCRIBED IN GPP 11	A N P
ACQN/DEVL LOCATION : 36 30'00"N 116 15'00"W ; 36 40'00"N 116 30'00"W				

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920808314212.009	PRINCIPAL FACTS FOR ABOUT 16,000 GRAVITY STATIONS IN THE NEVADA TEST SITE AND VICINITY: OFR 89-682-A PRINCIPAL FACTS DOCUMENTATION; 89-682-B GRAVITY DATA LISTING ON PAPER, APPENDICES B-G; OFR-89-682-C GRAVITY DATA ON DISKETTES BY R.N. HARRIS, D.A. PONCE, D.L. HEALEY, AND H.W. OLIVER	01/01/86-06/06/87	THIS REPORT DOCUMENTS AND CONSOLIDATES PREVIOUSLY PUBLISHED AND RECENTLY COMPILED GRAVITY DATA FROM FIVE SOURCES LISTED IN THE REPORT. GRAVITY DATA ARE ORGANIZED BY SOURCE. WHERE FEASIBLE, AN ACCURACY CODE HAS BEEN ASSIGNED TO EACH STATION. ALL DATA WERE REDUCED USING STANDARD GRAVITY CORRECTIONS. OBSERVED GRAVITY VALUES WERE OBTAINED FROM GRAVITY METER READINGS USING FACTORY CALIBRATION CONSTANTS FOR WORDEN GRAVITY METERS AND FACTORY CALIBRATION TABLES FOR LACOSTE AND ROMBERG METERS.	D N P
ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, MENLO PARK, CA				
Activity - 8.3.1.4.2.1.3				
GS900908314212.007	A SCHLUMBERGER RESISTIVITY SURVEY OF THE AMARGOSA DESERT, SOUTHERN NEVADA, BY M.R. GREENHAUS AND C.J. ZABLOCKI. GEOELECTRIC SURVEY INTENDED TO DEFINE BASEMENT STRUCTURE AND BASIN-FILL CHARACTERISTICS WHICH MAY OR MAY NOT BE INFLUENCING THE HYDROLOGICAL SYSTEMS OF THE REGION.	01/01/78-12/31/80	SCHLUMBERGER RESISTIVITY SURVEY (136 SOUNDINGS)	D N P
ACQN/DEVL LOCATION : USGS				
GS900908314213.001	BOREHOLE GEOPHYSICAL MEASUREMENTS FOR HOLE UE25A-3, NEVADA TEST SITE, NUCLEAR WASTE ISOLATION PROGRAM, BY J.J. DANIELS AND J.H. SCOTT.	06/02/78-06/08/78	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : UE25A-3 USGS				

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SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900908314213.002	PRELIMINARY INTERPRETATIONS OF GEOLOGIC RESULTS OBTAINED FROM BOREHOLES UE25A-4, -5, 06, AND -7, YUCCA MOUNTAIN, NEVADA TEST SITE, BY R.W. SPENGLER & J.G. ROSENBAUM.  ACQN/DEVL LOCATION : UE25A-4 UE25A-5 UE25A-6 UE25A-7 USGS, DENVER	06/01/79-06/30/79	USGS STANDARD COLLECTION METHODS.	D N C
GS900908314213.003	HOLE-TO-SURFACE MEASUREMENTS FROM DRILL HOLES UE25A-1, -4, -5, AND -6; AND CONTOUR MAPS OF THESE DATA SHOWING DISTRIBUTION OF ELECTRICAL FIELD. REPORT: INTERPRETATION OF HOLE-TO-SURFACE RESISTIVITY MEASUREMENTS AT YUCCA MOUNTAIN, NEVADA TEST SITE, BY J.J. DANIELS & J.H. SCOTT.  ACQN/DEVL LOCATION : USGS	01/01/81-12/31/81	USGS STANDARD TEST METHODS. PROCEDURES FOR GATHERING, REDUCING AND INTERPRETING HOLE-TO-SURFACE RESISTIVITY DATA ARE ILLUSTRATED IN THIS REPORT.	D N C
GS900908314213.005	COMMERCIAL GEOPHYSICAL WELL LOGS FROM THE USW G-1 DRILL HOLE, NEVADA TEST SITE, BY D.C. MULLER & J.E. KIBLER  ACQN/DEVL LOCATION : USGS USW G-1	03/16/80-09/14/80	USGS STANDARD METHODS.	D N C

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900908314213.006	RADIOELEMENT DISTRIBUTION IN DRILL HOLE USW-G1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY BUSH, BUNKER, AND SPENGLER	01/01/80-12/31/80	USGS STANDARD METHODS. RADIO-ELEMENTS CONTENTS OF CORE SAMPLES MEASURED TO CHARACTERIZE GEOLOGIC UNITS PENTRATED BY THE HOLE. (SOME SAMPLES WERE COLLECTED TO DETERMINE EFFECTS OF WELDING & ALTERATION.)	D N P
	ACQN/DEVL LOCATION : USGS USW G-1			
GS900908314213.007	BOREHOLE GRAVITY METER SURVEYS IN DRILL HOLES USW G-3, UE-25P#1 AND UE-25C#1, YUCCA MOUNTAIN AREA, NEVADA, BY D.L. HEALEY, F.G. CLUTSON, & D.A. GLOVER	11/01/83-11/30/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : UE-25C-1 UE-25P-1 USGS USW G-3			
GS900908314213.008	BOREHOLE GRAVITY METER SURVEY IN DRILL HOLE USW G-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY D.L. HEALEY, F.G. CLUTSON, & D.A. GLOVER.	04/04/85-04/05/85	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS USW G-4			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS911008314213.009	ROCK PROPERTY MEASUREMENTS MADE ON CORE SAMPLES FROM YUCCA MOUNTAIN BOREHOLES, NEVADA TEST SITE. PART 1 - BOREHOLES UE25A-4, -5, -6, AND -7. PART 2 - BOREHOLE UE25P#1.  ACQN/DEVL LOCATION : UE25A-4 UE25A-5 UE25A-6 UE25A-7 UE25P#1	02/01/82-06/30/84	USGS STANDARD COLLECTION METHODS	A N C
GS911008314213.010	PERMEABILITY AND RELATED ROCK PROPERTIES OF CORE SAMPLES OBTAINED FROM THE YUCCA MOUNTAIN USW GU-3/G-3 AND USW G-4 BOREHOLES, NEVADA TEST SITE, NV.  ACQN/DEVL LOCATION : USW G-3 USW G-4 USW GU-3	01/01/84-03/31/86	USGS STANDARD COLLECTION METHODS	A N P
GS920108314213.001	GEOPHYSICAL LOGS AND CORE MEASUREMENTS FROM FORTY BOREHOLES AT YUCCA MOUNTAIN.  ACQN/DEVL LOCATION : J-13 UE-25A #1 UE-25A #6 UE-25A #7 UE-25B #1 UE-25C #1 UE-25C #2 UE-25C #3 UE-25P #1 UE-25WT #12 UE-25WT #13 UE-25WT #14 UE-25WT #15 UE-25WT #16 UE-25WT #17 UE-25WT #18 UE-25WT #3	01/01/78-12/31/84	USGS STANDARD COLLECTION METHODS	A N C



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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
	UE-25WT #4		
	UE-25WT #6		
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	USW G-2		
	USW G-4		
	USW GU-3		
	USW H-1		
	USW H-3		
	USW H-4		
	USW H-5		
	USW H-6		
	USW UZ-1		
	USW UZ-6		
	USW VH-1		
	USW VH-2		
	USW WT-1		
	USW WT-10		
	USW WT-11		
	USW WT-2		
	USW WT-7		
GS920608314213.002	PHYSICAL PROPERTIES OF ASH FLOW TUFF FROM YUCCA MOUNTAIN, NEVADA, PUBLISHED REPORT BY PHILIP H. NELSON AND LENNART A. ANDERSON	03/01/91-02/10/92	AUTHORS CONFINED ATTENTION TO ELECTRICAL RESISTIVITY, SONIC VELOCITY, DENSITY, POROSITY, & PERMEABILITY, RELATING THEM TO MINERALOGICAL AND GEOLOGICAL DETERMINATIONS MADE BY OTHERS. AUTHORS RELY ON PETROPHYSICAL MODELS DEVELOPED FOR CLASTIC ROCKS TO BETTER UNDERSTAND HOW VARIATIONS IN POROSITY AND MINERALOGY ARE REFLECTED IN THE PHYSICAL PROPERTIES.

ACQN/DEVL LOCATION : USGS

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.1.4				
GS900908314215.008	PRELIMINARY INTERPRETATION OF PALEOMAGNETIC AND MAGNETIC PROPERTY DATA FROM DRILL HOLES USW G-1, G-2, GU-3, AND VH-1 AND SURFACE LOCALITIES IN THE VICINITY OF YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY J.G. ROSENBAUM & D.B. SNYDER.	01/01/80-12/31/83	USGS STANDARD METHODS.	D N P
	ACQN/DEVL LOCATION : USGS USW G-1 USW G-2 USW GU-3 USW VH-1 YUCCA MOUNTAIN VICINITY			
Activity - 8.3.1.4.2.1.5				
GS900908314215.008	PRELIMINARY INTERPRETATION OF PALEOMAGNETIC AND MAGNETIC PROPERTY DATA FROM DRILL HOLES USW G-1, G-2, GU-3, AND VH-1 AND SURFACE LOCALITIES IN THE VICINITY OF YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY J.G. ROSENBAUM & D.B. SNYDER.	01/01/80-12/31/83	USGS STANDARD METHODS.	D N P
	ACQN/DEVL LOCATION : USGS USW G-1 USW G-2 USW GU-3 USW VH-1 YUCCA MOUNTAIN VICINITY			

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900908314215.009	GEOLOGY OF SYNCLINE RIDGE AREA RELATED TO NUCLEAR WASTE DISPOSAL, NEVADA TEST SITE, NYE COUNTY, NEVADA, BY D.L. HOOVER & J.N. MORRISON. INVESTIGATION OF ARGILLITE IN UNIT J (MISSISSIPPIAN) OF THE ELEANA FORMATION (DEVONIAN AND MISSISSIPPIAN) AS A POSSIBLE REPOSITORY SITE.  ACQN/DEVL LOCATION : USGS	01/01/76-12/31/78	USGS STANDARD METHODS. DRILL HOLES, GEOPHYSICAL SURVEYS, MAPPING AND LABORATORY STUDIES WERE USED IN THIS INVESTIGATION.	D N P
GS911108314215.009	MEASUREMENTS OF REMNANT MAGNETIZATION, RAW DATA.  ACQN/DEVL LOCATION : 36 57'N 116 20'W	01/01/79-01/01/89	USGS STANDARD COLLECTION METHODS.	A N C
*GS920908314215.001	PRELIMINARY AEROMAGNETIC MAP OF THE NEVADA TEST SITE AND VICINITY, NEVADA BY K.S. KIRCHOFF-STEIN, D.A. PONCE, AND B.A. CHUCHEL  ACQN/DEVL LOCATION : USGS, MENLO PARK	01/01/88-05/09/89	COMPILATION AND MERGING OF DATA SETS FROM EIGHT SEPARATE AEROMAGNETIC SURVEYS AS NOTED IN DISCUSSION TEXT OF MAP.	D N P

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SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.2				
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS				
Activity - 8.3.1.4.2.2.1				
**GS900908314221.005	PHOTOGEOLOGIC STUDY OF SMALL-SCALE LINEAR FEATURES NEAR A POTENTIAL NUCLEAR-WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA, BY C.K. THROCKMORTON	01/01/85-12/31/85	USGS STANDARD METHODS. LINEAR FEATURES WERE MAPPED FROM AERIAL PHOTOGRAPHS BY MEANS OF A KERN PG 2 STEREOPLOTTER. FRACTURE-TRACE BEARINGS AND FRACTURE-TRACE LENGTHS OF CERTAIN AREAS WERE RECORDED ON FIELD TRIPS.	D N P
ACQN/DEVL LOCATION : NORTHERN HALF OF YUCCA MOUNTAIN, NTS USGS				
*GS920608314221.001	STRUCTURAL ATTITUDES AND FIELD OBSERVATIONS, UPPER PAINTBRUSH CANYON, MAY 21-22 & JUNE 18, 1992	05/21/92-06/18/92	NWM -USGS GP-01,R2 GEOLOGIC MAPPING	A Y P
ACQN/DEVL LOCATION : 36 52'55"N 116 22'24"W				

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920708314221.001	FIELD OBSERVATIONS OF FRACTURES AND FIELD MEASUREMENTS OF ATTRIBUTES OF FRACTURES	01/13/92-07/17/92	GP-01, GEOLOGIC MAPPING; AND GP-12, MAPPING FRACTURES OR PAVEMENTS, OUTCROPS& ALONG TRAVERSES.	A N P
ACQN/DEVL LOCATION : N761600(N) E561800(N) ;N761600(N) E562600(N)				
Activity - 8.3.1.4.2.2.2				
**GS900908314222.001	MEASUREMENTS ON 5,000 FRACTURES AT 50 OUTCROP STATIONS IN THE VICINITY OF DRILL HOLE USW G-4: FREQUENCY DISTRIBUTIONS OF ORIENTATION AND ROUGHNESS, PLOTTED AND ANALYSED. REPORT BY C.C. BARTON AND W.R. PAGE	01/01/82-12/31/83	USGS STANDARD METHODS, PLOTTING AND ANALYSIS.	D N P
ACQN/DEVL LOCATION : USGS VICINITY USW G-4, NTS				
GS910908314222.001	PAVEMENT 600 DATA CONSISTING OF THE FOLLOWING ITEMS: DRY MOUNTED, ENLARGED PHOTO OF PAVEMENT 600, ORIGINAL PAVEMENT MAP, DRAFTED MAP WITH FRACTURE LABELED, AND FIELD DATA SHEETS WITH FRACTURE DATA.	02/20/86-02/28/86	DATA COLLECTED UNDER NWM-USGS-GP-12, R0.	A N P
ACQN/DEVL LOCATION : 36 52'03"N 116 27'22W				
GS910908314222.002	FRACTURE DATA FROM 41 UNCLEARED OUTCROPS STUDIED AT YUCCA MOUNTAIN AND FRAN RIDGE, INCLUDING 2 9X9 AERIAL PHOTOGRAPHS WITH PLOTTED STATION LOCALITIES; 2 GEOLOGIC MAPS (TOPOPAH SPRINGS NW AND SW) WITH PLOTTED LOCALITIES; COPY OF FIELD NOTES; COMPUTER PRINTOUT OF FORMATTED FIELD NOTES AND INTERPRETATIVE SUMMARIES FOR EACH STATION; LIST OF MEDIAN ORIENTATIONS AND CORRELATION OF SETS; LIST OF MEDIAN ORIENTATIONS OF TECTONIC JOINT SETS.	04/01/90-06/30/91	NWM-USGS-GP-12, R1 AND STUDY PLAN 8.3.1.4.2.2	A Y P

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# SITE CHARACTERIZATION PLAN BASELINE

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ACQN/DEVL LOCATION :	36 48'14"N 116 24'52"W		
	36 48'19"N 116 24'45"W		
	36 48'21"N 116 24'45"W		
	36 48'53"N 116 24'45"W		
	36 48'53"N 116 24'51"W		
	36 48'59"N 116 24'48"W		
	36 49'23"N 116 24'49"W		
	36 49'27"N 116 24'43"W		
	36 49'36"N 116 25'23"W		
	36 49'39"N 116 24'47"W		
	36 49'41"N 116 24'45"W		
	36 50'00"N 116 27'10"W		
	36 50'01"N 116 27'18"W		
	36 50'01"N 116 28'08"W		
	36 50'15"N 116 24'51"W		
	36 50'17"N 116 26'35"W		
	36 50'22"N 116 26'55"W		
	36 50'24"N 116 27'13"W		
	36 50'27"N 116 24'21"W		
	36 50'33"N 116 24'24"W		
	36 50'35"N 116 26'53"W		
	36 50'58"N 116 27'08"W		
	36 51'00"N 116 26'47"W		
	36 51'23"N 116 26'38"W		
	36 51'25"N 116 27'56"W		
	36 51'36"N 116 27'17"W		
	36 51'50"N 116 26'36"W		
	36 52'05"N 116 27'24"W		
	36 52'07"N 116 24'19"W		
	36 52'07"N 116 27'38"W		
	36 52'24"N 116 27'23"W		
	36 52'26"N 116 26'03"W		
	36 52'30"N 116 26'22"W		
	36 52'32"N 116 26'21"W		
	36 52'33"N 116 26'24"W		
	36 52'35"N 116 26'24"W		
	36 52'36"N 116 27'14"W		
	36 52'38"N 116 26'26"W		
	36 52'38"N 116 27'15"W		
	36 53'02"N 116 27'37"W		
	36 53'54"N 116 27'05"W		

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910908314222.003	DATA FROM 6 PAVEMENTS (PAVEMENTS 100, 200, 300, 400, 500, AND 1000) AND DATA FROM WASH-OUT STRIP.  ACQN/DEVL LOCATION : 36 52'03"N 116 27'22"W	02/20/86-02/28/86	NWM-USGS-GP-12, R0	A N P
Activity - 8.3.1.4.2.2.3				
GS900908314223.001	THE STUDY WAS UNDERTAKEN TO DETERMINE THE FACTORS RESPONSIBLE FOR THE VARIATIONS IN MAGNETIC SUSCEPTIBILITY MEASUREMENTS FROM BOREHOLE UE25-5 ON THE NEVADA TEST SITE.  ACQN/DEVL LOCATION : USGS	01/01/80-12/31/80	USGS STANDARD TEST METHOD.	D N C
GS900908314223.002	AN EXPLORATORY HOLE (UE25A-1) WAS DRILLED AT NTS TO DETERMINE THE SUITABILITY OF PYROCLASTIC DEPOSITS AS STORAGE SITES FOR RADIOACTIVE WASTES. THIS REPORT DEALS WITH THE INTERPRETATION OF PHYSICAL PROPERTIES FOR THE TUFF UNITS FROM GEOPHYSICAL WELL-LOG MEASUREMENTS.  ACQN/DEVL LOCATION : USGS	01/01/80-12/31/80	COMPUTER PROGRAM DEVELOPED FOR COMPARISON OF MEASUREMENTS.	D N C
GS900908314223.003	INTERPRETATION OF GEOPHYSICAL WELL-LOG MEASUREMENTS IN DRILL HOLES UE25A-4, -5, -6, -7, YUCCA MOUNTAIN, NEVADA TEST SITE.  ACQN/DEVL LOCATION : USGS	06/01/79-06/30/79	USGS STANDARD METHODS.	D N C

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900908314223.004	ANALYSIS OF THE MAGNETIC SUSCEPTABILITY WELL LOG IN DRILL HOLE UE25A-5, NTS.  ACQN/DEVL LOCATION : USGS	06/01/78-06/30/78	USGS STANDARD COLLECTION METHODS.	D N C
GS910908314223.006	FRACTURE CORE DATA FROM USW G-4 DRILLHOLE.  ACQN/DEVL LOCATION : USW G-4	03/01/84-05/31/86	USGS STANDARD COLLECTION METHODS	A N P
GS911108314223.005	EVALUATION AND COMPARISON BY STRATIGRAPHIC UNITS OF BOREHOLE FRACTURE ORIENTATIONS IN 14 WATER TABLE HOLES IN THE YUCCA MOUNTAIN AREA USING TELEVISION CAMERA DATA.  ACQN/DEVL LOCATION : UE25 WT-1 UE25 WT-10 UE25 WT-11 UE25 WT-12 UE25 WT-14 UE25 WT-15 UE25 WT-16 UE25 WT-17 UE25 WT-18 UE25 WT-2 UE25 WT-4 UE25 WT-6 UE25 WT-7 UW25 WT-3	01/01/83-12/31/84	METHOD USED WAS LATER WRITTEN INTO NWM-USGS-GP-10. STATISTICAL METHOD FROM "STATISTICS OF DIRECTIONAL DATA" NEW YORK, ACADEMIC PRESS, 1972.	A N P



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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.2.5				
GS900908314225.001	GEOPHYSICAL STUDIES OF THE SYNCLINE RIDGE AREA NEVADA TEST SITE, NYE COUNTY, NEVADA. THIS STUDY EMPLOYED GRAVITY, MAGNETIC SEISMIC REFRACTION AND REFLECTION, AND FOUR DISTINCT ELECTRICAL METHODS TO TRY AND DEFINE THE STRUCTURAL INTEGRITY AND SHAPE OF THE PROPOSED REPOSITORY MEDIUM.	01/01/77-12/31/78	USGS STANDARD COLLECTION METHODS.	D N P
ACQN/DEVL LOCATION : SYNCLINE RIDGE, NTS				
*GS920908314225.001	FEASIBILITY STUDY OF THE SEISMIC REFLECTION METHOD IN THE AMARGOSA DESERT, NYE COUNTY, NEVADA, BY THOMAS M. BROCHER, PATRICK E. HART, AND STEVEN F. CARLE	01/01/87-10/17/88	THIS REPORT PRESENTS A DETAILED DESCRIPTION OF THE METHOD BY WHICH EXPLOSIVE AND VIBROSEIS METHODS FOR ACQUIRING DEEP CRUSTAL SEISMIC REFLECTION PROFILES IN NYE COUNTY, NEVADA WERE TESTED AND COMPARED. FIELD TRIALS WERE CONDUCTED AT TWO SITES. A 60-FOLD VIBROSEIS PROFILE WAS ACQUIRED, THEN A COINCIDENT SINGLE-FOLD EXPLOSIVE SOURCE REFLECTION PROFILE WAS GENERATED ALONG THE VIBROSEIS PROFILE LINE.	D N P
ACQN/DEVL LOCATION : USGS, MENLO PARK				

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Activity - 8.3.1.4.2.3.1				
GS900908314231.001	THREE-DIMENSIONAL MODELING OF THE NEVADA TEST SITE AND VICINITY FROM TELESEISMIC P-WAVE RESIDUALS. A TELESEISMIC P-WAVE TRAVEL-TIME RESIDUAL STUDY IS DESCRIBED WHICH REVEALS THE REGIONAL COMPRESSIONAL-VELOCITY STRUCTURE OF SOUTHERN NEVADA AND NEIGHBORING PARTS OF CALIFORNIA TO A DEPTH OF 280 KM.	01/01/80-12/31/80	USGS STANDARD TEST METHODS.	D N C
	ACQN/DEVL LOCATION : USGS			
Activity - 8.3.1.5.1.1.1				
GS900908315111.001	PRELIMINARY ASSESSMENT OF CLIMATIC CHANGE DURING LATE WISCONSIN TIME, SOUTHERN GREAT BASIN AND VICINITY, ARIZONA , CALIFORNIA AND NEVADA.	01/01/78-12/31/78	SOUTHERN GREAT BASIN SEISMIC NETWORK.	D N C
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
Activity - 8.3.1.5.1.3.1				
GS900908315131.001	URANIUM-SERIES DATING OF SECONDARY CARBONATE AND SILICA PRECIPITATES RELATING TO FAULT MOVEMENTS IN THE NEVADA TEST SITE REGION OF THE CALICHE AND TRAVERTINE SAMPLES FROM THE AMARGOSA DESERT.	01/01/84-12/31/84	USGS STANDARD COLLECTION METHODS.	D N T
	ACQN/DEVL LOCATION : CRATER FLAT, YUCCA FLATS AND YUCCA MOUNTAIN, NTS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.5.1.3.3				
GS900908315133.002	CLIMATIC CHANGES INFERRED FROM ANALYSES OF LAKE-SEDIMENT CORES, WALKER LAKE, NEVADA.	07/01/84-07/31/84	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : WALKER LAKE, NTS			
Activity - 8.3.1.5.1.4.1				
GS910908315141.006	FIELD SHEETS DESCRIBING LOCATION OF DUST TRAPS AND CONDITION OF SAMPLE WHEN COLLECTED; 1984-1989. (COLLECTION IN 1985-1989) AND GENERAL LOCATION MAP.	01/01/84-12/31/89	DUST SAMPLES ACCUMULATED OVER ABOUT ONE YEAR IN PANS WITH MARBLES PLACED ON POSTS ABOUT 2M ABOVE THE GROUND. 60 DUST TRAPS WERE INSTALLED IN 1984 AND 1985. SAMPLES WERE COLLECTED ANNUALLY FROM 1985-1989 BY RINSING AND WASHING THE PAN AND MARBLES WITH DISTILLED WATER.	A Y P
	ACQN/DEVL LOCATION : 32 42'N 117 38'W ; 38 10'N 114 00'W			
GS910908315141.007	ANALYTICAL DATA ON GRAIN SIZE AND CHEMICAL COMPOSITION OF DUST SAMPLES, SUMMARY OF FIELD CONDITIONS FOR EACH SAMPLE AND CALCULATIONS OF THE MASS FLUX OF PARTICLES.	01/01/85-12/31/89	USGS STANDARD COLLECTION METHODS.	D Y P
	ACQN/DEVL LOCATION : USGS			
GS910908315141.008	SAMPLE TRACKING LOG: PHOTOCOPY OF NOTEBOOK PAGES SUMMARIZING TRANSMITTALS AND ANALYSES OF SAMPLES OF EOLIAN DUST COLLECTED BETWEEN 1984 AND 1989.	01/01/84-12/31/89	USGS STANDARD COLLECTION METHODS.	A Y P
	ACQN/DEVL LOCATION : USGS LABS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910908315141.009	X-RAY DIFFRACTION TRACES OF CLAY AND SILT FRACTIONS OF DUST SAMPLES.  ACQN/DEVL LOCATION : USGS LABS	01/01/85-12/31/89	USGS STANDARD COLLECTION METHODS.	D Y P
GS911008315141.001	DESCRIPTIONS OF SOIL MICROMORPHOLOGY IN THIN SECTIONS OF SELECTED SOIL HORIZONS AND X-RAY DIFFRACTION ANALYSIS OF CLAY MINERALOGY ON SELECTED SOIL HORIZONS.  ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	01/01/86-12/31/86	VERBAL DESCRIPTION OF MICROMORPHOLOGICAL SOIL PROPERTIES USING A POLARIZING LIGHT MICROSCOPE. CLAY MINERALOGY BY STANDARD TECHNIQUES USING X-RAY DIFFRACTOMETER.	D N P
GS911008315141.002	MAJOR-OXIDE, TRACE ELEMENTS, AND FEO ANALYSES OF SELECTED SOIL SAMPLES.  ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	07/04/86-12/11/86	FEO BY WET CHEMICAL METHODS; TRACE ELEMENTS BY EDXRF; MAJOR-OXIDES BY X-RAY SPECTROSCOPY.	D N P
GS911008315141.003	SOIL DESCRIPTION SHEETS, TRENCH LOCATIONS, AND DESCRIPTIONS OF FIELD SETTINGS; CHANNEL ALLUVIUM SAMPLES AND VOLUMES; DETAILED DESCRIPTIONS OF TRENCH LOCATIONS.  ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	04/22/85-05/03/85	NWM-USGS-GP-07	A N P
GS911008315141.004	LABORATORY CHEMICAL ANALYSES AND CALCULATIONS OF NON-PEDOGENIC-CACO3 CONTENT OF SELECTED SOILS.  ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	03/26/87-10/15/88	USGS-GP-21 FOR SOIL ANALYSES (CHEMICAL). VIDEO CACO3 MEASUREMENTS DONE BY AERIAL MEASUREMENTS ON SLABS AND BY POINT COUNTING THIN SECTIONS. CALCULATIONS FOR NON-CACO3 PEDOGENIC MATERIAL DONE BY HAND CALCULATOR USING DATA ON PERCENT PEDOGENIC MATERIAL, HORIZON THICKNESS AND BULK DENSITY.	A N P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS911008315141.005	COMPUTER CALCULATIONS OF SOIL AGES VS. FIELD PROPERTIES - REGRESSION STATISTICS	03/01/90-03/31/90	LINEAR REGRESSION TECHNIQUES APPLIED TO SOIL FIELD DATA AND SOIL AGES, USING STATPRO PROGRAMS.	A N P
ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W				
Activity - 8.3.1.5.1.4.2				
**GS900908315142.001	CORRELATION CHARACTERISTICS OF SURFICIAL DEPOSITS WITH A DESCRIPTION OF SURFICIAL STATIGRAPHY IN THE NEVADA TEST SITE REGION, BY D.L. HOOVER, WC SWADLEY, AND A.C. GORDON	01/01/81-12/31/81	USGS STANDARD METHODS.	D N P
ACQN/DEVL LOCATION : USGS				
**GS900908315142.002	URANIUM-TREND DATING OF QUATERNARY DEPOSITS IN THE NEVADA TEST SITE AREA, BY ROSHOLT, BUSH, CARR, HOOVER, SWADLEY, AND DOOLEY. ANALYSES OF 36 SAMPLE UNITS ARE INCLUDED IN THIS REPORT.	01/01/84-12/31/84	USGS STANDARD METHODS.	D N P
ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS				

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.5.1.4.3				
GS900908315143.001	PALEOHYDROLOGY OF THE SOUTHERN GREAT BASIN WITH SPECIAL REFERENCE TO WATER TABLE FLUCTUATIONS BENEATH THE NEVADA TEST SITE DURING THE LATE (?) PLEISTOCENE.	01/01/69-12/31/79	INTERPRETATION OF DATA GATHERED DURING THE PREVIOUS TEN (10) YEARS.	D N C
	ACQN/DEVL LOCATION : USGS			
GS900908315143.002	WATER-TABLE DECLINE IN THE SOUTH CENTRAL GREAT BASIN DURING THE QUATERNARY PERIOD. IMPLICATIONS FOR TOXIC-WASTE DISPOSAL.	01/01/82-12/31/82	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
Activity - 8.3.1.5.2.1.1				
GS910908315211.001	SUPPORTING DATA FOR REPORT, "EVIDENCE OF PREHISTORIC FLOODING AND THE POTENTIAL FOR FUTURE FLOODING AT COYOTE WASH, YUCCA MOUNTAIN, NEVADA", BY PATRICK A GLANCY.	08/15/83-12/31/85	TRENCHES WERE DUG BY REECO AT THE DIRECTION OF THE PRINCIPAL INVESTIGATOR. TRENCHES WERE STUDIED IN THE FIELD, PHOTOGRAPHS AND SKETCHES OF TRENCH STRATIGRAPHY WERE PREPARED. SAMPLES WERE COLLECTED FOR PARTICLE-SIZE-DISTRIBUTION FROM SELECT STRATIGRAPHIC UNITS AND WERE SUBSEQUENTLY ANALYZED. ADDITIONAL DATA WERE ACQUIRED BY FIELD PLANE SURVEYING. OTHER DATA WERE OBTAINED FROM TOPOGRAPHIC MAPS. NUMEROUS PHOTOGRAPHS WERE TAKEN OF GENERAL SETTING AND OF THE TRENCHES.	A N P
	ACQN/DEVL LOCATION : 36 51'18"N 116 26'57"W			

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.5.2.1.2				
GS910508315212.004	WATER AND FAUNAL SAMPLE CHARACTERISTICS AND LAB ANALYSES RESULTS FROM WATER SAMPLES AND FLORA AND FAUNA SAMPLES FROM MODERN SPRINGS IN THE AMARGOSA FLOW SYSTEM INCLUDING WATER PROPERTIES.	02/25/91-02/28/91	HP 91 AND HP 199T.	A Y P
	ACQN/DEVL LOCATION : BIG SPRING BOLE SPRING CANE SPRING GRAPEVINE SPRING NAVARES SPRING NAVEL SPRING SCOTTY'S CASTLE SUPPLY SPRING TEXAS SPRING			
Activity - 8.3.1.5.2.1.3				
GS910508315213.001	DATA FROM VARIOUS DRY PLAYAS IN NEVADA AND CALIFORNIA. COLLECTION IN WINTER OF 1991 OF SURFICIAL SAMPLES.	01/01/91-03/01/91	A MUNSELL COLOR CHART WAS USED IN THE COLLECTION, AND PI EXPERIENCE DETERMINED THE SURFACE COLOR AND THE COLOR AT 5 CENTIMETERS. SAMPLES WERE COLLECTED WITH A BED MATERIALS SAMPLER TO A DEPTH OF 5 CENTIMETERS.	A Y P
	ACQN/DEVL LOCATION : IVANPAH LAKE JARNADA LAKES			
GS911108315213.002	READINGS TAKEN USING AN EM-34 GROUND CONDUCTIVITY METER (GEONICS) IN THE FAIRBANKS SPRING AREA, POINT OF ROCKS SPRING, JACKRABBIT SPRING, BURRO CANYON FAULT, ALL IN NEVADA.	02/06/90-04/13/90	NWM-USGS-HP-187, R0	A Y P
	ACQN/DEVL LOCATION : 36 23'24"N 116 16'42"W 36 24'06"N 116 16'18"W 36 25'48"N 116 18'30"W ;36 25'18"N 116 19'15"W 36 29'24"N 116 20'30"W			

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS911108315213.003	<p>READINGS TAKEN USING AN EM-34 GROUND CONDUCTIVITY METER (GEONICS) IN THE FAIRBANKS SPRING AREA, POINT OF ROCKS SPRING, JACKRABBIT SPRING, BURRO CANYON FAULT, ALL IN NEVADA.</p> <p>ACQN/DEVL LOCATION : USGS</p>	02/06/90-04/13/90	NWM-USGS-HP-187, R0	D Y P
GS911108315213.004	<p>LAB ANALYSES RESULTS AND CHARACTERISTICS OF SOIL SAMPLES TAKEN FROM VARIOUS PLAYAS IN CALIFORNIA AND NEVADA.</p> <p>ACQN/DEVL LOCATION :</p> <p>34 30'41"N 116 55'57"W 35 08'02"N 116 16'46"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 04'18"N 116 00'57"W 36 13'29"N 116 10'23"W 36 14'24"N 116 22'31"W 36 27'45"N 116 13'03"W 36 36'37"N 117 07'03"W 37 08'28"N 116 52'09"W 37 10'18"N 117 09'33"W 37 12'40"N 117 05'35"W 37 28'39"N 117 11'09"W 37 30'53"N 116 53'40"W 37 32'15"N 115 13'18"W 37 41'54"N 115 46'15"W 37 51'36"N 117 23'11"W 37 53'45"N 115 19'27"W 37 53'45"N 115 46'15"W 37 53'48"N 117 04'05"W 37 58'52"N 116 01'44"W 38 00'37"N 116 56'24"W 38 03'51"N 117 36'54"W 38 11'10"N 116 22'16"W</p>	10/17/91-10/26/91	USGS GP-17 R1.	A Y P



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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS911208315213.005	LAB ANALYSIS RESULTS AND CHARACTERISTICS OF SURFICIAL SOIL SAMPLES TAKEN FROM WILLCOX DRY PLAYA AND SOUTH ALKALI FLAT, FROM THE TOP TO 5 CM BELOW SURFACE.	11/12/91-11/14/91	USGS-GP-17, R1	A Y P
	ACQN/DEVL LOCATION : 32 09'09"N 109 54'03"W ; 32 16'24"N 108 54'26"W			
GS920108315213.001	WATER AND FAUNAL CHARACTERISTICS AND LAB ANALYSES RESULTS OF SAMPLES OF BENTHIC MICROORGANISMS LARGER THAN 150 MICROMETERS AND WATER SAMPLES TAKEN FROM SPRING SITES IN CALIFORNIA AND NEVADA. SPECIFIC INFORMATION ON THESE SAMPLES ARE ON SAMPLE COLLECTION SHEETS AT THE SMF.	02/25/91-08/03/91	METHODS ASSOCIATED WITH USGS HP-199T, R0, TITLED "COLLECTION OF BENTHIC AQUATIC MICROORGANISMS LARGER THAN 150 MICROMETERS", AND METHODS INCLUDED IN HP-91, R3 "COLLECTION AND FIELD ANALYSIS OF SURFACE WATER SAMPLES". SCIENTIFIC NOTEBOOK - SNP-006 WAS USED FOR THE COLLECTION.	A Y P
	ACQN/DEVL LOCATION : 36 09'40"N 115 29'48"W 36 09'40"N 115 35'52"W 36 10'26"N 115 28'45"W 36 18'25"N 115 29'27"W 36 18'25"N 115 37'58"W 36 21'48"N 116 16'24"W 36 22'27"N 116 16'18"W 36 22'48"N 116 42'54"W 36 27'24"N 116 50'15"W 36 30'39"N 116 49'15"W 36 35'54"N 115 40'12"W 36 48'03"N 116 05'39"W 36 58'26"N 116 43'17"W 36 59'40"N 116 42'25"W 37 01'12"N 117 23'15"W 37 02'06"N 117 19'30"W 37 02'17"N 116 42'43"W 37 04'25"N 116 41'30"W 37 10'20"N 116 05'30"W 37 12'09"N 116 07'52"W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920308315213.002	BAILED WATER SAMPLES COLLECTED FOR STRONTIUM AND URANIUM ISOTOPE ANALYSIS.  ACQN/DEVL LOCATION : UE-25 WT #14 UE-25 WT #15 UE-25 WT #17 UE-25 WT #4 USW H-3 USW VH-2 USW WT-1 USW WT-10 USW WT-7	02/20/91-02/22/91	DATA COLLECTED USING TP GCP-23T, R0.	A Y P
GS920508315213.003	DIGITAL THERMOMETER CALIBRATION DATA FOR KEITHLEY DIGITAL THERMOMETERS  ACQN/DEVL LOCATION : USGS	03/02/88-03/06/92	USGS HP-59, R0 AND ASSOCIATED METHODS DOCUMENTATION DEVELOPED THROUGH YMP QA PROGRAM.	A Y P
*GS920708315213.004	WATER CHEMISTRY DATA - WATER SAMPLES OBTAINED DURING COLLECTION FIELD TRIP OF 3-22-92 TO 3-28-92 FROM THE FOLLOWING SITES: GRAPEVINE SPRINGS, STEWART VALLEY ESTATE, CARSON SLOUGH EAST SPRING, MESQUITE WELL, AMARGOSA DESERT-CARSON SLOUGH EAST FLOWING WELL, AND KING SPRING. RESULTS ARE FROM ANALYSIS BY NWQL.  ACQN/DEVL LOCATION : USGS NWQL	04/14/92-06/15/92	METHODS ASSOCIATED WITH TECHNICAL PROCEDURE HP-23,R2, COLLECTION AND FIELD ANALYSIS OF GROUND-WATER SAMPLES FROM SATURATED ZONE.	A Y P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920808315213.005	ROCK AND SOIL / UNCONSOLIDATED SEDIMENT CHEMICAL DATA RESULTS FROM LAB ANALYSIS (GEOCHEMICAL)  ACQN/DEVL LOCATION : USGS, DENVER	04/14/92-07/09/92	STANDARD GEOCHEMICAL LAB OPERATING PROCEDURES, USGS, GEOLOGIC DIVISION, BRANCH OF GEOCHEMISTRY.	A Y P
Activity - 8.3.1.5.2.1.4				
GS910208315214.001	RAW DATA FROM CHLORIDE LEACHING TEST. THE COLLECTION PERIOD IS FROM 7/30/87 TO 11/90. THE RAW DATA IS IN THE FORM OF LOG BOOKS, STRIP CHARTS, LABORATORY DATA SHEETS.  ACQN/DEVL LOCATION : USGS	07/30/87-11/30/90	PLEASE REFER TO TECHNICAL PROCEDURE HP-183, REVISION 1 FOR DETAILS CONCERNING TEST AND COLLECTION METHODS.	A Y C
**GS910508315214.002	KAWICH WEATHER DATA 1986, 1987, 1988, 1989, 1990.  ACQN/DEVL LOCATION : KAWICH BASE SITE.	01/01/86-12/31/90	WEATHER DATA WAS COLLECTED BY REMOTE SENSORS AND LOGGED ON OR RECORDED ON A DATALOGER.	A N P
**GS910908315214.003	KAWICH SITE WEATHER DATA COLLECTED IN 1986-1990.  ACQN/DEVL LOCATION : USGS	01/01/86-12/31/90	WEATHER DATA WERE COLLECTED BY REMOTE SENSORS AND STORED ON A DATALOGER.	D N P
GS910908315214.004	WEATHER DATA COLLECTED AT THE STEWART CREEK BASE SITE IN 1986, 1987, 1988, 1989, AND 1990. THIS IS RAW DATA.  ACQN/DEVL LOCATION : STEWART CREEK BASE SITE.	01/01/86-01/01/90	WEATHER DATA WERE COLLECTED USING REMOTE SENSORS. DATA WERE RECORDED ON A DATALOGER.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS911108315214.005	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM 1989 TO 1990.  ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W	05/03/89-09/30/90	GAGE HEIGHT FROM A 9" PARSHALL FLUME, DATA WAS RECORDED ON A DIGITAL TAPE RECORDER.	A Y P
GS911108315214.006	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM 1988 TO 1989.  ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W	09/27/88-05/02/89	GAGE HEIGHT FROM A 9" PARSHALL FLUME, DATA WAS RECORDED ON A DIGITAL TAPE RECORDER.	A N P
GS911108315214.007	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM 1986 TO 1989.  ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W	12/02/86-05/02/89	GAGE HEIGHT OF A V-NOTCH WEIR COLLECTED USING A FLOAT AND A TEN-TURN POTENTIOMETER. DATA WAS RECORDED ON A DATALOGGER.	A N P
GS911108315214.008	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM 1989 TO 1990.  ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W	05/03/89-09/30/90	GAGE HEIGHT OF A V-NOTCH WEIR COLLECTED USING A FLOAT AND A TEN-TURN POTENTIOMETER. DATA WAS RECORDED ON A DATALOGGER.	A Y P
GS911108315214.009	CASSETTE TAPES FOR THE STEWART BASIN AND KAWICH BASIN ANALOG RECHARGE SITES FOR THE 1991 WATER YEAR.  ACQN/DEVL LOCATION : KAWICH CREEK BASIN STEWART CREEK BASIN	09/22/90-09/25/90	DATA WAS ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-54,R0; HP-97.R1; HP-168, R0; HP-170, R1; HP-172, R0; AND HP-198, R1.	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS911108315214.010	ADR TAPES FROM 6" AND 9" PARSHALL FLUMES FROM SURFACE WATER SITES AT STEWART CREEK AND KAWICH CREEK FOR THE 1991 WATER YEAR.  ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W ;37 57'05"N 116 27'02"W	09/24/90-09/25/91	DATA WAS ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-54,R0.	A Y P
GS920108315214.001	SCIENTIFIC NOTEBOOK FOR ESTIMATION OF LEAF AREA INDEX IN PLANT CANOPIES FOR STEWART BASIN AND KAWICH BASIN FOR THE PERIOD OF JUNE 1991 TO DECEMBER 1991.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W ;37 57'43"N 116 25'28"W 38 53'01"N 117 21'10"W ;38 53'24"N 117 21'36"W	06/02/91-10/07/91	DATA WAS ACQUIRED USING HP-217T, R0.	A Y P
GS920108315214.002	SCIENTIFIC NOTEBOOK FOR THE MEASUREMENT OF EVAPOTRANSPIRATION USING EDDY CORRELATION METHODS IN STEWART BASIN AND KAWICH BASIN FOR THE PERIOD FROM JUNE 1991 TO DECEMBER 1991.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W ;37 57'43"N 116 25'28"W 38 53'01"N 117 21'10"W ;38 53'24"N 117 21'36"W	06/10/91-10/24/91	DATA WAS ACQUIRED USING HP-215T, R0.	A Y P
GS920108315214.003	SCIENTIFIC NOTEBOOK FOR THE MEASUREMENT OF EVAPOTRANSPIRATION USING BOWEN RATIO METHODS IN STEWART BASIN AND KAWICH BASIN FOR THE PERIOD FROM JUNE 1991 TO DECEMBER 1991.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W ;37 57'43"N 116 25'28"W 38 53'01"N 117 21'10"W ;38 53'24"N 117 21'36"W	06/02/91-10/07/91	DATA WAS ACQUIRED USING HP-214T, R0.	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
GS920108315214.004	SCIENTIFIC NOTEBOOK FOR THE MEASUREMENT OF TRANSPIRATION USING CHAMBER METHODS IN STEWART BASIN AND KAWICH BASIN FOR THE PERIOD FROM JUNE 1991 TO DECEMBER 1991.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W ;37 57'43"N 116 25'28"W 38 53'01"N 117 21'10"W ;38 53'24"N 117 21'36"W	06/06/91-10/07/91	DATA WAS ACQUIRED USING HP-226T, R0.	A Y P
GS920408315214.005	WEATHER DATA FROM KAWICH PEAK INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION AND HUMIDITY.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	09/22/90-09/25/91	THESE DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-97, HP-168, AND HP-170.	A Y P
GS920408315214.006	WEATHER DATA FROM VEG SPRING WEATHER EQUIPMENT IN STEWART BASIN INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION AND HUMIDITY.  ACQN/DEVL LOCATION : 38 53'94"N 117 21'13"W	09/25/90-09/24/91	THESE DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-97, HP-168, AND HP-170 AND HP-198.	A Y P
GS920408315214.007	WEATHER DATA INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED AND WIND DIRECTION FROM STEWART CREEK..  ACQN/DEVL LOCATION : 38 53'18"N 117 21'36"W	09/24/90-09/24/91	THESE DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-97, HP-168, AND HP-170 AND HP-198.	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920408315214.008	WEATHER DATA FROM KAWICH BASE WEATHER SITE, INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED AND WIND DIRECTION.  ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	09/22/90-09/25/91	THESE DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-97, HP-168, AND HP-170 AND HP-198.	A Y P
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 WAS ACQUIRED USING HP-167, R0.	A N P
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 WAS ACQUIRED USING HP-167, R0.	A Y P
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 WAS ACQUIRED USING HP-167, R0.	A Y P
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 WAS ACQUIRED USING HP-167, R0.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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 WAS ACQUIRED USING HP-167, R0.	A Y P
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 WAS ACQUIRED USING HP-167, R0.	A Y P
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 WAS ACQUIRED USING HP-167, R0.	A N P
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 WAS ACQUIRED USING HP-167, R0.	A Y P
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 WAS ACQUIRED USING HP-167, R0.	A Y P



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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920508315214.021	SNOW SURVEY NOTES FOR VEG SPRING FOR THE 1988 WATER YEAR AND THE 1989 WATER YEAR.  ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	04/05/88-02/22/89	DATA WAS ACQUIRED USING HP-165, R0.	A N P
GS920508315214.022	SNOW SURVEY NOTES FOR VEG SPRING FOR THE 1990 WATER YEAR.  ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	01/30/90-04/03/90	DATA WAS ACQUIRED USING HP-165, R0.	A Y P
GS920508315214.023	SNOW SURVEY NOTES FOR VEG SPRING FOR THE 1991 WATER YEAR.  ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	01/29/91-01/29/91	DATA WAS ACQUIRED USING HP-165, R0.	A Y P
GS920508315214.024	SNOW SURVEY NOTES FOR STEWART BASE FOR THE 1988 WATER YEAR AND THE 1989 WATER YEAR.  ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	04/05/88-02/22/89	DATA WAS ACQUIRED USING HP-165, R0.	A N P
GS920508315214.025	SNOW SURVEY NOTES FOR STEWART BASE FOR THE 1990 WATER YEAR.  ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	01/31/90-04/03/90	DATA WAS ACQUIRED USING HP-165, R0.	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F Y P E	Q U A L I T Y P E D
GS920508315214.026	SNOW SURVEY NOTES FOR STEWART BASE FOR THE 1991 WATER YEAR. ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	01/29/91-01/29/91	DATA WAS ACQUIRED USING HP-165, R0.	A	Y P
GS920508315214.027	SNOW SURVEY NOTES FOR KAWICH BASE FOR THE 1989 WATER YEAR. ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	02/23/89-02/23/89	DATA WAS ACQUIRED USING HP-165, R0.	A	N P
GS920508315214.028	SNOW SURVEY NOTES FOR KAWICH BASE FOR THE 1990 WATER YEAR. ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	01/30/90-01/30/90	DATA WAS ACQUIRED USING HP-165, R0.	A	Y P
GS920508315214.029	SNOW SURVEY NOTES FOR KAWICH PEAK FOR THE 1989 WATER YEAR. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	02/23/89-02/23/89	DATA WAS ACQUIRED USING HP-165, R0.	A	N P
GS920508315214.030	SNOW SURVEY NOTES FOR KAWICH PEAK FOR THE 1990 WATER YEAR. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	01/30/90-01/30/90	DATA WAS ACQUIRED USING HP-165, R0.	A	Y P
GS920508315214.031	SNOW SURVEY NOTES FOR KAWICH PEAK FOR THE 1991 WATER YEAR. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	01/30/91-01/30/91	DATA WAS ACQUIRED USING HP-165, R0.	A	Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS929508315214.009	PRECIPITATION DATA FROM KAWICH BASE WEATHER STATION FROM SEPTEMBER 1985 TO MAY 1989.  ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	09/25/85-05/24/89	DATA WAS ACQUIRED USING HP-167, R0	A N P
GS929508315214.010	PRECIPITATION DATA FROM KAWICH BASE WEATHER STATION FROM MAY 1989 TO SEPTEMBER 1990.  ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	05/24/89-09/23/90	DATA WAS ACQUIRED USING HP-167, R0	A Y P
GS929508315214.011	PRECIPITATION DATA FROM KAWICH BASE WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991.  ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	09/23/90-09/25/91	DATA WAS ACQUIRED USING HP-167, R0	A Y P
Activity - 8.3.1.5.2.1.5				
GS900908315215.001	URANIUM THORIUM ISOTOPIC ANALYSES AND URANIUM-SERIES AGES OF CALCITE AND OPAL, AND STABLE ISOTOPIC COMPOSITIONS OF CALCITE FROM DRILL CORES UE25A#1, USW G-2, AND USW G-3/GU-3, YUCCA MOUNTAIN, NEVADA.  ACQN/DEVL LOCATION : UE25A-1 USW G-2 USW G-3 USW GU-3	01/01/83-12/31/83	USGS STANDARD COLLECTION METHODS.	D N T

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910508315215.002	CARBON AND OXYGEN ISOTOPE ANALYSIS OF CAVITY-AND FRACTURE-COATING CALCITE FROM DRILL CORES USW-G1, -G-2, -GU3, -G3, -G4 AND UE25B#1.  ACQN/DEVL LOCATION : USGS	12/03/90-01/22/91	ISOTOPIC ANALYSIS WAS PERFORMED ACCORDING TO PROCEDURES OUTLINED IN "CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES" NWM-USGS-GCP-16, R3.	D Y P
GS910508315215.003	THE CHEMICAL LABORATORY NOTEBOOKS USED FOR RECORDING SAMPLE INFORMATION, ION COLUMN EXCHANGE, SPIKE WEIGHTS (IF ANY) AND DATES SEPARATION OCCURRED. DATES: 5/3/89-5/9/91.  ACQN/DEVL LOCATION : USGS	05/03/89-05/09/91	NWM-USGS-GCP-12, R1-3, RB-SR, ISOTOPE GEOCHEMISTRY.	A Y P
GS910508315215.004	MINERAL AND WHOLE ROCK SEPARATION AND LABORATORY PREP NOTEBOOKS. RECORDS OF SAMPLES CRUSHED, ALONG WITH DATES, AND SAMPLE DESCRIPTIONS. DATES: 5/3/89-5/9/91.  ACQN/DEVL LOCATION : USGS	05/03/89-05/09/91	NWM-USGS-GCP-12, R1-3, RB-SR, ISOTOPE GEOCHEMISTRY AND NWM-USGS-GCP-07,R1, MINERAL SEPARATION FOR GEOCHEMISTRY AND ISOTOPE ANALYSIS.	A Y P
GS910508315215.005	LOGBOOKS FROM THE MASS SPECTROMETERS ON WHICH RB/SR AND SM/ND DATA IS OBTAINED. THIS INCLUDES THE SYE MICROMASS MULTIPLE SAMPLE COLLECTOR, THE NBS #2 6" AND NBS #1 6", SINGLE SAMPLE COLLECTORS. DATES: 5/3/89-5/9/91.  ACQN/DEVL LOCATION : USGS	05/03/89-05/09/91	NWM-USGS-GCP-12, R1-3, RB-SR, ISOTOPE GEOCHEMISTRY.	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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	09/19/89-10/12/89	USGS TECHNICAL PROCEDURE NWM-USUS-GCP-13, REV 2, URANIUM THORIUM AND LEAD GEOCHEMISTRY (ISOTOPE GEOLOGY).	A Y P
GS910508315215.007	CALCITE-SILICA DATA FROM 5/88-12/88. TRENCH 14 - ISOTOPIC DATA FOR PB, U, TH, TRENCH 14A AND B BUTTE.  ACQN/DEVL LOCATION : USGS	05/01/88-12/01/88	USGS TECHNICAL PROCEDURE NWM-USGS-GCP-13, REV 2, URANIUM, THORIUM, AND LEAD GEOCHEMISTRY (ISOTOPE GEO).	A Y P
GS910508315215.008	CALCITE-SILICA DATA FROM 1-90 TO 3-90 FOR TRENCH 14. ISOTOPIC DATA FOR LEAD, URANIUM AND THORIUM.  ACQN/DEVL LOCATION : USGS	01/01/90-03/01/90	USGS TECHNICAL PROCEDURE NWM-USGS-GCP-13, REVISION 2, URANIUM, THORIUM, AND LEAD GEOCHEMISTRY (ISOTOPE GEOLOGY).	A Y P
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	03/01/90-07/01/90	USGS TECHNICAL PROCEDURE NWM-USGS-GCP-13, REVISION 2, URANIUM, THORIUM, AND LEAD GEOCHEMISTRY (ISOTOPE GEOLOGY).	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F Y P E	Q U A I T Y P E
GS910608315215.010	TABLE OF STRONTIUM ISOTOPE DATA IN SUPPORT OF PUBLICATION.  ACQN/DEVL LOCATION : CRATER FLAT, NTS	12/01/90-12/31/90	USGS STANDARD COLLECTION METHODS.	D	Y T
GS910908315215.012	RAW DATA FOR FISSION-TRACK COUNTING AND CALIBRATION FOR TUFF SAMPLES COLLECTED BY W. CARR.  ACQN/DEVL LOCATION : BUSTED BUTTE TRENCH 14	01/26/89-02/08/91	FISSION-TRACK DATING OF CALIBRATION STANDARDS (ZIRCON FC-3) AND GEOLOGIC MATERIAL COLLECTED FOR YMP.	A	Y P
GS911008315215.013	87SR/86SR ANALYSIS OF BAILED WATER SAMPLE FROM DRILL HOLE UE25P#1, YUCCA MOUNTAIN NEVADA.  ACQN/DEVL LOCATION : UE25P#1	06/12/90-06/19/90	NWM-USGS-GCP-12, RB-SR ISOTOPE GEOCHEMISTRY	A	Y P
GS911008315215.014	ANALYTICAL RESULTS OF URANIUM AND URANIUM ACTIVITY RATIOS IN WELDED TUFF AND QUATERNARY ALLUVIUM AQUIFERS.  ACQN/DEVL LOCATION : FRENCHMAN FLAT JACKASS FLAT	02/13/89-02/13/89	NWM-USGS-GCP-03	A	N C
GS911108315215.015	ANALYTICAL RESULTS OF URANIUM, THORIUM, AND URANIUM ACTIVITY RATIOS IN WATER SAMPLES FROM J-12, J-13, WT-1, WT-7, WT-10, WT-17, VH-2. SAMPLES WT-1, WT-7, WT-10, AND WT-17 ARE SUSPECT. THEY ARE SCOPING SAMPLES AS WELL.  ACQN/DEVL LOCATION : J-12 J-13 VH-2 WT-1 WT-10 WT-17	06/01/90-06/01/91	ANALYTICAL RESULTS WERE OBTAINED PER NWM-USGS-GCP-03, R2. URANIUM-SERIES DATING. SAMPLES WERE COLLECTED PER NWM-USGS-GCP-23T, R0, BAILED WATER SAMPLING PROCEDURE.	A	Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	WT-7			
GS911208315215.016	PALEOHYDROLOGIC IMPLICATIONS OF THE STABLE ISOTOPIC COMPOSITION OF SECONDARY CALCITE WITHIN THE TERTIARY VOLCANIC ROCKS OF YUCCA MOUNTAIN, NEVADA.  ACQN/DEVL LOCATION : UE25A#1 UE25B#1 UE25P#1 USW G-2 USW G-3 USW G-4 USW GU-3	12/01/90-05/31/91	USGS-GCP-16	A Y P
GS920208315215.003	87SR/86SR RATIOS ON WATER SAMPLES OBTAINED FROM WELLS WT-17, -15, -14, -10, -7, -4, -1.  ACQN/DEVL LOCATION : USW WT-1 USW WT-10 USW WT-14 USW WT-15 USW WT-17 USW WT-4 USW WT-7	04/22/91-05/08/91	NWM-USGS-GCP-12, R3	A Y P
GS920208315215.004	"ISOTOPIC STUDIES OF FRACTURE COATINGS AT YUCCA MOUNTAIN, NEVADA" BY B. MARSHALL, J. WHELAN, Z. PETERMAN, K. FUTA, S. MAHAN, AND J. STUCKLESS  ACQN/DEVL LOCATION : USGS	01/06/92-02/18/92	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCE WERE USED TO DEVELOP THIS REPORT.	D Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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 P
GS920208315215.006	RB AND SR CHEMICAL LABORATORY NOTEBOOKS CONTAINING INFORMATION ON COLUMN PLACEMENT FOR SAMPLES, ELUTIONS, CALIBRATIONS, SAMPLE AND SPIKE INFORMATION AND DATES SAMPLES WERE PUT THROUGH THE ION EXCHANGE COLUMN.  ACQN/DEVL LOCATION : USGS RB-SR CLEAN LABORATORY	05/10/91-02/28/92	NWM-USGS-GCP-12, R3.	A Y P
GS920208315215.007	MINERAL AND WHOLE ROCK SEPARATION LABORATORY NOTEBOOKS RECORD SAMPLE DESCRIPTIONS, DATES SAMPLES WERE CRUSHED, INFORMATION ABOUT SAMPLES THAT WERE DRILLED, LEACHED HAND-PICKED OR OTHER SEPARATION WORK.  ACQN/DEVL LOCATION : USGS MINERAL SEPARATION LABORATORY	05/10/91-02/28/92	NWM-USGS-GCP-12, R3, AND NWM-USGS-GCP-07, R2.	A Y P
GS920208315215.008	RB AND SR, SM AND ND MASS SPECTROMETER DATA FROM THE 54E MICROMASS MULTIPLE SAMPLE COLLECTOR AND THE NBS#2 6" SINGLE SAMPLE COLLECTOR. LOGBOOK INFORMATION INCLUDES SAMPLE ID, DATES OF "RUN", ANY REPEATED ANALYSIS, POSSIBLE PROBLEMS WITH ANALYSIS, TYPE OF SAMPLE AND OPERATOR.  ACQN/DEVL LOCATION : SOLID SOURCE MASS SPECTROMETER BAY, USGS	05/10/91-02/28/92	NWM-USGS-GCP-12, R3.	A Y P



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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920208315215.009	"STRONTIUM ISOTOPE GEOCHEMISTRY OF CALCITE FRACTURE FILLING IN DEEP CORE, YUCCA MOUNTAIN, NEVADA - A PROGRESS REPORT" BY Z. PETERMAN, J. STUCKLESS, B. MARSHALL, S. MAHAN, AND K. FUTA.  ACQN/DEVL LOCATION : USGS	01/06/92-02/14/92	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCE WERE USED TO DEVELOP THE REPORT.	D Y P
GS920208315215.010	RB AND SR CHEMICAL LABORATORY NOTEBOOKS CONTAINING INFORMATION ON COLUMN PLACEMENT FOR SAMPLES, ELUTIONS, CALIBRATIONS, SAMPLE AND SPIKE INFORMATION AND DATES SAMPLES WERE PUT THROUGH THE ION EXCHANGE COLUMN.  ACQN/DEVL LOCATION : RB-SR CLEAN LABORATORY, USGS	10/04/88-05/02/89	NWM-USGS-GCP-12, R0 AND R1.	A N P
GS920208315215.011	MINERAL AND WHOLE ROCK SEPARATION LABORATORY NOTEBOOKS RECORD SAMPLE DESCRIPTIONS, DATES SAMPLES WERE CRUSHED, INFORMATION ABOUT SAMPLES THAT WERE DRILLED, LEACHED HAND-PICKED OR OTHER SEPARATION WORK.  ACQN/DEVL LOCATION : MINERAL SEPARATION LABORATORY, USGS	02/02/89-05/02/89	NWM-USGS-GCP-12, R1 AND NWM-USGS-GCP-07, R1	A N P
GS920208315215.012	RB AND SR, SM AND ND MASS SPECTROMETER DATA FROM THE 54E MICROMASS MULTIPLE SAMPLE COLLECTOR AND THE NBS#2 6" SINGLE SAMPLE COLLECTOR. LOGBOOK INFORMATION INCLUDES SAMPLE ID, DATES OF "RUN", ANY REPEATED ANALYSIS, POSSIBLE PROBLEMS WITH ANALYSIS, TYPE OF SAMPLE AND OPERATOR.  ACQN/DEVL LOCATION : SOLID MASS SPECTROMETER BAY, USGS	04/21/88-05/02/89	NWM-USGS-GCP-12, R0 AND R1.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920208315215.013	87 SR/86 SR MASS SPECTROMETER DATA AS OBTAINED BY THE 54E MICROMASS MULTIPLE SAMPLE COLLECTOR AND THE NBS#2 6" SINGLE SAMPLE COLLECTOR.	03/18/91-12/24/91	THIS IS A SUBSET OF DATA EXTRACTED FROM A SET OF DATA PREVIOUSLY DOCUMENTED ON ACQUIRED DATA TDIFS.	D Y P
	ACQN/DEVL LOCATION : SOLID MASS SPECTROMETER BAY, USGS			
GS920308315215.014	DELTA 87 SR VALUES ON ALL OF THE SAMPLES FROM SPRINGS AND WELLS IN THE ASH MEADOWS FLOW SYSTEM COLLECTED BY ISOTOPE GEOLOGY.	02/10/92-02/10/92	THIS IS A SUBSET OF DATA EXTRACTED FROM A SET OF MASS SPECTROMETER DATA PREVIOUSLY DOCUMENTED ON ACQUIRED DATA TDIFS.	D N P
	ACQN/DEVL LOCATION : SOLID MASS SPECTROMETER BAY, USGS			
GS920308315215.015	"STRONTIUM ISOTOPE CHARACTERIZATION OF THE ASH MEADOWS GROUND-WATER SYSTEM, SOUTHERN NEVADA" BY Z. PETERMAN, J. STUCKLESS, S. MAHAN, B. MARSHALL, E. GUTENTAG AND J. DOWNEY.	02/10/92-03/04/92	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCE WERE USED TO DEVELOP THE REPORT.	D N P
	ACQN/DEVL LOCATION : USGS			
GS920608315215.016	PB, U, AND TH ISOTOPIC DATA ON CALCITE-SILICA AND VOLCANIC ROCK SAMPLES FROM YUCCA MOUNTAIN, NEVADA, AND VICINITY	05/01/88-05/31/91	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE INVESTIGATOR'S EDUCATION AND WORK EXPERIENCE WERE USED TO DEVELOP THE DATA	D N P
	ACQN/DEVL LOCATION : USGS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920708315215.017	CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES OF SAMPLES FROM TRENCH 14, BUSTED BUTTE, AND DRILL HOLE USW G-4  ACQN/DEVL LOCATION : USGS, DENVER	06/20/88-05/02/89	GCP-16,R1 CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES	A N P
*GS920708315215.018	CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES OF SAMPLES FROM TRENCH 14 AND BUSTED BUTTE.  ACQN/DEVL LOCATION : USGS, DENVER	05/03/89-10/01/89	GCP-16,R1 CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES	A Y P
*GS920708315215.019	CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES OF SAMPLES FROM TRENCH 14, BUSTED BUTTE, AND DRILL HOLE USW G-4  ACQN/DEVL LOCATION : USGS, DENVER	06/20/88-10/01/89	SELECTION OF DATA FOR SAMPLES LISTED.	D N P
*GS920708315215.020	STABLE ISOTOPE GEOCHEMISTRY OF FAULT- AND FRACTURE-HOSTED CALCITE AND GROUND-WATER CARBONATE, YUCCA, MOUNTAIN AREA, NEVADA  ACQN/DEVL LOCATION : USGS, DENVER	01/02/90-03/31/90	ANALYSIS OF STABLE ISOTOPE GEOCHEMISTRY OF FAULT- AND FRACTURE-HOSTED CALCITE AND GROUND WATER CARBONATE	D N P
*GS920708315215.021	CALCAREOUS MICROFOSSIL STUDIES OF TRENCH 14 AND BUSTED BUTTE, NYE COUNTY, NEVADA  ACQN/DEVL LOCATION : USGS, DENVER	06/24/88-06/24/88	HP-78,R1, NONMARINE CALCAREOUS MICROFOSSIL SAMPLE PREPARATION AND DATA ACQUISITION PROCEDURES.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920708315215.022	CALCAREOUS MICROFOSSIL STUDIES OF TRENCH 14 AND BUSTED BUTTE, NYE COUNTY, NEVADA	09/24/90-11/02/91	HP-78,R1, NONMARINE CALCEREIOUS MICROFOSSIL SAMPLE PREPARATION AND DATA ACQUISITION PROCEDURES.	A Y P
	ACQN/DEVL LOCATION : USGS, DENVER			
*GS920708315215.024	URANIUM CONCENTRATIONS, ISOTOPIC ACTIVITY RATIOS, AND AGES OF CARBONATE DEPOSITS	07/03/86-07/15/86	METHODS DESCRIBED IN GCP-03,R1, URANIUM-SERIES DATING, & GCP-04,R1 URANIUM-TREND DATING.	A N P
	ACQN/DEVL LOCATION : USGS, DENVER			
*GS920708315215.025	URANIUM CONCENTRATIONS, ISOTOPIC ACTIVITY RATIOS, AND AGES OF CARBONATE DEPOSITS AND YUCCA MOUNTAIN AREA GROUND WATER	06/22/89-04/10/92	METHODS DESCRIBED IN GCP-03,R1, URANIUM-SERIES DATING, & GCP-04,R1 URANIUM-TREND DATING.	A Y P
	ACQN/DEVL LOCATION : USGS, DENVER			
*GS920708315215.026	U, TH, AND PB CONCENTRATIONS AND PB ISOTOPIC COMPOSITIONS OF CARBONATE-SILICATE VEINS, CALCRETE, & VOLCANIC ROCKS FROM YUCCA MOUNTAIN, NV.	09/01/89-05/31/91	SELECTION OF DATA FROM SOURCES. AVERAGE CONCENTRATIONS AND CARBONATE AND SILICATE PERCENTAGES CALCULATED BY METHOD DESCRIBED IN DATA TABLES.	D Y P
	ACQN/DEVL LOCATION : USGS, DENVER			
*GS920708315215.027	87SR/86SR RATIOS IN SAMPLES FROM YUCCA MOUNTAIN VICINITY	07/01/92-07/27/92	NWM-USGS GCP-12,R3, RB-SR ISOTOPE GEOCHEMISTRY.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.6.1.1				
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			
Activity - 8.3.1.6.1.1.3				
LA000000000011.001	ROCK VARNISH CATION-RATIO DATA	06/30/84-07/31/88	FIELD SAMPLING, SCM ANALYSIS	A N P
	ACQN/DEVL LOCATION : YUCCA MOUNTAIN AND VICINITY			
LA000000000019.001	MANGANESE ACCUMULATION IN ROCK VARNISH ON A DESERT PIEDMONT, MOJAVE DESERT, CALIFORNIA, AND APPLICATION TO EVALUATE VARNISH DEVELOPMENT	01/01/91-01/01/92	FOLLOWING DP 114	A Y P
	ACQN/DEVL LOCATION : LANL			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.6.2.1.1				
GS910708316211.001	DATA IS BASED ON GEOLOGIC FIELD MAPPING, INFORMATION OBTAINED FROM DRILL HOLES AS WELL AS PUBLISHED DATA.	01/01/79-01/01/85	FIELD MAPPING AS WELL AS INFORMATION OBTAINED FROM DRILL HOLES.	A N P
	ACQN/DEVL LOCATION : USW G-3 USW GU-3			
Activity - 8.3.1.6.3.1.1				
GS900908316311.001	PRELIMINARY ASSESSMENT OF THE RISK OF VOLCANISM AT A PROPOSED NUCLEAR WASTE REPOSITORY IN THE SOUTHERN GREAT BASIN.	01/01/78-12/13/80	USGS STANDARD COLLECTION METHODS.	D Y C
	ACQN/DEVL LOCATION : CRATER FLAT, NTS			
Activity - 8.3.1.8.5.1.3				
LA000000000013.001	PRELIMINARY GEOLOGIC MAP OF THE SLEEPING BUTTE VOLCANIC CENTERS	01/30/80-08/30/90	STANDARD FIELD MAPPING WITH AIR PHOTOS	A Y P
	ACQN/DEVL LOCATION : LANL			
LA000000000013.002	PRELIMINARY GEOLOGIC MAP OF THE SLEEPING BUTTE VOLCANIC CENTERS	09/30/90-12/30/90	STANDARD FIELD MAPPING WITH AIR PHOTOS	D Y P
	ACQN/DEVL LOCATION : LANL			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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## Activity - 8.3.1.8.5.2

**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.
ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			

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## Activity - 8.3.1.9.2.1

**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.
ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.9.2.2.1				
GS920508319221.001	DATA ON GROUND-WATER LEVELS AND SPRINGFLOWS, INCLUDING WELL DEPTHS, CASING INFORMATION, DISCHARGE MEASUREMENTS, AND WELL AND SPRING LOCATIONS.	03/21/86-03/31/92	USGS DATA WERE COLLECTED USING HP-54, HP-61, HP-99, AND HP-166.	A N P
ACQN/DEVL LOCATION : 36 00'00"N 117 00'00"W ;37 00'00"N 116 00'00"W				
GS920508319221.002	QUARTERLY DATA COLLECTED FOR FIRST QUARTER OF 1992, FOR REPORT "DATA ON GROUND-WATER LEVELS AND SPRINGFLOWS IN THE YUCCA MOUNTAIN REGION OF SOUTHERN NEVADA AND CALIFORNIA, JANUARY - MARCH 1992.	03/21/86-04/06/86	USGS STANDARD METHODS	D N P
ACQN/DEVL LOCATION : USGS				
*GS920608319221.003	RAW DATA ON WATER-LEVEL MEASUREMENTS, QW AND SPRING DISCHARGES FOR JANUARY THRU MARCH 1992.	01/01/92-03/31/92	DATA WERE COLLECTED USING HP-54,R0, WATER-FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS; HP-61,R0, USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); HP-99,R1, INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS; AND HP-166,R0, STREAM DISCHARGE MEASUREMENTS USING A PYGMY METER.	A N P
ACQN/DEVL LOCATION : 36 00'N 117 00'W 37 00'N 116 00'W 37 00'N 117 00'W				



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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.14.2.2.1				
GS900983114221.003	CORE SAMPLES FROM THE CALICO HILLS UE25A-3 BOREHOLE WERE MEASURED FOR DENSITY, POROSITY, RESISTIVITY, INDUCED POLARIZATION, COMPRESSIONAL SONIC VELOCITY, AND MAGNETIC PROPERTIES. ROCK PROPERTY ANALYSIS OF CORE SAMPLES FROM THE CALICO HILLS UE25A-3 BOREHOLE, NEVADA TEST SITE.	08/01/80-08/31/80	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : UE25A-3			
Activity - 8.3.1.15.1.1.1				
*SNL03000000001.000	GRAIN DENSITY MEASUREMENTS OF USW GU-3 AND USW G-4 SAMPLES IN SUPPORT OF HYDROLOGIC PROPERTY ANALYSIS, THE DATA IS USED TO DETERMINE POROSITIES AND SATURATION OF SAMPLES.	11/20/84-12/13/84	DATA COLLECTED USING A MICROMERETICS MODEL A N P 1310 HELIUM GAS PYCOMETER.	
	ACQN/DEVL LOCATION : SNL			
*SNL03000000003.000	DETERMINATION OF DRY BULK DENSITIES AND GRAIN DENSITIES USED IN SUPPORT OF HYDROLOGIC CALCULATIONS AND IN POROSITY AND SATURATION CALCULATIONS	07/07/82-10/21/83	DATA COLLECTED USING A PCYNOMETER BULK DENSITY WAS CALCULATED BY DETERMINING THE VOLUME OF CORE AND WEIGHT ( $D=M/V$ ). THE POROSITY EQUATION IS $1-BULK$ DENSITY/PARTICLE DENSITY. THE PARTICLE DENSITY CALCULATION IS $P_P=P_W (W_S-W_A) / [W_S-W_A) - (W_S_W-W_W)]$ .	A N P
	ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.15.1.2.1				
SNL01B00000001.000	UNCONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : SNL	02/01/78-01/26/87	DUAL PUSH ROD DILATOMETRY	A N C
SNL01B00000002.000	UNCONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : SNL	02/01/78-01/26/87	DUAL PUSH ROD DILATOMETRY	A N C
SNL01B00000003.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A N C
SNL01B00000004.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A N C
SNL01B00000005.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A N C
SNL01B00000006.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A N C
SNL01B00000007.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SNL01B00000008.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A N C
SNL01B00000009.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A N C
**SNL01B00000010.000	CONFINED AND UNCONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : SNL	02/01/78-01/26/87	SINGLE AND DUAL PUSH ROD DILATOMETRY	D N T
**SNL04000000001.000	DATA DISKETTES (REFLEX AND LOTUS 123) USED SPDD 91-7031. ACQN/DEVL LOCATION : USW G-1	04/01/89-03/01/91	STANDARD MICROPROBE ANALYSIS.	A N P
Activity - 8.3.1.15.1.3.1				
*SNL02000000011.000	MATRIX COMPRESSIVE TESTS OF THE TOPOPAH SPRING MEMBER IN USW GU-3	04/20/83-05/17/83	THE MECHANICAL EXPERIMENTS WERE PERFORMED ON A LOAD FRAME HAVING A MAXIMUM LOAD CAPACITY OF 1.8MN (400KIP). A CONSTANT DISPLACEMENT RATE OF THE LOADING PISTON IS ACHIEVED BY SERVO-CONTROL OF THE HYDRAULIC RAM WHILE MONITORING AN LVDT (LINEAR VARIABLE DISPLACEMENT TRANSFORMER) AT THE BASE OF THE LOADING COLUMN.	A N P
ACQN/DEVL LOCATION : USW GU-3, YUCCA MOUNTAIN, NEVADA TEST SITE				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*SNL02000000012.000	UNIAXIAL AND TRIAXIAL COMPRESSION TEST SERIES ON TOPOPAH SPRING TUFF	06/24/82-10/31/82	MECHANICAL EXPERIMENTS WERE PERFORMED ON LOAD FRAMES HAVING MAXIMUM LOAD CAPACITIES OF 1.0 MN (220 KIP) AND 1.8 MN (400 KIP) FOR UNIAXIAL AND TRIAXIAL TESTS, RESPECTIVELY.	A N P
ACQN/DEVL LOCATION : USW-G1, YUCCA MOUNTAIN, NEVADA TEST SITE				
Activity - 8.3.1.15.2.1.2				
GS900983115212.001	REPORT ON TELEVIEWER LOG AND STRESS MANAGEMENT IN CORE HOLE USW G-1, NEVADA TEST SITE, DECEMBER 13-22, 1981.	12/13/81-12/22/81	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : USW G-1				
GS900983115212.002	REPORT ON TELEVIEWER LOG AND STRESS MEASUREMENTS IN CORE HOLE USW G-2, NEVADA TEST SITE, OCTOBER-NOVEMBER 1982.	10/01/82-11/30/82	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : USW G-2				
GS900983115212.003	DATA ON TELEVIEWER LOG AND STRESS MANAGEMENT IN HOLES USW G-3 AND UE-25P1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.	02/01/83-03/31/83 11/01/83-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : UE-25P-1 USW G-3				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.15.2.2.1				
GS900983115221.001	ANALYSIS OF THERMAL DATA FROM DRILL HOLES UE25A-3 AND UE25A-1, CALICO HILLS AND YUCCA MOUNTAIN, NEVADA TEST SITE.  ACQN/DEVL LOCATION : CALICO HILLS UE25A-1 UE25A-3 YUCCA MOUNTAIN	04/01/79-04/30/79	USGS STANDARD COLLECTION METHODS.	D N C
GS900983115221.002	PRELIMINARY INTERPRETATION OF THERMAL DATA FROM THE NEVADA TEST SITE. ANALYSIS OF DATA FROM 60 WELLS IN AND AROUND THE NEVADA TEST SITE, INCLUDING 16 IN THE YUCCA MOUNTAIN AREA.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/71-12/31/81	USGS STANDARD COLLECTION METHODS.	D N C
Activity - 8.3.1.16.1.1.1				
GS900983116111.001	FLOOD POTENTIAL OF TOPOPAH WASH AND TRIBUTARIES, EASTERN PART OF JACKASS FLATS, NEVADA TEST SITE, SOUTHERN NEVADA.  ACQN/DEVL LOCATION : USGS	01/01/78-12/31/78	USGS STANDARD TEST METHODS.	D N C
GS900983116111.002	PROBABLE MAXIMUM FLOOD STUDY - 1986.  ACQN/DEVL LOCATION : 36 52'30"N 116 26'48"W	01/01/83-12/31/86	USGS STANDARD COLLECTION METHODS.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
GS910783116111.003	PEAK FLOW ESTIMATE, DATA INCLUDE STREAM CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORD INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03 (1989)), SITE LOCATION MAP, AND ACCOMPANYING PHOTOGRAPH (S) FOR EACH SITE.	08/02/90-08/01/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP 114, R0, "ESTIMATING STREAMFLOW DISCHARGE", EFFECTIVE DATE 6/8/88, SECTION 4.2.2.	A Y P
ACQN/DEVL LOCATION : AMARGOSA R. AT HWY 127 CXING 50' UPSTREAM FROM HWY				
GS920183116111.001	UNNAMED TRIBUTARY FROM PINE NUT MTS. TO CARSON RIVER AT FREMONT DRIVE. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORDS INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE.	08/07/91-08/07/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114, R0, SECTION 4.2.2.	A Y P
ACQN/DEVL LOCATION : 39 01'32N 119 42'31"W				
GS920183116111.002	REESE RIVER CANYON NEAR SCHURZ, NV. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORDS INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE.	07/01/91-07/01/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114, R0, SECTION 4.2.2.	A Y P
ACQN/DEVL LOCATION : 38 51'00"N 118 46'54"W				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920183116111.003	UNNAMED TRIBUTARY TO JUMBO CREEK AT NEW WASHOE CITY, NV. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORDS INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE.	08/05/91-08/05/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114, R0, SECTION 4.2.2.	A Y P
	ACQN/DEVL LOCATION : 39 17'09"N 119 45'04"W			
GS920183116111.004	JUMBO CREEK AT NEW WASHOE CITY, NV. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORDS INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE.	08/05/91-08/05/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114, R0, SECTION 4.2.2.	A Y P
	ACQN/DEVL LOCATION : 39 16'58"N 119 44'50"W			
GS920183116111.005	UNNAMED WASH JUST SOUTH OF HOT SPRINGS MTN., CARSON VALLEY, NV. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORDS INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP.	08/07/91-08/07/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114, R0, SECTION 4.2.2.	A Y P
	ACQN/DEVL LOCATION : 39 02'46"N 119 42'51"W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F T Y P E	Q U A L I T Y P E D
GS920183116111.006	<p>UNNAMED TRIBUTARY TO WASHOE LAKE FROM VIRGINIA RANGE NEAR NEW WASHOE CITY, NV. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORDS INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE.</p> <p>ACQN/DEVL LOCATION : 39 17'35"N 119 46'06"W</p>	08/05/91-08/05/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114, R0, SECTION 4.2.2.	A	Y P
Activity - 8.3.1.16.2.1.4					
GS910983116214.001	<p>1. REFERENCES CITED IN REPORT ENTITLED "SIMULATED EFFECTS OF PUMPING WELLS J-13 AND J-12 IN THE VICINITY OF YUCCA MOUNTAIN" 2. COMPUTER SIMULATIONS FOR SAME REPORT.</p> <p>ACQN/DEVL LOCATION : USGS</p>	08/01/91-08/31/91	COMPUTER SIMULATION MODELING.	D	N P
Activity - 8.3.1.17.2.1.2					
GS900983117212.001	<p>ELECTROMAGNETIC (EM) DATA PRESENTED IN THIS REPORT IS PART OF A STUDY BY THE USGS AIMED AT EVALUATING THE MIOCENE (?) AND PLIOCENE YUCCA MOUNTAIN MEMBER OF VARIOUS UNITS OF THE PAINTBRUSH TUFF IN THE VICINITY OF YUCCA MOUNTAIN AS A POSSIBLE REPOSITORY FOR NUCLEAR WASTES.</p> <p>ACQN/DEVL LOCATION : PAINTBRUSH TUFF, YUCCA MOUNTAIN</p>	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS.	D	N C



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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
Activity - 8.3.1.17.3.1			
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.
ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			
Activity - 8.3.1.17.3.3			
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.
ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.3.3.2				
**SNF08000000001.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE CONTACT.	06/22/89-06/22/89	TEST WAS UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
**SNF08000000002.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE AMARILLO.	06/27/89-06/27/89	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
**SNF08000000003.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE ALAMO.	07/07/88-07/07/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**SNF08000000004.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE DALHART.	10/13/88-10/13/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
**SNF08000000005.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE KEARSARGE.	08/17/88-08/17/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
**SNF08000000006.000	DIGITIZING/DATA REDUCTION PLOTS AND DATA FROM UNE BULLION.	06/13/90-03/18/91	DATA REDUCTED AND DIGITIZED USING TECHNICAL PROCEDURE (TP) 82, REV. C: PROCEDURE FOR ACQUIRING, DITIGIZING, PROCESSING, STORING GROUND MOTION DATA FROM UNDERGROUND NUCLEAR EXPLOSIONS.	D N P
ACQN/DEVL LOCATION : SNL				

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**SNF08000000007.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE BULLION.	06/13/90-06/13/90	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
**SNF08000000008.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE COMSTOCK.	06/02/88-06/02/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
**SNF08000000009.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE BARNWELL.	12/09/89-12/09/89	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**SNF08000000010.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE DELAMAR.	04/18/87-04/18/87	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
**SNF08000000011.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE KERNVILLE.	02/15/88-02/15/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
**SNF08000000012.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE LOCKNEY.	09/24/87-09/24/87	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**SNF08000000013.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE HARDIN.	04/30/87-04/30/87	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
**SNF08000000014.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE TAHOKA.	08/13/87-08/13/87	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A N P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
*SNF08000000015.000	COMPONENT GROUND MOTION AT THE NEVADA TEST SITE FROM PAHUTE MESA UNDERGROUND NUCLEAR EXPLOSIONS	01/01/70-12/31/89	ACQUISITION, DIGITIZING, PROCESSING, STORAGE, AND RETRIEVAL OF GROUND MOTION DATA IS DESCRIBED IN EP-0038: "EXPERIMENT PROCEDURE (EP) FOR ACQUIRING, DIGITIZING, PROCESSING, STORING AND RETRIEVING GROUND MOTION DATA FROM UNDERGROUND NUCLEAR EXPLOSIONS". THIS EP CROSS-REFERENCES TECHNICAL PROCEDURE: TP-209 AND TP-211 THROUGH TP-214.	A N C
ACQN/DEVL LOCATION : TESTING SOURCE AREAS: PAHUTE MESA AND YUCCA FLAT				

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.3.5				
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			
Activity - 8.3.1.17.3.5.1				
GS900983117351.001	DATA REPORT FOR THE 1985 SEISMIC REFRACTION EXPERIMENT AT YUCCA MOUNTAIN AND VICINITY, SOUTHWESTERN NEVADA.	02/01/85-02/28/85	USGS STANDARD COLLECTION METHODS.	D N P
	ACQN/DEVL LOCATION : YUCCA MOUNTAIN AND VICINITY, NTS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.3.6				
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			
Activity - 8.3.1.17.4.1				
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.1.1				
GS900983117411.001	SOUTHERN GREAT BASIN SEISMOLOGICAL DATA REPORT FOR 1980 AND PRELIMINARY DATA ANALYSIS. EARTHQUAKE DATA FOR THE CALENDAR YEAR 1980 AND EARTHQUAKES OCCURRING WITHIN AND ADJACENT TO THE SOUTHERN NEVADA SEISMOGRAPH NETWORK.	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
GS900983117411.002	A STUDY OF EARTHQUAKE GROUND MOTIONS RECORDED AT DEPTH IN A DRILL HOLE AND AT GROUND SURFACE, CALICO HILLS, NEVADA TEST SITE.	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : UE25A-3			
GS900983117411.003	EARTHQUAKE DATA FOR THE CALENDAR YEAR 1981, ARE REPORTED FOR EARTHQUAKES OCCURRING WITHIN AND ADJACENT TO THE SOUTHERN GREAT BASIN SEISMOGRAPH NETWORK.	01/01/81-12/31/81	SOUTHERN GREAT BASIN SEISMIC NETWORK.	D N C
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
GS900983117411.004	A COLLATION OF EARTHQUAKE HYPOCENTERS, INTENSITIES, AND MAGNITUDES FOR THE SOUTHERN GREAT BASIN FOR THE PERIOD 1868-1978.	01/01/68-12/31/78	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900983117411.005	EARTHQUAKE LOCATION DATA FOR THE SOUTHERN GREAT BASIN OF NEVADA AND CALIFORNIA: 1984 THROUGH 1986.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/84-12/31/86	USGS STANDARD COLLECTION METHODS.	D N C
GS900983117411.006	DATA FOR EARTHQUAKES FOR THE CALENDAR YEARS 1982 AND 1983. DURING THE PERIOD OF AUGUST, 1978 TO DECEMBER, 1983, SEVERAL EARTHQUAKES WERE LOCATED WITHIN AND ADJACENT TO THE SOUTHERN GREAT BASIN SEISMOGRAPH NETWORK. EARTHQUAKE HYPOCENTERS, SELECTED FOCAL MECHANISMS, AND OTHER INFERRED SEISMICITY CHARACTERISTICS ARE PRESENTED AND DISCUSSED IN RELATION TO THE LOCAL AND REGIONAL GEOLOGIC FRAMEWORK.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/78-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C
Activity - 8.3.1.17.4.1.2				
GS900983117412.002	RECONNAISSANCE SEISMIC REFRACTION STUDIES AT CALICO HILLS, WAHMONIE, AND YUCCA MOUNTAIN, SOUTHWEST NEVADA TEST SITE, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : WAHMONIE AND CALICO HILLS SITES, NTS	12/01/78-12/31/78 09/01/79-09/30/79	REFRACTION SEISMIC EXPERIMENTS.	D N C
GS900983117412.003	A SEISMIC STUDY OF YUCCA MOUNTAIN AND VICINITY, SOUTHERN NEVADA, DATA REPORT AND PRELIMINARY RESULTS.  ACQN/DEVL LOCATION : YUCCA MOUNTAIN AND VICINITY, NTS	04/01/82-04/30/82	SEISMIC REFRACTION AND SHOTPOINT DEPLOYMENT RECORDINGS.	D N C

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900983117412.004	DATA REPORT FOR THE 1983 SEIEMIC-REFRACTION EXPERIMENT AT YUCCA MOUNTAIN, BEATTY, AND VICINITY, SOUTHERN NEVADA. INCLUDES RECORD SECTIONS FROM THE TEN SHOTPOINTS, A LIST OF SEIEMOGRAPH LOCATIONS, A LIST OF SHOTPOINT LOCATIONS AND TIMES, DKDAT DATA FILES AND TAPE GRADE CODE AND A LIST OF FIRST-ARRIVAL TRAVEL TIME PICKS.  ACQN/DEVL LOCATION : 9 SHOTPOINTS ON A N-S, E-W PROFILE OF YUCCA MT.	06/01/83-06/30/83	USGS STANDARD COLLECTION METHOD.	D N C
GS900983117412.047	LOCATION REFINEMENT OF EARTHQUAKES IN THE SOUTHWESTERN GREAT BASIN, 1931-1974, AND SEISMOTECTONIC CHARACTERISTICS OF SOME OF THE IMPORTANT EVENTS.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/85-12/31/85	USGS STANDARD COLLECTION METHODS.	D N C
GS901283117412.008	EARTHQUAKE DATA - DECEMBER 3 TO DECEMBER 7, 1990. DEVELOCORDER FILM.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	12/03/90-12/07/90	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910183117412.007	SEISMIC DATA - REGIONAL - NOVEMBER 20, 1990 TO JANUARY 13, 1991. MAGNETIC TAPES.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	11/20/90-01/13/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P

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GS910183117412.009	EARTHQUAKE DATA - DECEMBER 7, 1990 - JANUARY 22, 1991. DEVELOCORDER FILM.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	12/07/90-01/22/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910283117412.005	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVES TAPES. NOVEMBER 31, 1990 - FEBRUARY 16, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	11/30/90-02/16/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y C
GS910283117412.006	EARTHQUAKE DEVELOCORDER FILMS. DECEMBER 11-DECEMBER 15, 1990, DECEMBER 19-DECEMBER 25, 1990, DECEMBER 29-DECEMBER 31, 1990, JANUARY 22-JANUARY 28, 1991, FEBRUARY 1-FEBRUARY 13, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	12/11/90-02/13/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910383117412.010	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES: L1092B-L1094B, DATES: FEBRUARY 17-MARCH 3, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	02/17/91-03/03/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910383117412.011	EARTHQUAKE DEVELOCORDER FILMS (33 BOXES) . DATES: OCTOBER 2-4, 1990, NOVEMBER 3-5, 1990, NOVEMBER 7-9, 1990, FEBRUARY 3-5, 1991, FEBRUARY 27-MARCH 7, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	10/02/90-03/07/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910383117412.012	DEVELOCODER FILMS, 27 BOXES, MARCH 7 TO MARCH 25, 1991 - EARTHQUAKE DEVELOCODER FILM.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	03/07/91-03/25/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910383117412.013	DIGITAL ARCHIVE TAPES, 4 TAPES, L1095B-L1098B, MARCH 1 TO MARCH 14, 1991, SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	03/01/91-03/14/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910483117412.014	42 EARTHQUAKE DEVELOCORDER FILMS. DATES: 03/29/-04/24.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	03/29/91-04/24/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910483117412.015	7 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. NUMBERED: L1099-L1105. DATES: 03/15/91-04/25/91.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	03/15/91-04/25/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910583117412.016	20 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L033-L041, L043, L044, L045, L091, L095, L460, L461, L480, L490, L491, L492. DATES: 1/10/83 TO 12/28/84.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/10/83-12/28/84	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P

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GS910583117412.017	31 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L501-L504, L506-L532. DATES: 1/1/85-1/1/86.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/85-01/01/86	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910583117412.018	40 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L600-L639. DATES: 1/2/86-12/31/86.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/86-12/31/86	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
**GS910583117412.019	26 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L640-L642, L643-L645, L647-L669. DATES: 1/01/87 - 12/31/87.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/87-12/31/87	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910583117412.020	57 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L800-L856. DATES: 1/01/88-8/29/88.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/88-08/29/88	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910583117412.021	44 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L857-L900. DATES: 8/29/88-12/30/88.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	08/29/88-12/30/88	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910583117412.022	129 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L901-L1029. DATES: 12/30/88-12/30/89.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	12/30/88-12/30/89	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910583117412.023	51 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L1030-L1080. DATES: 01/02/90-12/04/90.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/90-12/04/90	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N C
GS910583117412.024	1419 EARTHQUAKE DEVELOCORDER FILMS. DATES 4/1/73-1/2/80.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	04/01/73-01/02/80	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910583117412.025	549 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/80-1/2/81.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/80-01/02/81	SOUTHERN GREAT BASIN SEISMIC NETWORK	A N P
GS910583117412.026	546 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/81-1/2/82.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/81-01/02/82	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910583117412.027	549 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/82-1/2/83.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/82-01/02/83	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910583117412.028	546 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/83-1/2/84.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/83-01/02/84	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910583117412.029	545 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/84-1/2/85.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/84-01/02/85	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910583117412.030	545 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/85-1/2/86.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/85-01/02/86	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910583117412.031	521 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/86-1/1/87.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/86-01/01/87	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910583117412.032	521 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/1/87-1/2/88.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/87-01/02/88	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P



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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910583117412.033	549 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/88-1/2/89. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/88-01/02/89	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910583117412.034	546 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/89-1/1/90. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/89-01/01/90	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910583117412.035	552 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/1/90-1/2/91. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/90-01/01/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N C
GS910583117412.036	EARTHQUAKE DEVELOCORDER FILMS. DATES: MAY 2, 1991-MAY 12, 1991 (18 BOXES). ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	05/02/91-05/12/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910583117412.037	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. L1106B, DATES: APRIL 18, 1991-MAY 2, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	04/18/91-05/02/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910583117412.044	34 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L001-L032, L054-L059. DATES: 9/16/81-12/30/82.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	09/16/81-12/30/82	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910683117412.038	EARTHQUAKE DEVELOCORDER. DATES: MAY 16, 1991 - MAY 30, 1991, JUNE 1, 1991-JUNE 11, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	05/16/91-06/11/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910683117412.039	SOUTHERN GREAT BASIN LOCAL EARTHQUAKES ARCHIVE TAPES. DATES: APRIL 30, 1991-MAY 28, 1991, L1107B-L111B, 5 TAPES.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	04/30/91-05/28/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910783117412.040	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATES: MAY 28, 1991 - JUNE 12, 1991, 5 TAPES L1112B-L1117B.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	05/28/91-06/12/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910783117412.041	EARTHQUAKE DEVELOCORDER FILMS. DATES - JUNE 13, 1991 - JUNE 27, 1991, 21 BOXES.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	06/13/91-06/27/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910883117412.042	EARTHQUAKE DEVELOCORDER FILMS. 60 BOXES. DATES: JULY 3, 1991 - AUGUST 12, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	07/03/91-08/12/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910883117412.043	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATES: JUNE 12, 1991 - JULY 27, 1991. (L1118B-L1129B).  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	06/12/91-07/27/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910883117412.048	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR DATES AUG. 16, 1991 TO AUG. 29, 1991. L1135B-L1137B.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	08/16/91-08/29/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS910983117412.045	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATES: JULY 16 - AUGUST 16, 1991. (L1130B-L1134B).  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	07/16/91-08/16/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910983117412.046	EARTHQUAKE DEVELOCORDER FILMS. 27 BOXES. DATES: AUGUST 12-AUGUST 30, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	08/12/91-08/30/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910983117412.049	EARTHQUAKE DEVELOCORDER FILMS FOR DATES AUGUST 30, 1991 TO SEPTEMBER 9, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	08/30/91-09/09/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS910983117412.050	EARTHQUAKE DEVELOCORDER FILMS FOR DATES SEPTEMBER 9, 1991 TO SEPTEMBER 27, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN.	09/09/91-09/27/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS911083117412.051	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN FOR DATES SEPTEMBER 27 THROUGH OCTOBER 11, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	09/27/91-10/11/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS911083117412.052	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN FOR DATES OCTOBER 11 THROUGH OCTOBER 25, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	10/11/91-10/25/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS911083117412.053	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR DATES AUGUST 29, THROUGH SEPTEMBER 17, 1991. NUMBERED L1138B-L1142B.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	08/29/91-09/17/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS911183117412.054	EARTHQUAKE DEVELOCORDER FILM OF THE SOUTHERN GREAT BASIN FOR THE DATES OCTOBER 29 THROUGH NOVEMBER 14, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	10/29/91-11/14/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS911183117412.055	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR THE DATES SEPTEMBER 17 THROUGH SEPTEMBER 26, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	09/17/91-09/26/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS911183117412.056	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR DATES SEPTEMBER 27 THROUGH NOVEMBER 7, 1991. NUMBERED L1149B-L1155B.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	09/27/91-11/07/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS911183117412.057	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN FOR DATES NOVEMBER 16 THROUGH NOVEMBER 26, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	11/16/91-11/26/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS911283117412.058	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR DATES NOVEMBER 6 THROUGH NOVEMBER 26, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	11/06/91-11/26/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS911283117412.059	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN FOR DATES NOVEMBER 26 THROUGH DECEMBER 12, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	11/26/91-12/12/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920183117412.001	EARTHQUAKE DEVELOCORDER FILM OF THE SOUTHERN GREAT BASIN DATED FROM DECEMBER 12, 1991 TO JANUARY 1, 1992 AND JANUARY 9, 1992 TO JANUARY 15, 1992. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	12/12/91-01/01/92 01/09/92-01/15/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920183117412.002	EARTHQUAKE DEVELOCORDER FILM OF THE SOUTHERN GREAT BASIN DATED JANUARY 15 THROUGH JANUARY 29, 1992. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/15/92-01/29/92	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS920283117412.003	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATED JANUARY 29, 1992 THROUGH FEBRUARY 20, 1992. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/29/92-02/20/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920283117412.004	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATED: NOVEMBER 26, 1991 THROUGH JANUARY 31, 1992. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	11/26/91-01/31/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920383117412.005	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATES: JANUARY 24, 1992 THROUGH FEBRUARY 29, 1992.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/24/92-02/29/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920383117412.006	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: APRIL 26 THROUGH MAY 2, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	04/26/91-05/02/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920383117412.007	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: MAY 14-16, 1991 AND MAY 30 - JUNE 1, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	05/14/91-05/16/91 05/30/91-06/01/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920383117412.008	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: JUNE 11 - 13, 1991 AND JUNE 27 - 29, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	06/11/91-06/13/91 06/27/91-06/29/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920383117412.009	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: JULY 1 - 3, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	07/01/91-07/03/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920383117412.010	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: JANUARY 1 - 9, 1992.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/92-01/09/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920383117412.011	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: FEBRUARY 20 THROUGH MARCH 17, 1992.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	02/20/92-03/17/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920483117412.012	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN DATED MARCH 17 THROUGH APRIL 12, 1992.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	03/17/92-04/02/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920483117412.013	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES DATED FEBRUARY 29 - MARCH 23, 1992. L1179B - L1183B.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	02/29/92-03/23/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920483117412.014	SEISMICITY AND FOCAL MECHANISMS FOR THE SOUTHERN GREAT BASIN OF NEVADA AND CALIFORNIA.  ACQN/DEVL LOCATION : USGS	02/01/91-07/23/91	METHODS OF ANALYSES ARE FOUND IN PROCEDURES SP-01, SP-04, SP-06, SP-11.	D N C



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F I T Y P E E	Q U A L C A F T I I O D N
GS920483117412.015	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR DATES MARCH 23 THROUGH APRIL 17, 1992. NUMBERED L1184B - L1187B.	03/23/92-04/17/92	SOUTHERN GREAT BASIN SEISMIC NETWORK. ALL PRELIMINARY P-ARRIVALS, S-ARRIVALS AND OTHER MEASUREMENTS WERE MADE USING THE COMPUTER PROGRAM PING.C VERSION 1.003, CID:YMP-USGS/GDD0012.02.	A	Y P
ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN					
GS920483117412.016	SOUTHERN GREAT BASIN EARTHQUAKE DEVELORECORDER FILMS FOR THE DATES APRIL 2 THROUGH APRIL 24, 1992.	04/03/92-04/24/92	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	Y P
ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN					
GS920583117412.018	EARTHQUAKE DEVELORECORDER FILMS OF THE SOUTHERN GREAT BASIN DATED APRIL 24, 1992 THROUGH MAY 14, 1992.	04/24/92-05/14/92	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	Y P
ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN					
GS920583117412.019	EARTHQUAKE DEVELORECORDER FILMS OF THE SOUTHERN GREAT BASIN DATED MAY 14 THROUGH MAY 28, 1992.	05/14/92-05/28/92	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	Y P
ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN					
GS920683117412.020	EARTHQUAKE DEVELORECORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: MAY 28 - JUNE 19, 1992 (33 BOXES)	05/28/92-06/19/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A	Y P
ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN					

# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
*GS920783117412.021	EARTHQUAKE DEVELOCORDER FILMS AND SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR EARTHQUAKES RECORDED BETWEEN JAN. 1, 1991 AND DEC. 31, 1991  ACQN/DEVL LOCATION : USGS	02/01/92-06/01/92	THIS IS EARTHQUAKE DATA FROM 1991 THAT WERE SELECTED OUT FROM TDIFS GOVERING A COMBINATION OF 1990-1991 OR 1991-1992 EARTHQUAKE DATA.	D Y P
*GS920783117412.022	SEISMICITY AND FOCAL MECHANISMS FOR THE SOUTHERN GREAT BASIN OF NEVADA AND CALIFORNIA IN 1991.  ACQN/DEVL LOCATION : USGS	02/01/92-06/01/92	METHODS OF ANALYSES AND EXTRAPOLATION ARE AS FOUND IN NWM-USGS TECHNICAL PROCEDURES: SP-01, PRELIMINARY EARTHQUAKE LOCATION PROCEDURE; SP-04, PRELIMINARY EARTHQUAKE MAGNITUDE DETERMINATION PROCEDURE; SP-06, PRELIMINARY DETERMINATION OF EARTHQUAKE FOCAL MECHANISM FROM P-WAVE POLARITIES AND SV/P AMPLITUDES; SP-11, OPERATION AND CALIBRATION OF REMOTE TELEMETERED SEISMIC ARRAY	D Y P
*GS920783117412.023	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES JUNE 25-27, 1992, JUNE 29-JULY 17, 1992  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	06/25/92-07/17/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
*GS920783117412.024	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATED: 4/15/92 - 6/24/92 NUMBERED:L1188B - L1200B  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	04/15/92-06/24/92	ALL PRELIMINARY P-ARRIVALS, S-ARRIVALS, AND OTHER MEASUREMENTS WERE MADE USING THE COMPUTER PROGRAM PING.C VERSION 1.003, CID:YMP-USGS/GDD0012.02. THE PHASE ARRIVALS AND OTHER MEASUREMENTS ARE CONTAINED IN THE "PFILES", I.E., THE FILES HAVING NAMES ENDING IN THE LETTER "P".	A Y P

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
*GS920783117412.025	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: JUNE 19-25, JUNE 27-29, 1992 ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	06/19/92-06/29/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
*GS920883117412.026	SEISMIC AFTERSHOCK RECORDINGS OF THE LITTLE SKULL MOUNTAIN EARTHQUAKE OF JUNE 29, 1992 (M=5.6) ACQN/DEVL LOCATION : 36 43.1'N 116 16.35'W AREA 25 NTS AROUND EPICENTER COORDINATES GIVEN	06/30/92-07/14/92	DEPLOYMENT OF PORTABLE SEISMOGRAPHS	A Y P
*GS920883117412.027	SEISMIC AFTERSHOCK RECORDINGS OF THE LITTLE SKULL MOUNTAIN EARTHQUAKE OF JUNE 29, 1992 (M=5.6) ACQN/DEVL LOCATION : AREA 25 NTS AROUND EPICENTER, 36 43.1'N 116 16.35'W	06/30/92-07/14/92	DEPLOYMENT OF PORTABLE SEISMOGRAPHS	A Y P
*GS920883117412.028	THE LITTLE SKULL MOUNTAIN EARTHQUAKE OF JUNE 29, 1992 - PRELIMINARY REPORT ACQN/DEVL LOCATION : UNRSL RENO USGS/BGRA	07/17/92-07/22/92	PRELIMINARY INTERPRETATION OF SEISMOLOGICAL DATA.	D Y C
*GS920983117412.029	SEISMIC AFTERSHOCK RECORDINGS OF THE LITTLE SKULL MOUNTAIN EARTHQUAKE OF JUNE 29, 1992 (M=5.6) ACQN/DEVL LOCATION : AREA 25, NTS, AROUND EPICENTER, 36 43.1N 116 16.35W	07/15/92-08/05/92	DEPLOYMENT OF PORTABLE SEISMOGRAPHS	A Y P

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920983117412.032	SEISMICITY AND FOCAL MECHANISMS FOR THE SOUTHERN GREAT BASIN OF NEVADA AND CALIFORNIA: 1987 THROUGH 1989 BY S.C. HARMSSEN AND C.G.BUFE	01/01/90-02/13/91	FOCAL MECHANISMS FROM THIRTY-ONE SGB EARTHQUAKES ARE PRESENTED IN THIS REPORT. PRELIMINARY HYPOCENTER LISTINGS AND SEISMICITY DATA ANALYSIS FROM DATA COLLECTED BY THE SGBSN FOR THE PERIOD AUGUST 1978 THROUGH DECEMBER 1986 ARE PRESENTED IN ROGERS AND OTHERS (1987) AND HARMSSEN AND ROGERS (1987). THIS REPORT IS AN ADDENDUM/UPDATE TO THOSE REPORTS.	D N P
ACQN/DEVL LOCATION : USGS/BGRA				
Activity - 8.3.1.17.4.2.1				
GS900983117421.001	STRATIGRAPHIC AND VOLCANO-TECTONIC RELATIONS OF CRATER FLAT TUFF AND SOME OLDER VOLCANIC UNITS, NYE COUNTY, NEVADA.	01/01/78-12/31/82	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : CRATER FLAT, NTS				
GS900983117421.002	PRELIMINARY ANALYSIS OF GEOPHYSICAL LOGS FROM DRILL HOLE UE-25P#1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.	01/01/83-12/31/83	USGS STANDARD COLLECTION METHOD.	D N C
ACQN/DEVL LOCATION : UE-25P-1				
GS900983117421.003	THIS REPORT SUMMARIZES A RECONNAISSANCE STUDY OF LATE CENOZOIC FAULTING IN THE VICINITY OF YUCCA MOUNTAIN. DATA AND PRELIMINARY CONCLUSIONS ARE PRESENTED.	01/01/78-12/31/83	USGS STANDARD COLLECTION METHOD.	D N C
ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA, NTS				

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
*SNF12000000001.000	PRELIMINARY MAPPING OF SURFICIAL GEOLOGY OF MIDWAY VALLEY, YUCCA MOUNTAIN PROJECT, NYE COUNTY, NEVADA ACQN/DEVL LOCATION : MIDWAY VALLEY, NYE COUNTY, NV	05/01/89-07/31/91	EXPERIMENT PROCEDURE (EP) 0001, REVISION B: GEOLOGIC SURFACE MAPPING NEAR THE PROSPECTIVE SURFACE FACILITIES	A Y C
Activity - 8.3.1.17.4.3				
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
Activity - 8.3.1.17.4.3.1				
GS910983117431.002	LINEAMENTS STUDIES FOR QUATERNARY AND LATE TERTIARY DEPOSITS. ACQN/DEVL LOCATION : WALKER LAKE	03/01/87-03/31/87	USGS STANDARD COLLECTION METHOD.	A N C
GS911083117431.001	RECONNAISSANCE FIELD CHECKING OF INTERPRETATIONS OF AERIAL PHOTOGRAPHS FOR THE PURPOSE OF SCOPING STUDIES. ACQN/DEVL LOCATION : 36 30'N 116 30'W ;38 00'N 117 00'W 38 00'N 118 15'W ;36 30'N 117 00'W	03/16/87-03/28/87	USGS-GP-01	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS911283117431.003	ORIGINAL DATA FILES WITH GAPS AND SOME INCORRECT LOCATIONS. ALSO DATA FILES WITH GAPS FILLED IN AND ERRORS CORRECTED FOR AEROMAGNETIC SURVEY OF LATHROP WELLS AREA.  ACQN/DEVL LOCATION : 37 00'N 116 45'W ;36 15'N 116 05'W	06/01/78-06/30/78	USGS STANDARD COLLECTION METHODS	A N C
*GS920883117431.001	AERIAL PHOTOGRAPHIC INTERPRETATION OF LINEAMENTS AND FAULTS IN LATE CENOZOIC DEPOSITS IN THE EASTERN PART OF THE BENTON RANGE 1:100,000 QUADRANGLE AND THE GOLDFIELD, LAST CHANCE RANGE, BEATTY AND DEATH VALLEY JUNCTION 1:100,000 QUADRANGLES, NEVADA AND CALIFORNIA BY MARITH C. REHEIS AND JAY S. NOLLER  ACQN/DEVL LOCATION : USGS, DENVER	01/01/88-05/25/89	THIS REPORT SUMMARIZES THE EXISTING KNOWLEDGE ABOUT THE LINEAMENTS AND FAULTS BASED ON EXTENSIVE AERIAL-PHOTO INTERPRETATION, LIMITED FIELD INVESTIGATIONS, AND PUBLISHED GEOLOGIC MAPS.	D N P
Activity - 8.3.1.17.4.3.5				
GS900983117435.001	DATA ON THREE MAJOR STRUCTURAL-PHYSIOGRAPHIC SUBSECTIONS OF THE YUCCA MOUNTAIN AREA.  ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA, NTS	01/01/77-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.4				
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			
Activity - 8.3.1.17.4.4.1				
GS900983117441.001	GEOLOGY OF FAULTS EXPOSED IN TRENCHES IN CRATER FLAT, NYE COUNTY, NEVADA.	01/01/78-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : CRATER FLAT, NTS			
GS910983117441.002	FIELD NOTES AND ACCOMPANYING LOCALITY MAPS OR AIRPHOTOS COLLECTED DURING PRE STOP WORK ACTIVITIES, OR DURING FIELD TRIPS, DATA REVIEWS, OR RECONNAISSANCE TRIPS TO THE YUCCA MOUNTAIN AREA, FROM LATE 1983 TO PRESENT.	10/01/83-09/17/91	USGS STANDARD COLLECTION METHODS.	A N P
	ACQN/DEVL LOCATION : YUCCA MTN AREA			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910983117441.003	ORIGINAL FIELD SHEETS AT A SCALE OF APPROXIMATELY 1:20 OF THE TRENCH LOGS FOR A FAULT TRENCH LOCATED AT THE NORTH END OF THE ROCK VALLEY FAULT, SOUTH OF FRENCHMAN FLAT.  ACQN/DEVL LOCATION : ROCK VALLEY	01/01/84-12/31/84	USGS STANDARD COLLECTION METHODS.	A N P
GS910983117441.004	TRAVEL-TIME PLOTS AND DETAILED LOCALITY MAPS FOR EACH OF THE LINES RELATED TO APPROXIMATELY 40 SHALLOW SEISMIC REFRACTION PROFILES (SLEDGE-HAMMER SOURCE) THAT WERE COLLECTED FROM THE ROCK VALLEY, 40 MILE WASH, WINDY WASH, AND BEATTY AREAS TO LOOK FOR SUBSURFACE EVIDENCE OF FAULTING ACROSS SUSPECTED FAULT ZONES.  ACQN/DEVL LOCATION : 40 MILE WASH BEATTY ROCK VALLEY WINDY WASH	01/01/85-12/31/86	USGS STANDARD COLLECTION METHOD	A N P



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.6				
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			
Activity - 8.3.1.17.4.6.1				
GS900983117461.001	PRELIMINARY STUDY OF QUATERNARY FAULTING ON THE EAST SIDE OF BARE MOUNTAIN, NYE COUNTY, NEVADA.	06/01/85-06/30/85	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : BARE MOUNTAIN AND CRATER FLAT, NTS			
*GS920783117461.001	FIELD MEASUREMENTS AND OBSERVATIONS AND STRUCTURAL INTERPRETATIONS FROM AERIAL PHOTOGRAPHS OF THE YUCCA MOUNTAIN AREA.	03/12/91-05/10/91	GP-01, GEOLOGIC MAPPING	A Y P
	ACQN/DEVL LOCATION : 36 44'N 116 31'W ;36 55' 10"N 116 23'W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920783117561.002	PHOTOGEOLOGIC AND KINEMATIC ANALYSIS OF LINEAMENTS AT YUCCA MOUNTAIN, NEVADA: IMPLICATIONS FOR STRIKE-SLIP FAULTING AND OROCLINAL BENDING, BY J.M. O'NEILL, J.W. WHITNEY, & M.R. HUDSON.	03/19/91-12/13/91	PHOTOGEOLOGIC AND KINEMATIC ANALYSIS	D Y P
	ACQN/DEVL LOCATION : USGS, DENVER			
Activity - 8.3.1.17.4.6.2				
*GS920883117462.001	K.S. KELLOG'S FIELD NOTES CONCERNING DEATH VALLEY AND FURNACE CREEK FAULTS.	01/01/69-03/31/89	FIELD NOTES AND WORK PERFORMED TO STANDARD USGS PROCEDURES	A N P
	ACQN/DEVL LOCATION : 35 00'N 119 00'W 38 00'N;116 00'W			
*GS920983117462.002	LATE QUATERNARY FAULTING ALONG THE DEATH VALLEY-FURNACE CREEK FAULT SYSTEM, CALIFORNIA AND NEVADA BY GEORGE E. BROGAN, KARL S. KELLOGG, D. BURTON SLEMMONS, AND CHRISTINA L. TERHUNE. MAP SCALE 1:62,500.	03/01/89-04/15/91	VERIFICATION, REVISION, AND CONDENSATION OF TEXT AND MAP BASED ON AERIAL PHOTOGRAPHS AND FIELD NOTES. COMPARISON OF SCARP HEIGHTS, HORIZONTAL OFFSET OF STREAM CHANNELS AND AGES OF GEOMORPHIC SURFACES.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER USGS, MENLO PARK			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
Activity - 8. 1.17.4.7				
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS				
Activity - 8.3.1.17.4.7.1				
GS900983117471.001	AN EVALUATION OF SEISMIC REFLECTION IN THE YUCCA MOUNTAIN AREA, NEVADA TEST SITE.	01/01/72-12/31/82	MULTIFOLD CDP RECORDINGS.	D N C
ACQN/DEVL LOCATION : USGS				
GS910683117471.002	PRIMARY FIELD DATA FOR TELESEISMIC TOMOGRAPHY OF THE YUCCA MOUNTAIN AREA AND SOUTHERN NEVADA.	01/01/82-12/31/82	SP-07	A N P
ACQN/DEVL LOCATION : 40 MILE CANYON I BEATTY WASH H BUFFER 4 BUGGY J CALICO HILLS FAN D CAVE 5 JACKASS FLATS #1 PANAMA MINE SITE PINYON PASS G SAND BOX 9 THE PROWE E THOMPSON MINE TIMBER MOUNTAIN K WASHINGTON MOUNTAIN F				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	YUCCA MOUNTAIN EAST #2 YUCCA MOUNTAIN WEST #3			
GS911083117471.003	PRINCIPAL DIGITAL SEISMOGRAM DATA SET. UNIX.9-TRACK "TAR" TAPES OF UW FORMAT (PDP 11/70) DIGITAL SEISMOGRAMS AND ASCII PICK FILES FOR PROCESSED, MERGED TELESEISMS. PROCESSED FORM OF THE DATA IN GS910683117471.002.  ACQN/DEVL LOCATION : MENLO PARK LABS, USGS	04/01/82-06/30/82	NWM-USGS-SP-07	A N P
GS911083117471.004	"WAT" PROGRAM HARD COPY DOCUMENTING PICK LOCATIONS AND QUALITY IN EVERY SEISMOGRAM USED FOR FINAL DATA SET OF 1982. CONNECTED TO GS911083117471.003  ACQN/DEVL LOCATION : MENLO PARK LABS, USGS	04/01/82-06/30/82	NWM-USGS-SP-07	A N P
GS911083117471.005	PRE 1982 TELESEISMIC DATA SET SUPPORTING M.E. MONFORT AND J.R. EVANS "THREE DIMENSIONAL MODELING OF THE NEVADA TEST SITE AND VICINITY, FROM TELESEISMIC P-WAVE RESIDUALS" AND ALSO USED IN 1982 DATA INVERSIONS.  ACQN/DEVL LOCATION : MENLO PARK LABS, USGS.	01/01/80-12/31/80	NWM-USGS-SP-07	A N P
GS911083117471.006	1982 PORTABLE SEISMOGRAPH OPERATION FIELD NOTES AND GENERAL NOTES. THESE DATA SUPPORT TELESEISMIC TOMOGRAPHY OF THE YUCCA MOUNTAIN AREA WITH A DENSE ARRAY WITHIN 15 KM OF YUCCA MOUNTAIN AND A COARSER REGIONAL ARRAY. THE DENSE ARRAY INCLUDES DATA FROM PORTABLE INSTRUMENTS UNIQUE TO THIS DATA SET; THE COARSE ARRAY DUPLICATES THE REGIONAL PERMANENT NETWORK, BUT DEVELOPS THE DATA IN A DIFFERENT WAY.	04/01/82-06/30/82	NWM-USGS-SP-07	A N P

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	ACQN/DEVL LOCATION : MENLO PARK LABS, USGS.			
GS911083117471.007	"DISTAZRES" PROGRAM (SOFTWARE) INPUT AND OUTPUT - CALCULATION OF RELATIVE RESIDUALS. ALSO, STATISTICS AND DEBUGGING OF THESE DATA ("RSTATS" AND "RST" SOFTWARE OUTPUTS) AND DR-100 CLOCK CALIBRATION DATA AND COMPUTATIONS.	04/01/82-06/30/82	NWM-USGS-SP-07	A N P
	ACQN/DEVL LOCATION : MENLO PARK LABS, USGS.			
GS911083117471.008	CORE DATA SET. FIELD STATION LOCATION MAPS; SMOKE DRUM MONITORS OF PORTABLE DEPLOYMENT; SUN 3/50 "TAR" TAPES OF CRITICAL DATA, LESS SEISMOGRAMS, AND INVERSION RESULTS; QUALITY DEMONSTRATIONS; COLOR PLOTS OF INVERSION RESULTS; AND HARD COPY OF INVERSION RESULTS. THESE DATA SUPPORT TELESEISMIC TOMOGRAPHY OF THE YUCCA MOUNTAIN AREA WITH A DENSE ARRAY WITHIN 15 KM OF YUCCA MOUNTAIN AND A COARSER ARRAY.	04/01/82-06/30/82	NWM-USGS-SP-07	A N P
	ACQN/DEVL LOCATION : MENLO PARK LABS, USGS			
GS920183117471.001	TELESEISMIC TOMOGRAPHY OF THE YUCCA MOUNTAIN REGION: VOLCANIC AND TECTONISM	01/01/81-12/31/91	NWM-USGS-SP-07 GEOPHYSICS: TELESEISMIC P-RESIDUAL STUDY OF THE TECTONIC ENVIRONMENT.	D N P
	ACQN/DEVL LOCATION : USGS, MENLO PARK			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920283117471.002	VIBROSEIS AND EXPLOSIVE SOURCE SEISMIC REFLECTION DATA.  ACQN/DEVL LOCATION : T16S R49-52E	01/03/88-01/24/88	NWM-USGS-SP-10, R0	A N P
GS920283117471.003	FEASIBILITY STUDY OF THE SEISMIC REFLECTION METHOD IN THE AMARGOSA DESERT, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USGS	01/28/88-02/10/89	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCES WERE USED TO DEVELOP THIS REPORT.	D N P
GS920283117471.004	COMPARISON OF VIBROSEIS AND EXPLOSIVE SOURCE METHODS FOR DEEP CRUSTAL SEISMIC REFLECTION PROFILING IN THE BASIN AND RANGE PROVINCE.  ACQN/DEVL LOCATION : USGS	06/06/89-06/21/91	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCES WERE USED TO DEVELOP THIS ARTICLE	D Y P
*GS920283117471.005	SEISMIC REFLECTION PROFILING ACROSS TERTIARY EXTENSIONAL STRUCTURES IN THE EASTERN AMARGOSA DESERT, SOUTHERN NEVADA BASIN AND RANGE PROVINCE, USA, BY T.M. BROCHER, M.D. CARR, K.F. FOX, JR. AND P.E. HART  ACQN/DEVL LOCATION : USGS, MENLO PARK	09/22/89-05/14/92	ANALYSIS AND INTERPRETATION OF SEISMIC REFLECTION DATA. METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCE.	D N P

## SITE CHARACTERIZATION PLAN BASELINE

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TM000000000001.005	<p>PRIMARY FIELD DATA FOR TELESEISMIC TOMOGRAPHY OF THE YUCCA MOUNTAIN AND SOUTHERN NEVADA. MAG TAPES FROM NTS TELESEISMIC EXPERIMENT.</p> <p>ACQN/DEVL LOCATION : 40 MILE CANYON #I  BEATTY WASH #84  BUFFER #4  BUGGY #J  CALICO HILLS FAN #D  CAVE #5  JACKASS FLAT #1  PANAMA MINE SITE  PINON PASS #G  PROWE #E  SAND BOX #9  THOMPSON MINE #6  WASHINGTON MOUNTAIN #F  YUCCA MOUNTAIN EAST #2  YUCCA MOUNTAIN WEST #3</p>	01/01/82-12/31/82	AUTOMATIC RECORDING EQUIPMENT.	A N P
Activity - 8.3.1.17.4.7.2				
GS900983117472.001	<p>A NEW GRAVITY CALIBRATION LOOP HAS BEEN ESTABLISHED IN SOUTHERN NEVADA IN SUPPORT OF USGS RESPONSIBILITY TO NNWSI. THE PURPOSE OF THE LOOP IS TO PROVIDE ACCURATELY KNOWN OBSERVED GRAVITY VALUES OVER THE GRAVITY RANGE FOUND IN SOUTHERN NEVADA, TO PERIODICALLY TEST THE PERFORMANCE OF THE GRAVITY METERS, AND TO CHECK OR ADJUST THEIR CALIBRATION FACTORS.</p> <p>ACQN/DEVL LOCATION : CHARLESTON PEAK AND INDIAN SPRINGS, NEVADA</p>	01/01/79-12/31/79	USGS STANDARD COLLECTION METHODS.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900983117472.002	A TOTAL OF 211 RECENTLY ESTABLISHED GRAVITY STATIONS SUPPLEMENT 128 EXISTING STATIONS IN PROVIDING DATA FOR A DETAILED GRAVITY INTERPRETATION OF THE CALICO HILLS AREA OF THE NEVADA TEST SITE.  ACQN/DEVL LOCATION : CALICO HILLS, NTS	01/01/79-12/31/79	USGS STANDARD COLLECTION METHODS.	D N C
GS900983117472.003	EXPLORATION FOR A NUCLEAR WASTE REPOSITORY RESULTED IN THE ADDITION OF 423 NEW GRAVITY STATIONS TO THE 934 EXISTING STATIONS TO FORM THE DATA BASE FOR THIS STUDY. PRELIMINARY RESULTS OF GRAVITY INVESTIGATIONS AT YUCCA MOUNTAIN, AND VICINITY, SOUTHERN NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : 36 35'N 116 48'W 37 00'N 116 18'W	01/01/79-12/31/81	USGS STANDARD COLLECTION METHODS.	D N C
GS900983117472.004	THREE GRAVITY PROFILES AND PRINCIPAL FACTS OF 2,604 GRAVITY STATIONS IN THE SOUTHWEST QUADRANT OF THE NEVADA TEST SITE ARE DOCUMENTED IN THIS DATA REPORT.  ACQN/DEVL LOCATION : SOUTHWEST QUADRANT OF THE NTS	01/01/78-12/31/81	USGS STANDARD COLLECTION METHODS.	D N C
GS900983117472.005	1977-1978 GRAVITY AND AEROMAGNETIC SURVEYS OF THE TIMBER MOUNTAIN REGION, SOUTHERN NEVADA, HAVE REVEALED NEW DETAILS OF SUBSURFACE STRUCTURE AND LITHOLOGY. THE DATA SHOWS DEFORMATION CAUSED BY VOLCANIC EVENTS, ROCK UNITS MAY HAVE BEEN ALTERED AND THAT PART OF SILENT CANYON CALDERA MAY UNDERLIE MUCH OF TIMBER MOUNTAIN.  ACQN/DEVL LOCATION : USGS	01/01/81-12/31/81	USGS STANDARD METHODS AND LIBRARY RESEARCH.	D N C



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F T Y P E	Q U A L I T Y P E D
Activity - 8.3.1.17.4.7.3					
GS900983117472.005	1977-1978 GRAVITY AND AEROMAGNETIC SURVEYS OF THE TIMBER MOUNTAIN REGION, SOUTHERN NEVADA, HAVE REVEALED NEW DETAILS OF SUBSURFACE STRUCTURE AND LITHOLOGY. THE DATA SHOWS DEFORMATION CAUSED BY VOLCANIC EVENTS, ROCK UNITS MAY HAVE BEEN ALTERED AND THAT PART OF SILENT CANYON CALDERA MAY UNDERLIE MUCH OF TIMBER MOUNTAIN.	01/01/81-12/31/81	USGS STANDARD METHODS AND LIBRARY RESEARCH.	D	N C
ACQN/DEVL LOCATION : USGS					
GS900983117473.001	INVESTIGATION OF AN AEROMAGNETIC ANOMALY ON WEST SIDE OF YUCCA MOUNTAIN, NYE COUNTY, NEVADA.	01/01/82-12/31/83	USGS STANDARD COLLECTION METHODS.	N	C
ACQN/DEVL LOCATION : WEST SIDE OF YUCCA MOUNTAIN, NTS					
Activity - 8.3.1.17.4.7.5					
GS900983117475.001	OBSERVATIONS MADE DURING DRILLING AND SUBSEQUENT TESTING OF THE USW G-1 DRILL HOLE, YUCCA MOUNTAIN, NEVADA, PROVIDE QUALITATIVE INSIGHTS INTO THE IN-SITU GEOMECHANICAL CHARACTERISTICS OF THE LAYERED TUFF UNITS PENETRATED BY THE HOLE.	12/01/81-12/31/81	HYDRAULIC FRACTURING STRESS MEASUREMENTS TESTING.	D	N C
ACQN/DEVL LOCATION : 36 52'N 116 27'30"W					

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900983117475.002	PRELIMINARY ANALYSIS OF GEOPHYSICAL LOGS FROM THE WT SERIES OF DRILL HOLES, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.	01/01/83-12/31/84	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : WT SERIES DRILL HOLES, NTS			
Activity - 8.3.1.17.4.8				
**GS90098314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			
Activity - 8.3.1.17.4.8.2				
GS900983117482.001	COMPARISON OF SURVEY AND PHOTOGRAMMETRY METHODS TO POSITION GRAVITY DATA, YUCCA MOUNTAIN, NEVADA.	01/01/83-12/31/85	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA, NTS			

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F T Y P E E	Q U A L I T Y P E D
Activity - 8.3.1.17.4.9					
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N C
ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS					
Activity - 8.3.1.17.4.9.1					
GS900983117491.001	URANIUM-THORIUM DATING OF QUATERNARY CARBONATE ACCUMULATIONS IN THE NEVADA TEST SITE REGION, SOUTHERN NEVADA.	01/01/77-12/31/78	USGS STANDARD COLLECTION METHODS.	D	N T
ACQN/DEVL LOCATION : USGS					

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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Activity - 8.3.1.17.4.10.3				
*GS920931174103.001	FIRST AND THIRD ORDER GEODETIC LEVELING DATA FROM THREE SURVEYS IN THE TONOPAH JUNCTION/LAS VEGAS, NEVADA AREA 1907, 1915, & 1980-85	01/01/07-12/31/85	THE 1907 LEVELING DATA WERE ACQUIRED BY THE U.S. GEOLOGICAL SURVEY USING STANDARD USGS PROCEDURES. THE 1915 AND 1980-1985 FIRST ORDER LEVELINGS WERE PERFORMED BY THE NATIONAL GEODETIC SURVEY FOR THE 11 LINES USING OBSERVATION AND BENCH MARK DESIGNATIONS.	A N P
ACQN/DEVL LOCATION : 36 00'N 117 00'W ;37 00'N 115 00'W				
*GS920931174103.002	GEODETIC LEVELING DATA USED TO DEFINE HISTORICAL HEIGHT CHANGES BETWEEN TONOPAH JUNCTION AND LAS VEGAS, NEVADA BY THOMAS D. GILMORE	01/01/87-08/03/92	PROFILE HISTORICAL HEIGHT CHANGES BASED ON D N P COMPARISONS OF REPEATED GEODETIC LEVELINGS ALONG THE SURVEY ROUTE. STANDARD USGS METHODOLOGY. COMPUTER PROGRAMS PROCESSED VERTICAL CONTROL DATA FROM TWO SOURCES: DIGITAL FILES FROM THE NATIONAL GEODETIC SURVEY AND HANDWRITTEN SUMMARY BOOKS FROM U.S. GEOLOGICAL SURVEY NATIONAL MAPPING DIVISION ARCHIVES.	D N P
ACQN/DEVL LOCATION : USGS MENLO PARK				

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.11				
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			
Activity - 8.3.1.17.4.12				
**GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.12.1				
GS910931174121.001	GEOLOGIC MAP OF THE BARE MOUNTAIN, NYE COUNTY, NEVADA QUADRANGLE.	01/01/65-01/01/84	STANDARD GEOLOGIC FIELD MAPPING METHODS. SOME OF THE DATA INVOLVED DATES BACK TO THE 1960'S.	D N P
	ACQN/DEVL LOCATION : BARE MOUNTAIN, NEVADA.			
Activity - 8.3.5.4.1.1				
LLLLYMP9107104.000	SPENT FUEL HARDWARE ACTIVITIES AS A FUNCTION OF TIME (TO 1,000,000 YEARS)	10/01/89-09/30/90	CALCULATIONAL.	D N C
	ACQN/DEVL LOCATION : PNL			
Activity - 8.3.5.10.2.1				
LLLLYMP9011018.000	RADIOCHEMICAL DATA FROM SPENT FUEL DISSOLUTION TESTS AT PNL (SERIES 2: CYCLES 3, 4 AND 5 AND SERIES 3.	08/01/85-08/31/87	RADIOCHEMICAL, CHEMICAL ANALYSES OF J-13 WATER FOLLOWING SATURATED SEMISTATIC DISSOLUTION TESTS WITH BARE AND CLAD SPENT FUEL AT 25 DEGREES AND 85 DEGREES C. ALSO, ANALYSES OF THE SPENT FUEL FOLLOWING THE TESTING.	A Y C
	ACQN/DEVL LOCATION : LLNL			
LLLLYMP9104034.000	UPPER LIMIT STEADY-STATE CONCENTRATIONS OF RADIONUCLIDES IN J-13 WATER. CALCULATIONS ARE FROM DATA REPORTED IN PNL 7169 AND PNL 7170, AND IN RECORD PACKAGES LLYMP9004172 AND LLYMP8908147.	05/01/87-06/30/90	LABORATORY MEASUREMENTS OF STEADY STATE CONCENTRATIONS.	D N C
	ACQN/DEVL LOCATION : LLNL			

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
LLLLYMP9110169.000	RATE OF GRAIN VOLUME FRONT PROPAGATION UO(2) TO U(4)O(9) AND ACTIVATION ENERGY FOR THIS RATE.  ACQN/DEVL LOCATION : PNL	10/01/90-09/30/91	OPTICAL AND SCANNING ELECTRON MICROSCOPY (SEM) .	D Y C
Activity - 8.3.5.10.2.2				
LLLLYMP9108066.000	RATES OF NUCLEAR WASTE GLASS ALTERATION CAUSED BY DRIPPING GROUNDWATER INTO WASTE FORM AT 90 C, INCLUDES TABLE AT ALL SECONDARY PHASES IDENTIFIED.	02/01/84-09/01/91	THE NUCLEAR WASTE GLASS IS CONTACTED EVERY 3.5 DAYS BY 0.075 DROPS AT J-13 WELL WATER THAT WAS PRE-EQUILIBRATED WITH TONOPAH SPRINGS TUFF AT 90 C. THE DRIP TEST IS ALSO PERFORMED AT 90 C. ELEMENTAL RELEASE FROM THE GLASS (REPORTED HERE) IS DETERMINED BY CHEMICAL ANALYSES AT THE WATER THAT HAS CONTACTED THE GLASS. THE SURFACE ALTERATION PRECIPITATES ARE CHARACTERIZED BY SEVERAL METHODS INCLUDING SCANNING AND ANALYTICAL ELECTRON MICROSCOPY.	A Y C
ACQN/DEVL LOCATION : LLNL				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD		
Activity - 8.3.5.10.3.2					
LLLLYMP9103103.000	LIST OF SPECIES IN AND FORMAT OF THE EQ3/6 (GEMBOCHS) DATA BASE (A PART OF THE YMP TDB).  ACQN/DEVL LOCATION : LLNL	01/01/82-02/28/91	LIST OF CHEMICAL SPECIES IN THE EQ3/6 DATABASE AND THEIR FORMAT.	D	Y C
Activity - 8.3.5.10.5.2					
LLLLYMP9104035.000	LABORATORY DETERMINED SUCTION POTENTIAL OF TOPOPAH SPRINGS TUFF AT HIGH TEMPERATURES.  ACQN/DEVL LOCATION : LLNL	01/01/81-12/13/89	LABORATORY MEASUREMENTS OF SUCTION POTENTIAL.	D	N C
LLLLYMP9108114.000	TWO PHASE FLOW MEASUREMENTS CONTAINED ON RECORD PACKAGE LLYMP9107074 (MAGNETIC TAPE).  ACQN/DEVL LOCATION : LLNL	01/01/84-05/31/91	TWO PHASE FLOW MEASUREMENTS MADE USING LLNL COMPUTER CONTROLLED TEST APPARATUS.	A	N P
LLLLYMP9109192.000	DISSOLUTION AND PRECIPITATION KINETICS OF GIBBSITE AT 80 DEGREES C AND PH3: THE DEPENDENCE ON SOLUTION SATURATION STATE.  ACQN/DEVL LOCATION : YALE UNIVERSITY	10/01/89-09/30/90	LABORATORY WET CHEMISTRY.	D	N C



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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.5.12.2.1				
SNL19000000001.000	"SUBMITTAL OF LOGBOOK FOR POINT SOURCE MILLER SCALING EXPERIMENTS" WITH COVER LETTER.  ACQN/DEVL LOCATION : SNL	02/16/90-04/19/90	POINT SOURCE MILLER SCALING EXPERIMENTS: LOGBOOK PAGE 1 (51/L19-1/15/90).	D N P
SNL19000000002.000	"SUBMITTAL OF LOGBOOK FOR POINT SOURCE MILLER SCALING EXPERIMENTS" WITH COVER LETTER.  ACQN/DEVL LOCATION : SNL	02/16/90-04/19/90	POINT SOURCE MILLER SCALING EXPERIMENTS: LOGBOOK PAGE 1 (51/L19-1/15/90).	A N P
SNL19000000003.000	"SUBMITTAL OF LOGBOOK FOR POINT SOURCE MILLER SCALING EXPERIMENTS," WITH COVER LETTER.  ACQN/DEVL LOCATION : SNL	04/19/90-06/29/90	POINT SOURCE MILLER SCALING EXPERIMENTS: LOGBOOK PAGE 1 (51/L19-1/15/90).	A N P
Activity - 8.3.5.12.2.1.1				
*SNL19000000004.000	TITLE/DESCRIPTION OF DATA: EVALUATION OF X-RAY ABSORPTION AND TRANSMITTED LIGHT AS FULL-FIELD, TWO-DIMENSIONAL MOISTURE-SENSING TECHNIQUES. EXPERIMENTS CONDUCTED BY V.C. TIDWELL AND R.J. GLASS; ASSISTED BY L. OREAR AND C.W. GINN. EXPERIMENT TITLES: 1) CALIB: GENERAL EXPERIMENT PROCEDURE, COMPILATION OF COMPUTER CODES FOR DATA ACQUISITION-DATA ADJUSTMENT, SCALING, AND ANALYSIS; 2) CALIB 1: DATA FOR THE 0.42 - 0.30 MM SAND; 3) CALIB 2: DATA FOR THE 0.42 - 0.32 MM SAND; 4) CALIB 3: DATA FOR THE 0.59 - 0.21 MM SAND; 5) CALIB 4: DATA FOR THE 0.84 - 0.149 MM SAND.  ACQN/DEVL LOCATION : SNL	05/05/91-08/31/91	IN BOTH THE X-RAY AND LIGHT TECHNIQUES, ELECTROMAGNETIC ENERGY IN THE FORM OF EITHER X-RAYS OR VISIBLE LIGHT IS PASSED THROUGH THE TEST MEDIA, AND THE MOISTURE-CONTENT DISTRIBUTION INTEGRATED OVER THE MEDIA'S THICKNESS IS MEASURED AS VARIATIONS IN THE TRANSMITTED X-RAY OR LIGHT INTENSITY FIELD.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.5.12.2.2				
SNL19000000001.000	"SUBMITTAL OF LOGBOOK FOR POINT SOURCE MILLER SCALING EXPERIMENTS" WITH COVER LETTER. ACQN/DEVL LOCATION : SNL	02/16/90-04/19/90	POINT SOURCE MILLER SCALING EXPERIMENTS: LOGBOOK PAGE 1 (51/L19-1/15/90).	D N P
SNL19000000002.000	"SUBMITTAL OF LOGBOOK FOR POINT SOURCE MILLER SCALING EXPERIMENTS" WITH COVER LETTER. ACQN/DEVL LOCATION : SNL	02/16/90-04/19/90	POINT SOURCE MILLER SCALING EXPERIMENTS: LOGBOOK PAGE 1 (51/L19-1/15/90).	A N P
SNL19000000003.000	"SUBMITTAL OF LOGBOOK FOR POINT SOURCE MILLER SCALING EXPERIMENTS," WITH COVER LETTER. ACQN/DEVL LOCATION : SNL	04/19/90-06/29/90	POINT SOURCE MILLER SCALING EXPERIMENTS: LOGBOOK PAGE 1 (51/L19-1/15/90).	A N P

## SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F T Y P E	Q U A L I T Y I N D E X
GS910501236947.001	PORE-WATER EXTRACTION FROM UNSATURATED TUFFS USING ONE-DIMENSIONAL COMPRESSION/DATA AND NOTES FROM ONE-DIMENSIONAL TESTS.  ACQN/DEVL LOCATION : USGS	01/01/86-12/31/86	USGS STANDARD TEST METHODS.	D	N P
GS920212331210.001	PHYSICAL AND CHEMICAL DATA FROM 1 DIMENSION COMPRESSION OF ROCK CORES.  ACQN/DEVL LOCATION : G-TUNNEL DRIFTS UE-25 UZ #4 UE-25 UZ #5 UE-25 UZP #5 USW UZ-N46	01/18/88-09/05/91	HP-125, HP-223, HP-160 WERE USED TO COLLECT DATA AS WELL AS SOME PROCEDURES WHICH ARE BEING DEVELOPED.	A	N P
*SNF04000000001.000	G-TUNNEL PRESSURIZED SLOT-TESTING DATA  ACQN/DEVL LOCATION : G-TUNNEL UNDER GROUND FACILITY, NTS	12/09/85-04/29/88	TEST PLAN: G-TUNNEL PRESSURIZED SLOT TESTING; FEBRUARY 1986; SNL KEYSTONE DOCUMENT 6310-85-6	A	N C
*SNF20000000001.000	MISTY ECHO TUNNEL DYNAMICS EXPERIMENT DATA REPORT VOLUME I, VOLUME II  ACQN/DEVL LOCATION : "N" TUNNEL, NTS	12/10/88-12/10/88	DATA WAS ACQUIRED BY VARIOUS GEOTECHNICAL MEASUREMENT METHODS, AND BY RECORDING VISUAL IMAGES ON HIGH SPEED CAMERAS. SEE SAND89-0972 FOR DETAILED DESCRIPTION	A	N C

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SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SNL02000000001.000	LINEAR CUTTING TEST RESULTS FOR CUTTER 84HCT. ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
SNL02000000002.000	LINEAR CUTTING TEST RESULTS FOR CUTTER AM1723. ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
SNL02000000003.000	LINEAR CUTTING TEST RESULTS FOR CUTTER A30581. ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
SNL02000000004.000	LINEAR CUTTING TEST RESULTS FOR CUTTER SYS35. ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR TEST CUTTING/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
SNL02000000005.000	LINEAR CUTTING TEST SIEVE ANALYSIS RESULTS FOR CUTTER 84HCT ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANIC INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
SNL02000000006.000	LINEAR CUTTING TEST FOR SIEVE ANALYSIS RESULTS FOR CUTTER AM1723 ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C

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## SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SNL02000000007.000	LINEAR CUTTING TEST SIEVE ANALYSIS RESULTS FOR CUTTER A30581  ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
SNL02000000008.000	LINEAR CUTTING TEST SIEVE ANALYSIS RESULTS FOR CUTTER SYS35  ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL OR ELECTRONIC	A N C
SNL02000000009.000	LINEAR CUTTER MACHINE LABORATORY LOGBOOKS (3)  ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
*SNL03000000002.000	DETERMINATION OF DRY BULK DENSITIES AND GRAIN DENSITIES USED IN SUPPORT OF HYDROLOGIC CALCULATIONS AND IN POROSITY AND SATURATION CALCULATIONS.  ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	07/07/82-10/21/83	DATA COLLECTED USING A PCYNOMETER. BULK DENSITY WAS CALCULATED BY DETERMINING THE VOLUME OF CORE AND WEIGHT ( $D=M/V$ ). THE POROSITY EQUATION IS $1-BULK$ DENSITY/PARTICLE DENSITY. THE PARTICLE DENSITY CALCULATION IS $P_P=P_W(W_S-W_A)$ $/[W_S-W_A)-(W_{SW}-W_W)]$ .	A N P
SNL05000000001.000	SATURATED HYDRAULIC CONDUCTIVITY DATA FROM KEYSTONE DOCUMENT 6310-85-10: APPENDIX "G".  ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	11/01/81-09/30/87	DATA OBTAINED BY MEASUREMENTS USING LIQUID PERMEAMETER AND SMALL CORES OF TUFF.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*SNL05000000002.000	DETERMINATION OF MATRIX SATURATED CONDUCTIVITIES AND FRACTURE SATURATED PERMEABILITIES IN SUPPORT OF HYDROLOGY CALCULATIONS ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	09/20/83-01/04/84	DATA COLLECTED USING A RUSKA LIQUID PERMEAMETER	A N P
*SNL05000000003.000	MEASUREMENTS OF SATURATED HYDRAULIC CONDUCTIVITIES FROM USW G-1, USW G-4 AND BUSTED BUTTE SAMPLES IN SUPPORT OF HYDROLOGIC CALCULATIONS AND TO DETERMINE PERMEABILITY VARIATION ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	09/01/84-09/30/84	DATA WAS COLLECTED USING A RUSK LIQUID PERMEAMETER AND A SAMPLE CHANGER (SC-10) PSYCHROMETER	A N P
*SNL05000000004.000	DETERMINATION OF SATURATED MATRIX PERMEABILITY IN SUPPORT OF HYDROLOGIC CALCULATIONS DATA USED FOR PRELIMINARY ESTIMATION OF HYDROLOGY OF UNITS ABOVE THE WATER TABLE ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	07/05/83-07/05/83	PERMEABILITY MEASUREMENTS WERE CONDUCTED ON WAFERS 3/4" (1.9CM) THICK - 2 1/8" (5.4CM) DIAMETER. THE SAMPLE WAS PLACED BETWEEN 2 METAL END CAPS AND JACKETED WITH SILICION RUBBER AND TEFLON TUBING. THE SAMPLE WAS THEN VACUUM SATURATED WITH WATER PROVIDED BY SANDIA AND THEN SATURATED SAMPLE WAS PLACED IN A PRESSURE VESSEL.	A N P
SNL07000000001.000	SATURATED BULK DENSITY DATA FROM KEYSTONE DOCUMENT 6310-85-10: APPENDIX "F". ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	11/01/81-09/30/87	DATA ACQUIRED BY WATER-DISPLACEMENT METHOD ON SATURATED SAMPLES OF TUFF.	A N P

## SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
*SNL07000000002.000	DETERMINATION OF WATER CHARACTERISTICS OF MATRIX FROM G-1 AND BUSTED BUTTE IN SUPPORT OF UNSATURATED HYDROLOGIC CALCULATIONS AND TO INVESTIGATE EXPERIMENTAL SATURATION PROCEDURES  ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	09/01/84-09/30/84	DATA COLLECTED USING A RUSKA LIQUID PERMEAMETER AND SC-10 PSYCHROMETER	A N P
SNL07000000003.000	MOISTURE RETENTION DATA FROM KEYSTONE DOCUMENT 6310-85-10: APPENDIX "H".  ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	11/01/81-09/30/87	DATA OBTAINED BY EQUILIBRATION OF TUFF SAMPLES WITH DIFFERENT RELATIVE HUMIDITY WHILE DETERMINING MOISTURE CONTENTS BY WEIGHING.	A N P

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SOCIOECONOMIC PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
TM000000000001.010	YUCCA MOUNTAIN PROJECT SOCIOECONOMIC MONITORING PROGRAM DATA REPORT, OCTOBER 1989 THROUGH DECEMBER 1989.  ACQN/DEVL LOCATION : T&MSS	10/01/89-12/31/89	MONITORING OF PROJECT CHARACTERIZATION AS DESCRIBED IN REVISION 1 OF THE SMMP	A N C
TM000000000001.011	YUCCA MOUNTAIN PROJECT SOCIOECONOMIC MONITORING PROGRAM DATA REPORT, JANUARY 1990 THROUGH MARCH 1990.  ACQN/DEVL LOCATION : T&MSS	01/01/90-03/31/90	MONITORING OF PROJECT CHARACTERIZATION AS DESCRIBED IN REVISION 1 OF THE SMMP	A N C
TM000000000001.012	YUCCA MOUNTAIN PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, APRIL 1990 THROUGH JUNE 1990.  ACQN/DEVL LOCATION : T&MSS	04/01/90-06/30/90	MONITORING OF PROJECT CHARACTERIZATION AS DESCRIBED IN REVISION 1 OF THE SMMP	A N C
TM000000000001.013	YUCCA MOUNTAIN PROJECT SOCIOECONOMIC MONITORING PROGRAM DATA REPORT, JUNE 1986 THROUGH SEPTEMBER 1989.  ACQN/DEVL LOCATION : T&MSS	06/01/86-09/30/89	MONITORING OF PROJECT CHARACTERIZATION AS DESCRIBED IN REVISION 1 OF THE SMMP.	A N C
TM000000000001.014	RAW DATA OF LAS VEGAS GAMING REVENUES AND TOURISM.  ACQN/DEVL LOCATION : T&MSS	02/01/90-02/01/90	STATISTICAL ANALYSIS OF HISTORIC CHANGES IN LAS VEGAS TOURISM AND GAMING REVENUE BASED ON SECONDARY DATA.	A N C



## SOCIOECONOMIC PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
TM0000000000001.016	YUCCA MOUNTAIN PROJECT SOCIOECONOMIC MONITORING PROGRAM, QUARTERLY DATA REPORT, JULY 1990 THROUGH SEPTEMBER 1990..	07/01/90-09/30/90	MONITORING OF PROJECT CHARACTERIZATION AS DESCRIBED IN REVISION 1 OF THE SMMP.	A N C
	ACQN/DEVL LOCATION : T&MSS			

## 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
8.3.1.2.2.1.1	Characterization of hydrological properties of surficial materials
8.3.1.2.2.1.2	Evaluation of natural infiltration
8.3.1.2.2.3.1	Matrix hydrologic properties testing
8.3.1.2.2.3.2	Site vertical borehole studies
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
8.3.1.2.2.9.3	Simulation of the natural hydrogeologic system
8.3.1.2.3.1.2	Site potentiometric-level evaluation

ACTIVITY NO.	ACTIVITY NAME
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
8.3.1.2.3.2.1	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 characterization
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
8.3.1.3.2.1.1	History of mineralogic and geochemical alteration of Yucca Mountain
8.3.1.3.2.3.2	Smectite, zeolite, manganese minerals, glass dehydration, and transformation
8.3.1.3.4.2	Biological sorption and transport
8.3.1.3.5.1.1	Solubility measurements
8.3.1.3.6.1.1	Crushed tuff column experiments
8.3.1.3.6.2.2	Diffusion through a saturated tuff slab
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
8.3.1.4.2.1.5	Magnetic properties and stratigraphic correlations
8.3.1.4.2.1.6	Integration of geophysical activities
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

ACTIVITY NO.	ACTIVITY NAME
8.3.1.4.2.2.3	Borehole evaluation of faults and fractures
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
8.3.1.5.1.1.1	Synoptic characterization of regional climate
8.3.1.5.1.3.1	Analysis of pack rat middens
8.3.1.5.1.3.3	Determination of vegetation-climate relationships
8.3.1.5.1.4.1	Modeling of soil properties in the Yucca Mountain region
8.3.1.5.1.4.3	Eolian history of the Yucca Mountain region
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
8.3.1.6.1.1.3	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
8.3.1.8.5.1.3	Field geologic studies
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
8.3.1.14.2.2.1	Physical property and index laboratory tests

<b>ACTIVITY NO.</b>	<b>ACTIVITY NAME</b>
8.3.1.15.1.1.1	Density and porosity characterization
8.3.1.15.1.2.1	Thermal expansion characterization
8.3.1.15.1.3.1	Compressive mechanical properties of intact rock at baseline experiment conditions
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
8.3.1.17.3.3.2	Select or develop empirical models for ground motion from underground nuclear explosions
8.3.1.17.3.5.1	Identify controlling seismic events
8.3.1.17.4.1.1	Compile historical earthquake record
8.3.1.17.4.1.2	Monitor current seismicity
8.3.1.17.4.1.3	Evaluate potential for induced seismicity at the site
8.3.1.17.4.2.1	Identify appropriate trench locations in Midway Valley
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
8.3.1.17.4.3.5	Evaluate structural domains and characterize the Yucca Mountain region with respect to regional patterns of faults and fractures
8.3.1.17.4.4.1	Evaluate the Rock Valley fault system

<b>ACTIVITY NO.</b>	<b>ACTIVITY NAME</b>
8.3.1.17.4.6.1	Evaluate Quaternary geology and potential 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
8.3.1.17.4.7.5	Evaluate surface geoelectric methods and plan potential application of these methods within the site area
8.3.1.17.4.8.2	Evaluate and test shallow borehold 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
8.3.1.17.4.9.1	Evaluate age and extent of tectonically stable areas at and near Yucca Mountain
8.3.1.17.4.10.3	Analyze existing releveled data, Yucca Mountain and vicinity
8.3.1.17.4.12.1	Evaluate tectonic processes and tectonic stability at the site
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
8.3.5.10.5.2	Radionuclide transport modeling in the near-field waste package environment
8.3.5.12.1.1	Application of results
8.3.5.12.2.1	Model development
8.3.5.12.2.1.1	Development of a theoretical framework for calculational models
8.3.5.12.2.2	Verification and validation

## APPENDIX B

### GEOLOGIC AND ENGINEERING MATERIALS: BIBLIOGRAPHY OF CHEMICAL SPECIES (GEMBOCHS) SPECIES AND DATA TYPES

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#### COMPOSITIONAL DATA FOR MINERALS, GASES, OR AQUEOUS SPECIES

Elemental Composition  
Common Name

#### REACTION DATA FOR AQUEOUS DISSOCIATION OF MINERALS, GASES, OR AQUEOUS SPECIES

Reaction Stoichiometry  
Equilibrium Constants  
Pressure, Temperature Conditions  
Standard Molal Gibbs Free Energies of Reaction  
Standard Molal Enthalpies of Reaction  
Standard Molal Entropies of Reaction  
Standard Molal Volumes of Reaction  
Standard Molal Heat Capacities of Reaction  
Parameter Units  
Literature References

#### THERMODYNAMIC DATA FOR MINERALS

Standard Molal Gibbs Free Energy of Formation  
Standard Molal Enthalpy of Formation  
Standard Molal Entropy at Reference Pressure (Pr) and Temperature (Tr)  
Standard Molal Volume at Pr, Tr  
Standard Molal Heat Capacity at Pr, Tr  
Molecular Weight  
Heat Capacity Coefficients  
Temperature Limits on Heat Capacity Coefficients  
Standard Molal Enthalpy of Transition  
Standard Molal Entropy of Transition  
Standard Molal Volume of Transition  
Clapeyron Slope  
Parameter Units  
Literature References

### THERMODYNAMIC DATA FOR GASES

Standard Molal Gibbs Free Energy of Formation  
Standard Molal Enthalpy of Formation  
Standard Molal Entropy at Pr, Tr  
Standard Molal Volume at Pr, Tr  
Standard Molal Heat Capacity at Pr, Tr  
Molecular Weight  
Heat Capacity Coefficients  
Temperature Limits on Heat Capacity Coefficients  
Parameter Units  
Literature References

### THERMODYNAMIC DATA FOR AQUEOUS SPECIES

Standard Molal Gibbs Free Energy of Formation  
Standard Molal Enthalpy of Formation  
Standard Molal Entropy at Pr, Tr  
Standard Molal Volume at Pr, Tr  
Standard Molal Heat Capacity at Pr, Tr  
Molecular Weight  
Equation-of-State Coefficients  
Debye-Huckel Parameters  
Ionic Charge  
Electronic Entropy  
Parameter Units  
Literature References



## APPENDIX C

### GEMBOCHS MODIFICATIONS AND ADDITIONS: 3rd QUARTER, 1992

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No modifications or additions were incorporated during this quarter

**APPENDIX D**  
**GEOGRAPHIC NODAL INFORMATION STUDY AND EVALUATION SYSTEM**  
**(GENISES) DATA CATEGORIES, TYPES AND ITEMS**

<b>CATEGORY</b>	<b>TYPE</b>	<b>ITEM</b>
Activities	Activity Level	Distribution of vehicle traffic in the Yucca Mountain area in FY91.
	Biologic	Location of raven survey observation and id.
		Location of small mammal traplines in support of biological studies.
	Biological	Location data for biological study areas.
	Disturbances	Pads and other disturbances located by photo interpretation.
	Ecological Sampling	Location and id of ecological sampling plots.
	Existing Activities	Existing coordinate information for monitoring stations, drill holes, pits, and trenches. Information includes elevation, activity type, activity id, prime user, location, contractor, date began, date completed, depth, and source.
	Facilities	Central Support area buildings, streets, sidewalks, and support areas for the Field Operating Center (FOC).
		G-Tunnel id and elevation.
		Location, area, type, and name of the Exploratory Studies Facility.

CATEGORY	TYPE	ITEM
		Ramp and drift subsurface access coordinates.
	Geoelectric	Area and type of geoelectric surveys.
		Length, sounding locations, and type of traverse.
	Geographic	Coordinate data for drillholes, pits, trenches, monitoring sites, and other surface/subsurface activities.
		Coordinates and elevation for benchmarks and survey reference points.
		Location coordinates for surface samples.
		Reported bottom coordinates for drillholes.
	Groundwater	Site id, elevation, and well depth for groundwater observation wells.
	Groundwater Recharge	Location, elevation, and station id for groundwater recharge monitoring stations.
	Proposed Activities	Proposed coordinate information for monitoring stations, drill holes, pits, and trenches. Information includes, activity type, activity id, prime user, location, and source.

CATEGORY	TYPE	ITEM
		Proposed scent station and routes.
		Proposed transect with length and id.
	Resistivity	Location of sounding.
	Seismic	Length, id, shot point locations for seismic refraction studies.
	Transportation	Roads, trails, railroads, airfields, pipelines, and transmission lines.
Administrative	Demographic	Populated places, census tract, and census block.
	Geographic	Gazetteer for Nevada and California.
	Land Ownership	Land status from map 1:100k.
	Land Withdrawal	BLM land withdraw areas. Includes boundaries, area, perimeters, and id.
	Mining Claims	Boundary, area, perimeter, and claim id.
	Political	Political and administrative boundaries.
	Public Land	Public Land Survey System. Township and range.
Biologic	Bats	Total captures of each bat species during mist-net sessions near Yucca Mountain.

CATEGORY	TYPE	ITEM
	Habitat	Distribution of disturbances inventories by vegetation association.
	Invertebrates	Average number of invertebrates by taxonomic group captured per study plot in black-light traps for each vegetation. Total number of invertebrates by taxonomic group collected from pitfall traps per study plot.
	Predators	Summary of operable stations, visits by predators, and visitations rates.
	Reptile	Number of individual reptiles captured on three plots during two consecutive week trap sessions in 1991.
	Small Mammals	<p>Number of individual Merriam's kangaroo rats and long-tailed pocket mice captured on the radiological monitoring small mammal plots, December 1990- July 1991. Number of individuals collected is in parentheses.</p> <p>Number of individual small mammals captured on ecological study plots from December 1990 to September 1991.</p>

CATEGORY	TYPE	ITEM
	Surveys	Results of the FY91 reactivity surveys for Yucca Mountain Site Characterization Program activities. Includes number of requests, number of sites, area, distance, tortoise sign, important plants, important biological resources, recommended altering activity, and post activity survey done.
	Tortoise	Biology id, study area, year, length, and presence of sign.  Date, type, and id of desert tortoise sightings.
	Ungulates	Deer forage species collected in July 1991 for analysis of radionuclide levels.
	Vegetation	Vegetation data reported as percent plant cover. Data collected 1989-1991.
Climate	Paleoclimate	Fossil woodrat midden location, date, and ids.  Paleoclimate temperature, precipitation, station id, and elevation.
	Precipitation	Maximum, minimum, and mean precipitation amounts at control and treatment environmental sampling plots for the four vegetation associations sampled between September 1990 to October 1991.

<b>CATEGORY</b>	<b>TYPE</b>	<b>ITEM</b>
Geologic	Alluvium	Area of alluvium in the Yucca Mountain area.
	Bedrock	Area of bedrock in the Yucca Mountain area.
	Bulk Density	Bulk density values and test conditions.
	Bulk Modulus	Bulk modulus data and test conditions.
	Conductivity	Thermal conductivity data and test conditions.
	Core-Information	Core information, intervals and percent recovery.
	Elasticity	Elastic properties (Poisson's Ratio & Young's Modulus).
	Faults	Location certainty and fault movement.
	Fractures	Location and strike.
	Grain Density	Grain density values and test conditions.
	Lithologic	Lithologic unit depths in drillhole.
	Matrix Potential	Matrix potential data and test conditions.
	Mineralogy	Mineralogical samples and test conditions.
	Paleomagnetic	Paleomagnetic data and test conditions.

CATEGORY	TYPE	ITEM
	Stratigraphic	Thermal/mechanical stratigraphic units.
	Tectonic Breccia	Location
	Velocity	Laboratory sonic velocity measurements.
Hydrographic	Conductivity	Hydraulic conductivity values.
		Relative hydraulic conductivity and test conditions.
		Well test hydraulic conductivity measurements.
	Flood	Flood prone areas. Limits of inundation.
	Fluvial	Streams, and water bodies.
	Permeability	Permeability and test conditions.
	Pore Water	Natural-state porewater content percentages.
	Porosity	Porosity values and test conditions.
	Saturation	Pore saturation and test conditions.
	Spring Water Chemistry	Water chemical values for springs and non-drill hole wells.
	Transmissivity	Transmissivity data and pumping conditions.
	Water Chemistry	Water chemical constituent values for drillholes.



CATEGORY	TYPE	ITEM
Physiographic	Water Level	Water elevations and depths, dates of measurements.
	Water Production	Percent water production in drillhole intervals.
	Elevation	Digital Elevation Model (DEM). Point elevation for southern Nevada and California.
		Elevation contours isoline values at 2, 10, 20, 40, 100, and 200 foot intervals.
	Orthophoto	Aerial photography of the Yucca Mountain area.

APPENDIX E

GENISES ADDITIONS: 3rd QUARTER, 1992

<u>DATA TRACKING NO.</u>	<u>DATA ITEM DESCRIPTION</u>
SNL01B00000010.000	Confined and unconfined linear thermal expansion data