

U.S. DEPARTMENT OF ENERGY

**YUCCA  
MOUNTAIN**



**YUCCA MOUNTAIN**

**SITE CHARACTERIZATION**

**PROJECT**

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



102

**DECEMBER 31, 1991**

**UNITED STATES DEPARTMENT OF ENERGY**

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YUCCA MOUNTAIN  
SITE CHARACTERIZATION PROJECT  
  
TECHNICAL DATA CATALOG

DECEMBER 31, 1991

Prepared by

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Information Management  
Yucca Mountain Site Characterization Project  
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Las Vegas, Nevada 89109

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## INTRODUCTION

The June 1, 1985 DOE/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 Yucca Mountain Project. The Technical Data Catalog is updated quarterly and published in the month following the end of each quarter. This edition of the Technical Data Catalog supersedes the edition dated September 30, 1991.

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 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 YMPO 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 (SCPBS) data items referenced in the Catalog are grouped by SCP 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 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 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 - 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 a fully qualified quality assurance (QA) program or qualified in accordance with appropriate YMP procedures.
- (8) Data Location - A "C" indicates that the data is in the Central Records Facility or a "P" indicates that the data is in a Participant Data Archive.

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.

The technical data referenced in the Data Catalog includes only data submitted to the YMP technical data management system after the March 29, 1990, effective date of AP-5.1Q/Rev. 0. In addition, not all of the technical data which reside in the YMP Technical Data Base (TDB) are referenced in this edition of the Technical Data Catalog. The TDB Quarterly Report identifies technical data currently available from the YMP TDB and should be used in conjunction with the Technical Data Catalog. Eventually, all of the TDB data will be described in the Technical Data Catalog and the combined reference information published only in YMP Technical Data Catalog.

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# ENVIRONMENTAL MONITORING AND MITIGATION PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
TM000000000001.001	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			
TM000000000001.002	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			
TM000000000001.003	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 P
	ACQN/DEVL LOCATION : AREA 25/NTS			

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## RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
TM000000000001.004	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)				
TM000000000001.006	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)				
TM000000000001.015	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)				
TM000000000001.017	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



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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
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.  ACQN/DEVL LOCATION : 36 00'N 117 00'W 37 30'N 115 30'W	10/01/82-09/30/85	DATA WERE COLLECTED USING 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
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.  ACQN/DEVL LOCATION : 36 00'N 117 00'W 37 30'N 115 30'W	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

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*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.  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	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
Activity - 8.3.1.2.1.2.2				
GS910308312122.001	DEBRIS TRANSPORT DATA COLLECTED DURING AUGUST 1989.  ACQN/DEVL LOCATION : MILLER MOUNTAIN, NV AND BENTON, CA	08/09/89-08/10/89	DATA WERE COLLECTED USING METHODS DESCRIBED IN HP-174, REVISION 0 AND REVISION 1.	A Y P
GS910908312122.002	PARTICLE-SIZE DISTRIBUTION ANALYSES.  ACQN/DEVL LOCATION : 39 17'25"N 119 49'25"W	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
GS910908312122.003	PARTICLE-SIZE DISTRIBUTION ANALYSES.  ACQN/DEVL LOCATION : 39 17'25"N 119 49'25"W	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

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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			
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			
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 P
	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 P
	ACQN/DEVL LOCATION : N766643(N) E558943(N)			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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.	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
ACQN/DEVL LOCATION : USGS				
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 P
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 P
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 P
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				

## 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	L O C A T I O N
*GS910408312134.004	POTENTIOMETRIC DATA AND ANALYSES 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	P
*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	P
*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	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 - 8.3.1.2.2.1.1				
GS900908312211.001	THIS REPORTS 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
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.  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	07/01/84-02/01/86	REFER TO TECHNICAL PROCEDURE HP-62 FOR DETAILS CONCERNING DATA COLLECTION METHODS.	A N P

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	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		
	USW UZ-N41		
	USW UZ-N42		
	USW UZ-N43		
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	USW UZ-N80 USW UZ-N81 USW UZ-N82 USW UZ-N83 USW UZ-N84 USW UZ-N86 USW UZ-N87 USW UZ-N88 USW UZ-N89 USW UZ-N90 USW UZ-N93 USW UZ-N94 USW UZ-N95 USW UZ-N96 USW UZ-N98			
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



## SITE CHARACTERIZATION PLAN BASELINE

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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 P
*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 P
*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 P
*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 P
*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 P
*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 NACL SOLUTIONS AND MEASURING VOLTAGE.	A Y P

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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			
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			

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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
*GS911108312271.003	DEGASSING DATA SHEETS DOCUMENTING DEGASSING TIME, TEMPERATURE, AND APPROXIMATE VOLUMES OF GAS FOR BOREHOLE UZ1.  ACQN/DEVL LOCATION : UZ1	01/01/84-10/31/91	USGS-HP-86 AND USGS-HP-190T	A Y P
*GS911108312271.004	GAS CHROMATOGRAPH RECORDS OF GAS CONCENTRATIONS OF SYRINGE SAMPLES TAKEN DURING UZ1 BOREHOLE GAS SAMPLING.  ACQN/DEVL LOCATION : UZ1	12/01/84-04/01/91	USGS-HP-160	A Y P
*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

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*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
*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

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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			
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			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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.  ACQN/DEVL LOCATION : USW H-3	01/01/82-01/31/82	USGS STANDARD COLLECTION METHODS.	D N C
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.  ACQN/DEVL LOCATION : USW H-4	03/01/82-04/30/82	USGS STANDARD COLLECTION METHODS.	D N P
GS910208312312.003	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.  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	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

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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 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</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	
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.	A Y 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			
GS910508312312.006	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".	01/01/85-12/31/88	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).	A Y P
	ACQN/DEVL LOCATION :			
	UE25B-1			
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	UE25C-3			
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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2			
GS910708312312.007	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.	03/29/91-06/26/91	PLEASE REFER TO THE FOLLOWING TECHNICAL PROCEDURES FOR DETAILS CONCERNING OUR COLLECTION PROCESS - HP-75, R1, HP-25, R1, HP-60, R1.	A Y 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			
*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			

## SITE CHARACTERIZATION PLAN BASELINE

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	WT-15 WT-17 WT-18 WT-7			
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

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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
GS910508312313.005	MONITORING OF WATER-LEVEL RESPONSE TO AN UNDERGROUND NUCLEAR EXPLOSION ON 4/4/91 AND TO AN EARTHQUAKE 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 AN UNDERGROUND NUCLEAR EXPLOSION 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

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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
*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

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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.	01/01/85-12/31/85	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : USW H-4			
Activity - 8.3.1.2.3.2.1				
GS910608312321.001	STABLE ISOTOPE RATIOS AND RADIOCARBON PERCENTAGES.	03/01/88-04/30/90	ANALYSIS OF DUPLICATE SAMPLES COLLECTED BY AND RECEIVED FROM UNLV DESERT RESEARCH INSTITUTE INVESTIGATORS.	A N P
	ACQN/DEVL LOCATION : UE 25WT-12 UE 25WT-14 UE 25WT-15			
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			

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Activity - 8.3.1.3.2.1.2				
LA000000000001.001	RAW X-RAY DIFFRACTION DATA FOR ALL PRE 1990 ANALYSES, ANALYSES ARE ON UNQUALIFIED CORE.	01/28/82-12/31/89	E-RAY DIFFRACTION ANALYSES OF ALL MIN-PET DATA PRE 1990.	A Y C
	ACQN/DEVL LOCATION : LANL			
Activity - 8.3.1.3.2.1.3				
LA000000000001.002	ELECTRON MICROPROBE ANALYSES OF FRACTURE-LINING MANGANESE OXIDE MINERALS IN THE CRATER FLAT TUFF OF DRILL CORE USW- G-4.	01/01/86-12/31/89	ELECTRON MICROPROBE DATA.	D N P
	ACQN/DEVL LOCATION : LANL			
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			
GS900908314211.002	CORRELATION CHARACTERISTICS OF SURFICIAL DEPOSITS WITH A DESCRIPTION OF SURFICIAL STATIGRAPHY IN THE NEVADA TEST SITE REGION.	01/01/81-12/31/81	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS			

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900908314211.003	PRELIMINARY GRAVITY INVESTIGATIONS OF THE WAHMONIE SITE, NEVADA TEST SITE, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : WAHMONIE SITE	01/01/79-12/31/80	USGS STANDARD COLLECTION METHODS	D N C
GS900908314211.004	PRELIMINARY APPRAISAL OF GAVITY AND MAGNETIC DATA AT SYNCLINE RIDGE, WESTERN YUCCA FLATS, NTS, NYE COUNTY, NEVADA. A GRAVITY AND MAGNETIC STUDY OF THE SYNCLINE RIDGE AREA WAS CONDUCTED AS PART OF AN INVESTIGATION OF ARGILLITE ROCKS OF THE ELEANA FORMATION FOR POSSIBLE STORAGE OF RADIOACTIVE WASTE.  ACQN/DEVL LOCATION : SYNCLINE RIDGE, WESTERN YUCCA FLAT, NTS	01/01/79-12/31/81	USGS STANDARD COLLECTION METHODS.	D N C
GS900908314211.006	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.  ACQN/DEVL LOCATION : DRILL HOLE WASH PAGANY WASH SEVER WASH TEACUP WASH YUCCA WASH	01/01/84-12/31/84	USGS STANDARD COLLECTION METHODS.	D N C



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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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.  ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD COLLECTION METHOD.	D N C
GS900908314211.008	URANIUM-TREND DATING OF QUATERNARY DEPOSITS IN THE NEVADA TEST SITE AREA. ANALYSES OF 36 SAMPLE UNITS ARE INCLUDED IN THIS REPORT.  ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA, NTS	01/01/84-12/31/84	USGS STANDARD COLLECTION METHODS.	D N C
GS900908314211.009	THIS REPORT PRESENTS THE RESULTS OF AN AERIAL STUDY OF PART OF THE NORTHERN HALF OF YUCCA MOUNTAIN.  ACQN/DEVL LOCATION : NORTHERN HALF OF YUCCA MOUNTAIN, NTS	01/01/85-12/31/85	USGS STANDARD COLLECTION METHODS.	D N C
GS900908314271.005	RESISTIVITY SOUNDING INVESTIGATION BY THE SCHLUMBERGER METHOD IN THE YUCCA MOUNTAIN AND JACKASS FLATS AREA, NEVADA TEST SITE.  ACQN/DEVL LOCATION : JACKASS FLATS, NTS	01/01/82-12/31/82	SCHLUMBERGER ARRAY.	D N C

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SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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 P
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
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 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 TEST METHODS.	D N C
GS900908314212.002	MEASUREMENTS ON 5,000 FRACTURES AT 50 OUTCROP STATIONS: FREQUENCY DISTRIBUTIONS OF ORIENTATION AND ROUGHNESS, PLOTTED AND ANALYSED.  ACQN/DEVL LOCATION : VICINITY USW G-4, NTS	01/01/82-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.1.3				
GS900908314213.001	BOREHOLE GEOPHYSICAL MEASUREMENTS FOR HOLE UE25A-3, NEVADA TEST SITE, NUCLEAR WASTE ISOLATION PROGRAM.  ACQN/DEVL LOCATION : UE25A-3	06/02/78-06/08/78	USGS STANDARD COLLECTION METHODS.	D N C
GS900908314213.002	PRELIMINARY INTERPRETATIONS OF GEOLOGIC RESULTS OBTAINED FROM BOREHOLES UE25A-4, -5, 06, AND -7, YUCCA MOUNTAIN, NEVADA TEST SITE.  ACQN/DEVL LOCATION : UE25A-4 UE25A-5 UE25A-6 UE25A-7	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. INTERPRETATION OF HOLE-TO-SURFACE RESISTIVITY MEASUREMENTS AT YUCCA MOUNTAIN, NEVADA TEST SITE.  ACQN/DEVL LOCATION : USGS	01/01/81-12/31/81	USGS STANDARD TEST METHODS.	D N C
GS900908314213.004	DURING 1978-1980 THE USGS CARRIED OUT A SURVEY CONSISTING OF 136 SCHLUMBERGER RESISTIVITY SOUNDINGS IN THE AMARGOSA DESERT. THE AIM OF THE GEOELECTRIC SURVEY WAS TO DEFINE BASEMENT STRUCTURE AND BASIN-FILL CHARACTERISTICS WHICH MAY OR MAY NOT BE INFLUENCING THE HYDROLOGICAL SYSTEMS OF THE REGION.  ACQN/DEVL LOCATION : USGS	01/01/78-12/31/80	SCHLUMBERGER RESISTIVITY SURVEY	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900908314213.005	COMMERCIAL GEOPHYSICAL WELL LOGS FROM THE USW G-1 DRILL HOLE, NEVADA TEST SITE.  ACQN/DEVL LOCATION : USW G-1	03/16/80-09/14/80	USGS STANDARD COLLECTION METHODS.	D N C
GS900908314213.006	CORE SAMPLES WERE COLLECTED FROM DRILL HOLE USW-G1. SOME WERE COLLECTED TO DETERMINE THE EFFECTS OF WELDING AND ALTERATION. THE RADIO-ELEMENTS CONTENTS WERE MEASURED TO CHARACTERIZE THE GEOLOGIC UNITS PENETRATED BY THE HOLE.  ACQN/DEVL LOCATION : USW G-1	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS.	D N P
GS900908314213.007	BOREHOLE GRAVITY METER SURVEYS IN DRILL HOLES USW G-3, UE-25P#1 AND UE-25C#1, YUCCA MOUNTAIN AREA, NEVADA.  ACQN/DEVL LOCATION : UE-25C-1 UE-25P-1 USW G-3	11/01/83-11/30/83	USGS STANDARD COLLECTION METHOD.	D N C
GS900908314213.008	BOREHOLE GRAVITY METER SURVEY IN DRILL HOLE USW G-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USW G-4	04/04/85-04/05/85	USGS STANDARD COLLECTION METHODS.	D N C

## SITE CHARACTERIZATION PLAN BASELINE

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 P
*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
Activity - 8.3.1.4.2.1.5				
GS900908314215.001	INTERPRETATION OF TIME-DOMAIN ELECTROMAGNETIC SOUNDINGS IN THE CALICO HILLS AREA, NEVADA TEST SITE, NEVADA.  ACQN/DEVL LOCATION : USGS	10/08/78-10/08/78	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	
GS900908314215.002	MAGNETOMETRIC RESISTIVITY SURVEY NEAR FORTY-MILE WASH, NEVADA TEST SITE, NEVADA. THIS REPORT DESCRIBES THE RESULTS OF THE SURVEY.  ACQN/DEVL LOCATION : FORTY-MILE WASH, NTS	06/01/80-06/30/80	USGS STANDARD TEST METHODS.	D N C
GS900908314215.003	REMOTE-REFERENCE MAGNETOTELLURIC SURVEY, NEVADA TEST SITE AND VICINITY, NEVADA AND CALIFORNIA.  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	01/01/81-12/31/81	MAGNETOTELLURIC SURVEY.	D N C
GS900908314215.004	ELECTRICAL STUDIES AT THE PROPOSED WAHMONIE AND CALICO HILLS NUCLEAR WASTE SITES, NEVADA TEST SITE, NYE COUNTY, NEVADA. THIS REPORT SUMMARIZES RESULTS OF SCHLUMBERGER VES, INDUCED POLARIZATION DIPOLE-DIPOLE TRAVERSES AND MAGNETOTELLURIC SOUNDINGS MADE IN THE VICINITY OF THE SITES IN ORDER TO CHARACTERIZE THE GEOELECTRICAL SECTION.  ACQN/DEVL LOCATION : WAHMONIE AND CALICO HILLS SITES, NTS	01/01/78-12/31/78	USGS STANDARD COLLECTION METHODS.	D N C

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900908314215.005	MAGNETIC PROPERTIES OF DRILL CORE AND SURFACE SAMPLES FROM THE CALICO HILLS AREA, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : CALICO HILLS SITE, NTS	01/01/78-12/31/78	USGS STANDARD COLLECTION METHODS.	D N P
GS900908314215.006	INTERPRETATION OF MAGNETIC ANOMALIES AT A POTENTIAL REPOSITORY SITE LOCATED IN THE YUCCA MOUNTAIN AREA, NEVADA TEST SITE.  ACQN/DEVL LOCATION : YUCCA MOUNTAIN ,NTS	01/01/78-12/31/82	USGS STANDARD COLLECTION METHODS.	D N C
GS900908314215.007	STRATIGRAPHY CORRELATION AND PETROGRAPHY OF THE BEDDED TUFFS, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USGS	12/01/87-12/31/87	USGS STANDARD COLLECTION METHODS.	D N C
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.  ACQN/DEVL LOCATION : USW G-1 USW G-2 USW GU-3 USW VH-1	01/01/80-12/31/83	USGS STANDARD COLLECTION METHODS.	D N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS911108314215.009	MEASUREMENTS OF REMNANT MAGNETIZATION, RAW DATA.  ACQN/DEVL LOCATION : 36 57'N 116 20'W  Activity - 8.3.1.4.2.1.6	01/01/79-01/01/89	USGS STANDARD COLLECTION METHODS.	A N P
GS900908314216.001	E-FIELD RATIO TELLURIC TRAVERSES NEAR FORTY-MILE WASH, NEVADA TEST SITE, NEVADA.  ACQN/DEVL LOCATION : FORTY-MILE WASH, NTS  Activity - 8.3.1.4.2.2.1	01/01/82-12/31/82	E-FIELD RATIO TELLURIC, AN ELECTRIC EXPLORATION TECHNIQUE.	D N C
GS900908314221.001	A RESISTIVITY SOUNDING INVESTIGATION BY SYNCLINE RIDGE AREA OF THE NTS. 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	USGS STANDARD COLLECTION METHODS.	D N P
GS900908314221.002	GEOLOGY OF SYNCLINE RIDGE AREA RELATED TO NUCLEAR WASTE DISPOSAL, NEVADA TEST SITE, NYE COUNTY, NEVADA. DRILL HOLES, GEOPHYSICAL SURVEYS, MAPPING AND LABORATORY STUDIES DURING 1976 THROUGH 1978 WERE USED TO INVESTIGATE ARGILLITE IN UNIT J (MISSISSIPPIAN) OF THE ELEANA FORMATION (DEVONIAN AND MISSISSIPPIAN) AS A POSSIBLE NUCLEAR WASTE REPOSITORY SITE.  ACQN/DEVL LOCATION : USGS	01/01/76-12/31/78	USGS STANDARD COLLECTION METHODS.	D N C



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900908314221.004	INTERPRETATION OF RESISTIVITY AND INDUCED POLARIZATION PROFILES WITH SEVERE TOPOGRAPHIC EFFECTS, YUCCA MOUNTAIN AREA, NEVADA TEST SITE, NEVADA.	01/01/65-12/31/79	USGS STANDARD TEST METHODS.	D N C
ACQN/DEVL LOCATION : USGS				
Activity - 8.3.1.4.2.2.2				
*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 FRAM 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
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				

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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		

## SITE CHARACTERIZATION PLAN BASELINE

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.	06/01/78-06/30/78	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : USGS			
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			
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			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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 C
ACQN/DEVL LOCATION : CRATER FLAT, YUCCA FLATS AND YUCCA MOUNTAIN, NTS				
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				

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SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.5.1.4.1				
*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				
*GS910908315141.009	X-RAY DIFFRACTION TRACES OF CLAY AND SILT FRACTIONS OF DUST SAMPLES.	01/01/85-12/31/89	USGS STANDARD COLLECTION METHODS.	D Y P (
ACQN/DEVL LOCATION : USGS LABS				

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*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.	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
	ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W			
*GS911008315141.002	MAJOR-OXIDE, TRACE ELEMENTS, AND FEO ANALYSES OF SELECTED SOIL SAMPLES.	07/04/86-12/11/86	FEO BY WET CHEMICAL METHODS; TRACE ELEMENTS BY EDXRF; MAJOR-OXIDES BY X-RAY SPECTROSCOPY.	D N P
	ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W			
*GS911008315141.003	SOIL DESCRIPTION SHEETS, TRENCH LOCATIONS, AND DESCRIPTIONS OF FIELD SETTINGS; CHANNEL ALLUVIUM SAMPLES AND VOLUMES; DETAILED DESCRIPTIONS OF TRENCH LOCATIONS.	04/22/85-05/03/85	NWM-USGS-GP-07	A N P
	ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W			
*GS911008315141.004	LABORATORY CHEMICAL ANALYSES AND CALCULATIONS OF NON-PEDOGENIC-CACO3 CONTENT OF SELECTED SOILS.	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
	ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W			

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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 - 8.3.1.5.1.4.3				
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				



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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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## 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
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ACQN/DEVL LOCATION : 36 51'18"N 116 26'57"W

## Activity - 8.3.1.5.2.1.2

GS910508315212.004	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
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ACQN/DEVL LOCATION : BIG SPRING  
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GRAPEVINE SPRING  
NAVARES SPRING  
NAVEL SPRING  
SCOTTY'S CASTLE SUPPLY SPRING  
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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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			
*GS911108315213.003	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	D Y P
	ACQN/DEVL LOCATION : USGS			

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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*GS911108315213.004	SOIL SAMPLES TAKEN FROM VARIOUS PLAYAS IN CALIFORNIA AND NEVADA.	10/17/91-10/26/91	USGS GP-17 R1.
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ACQN/DEVL LOCATION :

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

*GS911208315213.005	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
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ACQN/DEVL LOCATION : 32 09'09"N 109 54'03"W ; 32 16'24"N 108 54'26"W

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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.	07/30/87-11/30/90	PLEASE REFER TO TECHNICAL PROCEDURE HP-183, REVISION 1 FOR DETAILS CONCERNING TEST AND COLLECTION METHODS.	A Y P
	ACQN/DEVL LOCATION : USGS			
GS910508315214.002	KAWICH WEATHER DATA 1986, 1987, 1988, 1989, 1990.	01/01/86-12/31/90	WEATHER DATA WAS COLLECTED BY REMOTE SENSORS AND LOGGED ON OR RECORDED ON A DATALOGGER.	A Y P
	ACQN/DEVL LOCATION : KAWICH BASE SITE.			
GS910908315214.003	KAWICH SITE WEATHER DATA COLLECTED IN 1986-1990.	01/01/86-01/01/90	WEATHER DATA WERE COLLECTED BY REMOTE SENSORS AND STORED ON A DATALOGGER.	A N P
	ACQN/DEVL LOCATION : KAWICH BASE SITE.			
GS910908315214.004	WEATHER DATA COLLECTED AT THE STEWART CREEK BASE SITE IN 1986, 1987, 1988, 1989, AND 1990. THIS IS RAW DATA.	01/01/86-01/01/90	WEATHER DATA WERE COLLECTED USING REMOTE SENSORS. DATA WERE RECORDED ON A DATALOGGER.	A N P
	ACQN/DEVL LOCATION : STEWART CREEK BASE SITE.			
*GS911108315214.005	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM 1989 TO 1990.	05/03/89-09/30/90	GAGE HEIGHT FROM A 9" PARSHALL FLUME, DATA WAS RECORDED ON A DIGITAL TAPE RECORDER.	A Y P
	ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W			

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*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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# SITE CHARACTERIZATION PLAN BASELINE

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.	09/24/90-09/25/91	DATA WAS ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-54,R0.	A Y P
ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W ;37 57'05"N 116 27'02"W				
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.	01/01/83-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : UE25A-1 USW G-2 USW G-3 USW GU-3				
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.	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
ACQN/DEVL LOCATION : USGS				
GS910508315215.003	THE CHEMICAL LABORATORY NOTEBOOKS USED FOR RECORDING SAMPLE INFORMATION, ION COLUMN EXCHANGE, SPIKE WEIGHTS (IF ANY) AND DATES SEPARATION OCCURRED. DATES: 10/4/88-5/9/91.	10/04/88-05/09/91	NWM-USGS-GCP-12, R3, RB-SR, ISOTOPE GEOCHEMISTRY.	A Y P
ACQN/DEVL LOCATION : USGS				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910508315215.004	MINERAL AND WHOLE ROCK SEPARATION AND LABORATORY PREP NOTEBOOKS. RECORDS OF SAMPLES CRUSHED, ALONG WITH DATES, AND SAMPLE DESCRIPTIONS. DATES: 2/2/89-5/9/91.  ACQN/DEVL LOCATION : USGS	02/02/89-05/09/91	NWM-USGS-GCP-12, R3, 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: 4/21/88-5/9/91.  ACQN/DEVL LOCATION : USGS	04/21/88-05/09/91	NWM-USGS-GCP-12, R3, RB-SR, ISOTOPE GEOCHEMISTRY.	A Y P
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-USGS-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

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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
GS910508315215.008	CALCITE-SILICA DATA FROM 1-90 TO 3-90 FOR TRENCH 14. ISOTOPIC DATA FOR LEAD, URANIUM AND THORORIUM.  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
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 P
*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



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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
*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 P
*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.  ACQN/DEVL LOCATION : J-12 J-13 VH-2 WT-1 WT-10 WT-17 WT-7	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
*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

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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 - 8.3.1.12.2.1.1				
TM0000000000001.018	METEOROLOGICAL DATA FOR THE YUCCA MOUNTAIN SITE FROM SEPTEMBER 1988 THROUGH AUGUST 1989.	09/01/88-08/31/89	ELECTRONIC INSTRUMENTATION.	A N C
	ACQN/DEVL LOCATION : N733230(N) E580882(N) N761795(N) E569127(N) N766195(N) E562876(N) N766434(N) E558862(N) N769661(N) E576810(N)			

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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.  ACQN/DEVL LOCATION : UE25A-3	08/01/80-08/31/80	USGS STANDARD COLLECTION METHODS.	D N C
Activity - 8.3.1.15.1.2.1				
SN000000000001.013	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 C
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.  ACQN/DEVL LOCATION : USW G-1	12/13/81-12/22/81	USGS STANDARD COLLECTION METHODS.	D N C
GS900983115212.002	REPORT ON TELEVIEWER LOG AND STRESS MEASUREMENTS IN CORE HOLE USW G-2, NEVADA TEST SITE, OCTOBER-NOVEMBER 1982.  ACQN/DEVL LOCATION : USW G-2	10/01/82-11/30/82	USGS STANDARD COLLECTION METHODS.	D N C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900983115212.003	DATA ON TELEVIEWER LOG AND STRESS MANAGEMENT IN HOLES USW G-3 AND UE-25P1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : UE-25P-1 USW G-3	02/01/83-03/31/83 11/01/83-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C
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

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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.	01/01/78-12/31/78	USGS STANDARD TEST METHODS.	D N C
	ACQN/DEVL LOCATION : USGS			
GS900983116111.002	PROBABLE MAXIMUM FLOOD STUDY - 1986.	01/01/83-12/31/86	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : 36 52'30"N 116 26'48"W			
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, RO, "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			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	P E O E D N
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Activity - 8.3.1.16.2.1.4				
GS910983116214.001	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.	08/01/91-08/31/91	COMPUTER SIMULATION MODELING.	D N P
ACQN/DEVL LOCATION : USGS				
Activity - 8.3.1.17.2.1.2				
GS900983117212.001	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.	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : PAINTBRUSH TUFF, YUCCA MOUNTAIN				
Activity - 8.3.1.17.3.3.2				
SN000000000001.004	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.	D Y C
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SN000000000001.005	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.	D Y C
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SN000000000001.006	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.	D Y C
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SN000000000001.007	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.	D Y C
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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SN000000000001.008	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.	D Y C
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SN000000000001.009	DIGITIZING/DATA REDUCTION PLOTS AND DATA FROM UNE BULLION.	06/13/90-03/18/91	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.	D Y C
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SN000000000001.010	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.	D Y C
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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SN000000000001.011	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE COMSTOCK.	06/02/90-06/02/90	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.	D Y C
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SN000000000001.012	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.	D Y C
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SN000000000001.014	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE DALAMAR.	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.	D Y C
ACQN/DEVL LOCATION : NRDA FIRE STATION - 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 J I P E O E D N
SN000000000001.015	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.	D Y C
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SN000000000001.016	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.	D Y C
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SN000000000001.017	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.	D Y C
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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SN0000000000001.018	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE TAHOKA.	08/10/87-08/10/87	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.	D Y C
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/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				
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 OCCURING 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				

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# SITE CHARACTERIZATION PLAN BASELINE

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

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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.	01/01/78-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN				
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.	12/01/78-12/31/78 09/01/79-09/30/79	REFRACTION SEISMIC EXPERIMENTS.	D N C
ACQN/DEVL LOCATION : WAHMONIE AND CALICO HILLS SITES, NTS				
GS900983117412.003	A SEISMIC STUDY OF YUCCA MOUNTAIN AND VICINITY, SOUTHERN NEVADA, DATA REPORT AND PRELIMINARY RESULTS.	04/01/82-04/30/82	SEISMIC REFRACTION AND SHOTPOINT DEPLOYMENT RECORDINGS.	D N C
ACQN/DEVL LOCATION : YUCCA MOUNTAIN AND VICINITY, NTS				

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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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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 P
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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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 DEVELOCODER 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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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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: L643-L645, L647-L669. DATES: 1/29/87-12/31/87.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/29/87-12/31/87	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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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 P
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
GS910583117412.035	515 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 P
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
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

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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
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 (

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910883117412.043	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATES: JUNE 12, 1991 - JULY 27, 1991. (L1118B-L1129B).	06/12/91-07/27/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
*GS910883117412.048	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR DATES AUG. 16, 1991 TO AUG. 29, 1991. L1135B-L1137B.	08/16/91-08/29/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
GS910983117412.045	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATES: JULY 16 - AUGUST 16, 1991. (L1130B-L1134B).	07/16/91-08/16/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
GS910983117412.046	EARTHQUAKE DEVELOCORDER FILMS. 27 BOXES. DATES: AUGUST 12-AUGUST 30, 1991.	08/12/91-08/30/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
*GS910983117412.049	EARTHQUAKE DEVELOCORDER FILMS FOR DATES AUGUST 30, 1991 TO SEPTEMBER 9, 1991.	08/30/91-09/09/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			

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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 I N D E X
*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
*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

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*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
*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 (



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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F I Y P E D	Q U A L I T Y P E D
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.  ACQN/DEVL LOCATION : CRATER FLAT, NTS	01/01/78-12/31/82	USGS STANDARD COLLECTION METHODS.	D	N C
GS900983117421.002	PRELIMINARY ANALYSIS OF GEOPHYSICAL LOGS FROM DRILL HOLE UE-25P#1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : UE-25P-1	01/01/83-12/31/83	USGS STANDARD COLLECTION METHOD.	D	N C
GS900983117421.003	THIS REPORT SUMMARIZES A RECONNAISSANCE STUDY OF LATE CENOZOIC FAULTING IN THE VICINITY OF YUCCA MOUNTAIN. DATA AND PRELIMINARY CONCLUSIONS ARE PRESENTED.  ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD COLLECTION METHOD.	D	N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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Activity - 8.3.1.17.4.3.1				
*GS910983117431.002	LINEAMENTS STUDIES FOR QUATERNARY AND LATE TERTIARY DEPOSITS.	03/01/87-03/31/87	USGS STANDARD COLLECTION METHOD.	A N P
	ACQN/DEVL LOCATION : WALKER LAKE			
*GS911083117431.001	RECONNAISSANCE FIELD CHECKING OF INTERPRETATIONS OF AERIAL PHOTOGRAPHS FOR THE PURPOSE OF SCOPING STUDIES.	03/16/87-03/28/87	USGS-GP-01	A N I
	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			
*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.	06/01/78-06/30/78	USGS STANDARD COLLECTION METHODS	A N P
	ACQN/DEVL LOCATION : 37 00'N 116 45'W ;36 15'N 116 05'W			
Activity - 8.3.1.17.4.3.5				
GS900983117435.001	DATA ON THREE MAJOR STRUCTURAL-PHYSIOGRAPHIC SUBSECTIONS OF THE YUCCA MOUNTAIN AREA.	01/01/77-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA, NTS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.4.1				
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			
*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.	01/01/84-12/31/84	USGS STANDARD COLLECTION METHODS.	A N P
	ACQN/DEVL LOCATION : ROCK VALLEY			
*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.	01/01/85-12/31/86	USGS STANDARD COLLECTION METHOD	A N P
	ACQN/DEVL LOCATION : 40 MILE WASH BEATTY ROCK VALLEY WINDY WASH			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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			
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 YUCCA MOUNTAIN EAST #2 YUCCA MOUNTAIN WEST #3			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*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.	04/01/82-06/30/82	NWM-USGS-SP-07	A N P
	ACQN/DEVL LOCATION : MENLO PARK LABS, USGS			
*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	04/01/82-06/30/82	NWM-USGS-SP-07	A N P
	ACQN/DEVL LOCATION : MENLO PARK LABS, USGS			
*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.	01/01/80-12/31/80	NWM-USGS-SP-07	A N P
	ACQN/DEVL LOCATION : MENLO PARK LABS, USGS.			
*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
	ACQN/DEVL LOCATION : MENLO PARK LABS, USGS.			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*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.  ACQN/DEVL LOCATION : MENLO PARK LABS, USGS.	04/01/82-06/30/82	NWM-USGS-SP-07	A N P
*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.  ACQN/DEVL LOCATION : MENLO PARK LABS, USGS	04/01/82-06/30/82	NWM-USGS-SP-07	A N P
TM0000000000001.005	PRIMARY FIELD DATA FOR TELESEISMIC TOMOGRAPHY OF THE YUCCA MOUNTAIN AND SOUTHERN NEVADA. MAG TAPES FROM NTS TELESEISMIC EXPERIMENT.  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	01/01/82-12/31/82	AUTOMATIC RECORDING EQUIPMENT.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	YUCCA MOUNTAIN EAST #2 YUCCA MOUNTAIN WEST #3			
Activity - 8.3.1.17.4.7.2				
GS900983117472.001	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.	01/01/79-12/31/79	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : CHARLESTON PEAK AND INDIAN SPRINGS, NEVADA			
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.	01/01/79-12/31/79	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : CALICO HILLS, NTS			
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.	01/01/79-12/31/81	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : 36 35'N 116 48'W 37 00'N 116 18'W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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
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.  ACQN/DEVL LOCATION : USGS	01/01/81-12/31/81	USGS STANDARD METHODS AND LIBRARY RESEARCH.	D N C



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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900983117473.001	INVESTIGATION OF AN AEROMAGNETIC ANOMALY ON WEST SIDE OF YUCCA MOUNTAIN, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : WEST SIDE OF YUCCA MOUNTAIN, NTS	01/01/82-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C
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.  ACQN/DEVL LOCATION : 36 52'N 116 27'30"W	12/01/81-12/31/81	HYDRAULIC FRACTURING STRESS MEASUREMENTS TESTING.	D N C
GS900983117475.002	PRELIMINARY ANALYSIS OF GEOPHYSICAL LOGS FROM THE WT SERIES OF DRILL HOLES, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : WT SERIES DRILL HOLES, NTS	01/01/83-12/31/84	USGS STANDARD COLLECTION METHODS.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.8.2				
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				
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 C
ACQN/DEVL LOCATION : USGS				
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				

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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			
LLLLYMP9110169.000	RATE OF GRAIN VOLUME FRONT PROPAGATION UO(2) TO U(4)O(9) AND ACTIVATION ENERGY FOR THIS RATE.	10/01/90-09/30/91	OPTICAL AND SCANNING ELECTRON MICROSCOPY (SEM).	D Y C
	ACQN/DEVL LOCATION : PNL			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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				
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).	01/01/82-02/28/91	LIST OF CHEMICAL SPECIES IN THE EQ3/6 DATABASE AND THEIR FORMAT.	D Y C
ACQN/DEVL LOCATION : LLNL				

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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 Y 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
Activity - 8.3.5.12.2.1				
SN000000000001.001	"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 C
SN000000000001.002	"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 C (

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SN0000000000001.003	"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 C
Activity - 8.3.5.12.2.2				
SN0000000000001.001	"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 C
SN0000000000001.002	"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 C
SN0000000000001.003	"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 C

## SOCIOECONOMIC PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
TM0000000000001.010	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
TM0000000000001.011	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 (
TM0000000000001.012	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
TM0000000000001.013	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
TM0000000000001.014	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 (

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
TM000000000001.016	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				

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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
SE00000SEP0077.000	SEPDB PRODUCT SEP0077 1) PORE SATURATION REPORT, 2) THERMAL-STRATIGRAPHIC DATA FOR USW H-1, 3) CURVE-FIT HYDRAULIC CONDUCTIVITY AND POROSITY COMPARISON, 4) LITHOLOGIC DATA FOR USW H-1.  ACQN/DEVL LOCATION : SNL	08/03/90-08/03/90	SEPDB PRODUCT	D N C
SE00000SEP0078.000	SEPDB PRODUCT SEP 0078 "SATURATION CURVE-FIT REPORT"  ACQN/DEVL LOCATION : SNL	08/03/90-08/03/90	SEPDB PRODUCT	D N C
SE00000SEP0079.000	SEPDB PRODUCT SEP0079 "SATURATION CURVE-FIT REPORT"  ACQN/DEVL LOCATION : SNL	08/03/90-08/03/90	SEPDB PRODUCT	D N C
SE00000SEP0081.000	SEPDB PRODUCT SEP0081. 1) THERMAL - STRATIGRAPHIC REPORT (7 PAGES). 2) WATER LEVEL DATA (2 PAGES). 3) REFERENCES FOR WATER LEVEL (13 PAGES).  ACQN/DEVL LOCATION : SNL	01/21/91-01/21/91	SEPDB PRODUCT	D N C
SE00000SEP0082.000	SEPDB PRODUCT SEP0082. 1) SATURATION CURVE FIT REPORT 2) HYDRAULIC CONDUCTIVITY REPORT 3) PORE SATURATION AND TEST CONDITIONS 4) RELATIVE HYDRAULIC CONDUCTIVITY 5) NATURAL-STATE PORE CONTENT PERCENTAGES 6) TRANSMISSIVITY DATA AND PUMPING CONDITIONS 7) LUELL TEST HYDRAULIC CONDUCTIVITY MEASUREMENTS 8) MATRIC POTENTIAL DATA.  ACQN/DEVL LOCATION : SNL	12/10/90-12/10/90	SEPDB PRODUCT	D N C

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SE00000SEP0083.000	SEPDB PRODUCT SEP0083. POROSITY DATA REPORT FOR DA0026.  ACQN/DEVL LOCATION : SNL	12/17/90-12/17/90	SEPDB PRODUCT	D N C
SE00000SEP0084.000	SEPDB PRODUCT SEP0084. 1) HYDRAULIC CONDUCTIVITY REPORT FOR J-13. 2) POROSITY DATA FOR J-13.  ACQN/DEVL LOCATION : SNL	01/04/91-01/04/91	SEPDB PRODUCT	D N C
SE00000SEP0085.000	SEPDB PRODUCT. SEP0085 1) HYDRAULIC CONDUCTIVITY REPORT (2) REFERENCE REPORT FOR SEPDB PRODUCT SEP 0085.  ACQN/DEVL LOCATION : SNL	01/22/91-01/22/91	SEPDB PRODUCT	D N C
SE00000SEP0086.000	SEPDB PRODUCT SEP0086. 1) DRILL HOLE INFORMATION. 2) REFERENCE REPORT.  ACQN/DEVL LOCATION : SNL	01/17/91-01/17/91	SEPDB PRODUCT	D N C
SE00000SEP0087.000	SEPDB PRODUCT SEP0087. 1) BOTTOM HOLE COORDINATES REPORT. 2) REFERENCE REPORT FOR SEPDB PRODUCT SEP 0087.  ACQN/DEVL LOCATION : SNL	01/22/91-01/22/91	SEPDB PRODUCT	D N C

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SE00000SEP0088.000	SEPDB PRODUCT. SEP0088. REFERENCE REPORT ON TYPES OF DATA, AUTHOR PARTICIPANT, CITATION NUMBER, AND TITLE.  ACQN/DEVL LOCATION : SNL	02/21/91-02/21/91	SEPDB PRODUCT	D N C
SE00000SEP0089.000	SEPDB PRODUCT SEP0089. 1) HYDRAULIC CONDUCTIVITY DATA 2) TRANSMISSIVITY DATA AND PUMPING CONDITIONS 3) WATER LEVEL DATA 4) POROSITY DATA 5) STORAGE COEFFICIENT VALUES FOR TEST.  ACQN/DEVL LOCATION : SNL	02/18/91-02/18/91	SEPDB PRODUCT	D N C
SE00000SEP0090.000	SEPDB PRODUCT: SEP0090. 1) YUCCA MOUNTAIN DRILL HOLE INFORMATION. 2) REFERENCE REPORT FOR PRODUCT SEP0090.  ACQN/DEVL LOCATION : SNL	03/19/91-03/19/91	SEPDB PRODUCT	D N C
SE00000SEP0091.000	SEP0091 (SEPDB PRODUCT). BDEN91.RPT CURUE91.RPT GDEN91.RPT MATS91.RPT PMAGS91.RPT RELH91.RPT BMUD91.RPT ELAST91.RPT HOLE91.RPT MIND91.RPT DORES91.RPT SAMP91.RPT BTM91.RPT FLOODD91.RPT HYDO91.RPT MINS91.RPT POREW91.RPT SONI091.RPT COMP91.RPT FLODL91.RPT LITH91.RPT PERW91.RPT POR91.RPT SPRING91.RPT CORC91.RPT FLOOD91.RPT MATP91.RPT PMAGD91.RPT REF91.RPT SPRINGS91.RPT STUR91.RPT THERMALC91.RPT THERMS91.RPT TRANS91.RPT WELLC91.RPT WTRL91.RPT DATHDICT.RPT  ACQN/DEVL LOCATION : SNL	04/02/91-04/02/91	SEPDB PRODUCT	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SE00000SEP0092.000	SEPDB PRODUCT: SEP0092. 1) HYDRAULIC CONDUCTIVITY/LITHOLOGIC REPORT. 2) REFERENCES USED TO PRODUCE THE HYDRAULIC CONDUCTIVITY/LITHOLOGIC REPORT.  ACQN/DEVL LOCATION : SNL	06/19/91-06/19/91	SEPDB PRODUCT	D N C
SE00000SEP0093.000	SEPDB PRODUCT: SEP0093. 1) UNIAXIAL AND TRIAXIAL STRENGTH DATA FOR DRILL HOLE USW G-2. 2) SUPPORTING COMPRESSIVE STRENGTH DATA FOR DRILL HOLE USW G-2. 3) SUPPORTING ELASTIC PROPERTIES DATA FOR DRILL HOLE USW G-2. 4) SUPPORTING POROSITY DATA FOR DRILL HOLE USW G-2. 5) SUPPORTING BULK DENSITY DATA FOR DRILL HOLE USW G-2. 6) SUPPORTING GRAIN DENSITY DATA FOR DRILL HOLE USW G-2. 7) SUPPORTING GEOLOGIC STRATIGRAPHY DATA FOR DRILL HOLE USW G-2. 8) SUPPORTING THERMAL-MECHANICAL DATA FOR DRILL HOLE USW G-2.  ACQN/DEVL LOCATION : SNL	06/07/91-06/07/91	SEPDB PRODUCT	D N C
SE00000SEP0094.000	SEPDB PRODUCT: SEP0094. 1) IN-SITU PORE SATURATION. 2) REFERENCES USED TO PRODUCE THE IN-SITU PORE SATURATION REPORT.  ACQN/DEVL LOCATION : SNL	06/27/91-06/27/91	SEPDB PRODUCT	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SE00000SEP0095.000	SEPDB PRODUCT: SEP0095, 1) POROSITY REPORT 2) GRAIN DENSITY REPORT 3) BULK DENSITY REPORT 4) REFERENCES TO PRODUCE SEP0095.  ACQN/DEVL LOCATION : SNL	07/02/91-07/02/91	SEPDB PRODUCT.	D N C
SE00000SEP0096.000	SEPDB PRODUCT: SEP0096, DRILLHOLE DATA FROM SEPDB - JULY 10, 1991.  ACQN/DEVL LOCATION : SNL	07/10/91-07/10/91	SEPDB PRODUCT.	D N C
SE00000SEP0097.000	SEPDB PRODUCT: SEP0097, 1) GRAIN DENSITY REPORT 2) POROSITY REPORT 3) PORE SATURATION REPORT 4) REFERENCES USED TO PRODUCE SEPDB PRODUCT SEP0097 5) LITHOLOGIC REPORT.  ACQN/DEVL LOCATION : SNL	07/11/91-07/11/91	SEPDB PRODUCT.	D N C
SE00000SEP0098.000	SEPDB PRODUCT: SEP0098, 1) MINERALOGIC SAMPLES AND TEST CONDITIONS 2) WATER TEMPERATURE DATA 3) REFERENCES USED TO PRODUCE SEPDB PRODUCT SEP0098.  ACQN/DEVL LOCATION : SNL	07/24/91-07/24/91	SEPDB PRODUCT.	D N C

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TBD PRODUCTS

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SE00000SEP0099.000	SEPDB PRODUCT SEP0099, 1) DRILL HOLE DATA FROM SEPD 2) LITHOLOGIC DATA 3) THERMAL STRATIGRAPHIC DATA 4) WATER LEVEL DATA 5) REFERENCES USED IN SEPDB PRODUCT SEP0099.  ACQN/DEVL LOCATION : SNL	08/01/91-08/01/91	SEPDB PRODUCT	D N C
SE00000SEP0100.000	SEP0100 (COPY OF SEP0070) 1) ALL197.RPT 2) BDEN197.RPT (DRY BULK DENSITY SHOWING WHERE HOLE ID/DEPTH DUPLICATION OCCURS 3) HYD197.RPT (HYDRAULIC CONDUCTIVITY REPORT SHOWING WHERE HOLE ID/DEPTH DUPLICATION OCCURS) 4) POR197.RPT (POROSITY REPORT SHOWING WHERE HOLE ID/DEPTH DUPLICATION OCCURS) 5) REFERENCES FOR SEPDB PRODUCT SEP0070 6) NOTE TO DAVE GREEN EXPLAINING PRODUCT.  ACQN/DEVL LOCATION : SNL	08/08/91-08/08/91	SEPDB PRODUCT	D N C
SE00000SEP0101.000	SEPDB PRODUCT: SEP0101 1) BULK DENSITY REPORT 2) GRAIN DENSITY REPORT 3) POROSITY REPORT 4) COMPRESSIVE STRENGTH REPORT 5) ELASTIC PROPERTIES REPORT 6) HYDRAULIC CONDUCTIVITY REPORT 7) THERMAL STRATIGRAPHIC REPORT 8) REFERENCE REPORT.  ACQN/DEVL LOCATION : SNL	09/04/91-09/04/91	SEPDB PRODUCT.	D N C

## TBD PRODUCTS

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SE00000SEP0102.000	SEPDB PRODUCT: SEP0102 1) POROSITY REPORT 2) REFERENCE REPORT FOR SEP0102.  ACQN/DEVL LOCATION : SNL	09/05/91-09/05/91	SEPDB PRODUCT.	D N C
SE00000SEP0103.000	SEPDB PRODUCT SEP0103 (SE00000SEP0103.000) 1) WATER LEVEL REPORT (WITH LAND SURFACE ALTITUDE) 2) WATER LEVEL REPORT (WITHOUT LAND SURFACE ALTITUDE) 3) SUPPORTING INFORMATION FROM HOLE HISTORIES.  ACQN/DEVL LOCATION : SNL	10/01/91-10/01/91	SEPDB PRODUCT.	D N C
SE00000SEP0104.000	SEPDB PRODUCT SEP0104 (SE00000SEP0104.000) 1) REFERENCE REPORT (CITATION, SHORT TITLE AND AUTHORS)  ACQN/DEVL LOCATION : SNL	10/01/91-10/01/91	SEPDB PRODUCT.	D N C
SE00000SEP0105.000	SEPDB PRODUCT SEP0105 (SE00000SEP0105.000) 1) DRILL HOLE IDENTIFICATION AND LOCATION REPORT (WITH TOP-OF-CASING) 2) DRILL HOLE IDENTIFICATION AND LOCATION REPORT (WITHOUT TOP-OF-CASING) 3) REFERENCE REPORT FOR DRILL HOLES.  ACQN/DEVL LOCATION : SNL	10/01/91-10/01/91	SEPDB PRODUCT.	D N C

## 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
8.3.1.2.1.2.2	Transport of debris by severe runoff
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
8.3.1.2.2.1.1	Characterization of hydrological properties of surficial materials
8.3.1.2.2.1.2	Evaluation of natural infiltration
8.3.1.2.2.3.2	Site vertical borehole studies
8.3.1.2.2.4.9	Multipurpose-borehole testing near the exploratory shafts
8.3.1.2.2.6.1	Gaseous-phase circulation study
8.3.1.2.2.7.1	Gaseous - phase chemical investigations
8.3.1.2.2.8.1	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
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
8.3.1.3.2.1.2	Mineral distributions between the host rock and the accessible environment



ACTIVITY NO.	ACTIVITY NAME
8.3.1.3.2.1.3	Fracture mineralogy
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
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
8.3.1.6.2.1.1	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

ACTIVITY NO.	ACTIVITY NAME
8.3.1.12.2.1.1	Site meteorological monitoring program
8.3.1.14.2.2.1	Physical property and index laboratory tests
8.3.1.15.1.2.1	Thermal expansion characterization
8.3.1.15.2.1.2	Overcore stress experiments in the exploratory shaft 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
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

**ACTIVITY NO.****ACTIVITY NAME**

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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
8.3.1.17.4.12.1	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
8.3.5.12.2.2	Verification and validation