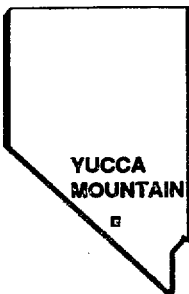


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U.S. DEPARTMENT OF ENERGY

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**YUCCA MOUNTAIN**

**SITE CHARACTERIZATION**

**PROJECT**

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



*102.8*  
**JUNE 30, 1992**

**UNITED STATES DEPARTMENT OF ENERGY**

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PDR WASTE  
WM-11

PDR

*Received by Mr. 8/3/92*

**YUCCA MOUNTAIN  
SITE CHARACTERIZATION PROJECT**

**TECHNICAL DATA CATALOG**

**JUNE 30, 1992**

Prepared by

Technical and Management Support Services  
Information Management  
Yucca Mountain Site Characterization Project  
101 Convention Center Drive  
Las Vegas, Nevada 89109

*102.8*

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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 YMP. 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 March 31, 1992.

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 (SCPB) 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 an NRC accepted 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.

# ENVIRONMENTAL MONITORING AND MITIGATION PLAN

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

## METEOROLOGICAL MONITORING PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
TM0000000000001.018	METEOROLOGICAL DATA FOR THE YUCCA MOUNTAIN SITE FROM SEPTEMBER 1988 THROUGH AUGUST 1989.  ACQN/DEVL LOCATION : N733230 (N) E580882 (N) N761795 (N) E569127 (N) N766195 (N) E562876 (N) N766434 (N) E558862 (N) N769661 (N) E576810 (N)	09/01/88-08/31/89	ELECTRONIC INSTRUMENTATION.	A N C
TM0000000000001.021	AMBIENT AIR MONITORING REPORT, JULY - SEPTEMBER 1991  ACQN/DEVL LOCATION : AREA 25, NTS	07/01/91-09/30/91	AUTOMATIC FIELD COLLECTION OF METEOROLOGICAL DATA	A Y C
TM0000000000001.022	METEOROLOGICAL DATA FOR YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT, FOR THE PERIOD OF DECEMBER 1985 TO AUGUST 1989.  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	12/01/85-08/31/89	AUTOMATIC RECORDING BY DATA LOGGERS	A N P
TM0000000000001.023	METEOROLOGICAL DATA FOR THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FOR THE PERIOD OF DECEMBER 1985 TO AUGUST 1989  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	12/01/85-08/31/89	AUTOMATIC RECORDING BY DATA LOGGERS	A N C

# METEOROLOGICAL MONITORING PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
*TM000000000001.024	METEOROLOGICAL AND AIR QUALITY DATA IN SUPPORT OF STATE OF NEVADA AIR QUALITY PERMIT	01/01/92-03/31/92	REFORMATING OF DATA ACQUIRED BY DATALOGGERS
	ACQN/DEVL LOCATION : T&MSS		

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# RADIOLOGICAL MONITORING PLAN

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

# RADIOLOGICAL MONITORING PLAN

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

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## RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TM000000001991.002	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR SECOND QUARTER 1991.  ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES	03/29/91-06/27/91	TLD DATA ACQUIRED PER T&MSS WORK INSTRUCTIONS WI-RM-901, WI-RM-902, WI-RM-903, AND WI-RM-905.	A Y C
*TM000000001991.003	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR THIRD QUARTER 1991.  ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES	06/24/91-10/30/91	TLD DATA ACQUIRED PER T&MSS WORK INSTRUCTIONS WI-RM-901, WI-RM-902, WI-RM-903, AND WI-RM-905.	A Y C
*TM000000001991.004	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR FOURTH QUARTER 1991.  ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES	09/27/91-01/24/92	TLD DATA ACQUIRED PER T&MSS WORK INSTRUCTIONS WI-RM-901, WI-RM-902, WI-RM-903, AND WI-RM-905.	A Y C
*TM000000001991.005	EPERM DATA FOR JANUARY AND FEBRUARY 1991  ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES	01/18/91-03/05/91	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
*TM000000001991.006	EPERM DATA FOR MARCH 1991.  ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES	03/05/91-04/08/91	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C

# RADIOLOGICAL MONITORING PLAN

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

## RADIOLOGICAL MONITORING PLAN

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

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# RADIOLOGICAL MONITORING PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TM000000001992.002	EPERM DATA FOR FEBRUARY 1992.	02/12/92-03/10/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			
*TM000000001992.003	EPERM DATA FOR MARCH 1992.	03/09/92-04/14/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			
*TM000000001992.004	ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR APRIL 1992	04/14/92-05/15/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES			
*TM000000001992.005	ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR MAY 1992.	05/15/92-06/05/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A Y C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES.			
*TM000019891990.001	YUCCA MOUNTAIN PROJECT SITE RADIOLOGICAL MONITORING DATA SUMMARY REPORT FOR CALENDAR YEARS 1989-1990.	01/01/89-12/31/90	COLLECTION METHODS CONSISTENT WITH THE COLLECTION METHODS SPECIFIED IN THE ENVIRONMENTAL REGULATORY GUIDE FOR RADIOLOGICAL EFFLUENT MONITORING AND ENVIRONMENTAL SURVEILLANCE JANUARY 1991 AS REQUIRED BY DOE ORDER 5400.5 FEBRUARY 8, 1990.	D N C
	ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5 (N), E570434.6 (N)			

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## SITE CHARACTERIZATION PLAN BASELINE

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

SITE CHARACTERIZATION PLAN BASELINE

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920308312111.001	0.1MM RESOLUTION PRECIPITATION DATA GENERATED BY THE QUALIMETRICS, INC. MODEL 6041-B PROPANE HEATED TIPPING BUCKET RAIN AND SNOW GAGE.  ACQN/DEVL LOCATION : YUCCA MOUNTAIN	05/03/89-03/20/92	AUTOMATED PRECIPITATION GAGE AND C.S.I. 21X DATALOGGER.	A N P
*GS920308312111.002	WIND SPEED DATA GENERATED BY A MET-ONE INC. MODEL 024A (SERIAL NO. 503-83) AT WEATHER STATION NO. 5 DURING THE PERIOD MAY 3, 1989 TO JANUARY 11, 1990.  ACQN/DEVL LOCATION : YUCCA MOUNTAIN	05/03/89-01/11/90	MET-ONE INC. MODEL 024A WIND SPEED SENSOR AND C.S.I. 21X DATALOGGER.	A N P
Activity - 8.3.1.2.1.2.1				
GS901208312111.001	SURFACE-WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENT NOTES, AND PRECIPITATION DATA COLLECTED DURING WATER YEARS 1983-85 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA.  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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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.2.2				
GS910308312122.001	DEBRIS TRANSPORT DATA COLLECTED DURING AUGUST 1989.	08/09/89-08/10/89	DATA WERE COLLECTED USING METHODS DESCRIBED IN HP-174, REVISION 0 AND REVISION 1.	A Y P
	ACQN/DEVL LOCATION : MILLER MOUNTAIN, NV AND BENTON, CA			
GS910908312122.002	PARTICLE-SIZE DISTRIBUTION ANALYSES.	11/16/90-11/16/90	PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS.	A Y P
	ACQN/DEVL LOCATION : 39 17'25"N 119 49'25"W			
GS910908312122.003	PARTICLE-SIZE DISTRIBUTION ANALYSES.	05/22/91-05/22/91	PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS.	A Y P
	ACQN/DEVL LOCATION : 39 17'25"N 119 49'25"W			
GS910908312122.004	PARTICLE-SIZE DISTRIBUTION ANALYSES.	11/08/90-11/08/90	PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS.	A Y P
	ACQN/DEVL LOCATION : 36 14'36"N 118 03'25"W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910908312122.005	PARTICLE-SIZE DISTRIBUTION ANALYSES.	11/09/90-11/09/90	PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS.	A Y P
ACQN/DEVL LOCATION : 36 14'36"N 118 03'25"W				
*GS920308312122.001	SCIENTIFIC NOTEBOOK, USGS-SN-0002, VOL. 2; TRANSPORT OF DEBRIS BY SEVERE RUNOFF, FOR THE PERIOD OF 11/16/90 TO 8/16/91.	11/16/90-08/16/91	THIS SCIENTIFIC NOTEBOOK AND THE DOCUMENTATION THEREIN WERE DEVELOPED UNDER HP-197T, R0 AND QMP 5.05, R2.	A Y P
ACQN/DEVL LOCATION : NTS AND A 200 MILE RADIUS THEREOF.				
Activity - 8.3.1.2.1.3.2				
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 C
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)				
*GS920308312132.001	GROUND WATER LEVELS MEASURED IN SELECTED WELLS IN THE AMARGOSA DESERT. PIEZOMETERS WERE USED RESULTING IN TWO LEVELS OF MEASUREMENTS IN SAME WELL.	05/21/91-06/07/91	WATER LEVEL DATA WERE ACQUIRED USING WELL SOUNDER (HP-99, R1) AND HAND HELD STEEL TAPE (HP-61, R0).	A Y P
ACQN/DEVL LOCATION : 36 15'22"N 116 04'47"W 36 15'33"N 116 11'14"W 36 18'23"N 116 25'14"W 36 31'34"N 116 29'20"W 36 32'34"N 116 32'17"W 36 32'43"N 116 35'41"W 36 33'16"N 116 36'24"W				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	36 34'10"N 116 26'11"W 36 52'53"N 116 45'05"W AM-1 AM-2 JC-5 LC-262 NA-6 NT-1 S-1 WELL 13 WELL 14			
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

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Activity - 8.3.1.2.1.3.4				
GS910408312134.001	EVAPOTRANSPIRATION DATA, RESULTS FROM EDDY-CORRELATION PLOTS AND ANALYSES FOR FRANKLIN LAKE PLAYA. POTENTIAL EVAPOTRANSPIRATION FOR FRANKLIN LAKE.	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A N C
	ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W			
GS910408312134.002	WELL TEST DATA FOR WELLS AT FRANKLIN LAKE PLAYA.	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A N C
	ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W			
GS910408312134.003	THERMAL DATA AND ANALYSES FOR FRANKLIN LAKE PLAYA.	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A N C
	ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W			
GS910408312134.004	POTENTIOMETRIC DATA AND ANALYSES FOR FRANKLIN LAKE PLAYA.	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A N C
	ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W			
GS910408312134.005	SENSITIVITY ANALYSES FOR UNSATURATED ZONE FLOW MODEL OF FRANKLIN LAKE PLAYA ( 1 DIMENSIONAL).	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A N C
	ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W			

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GS910408312134.006	MOISTURE CONTENT FOR FRANKLIN LAKE PLAYA. ACQN/DEVL LOCATION : 36 10'N 116 20'W ; 36 18'N 116 20'W 36 18'N 116 25'W ; 36 10'N 116 25'W	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A N C
GS920308312134.001	HYDROCHEMICAL DATA FROM WELL FL OBTAINED WITH A MULTILEVEL SAMPLER AT FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA ACQN/DEVL LOCATION : 36 16'00"N 116 23'00"W	06/21/89-12/31/89	HYDROCHEMICAL OF WELL WATER FROM WELL FL USING AN INSITU MULTILEVEL SAMPLER DEPLOYED FOR PERIODS OF EIGHT DAYS AND THIRTY DAYS. WELL WAS ALSO BAILED. SEE USGS-HP-200 FOR DESCRIPTION OF METHODS.	D N P
Activity - 8.3.1.2.1.4.1				
GS910408312141.001	POTENTIOMETRIC DATA, TRANSMISSIVITY AND HYDRAULIC CONDUCTIVITY DATA, EVAPOTRANSPIRATIONAL DATA, MOISTURE CONTENT IN UNSATURATED ZONE DATA AND MODEL SENSITIVITY DATA. ACQN/DEVL LOCATION : 36 14'N 116 25'W 36 19'N 116 20'W	05/01/83-05/01/87	DIRECT FIELD MEASUREMENTS AND DATA, COMPUTER GENERATED DATA.	A N P

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

## SITE CHARACTERIZATION PLAN BASELINE

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

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.1.2				
GS910808312212.001	GEOHYDROLOGIC DATA FROM SHALLOW NEUTRON-ACCESS HOLES, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY DANIEL O BLOUT, DALE P HAMMERMEISTER, CAROLE LOSKOT, AND MICHAEL P CHORNACK.	07/01/84-02/01/86	REFER TO TECHNICAL PROCEDURE HP-62 FOR DETAILS CONCERNING DATA COLLECTION METHODS.	A N P
	ACQN/DEVL LOCATION :			
	UE25 UZN-1			
	UE25 UZN-10			
	UE25 UZN-11			
	UE25 UZN-12			
	UE25 UZN-13			
	UE25 UZN-14			
	UE25 UZN-18			
	UE25 UZN-19			
	UE25 UZN-2			
	UE25 UZN-20			
	UE25 UZN-21			
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	UE25 UZN-23			
	UE25 UZN-28			
	UE25 UZN-29			
	UE25 UZN-3			
	UE25 UZN-30			
	UE25 UZN-4			
	UE25 UZN-5			
	UE25 UZN-56			
	UE25 UZN-6			
	UE25 UZN-60			
	UE25 UZN-7			
	UE25 UZN-8			
	UE25 UZN-85			
	UE25 UZN-9			
	UE25 UZN-97			
	UE25 UZNC-1			
	UE25 UZNC-2			
	UE29 UZN-91			
	UE29 UZN-92			
	USW UZ-N24			
	USW UZ-N25			
	USW UZ-N26			
	USW UZ-N40			
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	USW UZ-N42		
	USW UZ-N43		
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	USW UZ-N45		
	USW UZ-N46		
	USW UZ-N47		
	USW UZ-N48		
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	USW UZ-N52		
	USW UZ-N65		
	USW UZ-N66		
	USW UZ-N67		
	USW UZ-N68		
	USW UZ-N69		
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	USW UZ-N71		
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	USW UZ-N98		

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920108312212.004	DATA COLLECTED ON FIELD AND LAB EXPERIMENTS TO ASSESS SUITABILITY OF A COLLIMATED NEUTRON PROBE.  ACQN/DEVL LOCATION : AREA 25, NTS.	05/01/86-12/31/87	DATA RECORDED BY HAND ACCORDING TO PROTOTYPE STUDIES FOR CHARACTERIZATION OF NATURAL INFILTRATION.	A N P
GS920208312212.001	WEATHER DATA COLLECTED USING A DATAPOD SYSTEM AT DILLARD, OR. FROM 1/86 TO 12/86. DATA INCLUDES DAILY VALUES FOR TOTAL DAILY SOLAR RADIATION, AND MAXIMUM-MINIMUM AND MEAN AIR TEMPERATURE. TECHNICAL JOURNAL ARTICLE "PREDICTION OF ACTUAL SOLAR RADIATION USING MODELED CLEARSKY RADIATION AND AIR TEMPERATURE".  ACQN/DEVL LOCATION : 43 00'00"N 123 07'00"W	01/01/86-12/31/86	DATA COLLECTED USING DATAPOD SYSTEM. (OMNIDATA, LOGAN, UT.)	A N P
GS920208312212.002	WEATHERSTATION DATA FOR WOLF CREEK, OR. FROM 1/83-12/83. DATA INCLUDES DAILY VALUES OF INCOMING SHORTWAVE RADIATION, AIR TEMPERATURE, DEWPOINT TEMPERATURE AND RELATIVE HUMIDITY. TECHNICAL JOURNAL ARTICLE "PREDICTION OF ACTUAL SOLAR RADIATION USING MODELED CLEARSKY RADIATION AND AIR TEMPERATURE".  ACQN/DEVL LOCATION : 42 07'00"N 123 03'00"W	01/01/83-12/31/83	STANDARD PENMAN WEATHERSTATION USING PYRANOMETER, THERMISTORS, LITHIUM CHLORIDE DEWCELL, AND DATALOGGERS.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F I T Y P E	Q U A L I T Y P E D
GS920208312212.003	WEATHERSTATION DATA FOR YUCCA MOUNTAIN, NV. FROM 1/88-12/88 AND 1/89-12/89. DATA INCLUDES DAILY VALUES OF SHORTWAVE SOLAR RADIATION, AND AIR TEMPERATURE. TECHNICAL JOURNAL ARTICLE "PREDICTION OF ACTUAL SOLAR RADIATION USING MODELED CLEARSKY RADIATION AND AIR TEMPERATURE".  ACQN/DEVL LOCATION : 36 08'00"N 116 04'00"W	01/01/88-12/31/89	QA APPROVED WEATHERSTATIONS AND ALL ACCOMPANYING INSTRUMENTS. HP-97, R0 AND HP-168, R0.	A	Y P
*GS920508312231.012	USW UZN-54 AND USW UZN-55 CORE ANALYSIS: BULK DENSITY, POROSITY, PARTICLE DENSITY AND IN SITU SATURATION.  ACQN/DEVL LOCATION : USW UZN-54 USW UZN-55	10/01/91-01/31/92	BULK DENSITY USING ARCHIMEDE'S METHOD, POROSITY USING SATURATED CORE, PARTICLE DENSITY CALCULATED FROM ABOVE, SATURATIONS DETERMINED GRAVIMETRICALLY FROM PRESERVED SAMPLES.	A	Y P
Activity - 8.3.1.2.2.3.1					
GS920108312231.001	CORE ANALYSES FOR VARIOUS WELLS IN NYE COUNTY. TESTS INCLUDE: KLINKENBERG PERMEABILITY TO AIR OVERBURDEN PRESSURE, PERMEABILITY TO AIR VERSUS RECIPROCAL MEAN PRESSURE, AIR-BRINE, CAPILLARY PRESSURE, UNSTEADY STATE GAS-WATER RELATIVE PERMEABILITY, AND SPECIFIC PERMEABILITY TO WATER.  ACQN/DEVL LOCATION : UE 25 #1 UE-25A #4 UE-25A #6 USW G-1 USW G-2	01/01/84-09/30/86	CORE ANALYSES STUDIES DONE BY USGS APPROVED VENDOR.	A	N C

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

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

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# SITE CHARACTERIZATION PLAN BASELINE

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

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920508312231.014	MOISTURE RETENTION CURVES AND PRESSURE MEASUREMENTS FOR TEST WELL USW H-1. ACQN/DEVL LOCATION : USW H-1	07/24/81-07/24/81	USGS STANDARD COLLECTION METHODS.	A N P
*GS920508312231.015	PRELIMINARY EVALUATION OF HYDROLOGIC PROPERTIES OF CORES OF UNSATURATED TUFF, TEST WELL USW H-1. ACQN/DEVL LOCATION : USGS	01/01/83-07/12/84	USGS STANDARD METHODS.	D N P
Activity - 8.3.1.2.2.3.2				
GS900908312232.001	GEOHYDROLOGIC DATA FROM TEST HOLE USW UZ-7, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA. ACQN/DEVL LOCATION : USW UZ-7	01/01/86-12/31/86	USGS STANDARD COLLECTION METHODS.	D N C
GS910808312232.002	UNSATURATED ZONE GEOLOGIC AND HYDROGEOLOGIC DATA COLLECTED FROM TEST HOLE USW UZ-6 RESULTING IN SCIENTIFIC PUBLICATION ENTITLED, GEOHYDROLOGIC AND DRILL-HOLE DATA FOR TEST HOLE USW UZ-6, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY MERRICK S WHITFIELD JR., COLLEEN M COPE, AND CAROLE L LOSKOT. ACQN/DEVL LOCATION : USW UZ-6	06/18/84-01/17/85	STANDARD USGS FIELD METHODS. MANY OF THE CURRENT HYDROLOGIC PROCEDURES IN PLACE WERE DEVELOPED AFTER THE COMPLETION OF THIS TEST HOLE. THE FOLLOWING HP'S WERE APPROVED PRIOR TO THIS ACTIVITY: HP-01, R0, HP-06, R0, HP-08, R0 AND HP-11, R0.	A N P

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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	
GS911108312232.005	CORE INDEX, SAMPLING RECORD, DESCRIPTION OF SAMPLES AND FRACTURES FOR USW UZ-13. ACQN/DEVL LOCATION : N752100(N) E558500(N)	01/24/85-04/18/85	USGS STANDARD COLLECTION METHODS.	A N C
GS911108312232.006	CORE DATA FOR USW UZ-13. ACQN/DEVL LOCATION : N752100(N) E558500(N)	01/24/85-04/18/85	USGS STANDARD COLLECTION METHODS.	A N C
GS911108312232.007	DRILL CUTTINGS - WATER CONTENT MEASUREMENTS FOR USW UZ-13. ACQN/DEVL LOCATION : N752100(N) E558500(N)	01/24/85-04/18/85	USGS STANDARD COLLECTION METHODS.	A N C
GS911108312232.008	WATER POTENTIAL DATA SC-10 FOR USW UZ-13. ACQN/DEVL LOCATION : N752100(N) E558500(N)	01/24/85-04/18/85	USGS STANDARD COLLECTION METHODS.	A N C
GS911108312232.009	LOGBOOK FOR USW UZ-13. ACQN/DEVL LOCATION : N752100(N) E558500(N)	01/24/85-04/18/85	USGS STANDARD COLLECTION METHODS.	A N C
GS911108312232.010	THERMOCOUPLE PSYCHROMETER CALIBRATION RECORDS SET 1: D13, D14, D15, D19, D21, E2, E3, E4, E5, E6, E7, E8, E9, 10, E12, E13, E14, E17, E19, E20, E22, E23, E24, E25, E26, E27, E30, E31. ACQN/DEVL LOCATION : HYDROLOGIC RESEARCH FACILITY, AREA 25, NTS	02/03/91-05/18/91	COLLECTED USING TCPCAL VERSION 1.008 SOFTWARE. YMP-USGS-NHP0044 01. GENERATED BY RUNNING THE PSYCHROMETERS THROUGH A SET OF CONTROLLED TEMPERATURES IN A SERIES OF NAC1 SOLUTIONS AND MEASURING VOLTAGE.	A Y P

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

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## 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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# SITE CHARACTERIZATION PLAN BASELINE

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

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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 - 8.3.1.2.2.7.2			
GS910408312272.001	COMPARISON OF PORE-WATER EXTRACTION BY TRIAXIAL COMPRESSION AND HIGH-SPEED CENTRIFUGATION METHODS.  ACQN/DEVL LOCATION : USGS	01/10/86-04/30/86	USGS STANDARD COLLECTION METHOD
*GS920408312272.002	"PRELIMINARY ISOTOPIC DATA ON UNSATURATED-ZONE FLOWS AT YUCCA MOUNTAIN, NEVADA" THIS PAPER PRESENTS THE DATA FOR TRITIUM, CHEMICAL COMPOSITION, CARBON-14, CARBON-13, OXYGEN-18, AND DEUTERIUM IN PORE WATER IN CORES OBTAINED FROM TWO TEST HOLES IN PAGANY WASH, A DRY CHANNEL ON THE EAST SIDE OF YUCCA MOUNTAIN.  ACQN/DEVL LOCATION : UE25 UZ #4 UE25 UZ #5	10/10/84-04/19/90	CORES WERE OBTAINED BY DRY-CORING. SAMPLES WERE SUBJECTED TO SUBJECTED TO TRIAXIAL COMPRESSION OR HIGH-SPEED CENTIFUGATION, THEN VACUUM DISTILLATION TO OBTAIN WATER FOR ANALYSES. ANALYSES DONE AT VARIOUS LABS THROUGHOUT THE COUNTRY.
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.  ACQN/DEVL LOCATION : LBL LABS	10/01/90-12/31/90	DEVELOPMENT OF MATHEMATICAL EXPRESSIONS
GS911008312281.002	SCIENTIFIC REPORT ENTITLED "FRACTAL CHARACTERISTICS OF FRACTURE ROUGHNESS AND APERTURE DATA", BY SUNIL KUMAR, GUDMUNDUR BODVARSSON, AND JIM BOERNGE  ACQN/DEVL LOCATION : G-TUNNEL, NEVADA TEST SITE	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.

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F Y P E	Q U A L I T Y I E N
GS920108312281.001	"SEMI-ANALYTICAL TREATMENT OF MATRIX/FRACTURE FLOW IN A DUAL-POROSITY SIMULATOR FOR UNSATURATED FRACTURED ROCK MASSES". DATA USED IN THIS PAPER CONSISTS OF PARAMETERS USED IN CAPILLARY PRESSURE AND RELATIVE PERMEABILITY CURVES. THESE PARAMETERS WERE TAKEN FROM THE REPORT "PRELIMINARY NUMERICAL SIMULATIONS OF GROUNDWATER FLOW IN THE UNSATURATED ZONE, YUCCA MOUNTAIN, NV", LBL-20553, 1986  ACQN/DEVL LOCATION : USGS	01/01/84-12/31/85	USGS STANDARD DEVELOPMENT METHODS	D N P	
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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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910408312312.004	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.  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	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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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 UE25C-2 UE25C-3 UE25P-1 UE25WT-13 UE25WT-16 UE25WT-6 USW G-3 USW H-1 USW H-3 USW H-4			

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F T Y P E	Q U A L I T Y P E D
	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				

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	WT-15 WT-17 WT-18 WT-7			
GS920108312312.001	SCIENTIFIC NOTEBOOK. WATER LEVEL AND BAROMETRIC PRESSURE DATA COLLECTED USING SENSORS CONNECTED TO DATA COLLECTION PLATFORMS (HANDAR MODEL S 70 A)	06/01/90-09/17/91	WATER LEVEL, BAROMETRIC PRESSURE AND RELATED DATA COLLECTED BY VARIOUS SENSORS, AND STORED AND TRANSMITTED BY THE HANDAR DATA COLLECTION PLATFORM. REFER TO HP-196T, R0 FOR A DETAILED DESCRIPTION OF PROCEDURE. REFER ALSO TO SN-004.	A Y P
	ACQN/DEVL LOCATION : UE 25 WT-6 USW G-3 USW H-4 USW H-5 USW H-6 USW WT-11			
GS920208312312.002	1991 PERIODIC WATER-LEVEL NETWORK LOGBOOK. RECORDS ALL DATA ACQUIRED FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN AT WELL SITES IN THE VICINITY OF YUCCA MOUNTAIN, NV.	01/01/91-12/31/91	HP-25, R1; HP-26, R1; AND HP-75, R1. MANUAL WATER-LEVEL MEASUREMENTS TAKEN WITH EITHER STEEL TAPES OR A MULTICONDUCTOR CABLE UNIT.	A Y P
	ACQN/DEVL LOCATION : J-11 J-12 J-13 TEST WELL B UE-29 A #1 UE-29 A #2 UE-29UZ91 UE-5N UE25 WT-12 UE25 WT-14 UE25 WT-17 UE25 WT-18 UE25 WT-3 UE25 WT-4 UE25 WT-6 UE25B #1 UE25P #1			

## SITE CHARACTERIZATION PLAN BASELINE

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW G-3			
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	USW H-4			
	USW H-5			
	USW H-6			
	USW VH-1			
	USW WT-1			
	USW WT-10			
	USW WT-7			
	UW25 WT-15			
	UW25 WT-16			
	UZ N2			
	UZ N3			
	UZ N4			
	UZ N5			
	UZ N6			
	UZ N7			
	UZ N8			
	UZ N9			
	UZ N91			
GS920208312312.003	1991 PERIODIC WATER-LEVEL MEASUREMENTS TAKEN AT VARIOUS BOREHOLES IN THE YUCCA MOUNTAIN AREA. FOURTH QUARTER OF 1991 DATA ONLY.	09/30/91-12/31/91	HP 25, R1:HP-26, R1; AND HP-75, R1. MANUAL WATER-LEVEL MEASUREMENTS TAKEN WITH EITHER STEEL TAPES OR A MULTICONDUCTOR CABLE UNIT.	A Y P
	ACQN/DEVL LOCATION : J-11 J-12 J-13 TEST WELL B UE-5N UE25 WT-12 UE25 WT-14 UE25 WT-15 UE25 WT-17 UE25 WT-18 UE25 WT-3 UE25 WT-4 UE25P #1 USW H-1, TUBE 2			

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW H-3 USW H-5 USW WT-1 USW WT-10 USW WT-7			
GS920208312312.004	1991 DATA COLLECTION, CONTINUOUS METHOD. WATER-LEVEL AND RELATED DATA COLLECTED IN THE VICINITY OF YUCCA MOUNTAIN.  ACQN/DEVL LOCATION : UE25 WT #13 UE25 WT #16 UE25 WT #6 UE25B #1 UE25P #1 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2	01/01/91-01/24/92	HP-25, R1; HP-26, R1; HP-60, R1; HP-71, R0; HP-75, R1; AND HP-196T, R0.	A Y P
GS920208312312.005	1991 RAW WATER-LEVEL DATA IN THE FOLLOWING FORMATS: ANALOG CHART RECORDER, RAW MILLIVOLT VALUES FROM TRANSDUCERS (GRAPHICAL AND NUMERICAL FORM), REGRESSION ANALYSES OF TRANSDUCER CALIBRATIONS (LOGBOOK PAGES ATTACHED), COPIES OF LOGBOOK PAGES CONTAINING DATA OBTAINED FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN WITH STEEL TAPES AND/OR MULTICONDUCTOR CABLES.  ACQN/DEVL LOCATION : J-11 J-12 J-13 TEST WELL B UE-25 WT #13 UE-25 WT #16 UE-25 WT #18	12/12/91-12/19/91	WATER-LEVEL DATA COLLECTED IN THE FOLLOWING WAYS: TRANSDUCER/DATALOGGER SYSTEM (HP-60, HP-71). TRANSDUCER/DCP SYSTEM (HP-196T). STEEL TAPES (HP-75) .MULTICONDUCTOR CABLE UNIT (HP-25). ANALOG CHART RECORDER (HP-60). CALIBRATION REGRESSIONS DONE USING STANDARD STATISTICAL EQUATIONS.	D Y P

## SITE CHARACTERIZATION PLAN BASELINE

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

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	UE-25 WT #18 UE-25 WT #3 UE-25 WT #4 UE-25 WT #6 UE-25B #1 UE-25C #1 UE-25C #2 UE-25C #3 UE-25P #1 UE-5N USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW VH-1 USW WT-1 USW WT-10 USW WT-11 USW WT-2 USW WT-7			
*GS920508312312.008	SELECTED WATER LEVEL DATA FROM WELLS IN THE YUCCA MOUNTAIN AREA. WELLS J-11, J-12, J-13, VH-1, UE-25 WT#13, UE-25 WT#15, UE-25P#1 FOR THE FIRST QUARTER, 1992.  ACQN/DEVL LOCATION : J-11 J-12 J-13 UE-25 WT#13 UE-25 WT#15 UE-25P#1 USW VH-1	01/02/92-03/31/92	HP-60, R1 AND HP-75, R1. CALIBRATION REGRESSIONS DONE USING STANDARD STATISTICAL CALCULATIONS. RAW WATER-LEVEL MEASUREMENTS CONVERTED TO DEPTH-TO-WATER BELOW LAND SURFACE USING WORKSHEETS. WORKSHEETS ARE SELF-EXPLANATORY.	D Y P



## SITE CHARACTERIZATION PLAN BASELINE

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

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS910508312313.005	MONITORING OF WATER-LEVEL RESPONSE TO UNDERGROUND NUCLEAR EXPLOSION BEXAR ON 4/4/91 AND TO AN EARTHQUAKE ON 4/23/91.  ACQN/DEVL LOCATION : UE25B-1 USW H-1	04/04/91-04/23/91	PLEASE REFER TO SCIENTIFIC NOTEBOOK PLANS HP-221T, R0, AND HP-222T, R0, FOR DETAILS OF THE COLLECTION METHODS.	A Y P
GS910908312313.006	MONITORING OF WATER-LEVEL RESPONSE TO UNDERGROUND NUCLEAR EXPLOSION HOYA ON AUGUST 15, 1991, AND AN EARTHQUAKE ON AUGUST 16, 1991. ADDITIONAL SUPPORTING DATA INCLUDED.  ACQN/DEVL LOCATION : USW H-4	05/24/91-08/28/91	PLEASE REFER TO SCIENTIFIC NOTEBOOK PLANS HP-221T, R0, AND HP-222T, R0, FOR DETAILS OF THE COLLECTION METHODS.	A Y P
GS910908312313.007	GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL USW H-5, YUCCA MOUNTAIN, NYE COUNTY, NEVADA: AN INTERPRETATION OF DATA COLLECTED DURING HYDRAULIC TESTING AND MONITORING, GEOPHYSICAL LOGGING, AND WATER SAMPLING OF TEST WELL USW H-5. HYDRAULIC TESTING AND MONITORING INCLUDED PUMP TESTS, HYDRAULIC HEADS, AND FLOW SURVEYS.  ACQN/DEVL LOCATION : USW H-5	05/01/82-08/31/82	USGS STANDARD COLLECTION METHODS.	D N P
GS910918312313.007	GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL USW H-5, YUCCA MOUNTAIN, NYE COUNTY, NEVADA: AN INTERPRETATION OF DATA COLLECTED DURING HYDRAULIC TESTING AND MONITORING, GEOPHYSICAL LOGGING, AND WATER SAMPLING OF TEST WELL USW H-5. HYDRAULIC TESTING AND MONITORING INCLUDED PUMP TESTS, HYDRAULIC HEADS, AND FLOW SURVEYS.  ACQN/DEVL LOCATION : USW H-5	05/01/82-08/31/82	U.S. GEOLOGICAL SURVEY STANDARD COLLECTION METHODS.	A N C

## 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
GS911108312313.008	MONITORING OF WATER-LEVEL RESPONSE TO A UNE ON OCTOBER 18, 1991.  ACQN/DEVL LOCATION : USW H-4	08/28/91-11/21/91	SCIENTIFIC NOTEBOOK PLAN HP-221T, R0 AND HP-222T, R0.	A Y P
GS911108312313.009	GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL USW H-6, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USW H-6	08/07/82-12/16/82	USGS STANDARD COLLECTION METHODS.	A N P
GS920208312313.001	TEMPERATURE LOGS RUN AT THE C-HOLE COMPLEX, YUCCA MOUNTAIN AREA, NEVADA.  ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3	10/24/91-10/25/91	A TEMPERATURE LOGGING TRUCK WAS USED TO RUN TEMPERATURE LOGS AT THE THREE C-HOLES.	A N P
GS920208312313.002	MONITORING WATER-LEVEL RESPONSE TO UNDERGROUND NUCLEAR EXPLOSIONS AND EARTHQUAKES.  ACQN/DEVL LOCATION : USGS	11/21/91-02/26/92	SCIENTIFIC NOTEBOOK PLAN HP-221T, R0.	A Y P
*GS920508312313.003	MONITORING WATER-LEVEL RESPONSE TO UNDERGROUND NUCLEAR EXPLOSIONS AND EARTHQUAKES FOR TEST WELLS USW H-5 AND USW H-6.  ACQN/DEVL LOCATION : USW H-5 USW H-6	02/24/92-05/22/92	REFERENCE SCIENTIFIC NOTEBOOK PLAN HP-221T, R0.	A Y P

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

## SITE CHARACTERIZATION PLAN BASELINE

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

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

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## SITE CHARACTERIZATION PLAN BASELINE

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

# SITE CHARACTERIZATION PLAN BASELINE

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



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.3.2.2				
GS900908312322.001	HYDROGEOLOGIC INFERENCES FROM DRILLERS LOGS AND FROM GRAVITY AND RESISTIVITY IN THE AMARGOSA DESERT, SOUTHERN NEVADA.	07/01/88-07/31/88	USGS STANDARD TEST METHODS.	D N C
ACQN/DEVL LOCATION : USGS				
Activity - 8.3.1.3.2.1.2				
*LA000000000015.001	GEOLOGIC EVALUATION OF SIX NONWELDED TUFF SITES FOR A SURFACE-BASED TEST FACILITY FOR THE YUCCA MOUNTAIN PROJECT	03/01/90-02/21/91	MODAL POINT COUNTS, X-RAY DIFFRACTION, NEUTRON ACTIVATION ANALYSIS, ATOMIC ABSORPTION SPECTROPHOTOMETRY, X-RAY FLUORESCENCE, LOSS ON IGNITION, PHOSPHOMOLYBDATE COLORIMETRY, AND FIELD OBSERVATIONS.	A Y P
ACQN/DEVL LOCATION : LANL				
*LA000000000018.001	REVISED MINERALOGIC SUMMARY OF YMP	09/01/81-11/01/88	X-RAY DIFFRACTION	D N P
ACQN/DEVL LOCATION : LANL				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.3.2.1.3				
*LA000000000002.001	ELECTRON MICROPROBE ANALYSES OF FRACTURE-LINING MANGANESE OXIDE MINERALS IN THE CRATER FLAT TUFF OF DRILL CORE USW- G-4.  ACQN/DEVL LOCATION : LANL	01/01/86-12/31/89	ELECTRON MICROPROBE DATA.	D N P
*LA0000000000020.001	FRACTURE-LINING MANGANESE OXIDE MINERALS IN SILICIC TUFF, YUCCA MOUNTAIN, NEVADA  ACQN/DEVL LOCATION : LANL	05/18/87-10/25/89	ELECTRON MICROPROBE ANALYSES	A N P
*LA0000000000021.001	FRACTURE-LINING MANGANESE OXIDE MINERALS IN SILICIC TUFF, YUCCA MOUNTAIN, NEVADA  ACQN/DEVL LOCATION : LANL	05/18/87-10/25/89	ELECTRON MICROPROBE ANALYSES	A N P
Activity - 8.3.1.3.2.2.1				
*LA0000000000016.001	PEDOGENESIS OF SILICEOUS CALCRETES OF YUCCA MOUNTAIN, NEVADA  ACQN/DEVL LOCATION : LANL	08/30/87-05/08/92	PETROGRAPHY, XRD, SEM, AND INAA ANALYSIS	A Y P
*LA0000000000016.002	PEDOGENESIS OF SILICEOUS CALCRETES OF YUCCA MOUNTAIN, NEVADA  ACQN/DEVL LOCATION : LANL	08/30/87-06/16/92	PETROGRAPHY, XRD, SEM AND INAA ANALYSIS	D Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.3.4.2				
**LA000000000003.001	"CHELATION" - ABSORBANCE -VS- WAVELENGTH (NM) DATA ACQN/DEVL LOCATION : LANL	08/01/90-09/30/90	INSTRUMENT READ-OUT	D Y P
*LA000000000003.002	"CHELATION" - ABSORBANCE -VS- WAVELENGTH (NM) DATA ACQN/DEVL LOCATION : LANL	07/03/85-07/01/91	INSTRUMENT READ-OUT	A Y P
**LA000000000004.001	"COLLOIDAL AGGLOMERATION" ACQN/DEVL LOCATION : LANL	06/01/91-08/31/91	INSTRUMENT READ-OUT	D Y P
*LA000000000004.002	COLLOIDAL AGGLOMERATION ACQN/DEVL LOCATION : LANL	07/03/85-06/15/92	INSTRUMENT READ-OUT	A Y P
Activity - 8.3.1.3.5.1.1				
*LA000000000012.001	MEASURED SOLUBILITIES AND SPECIATIONS OF NEPTUNIUM, PLUTONIUM, AND AMERICIUM IN A TYPICAL GROUNDWATER (J-13) FROM THE YUCCA MOUNTAIN REGION ACQN/DEVL LOCATION : LBL	10/01/85-09/30/91	THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENT FROM OVERSATURATION	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.3.6.1.1				
**LA000000000005.001	RADIONUCLIDE MIGRATION LABORATORY STUDIES FOR VALIDATION OF BATCH SORPTION STUDIES DATA	05/01/85-09/30/90	BATCH SORPTION EXPERIMENTS; COLUMN EXPERIMENTS WITH CRUSHED TUFF AND PURE MINERALS AND SOLID TUFF; DIFFUSION EXPERIMENTS UTILIZING SOLID TUFF FOLLOWING LANL/YMP DP'S 15, 86, 61, 35, 60, 62, 63, 66, AND 67.	D Y P
	ACQN/DEVL LOCATION : LANL			
**LA000000000006.001	LABORATORY STUDIES OF RADIONUCLIDES MIGRATION IN TUFF.	01/01/82-09/30/89	WORK UTILIZED COLUMN EXPERIMENTS WITH CRUSHED SOLID AND FRACTURED TUFF.	D Y P
	ACQN/DEVL LOCATION : LANL			
**LA000000000008.001	ACTINIDE BEHAVIOR ON CRUSHED ROCK COLUMNS.	01/01/88-06/30/92	CRUSHED TUFF COLUMNS WERE UTILIZED FOLLOWING LANL/YMP DP 15, 35, 62 AND 63.	D Y P
	ACQN/DEVL LOCATION : LANL			
**LA000000000009.001	RADIONUCLIDE MIGRATION AS A FUNCTION OF MINERALOGY.	04/01/90-04/30/91	BATCH SORPTION EXPERIMENTS AND COLUMN WITH CRUSHED PURE MINERALS WERE UTILIZED FOLLOWING LANL/YMP DP'S 86, 15, 35, 62, AND 63.	D Y P
	ACQN/DEVL LOCATION : LANL			
**LA000000000010.001	THE ELUTIONS OF RADIONUCLIDES THROUGH COLUMNS OF CRUSHED ROCK FROM THE NEVADA TEST SITE.	10/01/76-10/30/92	THIS WORK UTILIZED CRUSHED ROCK COLUMNS FOLLOWING LANL/YMP DETAILED PROCEDURE 15.	D Y P
	ACQN/DEVL LOCATION : LANL			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.3.6.2.2				
**LA0000000000007.001	DIFFUSION OF NONSORBING TRACERS IN YUCCA MOUNTAIN TUFF.	05/01/85-11/30/87	FOLLOWED LANL/YMP DP'S 66, 62, 35, AND 60.	D Y 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			
GS900908314211.003	PRELIMINARY GRAVITY INVESTIGATIONS OF THE WAHMONIE SITE, NEVADA TEST SITE, NYE COUNTY, NEVADA.	01/01/79-12/31/80	USGS STANDARD COLLECTION METHODS	D N C
	ACQN/DEVL LOCATION : WAHMONIE SITE			

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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.
GS900908314211.005	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.
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.

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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
GS910708314211.011	SR AND ND ISOTOPIC DATA AND RB, SR, ND, AND SM CONCENTRATIONS FROM DRILL CORE SPECIMANS FROM UE25A-1.  ACQN/DEVL LOCATION : UE25A-1	07/01/90-11/30/90	USGS STANDARD TEST METHODS.	D Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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
*GS920508314212.001	GRAVITY DATA . THIS FIELD DATA SET CONSISTS OF THE OBSERVED GRAVITY VALUES, TERRAIN CORRECTIONS, ELEVATION CONTROLS, CALIBRATION DATA, LOCATION DATA AND DATA RELATED TO SEISMIC REFLECTION TESTING.  ACQN/DEVL LOCATION : 36 37'05"N 115 52'05"W ; 37 22'05"N 116 37'05"W	02/14/78-03/19/86	GRAVITY DATA WAS COLLECTED USING LACOSTE AND ROMBERG METERS D-26, G161, G177, AND G614. GRAVITY STATIONS WERE TIED TO BASE STATIONS IN MERCURY OR BEATTY, NV. OR STATIONS IN THE SYNCLINE RIDGE AREA. STATION ELEVATIONS WERE CONTROLLED BY BENCHMARKS, POINTS SURVEYED WITH A HEWLETT-PACKARD ELECTRONIC DISTANCE MEASURING DEVICE, OR PHOTOGRAMETRIC SPOT ELEVATIONS. TERRAIN CORRECTIONS CONSIST OF THE INNERMOST (FIELD), THE INNER-ZONE (MANUAL), AND THE OUTER-ZONE TERRAIN CORRECTIONS.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
*GS920508314212.002	MAGNETIC DATA (GROUND) GATHERED ALONG SIX PROFILES (LINES PA, PB, PD, PE, PF, AND PL) ACROSS FORTYMILE WASH, NEVADA TEST SITE, NEVADA.	01/16/81-04/08/82	DATA WAS COLLECTED WITH THE SENSOR AT 2.4M A N P (8FT.) ABOVE THE SURFACE. A GEOMETRICS PORTABLE PROTON PRECESSION MAGNETOMETER MODEL G-816 AND BASE STATION MAGNETOMETER G-826A WERE USED. A BASE STATION WAS REQUIRED TO MAKE CORRECTIONS FOR DIURNAL TIME VARIATIONS OF THE EARTH'S MAGNETIC FIELD. THE BASE STATION WAS LOCATED NEAR WELL J-13 AND READINGS WERE TAKEN AT TWO MINUTE INTERVALS OR LESS. MAGNETIC OBSERVATIONS ARE ACCURATE TO ABOUT 1 NT.
ACQN/DEVL LOCATION : 36 37'30"N 116 15'00"W ; 37 00'00"N 116 30'00"W			
*GS920508314212.003	DENSITY DATA FROM SAMPLES COLLECTED AROUND THE FORTYMILE WASH AND WAHMONIE FLATS AREA OF THE NEVADA TEST SITE, NEVADA.	03/19/80-11/02/82	DENSITIES WERE DETERMINED BY WEIGHING THE A N P SAMPLE IN AIR, THEN WEIGHING THE SAMPLES SUBMERGED IN WATER USING AN ELECTRONIC BALANCE EQUIPPED WITH A STIRRUP AND SUSPENDING THE SAMPLE BY A WIRE. GRAIN DENSITY WAS CALCULATED FROM THE DIFFERENCE OF THE TWO WEIGHINGS, USING ARCHIMEDES' PRINCIPLE.
ACQN/DEVL LOCATION : FORTYMILE WASH WAHMONIE FLATS			
*GS920508314212.004	FORTYMILE WASH GRAVITY AND MAGNETIC DATA AND DENSITY DATA, NEVADA TEST SITE, NEVADA.	01/01/58-05/29/87	THIS IS A SELECTION OF GRAVITY, MAGNETIC, D N P AND DENSITY DATA FROM THE FORTYMILE WASH AREA OF THE NEVADA TEST SITE. THIS SUBSET OF DATA WAS EXTRACTED FROM DATA PREVIOUSLY DOCUMENTED ON ACQUIRED AND DEVELOPED DATA TDIFS.
ACQN/DEVL LOCATION : USGS			

# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920508314212.005	OFR 89-682AB, PRINCIPAL FACTS FOR ABOUT 16,000 GRAVITY STATIONS IN THE NEVADA TEST SITE AND VICINITY. TABLES INCLUDE: STATION NAME, LATITUDE, LONGITUDE, ELEVATION, OBSERVED GRAVITY, FREE-AIR ANOMALY, INNER ZONE TERRAIN CORRECTION, COMPLETE BOUGUER ANOMALY, ISOSTATIC RESIDUAL ANOMALY, AND THE DATA THE STATION WAS OCCUPIED. AUTHORS ARE R. HARRIS, D. PONCE, D. HEALY, AND H. OLIVER	01/01/58-05/29/87	ALL GRAVITY DATA WERE REDUCED USING STANDARD GRAVITY CORRECTIONS, INCLUDING: EARTH-TIDE CORRECTION; INSTRUMENT DRIFT CORRECTION; LATITUDE CORRECTION; FREE-AIR CORRECTION; BOUGUER CORRECTION; CURVATURE CORRECTION; TERRAIN CORRECTION; AND ISOSTATIC CORRECTION. FURTHER INFORMATION ON THE GRAVITY DATA REDUCTION METHODS CAN BE FOUND ON PG. 5 OF OFR 89-682-A.	D N P
ACQN/DEVL LOCATION : 36 35'05"N 115 52'05"W ;37 22'05"N 116 37'05"W				
*GS920508314212.006	GRAVITY AND MAGNETIC DATA OF FORTYMILE WASH, NEVADA TEST SITE, NEVADA.	10/01/81-05/26/92	THE INTERPRETATIONS CONTAINED IN THE PUBLICATION WERE BASED ON THE AUTHOR'S COMBINED EDUCATION AND WORK EXPERIENCE.	D N P
ACQN/DEVL LOCATION : USGS				
*GS920608314212.006	USGS OFR 89-446, PRELIMINARY AEROMAGNETIC MAP OF THE NEVADA TEST SITE AND VICINITY, NEVADA. THIS IS A MERGED AEROMAGNETIC MAP OF THE NTS AND VICINITY PREPARED FROM EIGHT SEPARATE AEROMAGNETIC SURVEYS.	01/01/60-12/31/80	THE EIGHT AEROMAGNETIC SURVEY DATA SETS WERE COMPILED AND MERGED BY KUCKS AND HILDEBRAND (1987) AS PART OF A STATEWIDE AEROMAGNETIC MAP OF NEVADA (HILDEBRAND AND KUCKS, 1988). DURING PROCESSING EACH DATA SET WAS GRIDDED AT A 1-KM INTERVAL, AND A GEOMAGNETIC REFERENCE FIELD WAS REMOVED. PRIOR TO MERGING, EACH GRID WAS EITHER UPWARD OR DOWNWARD CONTINUED TO 1000 FT. ABOVE THE GROUND AND DATUM SHIFTS WERE APPLIED, WHERE NECESSARY, TO ACHIEVE AN OVERALL CONSTANT DATUM.	A N P
ACQN/DEVL LOCATION : 36 37'30"N 115 52'30"W ;37 22'30"N 116 37'30"W				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920608314212.008	GROUND MAGNETIC DATA - GATHERED ALONG TRAVERSES SOUTH OF ARMAGOSA VALLEY (FORMALLY LATHROP WELLS), NEVADA. <E-W LATHROP, N-S CRATER FLAT, LATHROP WELLS N-S>	03/15/86-03/19/86	MAGNETIC DATA WERE ACQUIRED UNDER PROCEDURE DESCRIBED IN GPP 11	A N P
ACQN/DEVL LOCATION : 36 30'00"N 116 15'00"W ; 36 40'00"N 116 30'00"W				
Activity - 8.3.1.4.2.1.3				
GS900908314213.001	BOREHOLE GEOPHYSICAL MEASUREMENTS FOR HOLE UE25A-3, NEVADA TEST SITE, NUCLEAR WASTE ISOLATION PROGRAM.	06/02/78-06/08/78	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : UE25A-3				
GS900908314213.002	PRELIMINARY INTERPRETATIONS OF GEOLOGIC RESULTS OBTAINED FROM BOREHOLES UE25A-4, -5, 06, AND -7, YUCCA MOUNTAIN, NEVADA TEST SITE.	06/01/79-06/30/79	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : UE25A-4 UE25A-5 UE25A-6 UE25A-7				
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.	01/01/81-12/31/81	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
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
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.
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.
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.

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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.
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
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
GS920108314213.001	GEOPHYSICAL LOGS AND CORE MEASUREMENTS FROM FORTY BOREHOLES AT YUCCA MOUNTAIN.  ACQN/DEVL LOCATION : J-13 UE-25A #1 UE-25A #6 UE-25A #7 UE-25B #1 UE-25C #1 UE-25C #2 UE-25C #3 UE-25P #1	01/01/78-12/31/84	USGS STANDARD COLLECTION METHODS

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UE-25WT #16  
UE-25WT #17  
UE-25WT #18  
UE-25WT #3  
UE-25WT #4  
UE-25WT #6  
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USW G-2  
USW G-4  
USW GU-3  
USW H-1  
USW H-3  
USW H-4  
USW H-5  
USW H-6  
USW UZ-1  
USW UZ-6  
USW VH-1  
USW VH-2  
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USW WT-7

\*GS920608314213.002 PHYSICAL PROPERTIES OF ASH FLOW TUFF  
FROM YUCCA MOUNTAIN, NEVADA, PUBLISHED  
REPORT BY PHILIP H. NELSON AND LENNART  
A. ANDERSON

03/01/91-02/10/92 AUTHORS CONFINED ATTENTION TO ELECTRICAL D N P  
RESISTIVITY, SONIC VELOCITY, DENSITY,  
POROSITY, & PERMEABILITY, RELATING THEM TO  
MINERALOGICAL AND GEOLOGICAL  
DETERMINATIONS MADE BY OTHERS. AUTHORS  
RELY ON PETROPHYSICAL MODELS DEVELOPED FOR  
CLASTIC ROCKS TO BETTER UNDERSTAND HOW  
VARIATIONS IN POROSITY AND MINERALOGY ARE  
REFLECTED IN THE PHYSICAL PROPERTIES.

ACQN/DEVL LOCATION : USGS

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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.	10/08/78-10/08/78	USGS STANDARD METHODS.
	ACQN/DEVL LOCATION : USGS		
GS900908314215.002	MAGNETOMETRIC RESISTIVITY SURVEY NEAR FORTY-MILE WASH, NEVADA TEST SITE, NEVADA. THIS REPORT DESCRIBES THE RESULTS OF THE SURVEY.	06/01/80-06/30/80	USGS STANDARD TEST METHODS.
	ACQN/DEVL LOCATION : FORTY-MILE WASH, NTS		
GS900908314215.003	REMOTE-REFERENCE MAGNETOTELLURIC SURVEY, NEVADA TEST SITE AND VICINITY, NEVADA AND CALIFORNIA.	01/01/81-12/31/81	MAGNETOTELLURIC SURVEY.
	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		

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



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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F I Y P E	Q U A L I T Y P E D
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.		N P
GS911108314215.009	MEASUREMENTS OF REMNANT MAGNETIZATION, RAW DATA.  ACQN/DEVL LOCATION : 36 57'N 116 20'W	01/01/79-01/01/89	USGS STANDARD COLLECTION METHODS.		A N C
Activity - 8.3.1.4.2.1.6					
GS900908314216.001	E-FIELD RATIO TELLURIC TRAVERSES NEAR FORTY-MILE WASH, NEVADA TEST SITE, NEVADA.  ACQN/DEVL LOCATION : FORTY-MILE WASH, NTS	01/01/82-12/31/82	E-FIELD RATIO TELLURIC, AN ELECTRIC EXPLORATION TECHNIQUE.		D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
Activity - 8.3.1.4.2.2.1			
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.	01/01/72-12/31/75	USGS STANDARD COLLECTION METHODS.
	ACQN/DEVL LOCATION : USGS		
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.	01/01/76-12/31/78	USGS STANDARD COLLECTION METHODS.
	ACQN/DEVL LOCATION : USGS		
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.
	ACQN/DEVL LOCATION : USGS		

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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.
	ACQN/DEVL LOCATION : 36 52'03"N 116 27'22W		
GS910908314222.002	FRACTURE DATA FROM 41 UNCLEARED OUTCROPS STUDIED AT YUCCA MOUNTAIN AND FRAN RIDGE, INCLUDING 2 9X9 AERIAL PHOTOGRAPHS WITH PLOTTED STATION LOCALITIES; 2 GEOLOGIC MAPS (TOPOPAH SPRINGS NW AND SW) WITH PLOTTED LOCALITIES; COPY OF FIELD NOTES; COMPUTER PRINTOUT OF FORMATTED FIELD NOTES AND INTERPRETATIVE SUMMARIES FOR EACH STATION; LIST OF MEDIAN ORIENTATIONS AND CORRELATION OF SETS; LIST OF MEDIAN ORIENTATIONS OF TECTONIC JOINT SETS.	04/01/90-06/30/91	NWM-USGS-GP-12, R1 AND STUDY PLAN 8.3.1.4.2.2
	ACQN/DEVL LOCATION :		
	36 48'14"N 116 24'52"W		
	36 48'19"N 116 24'45"W		
	36 48'21"N 116 24'45"W		
	36 48'53"N 116 24'45"W		
	36 48'53"N 116 24'51"W		
	36 48'59"N 116 24'48"W		
	36 49'23"N 116 24'49"W		
	36 49'27"N 116 24'43"W		
	36 49'36"N 116 25'23"W		
	36 49'39"N 116 24'47"W		
	36 49'41"N 116 24'45"W		
	36 50'00"N 116 27'10"W		
	36 50'01"N 116 27'18"W		
	36 50'01"N 116 28'08"W		
	36 50'15"N 116 24'51"W		
	36 50'17"N 116 26'35"W		
	36 50'22"N 116 26'55"W		

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
	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		
GS910908314222.003	DATA FROM 6 PAVEMENTS (PAVEMENTS 100, 200, 300, 400, 500, AND 1000) AND DATA FROM WASH-OUT STRIP.	02/20/86-02/28/86	NWM-USGS-GP-12, R0
	ACQN/DEVL LOCATION : 36 52'03"N 116 27'22"W		

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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.	01/01/80-12/31/80	USGS STANDARD TEST METHOD.	D N C
	ACQN/DEVL LOCATION : USGS			
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.	01/01/80-12/31/80	COMPUTER PROGRAM DEVELOPED FOR COMPARISON OF MEASUREMENTS.	D N C
	ACQN/DEVL LOCATION : USGS			
GS900908314223.003	INTERPRETATION OF GEOPHYSICAL WELL-LOG MEASUREMENTS IN DRILL HOLES UE25A-4, -5, -6, -7, YUCCA MOUNTAIN, NEVADA TEST SITE.	06/01/79-06/30/79	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS			
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			

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

# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.2.5				
GS900908314225.001	GEOPHYSICAL STUDIES OF THE SYNCLINE RIDGE AREA NEVADA TEST SITE, NYE COUNTY, NEVADA. THIS STUDY EMPLOYED GRAVITY, MAGNETIC SEISMIC REFRACTION AND REFLECTION, AND FOUR DISTINCT ELECTRICAL METHODS TO TRY AND DEFINE THE STRUCTURAL INTEGRITY AND SHAPE OF THE PROPOSED REPOSITORY MEDIUM.	01/01/77-12/31/78	USGS STANDARD COLLECTION METHODS.	D N P
ACQN/DEVL LOCATION : SYNCLINE RIDGE, NTS				
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.
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.
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.
ACQN/DEVL LOCATION : WALKER LAKE, NTS			

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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				

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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.  ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	01/01/86-12/31/86	VERBAL DESCRIPTION OF MICROMORPHOLOGICAL SOIL PROPERTIES USING A POLARIZING LIGHT MICROSCOPE. CLAY MINERALOGY BY STANDARD TECHNIQUES USING X-RAY DIFFRACTOMETER.
GS911008315141.002	MAJOR-OXIDE, TRACE ELEMENTS, AND FEO ANALYSES OF SELECTED SOIL SAMPLES.  ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	07/04/86-12/11/86	FEO BY WET CHEMICAL METHODS; TRACE ELEMENTS BY EDXRF; MAJOR-OXIDES BY X-RAY SPECTROSCOPY.
GS911008315141.003	SOIL DESCRIPTION SHEETS, TRENCH LOCATIONS, AND DESCRIPTIONS OF FIELD SETTINGS; CHANNEL ALLUVIUM SAMPLES AND VOLUMES; DETAILED DESCRIPTIONS OF TRENCH LOCATIONS.  ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	04/22/85-05/03/85	NWM-USGS-GP-07
GS911008315141.004	LABORATORY CHEMICAL ANALYSES AND CALCULATIONS OF NON-PEDOGENIC-CACO3 CONTENT OF SELECTED SOILS.  ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	03/26/87-10/15/88	USGS-GP-21 FOR SOIL ANALYSES (CHEMICAL). VIDEO CACO3 MEASUREMENTS DONE BY AERIAL MEASUREMENTS ON SLABS AND BY POINT COUNTING THIN SECTIONS. CALCULATIONS FOR NON-CACO3 PEDOGENIC MATERIAL DONE BY HAND CALCULATOR USING DATA ON PERCENT PEDOGENIC MATERIAL, HORIZON THICKNESS AND BULK DENSITY.

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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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Activity - 8.3.1.5.2.1.1				
GS910908315211.001	SUPPORTING DATA FOR REPORT, "EVIDENCE OF PREHISTORIC FLOODING AND THE POTENTIAL FOR FUTURE FLOODING AT COYOTE WASH, YUCCA MOUNTAIN, NEVADA", BY PATRICK A GLANCY.	08/15/83-12/31/85	TRENCHES WERE DUG BY REECO AT THE DIRECTION OF THE PRINCIPAL INVESTIGATOR. TRENCHES WERE STUDIED IN THE FIELD, PHOTOGRAPHS AND SKETCHES OF TRENCH STRATIGRAPHY WERE PREPARED. SAMPLES WERE COLLECTED FOR PARTICLE-SIZE-DISTRIBUTION FROM SELECT STRATIGRAPHIC UNITS AND WERE SUBSEQUENTLY ANALYZED. ADDITIONAL DATA WERE ACQUIRED BY FIELD PLANE SURVEYING. OTHER DATA WERE OBTAINED FROM TOPOGRAPHIC MAPS. NUMEROUS PHOTOGRAPHS WERE TAKEN OF GENERAL SETTING AND OF THE TRENCHES.	A N P
ACQN/DEVL LOCATION : 36 51'18"N 116 26'57"W				
Activity - 8.3.1.5.2.1.2				
GS910508315212.004	WATER AND FAUNAL SAMPLE CHARACTERISTICS AND LAB ANALYSES RESULTS FROM WATER SAMPLES AND FLORA AND FAUNA SAMPLES FROM MODERN SPRINGS IN THE AMARGOSA FLOW SYSTEM INCLUDING WATER PROPERTIES.	02/25/91-02/28/91	HP 91 AND HP 199T.	A Y P
ACQN/DEVL LOCATION : BIG SPRING BOLE SPRING CANE SPRING GRAPEVINE SPRING NAVARES SPRING NAVEL SPRING SCOTTY'S CASTLE SUPPLY SPRING TEXAS SPRING				

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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

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
GS911108315213.004	LAB ANALYSES RESULTS AND CHARACTERISTICS OF SOIL SAMPLES TAKEN FROM VARIOUS PLAYAS IN CALIFORNIA AND NEVADA.	10/17/91-10/26/91	USGS GP-17 R1.
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	LAB ANALYSIS RESULTS AND CHARACTERISTICS OF SURFICIAL SOIL SAMPLES TAKEN FROM WILLCOX DRY PLAYA AND SOUTH ALKALI FLAT, FROM THE TOP TO 5 CM BELOW SURFACE.	11/12/91-11/14/91	USGS-GP-17, R1
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
GS920108315213.001	<p>WATER AND FAUNAL CHARACTERISTICS AND LAB ANALYSES RESULTS OF SAMPLES OF BENTHIC MICROORGANISMS LARGER THAN 150 MICROMETERS AND WATER SAMPLES TAKEN FROM SPRING SITES IN CALIFORNIA AND NEVADA. SPECIFIC INFORMATION ON THESE SAMPLES ARE ON SAMPLE COLLECTION SHEETS AT THE SMF.</p> <p>ACQN/DEVL LOCATION :</p> <p>36 09'40"N 115 29'48"W 36 09'40"N 115 35'52"W 36 10'26"N 115 28'45"W 36 18'25"N 115 29'27"W 36 18'25"N 115 37'58"W 36 21'48"N 116 16'24"W 36 22'27"N 116 16'18"W 36 22'48"N 116 42'54"W 36 27'24"N 116 50'15"W 36 30'39"N 116 49'15"W 36 35'54"N 115 40'12"W 36 48'03"N 116 05'39"W 36 58'26"N 116 43'17"W 36 59'40"N 116 42'25"W 37 01'12"N 117 23'15"W 37 02'06"N 117 19'30"W 37 02'17"N 116 42'43"W 37 04'25"N 116 41'30"W 37 10'20"N 116 05'30"W 37 12'09"N 116 07'52"W</p>	02/25/91-08/03/91	<p>METHODS ASSOCIATED WITH USGS HP-199T, R0, TITLED "COLLECTION OF BENTHIC AQUATIC MICROORGANISMS LARGER THAN 150 MICROMETERS", AND METHODS INCLUDED IN HP-91, R3 "COLLECTION AND FIELD ANALYSIS OF SURFACE WATER SAMPLES". SCIENTIFIC NOTEBOOK - SNP-006 WAS USED FOR THE COLLECTION.</p> <p>A Y P</p>

# SITE CHARACTERIZATION PLAN BASELINE

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920308315213.002	<p>BILLED WATER SAMPLES COLLECTED FOR STRONTIUM AND URANIUM ISOTOPE ANALYSIS.</p> <p>ACQN/DEVL LOCATION : UE-25 WT #14 UE-25 WT #15 UE-25 WT #17 UE-25 WT #4 USW H-3 USW VH-2 USW WT-1 USW WT-10 USW WT-7</p>	02/20/91-02/22/91	DATA COLLECTED USING TP GCP-23T, RO.	A Y P
*GS920508315213.003	<p>DIGITAL THERMOMETER CALIBRATION DATA FOR KEITHLEY DIGITAL THERMOMETERS</p> <p>ACQN/DEVL LOCATION : USGS</p> <p>Activity - 8.3.1.5.2.1.4</p>	03/02/88-03/06/92	USGS HP-59, RO AND ASSOCIATED METHODS DOCUMENTATION DEVELOPED THROUGH YMP QA PROGRAM.	A Y P
GS910208315214.001	<p>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.</p> <p>ACQN/DEVL LOCATION : USGS</p>	07/30/87-11/30/90	PLEASE REFER TO TECHNICAL PROCEDURE HP-183, REVISION 1 FOR DETAILS CONCERNING TEST AND COLLECTION METHODS.	A Y C
**GS910508315214.002	<p>KAWICH WEATHER DATA 1986, 1987, 1988, 1989, 1990.</p> <p>ACQN/DEVL LOCATION : KAWICH BASE SITE.</p>	01/01/86-12/31/90	WEATHER DATA WAS COLLECTED BY REMOTE SENSORS AND LOGGED ON OR RECORDED ON A DATALOGGER.	A N P



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS910908315214.003	KAWICH SITE WEATHER DATA COLLECTED IN 1986-1990. ACQN/DEVL LOCATION : USGS	01/01/86-12/31/90	WEATHER DATA WERE COLLECTED BY REMOTE SENSORS AND STORED ON A DATALOGGER.	D N P
GS910908315214.004	WEATHER DATA COLLECTED AT THE STEWART CREEK BASE SITE IN 1986, 1987, 1988, 1989, AND 1990. THIS IS RAW DATA. ACQN/DEVL LOCATION : STEWART CREEK BASE SITE.	01/01/86-01/01/90	WEATHER DATA WERE COLLECTED USING REMOTE SENSORS. DATA WERE RECORDED ON A DATALOGGER.	A N P
GS911108315214.005	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM 1989 TO 1990. ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W	05/03/89-09/30/90	GAGE HEIGHT FROM A 9" PARSHALL FLUME, DATA WAS RECORDED ON A DIGITAL TAPE RECORDER.	A Y P
GS911108315214.006	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM 1988 TO 1989. ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W	09/27/88-05/02/89	GAGE HEIGHT FROM A 9" PARSHALL FLUME, DATA WAS RECORDED ON A DIGITAL TAPE RECORDER.	A N P
GS911108315214.007	SURFACE WATER DATA COLLECTED AT THE STEWART CREEK BASE SITE FROM 1986 TO 1989. ACQN/DEVL LOCATION : 38 53'23"N 117 21'37"W	12/02/86-05/02/89	GAGE HEIGHT OF A V-NOTCH WEIR COLLECTED USING A FLOAT AND A TEN-TURN POTENTIOMETER. DATA WAS RECORDED ON A DATALOGGER.	A N P

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

# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920108315214.002	SCIENTIFIC NOTEBOOK FOR THE MEASUREMENT OF EVAPOTRANSPIRATION USING EDDY CORRELATION METHODS IN STEWART BASIN AND KAWICH BASIN FOR THE PERIOD FROM JUNE 1991 TO DECEMBER 1991.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W ;37 57'43"N 116 25'28"W 38 53'01"N 117 21'10"W ;38 53'24"N 117 21'36"W	06/10/91-10/24/91	DATA WAS ACQUIRED USING HP-215T, R0.	A Y P
GS920108315214.003	SCIENTIFIC NOTEBOOK FOR THE MEASUREMENT OF EVAPOTRANSPIRATION USING BOWEN RATIO METHODS IN STEWART BASIN AND KAWICH BASIN FOR THE PERIOD FROM JUNE 1991 TO DECEMBER 1991.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W ;37 57'43"N 116 25'28"W 38 53'01"N 117 21'10"W ;38 53'24"N 117 21'36"W	06/02/91-10/07/91	DATA WAS ACQUIRED USING HP-214T, R0.	A Y P
GS920108315214.004	SCIENTIFIC NOTEBOOK FOR THE MEASUREMENT OF TRANSPIRATION USING CHAMBER METHODS IN STEWART BASIN AND KAWICH BASIN FOR THE PERIOD FROM JUNE 1991 TO DECEMBER 1991.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W ;37 57'43"N 116 25'28"W 38 53'01"N 117 21'10"W ;38 53'24"N 117 21'36"W	06/06/91-10/07/91	DATA WAS ACQUIRED USING HP-226T, R0.	A Y P
*GS920408315214.005	WEATHER DATA FROM KAWICH PEAK INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION AND HUMIDITY.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	09/22/90-09/25/91	THESE DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-97, HP-168, AND HP-170.	A Y P

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SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920408315214.006	WEATHER DATA FROM VEG SPRING WEATHER EQUIPMENT IN STEWART BASIN INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION AND HUMIDITY.  ACQN/DEVL LOCATION : 38 53'94"N 117 21'13"W	09/25/90-09/24/91	THESE DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-97, HP-168, AND HP-170 AND HP-198.	A Y P
*GS920408315214.007	WEATHER DATA INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED AND WIND DIRECTION FROM STEWART CREEK..  ACQN/DEVL LOCATION : 38 53'18"N 117 21'36"W	09/24/90-09/24/91	THESE DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-97, HP-168, AND HP-170 AND HP-198.	A Y P
*GS920408315214.008	WEATHER DATA FROM KAWICH BASE WEATHER SITE, INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED AND WIND DIRECTION.  ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	09/22/90-09/25/91	THESE DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: HP-97, HP-168, AND HP-170 AND HP-198.	A Y P
*GS920508315214.012	PRECIPITATION DATA FROM KAWICH PEAK WEATHER STATION FROM SEPTEMBER 1988 TO MAY 1989.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	09/24/88-05/24/89	DATA WAS ACQUIRED USING HP-167, R0.	A N P
*GS920508315214.013	PRECIPITATION DATA FROM KAWICH PEAK WEATHER STATION FROM MAY 1989 TO SEPTEMBER 1990.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	05/24/89-09/23/90	DATA WAS ACQUIRED USING HP-167, R0.	A Y P

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920508315214.014	PRECIPITATION DATA FROM KAWICH PEAK WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	09/23/90-09/25/91	DATA WAS ACQUIRED USING HP-167, R0.	A Y P
*GS920508315214.015	PRECIPITATION DATA FROM STEWART BASE WEATHER STATION FROM SEPTEMBER 1985 TO MAY 1989.  ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	09/27/85-05/25/89	DATA WAS ACQUIRED USING HP-167, R0.	A N P
*GS920508315214.016	PRECIPITATION DATA FROM STEWART BASE WEATHER STATION FROM MAY 1989 TO SEPTEMBER 1990.  ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	05/25/89-09/24/90	DATA WAS ACQUIRED USING HP-167, R0.	A Y P
*GS920508315214.017	PRECIPITATION DATA FROM STEWART BASE WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991.  ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	09/24/90-09/24/91	DATA WAS ACQUIRED USING HP-167, R0.	A Y P
*GS920508315214.018	PRECIPITATION DATA FROM VEG SPRING WEATHER STATION FROM OCTOBER 1986 TO MAY 1989  ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	10/09/86-05/25/89	DATA WAS ACQUIRED USING HP-167, R0.	A N P

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920508315214.019	PRECIPITATION DATA FROM VEG SPRING WEATHER STATION FROM MAY 1989 TO SEPTEMBER 1990.  ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	05/25/89-09/25/90	DATA WAS ACQUIRED USING HP-167, R0.	A Y P
*GS920508315214.020	PRECIPITATION DATA FROM VEG SPRING WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991.  ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	09/25/90-09/24/91	DATA WAS ACQUIRED USING HP-167, R0.	A Y P
*GS920508315214.021	SNOW SURVEY NOTES FOR VEG SPRING FOR THE 1988 WATER YEAR AND THE 1989 WATER YEAR.  ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	04/05/88-02/22/89	DATA WAS ACQUIRED USING HP-165, R0.	A N P
*GS920508315214.022	SNOW SURVEY NOTES FOR VEG SPRING FOR THE 1990 WATER YEAR.  ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	01/30/90-04/03/90	DATA WAS ACQUIRED USING HP-165, R0.	A Y P
*GS920508315214.023	SNOW SURVEY NOTES FOR VEG SPRING FOR THE 1991 WATER YEAR.  ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	01/29/91-01/29/91	DATA WAS ACQUIRED USING HP-165, R0.	A Y P

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920508315214.024	SNOW SURVEY NOTES FOR STEWART BASE FOR THE 1988 WATER YEAR AND THE 1989 WATER YEAR.  ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	04/05/88-02/22/89	DATA WAS ACQUIRED USING HP-165, R0.	A N P
*GS920508315214.025	SNOW SURVEY NOTES FOR STEWART BASE FOR THE 1990 WATER YEAR.  ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	01/31/90-04/03/90	DATA WAS ACQUIRED USING HP-165, R0.	A Y P
*GS920508315214.026	SNOW SURVEY NOTES FOR STEWART BASE FOR THE 1991 WATER YEAR.  ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	01/29/91-01/29/91	DATA WAS ACQUIRED USING HP-165, R0.	A Y P
*GS920508315214.027	SNOW SURVEY NOTES FOR KAWICH BASE FOR THE 1989 WATER YEAR.  ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	02/23/89-02/23/89	DATA WAS ACQUIRED USING HP-165, R0.	A N P
*GS920508315214.028	SNOW SURVEY NOTES FOR KAWICH BASE FOR THE 1990 WATER YEAR.  ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	01/30/90-01/30/90	DATA WAS ACQUIRED USING HP-165, R0.	A Y P

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920508315214.029	SNOW SURVEY NOTES FOR KAWICH PEAK FOR THE 1989 WATER YEAR.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	02/23/89-02/23/89	DATA WAS ACQUIRED USING HP-165, R0.	A N P
*GS920508315214.030	SNOW SURVEY NOTES FOR KAWICH PEAK FOR THE 1990 WATER YEAR.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	01/30/90-01/30/90	DATA WAS ACQUIRED USING HP-165, R0.	A Y P
*GS920508315214.031	SNOW SURVEY NOTES FOR KAWICH PEAK FOR THE 1991 WATER YEAR.  ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	01/30/91-01/30/91	DATA WAS ACQUIRED USING HP-165, R0.	A Y P
*GS929508315214.009	PRECIPITATION DATA FROM KAWICH BASE WEATHER STATION FROM SEPTEMBER 1985 TO MAY 1989.  ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	09/25/85-05/24/89	DATA WAS ACQUIRED USING HP-167, R0	A N P
*GS929508315214.010	PRECIPITATION DATA FROM KAWICH BASE WEATHER STATION FROM MAY 1989 TO SEPTEMBER 1990.  ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	05/24/89-09/23/90	DATA WAS ACQUIRED USING HP-167, R0	A Y P



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS929508315214.011	PRECIPITATION DATA FROM KAWICH BASE WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991.	09/23/90-09/25/91	DATA WAS ACQUIRED USING HP-167, RO	A Y P
	ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"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: 5/3/89-5/9/91.	05/03/89-05/09/91	NWM-USGS-GCP-12, R1-3, 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: 5/3/89-5/9/91.  ACQN/DEVL LOCATION : USGS	05/03/89-05/09/91	NWM-USGS-GCP-12, R1-3, RB-SR, ISOTOPE GEOCHEMISTRY AND NWM-USGS-GCP-07,R1, MINERAL SEPARATION FOR GEOCHEMISTRY AND ISOTOPE ANALYSIS.	A Y P
GS910508315215.005	LOGBOOKS FROM THE MASS SPECTROMETERS ON WHICH RB/SR AND SM/ND DATA IS OBTAINED. THIS INCLUDES THE SYE MICROMASS MULTIPLE SAMPLE COLLECTOR, THE NBS #2 6" AND NBS #1 6", SINGLE SAMPLE COLLECTORS. DATES: 5/3/89-5/9/91.  ACQN/DEVL LOCATION : USGS	05/03/89-05/09/91	NWM-USGS-GCP-12, R1-3, RB-SR, ISOTOPE GEOCHEMISTRY.	A Y P
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

## 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
GS910508315215.008	CALCITE-SILICA DATA FROM 1-90 TO 3-90 FOR TRENCH 14. ISOTOPIC DATA FOR LEAD, URANIUM AND THORIUM.  ACQN/DEVL LOCATION : USGS	01/01/90-03/01/90	USGS TECHNICAL PROCEDURE NWM-USGS-GCP-13, REVISION 2, URANIUM, THORIUM, AND LEAD GEOCHEMISTRY (ISOTOPE GEOLOGY).	A Y P
GS910508315215.009	CALCITE-SILICA DATA FROM 3-90 TO 7-90 FOR LEAD, URANIUM, AND THORIUM ISOTOPES. DATA FROM TRENCH 14, TRENCH 14A, AND BUSTED BUTTE.  ACQN/DEVL LOCATION : USGS	03/01/90-07/01/90	USGS TECHNICAL PROCEDURE NWM-USGS-GCP-13, REVISION 2, URANIUM, THORIUM, AND LEAD GEOCHEMISTRY (ISOTOPE GEOLOGY).	A Y P
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 C
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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS911008315215.014	ANALYTICAL RESULTS OF URANIUM AND URANIUM ACTIVITY RATIOS IN WELDED TUFF AND QUATERNARY ALLUVIUM AQUIFERS.  ACQN/DEVL LOCATION : FRENCHMAN FLAT JACKASS FLAT	02/13/89-02/13/89	NWM-USGS-GCP-03	A N C
GS911108315215.015	ANALYTICAL RESULTS OF URANIUM, THORIUM, AND URANIUM ACTIVITY RATIOS IN WATER SAMPLES FROM J-12, J-13, WT-1, WT-7, WT-10, WT-17, VH-2. SAMPLES WT-1, WT-7, WT-10, AND WT-17 ARE SUSPECT. THEY ARE SCOPING SAMPLES AS WELL.  ACQN/DEVL LOCATION : J-12 J-13 VH-2 WT-1 WT-10 WT-17 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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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920208315215.003	87SR/86SR RATIOS ON WATER SAMPLES OBTAINED FROM WELLS WT-17, -15, -14, -10, -7, -4, -1.  ACQN/DEVL LOCATION : USW WT-1 USW WT-10 USW WT-14 USW WT-15 USW WT-17 USW WT-4 USW WT-7	04/22/91-05/08/91	NWM-USGS-GCP-12, R3	A Y P
GS920208315215.004	"ISOTOPIC STUDIES OF FRACTURE COATINGS AT YUCCA MOUNTAIN, NEVADA" BY B. MARSHALL, J. WHELAN, Z. PETERMAN, K. FUTA, S. MAHAN, AND J. STUCKLESS  ACQN/DEVL LOCATION : USGS	01/06/92-02/18/92	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCE WERE USED TO DEVELOP THIS REPORT.	D Y P
GS920208315215.005	PB,U, AND TH ISOTOPIC DATA ON CALCITE-SILICA SAMPLES FROM TRENCH 14 AND BUSTED BUTTE.  ACQN/DEVL LOCATION : BUSTED BUTTE TRENCH 14,	06/01/90-05/31/91	NWM-USGS-GCP-13, R2 AND R3.	A Y P
GS920208315215.006	RB AND SR CHEMICAL LABORATORY NOTEBOOKS CONTAINING INFORMATION ON COLUMN PLACEMENT FOR SAMPLES, ELUTIONS, CALIBRATIONS, SAMPLE AND SPIKE INFORMATION AND DATES SAMPLES WERE PUT THROUGH THE ION EXCHANGE COLUMN.  ACQN/DEVL LOCATION : USGS RB-SR CLEAN LABORATORY	05/10/91-02/28/92	NWM-USGS-GCP-12, R3.	A Y P

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# SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920208315215.007	MINERAL AND WHOLE ROCK SEPARATION LABORATORY NOTEBOOKS RECORD SAMPLE DESCRIPTIONS, DATES SAMPLES WERE CRUSHED, INFORMATION ABOUT SAMPLES THAT WERE DRILLED, LEACHED HAND-PICKED OR OTHER SEPARATION WORK.	05/10/91-02/28/92	NWM-USGS-GCP-12, R3, AND NWM-USGS-GCP-07, R2.	A Y P
	ACQN/DEVL LOCATION : USGS MINERAL SEPARATION LABORATORY			
GS920208315215.008	RB AND SR, SM AND ND MASS SPECTROMETER DATA FROM THE 54E MICROMASS MULTIPLE SAMPLE COLLECTOR AND THE NBS#2 6" SINGLE SAMPLE COLLECTOR. LOGBOOK INFORMATION INCLUDES SAMPLE ID, DATES OF "RUN", ANY REPEATED ANALYSIS, POSSIBLE PROBLEMS WITH ANALYSIS, TYPE OF SAMPLE AND OPERATOR.	05/10/91-02/28/92	NWM-USGS-GCP-12, R3.	A Y P
	ACQN/DEVL LOCATION : SOLID SOURCE MASS SPECTROMETER BAY, USGS			
GS920208315215.009	"STRONTIUM ISOTOPE GEOCHEMISTRY OF CALCITE FRACTURE FILLING IN DEEP CORE, YUCCA MOUNTAIN, NEVADA - A PROGRESS REPORT" BY Z. PETERMAN, J. STUCKLESS, B. MARSHALL, S. MAHAN, AND K. FUTA.	01/06/92-02/14/92	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCE WERE USED TO DEVELOP THE REPORT.	D Y P
	ACQN/DEVL LOCATION : USGS			
GS920208315215.010	RB AND SR CHEMICAL LABORATORY NOTEBOOKS CONTAINING INFORMATION ON COLUMN PLACEMENT FOR SAMPLES, ELUTIONS, CALIBRATIONS, SAMPLE AND SPIKE INFORMATION AND DATES SAMPLES WERE PUT THROUGH THE ION EXCHANGE COLUMN.	10/04/88-05/02/89	NWM-USGS-GCP-12, R0 AND R1.	A N P
	ACQN/DEVL LOCATION : RB-SR CLEAN LABORATORY, USGS			

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920208315215.011	MINERAL AND WHOLE ROCK SEPARATION LABORATORY NOTEBOOKS RECORD SAMPLE DESCRIPTIONS, DATES SAMPLES WERE CRUSHED, INFORMATION ABOUT SAMPLES THAT WERE DRILLED, LEACHED HAND-PICKED OR OTHER SEPARATION WORK.  ACQN/DEVL LOCATION : MINERAL SEPARATION LABORATORY, USGS	02/02/89-05/02/89	NWM-USGS-GCP-12, R1 AND NWM-USGS-GCP-07, R1	A N P
GS920208315215.012	RB AND SR, SM AND ND MASS SPECTROMETER DATA FROM THE 54E MICROMASS MULTIPLE SAMPLE COLLECTOR AND THE NBS#2 6" SINGLE SAMPLE COLLECTOR. LOGBOOK INFORMATION INCLUDES SAMPLE ID, DATES OF "RUN", ANY REPEATED ANALYSIS, POSSIBLE PROBLEMS WITH ANALYSIS, TYPE OF SAMPLE AND OPERATOR.  ACQN/DEVL LOCATION : SOLID MASS SPECTROMETER BAY, USGS	04/21/88-05/02/89	NWM-USGS-GCP-12, R0 AND R1.	A N P
GS920208315215.013	87 SR/86 SR MASS SPECTROMETER DATA AS OBTAINED BY THE 54E MICROMASS MULTIPLE SAMPLE COLLECTOR AND THE NBS#2 6" SINGLE SAMPLE COLLECTOR.  ACQN/DEVL LOCATION : SOLID MASS SPECTROMETER BAY, USGS	03/18/91-12/24/91	THIS IS A SUBSET OF DATA EXTRACTED FROM A SET OF DATA PREVIOUSLY DOCUMENTED ON ACQUIRED DATA TDIFS.	D Y P
GS920308315215.014	DELTA 87 SR VALUES ON ALL OF THE SAMPLES FROM SPRINGS AND WELLS IN THE ASH MEADOWS FLOW SYSTEM COLLECTED BY ISOTOPE GEOLOGY.  ACQN/DEVL LOCATION : SOLID MASS SPECTROMETER BAY, USGS	02/10/92-02/10/92	THIS IS A SUBSET OF DATA EXTRACTED FROM A SET OF MASS SPECTROMETER DATA PREVIOUSLY DOCUMENTED ON ACQUIRED DATA TDIFS.	D N P

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SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920308315215.015	"STRONTIUM ISOTOPE CHARACTERIZATION OF THE ASH MEADOWS GROUND-WATER SYSTEM, SOUTHERN NEVADA" BY Z. PETERMAN, J. STUCKLESS, S. MAHAN, B. MARSHALL, E. GUTENTAG AND J. DOWNEY.  ACQN/DEVL LOCATION : USGS	02/10/92-03/04/92	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCE WERE USED TO DEVELOP THE REPORT.	D N P
*GS920608315215.016	PB, U, AND TH ISOTOPIC DATA ON CALCITE-SILICA AND VOLCANIC ROCK SAMPLES FROM YUCCA MOUNTAIN, NEVADA, AND VICINITY  ACQN/DEVL LOCATION : USGS	05/01/88-05/31/91	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE INVESTIGATOR'S EDUCATION AND WORK EXPERIENCE WERE USED TO DEVELOP THE DATA	D N P
Activity - 8.3.1.6.1.1.3				
*LA0000000000011.001	ROCK VARNISH CATION-RATIO DATA  ACQN/DEVL LOCATION : YUCCA MOUNTAIN AND VICINITY	06/30/84-07/31/88	FIELD SAMPLING, SCM ANALYSIS	A N P
*LA0000000000019.001	MANGANESE ACCUMULATION IN ROCK VARNISH ON A DESERT PIEDMONT, MOJAVE DESERT, CALIFORNIA, AND APPLICATION TO EVALUATE VARNISH DEVELOPMENT  ACQN/DEVL LOCATION : LANL	01/01/91-01/01/92	FOLLOWING DP 114	A Y P



## SITE CHARACTERIZATION PLAN BASELINE

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

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	E D N
Activity - 8.3.1.9.2.2.1				
*GS920508319221.001	DATA ON GROUND-WATER LEVELS AND SPRINGFLOWS, INCLUDING WELL DEPTHS, CASING INFORMATION, DISCHARGE MEASUREMENTS, AND WELL AND SPRING LOCATIONS.	03/21/86-03/31/92	USGS DATA WERE COLLECTED USING HP-54, HP-61, HP-99, AND HP-166.	A N P
	ACQN/DEVL LOCATION : 36 00'00"N 117 00'00"W ;37 00'00"N 116 00'00"W			
*GS920508319221.002	QUARTERLY DATA COLLECTED FOR FIRST QUARTER OF 1992, FOR REPORT "DATA ON GROUND-WATER LEVELS AND SPRINGFLOWS IN THE YUCCA MOUNTAIN REGION OF SOUTHERN NEVADA AND CALIFORNIA, JANUARY - MARCH 1992.	03/21/86-04/06/86	USGS STANDARD METHODS	D N P
	ACQN/DEVL LOCATION : USGS			
Activity - 8.3.1.14.2.2.1				
GS900983114221.003	CORE SAMPLES FROM THE CALICO HILLS UE25A-3 BOREHOLE WERE MEASURED FOR DENSITY, POROSITY, RESISTIVITY, INDUCED POLARIZATION, COMPRESSIONAL SONIC VELOCITY, AND MAGNETIC PROPERTIES. ROCK PROPERTY ANALYSIS OF CORE SAMPLES FROM THE CALICO HILLS UE25A-3 BOREHOLE, NEVADA TEST SITE.	08/01/80-08/31/80	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : UE25A-3			

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

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*SNL01B00000007.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A N P
*SNL01B00000008.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A N P
*SNL01B00000009.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A N P
*SNL02000000010.000	CONFINED AND UNCONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : SNL	02/01/78-01/26/87	SINGLE AND DUAL PUSH ROD DILATOMETRY	D N P
SNL04000000001.000	DATA DISKETTES (REFLEX AND LOTUS 123) USED SPDD 91-7031. ACQN/DEVL LOCATION : USW G-1	04/01/89-03/01/91	STANDARD MICROPROBE ANALYSIS.	A N P

## SITE CHARACTERIZATION PLAN BASELINE

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

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS900983115221.002	PRELIMINARY INTERPRETATION OF THERMAL DATA FROM THE NEVADA TEST SITE. ANALYSIS OF DATA FROM 60 WELLS IN AND AROUND THE NEVADA TEST SITE, INCLUDING 16 IN THE YUCCA MOUNTAIN AREA.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/71-12/31/81	USGS STANDARD COLLECTION METHODS.	D N C
Activity - 8.3.1.16.1.1.1				
GS900983116111.001	FLOOD POTENTIAL OF TOPOPAH WASH AND TRIBUTARIES, EASTERN PART OF JACKASS FLATS, NEVADA TEST SITE, SOUTHERN NEVADA.  ACQN/DEVL LOCATION : USGS	01/01/78-12/31/78	USGS STANDARD TEST METHODS.	D N C
GS900983116111.002	PROBABLE MAXIMUM FLOOD STUDY - 1986.  ACQN/DEVL LOCATION : 36 52'30"N 116 26'48"W	01/01/83-12/31/86	USGS STANDARD COLLECTION METHODS.	D N C
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.  ACQN/DEVL LOCATION : AMARGOSA R. AT HWY 127 CXING 50' UPSTREAM FROM HWY	08/02/90-08/01/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP 114, R0, "ESTIMATING STREAMFLOW DISCHARGE", EFFECTIVE DATE 6/8/88, SECTION 4.2.2.	A Y P

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920183116111.001	UNNAMED TRIBUTARY FROM PINE NUT MTS. TO CARSON RIVER AT FREMONT DRIVE. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORDS INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE.	08/07/91-08/07/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114, R0, SECTION 4.2.2.	A Y P
ACQN/DEVL LOCATION : 39 01'32N 119 42'31"W				
GS920183116111.002	REESE RIVER CANYON NEAR SCHURZ, NV. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORDS INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE.	07/01/91-07/01/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114, R0, SECTION 4.2.2.	A Y P
ACQN/DEVL LOCATION : 38 51'00"N 118 46'54"W				
GS920183116111.003	UNNAMED TRIBUTARY TO JUMBO CREEK AT NEW WASHOE CITY, NV. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORDS INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE.	08/05/91-08/05/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114, R0, SECTION 4.2.2.	A Y P
ACQN/DEVL LOCATION : 39 17'09"N 119 45'04"W				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920183116111.004	JUMBO CREEK AT NEW WASHOE CITY, NV. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORDS INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE.  ACQN/DEVL LOCATION : 39 16'58"N 119 44'50"W	08/05/91-08/05/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114, R0, SECTION 4.2.2.	A Y P
GS920183116111.005	UNNAMED WASH JUST SOUTH OF HOT SPRINGS MTN., CARSON VALLEY, NV. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORDS INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP.  ACQN/DEVL LOCATION : 39 02'46"N 119 42'51"W	08/07/91-08/07/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114, R0, SECTION 4.2.2.	A Y P
GS920183116111.006	UNNAMED TRIBUTARY TO WASHOE LAKE FROM VIRGINIA RANGE NEAR NEW WASHOE CITY, NV. PEAK FLOW ESTIMATES. DATA INCLUDE STREAM-CHANNEL MEASUREMENTS AND DISCHARGE ESTIMATES. RECORDS INCLUDES SLOPE CONVEYANCE FIELD FORM (NV-300-03, 1989), SITE LOCATION MAP, AND PHOTOGRAPH(S) OF DATA COLLECTION SITE.  ACQN/DEVL LOCATION : 39 17'35"N 119 46'06"W	08/05/91-08/05/91	INDIRECT METHOD FOR DETERMINING PEAK DISCHARGE OF A STREAM. THIS METHOD USES STREAM CHANNEL MEASUREMENTS AND ESTIMATED FLOW VELOCITY TO COMPUTE THE PEAK DISCHARGE OF A STREAM AFTER THE STREAMFLOW HAS RECEDED. THIS METHOD IS DESCRIBED IN DETAIL IN HP-114, R0, SECTION 4.2.2.	A Y P

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

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SNF08000000002.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE AMARILLO.	06/27/89-06/27/89	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	D Y P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SNF08000000003.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE ALAMO.	07/07/88-07/07/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	D Y P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SNF08000000004.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE DALHART.	10/13/88-10/13/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	D Y P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SNF08000000005.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE KEARSARGE.	08/17/88-08/17/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE ON AN ANALOG TAPE.	D Y P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SNF08000000006.000	DIGITIZING/DATA REDUCTION PLOTS AND DATA FROM UNE BULLION.	06/13/90-03/18/91	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 P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SNF08000000007.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE BULLION.	06/13/90-06/13/90	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	D Y P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SNF08000000008.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE COMSTOCK.	06/02/88-06/02/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	D Y P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SNF08000000009.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE BARNWELL.	12/09/89-12/09/89	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	D Y P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SNF08000000010.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE DELAMAR.	04/18/87-04/18/87	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	D Y P
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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SNF08000000011.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE KERNVILLE.	02/15/88-02/15/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	D Y P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SNF08000000012.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE LOCKNEY.	09/24/87-09/24/87	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	D Y P
ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS				
SNF08000000013.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE HARDIN.	04/30/87-04/30/87	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	D Y P
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SNF08000000014.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE TAHOKA.	08/13/87-08/13/87	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	D Y P
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 OCCURRING WITHIN AND ADJACENT TO THE SOUTHERN NEVADA SEISMOGRAPH NETWORK.	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN				
GS900983117411.002	A STUDY OF EARTHQUAKE GROUND MOTIONS RECORDED AT DEPTH IN A DRILL HOLE AND AT GROUND SURFACE, CALICO HILLS, NEVADA TEST SITE.	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : UE25A-3				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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
GS900983117411.006	DATA FOR EARTHQUAKES FOR THE CALENDAR YEARS 1982 AND 1983. DURING THE PERIOD OF AUGUST, 1978 TO DECEMBER, 1983, SEVERAL EARTHQUAKES WERE LOCATED WITHIN AND ADJACENT TO THE SOUTHERN GREAT BASIN SEISMOGRAPH NETWORK. EARTHQUAKE HYPOCENTERS, SELECTED FOCAL MECHANISMS, AND OTHER INFERRED SEISMICITY CHARACTERISTICS ARE PRESENTED AND DISCUSSED IN RELATION TO THE LOCAL AND REGIONAL GEOLOGIC FRAMEWORK.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/78-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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				
GS900983117412.004	DATA REPORT FOR THE 1983 SEISMIC-REFRACTION EXPERIMENT AT YUCCA MOUNTAIN, BEATTY, AND VICINITY, SOUTHERN NEVADA. INCLUDES RECORD SECTIONS FROM THE TEN SHOTPOINTS, A LIST OF SEISMOGRAPH LOCATIONS, A LIST OF SHOTPOINT LOCATIONS AND TIMES, DKDAT DATA FILES AND TAPE GRADE CODE AND A LIST OF FIRST-ARRIVAL TRAVEL TIME PICKS.	06/01/83-06/30/83	USGS STANDARD COLLECTION METHOD.	D N C
ACQN/DEVL LOCATION : 9 SHOTPOINTS ON A N-S, E-W PROFILE OF YUCCA MT.				
GS900983117412.047	LOCATION REFINEMENT OF EARTHQUAKES IN THE SOUTHWESTERN GREAT BASIN, 1931-1974, AND SEISMOTECTONIC CHARACTERISTICS OF SOME OF THE IMPORTANT EVENTS.	01/01/85-12/31/85	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN				



## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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
GS910183117412.009	EARTHQUAKE DATA - DECEMBER 7, 1990 - JANUARY 22, 1991. DEVELOCORDER FILM.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	12/07/90-01/22/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910283117412.005	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVES TAPES. NOVEMBER 31, 1990 - FEBRUARY 16, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	11/30/90-02/16/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y C
GS910283117412.006	EARTHQUAKE DEVELOCORDER FILMS. DECEMBER 11-DECEMBER 15, 1990, DECEMBER 19-DECEMBER 25, 1990, DECEMBER 29-DECEMBER 31, 1990, JANUARY 22-JANUARY 28, 1991, FEBRUARY 1-FEBRUARY 13, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	12/11/90-02/13/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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
GS910383117412.012	DEVELOCORDER FILMS, 27 BOXES, MARCH 7 TO MARCH 25, 1991 - EARTHQUAKE DEVELOCORDER FILM.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	03/07/91-03/25/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910383117412.013	DIGITAL ARCHIVE TAPES, 4 TAPES, L1095B-L1098B, MARCH 1 TO MARCH 14, 1991, SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	03/01/91-03/14/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910483117412.014	42 EARTHQUAKE DEVELOCORDER FILMS. DATES: 03/29/-04/24.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	03/29/91-04/24/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P

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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
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
GS910583117412.020	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

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SITE CHARACTERIZATION PLAN BASELINE

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

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## SITE CHARACTERIZATION PLAN BASELINE

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

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

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

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GS910883117412.042	EARTHQUAKE DEVELOCORDER FILMS. 60 BOXES. DATES: JULY 3, 1991 - AUGUST 12, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	07/03/91-08/12/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910883117412.043	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATES: JUNE 12, 1991 - JULY 27, 1991. (L1118B-L1129B).  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	06/12/91-07/27/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
GS910883117412.048	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR DATES AUG. 16, 1991 TO AUG. 29, 1991. L1135B-L1137B.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	08/16/91-08/29/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS910983117412.045	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATES: JULY 16 - AUGUST 16, 1991. (L1130B-L1134B).  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	07/16/91-08/16/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P
GS910983117412.046	EARTHQUAKE DEVELOCORDER FILMS..27 BOXES. DATES: AUGUST 12-AUGUST 30, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	08/12/91-08/30/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A Y P



## SITE CHARACTERIZATION PLAN BASELINE

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

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

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## SITE CHARACTERIZATION PLAN BASELINE

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

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GS920383117412.005	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATES: JANUARY 24, 1992 THROUGH FEBRUARY 29, 1992.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/24/92-02/29/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920383117412.006	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: APRIL 26 THROUGH MAY 2, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	04/26/91-05/02/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920383117412.007	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: MAY 14-16, 1991 AND MAY 30 - JUNE 1, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	05/14/91-05/16/91 05/30/91-06/01/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920383117412.008	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: JUNE 11 - 13, 1991 AND JUNE 27 - 29, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	06/11/91-06/13/91 06/27/91-06/29/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
GS920383117412.009	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: JULY 1 - 3, 1991.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	07/01/91-07/03/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P

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

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

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.2.1				
GS900983117421.001	STRATIGRAPHIC AND VOLCANO-TECTONIC RELATIONS OF CRATER FLAT TUFF AND SOME OLDER VOLCANIC UNITS, NYE COUNTY, NEVADA.	01/01/78-12/31/82	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : CRATER FLAT, NTS			
GS900983117421.002	PRELIMINARY ANALYSIS OF GEOPHYSICAL LOGS FROM DRILL HOLE UE-25P#1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.	01/01/83-12/31/83	USGS STANDARD COLLECTION METHOD.	D N C
	ACQN/DEVL LOCATION : UE-25P-1			
GS900983117421.003	THIS REPORT SUMMARIZES A RECONNAISSANCE STUDY OF LATE CENOZOIC FAULTING IN THE VICINITY OF YUCCA MOUNTAIN. DATA AND PRELIMINARY CONCLUSIONS ARE PRESENTED.	01/01/78-12/31/83	USGS STANDARD COLLECTION METHOD.	D N C
	ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA, NTS			

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



## SITE CHARACTERIZATION PLAN BASELINE

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.  ACQN/DEVL LOCATION : CRATER FLAT, NTS	01/01/78-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C
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.  ACQN/DEVL LOCATION : YUCCA MTN AREA	10/01/83-09/17/91	USGS STANDARD COLLECTION METHODS.	A N P
GS910983117441.003	ORIGINAL FIELD SHEETS AT A SCALE OF APPROXIMATELY 1:20 OF THE TRENCH LOGS FOR A FAULT TRENCH LOCATED AT THE NORTH END OF THE ROCK VALLEY FAULT, SOUTH OF FRENCHMAN FLAT.  ACQN/DEVL LOCATION : ROCK VALLEY	01/01/84-12/31/84	USGS STANDARD COLLECTION METHODS.	A N P
GS910983117441.004	TRAVEL-TIME PLOTS AND DETAILED LOCALITY MAPS FOR EACH OF THE LINES RELATED TO APPROXIMATELY 40 SHALLOW SEISMIC REFRACTION PROFILES (SLEDGE-HAMMER SOURCE) THAT WERE COLLECTED FROM THE ROCK VALLEY, 40 MILE WASH, WINDY WASH, AND BEATTY AREAS TO LOOK FOR SUBSURFACE EVIDENCE OF FAULTING ACROSS SUSPECTED FAULT ZONES.  ACQN/DEVL LOCATION : 40 MILE WASH BEATTY ROCK VALLEY WINDY WASH	01/01/85-12/31/86	USGS STANDARD COLLECTION METHOD	A N P

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# SITE CHARACTERIZATION PLAN BASELINE

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			

## SITE CHARACTERIZATION PLAN BASELINE

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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SITE CHARACTERIZATION PLAN BASELINE

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
GS920183117471.001	TELESEISMIC TOMOGRAPHY OF THE YUCCA MOUNTAIN REGION: VOLCANIC AND TECTONISM  ACQN/DEVL LOCATION : USGS, MENLO PARK	01/01/81-12/31/91	NWM-USGS-SP-07 GEOPHYSICS: TELESEISMIC P-RESIDUAL STUDY OF THE TECTONIC ENVIRONMENT.	D N P

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## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
GS920283117471.002	VIBROSEIS AND EXPLOSIVE SOURCE SEISMIC REFLECTION DATA.  ACQN/DEVL LOCATION : T16S R49-52E	01/03/88-01/24/88	NWM-USGS-SP-10, R0	A N P
GS920283117471.003	FEASIBILITY STUDY OF THE SEISMIC REFLECTION METHOD IN THE AMARGOSA DESERT, NYE COUNTY, NEVADA.  ACQN/DEVL LOCATION : USGS	01/28/88-02/10/89	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCES WERE USED TO DEVELOP THIS REPORT.	D N P
GS920283117471.004	COMPARISON OF VIBROSEIS AND EXPLOSIVE SOURCE METHODS FOR DEEP CRUSTAL SEISMIC REFLECTION PROFILING IN THE BASIN AND RANGE PROVINCE.  ACQN/DEVL LOCATION : USGS	06/06/89-06/21/91	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCES WERE USED TO DEVELOP THIS ARTICLE	D Y P
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 YUCCA MOUNTAIN EAST #2 YUCCA MOUNTAIN WEST #3	01/01/82-12/31/82	AUTOMATIC RECORDING EQUIPMENT.	A N P

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SITE CHARACTERIZATION PLAN BASELINE

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

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

# SITE CHARACTERIZATION PLAN BASELINE

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.	01/01/82-12/31/83	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : WEST SIDE OF YUCCA MOUNTAIN, NTS				
Activity - 8.3.1.17.4.7.5				
GS900983117475.001	OBSERVATIONS MADE DURING DRILLING AND SUBSEQUENT TESTING OF THE USW G-1 DRILL HOLE, YUCCA MOUNTAIN, NEVADA, PROVIDE QUALITATIVE INSIGHTS INTO THE IN-SITU GEOMECHANICAL CHARACTERISTICS OF THE LAYERED TUFF UNITS PENETRATED BY THE HOLE.	12/01/81-12/31/81	HYDRAULIC FRACTURING STRESS MEASUREMENTS TESTING.	D N C
ACQN/DEVL LOCATION : 36 52'N 116 27'30"W				
GS900983117475.002	PRELIMINARY ANALYSIS OF GEOPHYSICAL LOGS FROM THE WT SERIES OF DRILL HOLES, YUCCA MOUNTAIN, NYE COUNTY, NEVADA.	01/01/83-12/31/84	USGS STANDARD COLLECTION METHODS.	D N C
ACQN/DEVL LOCATION : WT SERIES DRILL HOLES, NTS				

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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.				

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SITE CHARACTERIZATION PLAN BASELINE

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

## SITE CHARACTERIZATION PLAN BASELINE

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.5.10.2.2				
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 A Y C 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.	
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				

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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 N C
LLLLYMP9108114.000	TWO PHASE FLOW MEASUREMENTS CONTAINED ON RECORD PACKAGE LLYMP9107074 (MAGNETIC TAPE).  ACQN/DEVL LOCATION : LLNL	01/01/84-05/31/91	TWO PHASE FLOW MEASUREMENTS MADE USING LLNL COMPUTER CONTROLLED TEST APPARATUS.	A N P
LLLLYMP9109192.000	DISSOLUTION AND PRECIPITATION KINETICS OF GIBBSITE AT 80 DEGREES C AND PH3: THE DEPENDENCE ON SOLUTION SATURATION STATE.  ACQN/DEVL LOCATION : YALE UNIVERSITY	10/01/89-09/30/90	LABORATORY WET CHEMISTRY.	D N C
Activity - 8.3.5.12.2.1				
SNL19000000001.000	"SUBMITTAL OF LOGBOOK FOR POINT SOURCE MILLER SCALING EXPERIMENTS" WITH COVER LETTER.  ACQN/DEVL LOCATION : SNL	02/16/90-04/19/90	POINT SOURCE MILLER SCALING EXPERIMENTS: LOGBOOK PAGE 1 (51/L19-1/15/90).	D N P
SNL19000000002.000	"SUBMITTAL OF LOGBOOK FOR POINT SOURCE MILLER SCALING EXPERIMENTS" WITH COVER LETTER.  ACQN/DEVL LOCATION : SNL	02/16/90-04/19/90	POINT SOURCE MILLER SCALING EXPERIMENTS: LOGBOOK PAGE 1 (51/L19-1/15/90).	A N P

## SITE CHARACTERIZATION PLAN BASELINE

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

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SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

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
GS920212331210.001	PHYSICAL AND CHEMICAL DATA FROM 1 DIMENSION COMPRESSION OF ROCK CORES.  ACQN/DEVL LOCATION : G-TUNNEL DRIFTS UE-25 UZ #4 UE-25 UZ #5 UE-25 UZP #5 USW UZ-N46	01/18/88-09/05/91	HP-125, HP-223, HP-160 WERE USED TO COLLECT DATA AS WELL AS SOME PROCEDURES WHICH ARE BEING DEVELOPED.	A N P
SNL02000000001.000	LINEAR CUTTING TEST RESULTS FOR CUTTER 84HCT.  ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
SNL02000000002.000	LINEAR CUTTING TEST RESULTS FOR CUTTER AM1723.  ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
SNL02000000003.000	LINEAR CUTTING TEST RESULTS FOR CUTTER A30581.  ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C

## SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SNL02000000004.000	LINEAR CUTTING TEST RESULTS FOR CUTTER SYS35.	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR TEST CUTTING/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
	ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO			
SNL02000000005.000	LINEAR CUTTING TEST SIEVE ANALYSIS RESULTS FOR CUTTER 84HCT	07/19/91-09/30/91	EARTH MECHANIC INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
	ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO			
SNL02000000006.000	LINEAR CUTTING TEST FOR SIEVE ANALYSIS RESULTS FOR CUTTER AM1723	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
	ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO			
SNL02000000007.000	LINEAR CUTTING TEST SIEVE ANALYSIS RESULTS FOR CUTTER A30581	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
	ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO			
SNL02000000008.000	LINEAR CUTTING TEST SIEVE ANALYSIS RESULTS FOR CUTTER SYS35	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL OR ELECTRONIC	A N C
	ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO			

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SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
SNL02000000009.000	LINEAR CUTTER MACHINE LABORATORY LOGBOOKS (3)  ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A N C
SNL05000000001.000	SATURATED HYDRAULIC CONDUCTIVITY DATA FROM KEYSTONE DOCUMENT 6310-85-10: APPENDIX "G".  ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	11/01/81-09/30/87	DATA OBTAINED BY MEASUREMENTS USING LIQUID PERMEAMETER AND SMALL CORES OF TUFF.	A N P
SNL07000000001.000	SATURATED BULK DENSITY DATA FROM KEYSTONE DOCUMENT 6310-85-10: APPENDIX "F".  ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	11/01/81-09/30/87	DATA ACQUIRED BY WATER-DISPLACEMENT METHOD ON SATURATED SAMPLES OF TUFF.	A N P
SNL07000000003.000	MOISTURE RETENTION DATA FROM KEYSTONE DOCUMENT 6310-85-10: APPENDIX "H".  ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	11/01/81-09/30/87	DATA OBTAINED BY EQUILIBRATION OF TUFF SAMPLES WITH DIFFERENT RELATIVE HUMIDITY WHILE DETERMINING MOISTURE CONTENTS BY WEIGHING.	A N P



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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

SOCIOECONOMIC PLAN

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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.  ACQN/DEVL LOCATION : T&MSS	07/01/90-09/30/90	MONITORING OF PROJECT CHARACTERIZATION AS DESCRIBED IN REVISION 1 OF THE SMMP.	A N C

## TBD PRODUCTS

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

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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

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SE00000SEP0106.000	<p>SEPDB PRODUCT:</p> <p>1. BULK DENSITY FOR DRILL HOLES FROM SAND88-0811 (BDEN284H.DAT). 2. BULK DENSITY FOR FIELD SAMPLES FROM SAND88-0811 (BDEN284S.DAT). 3. GRAIN DENSITY FOR DRILL HOLES FROM SAND88-0811 (GDEN284H.DAT). 4. GRAIN DENSITY FOR FIELD SAMPLES FROM SAND88-0811 (GDEN284S.DAT). 5. POROSITY FOR DRILL HOLES FROM SAND88-0811 (PORO284S.DAT). 6. POROSITY FOR FIELD SAMPLES FROM SAND88-0811 (PORO284S.DAT). 7. THERMAL CONDUCTIVITY FROM SAND88-0811 (THERM284.DAT). 8. INSTRUCTIONS TO CONNIE CHOCAS (CONNIE.NOTE).</p> <p>ACQN/DEVL LOCATION : SNL</p>	10/23/91-10/23/91	SEPDB PRODUCT	D N P
*SE00000SEP0107.000	<p>SEPDB PRODUCT 107: 1) MINERALOGY REPORT; 2) MINERALOGY REPORT FOR SURFACE SAMPLES; 3) SAMPLE DESCRIPTION AND INTERPRETATION</p> <p>ACQN/DEVL LOCATION : SNL</p>	03/30/92-03/30/92	SEPDB PRODUCT	D N C
*SE00000SEP0108.000	<p>LIST OF DRILLHOLES FROM WHICH MINERALOGY SAMPLES WERE TAKEN</p> <p>ACQN/DEVL LOCATION : SNL</p>	04/15/92-04/15/92	SEPDB PRODUCT	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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*SE00000SEP0109.000	PART I- TITLE/DESCRIPTION OF DATA. REPORT FILES: J12, J13, UE25A#1, UE25B#1, UE25P#1, USW G-1, USW G-2, USW G-3, USW G-4, USW GU-3, USW H-3, USW H-4, USW H-5, USW H-6, USW WT-1, USW WT-2, REFERENCE REPORT FOR MINERALOGY DATA	05/12/92-05/12/92	SEPDB PRODUCT
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## APPENDIX A

### SITE CHARACTERIZATION PROGRAM BASELINE ACTIVITY NUMBERS AND NAMES

ACTIVITY NO.	ACTIVITY NAME
8.3.1.2.1.1.1	Precipitation and meteorological monitoring
8.3.1.2.1.2.1	Surface - water runoff monitoring
8.3.1.2.1.2.2	Transport of debris by severe runoff
8.3.1.2.1.3.1	Assessment of the regional hydrogeologic data needs in the saturated zones
8.3.1.2.1.3.2	Regional potentiometric-level distribution and hydrogeologic framework studies
8.3.1.2.1.3.3	Fortymile Wash recharge study
8.3.1.2.1.3.4	Evapotranspiration studies
8.3.1.2.1.4.1	Conceptualization of regional hydrologic flow models
8.3.1.2.1.4.2	Subregional two-dimensional area hydrologic modeling
8.3.1.2.2.1.1	Characterization of hydrological properties of surficial materials
8.3.1.2.2.1.2	Evaluation of natural infiltration
8.3.1.2.2.3.1	Matrix hydrologic properties testing
8.3.1.2.2.3.2	Site vertical borehole studies
8.3.1.2.2.4.9	Multipurpose-borehole testing
8.3.1.2.2.6.1	Gaseous-phase circulation study
8.3.1.2.2.7.1	Gaseous - phase chemical investigations
8.3.1.2.2.7.2	Aqueous - phase chemical investigations
8.3.1.2.2.8.1	Development of conceptual and numerical models of fluid flow in unsaturated, fractured rock
8.3.1.2.2.9.3	Simulation of the natural hydrogeologic system
8.3.1.2.3.1.2	Site potentiometric-level evaluation

ACTIVITY NO.	ACTIVITY NAME
8.3.1.2.3.1.3	Analysis of single- and multiple-well hydraulic-stress tests
8.3.1.2.3.1.4	Multiple-well interference testing
8.3.1.2.3.2.1	Assessment of saturated-zone hydrochemical data availability and needs
8.3.1.2.3.2.2	Hydrochemical characterization of water in the upper part of the saturated zone
8.3.1.2.3.2.3	Regional hydrochemical characterization
8.3.1.3.2.1.2	Mineral distributions between the host rock and the accessible environment
8.3.1.3.2.1.3	Fracture mineralogy
8.3.1.3.2.2.1	History of mineralogic and geochemical alteration of Yucca Mountain
8.3.1.3.4.2	Biological sorption and transport
8.3.1.3.5.1.1	Solubility measurements
8.3.1.3.6.1.1	Crushed tuff column experiments
8.3.1.3.6.2.2	Diffusion through a saturated tuff slab
8.3.1.4.2.1.1	Surface and subsurface stratigraphic studies of the host rock and surrounding units
8.3.1.4.2.1.2	Surface-based geophysical surveys
8.3.1.4.2.1.3	Borehole geophysical surveys
8.3.1.4.2.1.5	Magnetic properties and stratigraphic correlations
8.3.1.4.2.1.6	Integration of geophysical activities
8.3.1.4.2.2.1	Geologic mapping of zonal features in the Paintbrush Tuff
8.3.1.4.2.2.2	Surface - fracture network studies
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

ACTIVITY NO.	ACTIVITY NAME
8.3.1.4.2.3.1	Development of a three-dimensional geologic model of the site area
8.3.1.5.1.1.1	Synoptic characterization of regional climate
8.3.1.5.1.3.1	Analysis of pack rat middens
8.3.1.5.1.3.3	Determination of vegetation-climate relationships
8.3.1.5.1.4.1	Modeling of soil properties in the Yucca Mountain region
8.3.1.5.1.4.3	Eolian history of the Yucca Mountain region
8.3.1.5.2.1.1	Regional paleoflood evaluation
8.3.1.5.2.1.2	Quaternary unsaturated zone hydrochemical analysis
8.3.1.5.2.1.3	Evaluation of past discharge areas
8.3.1.5.2.1.4	Analog recharge studies
8.3.1.5.2.1.5	Studies of calcite and opaline silica vein deposits
8.3.1.6.1.1.3	An analysis of hillslope erosion at Yucca Mountain
8.3.1.6.2.1.1	Synthesis and data evaluation of impact of future climatic conditions on locations and rates of erosion
8.3.1.6.3.1.1	Synthesis and data evaluation of the impact of future uplift or subsidence and faulting on erosion at Yucca Mountain and vicinity
8.3.1.8.5.1.3	Field geologic studies
8.3.1.9.2.2.1	Projected trends in local and regional ground-water development, and estimated withdrawal rates in southern Nevada, proximal to Yucca Mountain
8.3.1.12.2.1.1	Site meteorological monitoring program
8.3.1.14.2.2.1	Physical property and index laboratory tests
8.3.1.15.1.2.1	Thermal expansion characterization
8.3.1.15.2.1.2	Overcore stress experiments in the exploratory studies facility

ACTIVITY NO.	ACTIVITY NAME
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
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

ACTIVITY NO.	ACTIVITY NAME
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