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U.S. DEPARTMENT OF ENERGY

OCRWM

YUCCA MOUNTAIN

YUCCA MOUNTAIN
SITE CHARACTERIZATION
PROJECT

YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT

TECHNICAL DATA CATALOG

102.8

DECEMBER 31, 1992

UNITED STATES DEPARTMENT OF ENERGY

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YUCCA MOUNTAIN
SITE CHARACTERIZATION PROJECT

TECHNICAL DATA CATALOG

DECEMBER 31, 1992

Prepared by

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INTRODUCTION

The June 1, 1985, Department of Energy (DOE)/Nuclear Regulatory Commission (NRC) Site-Specific Procedural Agreement for Geologic Repository Site Investigation and Characterization Program requires the DOE to develop and maintain a catalog of data which will be updated and provided to the NRC at least quarterly. This catalog is to include a description of the data; the time (date), place, and method of acquisition; and where it may be examined. The Yucca Mountain Site Characterization Project (YMP) Technical Data Catalog is published and distributed in accordance with the requirements of the Site-Specific Agreement.

The YMP Technical Data Catalog is a report based on reference information contained in the YMP Automated Technical Data Tracking System (ATDT). The reference information is provided by Participants for data acquired or developed in support of the YMP. The Technical Data Catalog is updated quarterly and published in the month following the end of each quarter. Each new publication of the Technical Data Catalog supersedes the previous edition.

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

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

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

The information contained in the Technical Data Catalog is organized by the governing plan under which the referenced technical data were acquired or developed. The applicable governing plans are identified in the Table of Contents. Site Characterization Program Baseline (SCPB) data items referenced in the Catalog are further grouped by SCPB Activity Number.

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

(1) Data Tracking Number - Unique identifier for the referenced data item.

(2) Data Title/Description - A brief description of the referenced data item.

(3) Acquisition/Development Period - The date or range of dates during which the referenced data item was acquired or developed.

(4) Acquisition/Development Location - The field or laboratory location where the referenced data item was acquired or developed.

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

(5) Acquisition/Development Method - A brief description of the method used and/or the procedure followed to acquire or develop the referenced data item.

(6) Data Type - An "A" for acquired data or a "D" for developed data.

(7) Qualified - A "Y" for Yes or an "N" for No indicating whether or not the referenced data item was acquired or developed under an NRC accepted quality assurance program or qualified in accordance with appropriate YMP procedures.

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

(8) Data Location - A "P" indicates that the data reside in, and may be examined only at, a Participant Data Archive. A "T" indicates that the data are in the Technical Data Base (TDB) and may be examined there or at the Central Records Facility (CRF). A "C" indicates that the data are in, and may be examined at, the CRF.

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

Appendix A of this document lists the activity numbers and titles of all SCPB related data items referenced in the Catalog. Appendix B outlines the types of data that are available in the Geologic and Engineering Materials Bibliography of Chemical Species (GEMBOCHS) component of the TDB. Appendix C identifies any additions or modifications that were incorporated into the GEMBOCHS data base during the current quarter. Appendices D and E provide similiar information for the Geographic Nodal Information Study and Evaluation System (GENISES) component of the TDB.

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

ENVIRONMENTAL MONITORING AND MITIGATION PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
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					
*GS920800012548.005	DATA ON GROUND WATER LEVELS AND SPRING FLOWS INCLUDING WELL DEPTHS, CASING INFORMATION, DISCHARGE MEASUREMENTS, WELL AND SPRING LOCATIONS, SECOND QUARTER, 1992.	04/01/92-06/30/92	USGS DATA WERE COLLECTED USING HP-54,R0, WATER-FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS; HP-61,R0, USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); HP-99,R1, INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS; AND HP-166,R0, STREAM DISCHARGE MEASUREMENTS USING A PYGMY METER.	A	N	P
	ACQN/DEVL LOCATION : 36 00'N 117 00'W ;37 00'N 116 00'W					
*GS921100012548.006	DATA ON GROUND WATER LEVELS AND SPRING FLOWS INCLUDING WELL DEPTHS, CASING INFORMATION, DISCHARGE MEASUREMENTS, WELL AND SPRING LOCATIONS FOR THIRD QUARTER, 1992.	07/01/92-09/30/92	DATA WERE COLLECTED USING HP-54, WATER-FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS.	A	Y	C
	ACQN/DEVL LOCATION : 36 00'N 117 00'W ;37 00'N 116 00'W					

ENVIRONMENTAL MONITORING AND MITIGATION PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
TM000000000001.001	GAMMA SPECTRAL DATA FROM ENVIRONMENTAL PROTECTION AGENCY (EPA) SAMPLES, CONFIRMATORY DATA ONLY.	10/14/87-12/24/89	SEE RADIOLOGICAL MONITORING PLAN AND APPLICABLE PROCEDURES. THIS IS RAW GAMMA SPECTROSCOPY DATA FOR ANALYSIS OF RADIOLOGICAL SAMPLES AS DEFINED IN THE RADMP.	A	N	C
	ACQN/DEVL LOCATION : NEAR FIELD/FAR FIELD					
TM000000000001.002	RADON MONITORING DATA REPORT (TERRADEX) FIRST QUARTER OF 1987.	01/01/87-04/30/87	SEE APPLICABLE BRANCH TECHNICAL PROCEDURES-ER(S) IN FORCE DURING THE PERIOD.	A	N	C
	ACQN/DEVL LOCATION : RMP LOCATION 6, 1-5					
TM000000000001.003	RADIATION SURVEY AND LEAK TEST/SMEER DATA FROM JANUARY CY90 TO AUGUST CY90.	01/01/90-09/30/90	HEALTH STANDARD PRACTICES: NOTE COLLECTION WAS CONSISTENT WITH PROCEDURES (INSTRUCTIONS BEING ISSUED IN THE RADIOLOGICAL MONITORING INSTRUCTION MANUAL, TMSS/RFPD-90/001).	A	N	C
	ACQN/DEVL LOCATION : AREA 25/NTS					
TM000000000001.027	VISIBLE EMISSION OBSERVATION FORMS	07/08/92-07/08/92	OBSERVATION BY A TRAINED OBSERVER OF VISIBLE EMISSIONS	A	N	P
	ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA					

METEOROLOGICAL MONITORING PLAN

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

METEOROLOGICAL MONITORING PLAN

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

METEOROLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
TM000000000001.031	QUARTERLY METEOROLOGICAL DATA REPORT, JUNE 1988 THROUGH AUGUST 1988 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	06/01/88-08/31/88	DATA WAS ACQUIRED FROM ON-SITE DATALOGGERS	D	Y	P
TM000000000001.032	QUARTERLY METEOROLOGICAL DATA REPORT, DECEMBER 1988 THROUGH FEBRUARY 1989 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	12/01/88-02/28/89	DATA WAS ACQUIRED FROM ON-SITE DATALOGGERS	D	Y	P
*TM000000000001.033	AMBIENT AIR MONITORING REPORT, JULY - SEPTEMBER 1992 ACQN/DEVL LOCATION : T&MSS	07/01/92-09/30/92	REFORMATING OF DATA ACQUIRED BY DATALOGGERS	D	N	C

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIFF	QUALIFIED	LOCATION
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
TM000000001987.001	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
TM000000001991.001	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR FIRST QUARTER 1991. ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES	01/17/91-03/29/91	TLD DATA ACQUIRED PER T&MSS WORK INSTRUCTIONS WI-RM-901, WI-RM-902, WI-RM-903, AND WI-RM-905.	A	Y		C

RADIOLOGICAL MONITORING PLAN

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

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIFF	QUALIFIED	LOCATION
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						
*TM000000001991.017	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1991 SOIL SAMPLES. SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 61, 67, 88, 91, 92, 93, AND UZ-16 (UE-25UZ#16)	07/11/92-09/03/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y		C
	ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, N.J.						

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
TM000000001992.001	EPERM DATA FOR JANUARY 1992.	01/07/92-02/12/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A	Y	C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES					
TM000000001992.002	EPERM DATA FOR FEBRUARY 1992.	02/12/92-03/10/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A	Y	C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES					
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.					
TM000000001992.006	ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR JUNE 1992.	06/05/92-07/06/92	EPERM DATA ACQUIRED PER TMSS WORK INSTRUCTION WI-RM-770.	A	Y	C
	ACQN/DEVL LOCATION : RFPD NEAR FIELD SAMPLING SITES					

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
TM000000001992.007	ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR JULY 1992. ACQN/DEVL LOCATION : RFPD NEAR FIELD SAMPLING SITES	07/06/92-08/05/92	EPERM DATA ACQUIRED PER TMSS WORK INSTRUCTION WI-RM-770.	A	Y		C
TM000000001992.008	ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR AUGUST 1992. ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES.	08/05/92-09/04/92	EPERM DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A	Y		C
*TM000000001992.009	ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR SEPTEMBER 1992. ACQN/DEVL LOCATION : RFPD NEAR FIELD SAMPLING SITES	09/04/92-10/02/92	EPERM DATA ACQUIRED PER TMSS WORK INSTRUCTION WI-RM-770.	A	Y		C
*TM000000001992.010	ENVIRONMENTAL RADON MEASUREMENTS FOR OCTOBER 1992. ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES.	10/02/92-11/04/92	DATA ACQUIRED PER T&MSS WORK INSTRUCTION WI-RM-770.	A	Y		C
*TM000000001992.011	ENVIRONMENTAL RADON MEASUREMENTS FOR NOVEMBER 1992. ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES.	11/04/92-12/02/92	DATA ACQUIRED PER TMSS WORK INSTRUCTION WI-RM-770.	A	Y		C
TM000000001992.013	ENVIRONMENTAL THERMOLUMINESCENT (TLD) DATA FOR FIRST QUARTER OF 1992. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD MONITORING SITES	01/03/92-04/10/92	TLD DATA ACQUIRED PER T&MSS WORK INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD PROCESSING BY VENDOR.	A	Y		C

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
TM000000001992.014	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR SECOND QUARTER 1992. ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES.	03/25/92-07/10/92	TLD EXCHANGE AND HANDLING PER T&MSS WORK INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, N.J.	A	Y	C
*TM000000001992.015	ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR THIRD QUARTER 1992. ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD MONITORING SITES.	06/29/92-10/13/92	TLD EXCHANGE AND HANDLING PER TMSS WORK INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, N.J.	A	Y	C
TM000000001992.017	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 17, 61, 67, 89, 94, 95, 98, 100, AND 103, AND NORTH PORTAL TEST PITS TP14 AND TP30A. SAMPLES GATHERED BETWEEN 1/17/91 AND 4/21/92. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ	03/16/92-07/15/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y	C
TM000000001992.018	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD CONTINUOUS AIR SAMPLER (CAS) FILTERS FOR THE FIRST, SECOND AND THIRD QUARTERS OF 1991. SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 61, AND 67. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ.	03/27/92-06/17/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y	C

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
TM000000001992.019	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLE OBTAINED FROM NEAR FIELD SITES 88, 91, 92, 93, AND UZ16. SAMPLES GATHERED BETWEEN 10/2/91 AND 12/16/91. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ.	03/18/92-07/28/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y		C
TM000000001992.020	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLES OBTAINED FROM NEAR FIELD SITES 17, 89, 94, 95, 98, 100, 103, NPH-TP14 AND TP30A, AND A25-011791. SAMPLES GATHERED BETWEEN 7/71/91 AND 4/21/92. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ.	07/23/92-08/07/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y		C
TM000000001992.021	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD CAS AIR FILTERS. SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 61, AND 67. SAMPLES GATHERED BETWEEN 10/2/91 AND 1/7/92 (4TH QUARTER 1991). ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, NJ.	07/09/92-07/23/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y		C
*TM000000001992.022	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1992 NEAR FIELD CONTINUOUS AIR SAMPLES FROM FIRST QUARTER. SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 17, 61, 67, 86, AND 87. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, N.J.	07/11/92-08/20/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y		C

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
*TM000000001992.023	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1992 NEAR FIELD SOIL SAMPLES. SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 61, 67, 86, AND 87. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, N.J.	07/24/92-09/04/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y		C
*TM000000001992.024	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 2ND QTR 1992 CAS SAMPLES. SAMPLES OBTAINED FROM 3/30/92 THROUGH 6/26/92. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, N.J.	08/29/92-10/06/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y		C
*TM000000001992.025	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1ST QTR 1992 CAS SAMPLES. SAMPLES OBTAINED FROM 12/29/91 THROUGH 3/24/92. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, N.J.	07/20/92-10/21/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y		C
*TM000000001992.026	PO-210 RADIOCHEMICAL ANALYTICAL RESULTS FOR BIOTA, CAS, AND SOIL SAMPLES FROM WORK ORDER NUMBERS 4-2406, 4-2407, 4-2487, 4-2617, 4-2634, AND 4-2835. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, N.J.	08/10/92-10/02/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y		C

RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
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)						
*TM000019891991.001	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1989 AND 1991 BIOTA SAMPLES. SAMPLES OBTAINED FROM NEAR FIELD SITES 5, 12, 14, 37, 58, 59, AND 69. SAMPLES OBTAINED IN 4/89, 5/89 OR 10/91.	08/05/92-10/07/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y	C
	ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, N.J.						
*TM000019901991.001	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1990 AND 1991 VEGETATION SAMPLES. SAMPLES FROM NEAR FIELD SITES 81, 73, 32, 35, 85, 34, 70, 45, 80, 33, 26, 38, 82, 84, AND 77.	08/03/92-10/03/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y	P
	ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, N.J.						
*TM000019911992.001	ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1991 AND 1992 BIOTA SAMPLES. SAMPLES OBTAINED FROM NEAR FIELD SITES 5, 12, 2, 37, 58, AND 69. SAMPLES OBTAINED IN EITHER 10/91 OR 4/92.	07/29/92-09/10/92	RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR.	A	Y	C
	ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, N.J.						

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
**TM00012562T1BA.001	SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING FY 1989 (NOVEMBER 1989).	10/01/88-09/30/89	COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT OF CHARACTERISTICS OF SOUTHERN NYE COUNTY. THESE DATA WERE OBTAINED FROM VALLEY ELECTRIC ASSOCIATION IN PAHRUMP. DATA WAS VERIFIED BY FIELD OBSERVATIONS.	A	N		P
	ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)						
**TM00012562T1BA.002	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		P
	ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)						
**TM00012562T1BA.003	YUCCA MOUNTIAN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING FY 1990 (DECEMBER 1990).	10/01/89-09/30/90	COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS IN EACH COMMUNITY AND VERIFIED BY FIELD OBSERVATIONS.	A	N		P
	ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)						
**TM00012562T1BA.004	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1990 (APRIL 1991).	01/01/90-12/31/90	COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY DURING CALENDAR YEAR 1990. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS IN EACH COMMUNITY AND VERIFIED BY FIELD OBSERVATIONS.	A	N		P
	ACQN/DEVL LOCATION : 84 KM RADIUS OF N765621.5(N), E570434.6(N)						

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*TM00012562T1BA.006	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1991 (APRIL 1992)	01/01/91-12/31/91	COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY AND PORTIONS OF CLARK COUNTY. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS IN EACH COMMUNITY AND VERIFIED BY FIELD OBSERVATIONS.	A	Y	C

ACQN/DEVL LOCATION : 84 KM RADIUS OF 116 25 35.1W 36 51 05.46N

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920308312111.001	0.1MM RESOLUTION PRECIPITATION DATA GENERATED BY THE QUALIMETRICS, INC. MODEL 6041-B PROPANE HEATED TIPPING BUCKET RAIN AND SNOW GAGE. ACQN/DEVL LOCATION : YUCCA MOUNTAIN	05/03/89-03/20/92	AUTOMATED PRECIPITATION GAGE AND C.S.I. 21X DATALOGGER.	A	N	P
GS920308312111.002	WIND SPEED DATA GENERATED BY A MET-ONE INC. MODEL 024A (SERIAL NO. 503-83) AT WEATHER STATION NO. 5 DURING THE PERIOD MAY 3, 1989 TO JANUARY 11, 1990. ACQN/DEVL LOCATION : YUCCA MOUNTAIN	05/03/89-01/11/90	MET-ONE INC. MODEL 024A WIND SPEED SENSOR AND C.S.I. 21X DATALOGGER.	A	N	P
GS920708312111.005	PRECIPITATION DEPTH, IN INCHES, COLLECTED USING A NETWORK OF NON-AUTOMATED,COLLECTOR-TYPE PLASTIC GAUGES. MEASUREMENTS WERE TAKEN AFTER EACH MAJOR PRECIPITATION EVENT AND TOTALLED FOR EACH MONTH. DATA COLLECTED FROM 01/01/90 TO 09/30/91. ACQN/DEVL LOCATION : 36 45'N 116 30'W ;36 57'N 116 17'W	01/01/90-09/30/91	PRECIPITATION AMOUNTS WERE READ DIRECTLY FROM A SCALE IMPRINTED ON THE SIDE OF THE GAUGES. MEASUREMENTS WERE MADE IN INCHES OF RAINFALL.	A	N	P
GS920708312111.006	METEOROLOGICAL DATA CONSISTING OF WIND SPEED DIRECTION, AMBIENT AIR TEMPERATURE, RELATIVE HUMIDITY, NET SOLAR RADIATION, PRECIPITATION, AND BAROMETRIC PRESSURE. DATA WERE COLLECTED AT FIVE WEATHER STATIONS WITHIN THE YUCCA MOUNTAIN AREA. ACQN/DEVL LOCATION : 743968N(N)610564E(N) 759011N(N)567934E(N) 760134N(N)558356E(N)	10/01/89-09/30/91	DATA WERE GENERATED BY SENSORS MOUNTED ON AUTOMATED DATA COLLECTION PLATFORMS OPERATING AT REMOTE FIELD LOCATIONS. DATA WERE RECORDED BY DATALOGGERS AND STORED DIGITALLY ON MAGNETIC TAPE AT EACH FIELD LOCATION. TAPES WERE PERIODICALLY RETRIEVED AND DOWNLOADED TO A COMPUTER DATABASE. DATA COULD ALSO BE RETRIEVED VIA RADIO TELEMETRY LINKS WITH EACH SITE. DATA ARE ARCHIVED ON REMOVABLE CARTRIDGE DISKS.	A	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
	771482N(N)560148E(N)					
Activity - 8.3.1.2.1.2.1						
GS901208312111.001	SURFACE-WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENT NOTES, AND PRECIPITATION DATA COLLECTED DURING WATER YEARS 1983-85 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA. 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
GS920708312121.001	SURFACE-WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENTS, AND NOTES COLLECTED DURING WATER YEARS 1983-85 FOR YUCCA MOUNTAIN AND VICINITY , NYE COUNTY, NEVADA. ACQN/DEVL LOCATION : USGS-WRD, LAS VEGAS	06/01/91-07/31/92	DATA WAS DEVELOPED USING METHOD DESCRIBED IN USGS-TWRTI'S BOOK 3, CH. A1, A2, A3, A8, AND A13; BOOK 4 CH. B1; BOOK 8 CH. A2 AND B2; AND USGS-WSP 2175.	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

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

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
Activity - 8.3.1.2.1.3.2							
GS910408312134.002	WELL TEST DATA FOR WELLS AT 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
GS910408312134.004	POTENTIOMETRIC DATA AND ANALYSES FOR FRANKLIN LAKE PLAYA. ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A	N		C
GS910908312132.001	GEOHYDROLOGIC DATA FOR TEST WELL USW H-6, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA. ACQN/DEVL LOCATION : USW H-6	08/01/82-09/01/82	USGS STANDARD COLLECTION METHODS.	A	N		T
GS910908312132.002	GEOHYDROLOGIC DATA FOR TEST WELL USW H-5, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA. ACQN/DEVL LOCATION : N766643(N) E558943(N)	05/01/82-06/01/82	USGS STANDARD COLLECTION METHODS.	A	N		T
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. ACQN/DEVL LOCATION : 36 15'22"N 116 04'47"W 36 15'33"N 116 11'14"W 36 18'23"N 116 25'14"W 36 31'34"N 116 29'20"W 36 32'34"N 116 32'17"W 36 32'43"N 116 35'41"W 36 33'16"N 116 36'24"W 36 34'10"N 116 26'11"W	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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	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					
GS920608312132.002	LITHOLOGICAL DESCRIPTIONS OF BOREHOLE CUTTINGS FROM TWO WELLS (AMARGOSA DESERT): 1)FELDERHOFF-FEDERAL-25-1 - TOTAL 337 SAMPLES 2) FELDERHOFF-FEDERAL-5-1 - TOTAL 53 SAMPLES. ACQN/DEVL LOCATION : T16S R50E SECTION 5	09/17/91-10/23/91	CONVENTIONAL LITHOLOGICAL DESCRIPTIONS	A	N	P
GS920908312132.005	VERTICAL HYDRAULIC GRADIENT DATA AND INTERPRETATION FROM WELLS GS-15, -16, AND -17. PUBLISHED IN "A HINT OF RECHARGE AT FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA, USA" AND "DOES LOCALIZED RECHARGE OCCUR AT A DISCHARGE AREA WITHIN THE GROUND-WATER FLOW SYSTEM OF YUCCA MOUNTAIN, NEVADA?" BY JOHN B. CZARNECKI, DANIEL RONEN, MORDECKAI MARGARITZ, AND LEVY KROITORU. ACQN/DEVL LOCATION : USGS, DENVER	06/13/92-06/30/92	VERTICAL HYDRAULIC GRADIENT CALCULATED BY OBTAINING THE SLOPE OF THE LINE OF BEST FIT THROUGH THE WATER-LEVEL ALTITUDES OF THE THREE WELLS, GS-15, -16, AND -17. INTERPRETATION BASED ON EXAMINATION AND COMPARISON OF SOURCE DATA.	D	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.2.1.3.3						
GS910708312133.001	FREQUENCY ANALYSIS OF ROCK VALLEY ANNUAL PRECIPITATION. SUMMARY OF MONTHLY WATER BALANCE FOR 1965-1976. SUMMARY OF MONTHLY WATER BALANCE FOR 1969. SUMMARY OF ORIGINAL CREAMS MODEL INPUT/OUTPUT.	01/01/65-01/01/76	THIS WAS AN APPLICATION OF THE CREAMS MODEL - A FIELD SCALE MODEL FOR CHEMICALS RUNOFF AND EROSION FROM AGRICULTURAL MANAGEMENT SYSTEMS. THE ROCK VALLEY PRECIPITATION DATA WAS COMPILED BY LEONARD LANE. THE 1965-76 DATA FOR MONTHLY WATER BALANCE WERE ESTIMATED FROM THE CREAM MODEL AND OBSERVED PRECIPITATION DATA.	A	N	P
	ACQN/DEVL LOCATION : USGS					
Activity - 8.3.1.2.1.3.4						
GS910408312134.001	EVAPOTRANSPIRATION DATA, RESULTS FROM EDDY-CORRELATION PLOTS AND ANALYSES FOR FRANKLIN LAKE PLAYA. POTENTIAL EVAPOTRANSPIRATION FOR FRANKLIN LAKE.	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A	N	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					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
GS910408312134.004	POTENTIOMETRIC DATA AND ANALYSES FOR FRANKLIN LAKE PLAYA. ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A	N	C
GS910408312134.005	SENSITIVITY ANALYSES FOR UNSATURATED ZONE FLOW MODEL OF FRANKLIN LAKE PLAYA (1 DIMENSIONAL). ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A	N	C
GS910408312134.006	MOISTURE CONTENT FOR FRANKLIN LAKE PLAYA. ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 18'N 116 20'W 36 18'N 116 25'W ;36 10'N 116 25'W	05/01/83-05/01/87	USGS STANDARD COLLECTION METHODS.	A	N	C
GS920308312134.001	HYDROCHEMICAL DATA FROM WELL FL OBTAINED WITH A MULTILEVEL SAMPLER AT FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA ACQN/DEVL LOCATION : 36 16'00"N 116 23'00"W	06/21/89-12/31/89	HYDROCHEMICAL OF WELL WATER FROM WELL FL USING AN INSITU MULTILEVEL SAMPLER DEPLOYED FOR PERIODS OF EIGHT DAYS AND THIRTY DAYS. WELL WAS ALSO BAILED. SEE USGS-HP-200 FOR DESCRIPTION OF METHODS.	D	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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
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. ACQN/DEVL LOCATION : USGS	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
GS920408312142.002	FINITE ELEMENT SIMULATION OF GROUNDWATER FLOW IN THE VICINITY OF YUCCA MOUNTAIN, NEVADA - CALIFORNIA. ACQN/DEVL LOCATION : USGS	01/01/84-12/06/84	USGS STANDARD METHODS.	D	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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 ACQN/DEVL LOCATION : USGS	01/01/86-12/31/88	QALA 3334G-02-01	D	N	P
Activity - 8.3.1.2.2.1.1						
GS900908312211.001	THIS REPORT PRESENTS DATA COLLECTED TO DETERMINE THE HYDROLOGIC CHARACTERISTICS OF ROCKS PENETRATED IN TEST WELL USW H-1. ACQN/DEVL LOCATION : USW H-1	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS.	D	N	P
GS900908312211.002	HYDROLOGIC, METEOROLOGICAL AND UNSATURATED-ZONE MOISTURE-CONTENT DATA, FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA. ACQN/DEVL LOCATION : FRANKLIN LAKE PLAYA, SOUTHERN NV, AND ADJACENT CA	05/01/83-07/31/85	USGS STANDARD COLLECTION METHODS.	D	N	P
GS920108312211.001	LABORATORY AND FIELD MEASUREMENTS DONE ON SOIL/ALLUVIUM/COLLUVIUM SAMPLES TO DETERMINE PHYSICAL PROPERTIES AND FIELD GEOMORPHOLOGICAL OBSERVATIONS. ACQN/DEVL LOCATION : USGS	01/01/87-01/31/89	LABORATORY METHODS FOR SOIL PHYSICAL PROPERTIES WERE STANDARD SOILS METHODS LOCATED IN "METHODS OF SOIL ANALYSIS-PHYSICAL PROPERTIES" ASA MONOGRAPH NO.9. REMAINING METHODS WERE PROTOTYPE.	D	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*GS921008312211.002	GRAVIMETRIC WATER CONTENT MEASUREMENTS OF CORE AND CUTTINGS FROM UE-25UZ#4 AND UE-25UZ#5 ACQN/DEVL LOCATION : UE-25UZ#4 UE-25UZ#5	09/06/84-11/19/84	CORE AND CUTTING SAMPLES WERE WEIGHED BEFORE AND AFTER DRYING.	A	N	P
*GS921008312211.003	WATER POTENTIAL MEASUREMENT OF CORE AND CUTTINGS FROM UE-25UZ#4 AND UE-25UZ#5 ACQN/DEVL LOCATION : TEST CELL 'C' USGS, AREA 25, NTS	09/14/84-09/19/85	WATER POTENTIAL MEASUREMENTS OF CORE AND CUTTINGS WERE MADE WITH THE SC-10 DECAGON DEVICE.	A	N	P
*GS921008312211.004	GRAIN AND BULK DENSITY MEASUREMENTS OF ROTARY CORE FROM UE-25UZ#4 AND UE-25UZ#5 ACQN/DEVL LOCATION : HOLMES & NARVER MATERIALS TESTING LAB, MERCURY, NV	11/19/84-08/05/85	ANNUAL BOOK OF ASTM STANDARDS , V.19: 1) STANDARD TEST METHOD FOR BULK SPECIFIC-GRAVITY OF COMPACTED BITUMINOUS MIXTURES USING PARAFILM-COATED SPECIMENS, ANSI-ASTM D 1188-71; 2) STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS, ANSI ASTM D 854-58	A	N	P
*GS921008312211.005	TRITIUM CONCENTRATIONS IN ALLUVIAL-COLLUVIAL MATERIAL FROM UE-25UZ#4 ACQN/DEVL LOCATION : USGS TRITIUM LABORATORY, RESTON, VA	01/04/85-08/15/85	USGS STANDARD METHODS FOR TRITIUM MEASUREMENTS, TWRI, BOOK 5, CH. A5	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*GS921208312211.009	GRAVIMETRIC WATER CONTENT MEASUREMENTS OF CORES AND CUTTINGS FROM USW UZ-6S	04/23/85-09/06/85	CORE AND CUTTING SAMPLES WERE WEIGHED BEFORE AND AFTER DRYING	A	N	P
	ACQN/DEVL LOCATION : USW UZ-6S					
*GS921208312211.010	WATER POTENTIAL MEASUREMENTS OF CORES & CUTTINGS FROM USW UZ-6S	05/18/85-04/22/86	WATER POTENTIAL MEASUREMENTS OF CORE & CUTTINGS WERE MADE WITH THE SC-10 DECAGON DEVICE	A	N	P
	ACQN/DEVL LOCATION : TEST CELL C, USGS, AREA 25, NTS					
*GS921208312211.011	BULK & GRAIN DENSITY MEASUREMENTS OF ROTARY CORE FROM USW UZ-6S	04/23/86-06/09/86	ANNUAL BOOK OF ASTM STANDARDS, V.19; 1) STANDARD TEST METHODS FOR BULK SPECIFIC-GRAVITY OF COMPACTED BITUMINOUS MIXTURES USING PARAFILM-COATED SPECIMENS, ANSI ASTMD 1188-71; 2) STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS, ANSI ASTM D 854-58	A	N	P
	ACQN/DEVL LOCATION : HOLMES & NARVER MATERIALS TESTING LAB, MERCURY, NV					
*SNSAND87238000.000	HYDRAULIC CONDUCTIVITY, BULK DENSITY, WATER RETENTION, AND CURVE FIT PARAMETER DATA. SAND87-2380: "STATISTICAL ANALYSIS OF HYDROLOGIC DATA FOR YUCCA MOUNTAIN"	08/21/82-12/01/87	THE DATA ANALYZED IN THIS REPORT CONSIST OF MEASUREMENTS MADE ON TUFF SAMPLES OBTAINED FROM CORES TAKEN FROM THREE DRILL HOLES AT YUCCA MOUNTAIN. THE CYLINDRICAL CORES WERE ABOUT 6 CM IN DIAMETER AND 6 TO 20 CM LONG. SAMPLES WERE TAKEN FROM EACH OF THE FUNCTIONAL UNITS WITHIN EACH DRILL HOLE, AT VARIOUS DEPTHS WITHIN EACH UNIT, USUALLY 10 M OR MORE APART. STATISTICAL ANALYSES WERE MADE FROM FOUR HYDRAULIC VARIABLES: SATURATED-MATRIX HYDRAULIC CONDUCTIVITY; MAXIMUM MOISTURE CONTENT; SUCTION HEAD; AND GROUNDWATER TRAVEL TIME.	D	N	P
	ACQN/DEVL LOCATION : SANDIA NATIONAL LABORATORIES, ALBUQUERQUE, NM					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.2.2.1.2						
GS910808312212.001	GEOHYDROLOGIC DATA FROM SHALLOW NEUTRON-ACCESS HOLES, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY DANIEL O BLOUT, DALE P HAMMERMEISTER, CAROLE LOSKOT, AND MICHAEL P CHORNACK. ACQN/DEVL LOCATION : UE25 UZN-1 UE25 UZN-10 UE25 UZN-11 UE25 UZN-12 UE25 UZN-13 UE25 UZN-14 UE25 UZN-18 UE25 UZN-19 UE25 UZN-2 UE25 UZN-20 UE25 UZN-21 UE25 UZN-22 UE25 UZN-23 UE25 UZN-28 UE25 UZN-29 UE25 UZN-3 UE25 UZN-30 UE25 UZN-4 UE25 UZN-5 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	07/01/84-02/01/86	REFER TO TECHNICAL PROCEDURE HP-62 FOR DETAILS CONCERNING DATA COLLECTION METHODS.	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	USW UZ-N41					
	USW UZ-N42					
	USW UZ-N43					
	USW UZ-N44					
	USW UZ-N45					
	USW UZ-N46					
	USW UZ-N47					
	USW UZ-N48					
	USW UZ-N49					
	USW UZ-N50					
	USW UZ-N51					
	USW UZ-N52					
	USW UZ-N65					
	USW UZ-N66					
	USW UZ-N67					
	USW UZ-N68					
	USW UZ-N69					
	USW UZ-N70					
	USW UZ-N71					
	USW UZ-N72					
	USW UZ-N73					
	USW UZ-N74					
	USW UZ-N75					
	USW UZ-N76					
	USW UZ-N77					
	USW UZ-N78					
	USW UZ-N79					
	USW UZ-N80					
	USW UZ-N81					
	USW UZ-N82					
	USW UZ-N83					
	USW UZ-N84					
	USW UZ-N86					
	USW UZ-N87					
	USW UZ-N88					
	USW UZ-N89					
	USW UZ-N90					
	USW UZ-N93					
	USW UZ-N94					
	USW UZ-N95					
	USW UZ-N96					
	USW UZ-N98					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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	C
**GS920208312212.001	WEATHERSTATION DATA FOR YUCCA MOUNTAIN, NV FOR 1988 AND UP TO 5/2/89. DATA INCLUDES DAILY VALUES OF INCOMING SHORTWAVE SOLAR RADIATION AND AIR TEMPERATURE. ACQN/DEVL LOCATION : 36 08'00"N 116 04'00"W	01/01/88-05/02/89	PYRANOMETER AND CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168,RO, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER.	A	N	P
GS920208312212.002	1989 WEATHERSTATION DATA FOR YUCCA MOUNTAIN, NV, FROM 5/3/89. INCLUDES DAILY VALUES OF SHORTWAVE RADIATION AND AIR TEMPERATURE. ACQN/DEVL LOCATION : 36 08'00"N 116 04'00"W	05/03/89-12/31/89	QA APPROVED WEATHERSTATIONS AND ALL ACCOMPANYING INSTRUMENTS. HP-97,RO, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CAMPBELL SCIENTIFIC, INC. 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; AND HP-168, RO, MEASUREMENT OF ENERGY FLUX DENSITY USING A PYRANOMETER.	A	Y	P
**GS920208312212.003	PREDICTION OF ACTUAL SOLAR RADIATION USING MODELED CLEARSKY RADIATION AND AIR TEMPERATURE, BY ALAN L. FLINT AND LORRAINE E. FLINT ACQN/DEVL LOCATION : USGS HRF, MERCURY, NV	01/01/90-01/24/92	MODELING OF CLEARSKY RADIATION DATA USING SITE PARAMETERS DESCRIBED IN PAPER "CALCULATION OF SOLAR RADIATION IN MOUNTAINOUS TERRAIN" IN AGRICULTURE AND FOREST METEOROLOGY, 40:233-249, 1987.	D	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
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
*GS921008312211.002	GRAVIMETRIC WATER CONTENT MEASUREMENTS OF CORE AND CUTTINGS FROM UE-25UZ#4 AND UE-25UZ#5 ACQN/DEVL LOCATION : UE-25UZ#4 UE-25UZ#5	09/06/84-11/19/84	CORE AND CUTTING SAMPLES WERE WEIGHED BEFORE AND AFTER DRYING.	A	N		P
*GS921008312211.003	WATER POTENTIAL MEASUREMENT OF CORE AND CUTTINGS FROM UE-25UZ#4 AND UE-25UZ#5 ACQN/DEVL LOCATION : TEST CELL 'C' USGS, AREA 25, NTS	09/14/84-09/19/85	WATER POTENTIAL MEASUREMENTS OF CORE AND CUTTINGS WERE MADE WITH THE SC-10 DECAGON DEVICE.	A	N		P
*GS921008312211.004	GRAIN AND BULK DENSITY MEASUREMENTS OF ROTARY CORE FROM UE-25UZ#4 AND UE-25UZ#5 ACQN/DEVL LOCATION : HOLMES & NARVER MATERIALS TESTING LAB, MERCURY, NV	11/19/84-08/05/85	ANNUAL BOOK OF ASTM STANDARDS , V.19: 1) STANDARD TEST METHOD FOR BULK SPECIFIC-GRAVITY OF COMPACTED BITUMINOUS MIXTURES USING PARAFILM-COATED SPECIMENS, ANSI-ASTM D 1188-71; 2) STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS, ANSI ASTM D 854-58	A	N		P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
*GS921008312211.005	TRITIUM CONCENTRATIONS IN ALLUVIAL-COLLUVIAL MATERIAL FROM UE-25UZ#4	01/04/85-08/15/85	USGS STANDARD METHODS FOR TRITIUM MEASUREMENTS, TWRI, BOOK 5, CH. A5	A	N	P
	ACQN/DEVL LOCATION : USGS TRITIUM LABORATORY, RESTON, VA					
*GS921208312211.009	GRAVIMETRIC WATER CONTENT MEASUREMENTS OF CORES AND CUTTINGS FROM USW UZ-6S	04/23/85-09/06/85	CORE AND CUTTING SAMPLES WERE WEIGHED BEFORE AND AFTER DRYING	A	N	P
	ACQN/DEVL LOCATION : USW UZ-6S					
*GS921208312211.010	WATER POTENTIAL MEASUREMENTS OF CORES & CUTTINGS FROM USW UZ-6S	05/18/85-04/22/86	WATER POTENTIAL MEASUREMENTS OF CORE & CUTTINGS WERE MADE WITH THE SC-10 DECAGON DEVICE	A	N	P
	ACQN/DEVL LOCATION : TEST CELL C, USGS, AREA 25, NTS					
*GS921208312211.011	BULK & GRAIN DENSITY MEASUREMENTS OF ROTARY CORE FROM USW UZ-6S	04/23/86-06/09/86	ANNUAL BOOK OF ASTM STANDARDS, V.19; 1) STANDARD TEST METHODS FOR BULK SPECIFIC-GRAVITY OF COMPACTED BITUMINOUS MIXTURES USING PARAFILM-COATED SPECIMENS, ANSI ASTMD 1188-71; 2) STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS, ANSI ASTM D 854-58	A	N	P
	ACQN/DEVL LOCATION : HOLMES & NARVER MATERIALS TESTING LAB, MERCURY, NV					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*GS921208312212.005	NEUTRON MOISTURE METER COUNTS FROM LOGS COLLECTED FROM 74 BOREHOLES AT YUCCA MOUNTAIN, NV, FROM THE TIME THEY WERE DRILLED UNTIL 5/2/89. ACQN/DEVL LOCATION : UE-25UZN#1 UE-25UZN#10 UE-25UZN#12 UE-25UZN#13 UE-25UZN#14 UE-25UZN#18 UE-25UZN#19 UE-25UZN#2 UE-25UZN#20 UE-25UZN#21 UE-25UZN#22 UE-25UZN#23 UE-25UZN#25 UE-25UZN#26 UE-25UZN#28 UE-25UZN#29 UE-25UZN#3 UE-25UZN#30 UE-25UZN#4 UE-25UZN#5 UE-25UZN#56 UE-25UZN#6 UE-25UZN#60 UE-25UZN#7 UE-25UZN#8 UE-25UZN#85 UE-25UZN#9 UE-25UZN#97 USW UZN-24 USW UZN-40 USW UZN-41 USW UZN-42 USW UZN-43 USW UZN-44 USW UZN-45 USW UZN-46 USW UZN-47	07/24/84-05/02/89	NEUTRON LOGS WERE COLLECTED USING THE CPN 503 MOISTURE PROBE APPROXIMATELY EVERY 1-2 MONTHS USING USGS-HP-62,R0 THRU R4, METHOD FOR MEASURING SUB-SURFACE MOISTURE CONTENT USING A NEUTRON MOISTURE METER.	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	USW UZN-48					
	USW UZN-49					
	USW UZN-50					
	USW UZN-51					
	USW UZN-52					
	USW UZN-65					
	USW UZN-66					
	USW UZN-67					
	USW UZN-68					
	USW UZN-69					
	USW UZN-70					
	USW UZN-71					
	USW UZN-72					
	USW UZN-73					
	USW UZN-74					
	USW UZN-75					
	USW UZN-76					
	USW UZN-77					
	USW UZN-78					
	USW UZN-79					
	USW UZN-80					
	USW UZN-81					
	USW UZN-82					
	USW UZN-83					
	USW UZN-84					
	USW UZN-86					
	USW UZN-87					
	USW UZN-88					
	USW UZN-89					
	USW UZN-90					
	USW UZN-91					
	USW UZN-92					
	USW UZN-93					
	USW UZN-94					
	USW UZN-95					
	USW UZN-96					
	USW UZN-98					

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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 USW G-2 USW G-3	01/01/84-09/30/86	CORE ANALYSES DONE BY USGS APPROVED VENDOR.	A	N	C
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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
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 PAGANY WASH VERTICAL TRANSECT SHARDY BASE HORIZONTAL TRANSECT TOPOPAH CAPROCK HORIZONTAL TRANSECT UZ6 VERTICAL TRANSECT YUCCA CREST HORIZONTAL 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
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. ACQN/DEVL LOCATION : USW GU-3	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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : BUSTED BUTTE VERTICAL TRANSECT CALICO HILLS VERTICAL TRANSECT PAGENY WASH VERTICAL TRANSECT SHARDY BASE HORIZONTAL TRANSECT TOPOPAH CAPROCK HORIZONTAL TRANSECT UZ6 VERTICAL TRANSECT YUCCA CREST HORIZONTAL TRANSECT	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
GS920508312231.014	MOISTURE RETENTION CURVES AND PRESSURE MEASUREMENTS FOR TEST WELL USW H-1. ACQN/DEVL LOCATION : USW H-1	07/24/81-07/24/81	USGS STANDARD COLLECTION METHODS.	A	N	P
GS920508312231.015	PRELIMINARY EVALUATION OF HYDROLOGIC PROPERTIES OF CORES OF UNSATURATED TUFF, TEST WELL USW H-1. ACQN/DEVL LOCATION : USGS	01/01/83-07/12/84	USGS STANDARD METHODS.	D	N	T

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
*GS921208312231.016	LABORATORY TEST RESULTS FOR CORE SAMPLES FROM TWO-DIMENSIONAL SHARDY BASE TRANSECT. ACQN/DEVL LOCATION : USGS HRF LAB, AREA 25, NTS	02/01/92-11/13/92	LABORATORY MEASUREMENTS OF POROSITY, BULK DENSITY, PARTICLE DENSITY, SATURATED HYDRAULIC CONDUCTIVITY, AND SORPTIVITY.	A	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
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. ACQN/DEVL LOCATION : HYDROLOGY RESEARCH FACILITY, AREA 25, NTS.	03/19/91-08/01/91	COLLECTED USING THMCAL VERSION 1.006 SOFTWARE. YMP-USGS/NHP0045.01	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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, 397970, 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					
GS911108312232.005	CORE INDEX, SAMPLING RECORD, DESCRIPTION OF SAMPLES AND FRACTURES FOR USW UZ-13.	01/24/85-04/18/85	USGS STANDARD COLLECTION METHODS.	A	N	C
	ACQN/DEVL LOCATION : N752100(N) E558500(N)					
GS911108312232.006	CORE DATA FOR USW UZ-13.	01/24/85-04/18/85	USGS STANDARD COLLECTION METHODS.	A	N	C
	ACQN/DEVL LOCATION : N752100(N) E558500(N)					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
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 NACl SOLUTIONS AND MEASURING VOLTAGE.	A	Y	P
GS920208312231.007	PHYSICAL LAB DATA OF CORE SAMPLES FROM BOREHOLES DD1 AND DD2. INCLUDES DEPTH, BULK DENSITY, POROSITY, VOLUMETRIC WATER CONTENT, AND RELATIVE SATURATION. ACQN/DEVL LOCATION : DD-1 DD-2	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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : G-TUNNEL	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
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. ACQN/DEVL LOCATION : GTUF (G-TUNNEL UNDERGROUND FACILITY)	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
GS920808312232.001	GEOHYDROLOGICAL DATA FROM DRILL-BIT CUTTINGS AND ROTARY CORES FROM TEST HOLE USW UZ-13, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY JACK KUME AND DALE P. HAMMERMEISTER. ACQN/DEVL LOCATION : HOLMES & NARVER, MERCURY, NV TEST CELL C USGS, NTS	01/24/85-04/18/85	THE REPORT DESCRIBES METHODS USED IN DRILLING AND CORING THE TEST HOLE, METHODS USED TO COLLECT, HANDLE AND TEST SAMPLES, AND TO DETERMINE LITHOLOGIC INFORMATION, WATER CONTENT AND POTENTIAL, BULK DENSITY AND GRAIN-DENSITY DATA FOR THE TEST HOLE.	D	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.2.2.4.2						
*GS921208312242.001	AIR PRESSURE (GAUGE AND ABSOLUTE), TEMPERATURE, RELATIVE HUMIDITY, WATER PRESSURE, WATER AND AIR FLOW RATES, MASS, WATER VOLUME, TIME, MATRIC POTENTIAL, ELECTRIC RESISTANCE. ACQN/DEVL LOCATION : USGS LAB, DFC DENVER	09/02/91-11/30/92	PROGRAMS WRITTEN IN TURBO PASCAL WERE DEVELOPED TO CONTROL SCANNERS, VOLTMETERS, CURRENT SOURCES, WATER PUMP, AND A MASS SCALE TO COLLECT THE DATA. THE DATA WERE COLLECTED DURING AN INFILTRATION EXPERIMENT INTO A BLOCK OF FRACTURED WELDED TUFF. THE BLOCK MEASURED 47.5 CM LONG X 54.3 CM WIDE X 80.6 CM HIGH.	A	Y	P
*GS921208312242.002	"LABORATORY STUDY OF WATER INFILTRATION INTO A BLOCK OF WELDED TUFF" BY FALAH THAMIR, EDWARD KWICKLIS, AND STEVE ANDERTON. ACQN/DEVL LOCATION : USGS LAB, DFC DENVER	09/01/92-12/16/92	INTERPRETATION OF SOURCE DATA BY INVESTIGATOR.	D	Y	P
Activity - 8.3.1.2.2.4.9						
GS900908312249.001	TRIAXIAL-COMPRESSION EXTRACTION OF PORE WATER FROM UNSATURATED TUFF, YUCCA MOUNTAIN, NEVADA. ACQN/DEVL LOCATION : UE25 UZ-4 UE25 UZ-5	06/01/87-06/30/87	USGS STANDARD COLLECTION METHODS.	D	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : USW-UZ-1 USW-UZ-6 USW-UZ6S	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
*GS921208312261.002	C.S.I. 21X DATALOGGER PRINTOUT FOR WELL USW UZ-6S ACQN/DEVL LOCATION : USW UZ-6S	05/03/89-08/18/89	AUTOMATED DATA COLLECTION SYSTEM	A	N	P
*GS921208312261.003	CO2, CH4, C-13, & C-14 DATA COLLECTED IN USW WELLS UZ-6, UZ-6S, UZ-N93, UZ-N94, UZ-N95, AT SELECTED DEPTH INTERVALS ACQN/DEVL LOCATION : S.M.U., DALLAS, TX USGS, DENVER	03/01/90-04/03/91	C-14 ANALYSIS PERFORMED AT S.M.U., CO2 > BENZENE SYNTHESIS - SCINTILLATION ANALYSIS. C-13 MASS SPEC. ANALYSIS. CO2 & CH4 COLLECTED USING STANDARD METHODS & ANALYSIS PERFORMED BY GAS CHROMATOGRAPHY.	A	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : UZ1	05/01/89-10/31/91	USGS-HP-195	A	Y	P
GS911108312271.002	FIELD PUMPING DATA SHEETS DOCUMENTING PUMPING TIMES, FLOW RATES, SAMPLE COLLECTION AND TUBING ADVANCES FOR UZ1. ACQN/DEVL LOCATION : UZ1	01/01/84-10/31/91	USGS-HP-56	A	Y	P
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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS911208312271.006	LABORATORY RESULTS OF DELTA 18 0 VALUES FROM WATER VAPOR SAMPLES, BOREHOLE UZ1. ACQN/DEVL LOCATION : USGS	04/10/89-10/31/89	USGS APPROVED VENDOR SERVICE	D	Y	P
GS911208312271.007	LABORATORY RESULTS OF TRITIUM VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE UZ1. ACQN/DEVL LOCATION : USGS	02/04/86-10/31/91	USGS APPROVED VENDOR LABORATORY	D	Y	P
GS911208312271.008	LABORATORY RESULTS OF DELTA D VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE UZ1. ACQN/DEVL LOCATION : USGS	04/10/89-10/31/91	USGS APPROVED VENDOR LABORATORY	D	Y	P
GS911208312271.009	LABORATORY RESULTS OF CARBON-14 ANALYSIS OF GAS SAMPLES FROM BOREHOLE UZ1. ACQN/DEVL LOCATION : USGS	01/01/84-10/31/91	USGS STANDARD METHODS	D	Y	P
GS911208312271.010	LABORATORY RESULTS OF CARBON-13/CARBON 12 ISOTOPE RATIO FROM GAS SAMPLES FROM BOREHOLE UZ1. ACQN/DEVL LOCATION : USGS	01/01/84-10/31/91	USGS STANDARD METHODS	D	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
GS911208312271.011	GAS CHROMATOGRAPH INTERPRETATION OF GAS CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING UZ1 BOREHOLE GAS SAMPLING. ACQN/DEVL LOCATION : USGS	12/01/84-04/01/91	USGS-HP-160	D	Y	P
Activity - 8.3.1.2.2.7.2						
GS910408312272.001	COMPARISON OF PORE-WATER EXTRACTION BY TRIAXIAL COMPRESSION AND HIGH-SPEED CENTRIFUGATION METHODS. ACQN/DEVL LOCATION : USGS	01/10/86-04/30/86	USGS STANDARD COLLECTION METHOD	D	N	C
GS920408312272.002	PRELIMINARY ISOTOPIC DATA 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 : ROSENTIEL TRITIUM LAB, U. OF MIAMI, FL U OF A, TUCSON, AZ USBR, DENVER USGS, DENVER USGS, RESTON	10/10/84-04/19/90	CORES WERE OBTAINED BY DRY-CORING. SAMPLES WERE SUBJECTED TO SEALING AND TEMPERATURE CONTROL IN TRANSPORT; SUBJECTED TO TRIAXIAL COMPRESSION OR HIGH-SPEED CENTIFUGATION, THEN VACUUM DISTILLATION TO OBTAIN WATER FOR ANALYSES. 3H, DEL D, AND DEL 18/O ANALYSES WERE PERFORMED.	A	N	C
*GS920508312272.003	DATA FROM PACKAGING MATERIALS FOR CORE SEALING TESTS. TESTS UTILIZE SAMPLES FROM PROTOTYPE BOREHOLE UZP5, BOREHOLE UE-25 UZ #4, AND G-TUNNEL. ACQN/DEVL LOCATION : G-TUNNEL UE-25 UZ #4 UZP5, ALTS, AZ	10/10/84-09/30/91	MEASUREMENT OF SEALING MATERIAL AND PACKAGING FOR TRANSPORT.	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*GS920508312272.004	DATA FROM BOREHOLE USW UZ-6S SAMPLE COLLECTION. DATA INCLUDES RECORDS OF COLLECTIONS BY DISTILLATION, COMPRESSION, CENTRIFUGATION. ACQN/DEVL LOCATION : USW UZ 6-S	10/10/84-09/30/91	RECORD METHOD (TRIAXIAL OR UNIAXIAL COMPRESSION ,CENTRIFUGATION OR VACUUM DISTILLATION) USED TO OBTAIN WATER SAMPLES FOR ANALYSES.	A	N	P
*GS920508312272.006	RAW DATA FROM BOREHOLE UZP5 SAMPLE COLLECTION. DATA INCLUDES RECORDS OF COLLECTIONS BY DISTILLATION, COMPRESSION, CENTRIFUGATION. ACQN/DEVL LOCATION : UZP5, ALTS, AZ	05/15/90-09/30/91	DOCUMENT METHOD (COMPRESSION, DISTILLATION,OR CENTRIFUGATION) USED TO OBTAIN WATER SAMPLES FOR ANALYSES.	A	N	P
*GS920508312272.008	WEIGHT & MOISTURE CONTENT DATA FROM PACKAGING MATERIALS CORE SEALING TESTS. TESTS UTILIZE SAMPLES FROM PROTOTYPE BOREHOLE UZP5, UE-25 UZ #4, AND G-TUNNEL. ACQN/DEVL LOCATION : G-TUNNEL UE-25 UZ #4 UZP5, ALTS, AZ	10/10/84-09/30/91	MEASUREMENT OF WEIGHT AND MOISTURE CONTENT OF SAMPLES. SAMPLES WERE SUBJECTED TO SEALING AND TEMPERATURE CONTROL IN TRANSPORT.	A	N	P
*GS920508312272.012	DATA FROM CHEMICAL ANALYSES OF WATER SAMPLES COLLECTED BY DISTILLATION, COMPRESSION, CENTRIFUGATION FROM BOREHOLE USW UZ-6S CORE. ACQN/DEVL LOCATION : HUFFMAN LABS, DENVER NWQL, USGS DENVER ROCKY MOUNTAIN ANALYTICAL LABS, DENVER	10/10/84-09/30/91	CHEMICAL ANALYSES OF WATER SAMPLES.	A	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
*GS920908312272.011	"FLOW AND TRANSPORT THROUGH UNSATURATED ROCK--DATA FROM TWO TEST HOLES , YUCCA MOUNTAIN ,NEVADA," BY I.C.YANG ACQN/DEVL LOCATION : USGS, DENVER	01/01/89-04/01/92	INTERPRETING DATA RESULTS FROM UE-25UZ#4 AND UE-25UZ#5 AS IDENTIFIED. TRITIUM (3H) AND CHEMISTRY DATA WERE ANALYZED AND INTERPRETED. CARBON ISOTOPES ARE ALSO EXAMINED.	D	N	P
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	A	N	P
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.	A	N	C
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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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). ACQN/DEVL LOCATION : LAWRENCE BERKLEY LABS	10/01/90-10/01/91	DEVELOPMENT OF A THREE DIMENSIONAL MODEL OF YUCCA MOUNTAIN UNSATURATED ZONE.	D	Y	P
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

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	USW WT-17 USW WT-18 USW WT-2 USW WT-3 USW WT-4 USW WT-5 USW WT-6 USW WT-7 UZN 2-9 VH-1					
GS910508312312.005	LOGBOOKS CONTAINING RAW DATA IN THE FORM OF ORIGINAL WATER LEVEL MEASUREMENTS, CORRECTION SHEETS FOR THE DATA AND A FILE CONTAINING THE CORRECTED DATA IN A MORE USABLE FORMAT. 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	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

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	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. ACQN/DEVL LOCATION : J-11 J-12 J-13 UE25B#1 USW H-3 WT-1 WT-10 WT-12 WT-13 WT-15 WT-17 WT-18 WT-7	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
GS920108312312.001	SCIENTIFIC NOTEBOOK. WATER LEVEL AND BAROMETRIC PRESSURE DATA COLLECTED USING SENSORS CONNECTED TO DATA COLLECTION PLATFORMS (HANDAR MODEL S 70 A) ACQN/DEVL LOCATION : UE 25 WT-6 USW G-3 USW H-4 USW H-5 USW H-6 USW WT-11	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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : J-11 J-12 J-13 TEST WELL B UE-29 A #1 UE-29 A #2 UE-29UZ91 UE-5N UE25 WT-12 UE25 WT-14 UE25 WT-17 UE25 WT-18 UE25 WT-3 UE25 WT-4 UE25 WT-6 UE25B #1 UE25P #1 USW G-3 USW G-4 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW VH-1 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	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

SITE CHARACTERIZATION PLAN BASELINE

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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	USW H-5 USW H-6 USW WT-11 USW WT-2					
GS920208312312.005	1991 RAW WATER-LEVEL DATA IN THE FOLLOWING FORMATS: ANALOG CHART RECORDER, RAW MILLIVOLT VALUES FROM TRANSDUCERS (GRAPHICAL AND NUMERICAL FORM), REGRESSION ANALYSES OF TRANSDUCER CALIBRATIONS (LOGBOOK PAGES ATTACHED), COPIES OF LOGBOOK PAGES CONTAINING DATA OBTAINED FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN WITH STEEL TAPES AND/OR MULTICONDUCTOR CABLES. ACQN/DEVL LOCATION : J-11 J-12 J-13 TEST WELL B UE-25 WT #13 UE-25 WT #16 UE-25 WT #18 UE-25 WT #6 UE-25B #1 UE-25P #1 UE-5N USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2	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	TDIF TYPE	QUALIFIED	LOCATION
GS920208312312.006	ELECTRONIC DATABASE RAW WATER-LEVEL DATA COLLECTED AT WELL SITES IN THE VICINITY OF YUCCA MOUNTAIN. PART OF THE 1991 CONTINUOUS WATER-LEVEL NETWORK DATA PACKAGE. ACQN/DEVL LOCATION : UE-25 WT #6 USW G-3 USW H-4 USW H-5 USW H-6 USW WT-11	09/26/90-12/31/91	HP-196T, R0. DATA COLLECTED USING A DATA COLLECTION PLATFORM.	A	Y	P
GS920408312312.007	MANUAL WATER-LEVEL MEASUREMENT DATA COLLECTED AT WELLS ON OR NEAR YUCCA MOUNTAIN, NEVADA. FROM PERIODIC LOGBOOK 1992. ACQN/DEVL LOCATION : J-11 J-12 J-13 TEST WELL B UE-25 WT #12 UE-25 WT #13 UE-25 WT #14 UE-25 WT #15 UE-25 WT #16 UE-25 WT #17 UE-25 WT #18 UE-25 WT #3 UE-25 WT #4 UE-25 WT #6 UE-25B #1 UE-25C #1 UE-25C #2 UE-25C #3 UE-25P #1 UE-5N USW G-3 USW H-1 USW H-3	01/02/92-04/06/92	USGS HP-26, R1, USGS HP-75, R1 AND USGS HP-25, R1. MEASUREMENTS MADE USING STEEL TAPE.	A	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	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
GS920608312312.009	DEPTHS-TO-WATER BELOW SEA LEVEL CALCULATED FROM RAW MANUAL WATER-LEVEL MEASUREMENTS. REPORT TITLE - "WATER LEVELS IN PERIODICALLY MEASURED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1988" ACQN/DEVL LOCATION : USGS, DFC	01/01/89-05/18/90	RAW MANUAL WATER-LEVEL MEASUREMENTS WERE ADJUSTED TO TRUE DEPTH BELOW SEA LEVEL. THE MEASUREMENTS WERE ADJUSTED FOR STRETCH, THERMAL EXPANSION, PROBE LENGTH, BOREHOLE DEVIATION AND ALTITUDE OF A REFERENCE POINT, AS NECESSARY	D	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
GS920608312312.010	MANUAL WATER-LEVEL MEASUREMENT DATA FROM 1988-90. ACQN/DEVL LOCATION : TEST WELL B UE-25 B #1 UE-25 C #1 UE-25 C #2 UE-25 C #3 UE-25 P #1 UE-25 WT #12 UE-25 WT #13 UE-25 WT #14 UE-25 WT #15 UE-25 WT #16 UE-25 WT #17 UE-25 WT #18 UE-25 WT #3 UE-25 WT #4 UE-25 WT #6 UE-5N USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-1 USW WT-10 USW WT-11 USW WT-2 USW WT-7 WELL J-11 WELL J-12 WELL J-13 WELL VH-1	01/01/88-12/31/90	ALL MANUAL WATER-LEVEL MEASUREMENTS TAKEN FROM 1988-1990 WERE USED TO DEVELOP THIS DATA SET.	D	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920608312312.011	PRECISION AND ACCURACY OF MANUAL WATER-LEVEL MEASUREMENTS TAKEN IN THE YUCCA MOUNTAIN AREA, 1988-90. ACQN/DEVL LOCATION : USGS, DFC	04/25/90-06/21/92	PRECISION DATA WAS CALCULATED USING RAW WATER-LEVEL DATA TAKEN WITH STEEL TAPES OR A MULTICONDUCTOR CABLE. ACCURACY DATA WAS CALCULATED FROM CALIBRATION DATA. REFERENCE TECHNICAL PROCEDURES: HP-25, HP-75, HP-26.	D	Y	P
GS920708312312.012	RAW, MANUALLY MEASURED WATER LEVEL DATA (CONTAINED IN LOGBOOKS AND ON WATER LEVEL DETERMINATION SHEETS), CALIBRATION DATA & SUBSEQUENT WORKUPS, LISTS OF THE MEASURING POINTS AND REFERENCE POINTS AT THE WELLS ACQN/DEVL LOCATION : TEST WELL B UE-25 B #1 UE-25 C #1 UE-25 C #2 UE-25 C #3 UE-25 P #1 UE-25 WT #12 UE-25 WT #13 UE-25 WT #14 UE-25 WT #15 UE-25 WT #16 UE-25 WT #17 UE-25 WT #18 UE-25 WT #3 UE-25 WT #4 UE-25 WT #6 UE-5N USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-1 USW WT-10 USW WT-11	01/01/88-12/31/88	WATER LEVEL DATA COLLECTED USING STEEL TAPES OR MULTICONDUCTOR CABLE UNITS. RELATED TECHNICAL PROCEDURES INCLUDE: HP-26, HP-25, HP-60, HP-75.	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	USW WT-10 USW WT-11 USW WT-2 USW WT-7 WELL J-11 WELL J-12 WELL J-13 WELL VH-1					
GS920808312312.014	WATER-LEVEL DATA CONSISTING OF: LOGBOOK PAGES CONTAINING RAW DATA FROM MANUAL MEASUREMENTS, WATER-LEVEL DATA WORKSHEETS, CALIBRATION REGRESSIONS AND CORRESPONDING LOGBOOK PAGES. DATA FROM SPECIFIC WELLS FOR 2ND QUARTER, 1992. ACQN/DEVL LOCATION : USGS, DENVER	04/01/92-06/30/92	CONVERSION OF RAW WATER-LEVEL DATA TO TRUE DEPTHS-TO-WATER AND THE CALIBRATION REGRESSIONS WERE COMPLETED USING STANDARD MATHEMATICAL EQUATIONS.	D	Y	P
GS920808312312.015	TRANSDUCER CALIBRATION DATA FROM WELLS IN THE YUCCA MOUNTAIN AREA. ACQN/DEVL LOCATION : UE-25 B #1 UE-25 P #1 UE-25 WT #13 UE-25 WT #3 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2	03/03/92-07/01/92	TRANSDUCER CALIBRATIONS PERFORMED ACCORDING TO THE GUIDELINES IN HP-60,R2, METHOD FOR MONITORING WATER-LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920808312312.016	TRANSDUCER CALIBRATION REGRESSION EQUATIONS. ACQN/DEVL LOCATION : USGS	08/19/92-08/21/92	REGRESSION ANALYSES PERFORMED USING STANDARD STATISTICAL ANALYSES	D	Y	C
GS920808312312.017	TRANSDUCER OUTPUT DATA FROM WELLS IN THE YUCCA MOUNTAIN AREA SHOWING RESPONSE TO EARTHQUAKES ON JUNE 28 AND JUNE 30, 1992 ACQN/DEVL LOCATION : UE-25 B #1 UE-25 P #1 UE-25 WT #13 UE-25 WT #3 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2	06/26/92-07/11/92	WATER-LEVEL RESPONSE DATA COLLECTED ACCORDING TO HP-60, R2, METHOD FOR MONITORING WATER-LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS; HP-196T,R0, DATA COLLECTION PLATFORMS; AND HP-221T,R0, MONITORING THE WELL WATER LEVEL OR FLUID PRESSURE RESPONSE TO UNDERGROUND NUCLEAR EXPLOSIONS OR EARTHQUAKES. TABLE SHOWING MONITORING DEPTHS OF WELLS CONTAINS STANDARD PROJECT INFORMATION.	A	Y	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*GS921008312312.018	DATA RESULTING FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN @ WELLS SITES ON OR AROUND YUCCA MOUNTAIN, NEVADA -- THIRD QUARTER, 1992 OF THE PERIODIC NETWORK LOGBOOK. ACQN/DEVL LOCATION : TEST WELL B UE-25 P #1 UE-25 WT #12 UE-25 WT #14 UE-25 WT #15 UE-25 WT #16 UE-25 WT #17 UE-25 WT #18 UE-25 WT #4 UE-25 WT #6 UE-29 A #1 UE-29 A #2 UE-29 UZN #91 USW G-2 USW G-3 USW H-1 USW H-5 USW WT-1 USW WT-10 USW WT-7 WELL J-11 WELL J-12 WELL J-13 WELL VH-1	06/29/92-09/29/92	TECHNICAL PROCEDURES HP-25,R1, METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR; HP-26,R1, METHOD FOR CALIBRATING WATER-LEVEL MEASUREMENT EQUIPMENT USING THE REFERENCE STEEL TAPE; HP-61,R0, USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); AND HP-75,R1, METHOD FOR MEASURING WATER LEVELS IN WELLS USING REELED (2600-FOOT AND 2800-FOOT) STEEL TAPES.	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
*GS921008312312.019	WATER-LEVEL MEASUREMENT WORKSHEETS AND CALIBRATION REGRESSION ANALYSES, SELECT WELLS FOR THIRD QUARTER, 1992. ACQN/DEVL LOCATION : USGS, DENVER	06/29/92-09/29/92	CALIBRATION ANALYSES PERFORMED USING STANDARD STATISTICAL EQUATIONS. CONVERSION OF RAW WATER-LEVEL MEASUREMENTS TO DEPTHS-TO-WATER ABOVE SEA LEVEL PERFORMED USING STANDARD MATHEMATICAL TECHNIQUES.	D	Y		P
*GS921008312312.022	LOGBOOK PAGES FROM UE-25P #1 LOGBOOK SHOWING CALIBRATION OF THE TRANSDUCER/DCP SYSTEM. ACQN/DEVL LOCATION : UE-25P #1	09/02/92-09/24/92	HP-60,R2, METHOD FOR MONITORING WATER-LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS.	A	Y		P
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

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

SITE CHARACTERIZATION PLAN BASELINE

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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
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
GS920508312313.004	ANALOG CHARTS OF WATER-LEVEL FLUCTUATIONS CAUSED BY EARTHQUAKES. ACQN/DEVL LOCATION : USW H-5	04/22/92-04/26/92	REFERENCE SCIENTIFIC NOTEBOOK PLAN HP-221T, R0.	D	Y	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920508312313.005	"EARTHQUAKE-INDUCED WATER-LEVEL FLUCTUATIONS AT YUCCA MOUNTAIN, NEVADA, APRIL 1992" BY G. M. O'BRIEN. ACQN/DEVL LOCATION : USGS	04/26/92-04/26/92	USING DATA ON STRIP CHARTS AND CALIBRATION DATA FROM CALIBRATIONS OF THE TRANSDUCERS (REFERENCE HP-60, R2), CALCULATED WATER-LEVEL CHANGES WERE DEVELOPED IN WELLS IN RESPONSE TO EARTHQUAKES.	D	Y	C
*GS921208312313.006	SEISMIC CROSSHOLE DATA FROM WELLS UE-25C#2 AND UE-25C#3 ACQN/DEVL LOCATION : UE-25C#2 UE-25C#3	06/25/92-07/09/92	DATA RECORDED USING YMP SOFTWARE CID: YMP-USGS/GSP0005.01 (X-ACQ V 1.0) AND THE L.B.L. SEISMIC ACQUISITION SYSTEM.	A	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

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

SITE CHARACTERIZATION PLAN BASELINE

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

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

SITE CHARACTERIZATION PLAN BASELINE

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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : USGS	07/01/88-07/31/88	USGS STANDARD TEST METHODS.	D	N	C
Activity - 8.3.1.3.2.1.2						
LA000000000014.001	CALCITE DEPOSITS IN DRILL CORES USW G-2 AND USW GU-3/G-3 AT YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	02/07/91-06/30/92	PETROGRAPHY, INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS, AND ELECTRON MICRO-PROBE ANALYSIS	A	Y	P
LA000000000015.001	GEOLOGIC EVALUATION OF SIX NONWELDED TUFF SITES FOR A SURFACE-BASED TEST FACILITY FOR THE YUCCA MOUNTAIN PROJECT ACQN/DEVL LOCATION : LANL	03/01/90-02/21/91	MODAL POINT COUNTS, X-RAY DIFFRACTION, NEUTRON ACTIVATION ANALYSIS, ATOMIC ABSORPTION SPECTROPHOTOMETRY, X-RAY FLUORESCENCE, LOSS ON IGNITION, PHOSPHOMOLYBDATE COLORIMETRY, AND FIELD OBSERVATIONS.	A	Y	P
LA000000000018.001	REVISED MINERALOGIC SUMMARY OF YMP ACQN/DEVL LOCATION : LANL	09/01/81-11/01/88	X-RAY DIFFRACTION	D	N	P
*LA000000000025.001	CALCITE DEPOSITS IN FRACTURES AT YUCCA MOUNTAIN MOUNTAIN NEVADA ACQN/DEVL LOCATION : LANL	12/06/90-10/28/92	PETROGRAPHY (TWS-EES-DP-03,R3) MICROPROBE (LANL-EES-DO-07,R4) AND INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS (WASHINGTON UNIVERSITY)	A	Y	P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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
LA000000000020.001	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
LA000000000021.001	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						
LA000000000016.001	PEDOGENESIS OF SILICEOUS CALCRETES OF YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	08/30/87-05/08/92	PETROGRAPHY, XRD, SEM, AND INAA ANALYSIS	A	Y	P
LA000000000016.002	PEDOGENESIS OF SILICEOUS CALCRETES OF YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	08/30/87-06/16/92	PETROGRAPHY, XRD, SEM AND INAA ANALYSIS	D	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
LA000000000022.001	BEDROCK BRECCIAS ALONG FAULT ZONES NEAR YUCCA MOUNTAIN, NEVADA ACQN/DEVL LOCATION : LANL	11/05/84-11/20/90	ELECTRON MICROPROBE, SCORNING, ELECTRON MICROSCOPE, X-RAY DIFFRACTION, OPTICAL MICROSCOPY, FIELD OBSERVATION	A	Y	P
*LA000000000023.001	PRELIMINARY ASSESSMENT OF CLINOPTILOLITE K/AR RESULTS FROM YUCCA MOUNTAIN NEVADA ,USA; A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE. ACQN/DEVL LOCATION : LANL	08/10/89-10/30/91	XRD ANALYSIS, POTASSIUM ANALYSIS BY FLAME PHOTOMETER, ARGON ANALYSIS BY MASS SPECTROMETER AND MINERAL SEPARATION IN DEIONIZED WATER AND HEAVY LIQUIDS	A	Y	P
*LA000000000024.001	SURFACE-DISCHARGING HYDROTHERMAL SYSTEMS AT YUCCA MOUNTAIN - EXAMINING THE EVIDENCE. PETROGRAPHIC AND FIELD STUDIES,ELECTRON MICROPROBE DATA, SCANNING ELECTRON MICROSCOPE DATA, X-RAY DIFFRACTION DATA. ACQN/DEVL LOCATION : LANL	01/05/90-10/01/92	FIELD WORK, PETROGRAPHIC STUDY, X-RAY DIFFRACTION, SCANNING-ELECTRON MICROPROBE.	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.3.2.2.2						
LA000000000017.001	DEHYDRATION AND REHYDRATION OF A TUFF VITROPHYRE	07/14/87-04/11/92	HEATING, WEIGHING, X-RAY DIFFRACTION, THERMOGRAVIMETRIC ANALYSIS, FOURIER-TRANSFORM INFRARED SPECTROGRAPHY, MOISTURE-EVOLUTION ANALYSIS, ION CHROMO-TOGRAPHY AND ATOMIC ABSORPTION	A	Y	P
	ACQN/DEVL LOCATION : LANL					
Activity - 8.3.1.3.4.2						
LA000000000003.001	"CHELATION" - ABSORBANCE -VS- WAVELENGTH (NM) DATA	08/01/90-09/30/90	INSTRUMENT READ-OUT	D	Y	P
	ACQN/DEVL LOCATION : LANL					
LA000000000003.002	"CHELATION" - ABSORBANCE -VS- WAVELENGTH(NM) DATA	07/03/85-07/01/91	INSTRUMENT READ-OUT	A	Y	P
	ACQN/DEVL LOCATION : LANL					
LA000000000004.001	"COLLOIDAL AGGLOMERATION"	06/01/91-08/31/91	INSTRUMENT READ-OUT	D	Y	P
	ACQN/DEVL LOCATION : LANL					
LA000000000004.002	COLLOIDAL AGGLOMERATION	07/03/85-06/15/92	INSTRUMENT READ-OUT	A	Y	P
	ACQN/DEVL LOCATION : LANL					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.3.5.1.1						
LA000000000012.001	MEASURED SOLUBILITIES AND SPECIATIONS OF NEPTUNIUM, PLUTONIUM, AND AMERICIUM IN A TYPICAL GROUNDWATER (J-13) FROM THE YUCCA MOUNTAIN REGION ACQN/DEVL LOCATION : LBL	10/01/85-09/30/91	THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENT FROM OVERSATURATION	A	Y	P
Activity - 8.3.1.3.6.1.1						
LA000000000005.001	RADIONUCLIDE MIGRATION LABORATORY STUDIES FOR VALIDATION OF BATCH SORPTION STUDIES DATA ACQN/DEVL LOCATION : LANL	05/01/85-09/30/90	BATCH SORPTION EXPERIMENTS; COLUMN EXPERIMENTS WITH CRUSHED TUFF AND PURE MINERALS AND SOLID TUFF; DIFFUSION EXPERIMENTS UTILIZING SOLID TUFF FOLLOWING LANL/YMP DP'S 15, 86, 61, 35, 60, 62, 63, 66, AND 67.	D	Y	P
LA000000000006.001	LABORATORY STUDIES OF RADIONUCLIDES MIGRATION IN TUFF. ACQN/DEVL LOCATION : LANL	01/01/82-09/30/89	WORK UTILIZED COLUMN EXPERIMENTS WITH CRUSHED SOLID AND FRACTURED TUFF.	D	Y	P
LA000000000008.001	ACTINIDE BEHAVIOR ON CRUSHED ROCK COLUMNS. ACQN/DEVL LOCATION : LANL	01/01/88-06/30/92	CRUSHED TUFF COLUMNS WERE UTILIZED FOLLOWING LANL/YMP DP 15, 35, 62 AND 63.	D	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
LA000000000009.001	RADIONUCLIDE MIGRATION AS A FUNCTION OF MINERALOGY. ACQN/DEVL LOCATION : LANL	04/01/90-04/30/91	BATCH SORPTION EXPERIMENTS AND COLUMN WITH CRUSHED PURE MINERALS WERE UTILIZED FOLLOWING LANL/YMP DP'S 86, 15, 35, 62, AND 63.	D	Y	P
LA000000000010.001	THE ELUTIONS OF RADIONUCLIDES THROUGH COLUMNS OF CRUSHED ROCK FROM THE NEVADA TEST SITE. ACQN/DEVL LOCATION : LANL	10/01/76-10/30/92	THIS WORK UTILIZED CRUSHED ROCK COLUMNS FOLLOWING LANL/YMP DETAILED PROCEDURE 15.	D	Y	P
Activity - 8.3.1.3.6.2.2						
LA000000000007.001	DIFFUSION OF NONSORBING TRACERS IN YUCCA MOUNTAIN TUFF. ACQN/DEVL LOCATION : LANL	05/01/85-11/30/87	FOLLOWED LANL/YMP DP'S 66, 62, 35, AND 60.	D	Y	P
Activity - 8.3.1.4.2.1						
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : USGS	01/01/81-12/31/81	LIBRARY RESEARCH.	D	N	C
GS900908314211.012	STRATIGRAPHY CORRELATION AND PETROGRAPHY OF THE BEDDED TUFFS, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY S.F. DIEHL & M.P. CHORNACK. DENSITY AND POROSITY VALUES FOR PYROCLASTIC-FALL AND NONWELDED PYROCLASTIC-FLOW DEPOSITS FROM THE BASE OF THE TIVA CANYON MEMBER OF THE PAINTBRUSH TUFF TO THE BASE OF THE TRAM MEMBER OF THE CRATER FLAT TUFF. ACQN/DEVL LOCATION : USGS	01/01/87-01/29/88	USGS STANDARD METHODS. DETAILED FIELD, PETROLOGIC, AND SCANNING ELECTRON MICROSCOPIC EXAMINATION OF COMPONENTS AND INTERNAL STRUCTURES OF BEDDED TUFFS.	D	N	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
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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920508314211.001	FIELD NOTES OF PETROGRAPHIC INFORMATION FOR SAMPLES ENCOUNTERED IN THE FIELD, NOV. 1990 - MARCH 1991. THE DESCRIPTIONS INCLUDE PHENOCRYST CONTENTS, ROCK COLOR, STRIKES AND DIPS, AND OTHER STRATIGRAPHIC INFORMATION ABOUT VOLCANIC ROCKS NORTH OF YUCCA MOUNTAIN ACQN/DEVL LOCATION : CALICO HILLS, TIVA CANYON, SITES NOTED.	11/02/90-03/14/91	FIELD WORK AND COLLECTION OF SAMPLES OF RHYOLITIC LAVA FLOWS AND ASH-FLOW TUFFS FOR PETROGRAPHIC AND GEOCHEMICAL ANALYSIS. NOT COMPLETED. WILL NOT BE USED BY THE USGS FOR SITE CHARACTERIZATION.	A	N	P
GS920908314211.002	STRATIGRAPHIC AND STRUCTURAL RELATIONS OF VOLCANIC ROCKS IN DRILL HOLES USW GU-3 AND USW G-3, YUCCA MOUNTAIN, NYE COUNTY, NEVADA BY ROBERT B. SCOTT AND MAYRA CASTELLANOS ACQN/DEVL LOCATION : USGS, DENVER	06/01/82-11/21/83	INTERPRETATION OF GEOLOGIC RELATIONS BASED ON GEOPHYSICAL LOGS OF CORE WERE CORRELATED WITH SIMILAR RESULTS OF DRILLING IN CENTRAL AND NORTHERN YUCCA MOUNTAIN AND WITH RESULTS OF SURFACE MAPPING TO PRODUCE A CONCEPTUAL MODEL OF THE GEOLOGY OF THE ROCK VOLUME BEING CONSIDERED FOR THE POTENTIAL REPOSITORY.	D	N	P
GS920908314211.003	STRATIGRAPHIC AND STRUCTURAL CHARACTERISTICS OF VOLCANIC ROCKS IN CORE HOLE USW G-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA BY RICHARD W. SPENGLER AND M.P. CHORNACK WITH A SECTION ON GEOPHYSICAL LOGS BY D.C. MULLER AND J.E. KIBLER ACQN/DEVL LOCATION : USGS, DENVER	01/01/81-02/17/84	INTERPRETATION OF STUDIES OF CORE INCLUDING DESCRIPTION OF LITHOLOGIC, STRATIGRAPHIC AND STRUCTURAL FEATURES, X-RAY ANALYSES, MINERALOGIC AND ROCK QUALITY STUDIES, DEGREE OF ALTERATION AND MEGASCOPIC DESCRIPTION. INTERPRETATION OF ORIENTED CORE AND DOWNHOLE TELEVISION CAMERA OBSERVATIONS TO OBTAIN DATA ON THE ORIENTATION OF FOLIATION, BEDDING PLANES, AND FRACTURES. INTERPRETATION OF GEOPHYSICAL LOGS.	D	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
GS920908314211.004	PRELIMINARY REPORT ON THE GEOLOGY AND GEOPHYSICS OF DRILL HOLE UE25A-1, YUCCA MOUNTAIN, NEVADA TEST SITE BY RICHARD W. SPENGLER, D.C. MULLER, AND R.B. LIVERMORE ACQN/DEVL LOCATION : USGS, DENVER	07/01/78-05/04/79	EXAMINATION OF CORE. CORRELATION OF LITHOLOGY, STRUCTURAL PROPERTIES, AND GEOPHYSICAL LOGS.	D	N		P
Activity - 8.3.1.4.2.1.2							
GS900908314212.001	INTERPRETED RESISTIVITY AND IP SECTION LINE W1 WAHMONIE AREA, NEVADA TEST SITE, NEVADA. THIS REPORT, BY CHRISTIAN SMITH, HOWARD P. ROSS & RONALD EDQUIST, DISCUSSES WORK DONE AT THE PROPOSED WAHMONIE SITE AND PROVIDES THE PRINCIPAL GEOPHYSICAL BASIS ON WHICH AN ASSESSMENT OF POTENTIAL MINERALIZATION WAS MADE. ACQN/DEVL LOCATION : USGS	10/01/79-10/31/79	USGS STANDARD METHODS.	D	N		C
GS900908314212.003	PRELIMINARY GRAVITY INVESTIGATIONS OF THE WAHMONIE SITE, NEVADA TEST SITE, NYE COUNTY, NEVADA, BY D.A. PONCE. ACQN/DEVL LOCATION : USGS WAHMONIE SITE	01/01/79-12/31/80	USGS STANDARD METHODS	D	N		C
GS900908314212.004	PRELIMINARY APPRAISAL OF GRAVITY AND MAGNETIC DATA AT SYNCLINE RIDGE, WESTERN YUCCA FLATS, NTS, NYE COUNTY, NEVADA, BY D.A. PONCE AND W. HANNA - PART OF AN INVESTIGATION OF ARGILLITE ROCKS OF THE ELEANA FORMATION ACQN/DEVL LOCATION : SYNCLINE RIDGE, WESTERN YUCCA FLAT, NTS USGS	01/01/79-12/31/81	GRAVITY AND MAGNETIC STUDY (USGS STANDARD METHODS)	D	N		C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
**GS900908314212.005	RESISTIVITY SOUNDING INVESTIGATION BY THE SCHLUMBERGER METHOD IN THE YUCCA MOUNTAIN AND JACKASS FLATS AREA, NEVADA TEST SITE, BY M.P. CHORNACK AND D.B. HOOVER ACQN/DEVL LOCATION : JACKASS FLATS, NTS USGS	01/01/82-12/31/82	SCHLUMBERGER ARRAY.	D	N	P
GS900908314212.006	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, BY R.B. SCOTT III, BATH, FLANIGAN, HOOVER, ROSENBAUM, AND SPENGLER ACQN/DEVL LOCATION : DRILL HOLE WASH PAGANY WASH SEVER WASH TEACUP WASH USGS YUCCA WASH	01/01/84-12/31/84	USGS STANDARD METHODS.	D	N	C
GS900908314212.008	INTERPRETATION OF TIME-DOMAIN ELECTROMAGNETIC SOUNDINGS IN THE CALICO HILLS AREA, NEVADA TEST SITE, NEVADA, BY JAMES KAUAHIKAUA. ACQN/DEVL LOCATION : USGS	10/08/78-10/08/78	USGS STANDARD METHODS.	D	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS900908314212.009	MAGNETOMETRIC RESISTIVITY SURVEY NEAR FORTY-MILE WASH, NEVADA TEST SITE, NEVADA, BY D.V. FITTERMAN. THIS REPORT DESCRIBES THE RESULTS OF THE SURVEY. ACQN/DEVL LOCATION : FORTY-MILE WASH, NTS USGS	06/01/80-06/30/80	USGS STANDARD TEST METHODS.	D	N	C
GS900908314212.010	REMOTE-REFERENCE MAGNETOTELLURIC SURVEY, NEVADA TEST SITE AND VICINITY, NEVADA AND CALIFORNIA, BY ROBERT B. FURGERSON. ACQN/DEVL LOCATION : STATION 11 STATION 12 STATION 13 STATION 14 STATION 16 STATION 17 STATION 18 STATION 19 STATION 20 STATION 21 STATION 22 STATION 23 STATION 24 STATION 25 STATION 26 STATION 27 USGS	01/01/81-12/31/81	MAGNETOTELLURIC SURVEY.	D	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
GS900908314212.011	ELECTRICAL STUDIES AT THE PROPOSED WAHMONIE AND CALICO HILLS NUCLEAR WASTE SITES, NEVADA TEST SITE, NYE COUNTY, NEVADA, BY D.B. HOOVER, M.P. CHORNACK & M.M. BROKER. CHARACTERIZATION OF THE GEOELECTRICAL SECTION. ACQN/DEVL LOCATION : USGS WAHMONIE AND CALICO HILLS SITES, NTS	01/01/78-12/31/78	USGS STANDARD METHODS. SUMMARIZING RESULTS OF SCHLUMBERGER VES, INDUCED POLARIZATION DIPOLE-DIPOLE TRAVERSES AND MAGNETOTELLURIC SOUNDINGS MADE IN THE VICINITY OF THE SITES.	D	N	C
GS900908314212.012	MAGNETIC PROPERTIES OF DRILL CORE AND SURFACE SAMPLES FROM THE CALICO HILLS AREA, NYE COUNTY, NEVADA, BY M.J. BALDWIN & C.E. JOHNSON. ACQN/DEVL LOCATION : CALICO HILLS SITE, NTS USGS	01/01/78-12/31/78	USGS STANDARD METHODS.	D	N	P
GS900908314212.013	INTERPRETATIONS OF MAGNETIC ANOMALIES AT A POTENTIAL REPOSITORY SITE LOCATED IN THE YUCCA MOUNTAIN AREA, NEVADA TEST SITE, BY G.D. BATH & C.E. JAHREN. ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN ,NTS	01/01/78-12/31/82	USGS STANDARD METHODS.	D	N	C
GS900908314212.014	E-FIELD RATIO TELLURIC TRAVERSES NEAR FORTY-MILE WASH, NEVADA TEST SITE, NEVADA, BY D.B. HOOVER, M.P. CHORNACK, AND M.M. BROKER. ACQN/DEVL LOCATION : FORTY-MILE WASH, NTS USGS	01/01/82-12/31/82	E-FIELD RATIO TELLURIC, AN ELECTRIC EXPLORATION TECHNIQUE.	D	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
GS900908314212.015	A RESISTIVITY SOUNDING INVESTIGATION BY THE SCHLUMBERGER METHOD IN THE SYNCLINE RIDGE AREA OF THE NTS, BY L.A. ANDERSON, J.J. BISDORF, AND D.R. SCHOENTHALER. THE INTENT OF THE SURVEY WAS TO DETERMINE THE HORIZONTAL CONTINUITY AND THICKNESS OF UNIT J OF THE ELEANA FORMATION. ACQN/DEVL LOCATION : USGS	01/01/72-12/31/75	INTERPRETATION OF SCHLUMBERGER RESISTIVITY SURVEY. USGS STANDARD METHODS.	D	N	P
GS900908314212.016	INTERPRETATION OF RESISTIVITY AND INDUCED POLARIZATION PROFILES WITH SEVERE TOPOGRAPHIC EFFECTS, YUCCA MOUNTAIN AREA, NEVADA TEST SITE, NEVADA, BY CHRISTIAN SMITH & H.P. ROSS. ACQN/DEVL LOCATION : USGS	01/01/65-12/31/79	USGS STANDARD TEST METHODS.	D	N	P
GS920508314212.001	GRAVITY DATA . THIS FIELD DATA SET CONSISTS OF THE OBSERVED GRAVITY VALUES, TERRAIN CORRECTIONS, ELEVATION CONTROLS, CALIBRATION DATA, LOCATION DATA AND DATA RELATED TO SEISMIC REFLECTION TESTING. ACQN/DEVL LOCATION : 36 37'05"N 115 52'05"W ;37 22'05"N 116 37'05"W	02/14/78-03/19/86	GRAVITY DATA WAS COLLECTED USING LACOSTE AND ROMBERG METERS D-26, G161, G177, AND G614. GRAVITY STATIONS WERE TIED TO BASE STATIONS IN MERCURY OR BEATTY, NV. OR STATIONS IN THE SYNCLINE RIDGE AREA. STATION ELEVATIONS WERE CONTROLLED BY BENCHMARKS, POINTS SURVEYED WITH A HEWLETT-PACKARD ELECTRONIC DISTANCE MEASURING DEVICE, OR PHOTOGRAMETRIC SPOT ELEVATIONS. TERRAIN CORRECTIONS CONSIST OF THE INNERMOST (FIELD), THE INNER-ZONE (MANUAL), AND THE OUTER-ZONE TERRAIN CORRECTIONS.	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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 (8FT.) ABOVE THE SURFACE. A GEOMETRICS PORTABLE PROTON PRECESSION MAGNETOMETER MODEL G-816 AND BASE STATION MAGNETOMETER G-826A WERE USED. A BASE STATION WAS REQUIRED TO MAKE CORRECTIONS FOR DIURNAL TIME VARIATIONS OF THE EARTH'S MAGNETIC FIELD. THE BASE STATION WAS LOCATED NEAR WELL J-13 AND READINGS WERE TAKEN AT TWO MINUTE INTERVALS OR LESS. MAGNETIC OBSERVATIONS ARE ACCURATE TO ABOUT 1 NT.	A	N	P
	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 SAMPLE IN AIR, THEN WEIGHING THE SAMPLES SUBMERGED IN WATER USING AN ELECTRONIC BALANCE EQUIPPED WITH A STIRRUP AND SUSPENDING THE SAMPLE BY A WIRE. GRAIN DENSITY WAS CALCULATED FROM THE DIFFERENCE OF THE TWO WEIGHINGS, USING ARCHIMEDES' PRINCIPLE.	A	N	P
	ACQN/DEVL LOCATION : 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, 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.	D	N	P
	ACQN/DEVL LOCATION : USGS					

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
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						
GS920808314212.009	PRINCIPAL FACTS FOR ABOUT 16,000 GRAVITY STATIONS IN THE NEVADA TEST SITE AND VICINITY: OFR 89-682-A PRINCIPAL FACTS DOCUMENTATION; 89-682-B GRAVITY DATA LISTING ON PAPER, APPENDICES B-G; OFR-89-682-C GRAVITY DATA ON DISKETTES BY R.N. HARRIS, D.A. PONCE, D.L. HEALEY, AND H.W. OLIVER	01/01/86-06/06/87	THIS REPORT DOCUMENTS AND CONSOLIDATES PREVIOUSLY PUBLISHED AND RECENTLY COMPILED GRAVITY DATA FROM FIVE SOURCES LISTED IN THE REPORT. GRAVITY DATA ARE ORGANIZED BY SOURCE. WHERE FEASIBLE, AN ACCURACY CODE HAS BEEN ASSIGNED TO EACH STATION. ALL DATA WERE REDUCED USING STANDARD GRAVITY CORRECTIONS. OBSERVED GRAVITY VALUES WERE OBTAINED FROM GRAVITY METER READINGS USING FACTORY CALIBRATION CONSTANTS FOR WORDEN GRAVITY METERS AND FACTORY CALIBRATION TABLES FOR LACOSTE AND ROMBERG METERS.	D	N		P
	ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, MENLO PARK, CA						
*GS921008314212.010	GRAVITY PROFILES WITHIN MIDWAY VALLEY AND YUCCA WASH, NEVADA TEST SITE, NEVADA.	07/22/92-09/23/92	GPP-01,R2, GRAVITY METHODS	A	Y		P
	ACQN/DEVL LOCATION : 36 48'N 116 23'W ;36 55'N 116 29'W						

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
*GS921008314212.011	MAGNETIC PROFILES WITHIN MIDWAY VALLEY AND YUCCA WASH, NEVADA TEST SITE, NEVADA. ACQN/DEVL LOCATION : 36 48'N 116 23'W ;36 55'N 116 29'W	07/22/92-09/23/92	GPP-11,R2, MAGNETIC METHODS	A	Y	P
Activity - 8.3.1.4.2.1.3						
GS900908314212.007	A SCHLUMBERGER RESISTIVITY SURVEY OF THE AMARGOSA DESERT, SOUTHERN NEVADA, BY M.R. GREENHAUS AND C.J. ZABLOCKI. GEOELECTRIC SURVEY INTENDED TO DEFINE BASEMENT STRUCTURE AND BASIN-FILL CHARACTERISTICS WHICH MAY OR MAY NOT BE INFLUENCING THE HYDROLOGICAL SYSTEMS OF THE REGION. ACQN/DEVL LOCATION : USGS	01/01/78-12/31/80	SCHLUMBERGER RESISTIVITY SURVEY (136 SOUNDINGS)	D	N	C
GS900908314213.001	BOREHOLE GEOPHYSICAL MEASUREMENTS FOR HOLE UE25A-3, NEVADA TEST SITE, NUCLEAR WASTE ISOLATION PROGRAM, BY J.J. DANIELS AND J.H. SCOTT. ACQN/DEVL LOCATION : UE25A-3 USGS	06/02/78-06/08/78	USGS STANDARD COLLECTION METHODS.	D	N	C
GS900908314213.002	PRELIMINARY INTERPRETATIONS OF GEOLOGIC RESULTS OBTAINED FROM BOREHOLES UE25A-4, -5, 06, AND -7, YUCCA MOUNTAIN, NEVADA TEST SITE, BY R.W. SPENGLER & J.G. ROSENBAUM. ACQN/DEVL LOCATION : UE25A-4 UE25A-5 UE25A-6 UE25A-7 USGS, DENVER	06/01/79-06/30/79	USGS STANDARD COLLECTION METHODS.	D	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
GS900908314213.003	HOLE-TO-SURFACE MEASUREMENTS FROM DRILL HOLES UE25A-1, -4, -5, AND -6; AND CONTOUR MAPS OF THESE DATA SHOWING DISTRIBUTION OF ELECTRICAL FIELD. REPORT: INTERPRETATION OF HOLE-TO-SURFACE RESISTIVITY MEASUREMENTS AT YUCCA MOUNTAIN, NEVADA TEST SITE, BY J.J. DANIELS & J.H. SCOTT. ACQN/DEVL LOCATION : USGS	01/01/81-12/31/81	USGS STANDARD TEST METHODS. PROCEDURES FOR GATHERING, REDUCING AND INTERPRETING HOLE-TO-SURFACE RESISTIVITY DATA ARE ILLUSTRATED IN THIS REPORT.	D	N	C
GS900908314213.005	COMMERCIAL GEOPHYSICAL WELL LOGS FROM THE USW G-1 DRILL HOLE, NEVADA TEST SITE, BY D.C. MULLER & J.E. KIBLER ACQN/DEVL LOCATION : USGS USW G-1	03/16/80-09/14/80	USGS STANDARD METHODS.	D	N	C
GS900908314213.006	RADIOELEMENT DISTRIBUTION IN DRILL HOLE USW-G1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY BUSH, BUNKER, AND SPENGLER ACQN/DEVL LOCATION : USGS USW G-1	01/01/80-12/31/80	USGS STANDARD METHODS. RADIO-ELEMENTS CONTENTS OF CORE SAMPLES MEASURED TO CHARACTERIZE GEOLOGIC UNITS PENTRATED BY THE HOLE. (SOME SAMPLES WERE COLLECTED TO DETERMINE EFFECTS OF WELDING & ALTERATION.)	D	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
GS900908314213.007	BOREHOLE GRAVITY METER SURVEYS IN DRILL HOLES USW G-3, UE-25P#1 AND UE-25C#1, YUCCA MOUNTAIN AREA, NEVADA, BY D.L. HEALEY, F.G. CLUTSON, & D.A. GLOVER ACQN/DEVL LOCATION : UE-25C-1 UE-25P-1 USGS USW G-3	11/01/83-11/30/83	USGS STANDARD METHODS.	D	N	C
GS900908314213.008	BOREHOLE GRAVITY METER SURVEY IN DRILL HOLE USW G-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY D.L. HEALEY, F.G. CLUTSON, & D.A. GLOVER. ACQN/DEVL LOCATION : USGS USW G-4	04/04/85-04/05/85	USGS STANDARD METHODS.	D	N	C
GS911008314213.009	ROCK PROPERTY MEASUREMENTS MADE ON CORE SAMPLES FROM YUCCA MOUNTAIN BOREHOLES, NEVADA TEST SITE. PART 1 - BOREHOLES UE25A-4, -5, -6, AND -7. PART 2 - BOREHOLE UE25P#1. ACQN/DEVL LOCATION : UE25A-4 UE25A-5 UE25A-6 UE25A-7 UE25P#1	02/01/82-06/30/84	USGS STANDARD COLLECTION METHODS	A	N	C

SITE CHARACTERIZATION PLAN BASELINE

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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	USW UZ-6 USW VH-1 USW VH-2 USW WT-1 USW WT-10 USW WT-11 USW WT-2 USW WT-7					
GS920608314213.002	PHYSICAL PROPERTIES OF ASH FLOW TUFF FROM YUCCA MOUNTAIN, NEVADA, PUBLISHED REPORT BY PHILIP H. NELSON AND LENNART A. ANDERSON ACQN/DEVL LOCATION : USGS	03/01/91-02/10/92	AUTHORS CONFINED ATTENTION TO ELECTRICAL RESISTIVITY, SONIC VELOCITY, DENSITY, POROSITY, & PERMEABILITY, RELATING THEM TO MINERALOGICAL AND GEOLOGICAL DETERMINATIONS MADE BY OTHERS. AUTHORS RELY ON PETROPHYSICAL MODELS DEVELOPED FOR CLASTIC ROCKS TO BETTER UNDERSTAND HOW VARIATIONS IN POROSITY AND MINERALOGY ARE REFLECTED IN THE PHYSICAL PROPERTIES.	D	N	P
*GS921208314213.004	ESTIMATION OF WATER-FILLED AND AIR-FILLED POROSITY IN THE UNSATURATED ZONE, YUCCA MOUNTAIN NEVADA, BY P.H. NELSON. ACQN/DEVL LOCATION : USGS, DENVER	09/01/92-12/01/92	THE METHODS USED TO DEVELOP THIS REPORT WERE BASED ON THE AUTHOR'S EDUCATION AND WORK EXPERIENCE.	D	N	P

SITE CHARACTERIZATION PLAN BASELINE

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

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

SITE CHARACTERIZATION PLAN BASELINE

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920708314221.001	FIELD OBSERVATIONS OF FRACTURES AND FIELD MEASUREMENTS OF ATTRIBUTES OF FRACTURES	01/13/92-07/17/92	GP-01, GEOLOGIC MAPPING; AND GP-12, MAPPING FRACTURES OR PAVEMENTS, OUTCROPS& ALONG TRAVERSES.	A	N	P
	ACQN/DEVL LOCATION : N761600(N) E561800(N) ;N761600(N) E562600(N)					
*GS921008314221.005	GEOLOGIC MAPPING - UP PAINTBRUSH CANYON, MAPPING CALICO HILLS, THE PAINTBRUSH FAULT, AND THE DIVIDE BETWEEN BLACK GLASS CANYON & PAINTBRUSH CANYON.	09/22/92-09/30/92	GP-01,R2, GEOLOGIC MAPPING.	A	Y	P
	ACQN/DEVL LOCATION : N773556 (N) E567083 (N) ;N796309 (N) E585378 (N)					
*GS921008314221.006	FIELD OBSERVATIONS OF FRACTURES AND FIELD MEASUREMENTS OF ATTRIBUTES OF FRACTURES.	07/18/92-09/30/92	GP-01,R2, GEOLOGIC MAPPING; AND GP-12,R1, MAPPING FRACTURES ON PAVEMENTS, OUTCROPS AND ALONG TRAVERSES.	A	Y	P
	ACQN/DEVL LOCATION : N761600 (N) E561800 (N) ;N761600 (N) E562600 (N)					
*GS921208314221.007	GEOLOGIC MAPPING - REGULAR SEQUENCE OF OBSERVATIONS AT FIVE FOOT ALTITUDE INTERVALS	12/01/92-12/03/92	GP-01,R2, GEOLOGIC MAPPING	A	Y	P
	ACQN/DEVL LOCATION : 36 53'30"N 116 23'30"W					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.4.2.2.2						
GS900908314222.001	MEASUREMENTS ON 5,000 FRACTURES AT 50 OUTCROP STATIONS IN THE VICINITY OF DRILL HOLE USW G-4: FREQUENCY DISTRIBUTIONS OF ORIENTATION AND ROUGHNESS, PLOTTED AND ANALYSED. REPORT BY C.C. BARTON AND W.R. PAGE ACQN/DEVL LOCATION : USGS VICINITY USW G-4, NTS	01/01/82-12/31/83	USGS STANDARD METHODS, PLOTTING AND ANALYSIS.	D	N	C
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. ACQN/DEVL LOCATION : 36 52'03"N 116 27'22W	02/20/86-02/28/86	DATA COLLECTED UNDER NWM-USGS-GP-12, R0.	A	N	P
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. 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	04/01/90-06/30/91	NWM-USGS-GP-12, R1 AND STUDY PLAN 8.3.1.4.2.2	A	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	36 49'23"N 116 24'49"W					
	36 49'27"N 116 24'43"W					
	36 49'36"N 116 25'23"W					
	36 49'39"N 116 24'47"W					
	36 49'41"N 116 24'45"W					
	36 50'00"N 116 27'10"W					
	36 50'01"N 116 27'18"W					
	36 50'01"N 116 28'08"W					
	36 50'15"N 116 24'51"W					
	36 50'17"N 116 26'35"W					
	36 50'22"N 116 26'55"W					
	36 50'24"N 116 27'13"W					
	36 50'27"N 116 24'21"W					
	36 50'33"N 116 24'24"W					
	36 50'35"N 116 26'53"W					
	36 50'58"N 116 27'08"W					
	36 51'00"N 116 26'47"W					
	36 51'23"N 116 26'38"W					
	36 51'25"N 116 27'56"W					
	36 51'36"N 116 27'17"W					
	36 51'50"N 116 26'36"W					
	36 52'05"N 116 27'24"W					
	36 52'07"N 116 24'19"W					
	36 52'07"N 116 27'38"W					
	36 52'24"N 116 27'23"W					
	36 52'26"N 116 26'03"W					
	36 52'30"N 116 26'22"W					
	36 52'32"N 116 26'21"W					
	36 52'33"N 116 26'24"W					
	36 52'35"N 116 26'24"W					
	36 52'36"N 116 27'14"W					
	36 52'38"N 116 26'26"W					
	36 52'38"N 116 27'15"W					
	36 53'02"N 116 27'37"W					
	36 53'54"N 116 27'05"W					

SITE CHARACTERIZATION PLAN BASELINE

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

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : SYNCLINE RIDGE, NTS	01/01/77-12/31/78	USGS STANDARD COLLECTION METHODS.	D	N	P
GS920908314225.001	FEASIBILITY STUDY OF THE SEISMIC REFLECTION METHOD IN THE AMARGOSA DESERT, NYE COUNTY, NEVADA, BY THOMAS M. BROCHER, PATRICK E. HART, AND STEVEN F. CARLE ACQN/DEVL LOCATION : USGS, MENLO PARK	01/01/87-10/17/88	THIS REPORT PRESENTS A DETAILED DESCRIPTION OF THE METHOD BY WHICH EXPLOSIVE AND VIBROSEIS METHODS FOR ACQUIRING DEEP CRUSTAL SEISMIC REFLECTION PROFILES IN NYE COUNTY, NEVADA WERE TESTED AND COMPARED. FIELD TRIALS WERE CONDUCTED AT TWO SITES. A 60-FOLD VIBROSEIS PROFILE WAS ACQUIRED, THEN A COINCIDENT SINGLE-FOLD EXPLOSIVE SOURCE REFLECTION PROFILE WAS GENERATED ALONG THE VIBROSEIS PROFILE LINE.	D	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : USGS	01/01/80-12/31/80	USGS STANDARD TEST METHODS.	D	N	C
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. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/78-12/31/78	SOUTHERN GREAT BASIN SEISMIC NETWORK.	D	N	C
Activity - 8.3.1.5.1.2.2						
*GS921208315122.001	DATA INCLUDE SITE LOCATIONS; PHYSICAL AND CHEMICAL PROPERTIES; MAJOR AND SOME MINOR IONS; AND OSTRACODE SPECIES PRESENCE AND ABSENCE FOR 106 SPRING AND WETLAND SITES FROM THE WESTERN PART OF THE UNITED STATES. ACQN/DEVL LOCATION : USGS, DENVER	01/01/81-05/02/89	NWM-USGS HP-78,R1 NONMARINE CALCAREOUS MICROFOSSIL SAMPLE PREPARATION AND DATA AQUISITION PROCEDURES.	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : CRATER FLAT, YUCCA FLATS AND YUCCA MOUNTAIN, NTS	01/01/84-12/31/84	USGS STANDARD COLLECTION METHODS.	D	N	T
Activity - 8.3.1.5.1.3.3						
GS900908315133.002	CLIMATIC CHANGES INFERRED FROM ANALYSES OF LAKE-SEDIMENT CORES, WALKER LAKE, NEVADA. ACQN/DEVL LOCATION : WALKER LAKE, NTS	07/01/84-07/31/84	USGS STANDARD COLLECTION METHODS.	D	N	C
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. ACQN/DEVL LOCATION : 32 42'N 117 38'W ;38 10'N 114 00'W	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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : USGS	01/01/85-12/31/89	USGS STANDARD COLLECTION METHODS.	D	Y	P
GS910908315141.008	SAMPLE TRACKING LOG: PHOTOCOPY OF NOTEBOOK PAGES SUMMARIZING TRANSMITTALS AND ANALYSES OF SAMPLES OF EOLIAN DUST COLLECTED BETWEEN 1984 AND 1989. ACQN/DEVL LOCATION : USGS LABS	01/01/84-12/31/89	USGS STANDARD COLLECTION METHODS.	A	Y	P
GS910908315141.009	X-RAY DIFFRACTION TRACES OF CLAY AND SILT FRACTIONS OF DUST SAMPLES. ACQN/DEVL LOCATION : USGS LABS	01/01/85-12/31/89	USGS STANDARD COLLECTION METHODS.	D	Y	P
GS911008315141.001	DESCRIPTIONS OF SOIL MICROMORPHOLOGY IN THIN SECTIONS OF SELECTED SOIL HORIZONS AND X-RAY DIFFRACTION ANALYSIS OF CLAY MINERALOGY ON SELECTED SOIL HORIZONS. ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	01/01/86-12/31/86	VERBAL DESCRIPTION OF MICROMORPHOLOGICAL SOIL PROPERTIES USING A POLARIZING LIGHT MICROSCOPE. CLAY MINERALOGY BY STANDARD TECHNIQUES USING X-RAY DIFFRACTOMETER.	D	N	P
GS911008315141.002	MAJOR-OXIDE, TRACE ELEMENTS, AND FEO ANALYSES OF SELECTED SOIL SAMPLES. ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	07/04/86-12/11/86	FEO BY WET CHEMICAL METHODS; TRACE ELEMENTS BY EDXRF; MAJOR-OXIDES BY X-RAY SPECTROSCOPY.	D	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS911008315141.003	SOIL DESCRIPTION SHEETS, TRENCH LOCATIONS, AND DESCRIPTIONS OF FIELD SETTINGS; CHANNEL ALLUVIUM SAMPLES AND VOLUMES; DETAILED DESCRIPTIONS OF TRENCH LOCATIONS. ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	04/22/85-05/03/85	NWM-USGS-GP-07	A	N	P
GS911008315141.004	LABORATORY CHEMICAL ANALYSES AND CALCULATIONS OF NON-PEDOGENIC-CACO3 CONTENT OF SELECTED SOILS. ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	03/26/87-10/15/88	USGS-GP-21 FOR SOIL ANALYSES (CHEMICAL). VIDEO CACO3 MEASUREMENTS DONE BY AERIAL MEASUREMENTS ON SLABS AND BY POINT COUNTING THIN SECTIONS. CALCULATIONS FOR NON-CACO3 PEDOGENIC MATERIAL DONE BY HAND CALCULATOR USING DATA ON PERCENT PEDOGENIC MATERIAL, HORIZON THICKNESS AND BULK DENSITY.	A	N	P
GS911008315141.005	COMPUTER CALCULATIONS OF SOIL AGES VS. FIELD PROPERTIES - REGRESSION STATISTICS ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W	03/01/90-03/31/90	LINEAR REGRESSION TECHNIQUES APPLIED TO SOIL FIELD DATA AND SOIL AGES, USING STATPRO PROGRAMS.	A	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
Activity - 8.3.1.5.1.4.2							
GS900908315142.001	CORRELATION CHARACTERISTICS OF SURFICIAL DEPOSITS WITH A DESCRIPTION OF SURFICIAL STATIGRAPHY IN THE NEVADA TEST SITE REGION, BY D.L. HOOVER, WC SWADLEY, AND A.C. GORDON ACQN/DEVL LOCATION : USGS	01/01/81-12/31/81	USGS STANDARD METHODS.	D	N		C
GS900908315142.002	URANIUM-TREND DATING OF QUATERNARY DEPOSITS IN THE NEVADA TEST SITE AREA, BY ROSHOLT, BUSH, CARR, HOOVER, SWADLEY, AND DOOLEY. ANALYSES OF 36 SAMPLE UNITS ARE INCLUDED IN THIS REPORT. ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/84-12/31/84	USGS STANDARD METHODS.	D	N		C
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. ACQN/DEVL LOCATION : USGS	01/01/69-12/31/79	INTERPRETATION OF DATA GATHERED DURING THE PREVIOUS TEN (10) YEARS.	D	N		C
GS900908315143.002	WATER-TABLE DECLINE IN THE SOUTH CENTRAL GREAT BASIN DURING THE QUATERNARY PERIOD. IMPLICATIONS FOR TOXIC-WASTE DISPOSAL. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/82-12/31/82	USGS STANDARD COLLECTION METHODS.	D	N		C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : 36 51'18"N 116 26'57"W	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
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. ACQN/DEVL LOCATION : BIG SPRING BOLE SPRING CANE SPRING GRAPEVINE SPRING NAVARES SPRING NAVEL SPRING SCOTTY'S CASTLE SUPPLY SPRING TEXAS SPRING	02/25/91-02/28/91	HP 91 AND HP 199T.	A	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : IVANPAH LAKE JARNADA LAKES	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	Y	P
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. 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	02/06/90-04/13/90	NWM-USGS-HP-187, R0	A	Y	Y	P
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. ACQN/DEVL LOCATION : USGS	02/06/90-04/13/90	NWM-USGS-HP-187, R0	D	Y	Y	P

SITE CHARACTERIZATION PLAN BASELINE

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

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

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

SITE CHARACTERIZATION PLAN BASELINE

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

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

SITE CHARACTERIZATION PLAN BASELINE

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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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,RO.	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, RO.	A	Y	P
GS920108315214.002	SCIENTIFIC NOTEBOOK FOR THE MEASUREMENT OF EVAPOTRANSPIRATION USING EDDY CORRELATION METHODS IN STEWART BASIN AND KAWICH BASIN FOR THE PERIOD FROM JUNE 1991 TO DECEMBER 1991. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W ;37 57'43"N 116 25'28"W 38 53'01"N 117 21'10"W ;38 53'24"N 117 21'36"W	06/10/91-10/24/91	DATA WAS ACQUIRED USING HP-215T, RO.	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, RO.	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920408315214.008	WEATHER DATA FROM KAWICH BASE WEATHER SITE, INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED AND WIND DIRECTION. 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, RO.	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, RO.	A	Y	P
GS920508315214.014	PRECIPITATION DATA FROM KAWICH PEAK WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	09/23/90-09/25/91	DATA WAS ACQUIRED USING HP-167, RO.	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, RO.	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
GS920508315214.016	PRECIPITATION DATA FROM STEWART BASE WEATHER STATION FROM MAY 1989 TO SEPTEMBER 1990. ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	05/25/89-09/24/90	DATA WAS ACQUIRED USING HP-167, R0.	A	Y	P
GS920508315214.017	PRECIPITATION DATA FROM STEWART BASE WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991. ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	09/24/90-09/24/91	DATA WAS ACQUIRED USING HP-167, R0.	A	Y	P
GS920508315214.018	PRECIPITATION DATA FROM VEG SPRING WEATHER STATION FROM OCTOBER 1986 TO MAY 1989 ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	10/09/86-05/25/89	DATA WAS ACQUIRED USING HP-167, R0.	A	N	P
GS920508315214.019	PRECIPITATION DATA FROM VEG SPRING WEATHER STATION FROM MAY 1989 TO SEPTEMBER 1990. ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	05/25/89-09/25/90	DATA WAS ACQUIRED USING HP-167, R0.	A	Y	P
GS920508315214.020	PRECIPITATION DATA FROM VEG SPRING WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991. ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W	09/25/90-09/24/91	DATA WAS ACQUIRED USING HP-167, R0.	A	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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, RO.	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, RO.	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, RO.	A	Y	P
GS920508315214.024	SNOW SURVEY NOTES FOR STEWART BASE FOR THE 1988 WATER YEAR AND THE 1989 WATER YEAR. ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W	04/05/88-02/22/89	DATA WAS ACQUIRED USING HP-165, RO.	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, RO.	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, RO.	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920508315214.027	SNOW SURVEY NOTES FOR KAWICH BASE FOR THE 1989 WATER YEAR. ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	02/23/89-02/23/89	DATA WAS ACQUIRED USING HP-165, R0.	A	N	P
GS920508315214.028	SNOW SURVEY NOTES FOR KAWICH BASE FOR THE 1990 WATER YEAR. ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	01/30/90-01/30/90	DATA WAS ACQUIRED USING HP-165, R0.	A	Y	P
GS920508315214.029	SNOW SURVEY NOTES FOR KAWICH PEAK FOR THE 1989 WATER YEAR. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	02/23/89-02/23/89	DATA WAS ACQUIRED USING HP-165, R0.	A	N	P
GS920508315214.030	SNOW SURVEY NOTES FOR KAWICH PEAK FOR THE 1990 WATER YEAR. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	01/30/90-01/30/90	DATA WAS ACQUIRED USING HP-165, R0.	A	Y	P
GS920508315214.031	SNOW SURVEY NOTES FOR KAWICH PEAK FOR THE 1991 WATER YEAR. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	01/30/91-01/30/91	DATA WAS ACQUIRED USING HP-165, R0.	A	Y	P
*GS921208315214.033	WEATHER DATA FROM KAWICH PEAK WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, AND HUMIDITY. ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W	09/25/91-09/17/92	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-97,R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; AND HP-170,R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*GS921208315214.034	WEATHER DATA FROM KAWICH BASE WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED, AND WIND DIRECTION.	09/25/91-09/17/92	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-97,R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170,R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE; AND HP-198,R1, MEASUREMENT OF WIND SPEED AND WIND DIRECTION USING THE 05103 R.M. YOUNG WIND METER.	A	Y	P
	ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W					
*GS921208315214.035	WEATHER DATA FROM VEG SPRING WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, AND HUMIDITY.	09/24/91-09/16/92	DATA WERE ACQUIRED USING THE FOLLOWING HPS: HP-97,R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; AND HP-170,R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A	Y	P
	ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W					
*GS921208315214.036	WEATHER DATA FROM STEWART CREEK WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED, AND WIND DIRECTION.	09/24/91-09/16/92	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-97,R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170,R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE; AND HP-198,R1, MEASUREMENT OF WIND SPEED AND WIND DIRECTION USING THE 05103 R.M. YOUNG WIND MONITOR.	A	Y	P
	ACQN/DEVL LOCATION : 38 53'18"N 117 21'36"W					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*GS921208315214.037	ADR TAPES FROM 6" AND 9" PARSHALL FLUMES FROM SURFACE WATER SITES AT STEWART CREEK AND KAWICH CREEK, NEVADA. ACQN/DEVL LOCATION : 37 57'05"N 117 21'37"W ;38 53'23"N 116 27'02"W	09/24/91-09/17/92	DATA WERE ACQUIRED USING HP-54,R0 AND HP-54,R1, WATER FLOW MEASUREMENTS USING 90 DEGREE V-NOTCH WEIRS, FLUMES, AND BARRELS.	A	Y	P
*GS921208315214.038	CASSETTE TAPES FOR THE STEWART BASIN AND KAWICH BASIN ANALOG RECHARGE SITES FOR THE 1992 WY. ACQN/DEVL LOCATION : 37 57'19"N 117 21'37"W ;38 53'23"N 116 25'23"W	09/24/91-09/17/92	DATA WERE AQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-54,R0 AND HP-54, R1, WATER FLOW MEASUREMENTS USING 90 DEGREE V-NOTCH WEIRS, FLUMES, AND BARRELS; HP-97,R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170,R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE; HP-172,R0, WATER LEVEL MEASUREMENT USING A TEN-TURN POTENTIOMETER; AND HP-198,R1, MEASUREMENT OF WIND SPEED AND WIND DIRECTION USING THE 05103 R.M. YOUNG WIND MONITOR	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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS929508315214.010	PRECIPITATION DATA FROM KAWICH BASE WEATHER STATION FROM MAY 1989 TO SEPTEMBER 1990. ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	05/24/89-09/23/90	DATA WAS ACQUIRED USING HP-167, R0	A	Y	P
GS929508315214.011	PRECIPITATION DATA FROM KAWICH BASE WEATHER STATION FROM SEPTEMBER 1990 TO SEPTEMBER 1991. ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W	09/23/90-09/25/91	DATA WAS ACQUIRED USING HP-167, R0	A	Y	P
Activity - 8.3.1.5.2.1.5						
GS900908315215.001	URANIUM THORIUM ISOTOPIC ANALYSES AND URANIUM-SERIES AGES OF CALCITE AND OPAL, AND STABLE ISOTOPIC COMPOSITIONS OF CALCITE FROM DRILL CORES UE25A#1, USW G-2, AND USW G-3/GU-3, YUCCA MOUNTAIN, NEVADA. ACQN/DEVL LOCATION : UE25A-1 USW G-2 USW G-3 USW GU-3	01/01/83-12/31/83	USGS STANDARD COLLECTION METHODS.	D	N	T
GS910508315215.002	CARBON AND OXYGEN ISOTOPE ANALYSIS OF CAVITY-AND FRACTURE-COATING CALCITE FROM DRILL CORES USW-G1, -G-2, -GU3, -G3, -G4 AND UE25B#1. ACQN/DEVL LOCATION : USGS	12/03/90-01/22/91	ISOTOPIC ANALYSIS WAS PERFORMED ACCORDING TO PROCEDURES OUTLINED IN "CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES" NWM-USGS-GCP-16, R3.	D	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS910508315215.003	THE CHEMICAL LABORATORY NOTEBOOKS USED FOR RECORDING SAMPLE INFORMATION, ION COLUMN EXCHANGE, SPIKE WEIGHTS (IF ANY) AND DATES SEPARATION OCCURRED. DATES: 5/3/89-5/9/91. ACQN/DEVL LOCATION : USGS	05/03/89-05/09/91	NWM-USGS-GCP-12, R1-3, RB-SR, ISOTOPE GEOCHEMISTRY.	A	Y	P
GS910508315215.004	MINERAL AND WHOLE ROCK SEPARATION AND LABORATORY PREP NOTEBOOKS. RECORDS OF SAMPLES CRUSHED, ALONG WITH DATES, AND SAMPLE DESCRIPTIONS. DATES: 5/3/89-5/9/91. ACQN/DEVL LOCATION : USGS	05/03/89-05/09/91	NWM-USGS-GCP-12, R1-3, RB-SR, ISOTOPE GEOCHEMISTRY AND NWM-USGS-GCP-07,R1, MINERAL SEPARATION FOR GEOCHEMISTRY AND ISOTOPE ANALYSIS.	A	Y	P
**GS910508315215.005	LOGBOOKS FROM THE MASS SPECTROMETERS ON WHICH RB/SR AMD 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-USUS-GCP-13, REV 2, URANIUM THORIUM AND LEAD GEOCHEMISTRY (ISOTOPE GEOLOGY).	A	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS910508315215.007	CALCITE-SILICA DATA FROM 5/88-12/88. TRENCH 14 - ISOTOPIC DATA FOR PB, U, TH, TRENCH 14A AND BUSTED BUTTE. ACQN/DEVL LOCATION : USGS	05/01/88-12/01/88	USGS TECHNICAL PROCEDURE NWM-USGS-GCP-13, REV 2, URANIUM, THORIUM, AND LEAD GEOCHEMISTRY (ISOTOPE GEO).	A	Y	P
GS910508315215.008	CALCITE-SILICA DATA FROM 1-90 TO 3-90 FOR TRENCH 14. ISOTOPIC DATA FOR LEAD, URANIUM AND THRORIUM. 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	T
GS910908315215.012	RAW DATA FOR FISSION-TRACK COUNTING AND CALIBRATION FOR TUFF SAMPLES COLLECTED BY W. CARR. ACQN/DEVL LOCATION : BUSTED BUTTE TRENCH 14	01/26/89-02/08/91	FISSION-TRACK DATING OF CALIBRATION STANDARDS (ZIRCON FC-3) AND GEOLOGIC MATERIAL COLLECTED FOR YMP.	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS911008315215.013	87SR/86SR ANALYSIS OF BAILED WATER SAMPLE FROM DRILL HOLE UE25P#1, YUCCA MOUNTAIN NEVADA. ACQN/DEVL LOCATION : UE25P#1	06/12/90-06/19/90	NWM-USGS-GCP-12, RB-SR ISOTOPE GEOCHEMISTRY	A	Y	P
GS911008315215.014	ANALYTICAL RESULTS OF URANIUM AND URANIUM ACTIVITY RATIOS IN WELDED TUFF AND QUATERNARY ALLUVIUM AQUIFERS. ACQN/DEVL LOCATION : FRENCHMAN FLAT JACKASS FLAT	02/13/89-02/13/89	NWM-USGS-GCP-03	A	N	C
GS911108315215.015	ANALYTICAL RESULTS OF URANIUM, THORIUM, AND URANIUM ACTIVITY RATIOS IN WATER SAMPLES FROM J-12, J-13, WT-1, WT-7, WT-10, WT-17, VH-2. SAMPLES WT-1, WT-7, WT-10, AND WT-17 ARE SUSPECT. THEY ARE SCOPING SAMPLES AS WELL. ACQN/DEVL LOCATION : J-12 J-13 VH-2 WT-1 WT-10 WT-17 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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE OF DATA	QUALIFIED	LOCATION
**GS911208315215.016	CALCITE VALUES OF SAMPLES FROM DRILL HOLES USW G-2, G-3/GU-3, USW G-1, USW G-4, UE25 A#1, UE25 B#1, AND P#1 ACQN/DEVL LOCATION : UE25 A#1, UE25 B#1 UE25 P#1 USW G-1 USW G-2 USW G-3 USW G-4 USW GU-3	12/01/90-05/31/91	STABLE ISOTOPIC AND U-SERIES AGE DATA FROM CALCITE SAMPLES COLLECTED PER TECHNICAL PROCEDURE USGS GCP-16	A	Y	P
GS920208315215.003	87SR/86SR RATIOS ON WATER SAMPLES OBTAINED FROM WELLS WT-17, -15, -14, -10, -7, -4, -1. ACQN/DEVL LOCATION : USW WT-1 USW WT-10 USW WT-14 USW WT-15 USW WT-17 USW WT-4 USW WT-7	04/22/91-05/08/91	NWM-USGS-GCP-12, R3	A	Y	P
**GS920208315215.004	"ISOTOPIC STUDIES OF FRACTURE COATINGS AT YUCCA MOUNTAIN, NEVADA" BY B. MARSHALL, J. WHELAN, Z. PETERMAN, K. FUTA, S. MAHAN, AND J. STUCKLESS ACQN/DEVL LOCATION : USGS	01/06/92-02/18/92	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCE WERE USED TO DEVELOP THIS REPORT.	D	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
GS920208315215.005	PB,U, AND TH ISOTOPIC DATA ON CALCITE-SILICA SAMPLES FROM TRENCH 14 AND BUSTED BUTTE. ACQN/DEVL LOCATION : BUSTED BUTTE TRENCH 14	06/01/90-05/31/91	NWM-USGS-GCP-13, R2 AND R3.	A	Y		P
GS920208315215.006	RB AND SR CHEMICAL LABORATORY NOTEBOOKS CONTAINING INFORMATION ON COLUMN PLACEMENT FOR SAMPLES, ELUTIONS, CALIBRATIONS, SAMPLE AND SPIKE INFORMATION AND DATES SAMPLES WERE PUT THROUGH THE ION EXCHANGE COLUMN. ACQN/DEVL LOCATION : USGS RB-SR CLEAN LABORATORY	05/10/91-02/28/92	NWM-USGS-GCP-12, R3.	A	Y		P
GS920208315215.007	MINERAL AND WHOLE ROCK SEPARATION LABORATORY NOTEBOOKS RECORD SAMPLE DESCRIPTIONS, DATES SAMPLES WERE CRUSHED, INFORMATION ABOUT SAMPLES THAT WERE DRILLED, LEACHED HAND-PICKED OR OTHER SEPARATION WORK. ACQN/DEVL LOCATION : USGS MINERAL SEPARATION LABORATORY	05/10/91-02/28/92	NWM-USGS-GCP-12, R3, AND NWM-USGS-GCP-07, R2.	A	Y		P
GS920208315215.008	RB AND SR, SM AND ND MASS SPECTROMETER DATA FROM THE 54E MICROMASS MULTIPLE SAMPLE COLLECTOR AND THE NBS#2 6" SINGLE SAMPLE COLLECTOR. LOGBOOK INFORMATION INCLUDES SAMPLE ID, DATES OF "RUN", ANY REPEATED ANALYSIS, POSSIBLE PROBLEMS WITH ANALYSIS, TYPE OF SAMPLE AND OPERATOR. ACQN/DEVL LOCATION : SOLID SOURCE MASS SPECTROMETER BAY, USGS	05/10/91-02/28/92	NWM-USGS-GCP-12, R3.	A	Y		P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
**GS920208315215.009	"STRONTIUM ISOTOPE GEOCHEMISTRY OF CALCITE FRACTURE FILLING IN DEEP CORE, YUCCA MOUNTAIN, NEVADA - A PROGRESS REPORT" BY Z. PETERMAN, J. STUCKLESS, B. MARSHALL, S. MAHAN, AND K. FUTA. ACQN/DEVL LOCATION : USGS	01/06/92-02/14/92	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCE WERE USED TO DEVELOP THE REPORT.	D	Y	C
GS920208315215.010	RB AND SR CHEMICAL LABORATORY NOTEBOOKS CONTAINING INFORMATION ON COLUMN PLACEMENT FOR SAMPLES, ELUTIONS, CALIBRATIONS, SAMPLE AND SPIKE INFORMATION AND DATES SAMPLES WERE PUT THROUGH THE ION EXCHANGE COLUMN. ACQN/DEVL LOCATION : RB-SR CLEAN LABORATORY, USGS	10/04/88-05/02/89	NWM-USGS-GCP-12, R0 AND R1.	A	N	P
GS920208315215.011	MINERAL AND WHOLE ROCK SEPARATION LABORATORY NOTEBOOKS RECORD SAMPLE DESCRIPTIONS, DATES SAMPLES WERE CRUSHED, INFORMATION ABOUT SAMPLES THAT WERE DRILLED, LEACHED HAND-PICKED OR OTHER SEPARATION WORK. ACQN/DEVL LOCATION : MINERAL SEPARATION LABORATORY, USGS	02/02/89-05/02/89	NWM-USGS-GCP-12, R1 AND NWM-USGS-GCP-07, R1	A	N	P
**GS920208315215.013	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 EXTRACTED FROM A TWO SETS OF DATA. SEE ATTACHMENT 1 FOR A LISTING OF THE SELECTED DATA SET.	D	Y	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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	C
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	C
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
GS920708315215.017	CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES OF SAMPLES FROM TRENCH 14, BUSTED BUTTE, AND DRILL HOLE USW G-4 ACQN/DEVL LOCATION : USGS, DENVER	06/20/88-05/02/89	GCP-16,R0, R1, R2, CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES.	A	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920708315215.018	CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES OF SAMPLES FROM TRENCH 14 AND BUSTED BUTTE. ACQN/DEVL LOCATION : USGS, DENVER	05/03/89-10/01/89	SELECTION OF SOURCE DATA FOR THESE ANALYSES OF THESE SAMPLES.	A	Y	P
GS920708315215.019	CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES OF SAMPLES FROM TRENCH 14, BUSTED BUTTE, AND DRILL HOLE USW G-4 ACQN/DEVL LOCATION : USGS, DENVER	06/20/88-10/01/89	SELECTION OF DATA FOR SAMPLES LISTED.	D	N	P
GS920708315215.020	STABLE ISOTOPE GEOCHEMISTRY OF FAULT- AND FRACTURE-HOSTED CALCITE AND GROUND-WATER CARBONATE, YUCCA, MOUNTAIN AREA, NEVADA ACQN/DEVL LOCATION : USGS, DENVER	01/02/90-03/31/90	ANALYSIS OF STABLE ISOTOPE GEOCHEMISTRY OF FAULT- AND FRACTURE-HOSTED CALCITE AND GROUND WATER CARBONATE	D	N	P
GS920708315215.021	CALCAREOUS MICROFOSSIL STUDIES OF TRENCH 14 AND BUSTED BUTTE, NYE COUNTY, NEVADA ACQN/DEVL LOCATION : USGS, DENVER	06/24/88-06/24/88	HP-78,R1, NONMARINE CALCAREOUS MICROFOSSIL SAMPLE PREPARATION AND DATA ACQUISITION PROCEDURES.	A	N	P
GS920708315215.022	CALCAREOUS MICROFOSSIL STUDIES OF TRENCH 14 AND BUSTED BUTTE, NYE COUNTY, NEVADA ACQN/DEVL LOCATION : USGS, DENVER	09/24/90-11/02/91	HP-78,R1, NONMARINE CALCEREOUS MICROFOSSIL SAMPLE PREPARATION AND DATA ACQUISITION PROCEDURES.	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920708315215.023	CHRYSOPHYTE CYSTS - MICROFOSSIL STUDIES OF TRENCH 14 AND BUSTED BUTTE, NYE COUNTY, NEVADA ACQN/DEVL LOCATION : USGS, MENLO PARK	06/24/88-12/31/88	HP-76,R0, DIATOM ENUMERATION STUDIES.	A	N	P
GS920708315215.024	URANIUM CONCENTRATIONS, ISOTOPIC ACTIVITY RATIOS, AND AGES OF CARBONATE DEPOSITS ACQN/DEVL LOCATION : USGS, DENVER	07/03/86-07/15/86	METHODS DESCRIBED IN GCP-03,R0 & R1, URANIUM-SERIES DATING, & GCP-04,R0 & R1 URANIUM-TREND DATING.	A	N	P
GS920708315215.025	URANIUM CONCENTRATIONS, ISOTOPIC ACTIVITY RATIOS, AND AGES OF CARBONATE DEPOSITS AND YUCCA MOUNTAIN AREA GROUND WATER ACQN/DEVL LOCATION : USGS, DENVER	06/22/89-04/10/92	METHODS DESCRIBED IN GCP-03,R1, URANIUM-SERIES DATING, & GCP-04,R1 URANIUM-TREND DATING.	A	Y	P
GS920708315215.026	U, TH, AND PB CONCENTRATIONS AND PB ISOTOPIC COMPOSITIONS OF CARBONATE-SILICATE VEINS, CALCRETE, & VOLCANIC ROCKS FROM YUCCA MOUNTAIN, NV. ACQN/DEVL LOCATION : USGS, DENVER	09/01/89-05/31/91	SELECTION OF DATA FROM SOURCES. AVERAGE CONCENTRATIONS AND CARBONATE AND SILICATE PERCENTAGES CALCULATED BY LEACHING AND WEIGHING METHOD DESCRIBED IN THE DATA TABLES.	D	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
GS920708315215.027	87SR/86SR RATIOS IN SAMPLES FROM YUCCA MOUNTAIN VICINITY ACQN/DEVL LOCATION : USGS, DENVER	07/01/92-07/27/92	NWM-USGS GCP-12,R3, RB-SR ISOTOPE GEOCHEMISTRY.	D	N	P
*GS921208315215.028	PALEOHYDROLOGIC IMPLICATIONS OF THE STABLE ISOTOPIC COMPOSITION OF SECONDARY CALCITE WITHIN THE TERTIARY VOLCANIC ROCKS OF YUCCA MOUNTAIN, NEVADA BY JOSEPH F. WHELAN AND JOHN S. STUCKLESS. ACQN/DEVL LOCATION : USGS, DENVER, CO	05/31/91-04/10/92	DATA FROM CARBON AND OXYGEN ISOTOPIC COMPOSITION STUDIES OF CALCITE SAMPLED THROUGHOUT THE VOLCANIC SECTION WERE USED TO DETERMINE THE TEXTURAL, PARAGENETIC, AND GEOCHEMICAL DIFFERENCES WHICH DISTINGUISH CALCITE DEPOSITED BELOW THE WATER TABLE FROM THAT DEPOSITED IN THE UNSATURATED ZONE.	D	Y	P
Activity - 8.3.1.6.1.1						
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.6.1.1.1						
*GS921208316111.001	FIELD NOTEBOOKS RELATING TO SAMPLING OF BOULDERS FOR ROCK VARNISH (CATION RATIO) DATING, HILLSLOPE DEGRADATION RATES, AND CHARACTERISTICS OF COLLUVIAL BOULDER DEPOSITS IN THE YUCCA MOUNTAIN AREA. ACQN/DEVL LOCATION : NTS; AREA 18 NTS; AREA 25	06/09/84-07/15/87	FIELD MEASUREMENTS, OBSERVATIONS, AND SAMPLING BASED ON INVESTIGATOR'S EDUCATION AND EXPERIENCE.	A	Y	P
*GS921208316111.002	RELICT COLLUVIAL BOULDER DEPOSITS AS PALEOCLIMATIC INDICATORS IN THE YUCCA MOUNTAIN REGION, SOUTHERN NEVADA, BY JOHN W. WHITNEY AND CHARLES D. HARRINGTON. ACQN/DEVL LOCATION : USGS, DENVER	09/01/92-12/01/92	INTERPRETIVE ANALYSES BASED ON EDUCATION AND EXPERIENCE.	D	Y	P
Activity - 8.3.1.6.1.1.2						
*GS921208316111.001	FIELD NOTEBOOKS RELATING TO SAMPLING OF BOULDERS FOR ROCK VARNISH (CATION RATIO) DATING, HILLSLOPE DEGRADATION RATES, AND CHARACTERISTICS OF COLLUVIAL BOULDER DEPOSITS IN THE YUCCA MOUNTAIN AREA. ACQN/DEVL LOCATION : NTS; AREA 18 NTS; AREA 25	06/09/84-07/15/87	FIELD MEASUREMENTS, OBSERVATIONS, AND SAMPLING BASED ON INVESTIGATOR'S EDUCATION AND EXPERIENCE.	A	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*GS921208316111.002	RELICT COLLUVIAL BOULDER DEPOSITS AS PALEOCLIMATIC INDICATORS IN THE YUCCA MOUNTAIN REGION, SOUTHERN NEVADA, BY JOHN W. WHITNEY AND CHARLES D. HARRINGTON. ACQN/DEVL LOCATION : USGS, DENVER	09/01/92-12/01/92	INTERPRETIVE ANALYSES BASED ON EDUCATION AND EXPERIENCE.	D	Y	P
Activity - 8.3.1.6.1.1.3						
*GS921208316111.001	FIELD NOTEBOOKS RELATING TO SAMPLING OF BOULDERS FOR ROCK VARNISH (CATION RATIO) DATING, HILLSLOPE DEGRADATION RATES, AND CHARACTERISTICS OF COLLUVIAL BOULDER DEPOSITS IN THE YUCCA MOUNTAIN AREA. ACQN/DEVL LOCATION : NTS; AREA 18 NTS; AREA 25	06/09/84-07/15/87	FIELD MEASUREMENTS, OBSERVATIONS, AND SAMPLING BASED ON INVESTIGATOR'S EDUCATION AND EXPERIENCE.	A	Y	P
*GS921208316111.002	RELICT COLLUVIAL BOULDER DEPOSITS AS PALEOCLIMATIC INDICATORS IN THE YUCCA MOUNTAIN REGION, SOUTHERN NEVADA, BY JOHN W. WHITNEY AND CHARLES D. HARRINGTON. ACQN/DEVL LOCATION : USGS, DENVER	09/01/92-12/01/92	INTERPRETIVE ANALYSES BASED ON EDUCATION AND EXPERIENCE.	D	Y	P
LA000000000011.001	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

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIFF	QUALIFIED	LOCATION
LA000000000019.001	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
*LA000000000026.001	ROCK VARNISH CALIBRATION CATION-RATIO DATA ACQN/DEVL LOCATION : LANL	06/30/84-06/30/86	FIELD SAMPLING, SEM ANALYSIS	A	Y		P
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. ACQN/DEVL LOCATION : USW G-3 USW GU-3	01/01/79-01/01/85	FIELD MAPPING AS WELL AS INFORMATION OBTAINED FROM DRILL HOLES.	A	N		P
Activity - 8.3.1.6.3.1.1							
GS900908316311.001	PRELIMINARY ASSESSMENT OF THE RISK OF VOLCANISM AT A PROPOSED NUCLEAR WASTE REPOSITORY IN THE SOUTHERN GREAT BASIN. ACQN/DEVL LOCATION : CRATER FLAT, NTS	01/01/78-12/13/80	USGS STANDARD COLLECTION METHODS.	D	Y		C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.8.5.1.3						
LA000000000013.001	PRELIMINARY GEOLOGIC MAP OF THE SLEEPING BUTTE VOLCANIC CENTERS ACQN/DEVL LOCATION : LANL	01/30/80-08/30/90	STANDARD FIELD MAPPING WITH AIR PHOTOS	A	Y	P
LA000000000013.002	PRELIMINARY GEOLOGIC MAP OF THE SLEEPING BUTTE VOLCANIC CENTERS ACQN/DEVL LOCATION : LANL	09/30/90-12/30/90	STANDARD FIELD MAPPING WITH AIR PHOTOS	D	Y	P
Activity - 8.3.1.8.5.2						
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIFTYPE	QUALIFIED	LOCATION
Activity - 8.3.1.9.2.1						
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C
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. ACQN/DEVL LOCATION : 36 00'00"N 117 00'00"W ;37 00'00"N 116 00'00"W	03/21/86-03/31/92	USGS DATA WERE COLLECTED USING HP-54, HP-61, HP-99, AND HP-166.	A	N	P
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. ACQN/DEVL LOCATION : USGS	03/21/86-04/06/86	USGS STANDARD METHODS	D	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920608319221.003	RAW DATA ON WATER-LEVEL MEASUREMENTS, QW AND SPRING DISCHARGES FOR JANUARY THRU MARCH 1992. ACQN/DEVL LOCATION : 36 00'N 117 00'W 37 00'N 116 00'W 37 00'N 117 00'W	01/01/92-03/31/92	DATA WERE COLLECTED USING HP-54,R0, WATER-FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS; HP-61,R0, USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); HP-99,R1, INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS; AND HP-166,R0, STREAM DISCHARGE MEASUREMENTS USING A PYGMY METER.	A	N	P
Activity - 8.3.1.14.2.2.1						
GS900983114221.003	CORE SAMPLES FROM THE CALICO HILLS UE25A-3 BOREHOLE WERE MEASURED FOR DENSITY, POROSITY, RESISTIVITY, INDUCED POLARIZATION, COMPRESSIONAL SONIC VELOCITY, AND MAGNETIC PROPERTIES. ROCK PROPERTY ANALYSIS OF CORE SAMPLES FROM THE CALICO HILLS UE25A-3 BOREHOLE, NEVADA TEST SITE. ACQN/DEVL LOCATION : UE25A-3	08/01/80-08/31/80	USGS STANDARD COLLECTION METHODS.	D	N	C
*GS920983114221.001	LOG OF TEST PIT OR AUGER HOLE, PHYSICAL PROPERTIES SUMMARY, GRADATION TEST, AND SUMMARY OF PHYSICAL PROPERTIES TEST RESULTS FOR HOLE NUMBERS NRSF-TP-11, TP-19, TP-21, TP-25, TP-28, TP-29, AND TP-30. ACQN/DEVL LOCATION : NORTH RAMP SURFACE FACILITY	04/01/92-05/27/92	TECHNICAL PROCEDURES YMP USBR-7000-89,R0, PERFORMING DISTURBED SOIL SAMPLING IN TEST PITS, TRENCHES, ACCESSIBLE BORINGS AND TUNNELS; USBR-7250-89,R0, DETERMINATION OF PERCENT RELATIVE DENSITY; USBR-7221-89,R0, DETERMINING UNIT WEIGHT OF SOILS IN-PLACE BY THE WATER REPLACEMENT METHOD IN A TEST PIT; AND USBR-5000-86,R0, DETERMINING UNIFIED SOIL CLASSIFICATION (LABORATORY METHOD).	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.14.2.2.2						
*GS920983114221.001	LOG OF TEST PIT OR AUGER HOLE, PHYSICAL PROPERTIES SUMMARY, GRADATION TEST, AND SUMMARY OF PHYSICAL PROPERTIES TEST RESULTS FOR HOLE NUMBERS NRSF-TP-11, TP-19, TP-21, TP-25, TP-28, TP-29, AND TP-30.	04/01/92-05/27/92	TECHNICAL PROCEDURES YMP USBR-7000-89,R0, PERFORMING DISTURBED SOIL SAMPLING IN TEST PITS, TRENCHES, ACCESSIBLE BORINGS AND TUNNELS; USBR-7250-89,R0, DETERMINATION OF PERCENT RELATIVE DENSITY; USBR-7221-89,R0, DETERMINING UNIT WEIGHT OF SOILS IN-PLACE BY THE WATER REPLACEMENT METHOD IN A TEST PIT; AND USBR-5000-86,R0, DETERMINING UNIFIED SOIL CLASSIFICATION (LABORATORY METHOD).	A	Y	P
	ACQN/DEVL LOCATION : NORTH RAMP SURFACE FACILITY					
Activity - 8.3.1.14.2.3.1						
*GS920983114221.001	LOG OF TEST PIT OR AUGER HOLE, PHYSICAL PROPERTIES SUMMARY, GRADATION TEST, AND SUMMARY OF PHYSICAL PROPERTIES TEST RESULTS FOR HOLE NUMBERS NRSF-TP-11, TP-19, TP-21, TP-25, TP-28, TP-29, AND TP-30.	04/01/92-05/27/92	TECHNICAL PROCEDURES YMP USBR-7000-89,R0, PERFORMING DISTURBED SOIL SAMPLING IN TEST PITS, TRENCHES, ACCESSIBLE BORINGS AND TUNNELS; USBR-7250-89,R0, DETERMINATION OF PERCENT RELATIVE DENSITY; USBR-7221-89,R0, DETERMINING UNIT WEIGHT OF SOILS IN-PLACE BY THE WATER REPLACEMENT METHOD IN A TEST PIT; AND USBR-5000-86,R0, DETERMINING UNIFIED SOIL CLASSIFICATION (LABORATORY METHOD).	A	Y	P
	ACQN/DEVL LOCATION : NORTH RAMP SURFACE FACILITY					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.14.2.3.2						
*GS920983114221.001	LOG OF TEST PIT OR AUGER HOLE, PHYSICAL PROPERTIES SUMMARY, GRADATION TEST, AND SUMMARY OF PHYSICAL PROPERTIES TEST RESULTS FOR HOLE NUMBERS NRSF-TP-11, TP-19, TP-21, TP-25, TP-28, TP-29, AND TP-30.	04/01/92-05/27/92	TECHNICAL PROCEDURES YMP USBR-7000-89,R0, PERFORMING DISTURBED SOIL SAMPLING IN TEST PITS, TRENCHES, ACCESSIBLE BORINGS AND TUNNELS; USBR-7250-89,R0, DETERMINATION OF PERCENT RELATIVE DENSITY; USBR-7221-89,R0, DETERMINING UNIT WEIGHT OF SOILS IN-PLACE BY THE WATER REPLACEMENT METHOD IN A TEST PIT; AND USBR-5000-86,R0, DETERMINING UNIFIED SOIL CLASSIFICATION (LABORATORY METHOD).	A	Y	P
	ACQN/DEVL LOCATION : NORTH RAMP SURFACE FACILITY					
Activity - 8.3.1.14.2.3.3						
*GS920983114221.001	LOG OF TEST PIT OR AUGER HOLE, PHYSICAL PROPERTIES SUMMARY, GRADATION TEST, AND SUMMARY OF PHYSICAL PROPERTIES TEST RESULTS FOR HOLE NUMBERS NRSF-TP-11, TP-19, TP-21, TP-25, TP-28, TP-29, AND TP-30.	04/01/92-05/27/92	TECHNICAL PROCEDURES YMP USBR-7000-89,R0, PERFORMING DISTURBED SOIL SAMPLING IN TEST PITS, TRENCHES, ACCESSIBLE BORINGS AND TUNNELS; USBR-7250-89,R0, DETERMINATION OF PERCENT RELATIVE DENSITY; USBR-7221-89,R0, DETERMINING UNIT WEIGHT OF SOILS IN-PLACE BY THE WATER REPLACEMENT METHOD IN A TEST PIT; AND USBR-5000-86,R0, DETERMINING UNIFIED SOIL CLASSIFICATION (LABORATORY METHOD).	A	Y	P
	ACQN/DEVL LOCATION : NORTH RAMP SURFACE FACILITY					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.15.1.1.1						
SNL03000000001.000	GRAIN DENSITY MEASUREMENTS OF USW GU-3 AND USW G-4 SAMPLES IN SUPPORT OF HYDROLOGIC PROPERTY ANALYSIS, THE DATA IS USED TO DETERMINE POROSITIES AND SATURATION OF SAMPLES. ACQN/DEVL LOCATION : SNL	11/20/84-12/13/84	DATA COLLECTED USING A MICROMERETICS MODEL 1310 HELIUM GAS PYCOMETER.	A	N	C
SNL03000000003.000	DETERMINATION OF DRY BULK DENSITIES AND GRAIN DENSITIES USED IN SUPPORT OF HYDROLOGIC CALCULATIONS AND IN POROSITY AND SATURATION CALCULATIONS ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	07/07/82-10/21/83	DATA COLLECTED USING A PCYNOMETER BULK DENSITY WAS CALCULATED BY DETERMINING THE VOLUME OF CORE AND WEIGHT (D=M/V). THE POROSITY EQUATION IS 1-BULK DENSITY/PARTICLE DENSITY. THE PARTICLE DENSITY CALCULATION IS P_P=P_W (W_S-W_A) /[W_S-W_A)-(W_S_W-W_W)].	A	N	C
*SNL03071183001.001	MECHANICAL TESTING DATA ON TOPOPAH SPRING MEMBER SAMPLES FROM BUSTED BUTTE. BULK PROPERTIES TESTING ON 28 BUSTED BUTTE OUTCROP SAMPLES. ACQN/DEVL LOCATION : TERRA TEK/SANDIA NATIONAL LABORATORY (SNL)	07/26/83-12/06/83	BEFORE MECHANICAL TESTING, ALL OF THE TEST SAMPLES WERE WATER SATURATED. SATURATED WEIGHTS WERE COMBINED WITH MEASURED VOLUMES TO PROVIDE SATURATED BULK DENSITIES OF THE SAMPLES. BULK SAMPLE GRAIN DENSITY, MATRIX GRAIN DENSITY, AND MATRIX POROSITY WERE MEASURED ON PIECES OF SCRAP TAKEN FROM THE END OF EACH SAMPLE DURING THE MACHINING PROCESS. THE REMAINDER OF THE BULK PROPERTIES WERE CALCULATED FROM THESE MEASURED PROPERTIES AND THE MODAL PERCENTAGES OBTAINED FROM POINT COUNTING. (FOR MORE DETAIL SEE SAND84-0860 APPENDIX C). TECHNICAL PROCEDURE: "QUALITY ASSURANCE PLAN, TERRA TEK RESEARCH AND DEVELOPMENT SERVICES. ROCK MECHANICS GROUP, HIGH TEMP., HIGH PRESSURE TEST AREA."	A	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*SNL03071183002.001	MECHANICAL TESTING DATA, BULK PROPERTIES TESTING ON TWELVE BUSTED BUTTE TOPOPAH SPRING MEMBER 10AE SAMPLES.	07/26/83-12/06/83	BEFORE MECHANICAL TESTING, ALL OF THE TEST SAMPLES WERE WATER SATURATED. SATURATED WEIGHTS WERE COMBINED WITH MEASURED VOLUMES TO PROVIDE SATURATED BULK DENSITIES OF THE SAMPLES. BULK SAMPLE GRAIN DENSITY, MATRIX GRAIN DENSITY, AND MATRIX POROSITY WERE MEASURED ON PIECES OF SCRAP TAKEN FROM THE END OF EACH SAMPLE DURING THE MACHINING PROCESS.	A	N	C
	ACQN/DEVL LOCATION : TERRA TEK/SANDIA NATIONAL LABORATORY (SNL)					
*SNL04020984001.001	PETROGRAPHIC DESCRIPTION OF LITHOPHYSAL TUFFS.	11/01/83-01/01/84	NINETEEN POLISHED THIN-SECTIONS WERE PREPARED FROM TEN SAMPLES TAKEN FROM THE ENDS OF THE LARGE DIAMETER CORES. PETROGRAPHIC DATA WAS OBTAINED FROM EXAMINATION OF THIN-SECTIONS, USING A PETROGRAPHIC MICROSCOPE.	A	N	C
	ACQN/DEVL LOCATION : UNIVERSITY OF NEW MEXICO, GEOLOGY DEPARTMENT					
Activity - 8.3.1.15.1.2.1						
SNL01B00000001.000	UNCONFINED LINEAR THERMAL EXPANSION DATA	02/01/78-01/26/87	DUAL PUSH ROD DILATOMETRY	A	N	C
	ACQN/DEVL LOCATION : SNL					
SNL01B00000002.000	UNCONFINED LINEAR THERMAL EXPANSION DATA	02/01/78-01/26/87	DUAL PUSH ROD DILATOMETRY	A	N	C
	ACQN/DEVL LOCATION : SNL					

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
SNL01B00000003.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A	N	C
SNL01B00000004.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A	N	C
SNL01B00000005.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A	N	C
SNL01B00000006.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A	N	C
SNL01B00000007.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A	N	C
SNL01B00000008.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A	N	C
SNL01B00000009.000	CONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : TERRA TEK, INC.	02/01/78-01/26/87	SINGLE PUSH ROD DILATOMETRY	A	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
SNL01B00000010.000	CONFINED AND UNCONFINED LINEAR THERMAL EXPANSION DATA ACQN/DEVL LOCATION : SNL	02/01/78-01/26/87	SINGLE AND DUAL PUSH ROD DILATOMETRY	D	N	T
SNL04000000001.000	DATA DISKETTES (REFLEX AND LOTUS 123) USED SPDD 91-7031. ACQN/DEVL LOCATION : USW G-1	04/01/89-03/01/91	STANDARD MICROPROBE ANALYSIS.	A	N	P
Activity - 8.3.1.15.1.3.1						
SNL02000000011.000	MATRIX COMPRESSIVE TESTS OF THE TOPOPAH SPRING MEMBER IN USW GU-3 ACQN/DEVL LOCATION : USW GU-3, YUCCA MOUNTAIN, NEVADA TEST SITE	04/20/83-05/17/83	THE MECHANICAL EXPERIMENTS WERE PERFORMED ON A LOAD FRAME HAVING A MAXIMUM LOAD CAPACITY OF 1.8MN (400KIP). A CONSTANT DISPLACEMENT RATE OF THE LOADING PISTON IS ACHIEVED BY SERVO-CONTROL OF THE HYDRAULIC RAM WHILE MONITORING AN LVDT (LINEAR VARIABLE DISPLACEMENT TRANSFORMER) AT THE BASE OF THE LOADING COLUMN.	A	N	C
SNL02000000012.000	UNIAXIAL AND TRIAXIAL COMPRESSION TEST SERIES ON TOPOPAH SPRING TUFF ACQN/DEVL LOCATION : USW-G1, YUCCA MOUNTAIN, NEVADA TEST SITE	06/24/82-10/31/82	MECHANICAL EXPERIMENTS WERE PERFORMED ON LOAD FRAMES HAVING MAXIMUM LOAD CAPACITIES OF 1.0 MN (220 KIP) AND 1.8 MN (400 KIP) FOR UNIAXIAL AND TRIAXIAL TESTS, RESPECTIVELY.	A	N	C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*SNL02033084001.001	MATRIX COMPRESSIVE TESTS OF THE TOPOPAH SPRING MEMBER IN USW G-2.	06/21/84-06/21/85	THIRTY-SIX UNIAXIAL AND TRIAXIAL COMPRESSION EXPERIMENTS WERE PERFORMED ON CYLINDRICAL SAMPLES TAKEN FROM THE TOPOPAH SPRING MEMBER OF THE PAINTBRUSH TUFF FROM CORE HOLE USW G-2 AT YUCCA MOUNTAIN IN SOUTHERN NEVADA. THE MECHANICAL EXPERIMENTS WERE PERFORMED ON A LOAD FRAME HAVING A MAXIMUM CAPACITY OF 1.1 MN (235 KIP). FOR MORE DETAIL SEE SAND85-0703 & "QUALITY ASSURANCE PLAN, TERRA TEK RESEARCH AND DEVELOPMENT SERVICES. ROCK MECHANICS GROUP, HIGH TEMPERATURE, HIGH PRESSURE TEST AREA."	A	N	P
	ACQN/DEVL LOCATION : TERRA TEK RESEARCH, SALT LAKE CITY, UTAH.					
*SNL02033084002.001	PARAMETER EFFECTS ON MATRIX COMPRESSIVE PROPERTIES OF THE TOPOPAH SPRING MEMBER AT BUSTED BUTTE.	04/04/85-08/12/87	RSI/LPM-1: "RE/SPEC LABORATORY PROCEDURES MANUAL". & TP-05 DOCUMENTATION FOR TUFF TESTING IN RSI/TLM-144	A	N	P
	ACQN/DEVL LOCATION : RE/SPEC INC., ALBUQUERQUE, NM					
*SNL02040184001.001	EFFECTS OF LITHOPHYSAE ON THE MATRIX COMPRESSIVE PROPERTIES. PHYSICAL PROPERTIES AND LITHOPHYSAL DETERMINATION FOR LARGE DIAMETER SAMPLES OF THE TOPOPAH SPRING MEMBER AT BUSTED BUTTE.	09/26/83-02/13/84	ROCKS FOR THIS STUDY WERE COLLECTED AS LARGE (6 CUBIC METERS) IRREGULAR BLOCKS FROM AN OUTCROP ON THE SOUTHEASTERN FLANK OF BUSTED BUTTE. CYLINDRICAL SAMPLES WITH DIAMETERS OF 12 INCHES WERE CORED FROM THE LARGE BLOCKS. THESE SAMPLES WERE THEN CUT AND MACHINED TO RIGHT-CIRCULAR CYLINDERS 266.7MM (PLUS OR MINUS .25MM) IN DIAMETER AND 533.4MM (PLUS OR MINUS 2.0MM) IN LENGTH. PIECES CUT FROM THE SAMPLES ENDS WERE USED IN THE MINERALOGY AND BULK PROPERTY STUDIES, AND THE FINISHED CYLINDERS WERE THE MECHANICAL TEST SPECIMENS. MECHANICAL EXPERIMENTS WERE PERFORMED ON A LOAD FRAME. (SEE SAND 84-0860 PG8-23 FOR MORE DETAIL). TESTING PROCEDURES: ASTM D 3148-80, ASTM D 2938-79, & ASTM D 2664-80	A	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
	ACQN/DEVL LOCATION : SANDIA NATIONAL LABORATORY (SNL)					
*SNL02072983001.001	LABORATORY COMPARISON OF MECHANICAL COMPRESSIVE DATA FROM MATRIX COMPRESSIVE TESTS USING BUSTED BUTTE OUTCROP SAMPLES.	09/16/83-03/20/84	1) TRIAXIAL COMPRESSION TESTS OF NINE BUSTED BUTTE OUTCROP SAMPLES, CONDUCTED BY TERRATEK. 2) MECHANICAL TESTS OF ALUMINUM AND PLASTIC SAMPLES. THESE TESTS WERE PERFORMED AS PART OF AN EXPERIMENT DESIGNED TO ASSESS THE INFLUENCE OF INDIVIDUAL TESTING LABORATORIES ON TEST RESULTS. (SEE ACTIVITY 2 & 3 DATA FROM DRMS DATASET 51/L02-7/29/83). (FOR MORE DETAIL SEE TECHNICAL PROCEDURES SECTION OF DRMS DATASET 51/L02-7/29/83).	A	N	P
	ACQN/DEVL LOCATION : TERRATEK RESEARCH, SALT LAKE CITY, UTAH					
*SNL02072983002.001	LABORATORY COMPARISON OF MECHANICAL COMPRESSIVE DATA FROM MATRIX COMPRESSIVE TESTS USING BUSTED BUTTE OUTCROP SAMPLES.	08/10/83-08/23/83	MECHANICAL EXPERIMENTS WERE PERFORMED ON A LOAD FRAME WITH CAPACITIES OF 0.9, 1.8 & 4.9 MN. CONFINING PRESSURE AND PORE PRESSURE WERE MEASURED WITH STANDARD GAGES. (FOR MORE DETAIL SEE SOP NO. 45100 8210 "THE 1.8 MN (400 KIP) TRIAXIAL TESTING SYSTEM IN BUILDING 849, ROOM 1" AND ASTM D 2664-80 OR TECHNICAL PROCEDURES SECTION FROM DRMS 51/L02-7/29/83).	A	N	P
	ACQN/DEVL LOCATION : SNL					
*SNL02072983003.001	LABORATORY COMPARISON OF MECHANICAL COMPRESSIVE DATA FROM MATRIX COMPRESSIVE TESTS USING THE BUSTED BUTTE OUTCROP SAMPLES.	09/06/83-02/22/84	EIGHT TRIAXIAL COMPRESSION TESTS PERFORMED ON SATURATED SPECIMENS OF THE PAINTBRUSH TUFF AT BUSTED BUTTE. THE SPECIMENS WERE LOADED TO FAILURE AT 20 DEGREES C AND AT A CONSTANT AXIAL STRAIN RATE OF 1 X 10-5 S-1 AND AT ZERO PORE PRESSURE. TESTS PERFORMED AS PART OF AN EXPERIMENT DESIGNED TO ASSESS THE INFLUENCE OF INDIVIDUAL TESTING LABORATORIES ON TEST RESULTS. (SEE DRMS 51/L02-07/29/83 FOR MORE DETAIL).	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	ACQN/DEVL LOCATION : RE/SPEC INC., ALBUQUERQUE, NM					
*SNL02100181001.001	LABORATORY COMPARISON OF MATRIX COMPRESSIVE TESTS USING THE CALICO HILLS MEMBER IN USW G-1.	11/13/81-04/01/82	FORTY-FOUR UNIAXIAL AND TRIAXIAL COMPRESSION EXPERIMENTS WERE PERFORMED ON SATURATED AND ROOM DRY SAMPLES AT NOMINAL STRAIN RATES; CONFINING PRESSURES OF 0.1, 10 AND 20 MPA; AND ROOM TEMPERATURE. THE MECHANICAL EXPERIMENTS WERE PERFORMED ON A LOAD FRAME HAVING A MAXIMUM LOAD CAPACITY OF 1.8 MN (400 KIP). THE UNCONFINED SAMPLES DEFORMED IN A BRITTLE MODE, WHILE THE CONFINED SAMPLES EXHIBITED MACROSCOPIC DUCTILE BEHAVIOR. (FOR A MORE DETAILED DESCRIPTION SEE SAND82-1314).	A	N	P
	ACQN/DEVL LOCATION : SNL					
*SNL02120584001.001	MATRIX COMPRESSIVE TESTS TO DETERMINE PARAMETER EFFECTS. TEMPERATURE, PRESSURE, STRAIN RATE AND SATURATION ON MECHANICAL PROPERTIES OF THE TOPOPAH SPRING MEMBER.	04/05/85-03/21/86	MECHANICAL EXPERIMENTS WERE PERFORMED ON A LOAD FRAME WITH CAPACITIES OF 0.9, 1.8 & 4.9 MN. CONFINING PRESSURE, AND PORE PRESSURE WERE MEASURED WITH STANDARD GAGES. EFFECTIVE PRESSURE WAS CACULATED FROM THESE VALUES. TESTS WERE RUN DRAINED AND PORE PRESSURE WAS ASSUMED TO BE ATMOSPHERIC (ABOUT 0.1 MPA). DIFFERENTIAL STRESS AND AXIAL STRAIN WERE ALSO CALCULATED. LATERAL STRAIN & VOLUMETRIC STRAIN WERE ALSO CALCULATED. AXIAL FORCE, AXIAL DISPLACEMENT, LATERAL DISPLACEMENT AND TIME DATA WERE COLLECTED. (SEE SAND86-1131 FOR MORE DETAIL).	A	N	P
	ACQN/DEVL LOCATION : SNL					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*SNSAND82131400.000	DATA FROM SAND82-1314: "UNIAXIAL AND TRIAXIAL COMPRESSION TEST SERIES ON CALICO HILLS TUFF."; 1) LOAD CELL LVDT'S, AND DISK GAGE CALIBRATION DATA; 2) ALUMINUM SAMPLE CALIBRATION DATA; AND 3) EXPERIMENTAL DATA - COMPRESSION TESTS.	11/13/81-10/01/82	FORTY-FOUR UNIAXIAL AND TRIAXIAL COMPRESSION EXPERIMENTS WERE PERFORMED ON SATURATED AND ROOM DRY SAMPLES AT NOMINAL STRAIN RATES; CONFINING PRESSURES OF 0.1, 10 AND 20 MPA; AND ROOM TEMPERATURE. THE MECHANICAL EXPERIMENTS WERE PERFORMED ON A LOAD FRAME HAVING A MAXIMUM LOAD CAPACITY OF 1.8 MN (400 KIP). THE UNCONFINED SAMPLES DEFORMED IN A BRITTLE MODE, WHILE THE CONFINED SAMPLES EXHIBITED MACROSCOPIC DUCTILE BEHAVIOR. (SEE SAND82-1314 FOR MORE DETAIL)	D	N	P
	ACQN/DEVL LOCATION : SNL					
*SNSAND82172300.000	DEVELOPED DATA FROM SAND 82-1723: 1) LOAD CELL LVDT'S AND DISK GAGE CALIBRATION DATA; 2) ALUMINUM SAMPLE CALIBRATION DATA I.D. MN LOAD FRAME; 3) LOAD CELL, LVDT'S AND DISK GAGE CALIBRATION DATA 1.8 MN FRAME; 4) ALUMINUM SAMPLE CALIBRATION DATA - COMPRESSION TESTS	06/24/82-10/31/82	MECHANICAL EXPERIMENTS WERE PERFORMED ON LOAD FRAMES HAVING MAXIMUM LOAD CAPACITIES OF 1.0 MN (220 KIP) AND 1.8 MN (400 KIP) FOR THE UNIAXIAL AND TRIAXIAL TESTS. A CONSTANT DISPLACEMENT RATE OF THE LOADING PISTON IS ACHIEVED BY SERVO-CONTROL OF THE HYDRAULIC LOADING RAM WHILE MONITORING AN LVDT (LINEAR VARIABLE DISPLACEMENT TRANSFORMER) AT THE BASE OF THE LOADING COLUMN. (SEE SAND82-1723, PAGE 7-9 FOR A MORE DETAILED DESCRIPTION.) USW-G1 SAMPLES.	D	N	P
	ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
*SNSAND83164600.000	DATA FROM SAND83-1646: 1) LOAD CELL LVDT AND DISK GAGE CALIBRATION DATA; 2) ALUMINUM SAMPLE CALIBRATION DATA; 3) SAMPLE DATA; 4) BRIEF SAMPLE DESCRIPTIONS; 5) BRIEF SAMPLE DESCRIPTIONS - SYMBOLS KEY; 6) EXPERIMENTAL DATA - FULLY SATURATED SAMPLES; 7) EXPERIMENTAL DATA - WET SAMPLES; 8) STATIC MECHANICAL PROPERTIES OF GU-3 760.9 SAMPLES; 9) ULTRASONIC VELOCITY DATA; 10) DYNAMIC ELASTIC MODEL OF GU-3 760.9 SAMPLES COMPRESSION TEST. ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM	04/14/83-02/29/84	MECHANICAL EXPERIMENTS WERE PERFORMED ON A LOAD FRAME HAVING A MAXIMUM LOAD CAPACITY OF 1.8 MN (400 KIP). A CONSTANT DISPLACEMENT RATE OF THE LOADING PISTON IS ACHIEVED BY SERVO-CONTROL OF THE HYDRAULIC LOADING RAM WHILE MONITORING AN LVDT (LINEAR VARIABLE DISPLACEMENT TRANSFORMER) AT THE BASE OF LOADING COLUMN. THE THIRTY-FIVE TEST SPECIMENS WERE ALL RIGHT CIRCULAR CYLINDERS MACHINED FROM DRILLHOLE USW GU-3 CORE MATERIAL. SAMPLES WERE SATURATED OR PARTIALLY SATURATED. (SEE SAND83-1646, PAGES 5-9 FOR MORE DETAIL)	D	N	P
*SNSAND84086000.000	PETROLOGICAL, MINERALOGICAL, MECHANICAL AND BULK PROPERTIES OF LITHOPHYSAL TUFF. ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM	08/30/83-02/28/85	DATA FOR MECHANICAL PROPERTIES WAS OBTAINED FROM TESTS PERFORMED IN COMPRESSION AT ATMOSPHERIC PRESSURE AND ROOM TEMPERATURE (23 DEGREES C.), AND A NOMINAL STRAIN RATE. THESE TESTS WERE PERFORMED ON A LOAD FRAME. PETROLOGIC DATA TABLES WERE OBTAINED FROM INDIVIDUAL STUDIES ON THE TOPOPAH SPRING MEMBER LITHOPHYSAL SAMPLES. CALIBRATION DATA WAS OBTAINED FROM MEASUREMENT GAGES USED IN THE MECHANICAL EXPERIMENTS. STRAIN & STRESS DATA RESULTS FROM THE MECHANICAL EXPERIMENTS ON THE TOPOPAH SPRING MEMBER LITHOPHYSAL SAMPLES. (SEE SAND84-0860 FOR MORE DETAIL).	D	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*SNSAND85070300.000	BULK DENSITY, GRAIN DENSITY, POROSITY, UNIAXIAL AND TRIAXIAL COMPRESSIVE STRENGTH, POISSONS RATIO, AND YOUNGS MODULUS DATA FROM SAND85-0703: "UNIAXIAL AND TRIAXIAL COMPRESSION TEST SERIES ON THE TOPOPAH SPRING MEMBER FROM USW G-2, YUCCA MOUNTAIN, NEVADA"	06/21/85-03/01/87	MECHANICAL TESTS CONDUCTED ON INTACT SAMPLES OF THE TOPOPAH SPRING MEMBER OBTAINED FROM USW G-2 CORE HOLE AT 13 DIFFERENT STRATIGRAPHIC LEVELS. BULK DENSITY DATA OBTAINED VOLUMETRICALLY. GRAIN DENSITIES AND POROSITIES CALCULATED FROM BULK DENSITIES. (FOR MORE DETAIL SEE SAND85-0703)	D	N	P
	ACQN/DEVL LOCATION : SNL					
Activity - 8.3.1.15.1.3.2						
*SNL02040687003.001	MECHANICAL PROPERTY DATA TO ANALYZE THE RESPONSE OF SAMPLES OF UNIT TSW2 TO HIGH TEMPERATURE AND/OR LOW STRAIN RATES. COMPRESSIVE TESTS AT 22 DEGREES CENTIGRADE, 10-9 S-1, PC=PP=0.1 MPA.	12/14/90-01/22/92	EP-0002 REV. B: "EFFECTS OF VARIABLE ENVIRONMENTAL CONDITIONS ON COMPRESSIVE MECHANICAL PROPERTIES - HIGH TEMPERATURE/LOW STRAIN RATE EXPERIMENTS." DATED 07/20/88. TP-91, REV. A: "UNCONFINED COMPRESSION EXPERIMENTS AT 22 DEGREES CENTIGRADE AND A STRAIN RATE OF 10-9 S-1." DATED 4/2/90	A	N	P
	ACQN/DEVL LOCATION : NEW ENGLAND RESEARCH INC, WHITE RIVER JUNCTION, VT					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.15.1.7.1						
*SNF15062689001.001	HIGH PRESSURE FLATJACK EVALUATION, PART OF THE ONGOING G-TUNNEL EQUIPMENT AND INSTRUMENT DEVELOPMENT AND DEMONSTRATION PER EP-0026.	08/03/89-01/10/90	SAFE OPERATING PROCEDURE FOR HIGH PRESSURE FLATJACK TESTING AT G-TUNNEL UNDERGROUND FACILITY, NTS (SOP 11700 8705) & DEVELOPMENTAL FIELD TESTING (DRAFT 06/26/89 - YMP EP-0026 REV 0.). THE FLATJACK CANCELLATION (FC) METHOD IS USED TO MEASURE STRESSES NEAR THE SURFACES OF ROCK MASSES. THE METHOD INVOLVES DISTANCE MEASUREMENTS BEFORE AND AFTER A SLOT IS CUT IN THE ROCK SURFACE. AS THE SLOT IS CUT, THE ROCK CONVERGES SLIGHLTY, A FLATJACK IS INSTALLED IN THE SLOT AND PRESSURIZED TO RETURN THE SLOT DIMENSIONS TO THE PRE-SLOT CUTTING VALUES. FC PRESSURE CAN BE MATHMATICALLY RELATED TO THE STRESS ACTING NORMAL TO THE SLOT. MEASURMENTS WERE TAKEN IN CYCLES.	A	N	C
	ACQN/DEVL LOCATION : G-TUNNEL, YUCCA MOUNTAIN, NEVADA					
Activity - 8.3.1.15.2.1.2						
GS900983115212.001	REPORT ON TELEVIEWER LOG AND STRESS MANAGEMENT IN CORE HOLE USW G-1, NEVADA TEST SITE, DECEMBER 13-22, 1981.	12/13/81-12/22/81	USGS STANDARD COLLECTION METHODS.	D	N	C
	ACQN/DEVL LOCATION : USW G-1					
GS900983115212.002	REPORT ON TELEVIEWER LOG AND STRESS MEASUREMENTS IN CORE HOLE USW G-2, NEVADA TEST SITE, OCTOBER-NOVEMBER 1982.	10/01/82-11/30/82	USGS STANDARD COLLECTION METHODS.	D	N	C
	ACQN/DEVL LOCATION : USW G-2					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS900983115212.003	DATA ON TELEVIEWER LOG AND STRESS MANAGEMENT IN HOLES USW G-3 AND UE-25P1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA. ACQN/DEVL LOCATION : UE-25P-1 USW G-3	02/01/83-03/31/83 11/01/83-12/31/83	USGS STANDARD COLLECTION METHODS.	D	N	C
Activity - 8.3.1.15.2.2.1						
GS900983115221.001	ANALYSIS OF THERMAL DATA FROM DRILL HOLES UE25A-3 AND UE25A-1, CALICO HILLS AND YUCCA MOUNTAIN, NEVADA TEST SITE. ACQN/DEVL LOCATION : CALICO HILLS UE25A-1 UE25A-3 YUCCA MOUNTAIN	04/01/79-04/30/79	USGS STANDARD COLLECTION METHODS.	D	N	C
GS900983115221.002	PRELIMINARY INTERPRETATION OF THERMAL DATA FROM THE NEVADA TEST SITE. ANALYSIS OF DATA FROM 60 WELLS IN AND AROUND THE NEVADA TEST SITE, INCLUDING 16 IN THE YUCCA MOUNTAIN AREA. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/71-12/31/81	USGS STANDARD COLLECTION METHODS.	D	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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
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. ACQN/DEVL LOCATION : 39 01'32N 119 42'31"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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : 38 51'00"N 118 46'54"W	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
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. ACQN/DEVL LOCATION : 39 17'09"N 119 45'04"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
GS920183116111.004	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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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
Activity - 8.3.1.16.2.1.4						
**GS910983116214.001	COMPUTER SIMULATIONS FOR REPORT ENTITLED "SIMULATED EFFECTS OF PUMPING WELLS J-13 AND J-12 IN THE VICINITY OF YUCCA MOUNTAIN" BY JOHN B. CZARNECKI ACQN/DEVL LOCATION : USGS, DENVER	08/01/91-08/31/91	COMPUTER SIMULATION MODELING USING MODFE. SIMULATION OF VARIOUS WITHDRAWAL RATES USING A TWO-DIMENSIONAL, SUBREGIONAL, FINITE-ELEMENT MODEL OF GROUND-WATER FLOW.	D	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : PAINTBRUSH TUFF, YUCCA MOUNTAIN	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS.	D	N	C
Activity - 8.3.1.17.3.1						
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.3.3						
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C
	ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS					
Activity - 8.3.1.17.3.3.2						
SNF08000000001.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE CONTACT.	06/22/89-06/22/89	TEST WAS UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					
SNF08000000002.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE AMARILLO.	06/27/89-06/27/89	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
SNF08000000003.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE ALAMO.	07/07/88-07/07/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					
SNF08000000004.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE DALHART.	10/13/88-10/13/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					
SNF08000000005.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE KEARSARGE.	08/17/88-08/17/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
SNF08000000006.000	DIGITIZING/DATA REDUCTION PLOTS AND DATA FROM UNE BULLION.	06/13/90-03/18/91	DATA REDUCED AND DIGITIZED USING TECHNICAL PROCEDURE (TP) 82, REV. C: PROCEDURE FOR ACQUIRING, DITIGIZING, PROCESSING, STORING GROUND MOTION DATA FROM UNDERGROUND NUCLEAR EXPLOSIONS.	D	N	P
	ACQN/DEVL LOCATION : SNL					
SNF08000000007.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE BULLION.	06/13/90-06/13/90	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					
SNF08000000008.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE COMSTOCK.	06/02/88-06/02/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
SNF08000000009.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE BARNWELL.	12/09/89-12/09/89	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					
SNF08000000010.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE DELAMAR.	04/18/87-04/18/87	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					
SNF08000000011.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE KERNVILLE.	02/15/88-02/15/88	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
SNF08000000012.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE LOCKNEY.	09/24/87-09/24/87	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					
SNF08000000013.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE HARDIN.	04/30/87-04/30/87	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					
SNF08000000014.000	9 TRACK MAGNETIC TAPE OF UNE-GENERATED GROUND MOTION DATA FROM UNE TAHOKA.	08/13/87-08/13/87	TEST WAS AN UNDERGROUND NUCLEAR EXPLOSION (UNE). COLLECTION METHOD CONSISTS OF SENSING UNE-GENERATED GROUND MOTIONS WITH ACCELEROMETERS WHICH CONVERT MOTION TO ELECTRICAL SIGNALS WHICH ARE AMPLIFIED, MULTIPLEXED AND TRANSMITTED VIA FM SIGNAL TO CENTRAL SITE WHERE SIGNALS ARE RECORDED ON AN ANALOG TAPE.	A	N	P
	ACQN/DEVL LOCATION : NRDA FIRE STATION - AREA 25/NTS					

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
SNF08000000015.000	COMPONENT GROUND MOTION AT THE NEVADA TEST SITE FROM PAHUTE MESA UNDERGROUND NUCLEAR EXPLOSIONS	01/01/70-12/31/89	ACQUISITION, DIGITIZING, PROCESSING, STORAGE, AND RETRIEVAL OF GROUND MOTION DATA IS DESCRIBED IN EP-0038: "EXPERIMENT PROCEDURE (EP) FOR ACQUIRING, DIGITIZING, PROCESSING, STORING AND RETRIEVING GROUND MOTION DATA FROM UNDERGROUND NUCLEAR EXPLOSIONS". THIS EP CROSS-REFERENCES TECHNICAL PROCEDURE: TP-209 AND TP-211 THROUGH TP-214.	A	N	C
	ACQN/DEVL LOCATION : TESTING SOURCE AREAS: PAHUTE MESA AND YUCCA FLAT						
Activity - 8.3.1.17.3.5							
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C
	ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS						

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : YUCCA MOUNTAIN AND VICINITY, NTS	02/01/85-02/28/85	USGS STANDARD COLLECTION METHODS.	D	N		P
Activity - 8.3.1.17.3.6							
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N		C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.1						
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C
Activity - 8.3.1.17.4.1.1						
GS900983117411.001	SOUTHERN GREAT BASIN SEISMOLOGICAL DATA REPORT FOR 1980 AND PRELIMINARY DATA ANALYSIS. EARTHQUAKE DATA FOR THE CALENDAR YEAR 1980 AND EARTHQUAKES OCCURING WITHIN AND ADJACENT TO THE SOUTHERN NEVADA SEISMOGRAPH NETWORK. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS.	D	N	C
GS900983117411.002	A STUDY OF EARTHQUAKE GROUND MOTIONS RECORDED AT DEPTH IN A DRILL HOLE AND AT GROUND SURFACE, CALICO HILLS, NEVADA TEST SITE. ACQN/DEVL LOCATION : UE25A-3	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS.	D	N	C

SITE CHARACTERIZATION PLAN BASELINE

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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIFF	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.1.2							
GS900983117412.002	RECONNAISSANCE SEISMIC REFRACTION STUDIES AT CALICO HILLS, WAHMONIE, AND YUCCA MOUNTAIN, SOUTHWEST NEVADA TEST SITE, NYE COUNTY, NEVADA. ACQN/DEVL LOCATION : WAHMONIE AND CALICO HILLS SITES, NTS	12/01/78-12/31/78 09/01/79-09/30/79	REFRACTION SEISMIC EXPERIMENTS.	D	N		C
GS900983117412.003	A SEISMIC STUDY OF YUCCA MOUNTAIN AND VICINITY, SOUTHERN NEVADA, DATA REPORT AND PRELIMINARY RESULTS. ACQN/DEVL LOCATION : YUCCA MOUNTAIN AND VICINITY, NTS	04/01/82-04/30/82	SIESMIC REFRACTION AND SHOTPOINT DEPLOYMENT RECORDINGS.	D	N		C
GS900983117412.004	DATA REPORT FOR THE 1983 SEIEMIC-REFRACTION EXPERIMENT AT YUCCA MOUNTAIN, BEATTY, AND VICINITY, SOUTHERN NEVADA. INCLUDES RECORD SECTIONS FROM THE TEN SHOTPOINTS, A LIST OF SEIEMOGRAPH LOCATIONS, A LIST OF SHOTPOINT LOCATIONS AND TIMES, DKDAT DATA FILES AND TAPE GRADE CODE AND A LIST OF FIRST-ARRIVAL TRAVEL TIME PICKS. ACQN/DEVL LOCATION : 9 SHOTPOINTS ON A N-S, E-W PROFILE OF YUCCA MT.	06/01/83-06/30/83	USGS STANDARD COLLECTION METHOD.	D	N		C
GS900983117412.047	LOCATION REFINEMENT OF EARTHQUAKES IN THE SOUTHWESTERN GREAT BASIN, 1931-1974, AND SEISMOTECTONIC CHARACTERISTICS OF SOME OF THE IMPORTANT EVENTS. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/85-12/31/85	USGS STANDARD COLLECTION METHODS.	D	N		C

SITE CHARACTERIZATION PLAN BASELINE

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

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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
GS910583117412.019	26 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L640-L642, L643-L645, L647-L669. DATES: 1/01/87 - 12/31/87. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/87-12/31/87	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIFF	QUALIFIED	LOCATION
GS910583117412.020	57 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L800-L856. DATES: 1/01/88-8/29/88. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/88-08/29/88	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	N		P
GS910583117412.021	44 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L857-L900. DATES: 8/29/88-12/30/88. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	08/29/88-12/30/88	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	N		P
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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS910583117412.025	549 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/80-1/2/81. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/80-01/02/81	SOUTHERN GREAT BASIN SEISMIC NETWORK	A	N	P
GS910583117412.026	546 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/81-1/2/82. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/81-01/02/82	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	N	P
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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
GS910583117412.031	521 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/86-1/1/87. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/86-01/01/87	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	N		P
GS910583117412.032	521 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/1/87-1/2/88. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/01/87-01/02/88	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	N		P
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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS910583117412.037	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. L1106B, DATES: APRIL 18, 1991-MAY 2, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	04/18/91-05/02/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	Y	P
GS910583117412.044	34 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L001-L032, L054-L059. DATES: 9/16/81-12/30/82. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	09/16/81-12/30/82	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	N	P
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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS910783117412.041	EARTHQUAKE DEVELOCORDER FILMS. DATES - JUNE 13, 1991 - JUNE 27, 1991, 21 BOXES. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	06/13/91-06/27/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	Y	P
GS910883117412.042	EARTHQUAKE DEVELOCORDER FILMS. 60 BOXES. DATES: JULY 3, 1991 - AUGUST 12, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	07/03/91-08/12/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	N	P
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

SITE CHARACTERIZATION PLAN BASELINE

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

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS911083117412.053	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR DATES AUGUST 29, THROUGH SEPTEMBER 17, 1991. NUMBERED L1138B-L1142B. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	08/29/91-09/17/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	Y	P
GS911183117412.054	EARTHQUAKE DEVELOCORDER FILM OF THE SOUTHERN GREAT BASIN FOR THE DATES OCTOBER 29 THROUGH NOVEMBER 14, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	10/29/91-11/14/91	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A	Y	P
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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS911283117412.058	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR DATES NOVEMBER 6 THROUGH NOVEMBER 26, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	11/06/91-11/26/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A	Y	P
GS911283117412.059	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN FOR DATES NOVEMBER 26 THROUGH DECEMBER 12, 1991. ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	11/26/91-12/12/91	SOUTHERN GREAT BASIN SEISMIC NETWORK	A	Y	P
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

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

SITE CHARACTERIZATION PLAN BASELINE

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

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920683117412.020	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: MAY 28 - JUNE 19, 1992 (33 BOXES) ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	05/28/92-06/19/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A	Y	P
GS920783117412.021	EARTHQUAKE DEVELOCORDER FILMS AND SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR EARTHQUAKES RECORDED BETWEEN JAN. 1, 1991 AND DEC. 31, 1991 ACQN/DEVL LOCATION : USGS	02/01/92-06/01/92	THIS IS EARTHQUAKE DATA FROM 1991 THAT WERE SELECTED OUT FROM TDIFS GOVERING A COMBINATION OF 1990-1991 OR 1991-1992 EARTHQUAKE DATA.	D	Y	P
GS920783117412.022	SEISMICITY AND FOCAL MECHANISMS FOR THE SOUTHERN GREAT BASIN OF NEVADA AND CALIFORNIA IN 1991. ACQN/DEVL LOCATION : USGS	02/01/92-06/01/92	METHODS OF ANALYSES AND EXTRAPOLATION ARE AS FOUND IN NWM-USGS TECHNICAL PROCEDURES: SP-01, PRELIMINARY EARTHQUAKE LOCATION PROCEDURE; SP-04, PRELIMINARY EARTHQUAKE MAGNITUDE DETERMINATION PROCEDURE; SP-06, PRELIMINARY DETERMINATION OF EARTHQUAKE FOCAL MECHANISM FROM P-WAVE POLARITIES AND SV/P AMPLITUDES; SP-11, OPERATION AND CALIBRATION OF REMOTE TELEMETERED SEISMIC ARRAY	D	Y	P
GS920783117412.023	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES JUNE 25-27, 1992, JUNE 29-JULY 17, 1992 ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	06/25/92-07/17/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
GS920783117412.024	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATED: 4/15/92 - 6/24/92 NUMBERED:L1188B - L1200B ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	04/15/92-06/24/92	ALL PRELIMINARY P-ARRIVALS, S-ARRIVALS, AND OTHER MEASUREMENTS WERE MADE USING THE COMPUTER PROGRAM PING.C VERSION 1.003, CID:YMP-USGS/GDD0012.02. THE PHASE ARRIVALS AND OTHER MEASUREMENTS ARE CONTAINED IN THE "PFILES", I.E., THE FILES HAVING NAMES ENDING IN THE LETTER "P".	A	Y	P
GS920783117412.025	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: JUNE 19-25, JUNE 27-29, 1992 ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	06/19/92-06/29/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A	Y	P
GS920883117412.026	SEISMIC AFTERSHOCK RECORDINGS OF THE LITTLE SKULL MOUNTAIN EARTHQUAKE OF JUNE 29, 1992 (M-5.6) ACQN/DEVL LOCATION : 36 43.1'N 116 16.35'W AREA 25 NTS AROUND EPICENTER COORDINATES GIVEN	06/30/92-07/14/92	DEPLOYMENT OF PORTABLE SEISMOGRAPHS	A	Y	P
GS920883117412.027	SEISMIC AFTERSHOCK RECORDINGS OF THE LITTLE SKULL MOUNTAIN EARTHQUAKE OF JUNE 29, 1992 (M-5.6) ACQN/DEVL LOCATION : AREA 25 NTS AROUND EPICENTER,36 43.1'N 116 16.35'W	06/30/92-07/14/92	DEPLOYMENT OF PORTABLE SEISMOGRAPHS	A	Y	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
GS920883117412.028	THE LITTLE SKULL MOUNTAIN EARTHQUAKE OF JUNE 29, 1992 - PRELIMINARY REPORT ACQN/DEVL LOCATION : UNRSL RENO USGS/BGRA	07/17/92-07/22/92	PRELIMINARY INTERPRETATION OF SEISMOLOGICAL DATA.	D	Y	C
GS920983117412.029	SEISMIC AFTERSHOCK RECORDINGS OF THE LITTLE SKULL MOUNTAIN EARTHQUAKE OF JUNE 29, 1992 (M=5.6) ACQN/DEVL LOCATION : AREA 25, NTS, AROUND EPICENTER,36 43.1N 116 16.35W	07/15/92-08/05/92	DEPLOYMENT OF PORTABLE SEISMOGRAPHS	A	Y	P
GS920983117412.032	SEISMICITY AND FOCAL MECHANISMS FOR THE SOUTHERN GREAT BASIN OF NEVADA AND CALIFORNIA: 1987 THROUGH 1989 BY S.C. HARMSEN AND C.G.BUFE ACQN/DEVL LOCATION : USGS/BGRA	01/01/90-02/13/91	FOCAL MECHANISMS FROM THIRTY-ONE SGB EARTHQUAKES ARE PRESENTED IN THIS REPORT. PRELIMINARY HYPOCENTER LISTINGS AND SEISMICITY DATA ANALYSIS FROM DATA COLLECTED BY THE SGBSN FOR THE PERIOD AUGUST 1978 THROUGH DECEMBER 1986 ARE PRESENTED IN ROGERS AND OTHERS (1987) AND HARMSEN AND ROGERS (1987). THIS REPORT IS AN ADDENDUM/UPDATE TO THOSE REPORTS.	D	N	P
*GS920983117412.033	EARTHQUAKE DEVELOCORDER FILMS OF THE SOUTHERN GREAT BASIN. DATES: SEPT. 3 - SEPT. 15, 1992 ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	09/03/92-09/15/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A	Y	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
*GS920983117412.034	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES. DATED: JULY 1992 - SEPT. 1992, NUMBERED L1218B - L1234B ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	07/01/92-09/25/92	ALL PRELIMINARY P-ARRIVALS, S-ARRIVALS AND OTHER MEASUREMENTS WERE MADE USING THE COMPUTER PROGRAM PING.C VERSION 1.003, CID:YMP-USGS/GDD0012.02. THE PHASE ARRIVALS AND OTHER MEASUREMENTS ARE CONTAINED IN THE "P FILES", I.E. THE FILES HAVING NAMES ENDING IN THE LETTER "P".	A	Y	P
Activity - 8.3.1.17.4.2.1						
GS900983117421.001	STRATIGRAPHIC AND VOLCANO-TECTONIC RELATIONS OF CRATER FLAT TUFF AND SOME OLDER VOLCANIC UNITS, NYE COUNTY, NEVADA. ACQN/DEVL LOCATION : CRATER FLAT, NTS	01/01/78-12/31/82	USGS STANDARD COLLECTION METHODS.	D	N	C
GS900983117421.002	PRELIMINARY ANALYSIS OF GEOPHYSICAL LOGS FROM DRILL HOLE UE-25P#1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA. ACQN/DEVL LOCATION : UE-25P-1	01/01/83-12/31/83	USGS STANDARD COLLECTION METHOD.	D	N	C
GS900983117421.003	THIS REPORT SUMMARIZES A RECONNAISSANCE STUDY OF LATE CENOZOIC FAULTING IN THE VICINITY OF YUCCA MOUNTAIN. DATA AND PRELIMINARY CONCLUSIONS ARE PRESENTED. ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD COLLECTION METHOD.	D	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
SNF12000000001.000	PRELIMINARY MAPPING OF SURFICIAL GEOLOGY OF MIDWAY VALLEY, YUCCA MOUNTAIN PROJECT, NYE COUNTY, NEVADA ACQN/DEVL LOCATION : MIDWAY VALLEY, NYE COUNTY, NV	05/01/89-07/31/91	EXPERIMENT PROCEDURE (EP) 0001, REVISION B: GEOLOGIC SURFACE MAPPING NEAR THE PROSPECTIVE SURFACE FACILITIES	A	N	C
*SNF27091592001.001	FRACTURE AND FAULT LOG DESCRIPTIONS FOR DRILL HOLES AT YUCCA MOUNTAIN. ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NV (AREA 25)	11/16/89-09/20/90	VISUAL EXAMINATION OF DRILL HOLE CORES.	A	N	P
Activity - 8.3.1.17.4.3						
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.3.1						
GS910983117431.002	LINEAMENTS STUDIES FOR QUATERNARY AND LATE TERTIARY DEPOSITS. ACQN/DEVL LOCATION : WALKER LAKE	03/01/87-03/31/87	USGS STANDARD COLLECTION METHOD.	A	N	C
GS911083117431.001	RECONNAISSANCE FIELD CHECKING OF INTERPRETATIONS OF AERIAL PHOTOGRAPHS FOR THE PURPOSE OF SCOPING STUDIES. ACQN/DEVL LOCATION : 36 30'N 116 30'W ;38 00'N 117 00'W 38 00'N 118 15'W ;36 30'N 117 00'W	03/16/87-03/28/87	USGS-GP-01	A	N	P
GS911283117431.003	ORIGINAL DATA FILES WITH GAPS AND SOME INCORRECT LOCATIONS. ALSO DATA FILES WITH GAPS FILLED IN AND ERRORS CORRECTED FOR AEROMAGNETIC SURVEY OF LATHROP WELLS AREA. ACQN/DEVL LOCATION : 37 00'N 116 45'W ;36 15'N 116 05'W	06/01/78-06/30/78	USGS STANDARD COLLECTION METHODS	A	N	C
GS920883117431.001	AERIAL PHOTOGRAPHIC INTERPRETATION OF LINEAMENTS AND FAULTS IN LATE CENOZOIC DEPOSITS IN THE EASTERN PART OF THE BENTON RANGE 1:100,000 QUADRANGLE AND THE GOLDFIELD, LAST CHANCE RANGE, BEATTY AND DEATH VALLEY JUNCTION 1:100,000 QUADRANGLES, NEVADA AND CALIFORNIA BY MARITH C. REHEIS AND JAY S. NOLLER ACQN/DEVL LOCATION : USGS, DENVER	01/01/88-05/25/89	THIS REPORT SUMMARIZES THE EXISTING KNOWLEDGE ABOUT THE LINEAMENTS AND FAULTS BASED ON EXTENSIVE AERIAL-PHOTO INTERPRETATION, LIMITED FIELD INVESTIGATIONS, AND PUBLISHED GEOLOGIC MAPS.	D	N	P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.3.5						
GS900983117435.001	DATA ON THREE MAJOR STRUCTURAL-PHYSIOGRAPHIC SUBSECTIONS OF THE YUCCA MOUNTAIN AREA. ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA, NTS	01/01/77-12/31/83	USGS STANDARD COLLECTION METHODS.	D	N	C
Activity - 8.3.1.17.4.4						
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C

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

SITE CHARACTERIZATION PLAN BASELINE

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

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.7						
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C
Activity - 8.3.1.17.4.7.1						
GS900983117471.001	AN EVALUATION OF SEISMIC REFLECTION IN THE YUCCA MOUNTAIN AREA, NEVADA TEST SITE. ACQN/DEVL LOCATION : USGS	01/01/72-12/31/82	MULTIFOLD CDP RECORDINGS.	D	N	C
GS910683117471.002	PRIMARY FIELD DATA FOR TELESEISMIC TOMOGRAPHY OF THE YUCCA MOUNTAIN AREA AND SOUTHERN NEVADA. 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	01/01/82-12/31/82	SP-07	A	N	P

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	ACQN/DEVL LOCATION : MENLO PARK LABS, USGS.					
GS911083117471.007	"DISTAZRES" PROGRAM (SOFTWARE) INPUT AND OUTPUT - CALCULATION OF RELATIVE RESIDUALS. ALSO, STATISTICS AND DEBUGGING OF THESE DATA ("RSTATS" AND "RST" SOFTWARE OUTPUTS) AND DR-100 CLOCK CALIBRATION DATA AND COMPUTATIONS. 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: VOLCANICS 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	C

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : CHARLESTON PEAK AND INDIAN SPRINGS, NEVADA	01/01/79-12/31/79	USGS STANDARD COLLECTION METHODS.	D	N	C
GS900983117472.002	A TOTAL OF 211 RECENTLY ESTABLISHED GRAVITY STATIONS SUPPLEMENT 128 EXISTING STATIONS IN PROVIDING DATA FOR A DETAILED GRAVITY INTERPRETATION OF THE CALICO HILLS AREA OF THE NEVADA TEST SITE. ACQN/DEVL LOCATION : CALICO HILLS, NTS	01/01/79-12/31/79	USGS STANDARD COLLECTION METHODS.	D	N	C
GS900983117472.003	EXPLORATION FOR A NUCLEAR WASTE REPOSITORY RESULTED IN THE ADDITION OF 423 NEW GRAVITY STATIONS TO THE 934 EXISTING STATIONS TO FORM THE DATA BASE FOR THIS STUDY. PRELIMINARY RESULTS OF GRAVITY INVESTIGATIONS AT YUCCA MOUNTAIN, AND VICINITY, SOUTHERN NYE COUNTY, NEVADA. ACQN/DEVL LOCATION : 36 35'N 116 48'W 37 00'N 116 18'W	01/01/79-12/31/81	USGS STANDARD COLLECTION METHODS.	D	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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	TDIF TYPE	QUALIFIED	LOCATION
GS900983117473.001	INVESTIGATION OF AN AEROMAGNETIC ANOMALY ON WEST SIDE OF YUCCA MOUNTAIN, NYE COUNTY, NEVADA. ACQN/DEVL LOCATION : WEST SIDE OF YUCCA MOUNTAIN, NTS	01/01/82-12/31/83	USGS STANDARD COLLECTION METHODS.	D	N	C
Activity - 8.3.1.17.4.7.5						
GS900983117475.001	OBSERVATIONS MADE DURING DRILLING AND SUBSEQUENT TESTING OF THE USW G-1 DRILL HOLE, YUCCA MOUNTAIN, NEVADA, PROVIDE QUALITATIVE INSIGHTS INTO THE IN-SITU GEOMECHANICAL CHARACTERISTICS OF THE LAYERED TUFF UNITS PENETRATED BY THE HOLE. ACQN/DEVL LOCATION : 36 52'N 116 27'30"W	12/01/81-12/31/81	HYDRAULIC FRACTURING STRESS MEASUREMENTS TESTING.	D	N	C
GS900983117475.002	PRELIMINARY ANALYSIS OF GEOPHYSICAL LOGS FROM THE WT SERIES OF DRILL HOLES, YUCCA MOUNTAIN, NYE COUNTY, NEVADA. ACQN/DEVL LOCATION : WT SERIES DRILL HOLES, NTS	01/01/83-12/31/84	USGS STANDARD COLLECTION METHODS.	D	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.8						
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C
Activity - 8.3.1.17.4.8.2						
GS900983117482.001	COMPARISON OF SURVEY AND PHOTOGRAMMETRY METHODS TO POSITION GRAVITY DATA, YUCCA MOUNTAIN, NEVADA. ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA,NTS	01/01/83-12/31/85	USGS STANDARD COLLECTION METHODS.	D	N	C
Activity - 8.3.1.17.4.9						
GS900908314211.007	A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING ACQN/DEVL LOCATION : USGS YUCCA MOUNTAIN AREA, NTS	01/01/78-12/31/83	USGS STANDARD METHODS.	D	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : USGS	01/01/77-12/31/78	USGS STANDARD COLLECTION METHODS.	D	N	T
Activity - 8.3.1.17.4.10.3						
**GS920931174103.002	GEODETIC LEVELING DATA USED TO DEFINE HISTORICAL HEIGHT CHANGES BETWEEN TONOPAH JUNCTION AND LAS VEGAS, NEVADA BY THOMAS D. GILMORE ACQN/DEVL LOCATION : USGS, MENLO PARK	01/01/87-08/03/92	PROFILE HISTORICAL HEIGHT CHANGES BASED ON COMPARISONS OF REPEATED GEODETIC LEVELINGS ALONG THE SURVEY ROUTE. STANDARD USGS METHODOLOGY. COMPUTER PROGRAMS PROCESSED VERTICAL CONTROL DATA FROM TWO SOURCES: DIGITAL FILES FROM THE NATIONAL GEODETIC SURVEY AND HANDWRITTEN SUMMARY BOOKS FROM U.S. GEOLOGICAL SURVEY NATIONAL MAPPING DIVISION ARCHIVES.	D	N	P
**GS920931174103.003	GEODETIC EVIDENCE FOR VERTICAL TECTONIC MOVEMENT DURING THE TWENTIETH CENTURY IN THE CRATER FLAT/YUCCA MOUNTAIN AREA, SOUTHERN NEVADA BY T.D. GILMORE AND M.D. CARR ACQN/DEVL LOCATION : USGS, MENLO PARK	12/31/85-11/22/89	DATA FROM 1907, 1915, AND 1980-1985 BENCH MARKS WERE COMPARED TO CREATE THIS REPORT AS A PARTIAL TEST OF THE HYPOTHESIS THAT AN ACTIVE STRUCTURAL TROUGH EXTENDS SOUTHWARD.	D	N	P

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

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.1.17.4.12.1						
GS910931174121.001	GEOLOGIC MAP OF THE BARE MOUNTAIN, NYE COUNTY, NEVADA QUADRANGLE. ACQN/DEVL LOCATION : BARE MOUNTAIN, NEVADA.	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
Activity - 8.3.2.4.1.1						
*SNF05110184001.001	G-TUNNEL MINING EVALUATION OF WELDED TUFF TO REPOSITORY SCALE EXCAVATIONS FOR MODEL EVALUATIONS; INSTRUMENT PLACEMENT AND MEASUREMENT TECHNIQUES DURING MINING ACTIVITIES; AND MINING AND DRIFT STABILIZING TECHNIQUES TO SERVE AS PROTOTYPE FOR ES TESTING. ACQN/DEVL LOCATION : G-TUNNEL, YUCCA MOUNTAIN, NEVADA	09/17/82-04/29/88	KEYSTONE 6310-85-7: G-TUNNEL WELDED TUFF MINING EVALUATIONS, DATED 10/29/85	A	N	P
*SNL02021391002.001	DIRECT SHEAR TEST WITH DIFFERENT BOUNDARY CONDITIONS. NORMAL COMPRESSION AND SHEAR TESTS. ACQN/DEVL LOCATION : UNIVERSITY OF COLORADO AT BOULDER	04/17/91-06/19/92	EP-44, "NORMAL COMPRESSION AND SHEAR TESTS ON ROCK JOINTS."	A	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
Activity - 8.3.5.4.1.1						
LLLLYMP9107104.000	SPENT FUEL HARDWARE ACTIVITIES AS A FUNCTION OF TIME (TO 1,000,000 YEARS) ACQN/DEVL LOCATION : PNL	10/01/89-09/30/90	CALCULATIONAL.	D	N	C
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. ACQN/DEVL LOCATION : LLNL	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
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. ACQN/DEVL LOCATION : LLNL	05/01/87-06/30/90	LABORATORY MEASUREMENTS OF STEADY STATE CONCENTRATIONS.	D	N	C
LLLLYMP9110169.000	RATE OF GRAIN VOLUME FRONT PROPAGATION UO(2) TO U(4)O(9) AND ACTIVATION ENERGY FOR THIS RATE. ACQN/DEVL LOCATION : PNL	10/01/90-09/30/91	OPTICAL AND SCANNING ELECTRON MICROSCOPY(SEM).	D	Y	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	DIF	QUALIFIED	LOCATION
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. ACQN/DEVL LOCATION : LLNL	02/01/84-09/01/91	THE NUCLEAR WASTE GLASS IS CONTACTED EVERY 3.5 DAYS BY 0.075 DROPS AT J-13 WELL WATER THAT WAS PRE-EQUILIBRATED WITH TONOPAH SPRINGS TUFF AT 90 C. THE DRIP TEST IS ALSO PERFORMED AT 90 C. ELEMENTAL RELEASE FROM THE GLASS (REPORTED HERE) IS DETERMINED BY CHEMICAL ANALYSES AT THE WATER THAT HAS CONTACTED THE GLASS. THE SURFACE ALTERATION PRECIPITATES ARE CHARACTERIZED BY SEVERAL METHODS INCLUDING SCANNING AND ANALYTICAL ELECTRON MICROSCOPY.	A	Y	C
Activity - 8.3.5.10.3.2							
LLLLYMP9103103.000	LIST OF SPECIES IN AND FORMAT OF THE EQ3/6 (GEMBOCHS) DATA BASE (A PART OF THE YMP TDB). ACQN/DEVL LOCATION : LLNL	01/01/82-02/28/91	LIST OF CHEMICAL SPECIES IN THE EQ3/6 DATABASE AND THEIR FORMAT.	D	Y	C	

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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).	A	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	TYPE	QUALIFIED	LOCATION
SNL19000000003.000	"SUBMITTAL OF LOGBOOK FOR POINT SOURCE MILLER SCALING EXPERIMENTS," WITH COVER LETTER. ACQN/DEVL LOCATION : SNL	04/19/90-06/29/90	POINT SOURCE MILLER SCALING EXPERIMENTS: LOGBOOK PAGE 1 (51/L19-1/15/90).	A	N	P
Activity - 8.3.5.12.2.1.1						
*SNL05110584001.001	DETERMINATION OF SATURATED PERMEABILITIES FROM USW G-1, USW GU-3, AND USW G-4 SAMPLES IN SUPPORT OF HYDROLOGIC PROPERTY VARIABILITY INVESTIGATIONS. ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	08/05/80-09/01/85	MEASUREMENTS WERE MADE ON TUFF SAMPLES OBTAINED FROM DRILL HOLES AT YUCCA MOUNTAIN. TESTS WERE CONDUCTED ON SAMPLES WITH A RANGE IN VOLUME FROM 2 TO 40 CUBIC METERS. DATA WAS COLLECTED USING A RUSKA LIQUID PERMEAMETER AND SC-10 PSYCHROMETER. (SEE LOGBOOK 4042 PG1 FOR MORE DETAIL)	A	N	C
*SNL07110584001.001	DETERMINATION OF WATER RETENTION CHARACTERISTICS FROM USW G-1, USW GU-3, AND USW G-4 IN SUPPORT OF HYDROLOGIC PROPERTY VARIABILITY INVESTIGATIONS. ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY	08/05/80-09/01/85	MEASUREMENTS WERE MADE ON TUFF SAMPLES OBTAINED FROM DRILL HOLES AT YUCCA MOUNTAIN. TESTS WERE CONDUCTED ON SAMPLES WITH A RANGE IN VOLUME FROM 2 TO 40 CUBIC METERS. DATA WAS COLLECTED USING A RUSKA LIQUID PERMEAMETER AND SC-10 PSYCHROMETER. (SEE LOGBOOK 4042 PG1 FOR MORE DETAIL)	A	N	C
SNL19000000004.000	TITLE/DESCRIPTION OF DATA: EVALUATION OF X-RAY ABSORPTION AND TRANSMITTED LIGHT AS FULL-FIELD, TWO-DIMENSIONAL MOISTURE-SENSING TECHNIQUES. EXPERIMENTS CONDUCTED BY V.C. TIDWELL AND R.J. GLASS; ASSISTED BY L. OREAR AND C.W. GINN. EXPERIMENT TITLES: 1) CALIB: GENERAL EXPERIMENT PROCEDURE, COMPILIATION OF COMPUTER CODES FOR DATA ACQUISITION-DATA ADJUSTMENT, SCALING, AND ANALYSIS; 2) CALIB 1: DATA FOR THE 0.42 - 0.30 MM SAND; 3) CALIB 2: DATA	05/05/91-08/31/91	IN BOTH THE X-RAY AND LIGHT TECHNIQUES, ELECTROMAGNETIC ENERGY IN THE FORM OF EITHER X-RAYS OR VISIBLE LIGHT IS PASSED THROUGH THE TEST MEDIA, AND THE MOISTURE-CONTENT DISTRIBUTION INTEGRATED OVER THE MEDIA'S THICKNESS IS MEASURED AS VARIATIONS IN THE TRANSMITTED X-RAY OR LIGHT INTENSITY FIELD.	A	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
	FOR THE 0.42 - 0.32 MM SAND; 4) CALIB 3: DATA FOR THE 0.59 - 0.21 MM SAND; 5) CALIB 4: DATA FOR THE 0.84 - 0.149 MM SAND. ACQN/DEVL LOCATION : SNL					
*SNL19011590001.001	LOGBOOK FOR FULL FIELD INSTABILITY IN UNSATURATED FRACTURE EXPERIMENT ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM	11/10/91-06/10/92	AN EXPERIMENTAL APPARATUS COMPOSED OF A ROTATING TEST STAND (RTS), FRACTURE TEST CELL, AND TRANSMITTED-LIGHT VISUALIZATION SYSTEM WAS DESIGNED TO FACILITATE OBSERVATION OF WETTING-FRONT ADVANCE IN TRANSPARENT ANALOGUE FRACTURES. DATA IS ACQUIRED BY A CHARGE-COUPLED-DEVICE (CCD) VIDEO CAMERA ATTACHED TO THE SUPERSTRUCTURE OF THE RTS AND FOCUSED ON THE FRACTURE PLANE. (SEE LOGBOOK PAGE 2 FOR A MORE DETAILED DESCRIPTION).	A	N	C
*SNL19011590001.002	SCOPING STUDIES: GAS PERMEAMETER LABORATORY DATA ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM	10/15/91-11/22/91	A GAS PERMEAMETER HAS BEEN BUILD THAT ALLOWS RAPID, PRECISE MEASUREMENT OF ROCK PERMEABILITY AT SCALES SPANNING FOUR ORDER OF MAGNITUDE ON A PER-VOLUME BASIS. THE PERMEAMETER CONSISTS OF A SERIES OF VALVED FLOW METERS AND A PRESSURE GAUGE WHICH ARE CONNECTED TO A SOURCE OF NITROGEN. A SPECIALLY ADAPTED NOZZLE, THE DIAMETER OF WHICH DEFINES THE SCALE OF MEASUREMENT, IS USED TO ESTABLISH A KNOWN BOUNDARY CONDITION ON THE ROCK SURFACE. DATA WAS COLLECTED FROM A SLAB OF DENSELY WELDED VOLCANIC TUFF MEASURING 0.9M BY 0.9M BY 2.5CM (SEE STANDARD OPERATING PROCEDURE FOR LABORATORY GAS PERMEAMETER TESTING, PG 1 OF SCOPING STUDY FOR GAS PERMEAMETER LABORATORY DATA).	A	N	C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
*SNSAND87238000.000	HYDRAULIC CONDUCTIVITY, BULK DENSITY, WATER RETENTION, AND CURVE FIT PARAMETER DATA. SAND87-2380: "STATISTICAL ANALYSIS OF HYDROLOGIC DATA FOR YUCCA MOUNTAIN"	08/21/82-12/01/87	THE DATA ANALYZED IN THIS REPORT CONSIST OF MEASUREMENTS MADE ON TUFF SAMPLES OBTAINED FROM CORES TAKEN FROM THREE DRILL HOLES AT YUCCA MOUNTAIN. THE CYLINDRICAL CORES WERE ABOUT 6 CM IN DIAMETER AND 6 TO 20 CM LONG. SAMPLES WERE TAKEN FROM EACH OF THE FUNCTIONAL UNITS WITHIN EACH DRILL HOLE, AT VARIOUS DEPTHS WITHIN EACH UNIT, USUALLY 10 M OR MORE APART. STATISTICAL ANALYSES WERE MADE FROM FOUR HYDRAULIC VARIABLES: SATURATED-MATRIX HYDRAULIC CONDUCTIVITY; MAXIMUM MOISTURE CONTENT; SUCTION HEAD; AND GROUNDWATER TRAVEL TIME.	D	N	P
	ACQN/DEVL LOCATION : SANDIA NATIONAL LABORATORIES, ALBUQUERQUE, NM					
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).	A	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					

SITE CHARACTERIZATION PLAN BASELINE

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

SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
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 ONE-DIMENSIONAL COMPRESSION OF ROCK CORES. ACQN/DEVL LOCATION : CRYSTAL RESEARCH LABS, LANDER,WY HUFFMAN LABS, GOLDEN, CO ROCKY MTN. ANALYTICAL LAB/ENSECO, ARVADA, CO SURTEK INC., GOLDEN, CO USGS, DENVER	01/18/88-09/05/91	HP-125,R0, METHOD FOR EXTRACTION OF PORE WATER FROM TUFF CORES BY TRIAXIAL COMPRESSION, HP-223,R0, METHOD FOR PORE-WATER EXTRACTION USING ONE-DIMENSIONAL COMPRESSION, AND HP-160, R0, METHODS FOR COLLECTION AND ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY, WERE USED TO COLLECT DATA AS WELL AS SOME PROCEDURES WHICH ARE BEING DEVELOPED. PORE WATER AND GASES EXTRACTED FROM TUFF SAMPLES WERE ANALYZED. WATER ANALYSES INCLUDED DETERMINATION OF CALCIUM, MAGNESIUM, SODIUM, POTASSIUM, BICARBONATE, CHLORIDE, SULFATE, SILICA, NITRATE, PH, AND SPECIFIC CONDUCTANCE USING ION CHROMATOGRAPHY, ATOMIC ABSORPTION, AND COLORIMETRIC METHODS. GAS ANALYSES WERE PERFORMED FOR C02, METHANE, AND SULFUR HEXAFLOURIDE DETERMINATIONS.	A	N	P

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	IF TYPE	ALIFIED	LOCATION
*GS920912331210.002	A PRELIMINARY STUDY OF THE CHEMISTRY OF PORE WATER EXTRACTED FROM TUFF BY ONE-DIMENSIONAL COMPRESSION BY C.A. PETERS, I.C. YANG, J.D. HIGGINS, AND P.A. BURGER ACQN/DEVL LOCATION : USGS, DFC, DENVER	07/01/91-07/01/92	WATEQF, FREELANCE AND MINITAB COMPUTER PROGRAMS WERE USED TO DETERMINE GEOCHEMICAL SATURATION STATES, PRODUCE GRAPHS AND ANALYZE DATA STATISTICALLY, RESPECTIVELY.	D	N	P
SNF04000000001.000	G-TUNNEL PRESSURIZED SLOT-TESTING DATA ACQN/DEVL LOCATION : G-TUNNEL UNDER GROUND FACILITY, NTS	12/09/85-04/29/88	TEST PLAN: G-TUNNEL PRESSURIZED SLOT TESTING; FEBRUARY 1986; SNL KEYSTONE DOCUMENT 6310-85-6	A	N	C
SNF20000000001.000	MISTY ECHO TUNNEL DYNAMICS EXPERIMENT DATA REPORT VOLUME I, VOLUME II ACQN/DEVL LOCATION : "N" TUNNEL, NTS	12/10/88-12/10/88	DATA WAS ACQUIRED BY VARIOUS GEOTECHNICAL MEASUREMENT METHODS, AND BY RECORDING VISUAL IMAGES ON HIGH SPEED CAMERAS. SEE SAND89-0972 FOR DETAILED DESCRIPTION	A	N	C
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

SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
SNL02000000003.000	LINEAR CUTTING TEST RESULTS FOR CUTTER A30581. ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A	N	C
SNL02000000004.000	LINEAR CUTTING TEST RESULTS FOR CUTTER SYS35. ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR TEST CUTTING/COLLECT METHOD MANUAL AND ELECTRONIC	A	N	C
SNL02000000005.000	LINEAR CUTTING TEST SIEVE ANALYSIS RESULTS FOR CUTTER 84HCT ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANIC INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A	N	C
SNL02000000006.000	LINEAR CUTTING TEST FOR SIEVE ANALYSIS RESULTS FOR CUTTER AM1723 ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A	N	C
SNL02000000007.000	LINEAR CUTTING TEST SIEVE ANALYSIS RESULTS FOR CUTTER A30581 ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	07/19/91-09/30/91	EARTH MECHANICS INSTITUTE LINEAR CUTTING TEST/COLLECT METHOD MANUAL AND ELECTRONIC	A	N	C

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	DATA TYPE	QUALIFIED	ACQUISITION
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					
SNL02000000009.000	LINEAR CUTTER MACHINE LABORATORY LOGBOOKS (3)	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					
SNL05000000002.000	DETERMINATION OF MATRIX SATURATED CONDUCTIVITIES AND FRACTURE SATURATED PERMEABILITIES IN SUPPORT OF HYDROLOGY CALCULATIONS	09/20/83-01/04/84	DATA COLLECTED USING A RUSKA LIQUID PERMEAMETER	A	N	C
	ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY					
SNL05000000003.000	MEASUREMENTS OF SATURATED HYDRAULIC CONDUCTIVITIES FROM USW G-1, USW G-4 AND BUSTED BUTTE SAMPLES IN SUPPORT OF HYDROLOGIC CALCULATIONS AND TO DETERMINE PERMEABILITY VARIATION	09/01/84-09/30/84	DATA WAS COLLECTED USING A RUSK LIQUID PERMEAMETER AND A SAMPLE CHANGER (SC-10) PSYCHROMETER	A	N	C
	ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY					
SNL05000000004.000	DETERMINATION OF SATURATED MATRIX PERMEABILITY IN SUPPORT OF HYDROLOGIC CALCULATIONS DATA USED FOR PRELIMINARY ESTIMATION OF HYDROLOGY OF UNITS ABOVE THE WATER TABLE	07/05/83-07/05/83	PERMEABILITY MEASUREMENTS WERE CONDUCTED ON WAFERS 3/4" (1.9CM) THICK - 2 1/8" (5.4CM) DIAMETER. THE SAMPLE WAS PLACED BETWEEN 2 METAL END CAPS AND JACKETED WITH SILICION RUBBER AND TEFLON TUBING. THE SAMPLE WAS THEN VACUUM SATURATED WITH WATER PROVIDED BY SANDIA AND THEN SATURATED SAMPLE WAS PLACED IN A PRESSURE VESSEL.	A	N	C
	ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY					

SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TYPE	QUALIFIED	LOCATION
SNL07000000002.000	DETERMINATION OF WATER CHARACTERISTICS OF MATRIX FROM G-1 AND BUSTED BUTTE IN SUPPORT OF UNSATURATED HYDROLOGIC CALCULATIONS AND TO INVESTIGATE EXPERIMENTAL SATURATION PROCEDURES	09/01/84-09/30/84	DATA COLLECTED USING A RUSKA LIQUID PERMEAMETER AND SC-10 PSYCHROMETER	A	N	C
	ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORY					
*SNSAND84147100.000	SATURATED HYDROLOGIC CONDUCTIVITY DATA FOR DRILL HOLES USW GU-3 AND USW G-4 FROM APPENDIX A TABLES IN SAND84-1471, "FRACTURE AND MATRIX HYDROLOGIC CHARACTERISTICS OF TUFFACEOUS MATERIALS FROM YUCCA MOUNTAIN, NYE COUNTY, NEVADA."	06/30/82-12/31/84	TUFFACEOUS CORE MATERIALS TAKEN FROM DRILL HOLES USW GU-3 AND USW G-4 AT YUCCA MOUNTAIN, NEVADA TEST SITE. DEVELOPED DATA WAS TAKEN FROM TEST'S THAT WERE RUN ON CYLINDERS 1.4 BY 1.2 CM (DIAMETER BY LENGTH) THAT WERE SUBCORED FROM THE ORIGINAL CORE SAMPLES. WATER SOLUTION USED IN TESTING THE HYDRAULIC PROPERTIES WAS OF LOW IONIC STRENGTH AND HAD A COMPOSITION SIMILAR TO THE GROUND WATER NEAR THE TEST WELL.	D	N	P
	ACQN/DEVL LOCATION : PACIFIC NORTHWEST LABORATORIES SANDIA NATIONAL LABORATORIES					
*TMUSWG20000091.001	BOREHOLE LOGGING (1991) USW G-2 AT YUCCA MOUNTAIN NEVADA. LOGGER'S LOG.	01/03/91-01/21/91	A DIVERSE GEOPHYSICAL LOGGING PROGRAM WAS CONDUCTED IN BOREHOLE USW G-2 AT YUCCA MOUNTAIN, NEVADA. THE PURPOSE OF THE OPERATION WAS TO COLLECT A VARIETY OF DENSITY LOG DATA IN SUPPORT OF A USGS CALIBRATION STUDY AND TO COLLECT GEOCHEMICAL LOGGING DATA TO SUPPORT YMPO EVALUATION OF THE NEW GEOCHEMICAL LOGGING DEVICES.	A	N	P
	ACQN/DEVL LOCATION : WELL # USW G-2 LOCATION AREA 25					

SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	IF TYPE	ALIFIED	LOCATION
Activity - 8.3.1.2.2.4.8						
*GS920908312271.009	A PRELIMINARY STUDY OF THE CHEMISTRY OF PORE WATER EXTRACTED FROM TUFF BY ONE-DIMENSIONAL COMPRESSION	07/01/91-07/01/92	WATEQF, FREELANCE AND MINITAB COMPUTER PROGRAMS WERE USED TO DETERMINE GEOCHEMICAL SATURATION STATES, PRODUCE GRAPHS AND ANALYZE DATA STATISTICALLY, RESPECTIVELY.	D	N	P
	ACQN/DEVL LOCATION : USGS, DENVER					

SOCIOECONOMIC PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*TM00012561T1AB.006	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, OCTOBER 1990 THROUGH DECEMBER 1990 ACQN/DEVL LOCATION : T&MSS	10/01/90-12/31/90	MONITORING OF PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 1 OF THE SMMP	A	N	C
*TM00012561T1AB.007	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, JANUARY 1991 THROUGH MARCH 1991 ACQN/DEVL LOCATION : T&MSS	01/01/91-03/31/91	MONITORING OF PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 1 OF THE SMMP	A	N	C
*TM00012561T1AB.008	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, APRIL 1991 THROUGH JUNE 1991 ACQN/DEVL LOCATION : T&MSS	04/01/91-06/30/91	MONITORING OF PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SP	A	N	C
**TM00012561T1BA.005	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	P

SOCIOECONOMIC PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	IF TYPE	FLIED	OCATION
**TM00012561T1BB.001	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	P
**TM00012561T1BB.002	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	P
**TM00012561T1BB.003	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	P
**TM00012561T1BB.004	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	P
**TM00012561T1BB.005	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	P

SOCIOECONOMIC PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	TDIF TYPE	QUALIFIED	LOCATION
*TM00012561T1BB.009	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, JULY 1991 THROUGH SEPTEMBER 1991 ACQN/DEVL LOCATION : T&MSS	07/01/91-09/30/91	MONITORING OF PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SP	A	Y	C
*TM00012561T1BB.010	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, OCTOBER 1991 THROUGH DECEMBER 1991 ACQN/DEVL LOCATION : T&MSS	10/01/91-12/31/91	MONITORING OF PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SP	A	Y	C
*TM00012561T1BB.011	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, JANUARY 1992 THROUGH MARCH 1992 ACQN/DEVL LOCATION : T&MSS	01/01/92-03/31/92	MONITORING OF PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SP	A	Y	C
*TM00012561T1BB.012	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, APRIL 1992 THROUGH JUNE 1992 ACQN/DEVL LOCATION : T&MSS	04/01/92-06/30/92	MONITORING OF PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SP	A	Y	C

SOCIOECONOMIC PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	IF TYPE	ALIFIED	LOCATION
*TM00121361T1DB.001	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, JULY 1992 THROUGH SEPTEMBER 1992 ACQN/DEVL LOCATION : T&MSS	07/01/92-09/30/92	MONITORING OF YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SP	A	Y	C

APPENDIX A

SITE CHARACTERIZATION PROGRAM BASELINE ACTIVITY NUMBERS AND NAMES

ACTIVITY NO.	ACTIVITY NAME
8.3.1.2.1.1.1	Precipitation and meteorological monitoring
8.3.1.2.1.2.1	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
8.3.1.2.2.4.2	Percolation tests in the Exploratory Studies Facility
8.3.1.2.2.4.8	Hydrochemistry tests in the Exploratory Studies Facility
8.3.1.2.2.4.9	Multipurpose-borehole testing
8.3.1.2.2.6.1	Gaseous-phase circulation study
8.3.1.2.2.7.1	Gaseous - phase chemical investigations

ACTIVITY NO.	ACTIVITY NAME
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
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
8.3.1.2.3.3.1	Conceptualization of saturated-zone flow models within the boundaries of the accessible environment
8.3.1.3.2.1.2	Mineral distributions between the host rock and the accessible environment
8.3.1.3.2.1.3	Fracture mineralogy
8.3.1.3.2.2.1	History of mineralogic and geochemical alteration of Yucca Mountain
8.3.1.3.2.3.2	Smectite, zeolite, manganese minerals, glass dehydration, and transformation
8.3.1.3.4.2	Biological sorption and transport
8.3.1.3.5.1.1	Solubility measurements
8.3.1.3.6.1.1	Crushed tuff column experiments
8.3.1.3.6.2.2	Diffusion through a saturated tuff slab

ACTIVITY NO.	ACTIVITY NAME
8.3.1.4.2.1.1	Surface and subsurface stratigraphic studies of the host rock and surrounding units
8.3.1.4.2.1.2	Surface-based geophysical surveys
8.3.1.4.2.1.3	Borehole geophysical surveys
8.3.1.4.2.1.5	Magnetic properties and stratigraphic correlations
8.3.1.4.2.1.6	Integration of geophysical activities
8.3.1.4.2.2.1	Geologic mapping of zonal features in the Paintbrush Tuff
8.3.1.4.2.2.2	Surface - fracture network studies
8.3.1.4.2.2.3	Borehole evaluation of faults and fractures
8.3.1.4.2.2.5	Seismic tomography/vertical seismic profiling
8.3.1.4.2.3.1	Development of a three-dimensional geologic model of the site area
8.3.1.5.1.1.1	Synoptic characterization of regional climate
8.3.1.5.1.2.2	Analysis of the stratigraphy-sedimentology of marsh lacustrine, and playa deposits
8.3.1.5.1.3.1	Analysis of pack rat middens
8.3.1.5.1.3.3	Determination of vegetation-climate relationships
8.3.1.5.1.4.1	Modeling of soil properties in the Yucca Mountain region
8.3.1.5.1.4.3	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

ACTIVITY NO.	ACTIVITY NAME
8.3.1.6.1.1.1	Development of a geomorphic map of Yucca Mountain
8.3.1.6.1.1.2	Analysis of the downcutting history of Fortymile Wash and its tributaries
8.3.1.6.1.1.3	An analysis of hillslope erosion at Yucca Mountain
8.3.1.6.2.1.1	Synthesis and data evaluation of impact of future climatic conditions on locations and rates of erosion
8.3.1.6.3.1.1	Synthesis and data evaluation of the impact of future uplift or subsidence and faulting on erosion at Yucca Mountain and vicinity
8.3.1.8.5.1.3	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
8.3.1.14.2.2.2	Mechanical and dynamic laboratory property tests
8.3.1.14.2.3.1	Physical property field tests and characterization measurements
8.3.1.14.2.3.2	Mechanical property field tests
8.3.1.14.2.3.3	Geophysical field measurements
8.3.1.15.1.1.1	Density and porosity characterization
8.3.1.15.1.2.1	Thermal expansion characterization
8.3.1.15.1.3.1	Compressive mechanical properties of intact rock at baseline experiment conditions
8.3.1.15.1.3.2	Effects of variable environmental conditions on mechanical properties
8.3.1.15.1.7.1	Plate loading tests
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

ACTIVITY NO.	ACTIVITY NAME
8.3.1.17.4.7.5	Evaluate surface geoelectric methods and plan potential application of these methods within the site area
8.3.1.17.4.8.2	Evaluate and test shallow borehold hydrofrac and triaxial strain recovery methods for the determination of in situ stress and, if appropriate, plan potential application of these methods within and proximal to the site
8.3.1.17.4.9.1	Evaluate age and extent of tectonically stable areas at and near Yucca Mountain
8.3.1.17.4.10.3	Analyze existing releveling data, Yucca Mountain and vicinity
8.3.1.17.4.12.1	Evaluate tectonic processes and tectonic stability at the site
8.3.2.4.1.1	Design activity to verify access and drift usability
8.3.5.4.1.1	Refinement of site data parameters required for Issue 2.2
8.3.5.10.2.1	Characterization of the spent fuel waste form
8.3.5.10.2.2	Characterization of the glass waste form
8.3.5.10.3.2	Develop geochemical speciation and reaction model
8.3.5.10.5.2	Radionuclide transport modeling in the near-field waste package environment
8.3.5.12.1.1	Application of results
8.3.5.12.2.1	Model development
8.3.5.12.2.1.1	Development of a theoretical framework for calculational models
8.3.5.12.2.2	Verification and validation

APPENDIX B

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

COMPOSITIONAL DATA FOR MINERALS, GASES, OR AQUEOUS SPECIES

Elemental Composition
Common Name

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

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

THERMODYNAMIC DATA FOR MINERALS

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

THERMODYNAMIC DATA FOR GASES

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

THERMODYNAMIC DATA FOR AQUEOUS SPECIES

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

APPENDIX C

GEMBOCHS MODIFICATIONS AND ADDITIONS: 4th QUARTER, 1992

No modifications or additions were incorporated during this quarter

APPENDIX D

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

CATEGORY	TYPE	ITEM
Activities	Activity Level	Distribution of vehicle traffic in the Yucca Mountain area in FY91.
	Biologic	Location of raven survey observation and id.
		Location of small mammal traplines in support of biological studies.
	Biological	Location data for biological study areas.
	Disturbances	Pads and other disturbances located by photo interpretation.
	Ecological Sampling	Location and id of ecological sampling plots.
		Sampling type and period.
	Existing Activities	Existing coordinate information for monitoring stations, drill holes, pits, and trenches. Information includes elevation, activity type, activity id, prime user, location, contractor, date began, date completed, depth, and source.

CATEGORY	TYPE	ITEM
		Borehole runs, borehole bits, core loss, drilling rate, general location, general area, county, WBS, work order, study plan, status, source documents, hole histories, construction time breakdown, rigs uses and logging data.
	Facilities	Central Support area buildings, streets, sidewalks, and support areas for the Field Operating Center (FOC).
		G-Tunnel id and elevation.
		Location, area, type, and name of the Exploratory Studies Facility.
		Ramp and drift subsurface access coordinates.
	Geoelectric	Area and type of geoelectric surveys.
		Length, sounding locations, and type of traverse.
	Geographic	Coordinate data for drillholes, pits, trenches, monitoring sites, and other surface/subsurface activities.
		Coordinates and elevation for benchmarks and survey reference points.
		Location coordinates for surface samples.

CATEGORY	TYPE	ITEM
		Reported bottom coordinates for drillholes.
	Groundwater	Site id, elevation, and well depth for ground-water observation wells.
	Groundwater Recharge	Location, elevation, and station id for groundwater recharge monitoring stations.
	Proposed Activities	Proposed coordinate information for monitoring stations, drill holes, pits, and trenches. Information includes, activity type, activity id, prime user, location, and source.
		Borehole diameter, study plan, WBS, core sample request, and activity study description.
		Proposed scent station and routes.
		Proposed transect with length and id.
	Resistivity	Location of sounding.
	Seismic	Length, id, shot point locations for seismic refraction studies.
	Transportation	Roads, trails, railroads, airfields, pipelines, and transmission lines.
Administrative	Demographic	Populated places, census tract, and census block.
	Geographic	Gazetteer for Nevada and California.

CATEGORY	TYPE	ITEM
	Land Ownership	Land status from map 1:100k.
	Land Withdrawal	BLM land withdraw areas. Includes boundaries, area, perimeters, and id.
	Mining Claims	Boundary, area, perimeter, and claim id.
	Political	Political and administrative boundaries.
	Public Land	Public Land Survey System. Township and range.
Biologic	Bats	Total captures of each bat species during mist-net sessions near Yucca Mountain.
	Habitat	Distribution of disturbances inventories by vegetation association.
	Invertebrates	Average number of invertebrates by taxonomic group captured per study plot in black-light traps for each vegetation. Total number of invertebrates by taxonomic group collected from pitfall traps per study plot.
	Predators	Summary of operable stations, visits by predators, and visitations rates.

CATEGORY	TYPE	ITEM
	Reptile	Number of individual reptiles captured on three plots during two consecutive week trap sessions in 1991.
	Small Mammals	Number of individual Merriam's kangaroo rats and long-tailed pocket mice captured on the radiological monitoring small mammal plots, December 1990- July 1991. Number of individuals collected is in parentheses.
		Number of individual small mammals captured on ecological study plots from December 1990 to September 1991.
	Surveys	Results of the FY91 reactivity surveys for Yucca Mountain Site Characterization Program activities. Includes number of requests, number of sites, area, distance, tortoise sign, important plants, important biological resources, recommended altering activity, and post activity survey done.
	Tortoise	Biology id, study area, year, length, and presence of sign.
		Date, type, and id of desert tortoise sightings.

CATEGORY	TYPE	ITEM
	Ungulates	Deer forage species collected in July 1991 for analysis of radionuclide levels.
	Vegetation	Vegetation data reported as percent plant cover. Data collected 1989-1991.
Climate	Paleoclimate	Fossil woodrat midden location, date, and ids.
		Paleoclimate temperature, precipitation, station id, and elevation.
	Precipitation	Maximum, minimum, and mean precipitation amounts at control and treatment environmental sampling plots for the four vegetation associations sampled between September 1990 to October 1991.
Geologic	Alluvium	Area of alluvium in the Yucca Mountain area.
	Bedrock	Area of bedrock in the Yucca Mountain area.
	Bulk Density	Bulk density values and test conditions.
	Bulk Modulus	Bulk modulus data and test conditions.
	Conductivity	Thermal conductivity data and test conditions.
	Core-Information	Core information, intervals and percent recovery.
	Elasticity	Elastic properties (Poisson's Ratio & Young's Modulus).

CATEGORY	TYPE	ITEM
	Faults	Location certainty and fault movement.
	Fractures	Location and strike.
	Grain Density	Grain density values and test conditions.
	Lithologic	Lithologic unit depths in drillhole.
		At borehole lithology picks and fracture frequency.
	Matrix Potential	Matrix potential data and test conditions.
	Mineralogy	Mineralogical samples and test conditions.
	Paleomagnetic	Paleomagnetic data and test conditions.
	Seismic	Data source, date, time, location of event, focal depth, body-wave value, magnitude, intensity, diastrophism, codes to tsunami, seiche, volcanism, nontectonic, type of wave, surge wave value, Z or H component, and type of damage.
	Stratigraphic	Thermal/mechanical stratigraphic units.
	Tectonic Breccia	Location
	Velocity	Laboratory sonic velocity measurements.
Hydrographic	Conductivity	Hydraulic conductivity values.

CATEGORY	TYPE	ITEM
		Relative hydraulic conductivity and test conditions.
		Well test hydraulic conductivity measurements.
	Flood	Flood prone areas. Limit of inundation.
	Fluvial	Streams, and water bodies.
	Permeability	Permeability and test conditions.
	Pore Water	Natural-state porewater content percentages.
	Porosity	Porosity values and test conditions.
	Saturation	Pore saturation and test conditions.
	Spring Water Chemistry	Water chemical values for springs and non-drill hole wells.
	Transmissivity	Transmissivity data and pumping conditions
	Water Chemistry	Water chemical constituent values for drillholes.
	Water Level	Water elevations and depths, dates of measurements.
	Water Production	Percent water production in drillhole intervals.
Physiographic	Elevation	Digital Elevation Model (DEM). Point elevation for southern Nevada and California.

CATEGORY	TYPE	ITEM
		Elevation contours isoline values at 2, 10, 20, 40, 100, and 200 foot intervals.
	Orthophoto	Aerial photography of the Yucca Mountain area.

APPENDIX E

GENISES ADDITIONS: 4th QUARTER, 1992

DATA TRACKING NO.	DATA ITEM DESCRIPTION

No additions were incorporated during this quarter