

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9409010289 DOC.DATE: 94/08/18 NOTARIZED: NO DOCKET #

FACIL: AUTH.NAME KOUTS, C.A. RECIP.NAME HOLONICH, J.J. AUTHOR AFFILIATION Energy, Dept. of RECIPIENT AFFILIATION High-Level Waste & Uranium Recovery Projects Branch (NMS)

SUBJECT: Forwards Yucca Mountain Site Characterization Project Technical Data Catalog, quarterly suppl, 940630 edition & "Genises Geographic Info Sys (GIS) Data Catalog," dtd 940630.

DISTRIBUTION CODE: NH03T COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3+303 TITLE: High Level Waste Tech Info re NNWSI Sites - General

NOTES:

Table with 5 columns: INTERNAL/EXTERNAL, RECIPIENT ID CODE/NAME, COPIES LTTR ENCL, RECIPIENT ID CODE/NAME, COPIES LTTR ENCL. Includes entries for ACNW, NMSS/DWM/DEPY2, NMSS/HLUR 7J9, OGC/NWMS, CNWRA, and NUDOCS FULL TXT.

NOTE TO ALL "RIDS" RECIPIENTS: PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK, ROOM P1-37 (EXT. 504-2083) TO ELIMINATE YOUR NAME FROM DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

FULL TEXT CONVERSION REQUIRED TOTAL NUMBER OF COPIES REQUIRED: LTTR 20 ENCL 19

P  
R  
I  
O  
R  
I  
T  
Y  
  
1  
  
D  
O  
C  
U  
M  
E  
N  
T



## Department of Energy

Washington, DC 20585

AUG 18 1994

Mr. Joseph J. Holonich, Chief  
High-Level Waste and Uranium  
Recovery Projects Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Mr. Holonich:

This letter transmits the June 30, 1994, edition of the Yucca Mountain Site Characterization Office Technical Data Catalog. This document is updated and released quarterly in accordance with the U.S. Department of Energy/U.S. Nuclear Regulatory Commission Site-Specific Agreement. The catalog contains a listing of data collected during the characterization of Yucca Mountain, Nevada, as a potential site for a high-level radioactive waste repository. The data referenced in the catalog are primarily items that were generated for the Yucca Mountain Site Characterization Office and submitted to the Automated Technical Data Tracking System since March 29, 1990. Information related to data items collected before that date are being added to the Automated Technical Data Tracking System and catalog as time and funding allow.

This quarterly supplement to the catalog provides an update of data items added to the Automated Technical Data Tracking System data base since March 31, 1994. The September 30, 1993, Data Catalog and the December 31, 1993, and March 31, 1994, Data Catalog Supplements should be retained and used as the baseline documents until the next complete revision of the catalog is published in October 1994.

Also enclosed is the quarterly Geographic Information System Spatial Data Catalog, which describes spatial data available in Geographic Nodal Information Study and Evaluation System.

The Geologic and Engineering Materials: Bibliography of Chemical Species Data catalog was published for the first time as Appendix B in the March 31, 1994, edition of the Technical Data Catalog. A survey of those individuals on the Technical Data Catalog distribution list was conducted to determine the level of interest in the Geologic and Engineering Materials: Bibliography of Chemical Species Data catalog. Based on the limited number of survey responses, the Geologic and Engineering Materials: Bibliography of Chemical Species Data catalog will no longer be published as an appendix to the Yucca Mountain Site Characterization Project Technical Data Catalog. Beginning

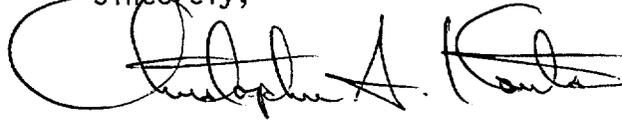
9409010289 940818  
PDR WASTE  
WM-11 FDR

NH0311  
wm-11  
102.8

June 30, 1994, it will be updated, published, and distributed quarterly as a separate document by Lawrence Livermore National Laboratory. Individuals who are interested in receiving the Geologic and Engineering Materials: Bibliography of Chemical Species Data catalog but who are not on the current distribution list, should contact James W. Johnson, Geologic and Engineering Materials: Bibliography of Chemical Species Administrator/ Lawrence Livermore National Laboratory, at (510) 423-7352.

If you have any questions, please contact Ms. Sheila Long at 202-586-1447.

Sincerely,



Christopher A. Kouts, Acting Director  
Regulatory Integration Division  
Office of Program Management and  
Integration  
Office of Civilian Radioactive  
Waste Management

Enclosures: (NOT RECORD MATERIAL)

1. YMP Technical Data Catalog  
(Quarterly Supplement)  
June 30, 1994
2. GENISES Geographic Information  
System (GIS) Data Catalog  
June 30, 1994

*on the shelf*

cc: w\enclosures

R. Nelson, YMPO  
R. Loux, State of Nevada  
W. Offutt, Nye County, NV  
T. J. Hickey, Nevada Legislative Committee  
D. Bechtel, Las Vegas, NV  
Eureka County, NV  
Lander County, Battle Mountain, NV  
P. Niedzielski-Eichner, Nye County, NV  
L. Bradshaw, Nye County, NV  
C. Schank, Churchill County, NV  
F. Mariani, White Pine County, NV  
V. Poe, Mineral County, NV  
J. Pitts, Lincoln County, NV  
J. Hayes, Esmeralda County, NV  
B. Mettam, Inyo County, CA

U.S. DEPARTMENT OF ENERGY

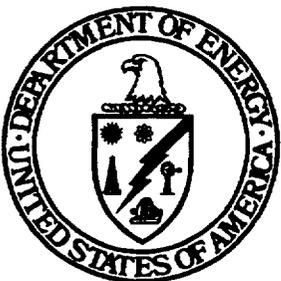
**Y  
M  
C  
M**



**YUCCA MOUNTAIN  
SITE CHARACTERIZATION  
PROJECT**

**YUCCA MOUNTAIN  
SITE CHARACTERIZATION PROJECT**

**TECHNICAL DATA  
CATALOG  
(QUARTERLY SUPPLEMENT)**



*9408080203*

*102.8*

**JUNE 30, 1994**

UNITED STATES DEPARTMENT OF ENERGY

**YUCCA MOUNTAIN  
SITE CHARACTERIZATION PROJECT**

**TECHNICAL DATA CATALOG  
(QUARTERLY SUPPLEMENT)**

**JUNE 30, 1994**

**TABLE OF CONTENTS**

	<u>PAGE</u>
INTRODUCTION . . . . .	1
DESIGN PLAN . . . . .	4
ENVIRONMENTAL MONITORING AND MITIGATION PLAN . . . . .	5
METEOROLOGICAL MONITORING PLAN . . . . .	6
PERFORMANCE ASSESSMENT MANAGEMENT PLAN . . . . .	7
RADIOLOGICAL MONITORING PLAN . . . . .	8
SITE CHARACTERIZATION PROGRAM BASELINE . . . . .	11
SITE CHARACTERIZATION PROGRAM BASELINE-PROTOTYPE . . . . .	90
SOCIOECONOMIC PLAN . . . . .	92
APPENDIX A: SITE CHARACTERIZATION PROGRAM BASELINE ACTIVITY NUMBERS AND NAMES . . . . .	 A-1
APPENDIX B: GEOGRAPHIC NODAL INFORMATION STUDY AND EVALUATION SYSTEM (GENISES) ADDITIONS: 3rd QUARTER, FY 1994 . . . . .	 B-1
APPENDIX C: SUPERSEDED DATA ITEMS . . . . .	C-1

## INTRODUCTION

The Department of Energy (DOE)/Nuclear Regulatory Commission (NRC) Site-Specific Procedural Agreement for Geologic Repository Site Investigation and Characterization Program requires the DOE to develop and maintain a catalog of data which will be updated and provided to the NRC at least quarterly. This catalog is to include a description of the data; the time (date), place, and method of acquisition; and where 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. A complete revision to the Catalog is published at the end of each fiscal year. Supplements to the end-of-year edition are published each quarter. These supplements provide information related to new data items not included in previous quarterly updates and data items affected by changes to previously published reference information. The Technical Data Catalog, dated September 30, 1993, should be retained as the baseline document for the supplements until the end-of-year revision is published and distributed in October 1994.

Requests for technical data referenced in the Data Catalog must be submitted in writing to the YMP Project Manager, Robert M. Nelson, Jr., 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 in accordance with an NRC accepted quality assurance program or qualified in accordance with appropriate YMP procedures.

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

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

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

Appendix A of this document lists the activity numbers and titles of all SCPB related data items referenced in the Catalog. Appendix B identifies additions or modifications that were incorporated into the Geographic Nodal Information Study and Evaluation System (GENISES) data base during the current quarter. Appendix C identifies data items that have been superseded.

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## DESIGN PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**SNSAND92044900.000	SAND92-0449: "FRACTURE ANALYSIS AND ROCK QUALITY DESIGNATION ESTIMATION FOR THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT."	11/12/91-02/01/93	DATA ON FRACTURE OCCURRENCE WERE COLLECTED BY VARIOUS PARTICIPANTS IN THE YMP. THESE REPORTS WERE REVIEWED TO DETERMINE FRACTURE ABUNDANCE, FRACTURE ORIENTATION, FRACTURE ROUGHNESS, FRACTURE FILLINGS AND COATINGS, AND ROCK QUALITY DESIGNATION (RQD) FOR THE THERMOMECHANICAL UNITS ABOVE AND IMMEDIATELY BELOW THE POTENTIAL REPOSITORY HORIZON. (SEE SAND 92-0449 FOR MORE DETAIL.)	D N C
	ACQN/DEVL LOCATION : SNL			
*SNT01122093001.001	DESIGN SUPPORT ANALYSIS: NORTH RAMP DESIGN POSITION 2C. THIS DATA HAS BEEN SUPERSEDED BY DATA IDENTIFIED BY DTN: SNT01122093001.002	10/01/93-12/20/93	THERMAL EXPANSION DATA WAS EXAMINED AND LINEARIZED. ROCK MASS DATA WAS USED FOR 2-D & 3-D MECHANICAL ANALYSES.	D Y C
	ACQN/DEVL LOCATION : SANDIA NATIONAL LABORATORY, ALBUQUERQUE, NEW MEXICO			
*SNT01122093001.002	"DESIGN SUPPORT ANALYSES: NORTH RAMP DESIGN PACKAGE 2C (REV. 1)". THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN: SNT01122093001.001.	12/20/93-03/31/94	THERMAL EXPANSION DATA WAS EXAMINED AND LINEARIZED. ROCK MASS DATA WAS USED FOR 2-D & 3-D MECHANICAL ANALYSES.	D Y C
	ACQN/DEVL LOCATION : SANDIA NATIONAL LABORATORY & J. F. T. AGAPITO			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

ENVIRONMENTAL MONITORING AND MITIGATION PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*EGESD930708000.000	DESERT TORTOISE STUDIES AT YUCCA MOUNTAIN, 1898-1993.	01/01/89-12/31/93	DESERT TORTOISE WERE LOCATED USING RADIO TELEMETRY TO OBTAIN DATA ON MOVEMENTS, BEHAVIOR, REPRODUCTIVE OUTPUT, GROWTH, BLOOD PARAMETERS, DIET, HIBERNATION, MATING, AND NESTING BEHAVIORS. IN ADDITION, TORTOISES AND CARCASSES FOUND INCIDENTALLY WERE MEASURED.	A N P
	ACQN/DEVL LOCATION : YUCCA MOUNTAIN AND CALICO HILLS, NYE COUNTY, NV			
*EGESD930709000.000	RAVEN SURVEYS AT YUCCA AND BARE MOUNTAINS, 1991-1993.	08/01/91-12/31/93	POINT-COUNTS ALONG 25-MILE SURVEY ROUTES.	A N P
	ACQN/DEVL LOCATION : YUCCA AND BARE MOUNTAINS, NYE COUNTY, NV			
**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 N C
	ACQN/DEVL LOCATION : 36 00'N 117 00'W ;37 00'N 116 00'W			

## METEOROLOGICAL MONITORING PLAN

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TM000000000001.054	ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	01/01/94-03/31/94	DATA ACQUIRED FROM ON-SITE DATALOGGERS	A Y P
*TM000000000001.055	AMBIENT AIR MONITORING REPORT, JANUARY - MARCH 1994  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	01/01/94-03/31/94	REFORMATTING OF DATA FROM ON-SITE DATALOGGERS	D Y C

PERFORMANCE ASSESSMENT MANAGEMENT PLAN

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS930200012547.001	PHYSICAL AND FLOW PROPERTIES OF 100 CORE SAMPLES FROM CALICO HILLS AND TOPOPAH SPRING UNITS USED IN A STUDY ON THE EFFECTS OF HIGH TEMPERATURE ON HYDROLOGIC PROPERTIES OF VOLCANIC TUFF.	03/10/92-10/28/92	USGS HP-229,R1, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES, WAS USED TO DETERMINE BULK DENSITY, POROSITY, AND PARTICLE DENSITY. AIR AND WATER PERMEABILITY WERE DONE USING A STEADY STATE PERMEAMETER, SORPTIVITY WAS CALCULATED FROM IMBIBITION EXPERIMENTS WHERE IMBIBITION = SORPTIVITY * TIME <sup>1/2</sup> . PARTICLE DENSITY WAS ALSO DETERMINED USING A HELIUM PYCNOMETER.	A N C
	ACQN/DEVL LOCATION : USGS HRF, NTS AREA 25, MERCURY, NV			
*SNSAND93085200.000	SAND93-0852: "THE APPROPRIATENESS OF ONE-DIMENSIONAL YUCCA MOUNTAIN HYDROLOGIC CALCULATIONS" (NNA.930930.0068)	01/01/93-07/01/93	THE OBJECTIVE WAS TO BRING INTO FOCUS THE RESULTS OF STUDIES THAT ADDRESSED ISSUES ASSOCIATED WITH THE VALIDITY OF ASSUMPTIONS USED TO JUSTIFY REDUCING THE DIMENSIONALITY OF NUMERICAL CALCULATIONS OF WATER FLOW THROUGH YUCCA MOUNTAIN, NV. RESULTS IMPLY THAT THE USE OF ONE-DIMENSIONAL MODELING TO ANALYZE A MULTI-DIMENSIONAL PROBLEM MAY BE LESS RESTRICTIVE THAN PREVIOUSLY ASSUMED (SEE SAND93-0852 FOR MORE DETAIL).	D N P
	ACQN/DEVL LOCATION : SNL			

## RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
*TM000000001993.047	CONTINUOUS ENVIRONMENTAL RADON MEASUREMENTS FOR NOVEMBER 1993.  ACQN/DEVL LOCATION : NEAR FIELD SITES 6 AND 87.	01/12/93-11/29/93	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P INSTRUCTION WI-RM-710.
*TM000000001993.048	CONTINUOUS ENVIRONMENTAL RADON MEASUREMENTS FOR DECEMBER 1993.  ACQN/DEVL LOCATION : NEAR FIELD SITES 6 AND 87.	11/29/93-12/28/93	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P INSTRUCTION WI-RM-710.
*TM000000001994.001	CONTINUOUS AIR MONITORING DATA FOR JANUARY 1994.  ACQN/DEVL LOCATION : FAR AND NEAR FIELD CAS SITES.	12/28/93-02/01/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P INSTRUCTIONS.
*TM000000001994.002	CONTINUOUS AIR MONITORING DATA FOR FEBRUARY 1994.  ACQN/DEVL LOCATION : FAR AND NEAR FIELD CAS SITES.	01/30/94-03/02/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P INSTRUCTIONS.
*TM000000001994.003	CONTINUOUS AIR MONITORING DATA FOR MARCH 1994.  ACQN/DEVL LOCATION : FAR AND NEAR FIELD CAS SITES.	02/28/94-03/29/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P INSTRUCTIONS.
*TM000000001994.013	INTEGRATED ENVIRONMENTAL RADON MEASUREMENTS FOR JANUARY 1994.  ACQN/DEVL LOCATION : EPERM LOCATIONS	01/05/94-02/02/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y C INSTRUCTION WI-RM-770.

RADIOLOGICAL MONITORING PLAN

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
*TM000000001994.014	INTEGRATED ENVIRONMENTAL RADON MEASUREMENTS FOR FEBRUARY 1994.  ACQN/DEVL LOCATION : EPERM LOCATIONS	02/02/94-03/03/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y C INSTRUCTION WI-RM-770.
*TM000000001994.015	ENVIRONMENTAL RADON MEASUREMENTS FOR MARCH 1994.  ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD SITES.	03/03/94-04/01/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P INSTRUCTION WI-RM-770, REVISION 4, ICN 0.
*TM000000001994.016	INTEGRATED ENVIRONMENTAL RADON MEASUREMENTS FOR APRIL 1994.  ACQN/DEVL LOCATION : FAR AND NEAR FIELD EPERM SITES.	04/07/94-05/04/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P INSTRUCTION WI-RM-770, REVISION 4, ICN 0.
*TM000000001994.037	CONTINUOUS ENVIRONMENTAL RADON MEASUREMENTS FOR JANUARY 1994.  ACQN/DEVL LOCATION : NEAR FIELD SITES 6 AND 87.	12/28/93-01/31/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P INSTRUCTION WI-RM-710.
*TM000000001994.038	CONTINUOUS ENVIRONMENTAL RADON MEASUREMENTS FOR FEBRUARY 1994.  ACQN/DEVL LOCATION : NEAR FIELD SITES 6 AND 87.	02/01/94-02/28/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P INSTRUCTION WI-RM-710.
*TM000000001994.039	CONTINUOUS ENVIRONMENTAL RADON MEASUREMENTS FOR MARCH 1994.  ACQN/DEVL LOCATION : NEAR FIELD SITES 6 AND 87.	03/02/94-04/01/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P INSTRUCTION WI-RM-710, REVISION REVISION 1, ICN 0.

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## RADIOLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
*TMO00000001994.040	CONTINUOUS ENVIRONMENTAL RADON MEASUREMENTS FOR APRIL 1994.  ACQN/DEVL LOCATION : NEAR FIELD SITES 6 AND 87.	04/01/94-05/03/94	DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P INSTRUCTION WI-RM-710, REVISION 1, ICN 0.
*TMO0121362T1EA.001	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1993 (JUNE 1994)	01/01/93-12/31/93	COLLECTION OF DATA THAT DESCRIBES THE DEVELOPMENTAL CHARACTERISTICS OF SOUTHERN NYE COUNTY AND PORTIONS OF CLARK COUNTY, NEVADA, AS WELL AS PORTIONS OF DEATH VALLEY NATIONAL MONUMENT, CALIFORNIA. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS WITHIN THE COMMUNITIES, FROM FIELD OBSERVATIONS, AND FROM SECONDARY SOURCES.  ACQN/DEVL LOCATION : 84 KM RADIUS OF N4078351.6(U), E551135.7(U)

SITE CHARACTERIZATION PLAN BASELINE

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

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

Activity - 8.3.1.2.1.1.1

**GS930108312111.003	PRECIPITATION DEPTH, IN INCHES, FOR EVENTS BETWEEN 10/1/91 AND 9/30/92. (AN EFFORT WAS MADE TO RECORD MEASUREMENTS AFTER EACH MAJOR STORM EVENT AT YUCCA MOUNTAIN. HOWEVER, SOME EVENTS OVER A SEVERAL DAY PERIOD WERE CONSOLIDATED INTO ONE SET OF MEASUREMENTS FOR THE NETWORK.)	10/01/91-09/30/92	PRECIPITATION MEASUREMENTS WERE MADE FROM A NETWORK OF COLLECTION/STORAGE GAUGES. THEY ARE NON-AUTOMATED. READINGS WERE TAKEN DIRECTLY FROM A SCALE IMPRINTED ON THE PLASTIC GAUGES OR FROM A DIP STICK MARKED WITH A SCALE. GAUGES WERE OF THREE TYPES: PLASTIC FENCE POST WEDGE, 4-INCH-DIAMETER ROUND CANISTER, AND 8-INCH STANDARD NATIONAL WEATHER SERVICE METAL STORAGE GAUGE.
----------------------	--	-------------------	--

ACQN/DEVL LOCATION : N730000(N) E550000(N) ;N770000(N) E610000(N)

Activity - 8.3.1.2.1.2.1

**GS930408312121.002	STREAMFLOW AND SELECTED PRECIPITATION DATA FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA, WATER YEARS 1983-85, BY M.E. PABST, D.A. BECK, P.A. GLANCY AND J.A. JOHNSON.	09/01/91-04/09/93	SOURCE DATA WERE COMPILED INTO AN OPEN-FILE REPORT USING GENERAL USGS REPORT GUIDELINES.
----------------------	--	-------------------	--

ACQN/DEVL LOCATION : USGS, CARSON CITY, NV  
USGS, LAS VEGAS, NV

## SITE CHARACTERIZATION PLAN BASELINE

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.3.2				
*GS931108312132.019	SPREADSHEETS OF HYDROCHEMICAL ANALYSES, BY JOHN B. CZARNECKI: DATA FROM WELL USW UZ-14 AND NA-7, NEVADA.	08/21/93-11/15/93	PH AND SPECIFIC CONDUCTANCE DATA COMPILED, FORMATTED AS A SPREADSHEET AND PRESENTED AS POSTER.	D Y C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS940308312132.001	DEPTH-TO-WATER DATA COLLECTED IN THE AMARGOSA VALLEY, 5/1/83 THROUGH 5/2/89	05/01/83-05/02/89	HP-61,R0, "USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); HP-99,R0, "INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS"	A N P
	ACQN/DEVL LOCATION : 37 00'N 116 00'W ;36 00'N 117 00'W AMARGOSA DESERT			
*GS940308312132.002	DEPTH-TO-WATER DATA COLLECTED IN THE AMARGOSA VALLEY, 5/3/89 THROUGH 1991	05/03/89-12/31/91	HP-61,R0, "USE OF HAND HELD STEEL TAPES (IN VERTICAL BOREHOLES)" AND HP-99,R0 AND R1, "INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS"	A Y P
	ACQN/DEVL LOCATION : 37 00'N 116 00'W ;36 00'N 117 00'W AMARGOSA VALLEY			

SITE CHARACTERIZATION PLAN BASELINE

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.1.3.3				
**GS940308312133.002	WATER QUALITY DATA FOR SAMPLES TAKEN IN FORTYMILE WASH, NEVADA, DURING THE 1993 WATER YEAR.	10/01/92-02/07/94	DATA COLLECTED ACCORDING TO HP-23,R2 AND R3, "COLLECTION AND FIELD ANALYSIS OF GROUND-WATER SAMPLES FROM SATURATED ZONE"; HP-200,R0, "COLLECTION OF GROUND-WATER SAMPLES FROM WELLS" AND HP-91,R3, "COLLECTION AND FIELD ANALYSIS OF SURFACE-WATER SAMPLES"	A Y C
	ACQN/DEVL LOCATION : 36 56'34"N 116 22'15"W 36 55'13"N 116 22'29"W UE-29A #1 USGS NAT'L WATER QUALITY LAB, DENVER, CO			
*GS940508312133.003	SELECTED HYDROLOGIC DATA FROM FORTYMILE WASH IN THE YUCCA MOUNTAIN AREA, NEVADA, WATER YEAR 1992, BY C.S. SAVARD.	10/01/93-02/22/94	DATA DEVELOPED USING STANDARD USGS TECHNIQUES.	D Y P
	ACQN/DEVL LOCATION : USGS, MERCURY, NV			
Activity - 8.3.1.2.1.4.4				
*GS940508312144.001	PRELIMINARY DIGITAL GEOLOGIC MAPS OF THE MARIPOSA, KINGMAN, TRONA, AND DEATH VALLEY SHEETS, CALIFORNIA, BY F.A. D'AGNESE, C.C. FAUNT AND A.K. TURNER	06/01/92-05/13/94	DIGITIZED PUBLISHED GEOLOGIC MAPS FOR INCORPORATION INTO GIS DATABASE FOR REGIONAL GROUNDWATER MODELING.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.1.1				
**GS940308312211.003	SLOPE, ASPECT AND SURROUNDING TOPOGRAPHY ALONG THREE TRANSECTS AT WT-2 WASH (UN-NAMED WASH IN THE VICINITY OF USW WT-2)	03/01/93-09/30/93	BRANTON COMPASS WAS USED TO MEASURE SLOPE, ASPECT AND BLOCKING RIDGES AT EACH LOCATION ALONG THREE TRANSECTS.	A N C
	ACQN/DEVL LOCATION : N231,500 (N) E171,000 (N) ;N232,000 (N) E172,000 (N)			
**GS940308312211.005	PHYSICAL PROPERTIES FOR THE TOP 30 CM OF THE UNCONSOLIDATED MATERIALS FOR (UN-NAMED) WT-2 WASH. THESE PROPERTIES WERE FROM THREE TRANSECTS ALONG THE WASH (UPPER WASH, MIDDLE WASH AND LOWER WASH)	03/01/93-09/30/93	PARTICLE SIZE PERCENTAGES WERE MEASURED USING USGS TECHNICAL PROCEDURE HP-259,R0, PARTICLE SIZE ANALYSIS	A N C
	ACQN/DEVL LOCATION : USGS HRF, NTS, NV			
**GS940308312211.006	BULK DENSITY, MASS WETNESS, AND VOLUMETRIC WATER CONTENTS FROM PAGANY WASH AREA.	06/10/93-10/01/93	BULK DENSITY WAS DETERMINED WITH PROTOTYPE PROCEDURE HP-259,R0, DETERMINATION OF BULK DENSITY USING AN IRREGULAR HOLE BULK DENSITY SAMPLER, WATER CONTENTS WERE DETERMINED USING HP-229,R3, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES.	A N C
	ACQN/DEVL LOCATION : USGS HRF, NTS, NV			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.1.2				
*GS940308312212.007	CALCULATED DAILY RADIATION LOAD FOR THE THREE TRANSECTS AT (UNNAMED) WT-2 WASH	03/01/93-01/31/94	CALCULATION OF DAILY SOLAR RADIATION ALONG THREE TRANSECTS AT WT-2 WASH USING MODEL THAT ACCOUNTS FOR TOPOGRAPHIC BLOCKING OF DIRECT BEAM RADIATION	D N P
	ACQN/DEVL LOCATION : USGS HRF, NTS			
*GS940508312212.008	LAB ANALYSIS OF 12 NEUTRON HOLES USING RELATIVE HUMIDITY DRY WEIGHTS. BOREHOLES INCLUDE USW UZ-N11 AND UZ-N15; UE-25 UZN #16; USW UZ-N17, UZ-N27, UZ-N36, UZ-N37, UZ-N38, UZ-N53, UZ-N54, UZ-N55 AND UZ-N64	10/01/91-12/31/93	BULK DENSITY, POROSITY, PARTICLE DENSITY AND SATURATIONS WERE CALCULATED USING RELATIVE HUMIDITY DRY WEIGHT	A N P
	ACQN/DEVL LOCATION : USGS HRF, AREA 25, NTS			
Activity - 8.3.1.2.2.1.3				
*GS940408312213.004	MODELING INPUT AND OUTPUT FOR THE FIRST 60 HOURS OF THE UE-25 UZN #85 ARTIFICIAL INFILTRATION (PONDED INFILTRATION EXPERIMENT).	11/01/93-02/15/94	NUMERICAL MODEL PROPERTIES WERE SELECTED AND THE DATA SET INPUT TO THE MODELING PROGRAM TOUGH.FOR, WHICH PRODUCED THE OUTPUT DATA.	D N P
	ACQN/DEVL LOCATION : USGS HRF, MERCURY, NV			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.3.1				
*GS940408312231.004	CORE ANALYSIS OF BULK DENSITY, POROSITY, PARTICLE DENSITY, AND IN SITU SATURATION FOR 3 NEUTRON BOREHOLES, USW UZ-N57, UZ-N61, AND UZ-N62	12/01/91-12/01/93	BULK DENSITY, POROSITY, PARTICLE DENSITY AND VOLUMETRIC WATER CONTENT DETERMINED USING HP-229,R0-R3, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES.	A Y P
	ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS			
*GS940408312231.005	CURVE FITS FOR MOISTURE RETENTION DATA COLLECTED ON COMPOSITE TRANSECT DATASET	09/15/93-04/15/94	CURVES FITTED USING VAN GENUCHTEN EQ. AND MODELING (1) ALPHA, N AND M, AND (2) ALPHA AND N ONLY (CALCULATING M WHICH EQUALS 1 - 1/N). ALSO USED (3) BROOKS AND COREY.	D N P
	ACQN/DEVL LOCATION : USGS HRF, NTS			
*GS940508312231.006	CORE ANALYSIS OF BULK DENSITY, POROSITY, PARTICLE DENSITY AND IN SITU SATURATION FOR BOREHOLE UE-25 UZ #16	02/01/93-06/30/93	PHYSICAL PROPERTIES DETERMINED USING HP-229,R1,R1-M1,R2,R2-M1, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES	A Y P
	ACQN/DEVL LOCATION : USGS HRF, AREA 25, NTS			

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.3.2				
**GS900908312232.001	GEOHYDROLOGIC DATA FROM TEST HOLE USW UZ-7, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY JACK KUME AND D.P. HAMMERMEISTER  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/86-12/31/86	USGS STANDARD COLLECTION METHODS.	D N C
**GS930508312232.011	VACUUM DRILLING OF UNSATURATED TUFFS AT A POTENTIAL RADIOACTIVE-WASTE REPOSITORY, YUCCA MOUNTAIN, NEVADA, BY MERRICK S. WHITFIELD  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/85-10/07/85	VACUUM DRILLING WAS USED: 1) TO OBTAIN A VERTICAL MOISTURE-CONTENT PROFILE OF THE ROCKS DRILLED, 2) TO CHECK FOR THE PRESENCE OF PERCHED-WATER ZONES, AND 3) TO EMPLACE HYDROLOGIC INSTRUMENTS AT SELECTED DEPTHS TO COLLECT PRESSURE AND MOISTURE POTENTIAL DATA.	D N C
**GS940108312232.007	RESULTS OF AIR PERMEABILITY TESTING IN A VERTICAL BOREHOLE AT YUCCA MOUNTAIN, NEVADA, BY GARY D. LECAIN AND JERRY N. WALKER  ACQN/DEVL LOCATION : USGS, DENVER, CO	12/01/93-01/18/94	ANALYSIS AND COMPILATION OF AIR INJECTION TESTING DATA	D Y C
**GS940108312232.008	APPLICATIONS OF MULTI-MODE IMAGING TO MULTIPLE OFFSET VSP DATA, BY A.H. BALCH, CEMAL ERDEMIR AND JOSEPH P. ROUSSEAU  ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO	08/01/93-01/27/94	DATA WERE DEVELOPED THROUGH THE FOLLOWING SOFTWARE PRODUCTS: PROMAX/4.0; SU/YMP-2.0; RTM/2.0; WAVESEP2.0; MICROMAX/2.0; LANDMARK/1.0; RTMSGN/2.0; LOADVEL 2.0; RTRC/2.0; SEGYDECON/2.0; TOMO/2.0.	D N P

D Q  
A U L  
T A O C  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940408312232.010	ELASTIC WAVE VELOCITY MEASUREMENTS IN PLUG CORE SAMPLES FROM BOREHOLE UE-25 UZ #16, YUCCA MOUNTAIN, NYE COUNTY, NEVADA  ACQN/DEVL LOCATION : PBT, INC. GOLDEN, CO	06/01/93-07/27/93	DATA WERE DEVELOPED IN ACCORDANCE WITH GOOD SCIENTIFIC PRACTICES ACCORDING TO CONTRACT PURCHASE AGREEMENT (P.O. 162397-93)	A Y P
*GS940408312232.011	GAS SAMPLING TEST DATA FROM HRF PROTOTYPE BOREHOLE #1, 12/16/92  ACQN/DEVL LOCATION : UE-25 HRFUZZP#1	12/16/92-12/16/92	DATA WERE COLLECTED BY THE GAS SAMPLING PROGRAM.	A N P
*GS940708312232.012	CURRENT-MODE OPERATION OF A SILICON DIAPHRAGM PRESSURE TRANSDUCER FOR MEASURING PNEUMATIC PRESSURE, BY JOSEPH P. ROUSSEAU  ACQN/DEVL LOCATION : USGS HRF, NTS	10/01/91-01/18/94	DATA DEVELOPED THROUGH THE PTCAL & PTMREG SOFTWARE PROGRAMS	D N P
Activity - 8.3.1.2.2.6.1				
*GS940608312261.001	FIRST AND SECOND QUARTER FY94 TRACER TEST DATA  ACQN/DEVL LOCATION : UZ HYDROCHEMISTRY MOBILE LABORATORY, AREA 25, NEVADA TEST SITE, NEVADA	09/28/93-12/10/93	DATA ACQUIRED USING SCIENTIFIC NOTEBOOK SN-0054, GAS-PHASE CIRCULATION TRACER TESTS; HP-160,R2, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY; HP-176,R2, PROCEDURE TO COLLECT GAS SAMPLES AT SELECTED DEPTH INTERVALS IN OPEN UNSATURATED ZONE BOREHOLES; HP-192,R2, SHALLOW SOIL GAS COLLECTION; HP-242,R1, METHOD FOR ANALYZING THE CONCENTRATION OF HALOCARBON GASES WITH AN ITI LEAKMETER 120; AND GCP-30,R0, CARBON DIOXIDE MEASUREMENT WITH EGM-1 AND WMA-2 PORTABLE IRGA.	A Y P

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940608312261.002	C.S.I. 21X DATALOGGER PRINTOUT FOR WELL UZ-6S PRIOR TO 5/3/89  ACQN/DEVL LOCATION : USW UZ-6S	12/17/87-05/03/89	AUTOMATED DATA COLLECTION SYSTEM	A N P
*GS940608312261.003	DOES THE WIND BLOW THROUGH YUCCA MOUNTAIN?, BY E.P. WEEKS  ACQN/DEVL LOCATION : USGS, DENVER, CO	06/01/90-12/31/90	STANDARD USGS REPORT PROCEDURES	D N P
Activity - 8.3.1.2.2.7.1				
*GS940408312271.001	GAS CHROMATOGRAPH ANALYSIS OF GAS CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING USW UZ-1 BOREHOLE GAS SAMPLING  ACQN/DEVL LOCATION : USGS HYDROCHEMISTRY LAB, DENVER, CO	12/03/93-12/07/93	GAS CHROMATOGRAPH SAMPLES ARE ANALYZED BY PROCEDURES OUTLINED HP-160,R2, METHOD FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY. SAMPLES ARE DESTROYED IN ANALYSIS. SEVERAL SAMPLES ARE TAKEN AT EACH PROBE (DEPTH) IN HOLE USW UZ-1; EACH SAMPLING TRIP IS AN AID IN DETERMINING PUMPING EFFICIENCY.	A Y P
*GS940408312271.002	GAS CHROMATOGRAPH ANALYSIS OF GAS COMPOSITION GAS SAMPLES FROM BOREHOLE USW UZ-1  ACQN/DEVL LOCATION : USGS HYDROCHEMISTRY LAB, DENVER, CO	12/03/93-12/07/93	GAS COMPOSITION SAMPLES ARE ANALYZED BY GAS CHROMATOGRAPHY PROCEDURES OUTLINED IN HP-160,R2. SAMPLES ARE DESTROYED IN ANALYSIS.	A Y P

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940408312271.003	LABORATORY RESULTS OF TRITIUM VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE USW UZ-1	12/03/93-12/07/93	SAMPLES SENT TO USGS NAT'L WATER QUALITY LAB FOR 3H ANALYSIS, OR ANALYZED IN USGS UZ HYDROCHEMISTRY LAB BY PROCEDURES OUTLINED IN HP-204,R0, LIQUID SCINTILLATION SPECTROMETRY METHOD FOR TRITIUM MEASUREMENT OF WATER SAMPLES. SAMPLES DESTROYED IN ANALYSIS.	A Y P
	ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO			
*GS940408312271.005	LABORATORY RESULTS OF CARBON 14 ANALYSIS OF GAS SAMPLES FROM BOREHOLE USW UZ-1	12/03/93-12/07/93	SAMPLES SENT TO KRUGER ENTERPRISES GEOCHRON LABORATORY FOR 14C DETERMINATION	A Y P
	ACQN/DEVL LOCATION : KRUEGER ENTERPRISES GEOCHRON LABORATORY, CAMBRIDGE, MA			
*GS940408312271.006	GAS CHROMATOGRAPH ANALYSIS OF GAS CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING USW UZ-1 BOREHOLE GAS SAMPLING	01/19/93-01/29/93	GAS CHROMATOGRAPH SAMPLES ARE ANALYZED BY PROCEDURES OUTLINED IN HP-160,R2, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY. SAMPLES ARE DESTROYED IN ANALYSIS. SEVERAL SAMPLES ARE TAKEN AT EACH PROBE (DEPTH) IN HOLE USW UZ-1; EACH SAMPLING TRIP IS AN AID IN DETERMINING PUMPING EFFICIENCY.	A Y P
	ACQN/DEVL LOCATION : USGS HYDROCHEMISTRY LAB, DENVER, CO			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940408312271.007	LABORATORY RESULTS OF TRITIUM VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE USW UZ-1  ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO	01/19/93-01/29/93	SAMPLES SENT TO USGS NAT'L WATER QUALITY LAB FOR 3H ANALYSIS	A Y P
*GS940408312271.008	LABORATORY RESULTS OF CARBON 14 ANALYSIS OF GAS SAMPLES FROM BOREHOLE USW UZ-1  ACQN/DEVL LOCATION : KRUEGER ENTERPRISES GEOCHRON LAB, CAMBRIDGE, MA	01/19/93-01/29/93	SAMPLES SENT TO APPROVED SERVICE VENDOR LABORATORY FOR 14C DETERMINATION	A Y P
*GS940408312271.009	LABORATORY RESULTS OF CARBON 13/CARBON 12 ISOTOPE RATIO FROM GAS SAMPLES FROM BOREHOLE USW UZ-1  ACQN/DEVL LOCATION : USGS BR. OF PETRO. GEOLOGY, DENVER, CO	01/19/93-01/29/93	SAMPLES SENT TO USGS, BRANCH OF PETROLEUM GEOLOGY, ORGANIC GEOCHEMISTRY LABORATORY FOR CARBON 13/CARBON 12 ANALYSIS	A Y P
*GS940408312271.010	GAS CHROMATOGRAPH ANALYSIS OF GAS CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING UE-25 UZ#16 BOREHOLE GAS SAMPLING  ACQN/DEVL LOCATION : USGS UZ HYDROCHEMISTRY LAB, DENVER, CO	08/30/93-11/17/93	GAS CHROMATOGRAPH SAMPLES ARE ANALYZED BY PROCEDURES OUTLINED IN HP-160,R2, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY. SAMPLES ARE DESTROYED IN ANALYSIS.	A Y P
*GS940408312271.012	LABORATORY RESULTS OF CARBON 14 ANALYSIS OF GAS SAMPLES FROM BOREHOLE UE-25 UZ#16  ACQN/DEVL LOCATION : KRUEGER ENTERPRISES GEOCHRON LABORATORY, CAMBRIDGE, MA	08/30/93-11/17/93	SAMPLES SENT TO KRUGER ENTERPRISES GEOCHRON LABORATORY FOR 14C DETERMINATION	A Y P

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.7.2				
**GS910408312272.001	COMPARISON OF PORE-WATER EXTRACTION BY TRIAXIAL COMPRESSION AND HIGH-SPEED CENTRIFUGATION METHODS.	01/10/86-04/30/86	USGS STANDARD COLLECTION METHOD	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**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.	10/10/84-09/30/91	RECORDS KEPT OF CORE SAMPLE SEALING MATERIALS AND EXPERIMENTAL METHODS USED IN PACKAGING FOR TRANSPORT AND STORAGE.	A N C
	ACQN/DEVL LOCATION : G-TUNNEL UE-25 UZ #4 UZP5, APACHE LEAP TEST SITE, AZ			
**GS920508312272.004	DATA FROM BOREHOLE USW UZ-6S SAMPLE COLLECTION. DATA INCLUDES RECORDS OF COLLECTIONS BY DISTILLATION, COMPRESSION, CENTRIFUGATION.	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 C
	ACQN/DEVL LOCATION : USW UZ 6-S			
**GS921208312272.015	EFFECTS OF CORE SEALING METHODS ON THE PRESERVATION OF PORE WATER, BY PETE STRIFFLER AND CHARLES A. PETERS	10/01/90-12/01/92	CORES REMOVED FROM BOREHOLES WERE SUBJECTED TO EXPERIMENTAL SEALING METHODS USING WAX, PROTECORE, LEXAN, ETC. TO DETERMINE HOW BEST TO PRESERVE IN-SITU MOISTURE. DATA (PRIMARILY WEIGHT MEASUREMENTS) WERE ANALYZED TO DETERMINE WHICH SEALING METHOD WAS MOST EFFECTIVE, USING TABLES, GRAPHS AND STATISTICS.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.8.1				
**GS911008312281.002	SCIENTIFIC REPORT ENTITLED "FRACTAL CHARACTERISTICS OF FRACTURE ROUGHNESS AND APERTURE DATA", BY SUNIL KUMAR, GUDMUNDUR BODVARSSON, AND JIM BOERNGE	03/01/89-09/30/89	A COMPLETE DESCRIPTION OF THE HOT COLLECTION METHOD IS OUTLINED IN THE PAPER ENTITLED "ASSESSMENT OF FRACTURE-SAMPLING TECHNIQUES FOR LABORATORY TESTS ON CORE", BY G.R. SEVERSON AND J.M. BOERNGE. THIS PACKAGE IS LISTED UNDER TRANSMITTAL NO. HIP-91-0192 IN THE LOCAL RECORDS CENTER.	A N C

ACQN/DEVL LOCATION : G-TUNNEL, NEVADA TEST SITE

**GS930708312281.001	PRELIMINARY NUMERICAL SIMULATIONS OF GROUNDWATER FLOW IN THE UNSATURATED ZONE, YUCCA MOUNTAIN, NEVADA, BY J. RULON, G.S. BODVARSSON, AND P. MONTAZER.	01/01/85-04/22/86	A SERIES OF STEADY-STATE, TWO-DIMENSIONAL NUMERICAL SIMULATIONS OF LIQUID WATER FLOW WERE PERFORMED USING "TOUGH" (TRANSPORT OF UNSATURATED GROUNDWATER AND HEAT, PRUESS, 1983). SIMULATIONS INCLUDE: 1) MATRIX-FLOW 2) FRACTURE-FLOW 3) FRACTURE-MATRIX FLOW. MODEL USES THE INTEGRAL FINITE-DIFFERENCE METHOD (EDWARDS, 1969, NARASIMHAN AND WITHERSPOON, 1976). SIMULTANEOUS SOLUTIONS USING NEWTON-RAPHSON ITERATION. LINEARIZED EQUATIONS SOLVED USING DIRECT MATRIX SOLVER (DUFF, 1977). WATER PROPERTIES CALCULATED USING INTERNATIONAL FORMULATION COMMITTEE EQUATIONS (1967). AIR PROPERTIES CALCULATED USING IDEAL GAS AND HENRY'S LAW. LIQUID WATER FLUX USING DARCY'S LAW. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT.	D N C
----------------------	---	-------------------	--	-------

ACQN/DEVL LOCATION : LBL, BERKELEY, CA

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.9.1				
**GS930908312291.005	ESTIMATION OF UNSATURATED ZONE LIQUID WATER FLUX AT BOREHOLES UE-25 UZ#4, UE-25 UZ#5, USW UZ-7, AND USW UZ-13, YUCCA MOUNTAIN, NEVADA, FROM SATURATION AND WATER POTENTIAL PROFILES BY EDWARD M. KWICKLIS, ALAN L. FLINT, AND R.W. HEALY.	09/01/92-05/30/93	ESTIMATES WERE MADE OF LIQUID FLUX AT 4 BOREHOLE LOCATIONS USING MEASURED WATER POTENTIALS AND CONSTRUCTED SATURATION PROFILES AND ESTIMATES OF EFFECTIVE HYDRAULIC CONDUCTIVITY PROVIDED BY THE VAN GENUCHTEN HYDRAULIC FUNCTIONS. SATURATION AND FLUX CALCULATIONS PERFORMED USING LOTUS 1-2-3.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
Activity - 8.3.1.2.2.9.3				
**GS930208312293.001	GEOMETRICAL DATA FOR THE A-A' CROSS SECTION FROM THE LBL/USGS SITE-SCALE MODEL OF YUCCA MOUNTAIN. COLOR FIGURE OF GEOMETRY AND HYDROGEOLOGICAL UNIT IN CROSS SECTION A-A'. A TABLE WITH PROPERTY DATA CURRENTLY USED IN THE SITE-SCALE MODEL.	01/01/90-01/01/93	THE GEOMETRIC DATA WERE PRODUCED BY A GRID GENERATOR.	D N C
	ACQN/DEVL LOCATION : LBL, BERKELEY, CA			
*GS940508312293.001	PRELIMINARY ANALYSIS OF THREE-DIMENSIONAL MOISTURE FLOW WITHIN YUCCA MOUNTAIN, NEVADA	09/21/93-02/17/94	COMPUTER CODE TOUGH2 (K. PREUSS, "TOUGH2 - A GENERAL-PURPOSE NUMERICAL SIMULATOR FOR MULTIPHASE FLUID AND HEAT FLOW" LBL-29400) ALONG WITH THE THREE-DIMENSIONAL SITE SCALE MODEL WERE USED TO CALCULATE DISTRIBUTIONS OF WATER SATURATION, CAPILLARY PRESSURE AND GROUND WATER FLUX. NOTE: THE VAN GENUCHTEN PARAMETERS WHICH ARE USED IN FRACTURE HYDROLOGY ARE DERIVED FROM RELATIVE PERMEABILITY AND WATER RETENTION.	D N P
	ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY			

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.3.1.2				
**GS920408312312.007	MANUAL WATER-LEVEL MEASUREMENT DATA COLLECTED AT WELLS ON OR NEAR YUCCA MOUNTAIN, NEVADA. FROM PERIODIC LOGBOOK 1992.	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 C
	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			
	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			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

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

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
	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		
	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.	04/01/92-06/30/92	CONVERSION OF RAW WATER-LEVEL DATA TO TRUE D Y C DEPTHS-TO-WATER AND THE CALIBRATION REGRESSIONS WERE COMPLETED USING STANDARD MATHEMATICAL EQUATIONS.
	ACQN/DEVL LOCATION : USGS, DENVER		

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS920808312312.015	TRANSDUCER CALIBRATION DATA FROM WELLS IN THE YUCCA MOUNTAIN AREA.	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 C
	ACQN/DEVL LOCATION :			
	UE-25 B #1			
	UE-25 P #1			
	UE-25 WT #13			
	UE-25 WT #3			
	USW G-3			
	USW H-1			
	USW H-3			
	USW H-4			
	USW H-5			
	USW H-6			
	USW WT-11			
	USW WT-2			
**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.	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 C
	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			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	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			
**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 C
**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 C
**GS921108312312.023	INFORMATION REGARDING THE USE OF DATA-COLLECTION PLATFORMS TO COLLECT WATER-LEVEL DATA IN LIEU OF USING 21X MICROLOGGERS. THE INFORMATION, AND EXAMPLES OF DATA, ARE KEPT IN SCIENTIFIC NOTEBOOK -0004 (HP-196T,R0).  ACQN/DEVL LOCATION : UE-25 WT #13 UE-25 WT #3 UE-25 WT #6 UE-25B #1 UE-25P #1	02/12/90-10/17/92	SEE TECHNICAL PROCEDURE HP-196T,R0, METHOD FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS, WHICH WAS THE HYDROLOGIC PROCEDURE CONTROLLING THIS SCIENTIFIC NOTEBOOK.	A Y C

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
	USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2		
**GS930108312312.001	WATER-LEVEL DATA RESULTING FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN AT WELL SITES ON OR AROUND YUCCA MOUNTAIN, NEVADA -- FOURTH QUARTER, 1992, OF THE PERIODIC NETWORK LOGBOOK.	10/14/92-12/29/92	THE DATA WERE COLLECTED USING REELED STEEL A Y C TAPES. SEE HP-61,R0, USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); HP-75,R1, METHOD FOR MEASURING WATER LEVELS IN WELLS USING REELED (2600-FOOT AND 2800-FOOT) STEEL TAPES; HP-26,R1, METHOD FOR CALIBRATING WATER-LEVEL MEASUREMENT EQUIPMENT USING THE REFERENCE STEEL TAPE.
	ACQN/DEVL LOCATION : J-11 J-12 WATER WELL 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-25P #1 UE-29 UZN #91 UE-29A #1 UE-29A #2 UE-5N USW G-3 USW H-1 USW H-3 USW H-4		

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
	USW H-5 USW H-6 USW WT-1 USW WT-10 USW WT-11 USW WT-2 USW WT-7 WATER WELL J-13 WELL VH-1		
**GS930108312312.003	EARTHQUAKE-INDUCED WATER-LEVEL FLUCTUATIONS AT YUCCA MOUNTAIN, NEVADA, JUNE, 1992 BY G.M. O'BRIEN. BASED ON DATA FROM WELLS USW H-5, USW H-6, USW H-3, AND UE-25 P #1.  ACQN/DEVL LOCATION : USGS, DENVER, CO	07/01/92-10/21/92	DATA DEVELOPED USING STANDARD MATHEMATICAL D Y C TECHNIQUES.
**GS930208312312.004	1992 CONTINUOUS NETWORK TRANSDUCER AND RELATED DATA. DATA IN THE FORM OF LOGBOOKS AND ELECTRONIC DATA AS STORED ON THE NWIS/ADAPS SYSTEM.  ACQN/DEVL LOCATION : UE-25 WT #13 UE-25 WT #16 UE-25 WT #3 UE-25 WT #6 UE-25B #1 UE-25P #1 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6	01/01/92-12/31/92	TRANSDUCER AND RELATED DATA COLLECTED USING TRANSDUCERS/21X SYSTEMS OR TRANSDUCER/DCP SYSTEMS. REFERENCE HP-196T, R0, AND HP-196,R1, METHOD FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS; HP-60,R2, METHOD FOR MONITORING WATER LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS; HP-71,R0, METHOD FOR MONITORING WATER-LEVEL CHANGES USING A CAMPBELL SCIENTIFIC 21X MICROLOGGER.

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N  
- - -

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW WT-11 USW WT-2			
**GS930408312312.012	FIRST QUARTER OF THE 1993 PERIODIC NETWORK LOGBOOK.	01/01/93-03/31/93	MANUAL WATER-LEVEL DATA COLLECTED WITH REELED STEEL TAPES AND MULTICONDUCTOR CABLE UNIT. TECHNICAL PROCEDURES HP-75,R1 METHOD FOR MEASURING WATER-LEVELS IN WELLS USING REELED (2600-FOOT AND 2800-FOOT) STEEL TAPES, AND HP-25,R1 METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR CABLE.	A Y C
	ACQN/DEVL LOCATION : J-11 J-12 WATER WELL TEST WELL B 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-25B #1 UE-29 UZN #91 UE-29A #1 UE-29A #2 UE-5N USW G-2 USW H-1 USW H-3 USW H-4 USW H-5 USW UZ-16 USW VH-1 USW WT-1 USW WT-10 USW WT-11 USW WT-7 WATER WELL J-13			

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS930708312312.019	SECOND QUARTER 1993 PERIODIC LOGBOOK.	04/01/93-06/30/93	MANUAL WATER-LEVEL DATA COLLECTED EITHER WITH A REELED STEEL TAPE OR A MULTICONDUCTOR CABLE UNIT. REFERENCE TECHNICAL PROCEDURES HP-75,R1, METHOD FOR MEASURING WATER-LEVELS IN WELLS USING REELED (2600 FT AND 2800 FT) STEEL TAPES; AND HP-25,R1, METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR CABLE.	A Y C

ACQN/DEVL LOCATION : TEST WELL B  
 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-25B#1  
 UE-5N  
 USW G-2  
 USW H-1  
 USW H-5  
 USW H-6  
 USW VH-1  
 USW WT-10  
 USW WT-7  
 USW-WT-1  
 UZ-16  
 WELL J-11  
 WELL J-12  
 WELL J-13

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS931008312312.022	WATER-LEVEL DATA FROM THE PERIODIC NETWORK, 3RD QUARTER 1993 ONLY.	07/01/93-10/01/93	DATA COLLECTED ACCORDING TO HP-75,R1, METHOD FOR MEASURING WATER-LEVELS IN WELLS USING REELED (2600 FT AND 2800 FT) STEEL TAPES.	A Y C
	ACQN/DEVL LOCATION :			
	UE-25 WT #3			
	UE-25C #1			
	UE-25C #2			
	UE-25C #3			
	USW H-3			
	USW H-4			
	USW H-5			
	USW H-6			
	USW UZ-14			
	USW VH-1			
	USW WT-10			
	USW WT-2			
	USW WT-7			
**GS940108312312.004	MANUAL DEPTH-TO-WATER DATA FROM THE PERIODIC NETWORK, 4TH QUARTER 1993 ONLY.	10/01/93-12/31/93	HP-75,R1 "METHOD FOR MEASURING WATER LEVELS IN WELLS USING REELED (2600-FOOT AND 2800-FOOT) STEEL TAPES"; 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".	A Y C
	ACQN/DEVL LOCATION :			
	TEST WELL B			
	UE-25 WT #12			
	UE-25 WT #14			
	UE-25 WT #15			
	UE-25 WT #16			
	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-5N			

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N  
 - - -

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW G-2 USW G-3 USW H-1 USW H-3 USW H-5 USW H-6 USW UZ-14 USW VH-1 USW WT-1 USW WT-10 USW WT-2 USW WT-7 WELL J-11 WELL J-12 WELL J-13			
**GS940208312312.002	WATER-LEVEL ALTITUDE DATA FROM WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1992.  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/93-02/08/94	RAW TRANSDUCER DATA AND MANUAL DEPTH-TO-WATER DATA CONVERTED TO ALTITUDE OF THE WATER TABLE ABOVE SEA LEVEL USING STANDARD STATISTICAL TECHNIQUES.	D N C
**GS940208312312.006	WATER-LEVEL ALTITUDE DATA, 1993  ACQN/DEVL LOCATION : USGS, DENVER, CO	04/01/93-01/10/94	DEPTH-TO-WATER MEASUREMENTS CORRECTED FOR STRETCH, THERMAL EXPANSION AND BOREHOLE DEVIATION, AND ADJUSTED TO ALTITUDE OF THE WATER TABLE ABOVE SEA LEVEL.	D N C

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940408312312.008	WATER-LEVEL ALTITUDE DATA, FIRST QUARTER 1994.	01/01/94-03/31/94	HP-75,R1 "METHOD FOR MEASURING WATER-LEVELS IN WELLS USING REELED (2600 AND 2800 FT) STEEL TAPES," AND HP-25,R1 "METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR CABLE."	A N P
	ACQN/DEVL LOCATION :			
	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 #4			
	UE-25 WT #6			
	UE-25B #1			
	UE-25P #1			
	USW G-2			
	USW H-1			
	USW H-4			
	USW H-5			
	USW NRG-7			
	USW VH-1			
	USW WT-1			
	USW WT-10			
	USW WT-11			
	USW WT-2			
	USW WT-7			
	WELL J-11			
	WELL J-12			
	WELL J-13			

D O  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.3.1.3				
**GS920508312313.005	"EARTHQUAKE-INDUCED WATER-LEVEL FLUCTUATIONS AT YUCCA MOUNTAIN, NEVADA, APRIL 1992" BY G. M. O'BRIEN.	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 T
	ACQN/DEVL LOCATION : USGS			
**GS930308312313.002	PRELIMINARY HYDROGEOLOGIC ASSESSMENT OF BOREHOLES UE-25C #1, UE-25C #2, UE-25C #3, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY A.L. GELDON.	01/01/92-12/31/92	STANDARD HYDROLOGIC METHODS AND TESTS TO GENERALLY CHARACTERIZE THE C-HOLE COMPLEX SYSTEM, INCLUDING WATER LEVEL MEASUREMENTS, AQUIFER TESTS, FRACTURE ANALYSIS, ETC.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS930908312313.014	SN-0027, PULSE FLOWMETER SURVEY AT THE UE-25 C-HOLE COMPLEX, NEVADA.	12/11/91-12/16/91	HP-233T,R0 (SNP-233T), THERMAL PULSE FLOWMETER SURVEY AT THE UE-25C HOLE COMPLEX -- OFR 87-121, "THERMAL-PULSE FLOWMETER FOR MEASURING SLOW WATER VELOCITIES IN BOREHOLES" BY A.E. HESS, . IN ADDITION TO THE PROCEDURE OUTLINED IN THE OFR, A PACKER STRING WAS USED TO ISOLATE ZONES OF FLOW.	A Y C
	ACQN/DEVL LOCATION : C-HOLE COMPLEX			

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.3.1.4				
**GS920408312314.001	UE-25P #1 LITHOLOGIC LOGS, FLOW SURVEY, PUMPING AND INJECTION TESTS, WATER LEVEL, POTENTIOMETRIC, BORE HOLE PRESSURE, PERMEABILITY, AND TRANSMISSIVITY DATA.	11/14/82-05/03/83	USGS STANDARD COLLECTION METHODS.	A N C
	ACQN/DEVL LOCATION : UE-25P #1			
Activity - 8.3.1.2.3.2.1				
**GS920508312321.004	CHEMICAL ANALYSES OF WATER FROM SELECTED WELLS AND SPRINGS IN THE YUCCA MOUNTAIN AREA, NEVADA AND SOUTHEASTERN CALIFORNIA, BY P.W. MCKINLEY, M.P. LONG, AND L.V. BENSON	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 C
	ACQN/DEVL LOCATION : USGS, DENVER			
Activity - 8.3.1.2.3.3.2				
**GS930808312332.003	POROSITIES OF CORE SAMPLES FROM BULLFROG MEMBER FORMATION (EAST OF LITTLE SKULL MOUNTAIN)	07/22/93-07/27/93	HP-229,R1, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES	A Y C
	ACQN/DEVL LOCATION : HRF, AREA 25, NTS			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.3.2.1				
*LA000000000075.001	PRELIMINARY FINDINGS ON THE VARIABILITY IN CALCITE PETROGRAPHY, CHEMISTRY, AND STABLE-ISOTOPE COMPOSITIONS OF CALCRETE IN RELATIONSHIP TO PALEOENVIRONMENTS.	01/01/93-12/17/93	PETROGRAPHY, INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS, A Z X-RAY DIFFRACTION SCANNING ELECTRON MICROSCOPY, LOW-TEMPERATURE ASHING, AND STABLE ISOTOPE ANALYSIS.	A Y P
	ACQN/DEVL LOCATION : LANL AND USGS			
Activity - 8.3.1.3.2.1.2				
**LA000000000015.002	GEOLOGICAL EVALUATION OF SIX NON-WELDED TUFF SITES IN THE VICINITY OF YUCCA MOUNTAIN, NEVADA, FOR A SURFACED BASED TEST FACILITY FOR THE YUCCA MOUNTAIN PROJECT.	03/01/91-02/28/93	X-RAY DIFFRACTION, MODAL PETROGRAPHY AND CHEMISTRY.	D Y T
	ACQN/DEVL LOCATION : LANL			
Activity - 8.3.1.3.2.2.1				
*LA000000000023.001	PRELIMINARY ASSESSMENT OF CLINOPTILOLITE K/AR RESULTS FROM YUCCA MOUNTAIN NEVADA ,USA; A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE.	08/01/89-10/30/91	XRD ANALYSIS, POTASSIUM ANALYSIS BY FLAME PHOTOMETER, ARGON ANALYSIS BY MASS SPECTROMETER AND MINERAL SEPARATION IN DEIONIZED WATER AND HEAVY LIQUIDS	A Y C
	ACQN/DEVL LOCATION : CASE WESTERN RESERVE UNIVERSITY, CLEVELAND, OH LANL			
*LA000000000095.001	UTILITY OF ALKALI ZEOLITES AS LOW-TEMPERATURE DATEABLE MINERALS	02/01/92-02/01/93	COEXISTING FINE-GRAINED AUTHIGENIC SILICATE MINERALS SEPARATED FROM ALTERED TUFFS IN MIOCENE AND QUATERNARY LACUSTRINE DEPOSITS WERE CHARACTERIZED BY X-RAY POWDER DIFFRACTION AND DATED BY THE K/AR METHOD TO EVALUATE THE UTILITY OF THESE MINERALS FOR DETERMINING THE TIME OF DIAGENESIS IN LOW TEMPERATURE SETTINGS.	A Y P
	ACQN/DEVL LOCATION : LANL			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.3.4.1.1				
*LA000000000090.001	NEPTUNIUM TRANSPORT IN YUCCA MOUNTAIN TUFFS: STATUS REPORT	10/01/92-09/30/93	TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES LANL-INC-DP-15 CRUSHED ROCK COLUMN STUDIES LANL-INC-DP-35 PH MEASUREMENT LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK	A Y P
ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY				
*LA000000000091.001	EFFECTS OF WATER ROCK RATIO ON SORPTION COEFFICIENTS	10/01/92-09/30/93	LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES	A Y P
ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY				

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*LA00000000092.001	SORPTION AS A FUNCTION OF TEMPERATURE	10/01/92-09/30/93	LANL-INC-DP-35 PH MEASUREMENT, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES, LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING SAMPLES, TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES, LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK	A Y P

ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY

Activity - 8.3.1.3.4.1.2

*LA00000000090.001	NEPTUNIUM TRANSPORT IN YUCCA MOUNTAIN TUFFS: STATUS REPORT	10/01/92-09/30/93	TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES LANL-INC-DP-15 CRUSHED ROCK COLUMN STUDIES LANL-INC-DP-35 PH MEASUREMENT LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK	A Y P
--------------------	---	-------------------	---	-------

ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*LA000000000091.001	EFFECTS OF WATER ROCK RATIO ON SORPTION COEFFICIENTS	10/01/92-09/30/93	LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES	A Y P
ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY				
*LA000000000092.001	SORPTION AS A FUNCTION OF TEMPERATURE	10/01/92-09/30/93	LANL-INC-DP-35 PH MEASUREMENT, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES, LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING SAMPLES, TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES, LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK	A Y P
ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY				

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.3.4.1.3				
*LA000000000090.001	NEPTUNIUM TRANSPORT IN YUCCA MOUNTAIN TUFFS: STATUS REPORT	10/01/92-09/30/93	TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES LANL-INC-DP-15 CRUSHED ROCK COLUMN STUDIES LANL-INC-DP-35 PH MEASUREMENT LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK	A Y P
ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY				
*LA000000000091.001	EFFECTS OF WATER ROCK RATIO ON SORPTION COEFFICIENTS	10/01/92-09/30/93	LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES	A Y P
ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY				

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*LA000000000092.001	SORPTION AS A FUNCTION OF TEMPERATURE	10/01/92-09/30/93	LANL-INC-DP-35 PH MEASUREMENT, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES, LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING SAMPLES, TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES, LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK	A Y P

ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY

Activity - 8.3.1.3.5.1.1

*LA000000000033.002	MEASURED SOLUBILITIES AND SPECIATIONS FROM OVERSATURATION EXPERIMENTS OF NEPTUNIUM, PLUTONIUM AND AMERICIUM IN UE25P#1 WELL WATER FROM THE YUCCA MOUNTAIN PROJECT	01/01/92-12/30/92	THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION.	D N P
---------------------	---	-------------------	---	-------

ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY

SITE CHARACTERIZATION PLAN BASELINE

D O  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.3.6.1.1				
*LA000000000090.001	NEPTUNIUM TRANSPORT IN YUCCA MOUNTAIN TUFFS: STATUS REPORT	10/01/92-09/30/93	TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES LANL-INC-DP-15 CRUSHED ROCK COLUMN STUDIES LANL-INC-DP-35 PH MEASUREMENT LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK	A Y P
ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY				
Activity - 8.3.1.3.6.2.1				
**LA000000000034.001	DIFFUSION OF SORBING AND NON-SORBING RADIONUCLIDES	11/25/91-03/25/92	THE EXPERIMENTAL TECHNIQUE INVOLVES MAKING A Y C CONTAINERS MADE OF TUFF INTO THE FORM OF BEAKERS. A SOLUTION OF J-13 WELL WATER AND RADIONUCLIDES OF INTEREST.	
ACQN/DEVL LOCATION : LANL				
**LA000000000034.002	DIFFUSION OF SORBING AND NON-SORBING RADIONUCLIDES.	11/25/91-03/25/92	DIFFUSION MEASUREMENTS IN ROCK BEAKERS.	D Y T
ACQN/DEVL LOCATION : LANL				

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N  
- - -

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.1.2				
*TMUE25UZ160094.001	VERTICAL SEISMIC PROFILE (VSP) OF UE-25 UZ-16 (JOB ID #93-UZ16-01) PERFORMED BY SCHLUMBERGER WELL SERVICES ON 8/3/93 THROUGH 8/6/93. DATA CONSISTS OF 2 TAPES: 1 TAPE OF BOLT OMNIPULSE DATA AND 1 TAPE OF IVI MINIVIBE DATA.	08/03/93-08/06/93	GEOPHYSICAL LOGGING DATA COLLECTED USING PROCEDURE AP-S.III.1-Q, REV. 0, ICN 0, 6/11/93, "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FIELD VERIFICATION OF GEOPHYSICAL LOGGING OPERATIONS"	A Y P
	ACQN/DEVL LOCATION : N760.535.17(N) E564,857.52(N) 52' TO 1686'			
*TMUSWWT2000094.001	VERTICAL SEISMIC PROFILE (VSP) OF BOREHOLE USW WT-2 (JOB ID# 93-WT2-01) PERFORMED BY LAWRENCE BERKLEY LABORATORY (LBL). DATA CONSISTS OF LOGGER'S LOG AND DATA TAPES OF DIGITIZED WAVEFORMS.	08/24/93-08/27/93	GEOPHYSICAL LOGGING DATA COLLECTED USING PROCEDURE AP S.III.1-Q, REV. 0, ICN 0, 6/11/93, "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FIELD VERIFICATION OF GEOPHYSICAL LOGGING OPERATIONS."	A Y P
	ACQN/DEVL LOCATION : N760,660.54' (N) E561,923.56' (N) 60' TO 2010'			
Activity - 8.3.1.4.2.1.1				
**GS930208314211.008	STRATIGRAPHY, STRUCTURE AND SOME PETROGRAPHIC FEATURES OF TERTIARY VOLCANIC ROCKS AT THE USW G-2 DRILLHOLE, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY F. MALDONADO AND S.L. KOETHER.	01/01/82-08/26/83	DESCRIPTIONS AND INTERPRETATIONS OF THE DRILL HOLE HISTORY, STRATIGRAPHY, LITHOLOGY, FOLIATION AND BEDDING, FRACTURE ANALYSIS (FRACTURES, SHEAR FRACTURES AND FAULT ZONES, FRACTURE-FILLINGS AND COATINGS, AND CORE INDEX); AND THE MINERALS PRESENT IN CORE SAMPLES USING THE X-RAY DIFFRACTION METHOD.	D N T
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

SITE CHARACTERIZATION PLAN BASELINE

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS930708314211.029	PRELIMINARY LITHOLOGIC LOG OF TEST HOLE USW UZ-6, NEVADA.	10/01/84-07/31/85	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE DRILLED PRIOR TO MAY 1985. INVESTIGATOR USED X-RAY ANALYSIS, THIN SECTIONS AND SCIENTIFIC OBSERVATIONS.	A N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS930708314211.030	PRELIMINARY LITHOLOGY WELL REPORTS: UE-25 WT #4, USW WT-11, AND UE-25 WT #12	02/01/84-04/23/88	ANALYSIS OF CORE DRILLED PRIOR TO 1984. GEOPHYSICAL LOGS MADE FROM SCIENTIFIC OBSERVATIONS OF BIT CUTTING SAMPLES.	A N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS930708314211.031	PRELIMINARY LITHOLOGIC LOG OF TEST HOLE USW UZ-7, NEVADA.	05/17/85-07/31/85	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE DRILLED PRIOR TO MAY 1985. INVESTIGATOR USED X-RAY ANALYSIS, THIN SECTIONS AND SCIENTIFIC OBSERVATIONS.	A N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS930708314211.032	PRELIMINARY LITHOLOGIC LOG OF TEST HOLES UE-25C #1, UE-25C #2, AND UE-25C #3, NEVADA.	02/01/84-07/31/85	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE DRILLED PRIOR TO MAY 1985. INVESTIGATOR USED X-RAY ANALYSIS, THIN SECTIONS AND SCIENTIFIC OBSERVATIONS.	A N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS930708314211.033	PRELIMINARY LITHOLOGIC LOG OF TEST HOLE USW UZ-1.	02/01/84-07/31/85	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE DRILLED PRIOR TO MAY, 1985. INVESTIGATOR USED X-RAY ANALYSIS, THIN SECTIONS AND SCIENTIFIC OBSERVATIONS.	A N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS931008314211.034	PRELIMINARY LITHOLOGY WELL REPORT FOR UE-25WT#14	02/01/84-04/23/88	ANALYSIS OF CORE DRILLED PRIOR TO FEBRUARY A N C 1984. GEOPHYSICAL LOGS WERE MADE FROM SCIENTIFIC OBSERVATIONS OF BIT CUTTING SAMPLES.	
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS931208314211.047	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE UE-25 UZ #16, VERSION 1.0	01/01/93-11/18/93	THESE DATA WERE ACQUIRED FROM ANALYSES OF A Y C CORE USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP.	
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS			
**GS940208314211.002	TABLE OF CONTACTS IN BOREHOLES USW UZ-N62, VERSION 1.0, BY T. MOYER	01/01/94-01/13/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF A Y T CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
**GS940208314211.003	TABLE OF CONTACTS IN BOREHOLES USW UZ-N53, USW UZ-N54 AND USW UZ-N55, VERSION 1.0, BY T. MOYER AND J. GESLIN	01/01/94-01/13/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF A Y T CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS940208314211.004	TABLE OF CONTACTS IN BOREHOLE USW UZ-N27, VERSION 1.0, BY T. MOYER AND J. GESLIN	01/01/94-02/28/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y T
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
**GS940208314211.005	TABLE OF CONTACTS IN BOREHOLES USW UZ-N31, UZ-N32, UZ-N37, VERSION 1.0, BY T. MOYER AND J. GESLIN	01/01/94-02/28/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y T
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
**GS940208314211.006	TABLE OF CONTACTS IN BOREHOLES USW UZ-N33 AND USW UZ-N34 VERSION 1.0, BY T. MOYER AND J. GESLIN	01/01/94-02/28/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y T
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
**GS940208314211.007	TABLE OF CONTACTS IN BOREHOLE USW UZ-N35, VERSION 1.0, BY T. MOYER AND J. GESLIN	01/01/94-02/28/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y T
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS940208314211.008	TABLE OF CONTACTS IN BOREHOLES USW UZ-N57, UZ-N58, UZ-N59, AND UZ-N61, VERSION 1.0, BY T. MOYER AND J. GESLIN	01/01/94-02/28/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y T
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
**GS940308314211.012	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE UE-25 NRG#2C BY T. MOYER	02/01/94-03/04/94	THESE DATA WERE ACQUIRED FROM ANALYSIS OF CORE USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
**GS940308314211.013	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE UE-25 NRG#2D BY T. MOYER	02/01/94-03/04/94	THESE DATA WERE ACQUIRED FROM ANALYSIS OF CORE USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
**GS940308314211.014	TABLE OF LITHOLOGIC CONTACTS IN BOREHOLE USW NRG-7/7A TO TOTAL DEPTH, VERSION 1.0, BY T. MOYER AND J. GESLIN	03/01/94-03/11/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP.	A Y C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940308314211.015	PRELIMINARY LITHOLOGY WELL REPORTS; UE-25 WT #13 AND UE-25 WT #15	02/01/84-04/23/88	THESE DATA WERE ACQUIRED FROM ANALYSIS OF CORE DRILLED PRIOR TO 1984. DATA ARE GEOPHYSICAL LOGS MADE FROM SCIENTIFIC OBSERVATIONS OF BIT CUTTING SAMPLES.	A N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS940308314211.016	TABLE OF CONTACTS IN BOREHOLE USW UZN-64, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN	03/01/94-03/25/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS			
*GS940308314211.017	TABLE OF CONTACTS IN BOREHOLE UE-25 UZN#63, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN	03/01/94-03/25/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS			
*GS940308314211.018	TABLE OF CONTACTS IN BOREHOLE USW UZ-N36, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN	03/01/94-03/25/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940308314211.019	TABLE OF CONTACTS IN BOREHOLES USW UZ-N15, USW UZ-N16, AND USW UZ-N17, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN	03/01/94-03/25/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS			
*GS940408314211.020	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE USW NRG-7/7A, VERSION(S) 1.(N), BY J. GESLIN AND T. MOYER	03/01/94-03/25/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP	A Y C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
*GS940408314211.021	PRELIMINARY LITHOLOGY WELL REPORT: UE-25 WT#5	02/01/84-04/23/88	THESE DATA WERE ACQUIRED FROM ANALYSIS OF CORE DRILLED PRIOR TO 1984. DATA ARE GEOPHYSICAL LOGS MADE FROM SCIENTIFIC OBSERVATIONS OF BIT CUTTING SAMPLES.	A N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS940608314211.022	LITHOSTRATIGRAPHIC DATA FOR THE PROW PASS TUFF IN USW-G1, G2, GU-3, AND G4, UE-25A#1, UE-25C #1, #2, AND #3, AND FIELD OBSERVATIONS FROM RAVEN CANYON AND PROW PASS, BY T.C. MOYER	03/03/94-06/09/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND FIELD OBSERVATIONS USING SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE; BIT CUTTINGS, AND OUTCROP".	A N P
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940608314211.025	LITHOSTRATIGRAPHIC DATA FOR THE CALICO HILLS FORMATION IN USW G-1, G-2, GU-3, AND G-4, UE-25 A#1, UE-25C #1, #2, AND FIELD OBSERVATIONS FROM BUSTED BUTTE AND PROW PASS, BY J.K. GESLIN  ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	03/03/94-05/25/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND FIELD OBSERVATIONS USING SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP".	A N P
*GS940608314211.026	LITHOSTRATIGRAPHIC DATA FOR THE CALICO HILLS FORMATION IN UE-25 UZ#16 BY J.K. GESLIN  ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	04/18/94-04/20/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND FIELD OBSERVATIONS USING SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP".	A Y P
*GS940608314211.029	X-RAY FLUORESEENCE ELEMENTAL COMPOSITIONS DETERMINED 3/23/94 TO 3/25/94.  ACQN/DEVL LOCATION : USGS, DENVER, CO	03/23/94-03/25/94	USGS TECHNICAL PROCEDURE GCP-25,R0 DETERMINATION OF CHEMICAL COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY	A Y P

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.1.2				
**GS900908314212.008	INTERPRETATION OF TIME-DOMAIN ELECTROMAGNETIC SOUNDINGS IN THE CALICO HILLS AREA, NEVADA TEST SITE, NEVADA, BY JAMES KAUAHIKAUA.  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/80-04/01/81	USGS STANDARD METHODS.	D N C
**GS920508314212.006	GRAVITY AND MAGNETIC DATA OF FORTY MILE WASH, NEVADA TEST SITE, NEVADA, BY D.A. PONCE, S.B. KOHRN, AND SANDRA WADDELL.  ACQN/DEVL LOCATION : USGS	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 T
*GS921108314212.009	GRAVITY AND MAGNETIC ANOMALIES IN THE VICINITY OF YUCCA MOUNTAIN, NEVADA AND THEIR GEOLOGIC IMPLICATIONS, BY DAVID A. PONCE AND H.W. OLIVER  ACQN/DEVL LOCATION : USGS, MENLO PARK, CA	01/01/90-12/15/90	COMPILATION OF GRAVITY AND AEROMAGNETIC SURVEYS.	D N P

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.1.3				
**GS900908314213.008	BOREHOLE GRAVITY METER SURVEY IN DRILL HOLE USW G-4, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY D.L. HEALEY, F.G. CLUTSOM, & D.A. GLOVER.  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/85-04/08/86	USGS STANDARD METHODS.	D N C
**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 C
**GS930308318512.002	VOLCANO-TECTONIC HISTORY OF CRATER FLAT, SOUTHWESTERN NEVADA, AS SUGGESTED BY NEW EVIDENCE FROM DRILL HOLE USW-VH-1 (USW VH-1) AND VICINITY, BY W.J. CARR.  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/81-03/16/82	SUMMARIES AND INTERPRETATIONS OF THE DRILL-HOLE LOCATION, HISTORY, LITHOLOGIC LOG, AND STRATIGRAPHY; AND THE STRUCTURAL FRAMEWORK, AEROMAGNETIC ANOMALIES, AND VOLCANO-TECTONIC HISTORY OF CRATER FLAT.	D N T
**GS931208314213.011	SATURATION LEVELS AND TRENDS IN THE UNSATURATED ZONE, YUCCA MOUNTAIN, NEVADA, BY P. NELSON.  ACQN/DEVL LOCATION : USGS, DENVER, CO	08/01/93-12/15/93	CALIPER, DENSITY, AND EPITHERMAL NEUTRON LOGS WERE EXAMINED; WATER CONTENT AND POROSITY WERE COMPUTED TO ANALYZE TRENDS. LOGS FROM 15 "WT" BOREHOLES DRILLED TO THE DEPTH OF THE STATIC WATER LEVEL ARE PRESENTED.	D N C

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.2.1				
**GS900908314221.005	PHOTOGEOLOGIC STUDY OF SMALL-SCALE LINEAR FEATURES NEAR A POTENTIAL NUCLEAR-WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA, BY C.K. THROCKMORTON	01/01/85-12/31/85	USGS STANDARD METHODS. LINEAR FEATURES WERE MAPPED FROM AERIAL PHOTOGRAPHS BY MEANS OF A KERN PG 2 STEREO PLOTTER. FRACTURE-TRACE BEARINGS AND FRACTURE-TRACE LENGTHS OF CERTAIN AREAS WERE RECORDED ON FIELD TRIPS.	D N C
	ACQN/DEVL LOCATION : NORTHERN HALF OF YUCCA MOUNTAIN, NTS USGS			
**GS940108314221.002	THE SUNDANCE FAULT: A NEWLY RECOGNIZED SHEAR ZONE AT YUCCA MOUNTAIN, NEVADA, BY R.W. SPENGLER, C.A. BRAUN, L.G. MARTIN, AND C.W. WEISENBERG.	10/01/93-12/31/93	THIS REPORT WAS DEVELOPED BY INTERPRETING DETAILED STRUCTURAL MAPPING OF AN AREA THAT STRADDLES THE SURFACE OF THE GHOST DANCE FAULT. CONCLUSIONS WERE BASED ON OBSERVATIONS AND MAP ANALYSIS AT 1:240 AND 1:600 SCALES.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS940308314221.003	FRACTURE AND GEOLOGIC CONTACT MAP OF A PORTION OF THE GHOST DANCE FAULT, NYE COUNTY, NEVADA, SCALE 1:480, BY C.A. BRAUN, R.W. SPENGLER, L.G. MARTIN, R.M. LINDEN, R.L. BLACKBURN, AND D.M. ROSS-BROWN	01/01/94-03/01/94	THIS REPORT WAS DEVELOPED BY CREATING DETAILED FRACTURE AND GEOLOGIC MAPS OF AN AREA THAT STRADDLES THE SURFACE OF THE GHOST DANCE FAULT	D Y P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940508314221.004	MAPPING OF GEOLOGIC AND STRUCTURAL FEATURES OF THE ARP-1 EXPOSURE, YUCCA MOUNTAIN, NEVADA  ACQN/DEVL LOCATION : N762900.00(N) E562300.00(N)	02/15/94-05/03/94	TECHNICAL PROCEDURE NWM-USGS GP-01,R2, GEOLOGIC MAPPING	A Y P
Activity - 8.3.1.4.2.2.2				
*GS940308314222.001	FRACTURE DATA FOR PAVEMENT ARP-1, 12/17-22/93, 2/8-12/94, 2/28/94, AND 3/1/94  ACQN/DEVL LOCATION : N762,743.93(N) E562,488.87(N) ARP-1	12/17/93-12/22/93 02/08/94-02/12/94 02/28/94-02/28/94 03/01/94-03/01/94	TECHNICAL PROCEDURE NWM-USGS GP-12,R1, MAPPING ON PAVEMENTS, OUTCROPS, AND ALONG TRAVERSES.	A Y P
*GS940608314222.002	CHARACTERIZING FRACTURED ROCK FOR FLUID-FLOW, GEOMECHANICAL, AND PALEOSTRESS MODELING: METHODS AND PRELIMINARY RESULTS FROM YUCCA MOUNTAIN, NEVADA BY: C.C. BARTON, E. LARSEN, W.R. PAGE, T.M. HOWARD  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/90-01/01/91	CHARACTERIZATION AND MAPPING OF A COMPLEX NETWORK OF FRACTURES WHICH WAS EXPOSED ON THREE 214 TO 260 SQUARE METER PAVEMENTS IN THE UPPER LITHOPHYSAL UNIT OF THE TIVA CANYON MEMBER OF THE MIOCENE PAINTBRUSH TUFF.	D N P
**LA000000000031.001	PRELIMINARY FRAN RIDGE WATER USE JOB PACKAGE 92-7. THIS PRELIMINARY DATA INDICATES THE QUANTITY OF WATER USED AND ITS PURPOSE DURING FRAN RIDGE PIT MAPPING.  ACQN/DEVL LOCATION : FRAN RIDGE	09/29/92-10/01/92	DATA WAS COLLECTED UNDER REECO PROCEDURE CND-SOP-001 "WATER ACCOUNTABILITY ON THE YMP. TOTALS ARE A SUMMATION OF WATER USAGE AMOUNTS. FINALS RECEIVED WILL BE SUBMITTED TO THE DRC 018 FILE AND CLOSED WITH JP-92-7.	D Y T

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.2.4				
**GS940208314224.002	FULL PERIPHERY MAP/STARTER TUNNEL	01/01/94-02/28/94	FIELD DATA IS EXPORTED INTO DIPS AND NWA STATPAK THEN EXPORTED TO AUTOCAD. THE ANALYSIS PAPER DESCRIBES THE COLLECTION METHOD AND LIMITATIONS AND ADDITIONAL EXPLANATIONS FOR THE FULL PERIPHERY MAP	D Y C
ACQN/DEVL LOCATION : USBR, DENVER, CO				
Activity - 8.3.1.4.2.2.5				
**GS900908314211.013	GEOPHYSICAL STUDIES OF THE SYNCLINE RIDGE AREA, NEVADA TEST SITE, NYE COUNTY, NEVADA, BY D.B. HOOVER, W.J. HANNA, L.A. ANDERSON, V.J. FLANIGAN, AND L.W. PANKRATZ	01/01/77-12/31/81	GRAVITY, MAGNETIC, SEISMIC REFRACTION AND REFLECTION, AND FOUR DISTINCT ELECTRICAL METHODS EMPLOYED IN ATTEMPT TO DEFINE THE STRUCTURAL INTEGRITY AND SHAPE OF THE PROPOSED REPOSITORY MEDIUM.	D N C
ACQN/DEVL LOCATION : USGS				
Activity - 8.3.1.4.3.1				
*TM000000SD12RP.001	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION: - SHIFT DRILLING SUMMARIES (YMP-012-R2) - STRUCTURAL LOGS (YMP-011-R4) - LITHOLOGIC LOGS (YMP-009-R4) FROM 300.8 THROUGH 540.7 FEET	04/01/94-04/25/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF: FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y P
ACQN/DEVL LOCATION : N:761,956.6(N) (EST.) E:561,605.7(N) (EST.) GROUND ELEV. 4343.0 FEET				

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TM000000SD12RP.002	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS FROM 540.7 TO 600.7 FEET AND IS RECORDED ON THE FOLLOWING DOCUMENTS: -SHIFT DRILLING SUMMARIES (YMP-012-R2) -STRUCTURAL LOGS (YMP-011-R4) -LITHOLOGIC LOGS (YMP-009-R4)	04/26/94-05/02/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF; FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y P
	ACQN/DEVL LOCATION : N:761,956.6(N) (EST) E:561,605.7(N) (EST) GROUND ELEV. 4343.0 FEET			
*TM000000SD12RP.003	USW-SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS FROM 600.7 TO 660.7 FEET AND IS RECORDED ON THE FOLLOWING DOCUMENTS: - SHIFT DRILLING SUMMARIES (YMP-012-R2) - STRUCTURAL LOGS (YMP-001-R4) - LITHOLOGIC LOGS (YMP-009-R4).	05/03/94-05/06/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF; FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y P
	ACQN/DEVL LOCATION : N:761,956.6(N) (EST) E:561,605.7(N) (EST) GROUND ELEV. 4343.0 FEET			
*TM000000SD12RP.004	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS RECORDED ON THE FOLLOWING DOCUMENTS: - SHIFT DRILLING SUMMARIES (YMP-012-R2), 660.7' TO 700.8'; - STRUCTURAL LOGS (YMP-001-R4), 667.9' TO 699.7'; AND - LITHOLOGIC LOG (YMP-009-R4), 650.0' TO 675.0'.	05/09/94-05/13/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF; FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y P
	ACQN/DEVL LOCATION : N:761,956.6(N) (EST) E:561,605.7(N) (EST) GROUND ELEV. 4343.0'			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N  
- - -

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TM000000SD12RP.005	USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS RECORDED ON THE FOLLOWING DOCUMENTS: - SHIFT DRILLING SUMMARIES (YMP-012-R2), 700.8-703.9; - STRUCTURAL LOGS (YMP-001-R4), 699.5-714.9; AND - LITHOLOGIC LOGS (YMP-009-R4), 675.0 TO 725.0.	05/16/94-05/20/94	SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF; FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES.	A Y P
	ACQN/DEVL LOCATION : N:761,956.6(N) (EST) E:561,605.7(N) (EST) GROUND ELEV. 4343.0'			
	Activity - 8.3.1.5.1.2.2			
**GS921208315122.002	MICROFOSSILS AS INDICATORS OF PALEOHYDROLOGY AND PALEOCLIMATE, BY RICHARD M. FORESTER AND ALISON J. SMITH.	10/01/92-11/30/92	OSTRACODES ARE ANALYZED TO SHOW THAT THEY ARE SENSITIVE HYDROLOGICAL AND CLIMATICAL INDICATORS.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER			
	Activity - 8.3.1.5.1.3.1			
**GS940208315131.001	RADIOCARBON DATING ANALYSES OF VEGETATIVE MATERIALS FROM PACKRAT MIDDENS	07/15/93-10/27/93	ANALYSES WERE PROVIDED BY BETA ANALYTIC, AN APPROVED YMP-USGS VENDOR, USING THE AMS TECHNIQUE AND REPORTED AS RCYBP. STANDARDS AND CONVENTIONS ARE FULLY ANNOTATED.	A Y C
	ACQN/DEVL LOCATION : BETA ANALYTIC INC., MIAMI, FLORIDA			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.5.1.4.1				
**GS911008315141.001	DESCRIPTIONS OF SOIL MICROMORPHOLOGY IN THIN SECTIONS OF SELECTED SOIL HORIZONS AND X-RAY DIFFRACTION ANALYSIS OF CLAY MINERALOGY IN SELECTED SOIL HORIZONS	01/01/86-12/31/86	VERBAL DESCRIPTION OF MICROMORPHOLOGICAL SOIL PROPERTIES USING A POLARIZING LIGHT MICROSCOPE. CLAY MINERALOGY BY STANDARD TECHNIQUES USING X-RAY DIFFRACTOMETER.	A N C
	ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W USGS, DENVER, CO			
**GS911008315141.002	MAJOR-OXIDE, TRACE ELEMENTS, AND IRON-OXIDE ANALYSIS OF SELECTED SOIL SAMPLES.	07/04/86-12/11/86	FE-OXIDE BY WET CHEMICAL METHODS; TRACE ELEMENTS BY EDXRF; MAJOR OXIDES BY X-RAY SPECTROSCOPY.	A N C
	ACQN/DEVL LOCATION : USGS, DENVER			
**GS911008315141.003	SOIL DESCRIPTION SHEETS AND TRENCH LOCATIONS AND DESCRIPTION OF FIELD SETTING; CHANNEL ALLUVIUM SAMPLES AND VOLUMES; AND DETAILED DESCRIPTIONS OF TRENCH LOCATIONS.	04/22/85-05/03/85 03/16/87-03/28/87	GP-07,R0, GEOLOGIC TRENCHING STUDIES.	A N C
	ACQN/DEVL LOCATION : 36 15'N 115 31'W ;36 23'N 115 20'W			
**GS911008315141.004	LABORATORY CHEMICAL ANALYSIS AND CALCULATIONS OF NON-PEDOGENIC CACO3 CONTENT OF SELECTED SOILS.	06/18/86-03/26/87 10/01/88-10/31/88	DRAFT, GP-21,R0, LABORATORY ANALYSIS OF SOILS, FOR SOIL ANALYSES (CHEMICAL). VIDEO CACO3 MEASUREMENTS DONE BY REAL MEASUREMENTS ON SLABS AND BY POINT-COUNTING THIN SECTIONS. CALCULATIONS FOR NON-CACO3 PEDOGENIC MATERIAL DONE BY HAND CALCULATOR USING DATA ON PRESENT PEDOGENIC MATERIAL, % CACO3, HORIZON THICKNESS, AND BULK DENSITY.	A N C
	ACQN/DEVL LOCATION : U.N.M., ALBUQUERQUE, NM			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS911008315141.005	COMPUTER CALCULATIONS OF SOIL AGES VS. FIELD PROPERTIES - REGRESSION STATISTICS.  ACQN/DEVL LOCATION : USGS, DENVER  Activity - 8.3.1.5.1.4.2	03/01/90-01/31/91	LINEAR REGRESSION TECHNIQUES APPLIED TO SOIL FIELD DATA AND SOIL AGES, USING STATPRO PROGRAMS.	D N C
**GS900908315142.002	URANIUM-TREND DATING OF QUATERNARY DEPOSITS IN THE NEVADA TEST SITE AREA, NEVADA AND CALIFORNIA, BY ROSHOLT, BUSH, CARR, HOOVER, SWADLEY, AND DOOLEY. ANALYSES OF 36 SAMPLE UNITS ARE INCLUDED IN THIS REPORT.  ACQN/DEVL LOCATION : USGS, DENVER, CO  Activity - 8.3.1.5.2.1.1	01/01/85-09/16/85	USGS STANDARD METHODS.	D N C
*GS940508315211.002	HYDROLOGY OF MODERN AND LATE HOLOCENE LAKES, DEATH VALLEY, CALIFORNIA, BY DENNIS N. GRASSO.  ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	03/02/93-04/22/94	DATA COMPILED AND ANALYZED USING BEST SCIENTIFIC METHODS.	D N P

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.5.2.1.4				
**GS910908315214.003	METEOROLOGICAL, STREAM-DISCHARGE, AND WATER-QUALITY DATA FOR 1986 THROUGH 1991 FROM TWO SMALL BASINS IN CENTRAL NEVADA, BY P.W. MCKINLEY AND T.A. OLIVER	09/01/90-08/31/93	DATA WAS DEVELOPED INTO DAILY VALUE TABLES USING THE NATIONAL WATER INFORMATION SYSTEM (NWIS) DATABASE.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS920508315214.021	SNOW SURVEY NOTES FOR VEG SPRING FOR THE 1988 WATER YEAR AND THE 1989 WATER YEAR.	04/05/88-02/22/89	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-165, R0, METHOD FOR MEASURING SNOW WATER CONTENT	A N C
	ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W			
**GS920508315214.022	SNOW SURVEY NOTES FOR VEG SPRING FOR THE 1990 WATER YEAR.	01/30/90-04/30/90	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-165, R0, METHOD FOR MEASURING SNOW WATER CONTENT.	A Y C
	ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W			
**GS920508315214.023	SNOW SURVEY NOTES FOR VEG SPRING FOR THE 1991 WATER YEAR.	01/29/91-01/29/91	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-165, R0, METHOD FOR MEASURING SNOW WATER CONTENT.	A Y C
	ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W			
**GS920508315214.024	SNOW SURVEY NOTES FOR STEWART BASE FOR THE 1988 WATER YEAR AND THE 1989 WATER YEAR.	04/05/88-02/22/89	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-165, R0, METHOD FOR MEASURING SNOW WATER CONTENT.	A N C
	ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS920508315214.025	SNOW SURVEY NOTES FOR STEWART BASE FOR THE 1990 WATER YEAR.	01/31/90-04/03/90	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-165, R0, METHOD FOR MEASURING SNOW WATER CONTENT.	A Y C
	ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W			
**GS920508315214.026	SNOW SURVEY NOTES FOR STEWART BASE FOR THE 1991 WATER YEAR.	01/29/91-01/29/91	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-165, R0, METHOD FOR MEASURING SNOW WATER CONTENT.	A Y C
	ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W			
**GS920508315214.027	SNOW SURVEY NOTES FOR KAWICH BASE FOR THE 1989 WATER YEAR.	02/23/89-02/23/89	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-165, R0, METHOD FOR MEASURING SNOW WATER CONTENT.	A N C
	ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W			
**GS920508315214.028	SNOW SURVEY NOTES FOR KAWICH BASE FOR THE 1990 WATER YEAR.	01/30/90-01/30/90	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-165, R0, METHOD FOR MEASURING SNOW WATER CONTENT.	A Y C
	ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W			
**GS920508315214.029	SNOW SURVEY NOTES FOR KAWICH PEAK FOR THE 1989 WATER YEAR.	02/23/89-02/23/89	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-165, R0, METHOD FOR MEASURING SNOW WATER CONTENT.	A N C
	ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W			

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**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 WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-165, R0, METHOD FOR MEASURING SNOW WATER CONTENT.	A Y C
**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 WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-165, R0, METHOD FOR MEASURING SNOW WATER CONTENT.	A Y C
*GS930908315214.030	CHEMICAL ANALYSIS OF SURFACE-WATER, SPRING, AND PRECIPITATION SAMPLES COLLECTED FROM KAWICH AND STEWART CREEK BASINS FROM FEBRUARY, 1992, TO SEPTEMBER, 1992. SAMPLES ANALYZED FOR ANIONS, CATIONS, STABLE ISOTOPES, AND PHYSICAL PARAMETERS.  ACQN/DEVL LOCATION : USGS NWQL, ARVADA, CO	02/18/92-01/22/93	STANDARD USGS NATIONAL WATER QUALITY LABORATORY ANALYSIS PROCEDURES.	A Y P
**GS931108315214.033	AN ESTIMATE OF THE ROUGHNESS LENGTH AND DISPLACEMENT HEIGHT OF SONORAN DESERT VEGETATION, SOUTH-CENTRAL ARIZONA, BY H.C. CLAASSEN AND A.C. RIGGS  ACQN/DEVL LOCATION : USGS, DENVER, CO	02/15/89-01/16/91	WINDSPEED, WIND DIRECTION, TEMPERATURE AND RELATIVE HUMIDITY DATA USED TO ESTIMATE THE ROUGHNESS LENGTH FOR MOMENTUM AND DISPLACEMENT HEIGHT FOR TYPICAL SONORAN DESERT VEGETATION.	D N C

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	D Q A U L T A O A L C I A T F T Y I I P E O E D N
**GS940108315214.001	SNOW SURVEY NOTES FOR KAWICH BASIN AND STEWART BASIN FOR THE 1992 WATER YEAR.	02/18/92-04/09/92	DATA WERE ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURE: HP-165,RO, METHOD FOR MEASURING SNOW WATER CONTENT.	A Y C
	ACQN/DEVL LOCATION : 37 57'19"N 117 21'37"W ;38 53'23"N 116 25'23"W			
	Activity - 8.3.1.5.2.1.5			
**GS910508315215.005	STRONTIUM ISOTOPE RATIOS AND ISOTOPE DILUTION DATA FOR RUBIDIUM AND STRONTIUM COLLECTED 5/3/89 TO 5/9/91	05/03/89-05/09/91	NWM-USGS-GCP-12,R1-3, RB-SR ISOTOPE GEOCHEMISTRY.	A Y C
	ACQN/DEVL LOCATION : USGS,DENVER, CO			
**GS910608315215.010	TABLE OF STRONTIUM ISOTOPE DATA IN SUPPORT OF PUBLICATION.	12/01/90-12/31/90	USGS STANDARD COLLECTION METHODS.	D Y T
	ACQN/DEVL LOCATION : DENVER, CO			
**GS911008315215.013	87SR/86SR ANALYSIS OF BAILED WATER SAMPLE FROM DRILL HOLE UE25P#1, YUCCA MOUNTAIN NEVADA.	06/12/90-06/19/90	NWM-USGS-GCP-12, RB-SR ISOTOPE GEOCHEMISTRY	A Y C
	ACQN/DEVL LOCATION : UE25P#1			
**GS911008315215.014	ANALYTICAL RESULTS OF URANIUM AND URANIUM ACTIVITY RATIOS IN WELDED TUFF AND QUATERNARY ALLUVIUM AQUIFERS.	02/13/89-02/13/89	NWM-USGS-GCP-03	A N C
	ACQN/DEVL LOCATION : FRENCHMAN FLAT JACKASS FLAT			

SITE CHARACTERIZATION PLAN BASELINE

D  
Q  
A  
U  
L  
T  
A  
O  
A  
L  
C  
I  
A  
T  
F  
T  
Y  
I  
I  
P  
E  
O  
E  
D  
N

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS920208315215.008	STRONTIUM ISOTOPE RATIOS AND ISOTOPE DILUTION DATA FOR RUBIDIUM AND STRONTIUM COLLECTED 5/10/91 TO 2/28/92  ACQN/DEVL LOCATION : SOLID SOURCE MASS SPECTROMETER BAY, USGS	05/10/91-02/28/92	NWM-USGS GCP-12,R3, RB-SR ISOTOPE GEOCHEMISTRY	A Y C
**GS920208315215.012	STRONTIUM ISOTOPE RATIOS AND ISOTOPE DILUTION DATA FOR RUBIDIUM AND STRONTIUM COLLECTED 4/8/88 TO 5/2/89  ACQN/DEVL LOCATION : SOLID MASS SPECTROMETER BAY, USGS	04/08/88-05/02/89	NWM-USGS GCP-12,R0, RB-SR ISOTOPE GEOCHEMISTRY.	A N C
**GS930108315215.002	ISOTOPIC STUDIES OF CAVITY FILLING AND FRACTURE COATING MINERALS AS AN AID TO UNDERSTANDING PALEOHYDROLOGY, YUCCA MOUNTAIN, NEVADA, USA, BY B.D. MARSHALL, J.S. STUCKLESS, Z.E. PETERMAN, AND J.F. WHELAN  ACQN/DEVL LOCATION : USGS, DENVER, CO	10/01/92-12/08/92	THE STUDY OF FRACTURE COATINGS & OTHER OPEN-SPACE FILLINGS IN THE VOLCANIC ROCKS SUMMARIZED IN THE PUBLICATION IS AN EXTENSION OF PREVIOUS WORK EMPHASIZING SECONDARY MINERALS IN THE CALCAREOUS SOIL HORIZONS SURROUNDING THE SITE & A RECONNAISSANCE STUDY OF THE DEEPER FRACTURE FILLINGS THROUGHOUT THE ROCK MASS. THIS EARLY WORK FOCUSED ON THE ORIGIN OF THE LARGE CALCITE-SILICA DEPOSITS WHICH ARE PARTICULARLY WELL DEVELOPED ALONG FAULTS IN ORDER TO ESTABLISH THE NATURE OF THE FLUID FLUX WHICH LED TO THEIR DISPOSITION. OF PARTICULAR INTEREST IN THE CURRENT STUDY ARE QUESTIONS OF WHETHER CERTAIN MINERALS AND/OR THEIR ISOTOPIC COMPOSITIONS PROVIDE EVIDENCE FOR THEIR HYDROLOGIC ORIGINS.	D N C

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS930908315215.027	STRONTIUM ISOTOPE RATIOS AND ISOTOPE DILUTION DATA FOR RUBIDIUM AND STRONTIUM COLLECTED 3/2/92 TO 11/18/92	03/02/92-11/18/92	GCP-12,R3, RB-SR ISOTOPE GEOCHEMISTRY.	A Y C
	ACQN/DEVL LOCATION : SOLID MASS SPECTROMETER BAY, USGS, DENVER, CO			
**GS931008315215.029	STRONTIUM ISOTOPE RATIOS AND ISOTOPE DILUTION DATA FOR RUBIDIUM AND STRONTIUM COLLECTED 11/19/92 TO 12/3/93.	11/19/92-12/03/93	USGS TECHNICAL PROCEDURE GCP-12,R3, RB-SR ISOTOPE GEOCHEMISTRY	A Y C
	ACQN/DEVL LOCATION : SOLID MASS SPECTROMETER BAY, USGS, DENVER, CO			
**GS931108315215.031	STRONTIUM ISOTOPES IN CARBONATE DEPOSITS AT CRATER FLAT, NV, BY B.D. MARSHALL, K. FUTA, Z.E. PETERMAN, AND J.S. STUCKLESS.	01/01/90-12/31/90	TO HELP CHARACTERIZE THE ORIGINS AND ESTIMATE THE AGES OF SOME HYDROGENIC DEPOSITS, DATA FROM STRONTIUM ISOTOPE ANALYSES OF CARBONATES ARE COMPARED. SAMPLE DATA FROM SOILS, VEINS, EOLIAN DUST, AND PALEOZOIC BASEMENT TAKEN SOUTH AND WEST OF YM ARE COMPARED TO SIMILAR SAMPLE DATA FROM EAST OF YM AND TO TERTIARY AQUIFER WATER. SR ISOTOPE RATIOS VS FREQUENCY ARE PRESENTED IN HISTOGRAMS.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO.			
**GS940208315215.005	AN EVALUATION OF EVIDENCE PERTAINING TO THE ORIGIN OF VEIN DEPOSITS EXPOSED IN TRENCH 14, NEVADA TEST SITE, NEVADA, BY J.S. STUCKLESS	01/01/90-08/30/90	SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED WORK.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.6.1.1.3				
**LA000000000019.001	SAMPLE DATA FOR MANGANESE ACCUMULATION IN ROCK VARNISH FOR CLASTS COLLECTED FROM ALLUVIAL SURFACES ON THE SODA MOUNTAIN PIEDMONT IN THE MOJAVE DESERT, CALIFORNIA.	01/01/91-01/01/92	MANGANESE OXIDES WERE DISSOLVED OFF VARNISHED CLASTS COLLECTED FROM ALLUVIAL SURFACES, AND THE AMOUNT OF MANGANESE WAS MEASURED USING INDUCTIVELY-COUPLED PLASMA EMISSION SPECTROSCOPY. DP 114 WAS FOLLOWED.	A Y T
	ACQN/DEVL LOCATION : LANL			
**LA000000000019.002	MANGANESE ACCUMULATION IN ROCK VARNISH ON A DESERT PIEDMONT, MOJAVE DESERT, CALIFORNIA, AND APPLICATION TO EVALUATING VARNISH DEVELOPMENT.	01/01/92-12/01/92	THE DATA WERE REVIEWED AND FURTHER STATISTICAL ANALYSIS WAS PERFORMED.	D Y T
	ACQN/DEVL LOCATION : LANL			
Activity - 8.3.1.8.1.1.4				
*LA000000000070.001	SIMULATION MODELING OF THE PROBABILITY OF MAGMATIC DISRUPTION OF THE POTENTIAL YUCCA MOUNTAIN SITE	08/01/93-09/15/93	RISK SIMULATION MODELING WAS COMPLETED FOR THE PROBABILITY OF MAGMATIC DISRUPTION OF A POTENTIAL REPOSITORY AT YUCCA MOUNTAIN.	D Y P
	ACQN/DEVL LOCATION : LANL, LAS VEGAS, NV			
*LA000000000070.002	SIMULATION MODELING: COMPUTER CODE WAS USED TO RUN MULTIPLE SIMULATIONS OF RECURRENCE RATE AND DISRUPTION PROBABILITY FOR ALTERNATIVE MODELS. THE SIMULATION RESULTS WERE USED TO CALCULATE THE PROBABILITY OF MAGMA DISRUPTION OF THE REPOSITORY.	06/15/93-08/01/93	ALTERNATIVE MODELS ASSEMBLED IN EXCEL SPREADSHEETS. SIMULATIONS RUN FOR RECURRENCE RATE USED TRIGEN DISTRIBUTION MODEL; SIMULATIONS FOR DISRUPTION PROBABILITY USED NORMAL DISTRIBUTION. DATA SETS WERE DEVELOPED FOR PRESENTATION AS CUMULATIVE PROBABILITY DISTRIBUTIONS.	A Y P
	ACQN/DEVL LOCATION : LANL, LAS VEGAS, NV			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.8.5.1.2				
**GS930308318512.002	VOLCANO-TECTONIC HISTORY OF CRATER FLAT, SOUTHWESTERN NEVADA, AS SUGGESTED BY NEW EVIDENCE FROM DRILL HOLE USW-VH-1 (USW VH-1) AND VICINITY, BY W.J. CARR.	01/01/81-03/16/82	SUMMARIES AND INTERPRETATIONS OF THE DRILL-HOLE LOCATION, HISTORY, LITHOLOGIC LOG, AND STRATIGRAPHY; AND THE STRUCTURAL FRAMEWORK, AEROMAGNETIC ANOMALIES, AND VOLCANO-TECTONIC HISTORY OF CRATER FLAT.	D N T
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
Activity - 8.3.1.8.5.2.1				
**GS930408318521.001	CURIE-TEMPERATURE ISOTHERM ANALYSIS AND TECTONIC IMPLICATIONS OF AEROMAGNETIC DATA FROM NEVADA, BY RICHARD J. BLAKELY.	01/01/87-12/29/87	METHOD USED TO MEASURE BASAL DEPTH OF MAGNETIC SOURCE IS A MODIFICATION OF SMITH, R.B., AND OTHERS, GSA BULLETIN 85, 1974, BOLER, F.M., AEROMAGNETIC MEASUREMENTS, MAGNETIC SOURCE DEPTHS, AND THE CURIE POINT ISOTHERM IN THE VALA-OWYHEE, OREGON, GEOTHERMAL AREA, M.S. THESIS, ORE. ST. UNIV., 1978, AND CONRAD, G.R., AND OTHERS, ANALYSIS OF AEROMAGNETIC MEASUREMENTS FROM THE CASCADE RANGE IN CENTRAL OREGON, GEOPHYSICS, 48, 1983. COMPLETE BIBLIOGRAPHIC CITATIONS IN THE REPORT.	D N C
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.14.2.1.3				
**SNF29041993002.013	ESF NORTH RAMP YUCCA MOUNTAIN PROJECT SITE CHARACTERIZATION CROSS SECTION THROUGH EXILE HILL NORTH RAMP 0+00 TO 6+00M THIS DATA HAS BEEN SUPERSEDED BY DATA IDENTIFIED BY DTN: SNF29041993002.021.	05/01/93-12/10/93	GEOLOGIC LOGGING OF CORE FROM NORTH RAMP BOREHOLES.	D Y C
	ACQN/DEVL LOCATION : J.F.T.AGAPITO			
Activity - 8.3.1.14.2.2.2				
*SNF29041993002.024	SCHMIDT HAMMER TEST DATA FROM USW NRG-7/7A DRILLHOLE.	03/01/94-04/18/94	SCIENTIFIC NOTEBOOK IN ACCORDANCE WITH: 1. ISRM (1978), SUGGESTED METHODS FOR DETERMINING HARDNESS AND ABRASIVENESS OF ROCKS, INTERNATIONAL JOURNAL OF ROCK MECHANICS. MINING SCIENCES & GEOMECHANICS ABSTRACTS, 15:89-98, PERGAMON PRESS LTD., GREAT BRITIAN. 2. GOKTAN, R. M. AND C. AYDAY (1993), A SUGGESTED IMPROVEMENT TO THE SCHMIDT REBOUND HARDNESS ISRM SUGGESTED METHOD WITH PARTICULAR REFERENCE TO ROCK MACHINEABILITY, INTERNATIONAL JOURNAL OF ROCK MECHANICS. MINING SCIENCES & GEOMECHANICS ABSTRACTS, 39(3) :321-322, PERGAMON PRESS LTD., GREAT BRITIAN.	A Y P
	ACQN/DEVL LOCATION : J. F. T. AGAPITO			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.14.2.3				
*SNF29041993002.014	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT GEOLOGY AND ROCK STRUCTURE LOG FOR DRILLHOLE UE25 NRG-2B.	01/15/94-02/15/94	GEOLOGIC LOG BY U.S.G.S REFERENCE GS931108314211.041. STRUCTURAL LOG PER SNL SCIENTIFIC NOTEBOOK PROCEDURE.	D Y C
	ACQN/DEVL LOCATION : MATERIAL TEST LAB, MERCURY, NV			
*SNF29041993002.015	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT GEOLOGY AND ROCK STRUCTURE LOG FOR DRILLHOLE USW NRG-7/7A.	01/03/94-03/25/94	GEOTECHNICAL CORE LOGGING OF USW NRG-7/7A. PREPARED IN ACCORDANCE WITH SCIENTIFIC NOTEBOOK FOR GEOTECHNICAL LOGGING OF CORE BY EXAMINATION OF CORE AND VIDEO RECORDS FROM NRG-7/7A HOLE. INSTRUCTIONS FOR ESTABLISHING QA RECORDS BASED UPON T&MSS ROCK STRUCTURE LOGS.	A Y C
	ACQN/DEVL LOCATION : J. F. T. AGAPITO AND YMP SAMPLE MANAGEMENT FACILITY			
*SNF29041993002.016	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CORE HOLE ROCK STRUCTURAL DATA SUMMARY FOR HOLE USW NRG-7/7A.	03/15/94-03/25/94	GEOTECHNICAL CORE LOGGING OF USW NRG-7/7A. PREPARED IN ACCORDANCE WITH SCIENTIFIC NOTEBOOK FOR GEOTECHNICAL LOGGING OF CORE BY EXAMINATION OF CORE AND VIDEO RECORDS FROM NRG-7/7A HOLE. INSTRUCTIONS FOR ESTABLISHING QA RECORDS BASED UPON T&MSS ROCK STRUCTURE LOGS.	D Y C
	ACQN/DEVL LOCATION : J.F.T. AGAPITO			

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*SNF29041993002.017	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ESTIMATED ROCK MASS QUALITY INDICES BASED ON CORE LOG DATA FOR HOLE USW NRG-7/7A.	03/15/94-03/26/94	Q AND RMR ESTIMATED USING ROCK STRUCTURAL DATA SUMMARY DEVELOPED FROM STRUCTURAL LOGGING OF CORE USW NRG-7/7A DRILLHOLE. OBSERVATIONS OF ROCK CONDITIONS IN THE NORTH RAMP STARTER TUNNEL AND LABORATORY TEST DATA ON CORE.	D Y C
	ACQN/DEVL LOCATION : J.F.T. AGAPITO			
*SNF29041993002.018	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CORE HOLE ROCK STRUCTURAL DATA SUMMARY FOR HOLE UE25 NRG-2B.	03/10/94-03/18/94	GEOTECHNICAL CORE LOGGING OF UE25 NRG-2B. PREPARED IN ACCORDANCE WITH SCIENTIFIC NOTEBOOK FOR GEOTECHNICAL LOGGING OF CORE BY EXAMINATION OF CORE AND VIDEO RECORDS FROM NRG-2B HOLE. INSTRUCTIONS FOR ESTABLISHING QA RECORDS BASED UPON T&MSS ROCK STRUCTURE LOGS.	D Y C
	ACQN/DEVL LOCATION : J.F.T. AGAPITO			
*SNF29041993002.019	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ESTIMATED ROCK MASS QUALITY INDICES BASED ON CORE LOG DATA FOR HOLE UE25 NRG-2B.	03/10/94-03/18/94	Q AND RMR ESTIMATED USING ROCK STRUCTURAL DATA SUMMARY DEVELOPED FROM STRUCTURAL LOGGING OF CORE UE25 NRG-2B DRILLHOLE. OBSERVATIONS OF ROCK CONDITIONS IN THE NORTH RAMP STARTER TUNNEL AND LABORATORY TEST DATA ON CORE.	D Y C
	ACQN/DEVL LOCATION : J.F.T. AGAPITO			
*SNF29041993002.020	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ROCK MASS QUALITY ESTIMATES FOR TCW, PTN, TSW1, & TSW2 UNITS.	03/15/94-03/26/94	Q AND RMR ESTIMATED USING ROCK STRUCTURAL DATA SUMMARY DEVELOPED FROM STRUCTURAL LOGGING OF CORE NRG-1, -2, -2A, -3, -4, -5, AND -6 DRILLHOLES. OBSERVATION OF ROCK CONDITIONS IN THE NORTH RAMP STARTER TUNNEL AND LABORATORY TEST DATA ON CORE.	D Y C
	ACQN/DEVL LOCATION : J.F.T. AGAPITO			

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	D A U L T A O A L C I A T F T Y I I P E O E D N
*SNF29041993002.021	ESF NORTH RAMP YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CROSS SECTION THROUGH EXILE HILL NORTH RAMP 0+00 TO 6+00M. DRAWING NO: 88-60-08, VERSION: QA1.2. THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN: SNF29041993002.013.  ACQN/DEVL LOCATION : J. F. T. AGAPITO	02/01/94-04/06/94	GEOLOGIC INTERPRETATION FROM LITHOLOGIC LOGS, GEOPHYSICAL LOGS, & SURFACE MAPPING.	D Y P
*SNF29041993002.022	BEDROCK GEOLOGY OF EXILE HILL.  ACQN/DEVL LOCATION : J. F. T. AGAPITO / GEOMATRIX CONSULTANTS, INC.	01/05/94-03/31/94	GEOLOGIC MAPPING PER SCIENTIFIC NOTEBOOK PROCEDURE.	A Y P
*SNF29041993002.023	ESF NORTH RAMP YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CROSS SECTION THROUGH BOW RIDGE FAULT NORTH RAMP 1+75 TO 3+25M. DRAWING NO: EX-DTAIL, VERSION: QA1  ACQN/DEVL LOCATION : J. F. T. AGAPITO	01/05/94-04/12/94	GEOLOGIC INTERPRETATION FROM LITHOLOGIC LOGS, GEOPHYSICAL LOGS, & SURFACE MAPPING.	D Y P
*SNF29041993002.025	ESF NORTH RAMP YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CROSS SECTION ALONG RAMP FROM 0+00 TO 28+00.38M (PT). DRAWING NO: 88-60-09, VERSION: QA1.5  ACQN/DEVL LOCATION : J. F. T. AGAPITO	04/01/93-04/19/94	GEOLOGIC INTERPRETATION FROM LITHOLOGIC LOGS, GEOPHYSICAL LOGS & SURFACE MAPPING.	D Y P

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.15.1.1.1				
*SNL03042594001.001	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLES USW G-1, USW G-2, USW GU-3, & USW G-4.	04/19/94-04/21/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y P
	ACQN/DEVL LOCATION : NER, WHITE RIVER JUNCTION, VERMONT			
*SNL03042594001.002	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLES UE25 NRG-4, UE25 NRG-5, & USW NRG-6.	01/18/94-03/29/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y P
	ACQN/DEVL LOCATION : NER, WHITE RIVER JUNCTION, VERMONT			
*SNL03042594001.003	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLE UE25 NRG-7/7A.	06/13/94-06/15/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y P
	ACQN/DEVL LOCATION : NER, WHITE RIVER JUNCTION, VERMONT			
Activity - 8.3.1.15.1.1.3				
*SNL01A07019101.001	THERMAL CONDUCTIVITY DATA AT DIFFERENT SATURATIONS AND TEMPERATURES FOR WELDED DEVITRIFIED AND NON-WELDED ZEOLITIC TUFFS FROM YUCCA MOUNTAIN.	08/07/93-03/29/94	MEASUREMENT OF THERMAL CONDUCTIVITY OF GEOLOGIC SAMPLES BY THE GUARDED-HEAT-FLOW-METER METHOD AS PER TP-202.	A Y P
	ACQN/DEVL LOCATION : HOLOMETRIX, BEDFORD, MA			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.15.1.2.1				
**SNL01B05059301.002	THERMAL EXPANSION DATA FROM USW NRG-6 DRILLHOLE FROM DEPTH OF 28.8 FT. TO 416.0 FT. THIS DATA HAS BEEN SUPERSEDED BY DATA IDENTIFIED BY DTN: SNL01B05059301.003.	05/21/93-11/11/93	SINGLE PUSH-ROD DILATOMETER.	A Y C
	ACQN/DEVL LOCATION : HOLOMETRIX, BEDFORD, MA			
*SNL01B05059301.003	THERMAL EXPANSION CURVES FOR SAMPLES FROM USW NRG-6 DRILLHOLE FROM DEPTH 28.8 FT. TO 1081.5 FT. THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN: SNL01B05059301.002	09/27/93-03/17/94	SINGLE PUSH-ROD DILATOMETER.	A Y P
	ACQN/DEVL LOCATION : HOLOMETRIX, BEDFORD, MA			
*SNL03042594001.001	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLES USW G-1, USW G-2, USW GU-3, & USW G-4.	04/19/94-04/21/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y P
	ACQN/DEVL LOCATION : NER, WHITE RIVER JUNCTION, VERMONT			
*SNL03042594001.002	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLES UE25 NRG-4, UE25 NRG-5, & USW NRG-6.	01/18/94-03/29/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y P
	ACQN/DEVL LOCATION : NER, WHITE RIVER JUNCTION, VERMONT			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*SNL03042594001.003	AVERAGE GRAIN DENSITY FOR THERMAL PROPERTIES TEST SAMPLES FROM BOREHOLE UE25 NRG-7/7A.  ACQN/DEVL LOCATION : NER, WHITE RIVER JUNCTION, VERMONT	06/13/94-06/15/94	ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y P
Activity - 8.3.1.15.1.3.1				
*SNL02030193001.017	MECHANICAL PROPERTIES DATA (TENSILE STRENGTH, AVERAGE GRAIN DENSITY, & POROSITY) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 18.0 FT. TO 495.0 FT.  ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT	01/13/94-03/18/94	ASTM STM D3967-92: "SPLITTING TENSILE STRENGTH OF INTACT ROCK CORE SPECIMENS.", AND ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y C
*SNL02030193001.018	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, TRIAXIAL STRENGTH, DRY BULK DENSITY & POROSITY) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 344.4 FT.  ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT	01/13/94-04/07/94	ASTM STM D2845-90: "LABORATORY DETERMINATION OF PULSE VELOCITIES AND ULTRASONIC ELASTIC CONSTANTS OF ROCK.", ISRM "SUGGESTED METHODS FOR DETERMINING THE STRENGTH OF ROCK MATERIALS IN TRIAXIAL COMPRESSION: REVISED VERSION", 1983.	A Y C
*SNL02030193001.019	MECHANICAL PROPERTIES DATA (GRAIN DENSITY, POROSITY, UNCONFINED STRENGTH, CONFINED STRENGTH, ELASTIC PROPERTIES, AND INDIRECT TENSILE STRENGTH) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 507.4 FT. TO 881.0 FT.  ACQN/DEVL LOCATION : NER, INC.; WHITE RIVER JUNCTION, VERMONT	03/15/94-06/28/94	STANDARD LABORATORY ROCK MECHANICS PROCEDURES AS PER TP-219: "UNCONFINED COMPRESSION EXPERIMENTS AT 22 DEGREES C AND A STRAIN RATE OF 10E-5 S-1"; ASTM STM D3967-92: "SPLITTING TENSILE STRENGTH OF INTACT ROCK CORE SPECIMENS"; ASTM STM D2845-90: "LABORATORY DETERMINATION OF PULSE VELOCITIES AND ULTRASONIC ELASTIC CONSTANTS OF ROCK"; AND ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS".	A Y P

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.15.1.3.2				
*SNL02030193001.017	MECHANICAL PROPERTIES DATA (TENSILE STRENGTH, AVERAGE GRAIN DENSITY, & POROSITY) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 18.0 FT. TO 495.0 FT.	01/13/94-03/18/94	ASTM STM D3967-92: "SPLITTING TENSILE STRENGTH OF INTACT ROCK CORE SPECIMENS.", AND ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT			
*SNL02030193001.018	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, TRIAXIAL STRENGTH, DRY BULK DENSITY & POROSITY) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 344.4 FT.	01/13/94-04/07/94	ASTM STM D2845-90: "LABORATORY DETERMINATION OF PULSE VELOCITIES AND ULTRASONIC ELASTIC CONSTANTS OF ROCK.", ISRM "SUGGESTED METHODS FOR DETERMINING THE STRENGTH OF ROCK MATERIALS IN TRIAXIAL COMPRESSION: REVISED VERSION", 1983.	A Y C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT			
*SNL02030193001.019	MECHANICAL PROPERTIES DATA (GRAIN DENSITY, POROSITY, UNCONFINED STRENGTH, CONFINED STRENGTH, ELASTIC PROPERTIES, AND INDIRECT TENSILE STRENGTH) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 507.4 FT. TO 881.0 FT.	03/15/94-06/28/94	STANDARD LABORATORY ROCK MECHANICS PROCEDURES AS PER TP-219: "UNCONFINED COMPRESSION EXPERIMENTS AT 22 DEGREES C AND A STRAIN RATE OF 10E-5 S-1"; ASTM STM D3967-92: "SPLITTING TENSILE STRENGTH OF INTACT ROCK CORE SPECIMENS"; ASTM STM D2845-90: "LABORATORY DETERMINATION OF PULSE VELOCITIES AND ULTRASONIC ELASTIC CONSTANTS OF ROCK"; AND ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS".	A Y P
	ACQN/DEVL LOCATION : NER, INC.; WHITE RIVER JUNCTION, VERMONT			

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
Activity - 8.3.1.15.1.4			
**SNL02101283001.001	MATRIX COMPRESSIVE TESTS TO CHARACTERIZE THE TOPOPAH SPRING MEMBER IN USW G-4.	11/07/83-10/05/84	EXPERIMENTS WERE PERFORMED ON A LOAD FRAME WITH A MAXIMUM CAPACITY OF 1.1 MN. CONSTANT DISPLACEMENT RATE OF THE LOADING PISTON WAS ACHIEVED BY SERVO-CONTROL OF THE HYDRAULIC LOADING RAM WITH SERVO-FEEDBACK FROM AN LVDT MOUNTED AT THE TOP OF THE LOADING COLUMN. AXIAL STRESS AND STRAIN WERE CALCULATED. AVERAGE LATERAL STRAIN WAS THEN OBTAINED BY DIVIDING THE AVERAGE DISPLACEMENT BY THE AVERAGE VALUE OF THE ORIGINAL DIAMETER OF THE SAMPLE. AXIAL FORCE, AXIAL DISPLACEMENT, TRANSVERSE DISPLACEMENT, RAM DISPLACEMENT, AND TIME DATA WERE COLLECTED, REDUCED, AND STORED ON MAGNETIC TAPES. (FOR MORE DETAIL SEE SAND84-1101.)
ACQN/DEVL LOCATION : TERRA TEK, SALT LAKE CITY, UT			
Activity - 8.3.1.15.1.8.1			
*SNF28021693001.004	ANALYSIS OF BLASTING DATA FROM THE NORTH RAMP STARTER TUNNEL - TOP HEADING	04/08/93-03/24/94	THE RELATIONSHIP OF PEAK PARTICLE VELOCITY (PPV) TO SCALED DISTANCE (SD), WHERE SD IS DISTANCE NORMALIZED FOR EXPLOSIVE CHARGE WEIGHT, WAS DEVELOPED. ONLY DATA FROM THE TOP HEADING OF THE NORTH RAMP STARTER TUNNEL, PILOT DRIFT, AND THE NORTH AND SOUTH SLASH ROUNDS WERE USED.
ACQN/DEVL LOCATION : NTS-FOC/JFT AGAPITO OFFICE			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*SNF31120393001.001	ANALYSIS OF BLASTING DATA FROM THE NORTH RAMP STARTER TUNNEL: ALCOVE-1 NEAR-FIELD BLAST PROJECT.	08/01/93-03/25/94	THIS WORK WAS PERFORMED TO SUPPORT BLASTING DESIGN EVALUATIONS, AND INCLUDED MONITORING NEAR-FIELD BLAST VIBRATIONS AND MAKING VIDEO OBSERVATIONS OF BOREHOLES TO DETERMINE THE EXTENT OF DAMAGE FROM THE BLASTING. A QUANTITATIVE CORRELATION OF PEAK PARTICLE VELOCITY WITH ROCK DAMAGE IS GIVEN.	A Y P
	ACQN/DEVL LOCATION : NTS-FOC/JFT AGAPITO OFFICE			
	Activity - 8.3.1.15.1.8.2			
**SNF28021693001.002	ROCK MASS CLASSIFICATION DATA FOR THE ALCOVE/NORTH RAMP STARTER TUNNEL.	12/09/93-12/09/93	MADE ENGINEERING ESTIMATES IN THE FIELD USING Q SYSTEM AND RMR PARAMETERS.	A Y T
	ACQN/DEVL LOCATION : NTS-YUCCA MTN, ALCOVE/NORTH RAMP STARTER TUNNEL			
	Activity - 8.3.1.15.2.1.2			
**GS900983115212.002	REPORT ON TELEVIEWER LOG AND STRESS MEASUREMENTS IN CORE HOLE USW G-2, NEVADA TEST SITE, OCTOBER-NOVEMBER 1982, BY J.M. STOCK, J.H. HEALY, AND S.H. HICKMAN	01/01/83-01/12/84	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.16.1.1.1				
**GS931183116111.002	NEVADA TEST SITE FLOOD INUNDATION STUDY - PART OF U.S. GEOLOGICAL SURVEY FLOOD POTENTIAL AND DEBRIS HAZARD STUDY, YUCCA MOUNTAIN SITE, BY JAMES O. BLANTON III.	06/07/91-05/24/92	DEVELOPED USING PROBABLE MAXIMUM FLOOD TECHNIQUE AND METHOD DEFINED IN RECLAMATION TECHNICAL PROCEDURE YMP-USBR HP-03,R0, SPECIAL PROCESS FOR DETERMINING WATER SURFACE PROFILES AND FLOOD INUNDATED SURFACE AREAS.	D N C
	ACQN/DEVL LOCATION : USBR, DENVER, CO			
**GS931183116111.003	NEVADA TEST SITE PROBABLE MAXIMUM FLOOD STUDY - PART OF U.S. GEOLOGICAL SURVEY FLOOD POTENTIAL AND DEBRIS HAZARD STUDY, YUCCA MOUNTAIN SITE, BY KENNETH L. BULLARD.	06/07/91-05/24/92	DEVELOPED USING PROBABLE MAXIMUM FLOOD TECHNIQUE WHICH COMPLIES WITH ANSI STANDARD FOR DETERMINING DESIGN BASIS FLOODING AT POWER REACTOR SITES.	D N C
	ACQN/DEVL LOCATION : USBR, DENVER, CO			
Activity - 8.3.1.17.4.1.2				
**GS910583117412.019	29 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L640-L642, L643-L645, L647-L669. DATES: 1/01/87 - 12/31/87.	01/01/87-12/31/87	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N C
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
**GS910583117412.020	57 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L800-L856. DATES: 1/01/88-8/29/88.	01/01/88-08/29/88	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N C
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS910583117412.021	44 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L857-L900. DATES: 8/29/88-12/30/88.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	08/29/88-12/30/88	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N C
**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 C
**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 C
**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 C
**GS910583117412.034	543 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/89-12/30/89.  ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN	01/02/89-01/01/90	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N C

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS910583117412.044	34 SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES NUMBERED: L001-L032, L054, AND 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
**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 C
**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 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 C
**GS940283117412.002	DATA PACKAGE ON THE SEISMOLOGICAL FIELD INVESTIGATIONS OF THE 29 JUNE, 1992, LITTLE SKULL MOUNTAIN EARTHQUAKE  ACQN/DEVL LOCATION : WITHIN A 10-KM RADIUS OF EPICENTER COORDINATES: 36 43.1'N 116 16.35'W	07/15/92-12/31/92	APPROXIMATELY 20 PORTABLE SEISMIC STATIONS WHICH USED DIGITAL ACQUISITION HARDWARE TO RECORD SEISMIC DATA. SP-16T,R0, TWO-DIMENSIONAL SEISMIC ARRAY MEASUREMENTS AT YUCCA MTN.	A Y C

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940683117412.004	SEISMIC EVENT WAVEFORMS FOR THE SOUTHERN GREAT BASIN SEISMIC NETWORK, JANUARY 1, 1993, TO DECEMBER 31, 1993	01/01/93-12/31/93	PERMANENT NETWORK OF 62 SEISMIC STATIONS WERE RECORDED AT UNRSL USING CUSP RT (GSP0009.01) AND ANALYZED USING TECHNICAL PROCEDURES: NWM-USGS SP-01,R4 AND R5, PRELIMINARY EARTHQUAKE LOCATION PROCEDURE, AND NWM-USGS SP-04,R2 AND R3, PRELIMINARY EARTHQUAKE MAGNITUDE DETERMINATION PROCEDURE	A Y P
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN SEISMIC NETWORK			
	Activity - 8.3.1.17.4.3.1			
**GS911283117431.003	REVISION OF AN AEROMAGNETIC SURVEY OF THE LATHROP WELLS AREA, NEVADA, BY V.E. LANGENHEIM, S.F. CARLE, D.A. PONCE, AND J.D. PHILLIPS.	01/01/90-01/28/91	FLIGHTLINE DATA GAPS RESTORED BY LINEAR INTERPOLATION AND ESTIMATED VALUES OF THE RESIDUAL MAGNETIC FIELD. HORIZONTAL POSITIONING RESTORED BY COMPARISON OF PHOTOGRAPHIC FILMSTRIPS WITH ORTHOPHOTO QUADRANGLES.	D N C
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA			
	Activity - 8.3.1.17.4.3.2			
**GS930983117432.014	FLUVIAL ORIGIN OF THE BEATTY SCARP, NYE COUNTY, NEVADA, BY L.W. ANDERSON.	10/01/92-12/31/93	SYNTHESIS AND REVIEW OF THE SOURCE DATA ALONG WITH THE ADDITION OF A NEW SCARP PROFILE	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940683117432.001	SCARP PROFILE DATA AND GEOLOGIC MAP FOR THE DEATH VALLEY AND FURNACE CREEK FAULT ZONES, DEATH VALLEY, CALIFORNIA	03/20/93-03/20/93 03/23/93-03/23/93 03/25/93-03/25/93 03/01/94-05/05/94	TECHNICAL PROCEDURE NWM-USGS GP-52,R0, TOPOGRAPHIC PROFILING OF GEOMORPHIC FEATURES - FIELD MEASUREMENTS	A Y P
	ACQN/DEVL LOCATION : 36 04'N 117 15'W ;36 52'N 116 45'W			
	Activity - 8.3.1.17.4.3.4			
*GS940683117434.002	BARE MOUNTAIN FAULT SCARP PROFILE DATA. 10/24/93 - 10/29/93	10/24/93-10/29/93	TECHNICAL PROCEDURE NWM-USGS GP-52,R0, TOPOGRAPHIC PROFILING OF GEOMORPHIC FEATURES - FIELD MEASUREMENTS	A Y P
	ACQN/DEVL LOCATION : 36 47'00"N 116 38'00"W ;36 52'00"N 116 37'00"W			
	Activity - 8.3.1.17.4.5.2			
**GS910931174121.001	GEOLOGIC MAP OF BARE MOUNTAIN, NYE COUNTY, NEVADA, BY SUSAN A. MONSEN, MICHAEL D. CARR, MARITH C. REHEIS, AND P.P. ORKILD	01/01/89-01/01/90	REPORT CONTAINS STRATIGRAPHIC DESCRIPTIONS SUPPORTED BY ISOTOPICALLY DATED SAMPLES.	D N C
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA, USGS, DENVER, CO			
**GS940383117452.001	ORIENTATION DATA FOR KINEMATIC ANALYSIS OF MYLONITES OR OTHER SAMPLES FROM BULLFROG HILLS.	03/01/92-03/01/92	SN-0035 "THERMOBAROMETRIC AND KINEMATIC STUDIES OF METAMORPHIC ROCKS AT BARE MOUNTAIN AND PROXIMAL SITES".	A Y C
	ACQN/DEVL LOCATION : T12S R45E SECTION 13 T12S R45E SECTION 21			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS940383117452.002	ELECTRON MICROPROBE ANALYSIS OF MINERALS FROM BULLFROG HILLS AND BARE MOUNTAIN	08/09/93-02/18/94	SN-0035 "THERMOBAROMETRIC AND KINEMATIC STUDIES OF METAMORPHIC ROCKS AT BARE MOUNTAIN AND PROXIMAL SITES".	A Y C
	ACQN/DEVL LOCATION : NORTHERN ARIZONA UNIVERSITY ELECTRON MICROPROBE LABORATORY			
**GS940383117452.003	FREEZING AND HOMOGENIZATION TEMPERATURE MEASUREMENTS ON FLUID INCLUSION IN QUARTZ VEINS FROM BARE MOUNTAIN.	12/12/93-12/18/93	SN-0035 "THERMOBAROMETRIC AND KINEMATIC STUDIES OF METAMORPHIC ROCKS AT BARE MOUNTAIN AND PROXIMAL SITES"	A Y C
	ACQN/DEVL LOCATION : NORTHERN ARIZONA UNIVERSITY, FLAGSTAFF			
*GS940683117452.004	ELECTRON MICROPULSE ANALYSIS OF MINERALS FROM BARE MOUNTAIN, APRIL '94	04/05/94-04/27/94	SN-0035 "THERMOBAROMETRIC AND KINEMATIC STUDIES OF METAMORPHIC ROCKS AT BARE MOUNTAIN AND PROXIMAL SITES"	A Y P
	ACQN/DEVL LOCATION : NORTHERN ARIZONA UNIVERSITY, FLAGSTAFF, AZ			
Activity - 8.3.1.17.4.7.2				
**GS930783117472.008	GRAVITY ANOMALY MAPS OF NEVADA. BOUGUER GRAVITY ANOMALY MAP OF NEVADA AND REGIONAL, RESIDUAL, AND DERIVATIVE GRAVITY MAPS OF NEVADA, BY R.W. SALTUS.	01/01/85-10/15/85	BOUGUER GRAVITY ANOMALIES COMPUTED USING 1967 GEODETIC REFERENCE SYSTEM FORMULA FOR THEORETICAL GRAVITY AT SEA LEVEL AS IMPLEMENTED ON A DIGITAL COMPUTER (CORDELL AND OTHERS, 1982). DATA CORRECTIONS INCLUDE 1) TERRAIN CORRECTIONS USING A DIGITAL TERRAIN MODEL, HAND CALCULATED, OR COMPUTER APPROXIMATION, 2) CURVATURE CORRECTIONS. ISOSTATIC RESIDUAL MAP PRODUCED BY SUBTRACTION OF INTERPOLATED VALUES OF COMPENSATING ROOTS FROM VALUES OF BOUGUER ANOMALIES. VERTICAL DERIVATIVE MAP PRODUCED BY CALCULATING THE FIRST VERTICAL DERIVATIVE FROM THE BOUGUER GRAVITY GRID USING A FOURIER TRANSFORM ALGORITHM (HILDENBRAND, 1983). HORIZONTAL DERIVATIVE MAP PRODUCED BY CALCULATING THE MAGNITUDE OF THE HORIZONTAL GRADIENT (R.W. SIMPSON, 1983). COMPLETE BIBLIOGRAPHIC	D N C

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
				CITATIONS IN REPORT.
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
	Activity - 8.3.1.17.4.7.3			
**GS930783117473.005	AEROMAGNETIC MAP OF YUCCA MOUNTAIN AND SURROUNDING REGIONS, SOUTHWEST NEVADA BY M.F. KANE AND R.E. BRACKEN.	01/01/82-01/01/83	MAP COMPILED USING DATA FROM SURVEYS FLOWN D N C IN 1977 AND 1978; CONTOURED AT 20 GAMMA INTERVALS AT A SCALE OF 1:48000. ASSOCIATED REPORT DETAILS RESULTS OF DEVELOPED DATA..	
	ACQN/DEVL LOCATION : USGS, DENVER, CO.			
	Activity - 8.3.1.17.4.7.5			
**GS900983117475.001	PRELIMINARY ASSESSMENT OF IN-SITU GEOMECHANICAL CHARACTERISTICS IN DRILL-HOLE USW-G1, YUCCA MOUNTAIN, NEVADA, BY W.L. ELLIS AND HENRI S. SWOLFS	01/01/82-08/05/82	HYDRAULIC FRACTURING STRESS MEASUREMENTS TESTING. OBSERVATIONS MADE DURING DRILLING AND SUBSEQUENT TESTING OF THE USW G-1 DRILL HOLE, YUCCA MOUNTAIN, PROVIDE QUALITATIVE INSIGHTS INTO THE IN-SITU GEOMECHANICAL CHARACTERISTICS OF THE LAYERED TUFF UNITS PENETRATED BY THE HOLE.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS900983117475.002	PRELIMINARY ANALYSIS OF GEOPHYSICAL LOGS FROM THE WT SERIES OF DRILL HOLES, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY D.C. MULLER AND J.E. KIBLER	01/01/85-10/31/85	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.8.2				
**GS900983117475.001	PRELIMINARY ASSESSMENT OF IN-SITU GEOMECHANICAL CHARACTERISTICS IN DRILL-HOLE USW-G1, YUCCA MOUNTAIN, NEVADA, BY W.L. ELLIS AND HENRI S. SWOLFS	01/01/82-08/05/82	HYDRAULIC FRACTURING STRESS MEASUREMENTS TESTING. OBSERVATIONS MADE DURING DRILLING AND SUBSEQUENT TESTING OF THE USW G-1 DRILL HOLE, YUCCA MOUNTAIN, PROVIDE QUALITATIVE INSIGHTS INTO THE IN-SITU GEOMECHANICAL CHARACTERISTICS OF THE LAYERED TUFF UNITS PENETRATED BY THE HOLE.	D N C
ACQN/DEVL LOCATION : USGS, DENVER, CO				
Activity - 8.3.1.17.4.10.2				
**GS931031174102.001	STRAIN ACCUMULATION NEAR YUCCA MOUNTAIN, NEVADA, 1983 - 1993, BY J.C. SAVAGE, M. LISOWSKI, W.K. GROSS, N.E. KING, AND J.L. SVARC.	07/01/93-07/30/93	INTERPRETATIONS AND SUMMARIES OF A 50-KM TRILATERATION NETWORK CENTERED ON YUCCA MOUNTAIN USING DATA FROM GEODOLITE AND GPS SURVEYS OVER THE LAST DECADE (1983-1993).	D N C
ACQN/DEVL LOCATION : USGS, MENLO PARK, CA				
**GS931031174102.002	SURVEY OF DEFORMATION OF 50-KM-APERTURE TRILATERATION NETWORK USING A GEODOLITE, CENTERED ON YUCCA MOUNTAIN, 1983-1984.	06/01/83-06/30/83 06/01/84-07/31/84	THE PROCEDURES USED AND THE ACCURACY ATTAINED FOR THESE SURVEYS ARE DESCRIBED IN SAVAGE AND PRESCOTT (1973), PRECISION OF GEODOLITE DISTANCE MEASUREMENTS FOR DETERMINING FAULT MOVEMENTS, J. GEOPHYS. RES., 78, 6001-6008.	A N C
ACQN/DEVL LOCATION : 36 35'00"N 116 45'00"W ; 37 10'00"N 116 00'00"W				

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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	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.
	ACQN/DEVL LOCATION : USGS, MENLO PARK		
Activity - 8.3.1.17.4.12.1			
**GS910931174121.001	GEOLOGIC MAP OF BARE MOUNTAIN, NYE COUNTY, NEVADA, BY SUSAN A. MONSEN, MICHAEL D. CARR, MARITH C. REHEIS, AND P.P. ORKILD	01/01/89-01/01/90	REPORT CONTAINS STRATIGRAPHIC DESCRIPTIONS SUPPORTED BY ISOTOPICALLY DATED SAMPLES.
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA, USGS, DENVER, CO		

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS920908312244.001	AIR-INJECTION TESTING/PRESSURES AND TEMPERATURES AT APACHE LEAP TUFF SITE, SUPERIOR, AZ	12/11/90-05/20/91	PROTOTYPE DATA WERE COLLECTED USING BEST SCIENTIFIC PRACTICES AND RECORDED IN A NOTEBOOK OR RECORDED AS INSTRUMENT READINGS ON FLOPPY DISKS AND REDUCED USING THE PROGRAM WHICH IS INCLUDED ON THE DISKS.	A N C
	ACQN/DEVL LOCATION : 33 18'00"N 111 04'10"W			
*GS930201233124.002	THE EFFECTS OF WET AND DRY DRILLING FLUIDS ON IN-SITU HYDROLOGIC CONDITIONS OF TUFFACEOUS ROCK: 1. BOREHOLE DRILLING AND LITHOLOGY, BY M.P. CHORNACK AND ALAN A. FLINT	01/01/89-02/03/93	DATA COLLECTED DURING DRILLING OPERATIONS WAS COMPILED AND REPORTED.	D N P
	ACQN/DEVL LOCATION : USGS HRF, NTS, NV USGS, DENVER, CO			
**GS940201236221.001	SEASONAL OCCURRENCES OF OSTRACODES IN LAKES AND STREAMS OF THE SAN FRANCISCO PENINSULA, CALIFORNIA, BY CLAIRE CARTER	05/01/89-05/01/90	FRESH WATER OSTRACODES WERE SAMPLED, PICKED ONTO MICROPALEONTOLOGICAL SLIDES, IDENTIFIED, AND COUNTED. WATER SURFACE, AIR, AND SEDIMENT TEMPERATURES WERE MEASURED AND COMPARED TO FAUNA LEVELS.	A N C
	ACQN/DEVL LOCATION : SAN FRANCISCO PENINSULA, CA			
*SNF30050393001.004	SNL NORTH RAMP STARTER TUNNEL ROCK-MASS MONITORING DATA: PLOTS OF DRIFT CONVERGENCE AND CONVERGENCE RATE FOR ESF STARTER TUNNEL; AND PLOTS OF ROCK BOLT LOAD CELLS.	06/01/93-03/29/94	MAKE DISPLACEMENT MEASUREMENTS USING A TAPE EXTENSOMETER; CHECK ROCK BOLT LOAD CELL DATA BY READINGS WITH A VOLTMETER.	A N P
	ACQN/DEVL LOCATION : NEVADA TEST SITE-NORTH PORTAL/ESF STARTER TUNNEL			

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N

SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**SNL12011393001.002	SORPTION PROPERTIES OF WEDRON 510 SAND (NICKEL DATA AND ANALYSIS).	10/21/91-12/23/92	NICKEL SORPTION WAS MEASURED IN BATCH EXPERIMENTS AT SOLID:SOLUTION RATIOS OF APPROXIMATELY 1:1 OVER THE PH RANGE 5 TO 9.5. EXPERIMENTS WERE CARRIED OUT UNDER ATMOSPHERIC OR CARBON-DIOXIDE-FREE CONDITIONS IN 0.01 OR 0.001 M SODIUM-CHLORIDE IN 40ML POLYCARBONATE (PC) OR PA CENTRIFUGE TUBES. NICKEL CONCENTRATIONS WERE CALCULATED FROM ABSORBANCE DATA USING A QUADRATIC FIT TO THE CALIBRATION DATA. (SEE SAND 93-0039C, FOR MORE DETAIL)	D N C
	ACQN/DEVL LOCATION : SNL			

## SOCIOECONOMIC PLAN

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

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N

SOCIOECONOMIC PLAN

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

## SOCIOECONOMIC PLAN

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

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

D Q  
 A U L  
 T A O  
 A L C  
 I A  
 T F T  
 Y I I  
 P E O  
 E D N

SOCIOECONOMIC PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM00121361T1DB.002	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, OCTOBER 1992 THROUGH DECEMBER 1992  ACQN/DEVL LOCATION : T&MSS	10/01/92-12/31/92	MONITORING OF YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SOCIOECONOMIC PLAN	A Y T
**TM00121361T1DB.003	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, JANUARY 1993 THROUGH MARCH 1993  ACQN/DEVL LOCATION : T&MSS	01/01/93-03/31/93	MONITORING OF YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SOCIOECONOMIC PLAN	A Y T
**TM00121361T1DB.004	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT (EMPLOYMENT CHARACTERISTICS), APRIL 1993 THROUGH JUNE 1993  ACQN/DEVL LOCATION : T&MSS	04/01/93-06/30/93	MONITORING OF YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SOCIOECONOMIC PLAN	A Y T
**TM00121361T1EB.001	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY EMPLOYMENT DATA REPORT, JULY 1993 THROUGH SEPTEMBER 1993  ACQN/DEVL LOCATION : T&MSS	07/01/93-09/30/93	MONITORING OF YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SOCIOECONOMIC PLAN	A Y T

D Q  
A U L  
T A O  
A L C  
I A  
T F T  
Y I I  
P E O  
E D N

## SOCIOECONOMIC PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**TM00121361T1EB.002	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY EMPLOYMENT DATA REPORT, OCTOBER 1993 THROUGH DECEMBER 1993  ACQN/DEVL LOCATION : T&MSS	10/01/93-12/31/93	MONITORING OF YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SOCIOECONOMIC PLAN	A Y T
*TM00121361T1EB.003	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY EMPLOYMENT DATA REPORT, JANUARY 1994 THROUGH MARCH 1994  ACQN/DEVL LOCATION : T&MSS	01/01/94-03/31/94	MONITORING OF YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT CHARACTERISTICS AS DESCRIBED IN REVISION 0 OF THE SOCIOECONOMIC PLAN	A Y P

## APPENDIX A

### SITE CHARACTERIZATION PROGRAM BASELINE ACTIVITY NUMBERS AND NAMES

<u>ACTIVITY NO.</u>	<u>ACTIVITY NAME</u>
8.3.1.2.1.1.1	Precipitation and meteorological monitoring
8.3.1.2.1.2.1	Surface-water runoff monitoring
8.3.1.2.1.2.2	Transport of debris by severe runoff
8.3.1.2.1.3.1	Assessment of the regional hydrogeologic data needs in the saturated zones
8.3.1.2.1.3.2	Regional potentiometric-level distribution and hydrogeologic framework studies
8.3.1.2.1.3.3	Fortymile Wash recharge study
8.3.1.2.1.3.4	Evapotranspiration studies
8.3.1.2.1.4.1	Conceptualization of regional hydrologic flow models
8.3.1.2.1.4.2	Subregional two-dimensional area hydrologic modeling
8.3.1.2.1.4.4	Regional three-dimensional areal hydrologic modeling
8.3.1.2.2.1.1	Characterization of hydrological properties of surficial materials
8.3.1.2.2.1.2	Evaluation of natural infiltration
8.3.1.2.2.1.3	Evaluation of artificial infiltration
8.3.1.2.2.2.1	Chloride and chlorine-36 measurements of percolation at Yucca Mountain
8.3.1.2.2.3.1	Matrix hydrologic properties testing
8.3.1.2.2.3.2	Site vertical borehole studies
8.3.1.2.2.4.2	Percolation tests in the Exploratory Studies Facility
8.3.1.2.2.4.8	Hydrochemistry tests in the Exploratory Studies Facility

<b>ACTIVITY NO.</b>	<b>ACTIVITY NAME</b>
8.3.1.2.2.4.9	Multipurpose-borehole testing
8.3.1.2.2.6.1	Gaseous-phase circulation study
8.3.1.2.2.7.1	Gaseous - phase chemical investigations
8.3.1.2.2.7.2	Aqueous-phase chemical investigations
8.3.1.2.2.8.1	Development of conceptual and numerical models of fluid flow in unsaturated, fractured rock
8.3.1.2.2.9.1	Conceptualization of the unsaturated-zone hydrogeologic system
8.3.1.2.2.9.3	Simulation of the natural hydrogeologic system
8.3.1.2.3.1.2	Site potentiometric-level evaluation
8.3.1.2.3.1.3	Analysis of single- and multiple-well hydraulic-stress tests
8.3.1.2.3.1.4	Multiple-well interference testing
8.3.1.2.3.1.6	Well testing with conservative tracers throughout the site
8.3.1.2.3.1.7	Testing of the C-hole sites with conservative tracers
8.3.1.2.3.2.1	Assessment of saturated-zone hydrochemical data availability and needs
8.3.1.2.3.2.2	Hydrochemical characterization of water in the upper part of the saturated zone
8.3.1.2.3.2.3	Regional hydrochemical tests and analyses
8.3.1.2.3.3.1	Conceptualization of saturated-zone flow models within the boundaries of the accessible environment
8.3.1.2.3.3.2	Development of fracture network model
8.3.1.3.1.1	Ground-water chemistry model
8.3.1.3.2.1	Mineralogy, petrology, and chemistry of transport pathways

<b>ACTIVITY NO.</b>	<b>ACTIVITY NAME</b>
8.3.1.3.2.1.1	Petrologic stratigraphy of the Topopah Spring Member
8.3.1.3.2.1.2	Mineral distributions between the host rock and the accessible environment
8.3.1.3.2.1.3	Fracture mineralogy
8.3.1.3.2.2.1	History of mineralogic and geochemical alteration of Yucca Mountain
8.3.1.3.2.2.2	Smectite, zeolite, manganese minerals, glass dehydration, and transformation
8.3.1.3.4.1	Batch sorption studies
8.3.1.3.4.1.1	Batch sorption measurements as a function of solid phase composition
8.3.1.3.4.1.2	Sorption as a function of sorbing element concentrations (isotherms)
8.3.1.3.4.1.3	Sorption as a function of ground-water composition
8.3.1.3.4.2	Biological sorption and transport
8.3.1.3.5.1.1	Solubility measurements
8.3.1.3.6.1.1	Crushed tuff column experiments
8.3.1.3.6.2.1	Uptake of radionuclides on rock beakers in a saturated system
8.3.1.3.6.2.2	Diffusion through a saturated tuff slab
8.3.1.4.1.2	Integration of geophysical activities
8.3.1.4.2.1.1	Surface and subsurface stratigraphic studies of the host rock and surrounding units
8.3.1.4.2.1.2	Surface-based geophysical surveys
8.3.1.4.2.1.3	Borehole geophysical surveys
8.3.1.4.2.1.4	Petrophysical properties testing
8.3.1.4.2.1.5	Magnetic properties and stratigraphic correlations

<b>ACTIVITY NO.</b>	<b>ACTIVITY NAME</b>
8.3.1.4.2.1.6	Integration of geophysical activities
8.3.1.4.2.2	Characterization of the structural features within the site area
8.3.1.4.2.2.1	Geologic mapping of zonal features in the Paintbrush Tuff
8.3.1.4.2.2.2	Surface-fracture network studies
8.3.1.4.2.2.3	Borehole evaluation of faults and fractures
8.3.1.4.2.2.4	Geologic mapping of the Exploratory Studies Facility
8.3.1.4.2.2.5	Seismic tomography/vertical seismic profiling
8.3.1.4.2.3.1	Development of a three-dimensional geologic model of the site area
8.3.1.4.3.1	Systematic acquisition of site-specific subsurface information
8.3.1.4.3.1.1	Systematic drilling program
8.3.1.5.1.1.1	Synoptic characterization of regional climate
8.3.1.5.1.2.1	Paleontologic analyses
8.3.1.5.1.2.2	Analysis of the stratigraphy-sedimentology of marsh lacustrine, and playa deposits
8.3.1.5.1.3.1	Analysis of pack rat middens
8.3.1.5.1.3.3	Determination of vegetation-climate relationships
8.3.1.5.1.4.1	Modeling of soil properties in the Yucca Mountain region
8.3.1.5.1.4.2	Surficial deposits mapping of the Yucca Mountain area
8.3.1.5.1.4.3	Eolian history of the Yucca Mountain region
8.3.1.5.1.5.1	Paleoclimate-paleoenvironmental synthesis
8.3.1.5.2.1.1	Regional paleoflood evaluation

<b>ACTIVITY NO.</b>	<b>ACTIVITY NAME</b>
8.3.1.5.2.1.2	Quaternary unsaturated zone hydrochemical analysis
8.3.1.5.2.1.3	Evaluation of past discharge areas
8.3.1.5.2.1.4	Analog recharge studies
8.3.1.5.2.1.5	Studies of calcite and opaline silica vein deposits
8.3.1.6.1.1.1	Development of a geomorphic map of Yucca Mountain
8.3.1.6.1.1.2	Analysis of the downcutting history of Fortymile Wash and its tributaries
8.3.1.6.1.1.3	An analysis of hillslope erosion at Yucca Mountain
8.3.1.6.2.1.1	Synthesis and data evaluation of impact of future climatic conditions on locations and rates of erosion
8.3.1.6.3.1.1	Synthesis and data evaluation of the impact of future uplift or subsidence and faulting on erosion at Yucca Mountain and vicinity
8.3.1.8.1.1.3	Presence of magma bodies in the vicinity of the site
8.3.1.8.1.2.1	Eruptive effects
8.3.1.8.3.2.2	Assessment of the effects of igneous intrusions on water-table elevations
8.3.1.8.3.2.5	Effects of faulting on water-table elevation
8.3.1.8.5.1.2	Geochronology studies
8.3.1.8.5.1.3	Field geologic studies
8.3.1.8.5.1.4	Geochemistry of scoria sequences
8.3.1.8.5.1.5	Geochemical cycles of basaltic volcanic fields
8.3.1.8.5.2.1	Evaluation of depth of curie temperature isotherm
8.3.1.8.5.2.3	Heat flow at Yucca Mountain and evaluation of regional ambient heat flow and local heat flow anomalies

<b>ACTIVITY NO.</b>	<b>ACTIVITY NAME</b>
8.3.1.9.2.1.1	Geochemical assessment of Yucca Mountain in relation to the potential for mineralization
8.3.1.9.2.1.4	Assessment of hydrocarbon resources at and near the site
8.3.1.9.2.2.1	Projected trends in local and regional ground-water development, and estimated withdrawal rates in southern Nevada, proximal to Yucca Mountain
8.3.1.12.2.1.1	Site meteorological monitoring program
8.3.1.14.2.1.1	Site reconnaissance
8.3.1.14.2.1.2	Preliminary and detailed exploration
8.3.1.14.2.1.3	Detailed exploration
8.3.1.14.2.2.1	Physical property and index laboratory tests
8.3.1.14.2.2.2	Mechanical and dynamic laboratory property tests
8.3.1.14.2.3	Field tests and characterization measurements
8.3.1.14.2.3.1	Physical property field tests and characterization measurements
8.3.1.14.2.3.2	Mechanical property field tests
8.3.1.14.2.3.3	Geophysical field measurements
8.3.1.15.1.1.1	Density and porosity characterization
8.3.1.15.1.1.3	Thermal conductivity characterization
8.3.1.15.1.2.1	Thermal expansion characterization
8.3.1.15.1.3	Laboratory determination of mechanical properties of intact rock
8.3.1.15.1.3.1	Compressive mechanical properties of intact rock at baseline experiment conditions
8.3.1.15.1.3.2	Effects of variable environmental conditions on mechanical properties
8.3.1.15.1.4	Laboratory determination of the mechanical properties of fractures

<b>ACTIVITY NO.</b>	<b>ACTIVITY NAME</b>
8.3.1.15.1.7.1	Plate loading tests
8.3.1.15.1.8.1	Evaluation of mining methods
8.3.1.15.1.8.2	Monitoring of ground-support systems
8.3.1.15.2.1.2	Overcore stress experiments in the exploratory studies facility
8.3.1.15.2.2.1	Surface-based evaluation of ambient thermal conditions
8.3.1.16.1.1.1	Site flood and debris hazards studies
8.3.1.16.2.1.4	Identification and evaluation of potential effects of repository related withdrawals on the local flow system at Yucca Mountain, Nevada
8.3.1.17.2.1.2	Assess the potential for displacement on faults that intersect underground facilities
8.3.1.17.3.3.2	Select or develop empirical models for ground motion from underground nuclear explosions
8.3.1.17.3.5.1	Identify controlling seismic events
8.3.1.17.3.5.2	Characterize ground motion from the controlling seismic events
8.3.1.17.3.6.2	Evaluate ground motion probabilities
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	Location and recency of faulting near prospective surface facilities
8.3.1.17.4.2.1	Identify appropriate trench locations in Midway Valley
8.3.1.17.4.3.1	Conduct and evaluate deep geophysical surveys in an east-west transect crossing the Furnace Creek fault zone, Yucca Mountain, and the Walker Lane

<b>ACTIVITY NO.</b>	<b>ACTIVITY NAME</b>
8.3.1.17.4.3.2	Evaluate Quaternary faults within 100 km of Yucca Mountain
8.3.1.17.4.3.4	Evaluate the Bare Mountain fault zone
8.3.1.17.4.3.5	Evaluate structural domains and characterize the Yucca Mountain region with respect to regional patterns of faults and fractures
8.3.1.17.4.4.1	Evaluate the Rock Valley fault system
8.3.1.17.4.5.1	Evaluate the significance of the Miocene-Paleozoic contact in the Calico Hills area to detachment faulting within the site area
8.3.1.17.4.5.2	Evaluate postulated detachment faults in the Beatty-Bare Mountain area
8.3.1.17.4.6.1	Evaluate Quaternary geology and potential Quaternary faults at Yucca Mountain
8.3.1.17.4.6.2	Evaluate age and recurrence of movement on suspected and known Quaternary faults
8.3.1.17.4.7.1	Evaluate intermediate depth (2 to 3 km) reflection and refraction methods and plan potential application of these methods within the site area
8.3.1.17.4.7.2	Detailed gravity survey of the site area
8.3.1.17.4.7.3	Detailed aeromagnetic survey of the site area
8.3.1.17.4.7.4	Detailed ground magnetic survey of specific features within the site area
8.3.1.17.4.7.5	Evaluate surface geoelectric methods and plan potential application of these methods within the site area
8.3.1.17.4.7.8	Evaluate shallow seismic reflection (mini-sosie) methods and, if appropriate, conduct surveys of selected structures at and proximal to the site area
8.3.1.17.4.8.1	Evaluate present stress field within site area

<b>ACTIVITY NO.</b>	<b>ACTIVITY NAME</b>
8.3.1.17.4.8.2	Evaluate and test shallow borehole hydrofrac and triaxial strain recovery methods for the determination of in situ stress and, if appropriate, plan potential application of these methods within and proximal to the site
8.3.1.17.4.9.1	Evaluate age and extent of tectonically stable areas at and near Yucca Mountain
8.3.1.17.4.10.1	Relevel base-station network, Yucca Mountain and vicinity
8.3.1.17.4.10.2	Survey selected base stations, Yucca Mountain and vicinity, using global positioning satellite
8.3.1.17.4.10.3	Analyze existing releveling data, Yucca Mountain and vicinity
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
8.3.5.10.5.1	Determine radionuclide transport parameters
8.3.5.10.5.2	Radionuclide transport modeling in the near-field waste package environment
8.3.5.12.1.1	Application of results
8.3.5.12.2.1	Model development
8.3.5.12.2.1.1	Development of a theoretical framework for calculational models
8.3.5.12.2.2	Verification and validation

APPENDIX B

GENISES ADDITIONS: 3rd QUARTER, FY 1994

<u>DATA TRACKING NO.</u>	<u>DATA ITEM DESCRIPTION</u>
GS940208314211.002	TABLE OF CONTACTS IN BOREHOLE USW UZ-N62
GS940208314211.003	TABLE OF CONTACTS IN BOREHOLES USW UZ-N53, UZ-N54, AND UZ-N55
GS940208314211.004	TABLE OF CONTACTS IN BOREHOLE USW UZ-N27
GS940208314211.005	TABLE OF CONTACTS IN BOREHOLES USW UZ-N31, UZ-N32, AND UZ-N37
GS940208314211.006	TABLE OF CONTACTS IN BOREHOLES USW UZ-N33 AND UZ-N34
GS940208314211.007	TABLE OF CONTACTS IN BOREHOLE USW UZ-N35
GS940208314211.008	TABLE OF CONTACTS IN BOREHOLES USW UZ-N57, UZ-N58, UZ-N59, AND UZ-N61
GS920608312312.009	WATER LEVELS IN PERIODICALLY MEASURED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1988 (USGS OFR 90-113)
GS920508312313.005	EARTHQUAKE-INDUCED WATER-LEVEL FLUCTUATIONS AT YUCCA MOUNTAIN, NEVADA, APRIL 1992 (USGS OFR 92-137)
GS920508314212.006	GRAVITY AND MAGNETIC DATA OF FORTYMILE WASH, NEVADA TEST SITE, NEVADA (USGS OFR 92-343)
LA000000000015.002	GEOLOGICAL EVALUATION OF SIX NONWELDED TUFF SITES IN THE VICINITY OF YUCCA MOUNTAIN, NV
LA000000000019.001	SAMPLE DATA FOR MANGANESE ACCUMULATION IN ROCK VARNISH FOR CLASTS COLLECTED FROM ALLUVIAL SURFACES ON THE SODA MOUNTAIN PIEDMONT IN THE MOJAVE DESERT, CALIFORNIA
LA000000000019.002	MANGANESE ACCUMULATION IN ROCK VARNISH ON A DESERT PIEDMONT, MOJAVE DESERT, CALIFORNIA, AND APPLICATION TO EVALUATING VARNISH DEVELOPMENT

<u>DATA TRACKING NO.</u>	<u>DATA ITEM DESCRIPTION</u>
SNF28021693001.002	ROCK MASS CLASSIFICATION DATA FOR THE ALCOVE/NORTH RAMP STARTER TUNNEL
TM00012561T1BB.004	YUCCA MOUNTAIN PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, APRIL 1990 THROUGH JUNE 1990
TM00012561T1BB.005	YUCCA MOUNTAIN PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, JULY 1990 THROUGH SEPTEMBER 1990
TM00012561T1BB.003	YUCCA MOUNTAIN PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, JANUARY 1990 THROUGH MARCH 1990
TM00012561T1BB.002	YUCCA MOUNTAIN PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, OCTOBER 1989 THROUGH DECEMBER 1989
TM00121361T1DB.002	SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, OCTOBER 1992 THROUGH DECEMBER 1992
TM00012561T1BB.009	SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, JULY 1991 THROUGH SEPTEMBER 1991
TM00121361T1DB.001	SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, JULY 1992 THROUGH SEPTEMBER 1992
TM00012561T1BB.010	SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, OCTOBER 1991 THROUGH DECEMBER 1991
TM00012561T1AB.008	SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, APRIL 1991 THROUGH JUNE 1991
TM00012561T1AB.007	SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, JANUARY 1991 THROUGH MARCH 1991
TM00012561T1BB.011	SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, JANUARY 1992 THROUGH MARCH 1992
TM00012561T1BB.012	SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, APRIL 1992 THROUGH JUNE 1992

<u>DATA TRACKING NO.</u>	<u>DATA ITEM DESCRIPTION</u>
TM00012561T1BB.001	YUCCA MOUNTAIN PROJECT SOCIOECONOMIC MONITORING PROGRAM DATA REPORT, JUNE 1986 THROUGH SEPTEMBER 1989
TM00012561T1AB.006	SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, OCTOBER 1990 THROUGH DECEMBER 1990
TM00121361T1DB.004	SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT (EMPLOYMENT CHARACTERISTICS), APRIL 1993 THROUGH JUNE 1993
TM00121361T1DB.003	SOCIOECONOMIC MONITORING PROGRAM QUARTERLY DATA REPORT, JANUARY 1993 THROUGH MARCH 1993
TM00121361T1EB.001	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY EMPLOYMENT DATA REPORT, JULY 1993 THROUGH SEPTEMBER 1993
TM00121361T1EB.002	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SOCIOECONOMIC MONITORING PROGRAM QUARTERLY EMPLOYMENT DATA REPORT, OCTOBER 1993 THROUGH DECEMBER 1993

**APPENDIX C**  
**SUPERSEDED DATA ITEMS**

<u>DTN</u>	<u>SUPERSEDING DTN</u>	<u>CHANGE DESCRIPTION</u>
*SNT01122093001.001	SNT01122093001.002	Includes additional data
*SNF29041993002.013	SNF29041993002.021	Includes additional data
*SNL01B05059301.002	SNL01B05059301.003	Converts digital data to graphical format

\* Indicates data items superseded during current quarter.