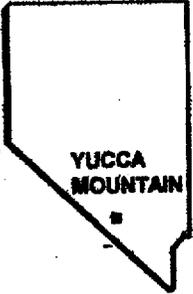


*acc'd with letter d/d. 7/8/94*

U.S. DEPARTMENT OF ENERGY

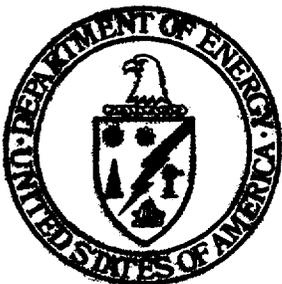
**WM**



**YUCCA MOUNTAIN  
SITE CHARACTERIZATION  
PROJECT**

**YUCCA MOUNTAIN  
SITE CHARACTERIZATION PROJECT**

**TECHNICAL DATA  
CATALOG  
(QUARTERLY SUPPLEMENT)**



*1078*

**MARCH 31, 1994**

**UNITED STATES DEPARTMENT OF ENERGY**

9407210128 940708  
PDR WASTE  
WM-11 PDR

**YUCCA MOUNTAIN  
SITE CHARACTERIZATION PROJECT**

**TECHNICAL DATA CATALOG  
(QUARTERLY SUPPLEMENT)**

**MARCH 31, 1994**

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## INTRODUCTION

The March 21, 1993, 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 data sources are also qualified.)

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

New data items, which were not included in 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 is a data catalog for the Geologic and Engineering Materials Bibliography of Chemical Species (GEMBOCHS) component of the TDB. Appendix C identifies additions or modifications that were incorporated into the GEMBOCHS data base during the current quarter. Appendix D identifies additions or modifications that were incorporated into the Geographic Nodal Information Study and Evaluation System (GENISES) data base during the current quarter.

## ENVIRONMENTAL MONITORING AND MITIGATION PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS930500121347.002	PRELIMINARY DATA ON WATER QUALITY COLLECTED AS PART OF THE WATER-RESOURCES MONITORING PROGRAM FOR THE PERIOD AUGUST '90 THROUGH AUGUST '92, PART 2: DATA COLLECTED UNDER APPROVED TECHNICAL PROCEDURES.	07/12/91-04/14/93	FIELD DATA COLLECTED ACCORDING TO METHODS DESCRIBED IN HP-225T,R0, COLLECTION, TREATMENT AND FIELD ANALYSIS OF WATER SAMPLES; HP-225,R0, METHOD USED TO COLLECT, ANALYZE, PRESERVE AND PROCESS SURFACE AND GROUND WATER SAMPLES, AND HP-225,R1, METHODS USED TO COLLECT AND ANALYZE GROUND WATER AND SURFACE WATER SAMPLES. FURTHER ANALYSIS BY USGS NAT'L WATER QUALITY LAB. (APPROVED VENDOR).	A Y C

ACQN/DEVL LOCATION :

36 35'30"N 116 02'14"W
36 29'29"N 116 08'57"W
36 22'29"N 116 16'25"W
36 25'32"N 116 17'27"W
36 27'55"N 116 19'04"W
36 25'13"N 116 19'27"W
36 29'26"N 116 20'28"W
36 25'55"N 116 20'53"W
36 45'28"N 116 23'22"W
36 45'54"N 116 23'24"W
36 38'35"N 116 23'40"W
36 48'28"N 116 23'40"W
36 34'28"N 116 23'47"W
36 38'25"N 116 24'33"W
36 28'48"N 116 26'46"W
36 48'21"N 116 34'37"W
36 55'20"N 116 37'03"W
36 22'52"N 116 42'53"W
36 27'28"N 116 50'11"W

USGS, NWQL, DENVER

ENVIRONMENTAL MONITORING AND MITIGATION PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS930500121347.003	PRELIMINARY DATA ON WATER QUALITY COLLECTED AS PART OF THE WATER-RESOURCES MONITORING PROGRAM FOR THE PERIOD AUGUST '90 THROUGH AUGUST '92, PART 1.	08/25/90-07/11/91	FIELD DATA COLLECTED ACCORDING TO METHODS DESCRIBED IN HP-225T,R0, COLLECTION, TREATMENT AND FIELD ANALYSIS OF WATER SAMPLES. FURTHER ANALYSIS BY USGS NAT'L WATER QUALITY LAB.	A N C
	ACQN/DEVL LOCATION :			
	36 35'30"N 116 02'14"W			
	36 29'29"N 116 08'57"W			
	36 22'29"N 116 16'25"W			
	36 25'32"N 116 17'27"W			
	36 27'55"N 116 19'04"W			
	36 25'13"N 116 19'27"W			
	36 29'26"N 116 20'28"W			
	36 25'55"N 116 20'53"W			
	36 45'28"N 116 23'22"W			
	36 45'54"N 116 23'24"W			
	36 38'35"N 116 23'40"W			
	36 48'28"N 116 23'40"W			
	36 34'28"N 116 23'47"W			
	36 38'25"N 116 24'33"W			
	36 28'48"N 116 26'46"W			
	36 48'21"N 116 34'37"W			
	36 55'20"N 116 37'03"W			
	36 22'52"N 116 42'53"W			
	36 27'28"N 116 50'11"W			
	USGS NWQL, DENVER			
*GS930500121347.004	QUARTERLY DATA REPORT ON PRELIMINARY DATA OF GROUND-WATER LEVELS AND SPRING FLOWS FROM JANUARY TO MARCH 1993. DATA COLLECTED IN COOPERATION WITH U.S. DEPT. OF ENERGY AND USGS WATER-RESOURCES MONITORING PROGRAM	01/01/93-04/23/93	FIELD DATA COLLECTED ACCORDING TO HP-26, R1, METHOD FOR CALIBRATING WATER-LEVEL MEASUREMENT EQUIPMENT USING THE REFERENCE STEEL TAPES; HP-54,R1, WATER-FLOW MEASUREMENTS USING 90 V-NOTCH WEIRS, FLUMES AND BARRELS; HP-61,R0, USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); HP-99,R1, INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS; AND HP-166,R1, STREAM DISCHARGE MEASUREMENTS USING A PYGMY CURRENT METER.	A Y P
	ACQN/DEVL LOCATION :			
	36 35'30"N 116 02'14"W			
	36 29'29"N 116 08'57"W			

## ENVIRONMENTAL MONITORING AND MITIGATION PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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36	32'13"N 116 13'38"W		
36	20'14"N 116 13'39"W		
36	22'29"N 116 16'25"W		
36	24'11"N 116 16'33"W		
36	24'32"N 116 16'57"W		
36	47'06"N 116 17'06"W		
36	25'29"N 116 17'11"W		
36	25'32"N 116 17'27"W		
36	38'15"N 116 17'59"W		
36	19'54"N 116 18'12"W		
36	27'55"N 116 19'04"W		
36	25'13"N 116 19'27"W		
36	28'58"N 116 19'53"W		
36	29'26"N 116 20'28"W		
36	25'55"N 116 20'53"W		
36	45'28"N 116 23'22"W		
36	45'54"N 116 23'24"W		
36	51'16"N 116 23'38"W		
36	38'35"N 116 23'40"W		
36	48'28"N 116 23'40"W		
36	34'28"N 116 23'47"W		
36	49'43"N 116 23'51"W		
36	34'28"N 116 24'03"W		
36	38'25"N 116 24'33"W		
36	18'17"N 116 24'47"W		
36	49'38"N 116 25'21"W		
36	28'48"N 116 26'46"W		
36	25'25"N 116 27'43"W		
36	33'10"N 116 29'40"W		
36	30'09"N 116 30'27"W		
36	17'24"N 116 32'42"W		
36	47'32"N 116 33'07"W		
36	34'56"N 116 35'25"W		
36	55'20"N 116 37'03"W		
36	54'45"N 116 38'39"W		
36	22'30"N 116 39'29"W		
36	41'30"N 116 41'12"W		
36	22'52"N 116 42'53"W		
36	27'28"N 116 50'11"W		

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ENVIRONMENTAL MONITORING AND MITIGATION PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS931100121347.007	SELECTED GROUND-WATER DATA FOR YUCCA MOUNTAIN REGION, SOUTHERN NEVADA AND EASTERN CALIFORNIA, THROUGH DECEMBER 1992, BY R.J. LACAMERA AND C.L. WESTENBURG.	06/01/93-09/30/93	DATA WAS CHECKED FOR ACCURACY AND REASONABLENESS AND DEVELOPED ACCORDING TO STANDARD USGS PROCEDURE.	D N P
	ACQN/DEVL LOCATION : USGS-WRD, LAS VEGAS, NV			

## METEOROLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TM000000000001.037	METEOROLOGICAL MONITORING PROGRAM SUMMARY REPORT, DECEMBER 1985 THROUGH DECEMBER 1991  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	12/01/85-12/31/91	REFORMATTING OF DATA ACQUIRED FROM DATALOGGERS	D Y T
*TM000000000001.040	PARTICULATE MATTER AMBIENT AIR QUALITY DATA REPORT FOR 1991  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	01/01/91-12/31/91	COMPILATION OF DATA FROM PARTICULATE DATA FORMS	D Y P
*TM000000000001.041	PARTICULATE AIR QUALITY DATA FORMS, JANUARY THRU JUNE 1991, ACCESSION NO. NNA.930809.0006 "ORIGINAL SOURCE DATA"  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	01/01/91-06/30/91	ENTRY OF PARTICULATE DATA ON TO FILTER WEIGHT LOGBOOKS AND PARTICULATE SAMPLER DATA RECORDS	A Y P
*TM000000000001.042	PARTICULATE AIR QUALITY FORMS, JULY THRU SEPTEMBER 1991, ACCESSION NO. NNA.920131.0152 "ORIGINAL SOURCE DATA"  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	07/01/91-09/30/91	ENTRY OF PARTICULATE DATA ON TO FILTER WEIGHT LOGBOOKS AND PARTICULATE SAMPLER DATA RECORDS	A Y P
*TM000000000001.043	PARTICULATE AIR QUALITY FORMS, OCTOBER THRU DECEMBER 1991, ACCESSION NO. NNA.920331.0035 "ORIGINAL SOURCE DATA"  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	10/01/91-12/31/91	ENTRY OF PARTICULATE DATA ON TO FILTER WEIGHT LOGBOOKS AND PARTICULATE SAMPLER DATA RECORDS	A Y P

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METEOROLOGICAL MONITORING PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TM000000000001.048	METEOROLOGICAL MONITORING PROGRAM SUMMARY REPORT, JANUARY 1992 THROUGH DECEMBER 1992  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	01/01/92-12/31/92	DATA ACQUIRED FROM ON-SITE DATALOGGERS	D Y C
*TM000000000001.049	ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	01/01/92-12/31/92	DATA ACQUIRED FROM ON-SITE DATALOGGERS	A Y C
*TM000000000001.050	ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	01/01/93-06/30/93	DATA ACQUIRED FROM ON-SITE DATALOGGERS	A Y P
*TM000000000001.051	ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	07/01/93-09/30/93	DATA ACQUIRED FROM ON-SITE DATALOGGERS	A Y P
*TM000000000001.052	ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED  ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA	10/01/93-12/31/93	DATA ACQUIRED FROM ON-SITE DATALOGGERS	A Y P

## METEOROLOGICAL MONITORING PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
*TM000000000001.053	AMBIENT AIR MONITORING REPORT, OCTOBER - DECEMBER 1993	10/01/93-12/31/93	REFORMATTING OF DATA FROM ON-SITE DATALOGGERS	D Y C
	ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA			

PERFORMANCE ASSESSMENT MANAGEMENT PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940100012544.001	PHYSICAL PROPERTIES LABORATORY DATA OF CORE SAMPLES FROM OUTCROP ROCKS OF CALICO HILLS AND TOPOPAH SPRING GEOLOGIC FORMATIONS. INCLUDES BULK DENSITY, POROSITY, IMBIBITION, GRAIN DENSITY, AND PERMEABILITY.	03/10/92-10/28/92	USGS TECHNICAL PROCEDURE HP-229,R0, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES, WAS USED TO COLLECT THE DATA. IMBIBITION TABLE AND AIR AND WATER PERMEAMETER WERE USED TO COLLECT IMBIBITION AND PERMEABILITY DATA, RESPECTIVELY.	A N P
	ACQN/DEVL LOCATION : USGS HRF, NTS, NV			
*GS940100012544.002	WATER RETENTION DATA FROM SAMPLES USED FOR HIGH TEMPERATURE STUDY.	04/06/93-05/30/93	WATER RETENTION CURVES WERE DETERMINED FOR A N P SUBSAMPLES OF THE CALICO HILLS AND TOPOPAH SPRING SAMPLES THAT WERE PREVIOUSLY HEATED TO 60, 105, 200, 300 AND 400 DEGREES C. USGS TECHNICAL PROCEDURE HP-255 (THIS PROCEDURE WAS UNDER PREPARATION), DETERMINATION OF WATER POTENTIAL USING THE DECAGON CX-2 WATER ACTIVITY SYSTEM, WAS USED TO COLLECT THE DATA FOR WATER POTENTIAL.	
	ACQN/DEVL LOCATION : USGS HRF, NTS, NV			
*GS940100012544.003	HYDROLOGIC PROPERTY ALTERATIONS DUE TO ELEVATED TEMPERATURES AT YUCCA MOUNTAIN, BY A.L. FLINT, M.H. NASH AND M.S. NASH.	03/10/92-02/01/94	REPORTED RESULTS OF TESTS INDICATING THAT HYDROLOGIC AND PHYSICAL PROPERTIES OF THE VOLCANIC TUFF CHANGED WITH INCREASING TEMPERATURE. THIS PRELIMINARY STUDY SUGGESTS THAT ALTERED ROCK PROPERTIES NEED TO BE CONSIDERED WHEN DEVELOPING POST-CLOSURE PERFORMANCE ASSESSMENT MODELS.	D N P
	ACQN/DEVL LOCATION : USGS HRF, NTS, NV			

## PERFORMANCE ASSESSMENT MANAGEMENT PLAN

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F T Y P E	Q U A L I T Y I N D E X
*GS940200012544.004	VERIFICATION OF A 1-DIMENSIONAL MODEL FOR PREDICTING SHALLOW INFILTRATION AT YUCCA MOUNTAIN, BY J.A. HEVESI, A.L. FLINT AND L.E. FLINT	01/01/90-12/31/93	VOLUMETRIC WATER CONTENT PROFILES WERE USED TO DEVELOP, CALIBRATE, AND VERIFY A NUMERICAL MODEL OF SHALLOW INFILTRATION IN ALLUVIUM MATERIAL, USING MEASURED PRECIPITATION AND ESTIMATED POTENTIAL EVAPOTRANSPIRATION AS CLIMATIC INPUT	D	N P
ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV					

RADIOLOGICAL MONITORING PLAN

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*TM000000001993.010	EPERM DATA FOR OCTOBER 1993 ACQN/DEVL LOCATION : NEAR FIELD SITES AND FF83.	10/05/93-11/03/93	ACQUIRED PER WI-RM-770, REV. 4, ICN 0.	A Y C
*TM000000001993.011	EPERM DATA FOR NOVEMBER 1993 ACQN/DEVL LOCATION : NEAR FIELD SITES AND FF83.	11/03/93-12/03/93	ACQUIRED PER WI-RM-770, REV. 4, ICN 0.	A Y C
*TM000000001993.012	EPERM DATA FOR DECEMBER 1993 ACQN/DEVL LOCATION : NEAR FIELD SITES AND FF83.	12/03/93-01/05/94	ACQUIRED PER WI-RM-770, REV. 4, ICN 0.	A Y C

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
Activity - 8.3.1.2.1.1.1			
*GS940108312111.001	PRECIPITATION QUANTITY (DEPTH) IN INCHES, FOR STORM EVENTS BETWEEN 10/1/92 AND 9/30/93. AN EFFORT WAS MADE TO RECORD MEASUREMENTS AFTER EACH STORM EVENT AT YUCCA MOUNTAIN. HOWEVER, SOME EVENTS OVER A SEVERAL DAY PERIOD WERE CONSOLIDATED INTO ONE MEASUREMENT AT EACH GAGE SO AFFECTED.	10/08/92-09/30/93	PRECIPITATION MEASUREMENTS WERE MADE FROM A NETWORK OF COLLECTION TYPE, NON-RECORDING RAIN GAGES. THEY ARE NON-AUTOMATED. READINGS WERE TAKEN FROM A SCALE IMPRINTED ON THE PLASTIC GAGE OR FROM A DIP STICK MARKED WITH A SCALE. GAGES WERE A MIXTURE OF THREE TYPES; PLASTIC WEDGE-SHAPED GAGE WITH A SQUARE ORIFICE, 4-INCH DIAMETER PLASTIC CANISTER GAGE, AND 8-INCH DIAMETER METAL STORAGE GAGE. HP-43,R2, INSTALLATION, OPERATION, AND EXAMINATION OF TWO TYPES OF NON-RECORDING RAIN GAGES, HP-264,R0, FIELD MEASUREMENT OF PRECIPITATION USING NON-RECORDING RAIN GAGES.
ACQN/DEVL LOCATION : N730000 (N) E550000 (N) ;N770000 (N) E610000 (N)			
*GS940108312111.002	PRECIPITATION DATA. THE DATA IS ARCHIVED AS TIPS OF THE BUCKETS OF A GIVEN VOLUME WITHIN EACH OF SEVEN TIPPING-BUCKET PRECIPITATION GAGES. EACH TIP IS TIME-STAMPED.	10/01/92-09/30/93	DATA WERE GENERATED BY THE TIPPING OF BUCKETS WITH TIPPING-BUCKET TYPE PRECIPITATION GAGES AT SEVEN REMOTE LOCATIONS ON AND NEAR YUCCA MOUNTAIN. EACH TIP IS RECORDED BY A DATALOGGER WHICH TIME-STAMPS IT. THE DATA ARE EVENT-DRIVEN AND ARE STORED IN DATALOGGER MEMORY AND ON AUDIO CASSETTE TAPE. THE DATA ARE DOWNLOADED INTO A COMPUTER DATABASE AND STORED ON REMOVABLE CARTRIDGE DISKS.
ACQN/DEVL LOCATION : N782850 (N) E554986 (N) N757500 (N) E555739 (N) N751136 (N) E560265 (N) N768606 (N) E566119 (N) N759011 (N) E567934 (N) N754015 (N) E573575 (N) N742400 (N) E576300 (N)			

SITE CHARACTERIZATION PLAN BASELINE

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940108312111.003	METEOROLOGICAL DATA. CONSISTS OF WIND SPEED, WIND DIRECTION, AIR TEMPERATURE, RELATIVE HUMIDITY, SOLAR RADIATION FLUX, BAROMETRIC PRESSURE, AND PRECIPITATION. ALL PARAMETERS ARE TAKEN AT FIVE SITES EXCEPT BAROMETRIC PRESSURE WHICH IS TAKEN AT ONLY ONE SITE. PRECIPITATION DATA ARE RECORDED BY EVENT.	10/01/92-09/30/93	HP-95,R0, MEASUREMENT OF WIND DIRECTION USING MET-1 MODEL 024A SENSOR; HP-96,R1, MEASUREMENT OF WIND SPEED USING MET-1 MODEL 014A SENSOR; HP-97,R1, MEASUREMENT OF TEMP & RH USING CAMPBELL 207 PROBE; HP-179,R2, FIELD MEASUREMENT OF PRECIPITATION USING TIPPING BUCKET GAGE; HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY PYRANOMETER; HP-177,R1&2, OPERATION OF (SETRA 270) BAROMETRIC PRESSURE TRANSDUCER. DATA WERE GENERATED BY SENSORS MOUNTED ON AUTOMATED DATA COLLECTION PLATFORMS AT REMOTE SITES ON AND NEAR YUCCA MTN., RECORDED BY DATA LOGGERS, DOWNLOADED TO A DATABASE VIA RADIO TELEMETRY, AND ARCHIVED ON REMOVABLE DISK CARTRIDGES. RAW DATA ALSO STORED ON AUDIO CASSETTE TAPES. SENSORS ARE PULSED EVERY 10 SECONDS. TEN-SECOND DATA ARE AVERAGED OVER 15 MINUTES AND STORED IN DATALOGGER MEMORY. DAILY FILES OF 15-MIN. DATA ARE ARCHIVED IN ASCII FORMAT.	A Y C
	ACQN/DEVL LOCATION : N782850 (N) E554986 (N) N757500 (N) E555739 (N) N771482 (N) E560148 (N) N759011 (N) E567934 (N) N743968 (N) E610564 (N)			
*GS940208312111.004	A PRELIMINARY CHARACTERIZATION OF THE SPATIAL VARIABILITY OF PRECIPITATION AT YUCCA MOUNTAIN, NEVADA, BY J.A. HEVESI, D.S. AMBOS AND A.L. FLINT	01/01/90-10/31/93	MEASURED ACCUMULATIONS OF PRECIPITATION AT YUCCA MT., OBTAINED USING THE NON-RECORDING GAGE NETWORK, WERE USED FOR A GEOSTATISTICAL ANALYSIS OF STORM EVENTS.	D N P
	ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
Activity - 8.3.1.2.1.2.1			
*GS920708312121.001	SURFACE-WATER DISCHARGE DATA, INCLUDING COPIES OF RECORDER CHARTS AND DISCHARGE MEASUREMENTS NOTES, COLLECTED DURING WATER YEARS 1983-85 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA.	10/01/82-09/30/85	DATA WERE COLLECTED USING METHOD DESCRIBED A N P IN USGS-TWRTI'S BOOK 3, CH. A1, A2, A3, A8, A13 AND A19; BOOK 4, CH. B1; BOOK 5, CH. A1; BOOK 8, CH. A2 AND B2; AND USGS WSP-2175.
	ACQN/DEVL LOCATION : 36 00'N 117 00'W ;37 30'N 115 30'W		
*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. D N P
	ACQN/DEVL LOCATION : USGS, CARSON CITY, NV USGS, LAS VEGAS, NV		
*GS930908312121.003	SURFACE-WATER DISCHARGE DATA, INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENT NOTES AND PRECIPITATION DATA, COLLECTED DURING WATER YEARS 1986-1990 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA: PART A, ENDING 5/2/89	10/01/85-05/02/89	METHODS DESC. IN USGS TWRI'S: BK.3: CH.A1, A N P A2,A3&A8; BK 5: CH.A1; BK 8: CH.A2&B2; & USGS-WSP 2175. ALSO HP-40,R1, DETERM. PEAK DISCHARGE BY SLOPE-CONVEYANCE; HP-43,R1, INSTAL., OPER.& INSPECT. 2 TYPES NON-RECORDING RAIN GAGES; HP-44,R1, INSTAL., OPER.& INSPECT. CREST-STAGE STRMFLOW GAGES, HP-45,R1, INSTAL., OPER.& EXAM. RECORDING STRMFLOW GAGE USING BUBBLE-GAGE STACOM MANOMETER; HP-91,R0&R1, COLLECT.& FIELD ANALY. SURF. WATER SAMPLES, HP-100,R0, STREAM DISCHARGE MEAS. USING TYPE-AA PRICE CURRENT METER; HP-114, R0 EST. STRMFLOW DISCHARGE; HP-115,R0&R1, DETER. PEAK STRMFLOW DISCHARGE USING CULVERTS; HP-116,R0, INSTAL., OPER.& EXAM. REC.-STRMFLOW GAGE THAT USES STILLING WELL SYSTEM/ CONT. GRAPHIC RECORDER; HP-117,R0, INSTAL., INSPECT.& MAINT. SCOUR CHAINS AT STRMFLOW GAGING SITES; HP-166,R0, STRM. DISCHARGE MEAS USING PYGMY CURRENT METER; HP-169,R0, DETER. PEAK STRM. DISCHARGE BY

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ACQN/DEVL LOCATION : 36 34'00"N 115 48'40"W  
 36 26'09"N 116 04'28"W  
 36 48'27"N 116 05'41"W  
 36 33'40"N 116 06'00"W  
 36 37'35"N 116 08'31"W  
 36 41'08"N 116 08'52"W  
 37 09'51"N 116 12'11"W  
 35 50'55"N 116 13'45"W  
 36 44'17"N 116 13'58"W  
 37 10'57"N 116 15'59"W  
 36 46'06"N 116 19'23"W  
 36 11'48"N 116 22'06"W  
 36 53'13"N 116 22'50"W  
 36 51'58"N 116 23'38"W  
 36 49'13"N 116 23'52"W  
 36 48'27"N 116 24'01"W  
 36 47'35"N 116 24'29"W  
 36 51'06"N 116 25'44"W  
 36 40'18"N 116 26'03"W  
 36 51'16"N 116 27'07"W  
 36 56'37"N 116 43'09"W  
 36 52'06"N 116 45'34"W

*GS930908312121.004	SURFACE-WATER DISCHARGE DATA, INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENTS NOTES, AND PRECIPITATION DATA COLLECTED DURING WATER YEARS 1986-1990 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA: PART B, BEGINNING 5/3/89	05/03/89-09/30/90	METHODS DESCRIBED IN USGS TWRI'S: BK 3: CH A1,A2,A3&A8; BK 5: CH. A1; BK 8: CH.A2&B2; & USGS-WSP 2175. ALSO HP-40,R1, DETER PEAK DISCHARGE BY SLOPE-CONVEYANCE; HP-43,R1, INSTAL., OPER.& INSPECT. 2 TYPES OF NON-RECORD. RAIN GAGES; HP-44,R1, INSTAL., OPER.& INSPECT. CREST-STAGE STRMFLOW GAGES, HP-45, INSTAL., OPER.& EXAM. RECORDING STRMFLOW GAGE USING BUBBLE-GAGE STACOM MANOMETER; HP- 91, R0&R1, COLLECT.& FIELD ANALY. SURF.-WATER SAMPLES; HP-100,R0, STREAM DISCHARGE MEAS. USING TYPE-AA PRICE CURRENT METER; HP-114, R0, EST. STRMFLOW DISCHARGE, HP-115,R0&R1, DETERM. PEAK STRMFLOW DISCHARGE USING CULVERTS; HP-116,R0, METHOD TO INSTALL, OPER,& EXAM. REC.-STRMFLOW GAGE THAT USES A STILL-WELL SYSTEM/ CONT. GRAPHIC
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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
			RECORDER); HP-117,RO, INSTAL., INSPECT.& MAINT. OF SCOUR CHAINS AT STRMFLOW GAGING SITES, HP-166,RO, STRMFLOW DISCHARGE BY SLOPE-AREA METHOD.	
	ACQN/DEVL LOCATION :	36 34'00"N 115 48'40"W		
		36 26'09"N 116 04'28"W		
		36 48'27"N 116 05'41"W		
		36 33'40"N 116 06'00"W		
		36 37'35"N 116 08'31"W		
		36 41'08"N 116 08'52"W		
		37 09'51"N 116 12'11"W		
		35 50'55"N 116 13'45"W		
		36 44'17"N 116 13'58"W		
		37 10'57"N 116 15'59"W		
		36 46'06"N 116 19'23"W		
		36 11'48"N 116 22'06"W		
		36 53'13"N 116 22'50"W		
		36 51'58"N 116 23'38"W		
		36 49'13"N 116 23'52"W		
		36 48'27"N 116 24'01"W		
		36 47'35"N 116 24'29"W		
		36 51'06"N 116 25'44"W		
		36 40'18"N 116 26'03"W		
		36 51'16"N 116 27'07"W		
		36 56'37"N 116 43'09"W		
		36 52'06"N 116 45'34"W		
*GS930908312121.005	STREAMFLOW AND SELECTED PRECIPITATION DATA FOR YUCCA MOUNTAIN AND VICINITY, , NYE COUNTY, NEVADA, WATER YEARS 1986-90, BY T.G. KANE, D.J. BAUER, AND C.M. MARTINEZ.	11/01/92-08/27/93	ACQUIRED DATA WERE COMPILED INTO AN OPEN FILE REPORT USING GENERAL USGS REPORT GUIDELINES.	D N P
	ACQN/DEVL LOCATION :	USGS, CARSON CITY, NV		
		USGS, LAS VEGAS, NV		

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
*GS931108312121.006	SURFACE-WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENT NOTES, LEVEL NOTES, PRECIPITATION AND WATER SAMPLE ANALYSIS FOR THE YUCCA MTN. AREA, SOUTHERN NEVADA AND SOUTHEASTERN CALIFORNIA, 1993 WATER YEAR.	10/01/92-09/30/93	USGS TWRI'S: BOOK 3: CH.A1,A2,A3,A4,A5,A8; A Y P BOOK 5: CH.A1; BOOK 8: CH.A2; AND USGS-WSP 2175. ALSO HP-40,R2, EST. PEAK-STREAMFLOW DISCHARGE BY SLOPE-CONVEYANCE; HP-43,R2, INSTAL.,OPER.&INSPECT. 2 TYPES NON-RECORDING RAIN GAGES; HP-44,R3, INSTAL.,OPER.&EXAM. CREST-STAGE STRMFLOW GAGES; HP-45,R3, INSTAL.OPER.&EXAM. RECORDING STRMFLOW GAGE USING BUBBLE-GAGE STACOM MANOMETER SYSTEM; HP-91,R3, COLLECT.& FIELD ANALY. SURFACE-WATER SAMPLES; HP-100,R1, STREAM DISCHG. MEAS. USING TYPE-AA PRICE CURRENT METER; HP-114, R1, EST. STRMFLOW DISCHG.; HP-115,R1, DETER. PEAK STRMFLOW DISCHG. USING CULVERTS; HP-116,R1&R2, INSTAL., OPER.&EXAM. RECORDING STRMFLOW GAGE THAT USES STILLING-WELL SYSTEM WITH CONT. GRAPHIC RECORDER; HP-117,R2, INSTAL., INSPECT.&MAINT. SCOUR CHAINS AT STRMFLOW GAGING SITES; HP-166,R1, STREAM DISCHG. MEAS. USING PYGMY CURRENT METER; HP-169, R2, DETER. PEAK STRMFLOW DISCHG. BY SLOPE-AREA.

ACQN/DEVL LOCATION :

36 34'00"N 115 48'40"W
36 26'09"N 116 04'28"W
36 48'27"N 116 05'41"W
36 33'40"N 116 06'00"W
36 27'36"N 116 06'28"W
36 37'35"N 116 08'31"W
36 41'08"N 116 08'52"W
37 09'51"N 116 12'11"W
35 50'55"N 116 13'45"W
36 44'17"N 116 13'58"W
37 10'57"N 116 15'19"W
36 46'06"N 116 19'23"W
37 04'12"N 116 20'23"W
37 04'19"N 116 20'50"W
37 04'21"N 116 20'50"W
36 11'48"N 116 22'06"W
36 53'13"N 116 22'50"W
36 51'58"N 116 23'38"W

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	34 49'13"N 116 23'52"W			
	36 48'27"N 116 24'01"W			
	36 47'35"N 116 24'29"W			
	36 23'12"N 116 25'22"W			
	36 51'06"N 116 25'44"W			
	36 40'18"N 116 26'03"W			
	36 51'39"N 116 26'08"W			
	36 50'36"N 116 26'26"W			
	36 50'57"N 116 27'07"W			
	36 51'16"N 116 27'07"W			
	36 57'37"N 116 43'09"W			
	36 52'06"N 116 45'04"W			
	36 52'06"N 116 45'34"W			
Activity - 8.3.1.2.1.3.2				
**GS930408312132.011	HYDROLOGY, BY W.E. WILSON -- FY 1980 REPORT	01/01/81-05/01/82	SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL AND HYDROGEOLOGICAL STUDIES INCLUDING GROUNDWATER CHEMISTRY, MINERALOGY, X-RAY DIFFRACTION, TEMPERATURE AND CLIMATE.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO.			
*GS930908312132.018	WATER LEVEL MEASUREMENTS IN WELLS OF AMARGOSA DESERT PERFORMED BETWEEN 3/22/92 & 9/30/93. THE FOLLOWING LIST IDENTIFIES THE WELL, NUMBER OF MEASUREMENTS IN 1992, & NUMBER OF MEASUREMENTS IN 1993: GS-1,1,3; GS-3 STEEL,0,4; GS-3 PVC,0,5; GS-3 (FLP),1,0; GS-4,1,0; GS-5,1,0; GS-6,1,0; GS-7,1,0; GS-9,1,0; GS-10,1,0; GS-12,1,1; GS-13,1, 1; GS-14,1,1; GS-16,2,6; GS-17 PVC,2,6; GS-18,1,2; GS-20 (FLP),0,1; AM-1 STEEL,1, 3; AM-1 PVC,1,2; AM-2 STEEL,1,4; AM-2 PVC,1,4; BJ,0,3; BT-4,1,1; N25 E5 15,3, 3; JC-5,1,0; LC-262 PVC,1,3; LC-262 STEEL,1,3; NA-2,1,1; NA-4 (BGWM-2),0,2; NA-6 STEEL,0,2; NA-6 PVC,0,3; NA-7 STEEL,5,4; NA-7 PVC,5,4; N-8,0,2; NA-9	03/22/92-09/30/93	HP-99,R1, INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS.	A Y P

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	STEEL,1,3; NA-9 PVC,2,5; NA-10 STEEL,0,8; NA-10 PVC,0,8; S-1 STEEL,1,4; S-1 PVC,1,5; S-2,1,0; ST-1 STEEL,0,16; ST-2 STEEL,0,14, ST-2 PVC,0,25; WELL FL,0,8; WELL #5,0,2; WELL-13,1,0; CINDER LAKE B,0,1.			
	ACQN/DEVL LOCATION : 36 00'00"N 117 00'00"W ;37 00'00"N 116 00'00"W			
**GS931008312132.003	HYDROCHEMICAL DATA OF SAMPLES COLLECTED FROM SMALL DIAMETER WELLS	04/15/92-09/29/93	STANDARD NWQL METHODS AND HP-23,R2, COLLECTION AND FIELD ANALYSIS OF GROUND-WATER SAMPLES FROM SATURATED ZONE.	A Y C
	ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO			
**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, D Y C FORMATTED AS A SPREADSHEET AND PRESENTED AS POSTER.	D Y C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
Activity - 8.3.1.2.1.3.3				
*GS931208312133.002	DEPTH-TO-WATER DATA FOR UE-29A #1 AND #2 AND UE-29 UZN #91 COLLECTED IN WATER YEAR 1992	10/01/91-09/30/92	DATA COLLECTED ACCORDING TO HP-99,R1, INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS, AND HP-61,R0, USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES).	A Y C
	ACQN/DEVL LOCATION : UE-29 UZN #91 UE-29A #1 UE-29A #2			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T Q D U L I A O F L C I A T F T Y I I P E O E D N
*GS931208312133.003	DEPTH-TO-WATER DATA FOR UE-29A #1 AND #2 AND UE-29 UZN #91 COLLECTED IN WATER YEAR 1993  ACQN/DEVL LOCATION : UE-29 UZN #91 UE-29A #1 UE-29A #2	10/01/92-09/30/93	DATA COLLECTED ACCORDING TO HP-99,R1, INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS, AND HP-61,R0, USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES).	A Y C
*GS940108312133.001	GROUND-WATER RECHARGE IN FORTYMILE WASH NEAR YUCCA MOUNTAIN, NEVADA, 1992-93, BY C.S. SAVARD  ACQN/DEVL LOCATION : USGS, MERCURY, NEVADA	10/01/93-12/21/93	HP-61,R0, "USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); HP-99,R1, "INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS"; HP-62,R6, "METHOD FOR MEASURING SUB-SURFACE MOISTURE CONTENT USING A CAMPBELL SCIENTIFIC 21X MICROLOGGER"; HP-254,R0, "DEVELOPMENT AND USE OF A CALIBRATION EQUATION FOR A HAND HELD NEUTRON MOISTURE METER".	D Y P
*GS940308312133.002	WATER QUALITY DATA FOR SAMPLES TAKEN IN FORTYMILE WASH, NEVADA, DURING THE 1993 WATER YEAR.  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	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 P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.1.1				
**GS900908312211.001	GEOHYDROLOGIC AND DRILL-HOLE DATA FOR TEST WELL USW H-1, ADJACENT TO NEVADA TEST SITE, NYE COUNTY, NEVADA, BY F.E. RUSH, WILLIAM THORDARSON, AND LAURA BRUCKHEIMER	01/01/82-02/15/83	USGS STANDARD COLLECTION METHODS. THIS REPORT PRESENTS DATA COLLECTED TO DETERMINE THE HYDROLOGIC CHARACTERISTICS OF ROCKS PENETRATED IN TEST WELL USW H-1.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS900908312211.002	HYDROLOGIC, METEOROLOGICAL AND UNSATURATED-ZONE MOISTURE-CONTENT DATA, FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA, BY J.B. CZARNECKI	01/01/86-11/13/89	USGS STANDARD COLLECTION METHODS.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS940108312211.001	CHARACTERIZATION OF A DESERT SOIL SEQUENCE AT YUCCA MTN, NEVADA, BY W.R. GUERTAL, A.L. FLINT AND L.L. HOFMANN	09/01/93-01/10/94	REPORT COMPARING HORIZON DESCRIPTIONS BOREHOLE GEOPHYSICS, AND A PONDED INFILTRATION EXPERIMENT	D N P
	ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV			
*GS940108312213.002	VOLUMETRIC WATER CONTENTS FROM NEUTRON MOISTURE METER COUNTS FROM LOGS COLLECTED AT UE-25 UZN #85 AT YUCCA MOUNTAIN, NV	03/09/93-08/30/93	NEUTRON LOGS WERE COLLECTED USING THE CPN 503 MOISTURE PROBE. LOGS WERE TAKEN AT SELECTED INTERVALS DURING THE N-85 PONDING/INFILTRATION EXPERIMENT.	D N P
	ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940108312213.003	SOIL DESCRIPTIONS, PARTICLE SIZE ANALYSIS, HYDRAULIC CONDUCTIVITY AND WATER RETENTION FOR PROFILE AT UE-25 UZN #85 YUCCA MOUNTAIN, NV	01/06/93-11/12/93	PROFILE DESCRIBED USING STANDARD MORPHOLOGICAL TECHNIQUES, PARTICLE SIZE WAS DETERMINED USING THE HYDROMETER METHOD AND SIEVING WATER RETENTION COLLECTED USING A STEPPED DRAINAGE PROCEDURE. HYDRAULIC CONDUCTIVITY WAS ESTIMATED FROM PARTICLE SIZE ANALYSIS	A N P
	ACQN/DEVL LOCATION : UE-25 UZN #85 USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV			
*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 P
	ACQN/DEVL LOCATION : N231,500 (N) E171,000 (N) ;N232,000 (N) E172,000 (N)			
*GS940308312211.004	TEMPORAL MEASUREMENTS OF GRAVIMETRIC WATER CONTENT AND WATER POTENTIAL AT EACH LOCATION ALONG THREE TRANSECTS AT (UN-NAMED) WT-2 WASH	03/01/93-09/29/93	GRAVIMETRIC WATER CONTENT AND WATER POTENTIAL WERE MEASURED USING USGS TECHNICAL PROCEDURES HP-229,R3, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES AND HP-255,R0, DETERMINATION OF WATER POTENTIAL USING THE DECAGON CX-2 WATER ACTIVITY SYSTEM.	A N P
	ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*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 P
	ACQN/DEVL LOCATION : USGS HRF, NTS			
*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 A N P 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 P
	ACQN/DEVL LOCATION : USGS HRF, NTS			
Activity - 8.3.1.2.2.1.2				
*GS930108312212.006	USW UZN-53 CORE ANALYSIS: BULK DENSITY, POROSITY, PARTICLE DENSITY, & IN SITU SATURATION.	06/01/92-10/31/92	BULK DENSITY USING ARCHIMEDES' METHOD, POROSITY USING SATURATED CORE, PARTICLE DENSITY CALCULATED FROM ABOVE, SATURATIONS DETERMINED GRAVIMETRICALLY FROM PRESERVED SAMPLES. USGS HP-229,R1, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES.	A Y P
	ACQN/DEVL LOCATION : USGS HRF, NTS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F T Y P E
*GS940108312212.001	NEUTRON MOISTURE METER COUNTS COLLECTED FROM UE-29 UZN #91 AND UE-29 UZN #92 NEAR YUCCA MOUNTAIN, NEVADA, FROM 10/01/91 TO 09/30/93.  ACQN/DEVL LOCATION : UE-29 UZN #91 UE-29 UZN #92 (AREA 25)	10/01/91-09/30/93	NEUTRON LOGS WERE COLLECTED USING THE CPN 503 MOISTURE PROBE USING USGS HP-62,R6, METHOD FOR MEASURING SUB-SURFACE MOISTURE CONTENT USING A NEUTRON MOISTURE METER.	A Y C
*GS940108312212.002	DIGITIZED DATA INDICATING SURFACE UNIT BOUNDARIES FOR SHALLOW FLUX  ACQN/DEVL LOCATION : USGS HRF, NTS	12/01/93-01/10/94	ESTIMATES OF SURFACE UNIT BOUNDARIES DEFINING AREAS WITH SIMILAR PROPERTIES WERE DIGITIZED FROM A GEOLOGIC MAP AND INPUT INTO WORKSHEET FILES	D N P
*GS940108312212.003	NEUTRON MOISTURE METER COUNTS FROM LOGS COLLECTED FROM 99 BOREHOLES AT YUCCA MOUNTAIN FROM OCT. 1, 1991, OR FROM THE TIME THEY WERE DRILLED, UNTIL DEC. 31, 1993.  ACQN/DEVL LOCATION : UE-25 UZN #1 UE-25 UZN #10 UE-25 UZN #12 UE-25 UZN #13 UE-25 UZN #14 UE-25 UZN #18 UE-25 UZN #19 UE-25 UZN #2 UE-25 UZN #20 UE-25 UZN #21 UE-25 UZN #22 UE-25 UZN #23 UE-25 UZN #28 UE-25 UZN #29 UE-25 UZN #3 UE-25 UZN #30 UE-25 UZN #4 UE-25 UZN #5 UE-25 UZN #56	10/01/91-12/30/93	NEUTRON LOGS WERE COLLECTED USING THE CPN 503 MOISTURE PROBE APPROXIMATELY EVERY 1-2 MONTHS USING USGS HP-62,R5 AND R6, METHOD FOR MEASURING SUB-SURFACE MOISTURE CONTENT USING A NEUTRON MOISTURE METER	A Y P

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	UE-25 UZN #6		
	UE-25 UZN #60		
	UE-25 UZN #7		
	UE-25 UZN #8		
	UE-25 UZN #85		
	UE-25 UZN #9		
	UE-25 UZN #97		
	UE-29 UZN #91		
	UE-29 UZN #92		
	USW UZ-N11		
	USW UZ-N15		
	USW UZ-N16		
	USW UZ-N17		
	USW UZ-N24		
	USW UZ-N25		
	USW UZ-N26		
	USW UZ-N27		
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	USW UZ-N64		
	USW UZ-N65		
	USW UZ-N66		
	USW UZ-N67		
	USW UZ-N68		
	USW UZ-N69		
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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940108312212.004	VOLUMETRIC WATER CONTENT CALCULATED FROM PRELIMINARY FIELD CALIBRATION EQUATIONS USING NEUTRON COUNTS FOR 99 BOREHOLES FOR 1/1/90 - 12/31/93.	01/01/90-12/31/93	PRELIMINARY EQUATIONS DEVELOPED USING REGRESSION TECHNIQUES WITH NEUTRON COUNTS AND MEASURED FIELD VOLUMETRIC WATER CONTENTS FOR NEUTRON MOISTURE METERS 3, 5, 6, 7, AND 8, USED TO CALCULATE FIELD VOLUMETRIC WATER CONTENT IN BOREHOLES FOR DATA COLLECTED BETWEEN 1/1/90 - 8/30/93.	D N P
	ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV			
*GS940108312212.005	SPATIAL DISTRIBUTION OF A POTENTIAL MOISTURE FLUX OF THE NEAR SURFACE OF YUCCA MOUNTAIN, BY A.L. FLINT AND L.E. FLINT	10/01/93-01/14/94	ESTIMATES OF ZONES WITHIN SITE-SCALE MODEL BOUNDARIES THAT HAVE SIMILAR PROPERTIES AND CONTRIBUTE TO CALCULATED POTENTIAL AND ESTIMATED PRESENT-DAY SHALLOW FLUXES.	D N P
	ACQN/DEVL LOCATION : USGS HRF, NTS, NV			
*GS940108312212.006	SHALLOW INFILTRATION PROCESSES IN ARID WATERSHEDS AT YUCCA MOUNTAIN, NEVADA, BY L.E. FLINT, A.L. FLINT AND J.A. HEVESI	06/01/93-01/10/93	A CONCEPTUAL MODEL OF SHALLOW INFILTRATION PROCESSES WAS DEVELOPED USING NEUTRON LOGS AND RAINFALL DATA	D N P
	ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV			
*GS940308312213.007	WATER CONTENT AND WATER POTENTIAL FOR THE TOP FEW INCHES OF THE SURFICIAL MATERIALS AT A LOCATION CLOSE TO EACH OF 90 BOREHOLES IN THE YUCCA MOUNTAIN AREA. MEASUREMENTS WERE MADE ON A MONTHLY BASIS AT THE SAME TIME AS NEUTRON LOGGING.	10/01/92-08/31/93	GRAVIMETRIC WATER CONTENT AND WATER POTENTIAL WERE MEASURED USING USGS TECHNICAL PROCEDURES HP-229,R1,R1-M1 AND R2, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES; AND HP-255,R0, DETERMINATION OF WATER POTENTIAL USING THE DECAGON CX-2 WATER ACTIVITY SYSTEM.	A N P
	ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.1.3				
*GS940108312211.002	GEOPHYSICAL LOGS FROM UE-25 UZN #85 AT YUCCA MOUNTAIN, NV (WIRELINE LOGGING TOOL MEASUREMENTS)	01/06/93-11/12/93	TRUCK MOUNTED GEOPHYSICAL TOOLS (NATURAL GAMMA, COMPENSATED NEUTRON POROSITY, AND GAMMA-GAMMA DENSITY) WERE USED TO IDENTIFY DISTINCT HORIZONS.	A N P
	ACQN/DEVL LOCATION : UE-25 UZN #85			
*GS940108312213.001	NEUTRON MOISTURE METER COUNTS FOR THE PONDING AND REDISTRIBUTION EXPERIMENTS FROM LOGS COLLECTED AT UE-25 UZN #85 AT YUCCA MOUNTAIN.	03/09/93-08/30/93	NEUTRON LOGS WERE COLLECTED USING THE CPN 503 MOISTURE PROBE. LOGS WERE TAKEN AT SELECTED INTERVALS DURING THE N-85 PONDING/INFILTRATION EXPERIMENT. HP-62, R6, METHOD FOR MEASURING SUB-SURFACE MOISTURE CONTENT USING A NEUTRON MOISTURE METER.	A N P
	ACQN/DEVL LOCATION : UE-25 UZN #85			
*GS940108312213.002	VOLUMETRIC WATER CONTENTS FROM NEUTRON MOISTURE METER COUNTS FROM LOGS COLLECTED AT UE-25 UZN #85 AT YUCCA MOUNTAIN, NV	03/09/93-08/30/93	NEUTRON LOGS WERE COLLECTED USING THE CPN 503 MOISTURE PROBE. LOGS WERE TAKEN AT SELECTED INTERVALS DURING THE N-85 PONDING/INFILTRATION EXPERIMENT.	D N P
	ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV			
*GS940108312213.003	SOIL DESCRIPTIONS, PARTICLE SIZE ANALYSIS, HYDRAULIC CONDUCTIVITY AND WATER RETENTION FOR PROFILE AT UE-25 UZN #85 YUCCA MOUNTAIN, NV	01/06/93-11/12/93	PROFILE DESCRIBED USING STANDARD MORPHOLOGICAL TECHNIQUES, PARTICLE SIZE WAS DETERMINED USING THE HYDROMETER METHOD AND SIEVING WATER RETENTION COLLECTED USING A STEPPED DRAINAGE PROCEDURE. HYDRAULIC CONDUCTIVITY WAS ESTIMATED FROM PARTICLE SIZE ANALYSIS	A N P
	ACQN/DEVL LOCATION : UE-25 UZN #85 USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940108312213.006	PULSE METER OUTFLOW MEASUREMENTS IN GALLONS AND LITERS OF WATER SUPPLIED TO A LARGE RING INFILTROMETER AT UE-25 UZN #85 AT YUCCA MOUNTAIN, NV	03/09/93-03/23/93	DATA WAS COLLECTED USING AN OMEGA PULSE METER WHICH WAS CONNECTED TO THE OUTFLOW VALVE OF A LARGE WATER SUPPLY TANK. DATA WAS COLLECTED AS PULSE PER MINUTE AND CONVERTED TO GALLONS OF WATER OVER TIME BY DIVIDING PULSE PER MINUTE BY 75.7 PULSES PER GALLON. GALLONS WERE CONVERTED TO LITERS BY USING A STANDARD CONVERSION FACTOR.	A N P
	ACQN/DEVL LOCATION : UE-25 UZN #85 USGS HYDROLOGIC RESEARCH FACILITY, NTS, NV			
*GS940108312213.007	VOLUME OUTFLOW MEASUREMENTS (IN CM/HR) FROM SUPPLY TANKS FOR RING INFILTROMETER	02/23/93-02/24/93	PRESSURE TRANSDUCER READINGS WERE TAKEN WITH A CS 21X DATALOGGER CORRESPONDING TO A CUMULATIVE VOLUME OF WATER DRAINED FROM SUPPLY TANKS USED IN PONDED INFILTRATION STUDIES. A CALIBRATION CURVE WAS OBTAINED BETWEEN CUMULATIVE VOLUME OUTFLOW VS. PRESSURE TRANSDUCER READING.	A N P
	ACQN/DEVL LOCATION : UE-25 UZN #14 UE-25 UZN #85 USGS HRF, NTS, NV			
*GS940108312213.008	CUMULATIVE INFILTRATION AND SURFACE FLUX VALUES CALCULATED AT SELECTED RING INFILTRATION EXPERIMENTAL LOCATIONS	03/09/93-04/30/93 06/08/93-07/06/93	PRESSURE TRANSDUCER CUMULATIVE INFILTRATION AND SURFACE FLUX MEASUREMENTS WERE CALCULATED IN CM AND CM/HOUR USING CALIBRATION EQUATIONS (FROM TRANSDUCER READINGS AND CUMULATIVE TIME MEASUREMENTS)	D N P
	ACQN/DEVL LOCATION : USGS HRF, NTS, NV			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940108312213.009	FIELD DETERMINATION OF HYDROLOGIC PARAMETERS OF YUCCA MOUNTAIN SURFICIAL MATERIALS, BY L.L. HOFMANN, A.L. FLINT, AND W.R. GUERTAL  ACQN/DEVL LOCATION : USGS HRF, NTS, NV	09/10/93-12/22/93	FIELD MEASURED CUMULATIVE INFILTRATION AND D N P SURFACE FLUX MEASUREMENTS WERE USED TO OBTAIN VALUES FOR HYDROLOGIC PARAMETERS	
*GS940108312213.010	MODELING A PONDED INFILTRATION EXPERIMENT AT YUCCA MOUNTAIN, NEVADA, BY DAVID B. HUDSON, ALAN L. FLINT AND WILLAM R. GUERTAL  ACQN/DEVL LOCATION : USGS HRF, NTS, NV	12/20/93-01/19/94	REPORT MODELING THE OBSERVED WATER CONTENT D N P PROFILES FROM A PONDED INFILTRATION EXPERIMENT AT UE-25 UZN #85	
Activity - 8.3.1.2.2.3.1				
**GS920508312231.014	MOISTURE RETENTION CURVES AND PRESSURE MEASUREMENTS FOR TEST WELL USW H-1.  ACQN/DEVL LOCATION : USW H-1	07/24/81-07/24/81	USGS STANDARD COLLECTION METHODS.	A N C
*GS930108312231.001	MOISTURE RETENTION DATA COLLECTED ON COMPOSITE TRANSECT DATASET USING CHILLED-MIRROR PSYCHROMETER.  ACQN/DEVL LOCATION : USGS HRF, NTS, NV	10/01/92-01/12/93	MOISTURE RETENTION CURVES DETERMINED USING A N P CHILLED MIRROR PSYCHROMETER TO MEASURE WATER POTENTIAL ON CORE SUBSAMPLES THAT HAVE BEEN SATURATED AND LET TO EVAPORATE TO VARIOUS WATER CONTENTS, COMPOSITE CORES WERE SLICED TO PRODUCE 1" X .25" CORES FOR MEASUREMENTS.	

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940108312231.001	PHYSICAL AND HYDROLOGIC PROPERTIES OF 686 SURFACE OUTCROP SAMPLES FROM 8 TRANSECTS.	06/01/91-11/30/93	CORE SAMPLES COLLECTED IN THE FIELD, PROCESSED IN THE LAB FOLLOWING HP-229, R0 - R2, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES, TO DETERMINE BULK DENSITY, POROSITY, PARTICLE DENSITY. SORPTIVITY AND SATURATED HYDRAULIC CONDUCTIVITY WERE ALSO DETERMINED.	A N P
	ACQN/DEVL LOCATION : USGS HRF, NTS, NV			
*GS940108312231.002	CORE ANALYSIS OF BULK DENSITY, POROSITY, PARTICLE DENSITY AND IN SITU SATURATION FOR 17 NEUTRON BOREHOLES.	12/01/91-12/31/93	BULK DENSITY, POROSITY, AND 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 : USW UZ-N11 USW UZ-N15 USW UZ-N16 USW UZ-N17 USW UZ-N27 USW UZ-N31 USW UZ-N32 USW UZ-N33 USW UZ-N34 USW UZ-N35 USW UZ-N36 USW UZ-N37 USW UZ-N38 USW UZ-N58 USW UZ-N59 USW UZ-N63 USW UZ-N64			

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*GS940108312231.003	PHYSICAL AND HYDROLOGIC PROPERTIES OF TOPOPAH SPRING TUFF USED FOR FRACTURE/MATRIX INTERACTION STUDY	10/01/93-12/31/93	10 CORE SAMPLES WERE MEASURED FOR POROSITY, BULK DENSITY (USING HP-229,R3, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES, SATURATED PERMEABILITY, SORPTIVITY AND HEIGHT OF THE WETTING FRONT. 10 SUBSAMPLES WERE MEASURED FOR POROSITY AND BULK DENSITY (USING HP-229, R3) AND FOR MOISTURE RETENTION USING HP-255,R0, DETERMINATION OF WATER POTENTIAL USING THE DECAGON CX-2 WATER ACTIVITY SYSTEM.	A N P
	ACQN/DEVL LOCATION : USGS HRF, NTS, NV			
	Activity - 8.3.1.2.2.3.2			
**GS910808312232.002	BOREHOLE AND GEOHYDROLOGIC DATA FOR TEST HOLE USW UZ-6, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY MERRICK S. WHITFIELD, COLLEEN M. COPE, AND CAROLE L. LOSKOT.	07/01/84-12/27/91	COMPILED BOREHOLE DATA.	D N T
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS920808312232.001	GEOHYDROLOGICAL DATA FROM DRILL-BIT CUTTINGS AND ROTARY CORES FROM TEST HOLE USW UZ-13, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY JACK KUME AND DALE P. HAMMERMEISTER.	01/24/85-04/18/85	THE REPORT DESCRIBES METHODS USED IN DRILLING AND CORING THE TEST HOLE, METHODS USED TO COLLECT, HANDLE AND TEST SAMPLES, AND TO DETERMINE LITHOLOGIC INFORMATION, WATER CONTENT AND POTENTIAL, BULK DENSITY AND GRAIN-DENSITY DATA FOR THE TEST HOLE.	D N C
	ACQN/DEVL LOCATION : HOLMES & NARVER, MERCURY, NV TEST CELL C USGS, NTS			

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**GS930608312232.013	MONITORING HYDROLOGIC CONDITIONS IN THE VADOSE ZONE IN FRACTURED ROCKS, YUCCA MOUNTAIN, NEVADA, BY PAVRIZ MONTAZER  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/87-06/01/87	MONITORING OF CONDITIONS IN BOREHOLE WAS DONE BY: 1) STEMMING TESTS, 2) MEASURING MATRIC POTENTIAL WITH HEAT DISSIPATION PROBES, 3) MEASURING VARIATIONS OF WATER POTENTIAL BY THERMOCOUPLE PSYCHROMETER, 4) TEMPERATURE RECORDS, 5) AND DATA FROM DOWNHOLE PRESSURE TRANSDUCERS.	D N C
**GS930608312232.016	DRILLING AND GEOHYDROLOGIC DATA FOR TEST HOLE USW UZ-1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY M.S. WHITFIELD, W. THORDARSON, AND D.P. HAMMERMEISTER.  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/89-06/05/90	DESCRIPTION & INTERPRETATION OF GEOHYDROLOGIC DATA.	D N C
*GS940108312232.001	DATA COLLECTED FROM THE HRF TEST BOREHOLES INCLUDING PRESSURE, TEMPERATURE, AND WATER POTENTIAL  ACQN/DEVL LOCATION : 36 47'N 116 17'W	10/01/91-01/18/94	AUTOMATED DATA COLLECTION SYSTEM	A N P
*GS940108312232.002	VERTICAL SEISMIC PROFILE DATA FROM UE-25 UZ #16 BOREHOLE  ACQN/DEVL LOCATION : UE-25 UZ #16	08/01/93-08/30/93	3-COMPONENT WALL-LOCKING SEISMOMETER	A N P

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*GS940108312232.003	PRESSURE, MASS FLOW MEASUREMENTS AND TEMPERATURE MEASUREMENTS FROM UE-25 UZ #16 BOREHOLE AIR INJECTION TESTING BETWEEN 11/3/93 AND 4/1/94. (SN-0033)  ACQN/DEVL LOCATION : UE-25 UZ #16	11/03/93-04/01/94	DATA WERE ACQUIRED DURING AIR INJECTION TESTING IN UE-25 UZ #16, SN-0033 (HP-241, RO), AIR PERMEABILITY TESTING, AND REDUCED TO ENGINEERING UNITS OF PRESSURE AND TEMPERATURE USING QUATTRO PRO.	A	Y P
*GS940108312232.005	RESULTS OF PROTOTYPE BOREHOLE INSTRUMENTATION AT THE HYDROLOGIC RESEARCH FACILITY, AREA 25, NEVADA TEST SITE, BY JOSEPH P. ROUSSEAU, MARK A. KURZMACK AND ALISON J. GREENGARD  ACQN/DEVL LOCATION : USGS HRF, NTS, NV	10/01/91-01/18/94	DATA FROM THE HRF BOREHOLES WAS COLLECTED USING THE HRFDAS OR HDAS PROGRAMS AND EXTRACTED TO EITHER TIME SERIES FILES OR A BINARY FILE STRUCTURE FOR DISPLAY.	D	N P
*GS940108312232.006	A BOREHOLE INSTRUMENTATION PROGRAM FOR CHARACTERIZATION OF UNSATURATED-ZONE PERCOLATION, BY JACK KUME AND JOSEPH P. ROUSSEAU  ACQN/DEVL LOCATION : USGS HRF, NTS, NV	10/01/91-01/18/94	DATA FROM THE HRF BOREHOLES WAS COLLECTED USING THE HRFDAS OR HDAS PROGRAMS AND EXTRACTED TO EITHER TIME SERIES FILES OR A BINARY FILE STRUCTURE FOR DISPLAY	D	N P
*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 P

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*GS940108312232.008	APPLICATIONS OF MULTI-MODE IMAGING TO MULTIPLE OFFSET VSP DATA, BY A.H. BALCH, CEMAL ERDEMIR AND JOSEPH P. ROUSSEAU	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
	ACQN/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO			
	Activity - 8.3.1.2.2.4.2			
*GS940108312242.001	MEASUREMENTS OF WATER FLOW RATES THROUGH FRACTURED CORES AT DIFFERENT BOUNDARY PRESSURES.	08/01/93-11/30/93	MASS SCALES USED TO DETERMINE FLOW RATES	A N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS940108312242.003	MEASUREMENTS OF WATER FLOW RATES THROUGH A BLOCK OF WELDED TUFF	10/01/91-12/30/93	MASS SCALES USED TO DETERMINE FLOW RATES. PRESSURE TRANSDUCERS USED FOR WATER PRESSURE AS WELL AS MANOMETERS, THERMOCOUPLE PSYCHROMETERS USED FOR MEASURING WATER POTENTIAL, ION CHROMATOGRAPHY USED FOR DETERMINING META-TRIFLUOROMETHYL BENZOIC ACID CONCENTRATION.	A N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS940108312242.004	OBSERVATIONS OF WATER MOVEMENT IN A BLOCK OF FRACTURED WELDED TUFF, BY FALAH THAMIR, DAVID HAMPSON AND STEVE ANDERTON	10/01/91-12/30/93	ANALYSIS OF WATER PRESSURE DISTRIBUTION AND INFLOW AND OUTFLOW WATER RATES.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.4.8				
*GS921008312248.001	BULK DENSITY, SPECIFIC GRAVITY, MINERALOGY, CEC, BLAST ROUND DESIGN AND EFFECTIVENESS INFORMATION, BLAST RUBBLE SIZES, BLAST CHEMICALS, WATER CHEMISTRY AND ISOTOPE, GAS AND WATER VAPOR CHEMISTRY AND ISOTOPE, PHYSICAL RECORDS OF RUBBLE CORING AND ONE-DIMENSIONAL COMPRESSION FOR G-TUNNEL RUBBLE AND CORE SAMPLES.	04/04/89-07/01/92	PROTOTYPE TESTING FOR OPTIMAL RUBBLE AND DRY CORING PROJECTS. STANDARD USGS AND VENDOR LAB PROCEDURES.	A N P
	ACQN/DEVL LOCATION : G-TUNNEL HOLMES & NARVER MATERIALS TESTING LAB, MERCURY, NV HUFFMAN LABS, GOLDEN, CO ROCKY MOUNTAIN ANALYTICAL LABS, WHEATRIDGE, CO USBR CORING LAB, DENVER, CO USGS CHEMISTRY LAB, DENVER, CO USGS COMPRESSION LAB, DENVER, CO USGS ISOTOPE LABS, RESTON, VA			
*GS921008312248.002	ROCK PHYSICAL AND CHEMICAL DATA, GAS, WATER AND WATER VAPOR CHEMISTRY AND ISOTOPE, PHYSICAL RECORDS OF GAS, WATER VAPOR AND PORE WATER COLLECTION. (INCLUDES TESTING AT APACHE LEAP, ARIZONA).	10/01/88-10/01/92	TRACER PROTOTYPE TESTING. STANDARD USGS AND VENDOR LAB PROCEDURES. ALSO HP-160, R1, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY, HP-56,R1, GAS AND WATER VAPOR SAMPLING FROM UNSATURATED-CORE TEST HOLES, HP-86, R0, METHOD FOR DEGASSING CO2 AND H2O VAPOR SAMPLES FROM UNSATURATED ZONE TEST HOLES, HP-223,R0, METHOD FOR PORE-WATER EXTRACTION USING ONE-DIMENSIONAL COMPRESSION, AND HP-204,R0, LIQUID SCINTILLATION SPECTROMETRY METHOD FOR TRITIUM MEASUREMENT OF WATER SAMPLES.	A N P
	ACQN/DEVL LOCATION : APACHE LEAP, AZ HUFFMAN LABS, GOLDEN, CO ROCKY MOUNTAIN ANALYTICAL LABS, WHEATRIDGE, CO USGS CHEMISTRY LAB, DENVER, CO USGS COMPRESSION LAB, DENVER, CO USGS ISOTOPE LABS, RESTON, VA			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.2.6.1				
*GS921208312261.001	CO2 AND CH4 DATA TAKEN AT TWO SURFACE LOCATIONS-WEST FACE OF YUCCA RIDGE-SOIL GAS PROFILES RANGING IN DEPTH FROM 1-21 CM.  ACQN/DEVL LOCATION : N759961(N) E557908(N) N759871(N) E557918(N)	05/18/89-05/18/89	HP-160 AND HP-192 DESCRIBES METHODS.	A N P
*GS931008312261.001	CARBON DIOXIDE, METHANE, NITROGEN, OXYGEN, ARGON, HYDROGEN, SULFUR, HEXAFLUORIDE, FREON 11, FREON 12, BCF, CARBON-14, CARBON 13/12 GAS RESULTS; TRITIUM, OXYGEN 18/16, AND DEUTERIUM/HYDROGEN WATER VAPOR RESULTS; @ USW UZ-6, USW UZ-6S, USW UZ-N71, USW UZ-N72, USW UZ-N73, USW UZ-N74, USW UZ-N75, USW UZ-N76, USW UZ-N93, USW UZ-N94, AND USW UZ-N95 FOR 9/86, 11/86, 12/86, 1/87, 3/87, 5/87, 6/87, 7/87, 8/87, 12/87, 3/88, 8/88, 1/89, 3/89, 8/89, 3/90, 11/90, AND 3/91 SAMPLING TRIPS.  ACQN/DEVL LOCATION : KRUEGER GEOCHRON LABS, CAMBRIDGE, MA SO. METHODIST UNIV., DALLAS, TX USGS HRF, NTS, NV USGS NORTHEAST REGION RESEARCH LAB, RESTON, VA USGS STABLE ISOTOPE LAB, RESTON, VA USGS UZ HYDROCHEMISTRY LAB, DENVER, CO USGS, MOBILE LAB, AREA 25, NTS, NV	09/01/86-03/31/91	TECHNICAL PROCEDURES HP-56,R1 AND R2, GAS AND WATER VAPOR SAMPLING FROM UNSATURATED-ZONE TEST HOLES, HP-160,R0 AND R1, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY, HP-176,R0 AND R1, PROCEDURE TO COLLECT GAS COMPOSITION SAMPLES AT SELECTED DEPTH INTERVALS IN OPEN UNSATURATED ZONE BOREHOLES.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS931008312261.002	CARBON DIOXIDE, METHANE, NITROGEN, OXYGEN, HYDROGEN, FREON 12, CARBON-14, AND CARBON 13/12 GAS RESULTS; TRITIUM, OXYGEN 18/16, DEUTERIUM/HYDROGEN WATER VAPOR RESULTS; @ USW UZ-6, USW UZ-6S, USW UZ-N71, USW UZ-N72, USW UZ-N73, USW UZ-N74, USW UZ-N75, USW UZ-N76, USW UZ-N93, USW UZ-N94, AND USW UZ-N95 FOR 3/17 - 3/25/93.	10/01/92-09/30/93	HP-56,R3, GAS AND WATER VAPOR SAMPLING FROM UNSATURATED-ZONE TEST HOLES, HP-160, R1-M1 AND R2, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY, HP-176,R1 AND R2, PROCEDURE TO COLLECT GAS SAMPLES AT SELECTED DEPTH INTERVALS IN OPEN UNSATURATED ZONE BOREHOLES, HP-204,R0, LIQUID SCINTILLATION SPECTROMETRY METHOD FOR TRITIUM MEASUREMENT OF WATER SAMPLES, AND HP-256,R0 AND R0-M1, METHOD FOR COLLECTING AND STORING CO2 GAS SAMPLES FROM BOREHOLE ATMOSPHERE OR FROM FREE AIR BY ABSORPTION IN A KOH SOLUTION.	A Y P
	ACQN/DEVL LOCATION : KRUEGER GEOCHRON LABS, CAMBRIDGE, MA SO. METHODIST UNIV., DALLAS, TX USGS HRF, NTS, NV USGS MOBILE LAB, AREA 25, NTS, NV USGS NORTHEAST REGION RESEARCH LAB, RESTON, VA USGS STABLE ISOTOPE LAB, RESTON, VA USGS UZ HYDROCHEMISTRY LAB, DENVER, CO			
*GS931008312261.003	1. TEMP. DATA, DOWNHOLE, WELL USW UZ-6S FROM JAN. 22, 1993 TO FEB. 15, 1993; 2. BOREHOLE FLOW, DIRECTION, TEMPERATURE AND RELATIVE HUMIDITY DATA FROM WELL USW UZ-6S FROM MAY 25, 1993 TO SEPT. 30, 1993; 3. SHUT-IN PRESSURE DATA @ WELL USW UZ-6S FROM DEC. 15, 1992 TO JAN. 22, 1993; 4. SHUT-IN PRESSURE DATA FROM WELL USW UZ-6 DEEP AND ANNULUS FROM JAN. 22, 1993 TO FEB. 22, 1993, AND AUG. 28, 1993 TO SEPT. 8, 1993; 5. SHUT-IN PRESSURE DATA FROM WELL USW UZ-16 FROM SEPT. 9, 1993 TO 9-22-93. 6. SUBSURFACE FLOW DATA @ WELL USW UZ-16 ON AUG. 14 AND 15, 1993.	10/01/92-09/30/93	TECHNICAL PROCEDURES: 1. HP-175,R2,R2-M1 AND R3, METHOD FOR SURFACE MEASUREMENTS OF VELOCITY, DIRECTION, TEMPERATURE AND HUMIDITY OF CONVECTIVE AIRFLOW IN TOPOGRAPHICALLY-AFFECTED (VARYING) WELLS, HP-177,R1 AND R2, OPERATION OF A (SETRA MODEL 270) BAROMETRIC PRESSURE TRANSDUCER, HP-178,R0,R1,R1-M1 AND R2, PROCEDURE TO MEASURE TEMPERATURE, HUMIDITY, DIFFERENTIAL PRESSURE AND AIRFLOW AT SELECTED DEPTHS IN UZ BOREHOLE, AND HP-257,R0, METHOD TO MEASURE SHUT-IN PRESSURE IN UNSATURATED ZONE BOREHOLES	A Y P
	ACQN/DEVL LOCATION : UE-25 UZ #16 USW UZ-6			

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USW UZ-6S

Activity - 8.3.1.2.2.7.1

\*GS930908312271.022 TRACER INJECTION DATA FROM UE-25 UZ#16, UE-25 NRG#1, UE-25 NRG#3, UE-25 NRG#2, USW NRG-6, AND CORE SEALING DATA FROM UE-25 UZ#16, UE-25 NRG#1, AND USW NRG-6. 05/27/92-03/29/93 DATA WERE COLLECTED IN ACCORDANCE WITH METHODS DESCRIBED IN HP-07,R1 &R1-M1, USE OF A TRACE GAS FOR DETERMINING ATMOSPHERIC CONTAMINATION IN A DRY-DRILLED BOREHOLE; HP-160,R1 & R1-M1, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMOTOGRAPHY; HP-237T,R0, (SN-0030), METHODS FOR SEALING UNSATURATED ZONE BOREHOLE CORE SAMPLES TO PRESERVE MOISTURE CONTENT; AND HP-238T,R0, (SN-0031), INJECTION OF A TRACE GAS FOR DETERMINING ATMOSPHERIC CONTAMINATION IN A DRY-DRILLED BOREHOLE. A Y P

ACQN/DEVL LOCATION : UE-25 NRG#1  
UE-25 NRG#2  
UE-25 NRG#3  
UE-25 UZ#16  
USW NRG-6

Activity - 8.3.1.2.2.7.2

\*GS920508312272.005 DATA FROM BOREHOLE UZ4 SAMPLE COLLECTION. INCLUDES RECORDS OF CORE SAMPLE PACKAGING AND TRANSPORT, AND WATER SAMPLE COLLECTIONS BY DISTILLATION, COMPRESSION OR CENTIFUGATION. 10/10/84-09/30/91 CORES WERE OBTAINED BY DRY-CORING; SAMPLES WERE SUBJECTED TO SCALING AND TEMPERATURE CONTROL IN TRANSPORT. TRIAXIAL COMPRESSION, CENTRIFUGATION, OR VACUUM DISTILLATION TO OBTAIN WATER FOR ANALYSES. DEVELOPMENT, DOCUMENTATION AND QUALIFICATION OF THE PROCEDURES ARE NOW IN PROCESS. A N P

ACQN/DEVL LOCATION : UE-25 UZ #4  
USGS, DENVER, CO

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS920708312272.013	DATA FROM BOREHOLE UZ4 CORE. DATA FROM ANALYSES OF WATER SAMPLES OBTAINED BY DISTILLATION, COMPRESSION, OR CENTRIFUGATION, INCLUDING ANION/CATION, BICARBONATE, PH, CARBON-14, CARBON 13/12 TRITIUM, OXYGEN-18, DEUTERIUM, HYDROGEN.  ACQN/DEVL LOCATION : HUFFMAN LABS, GOLDEN, CO ROCKY MOUNTAIN ANALYTICAL LABS, WHEATRIDGE, CO	10/10/84-09/30/91	CHEMICAL ANALYSES OF WATER SAMPLES BY VENDOR LABORATORY METHODS. THESE DATA WERE IN THE NATURE OF PROTOTYPE DEVELOPMENT. FURTHER DEVELOPMENT AND DOCUMENTATION OF THE PROCEDURES ARE NOW IN PROCESS.	A N P
*GS921208312272.015	EFFECTS OF CORE SEALING METHODS ON THE PRESERVATION OF PORE WATER, BY PETE STRIFFLER AND CHARLES A. PETERS  ACQN/DEVL LOCATION : USGS, DENVER, CO	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 P
Activity - 8.3.1.2.2.9.1				
**GS930408312132.011	HYDROLOGY, BY W.E. WILSON -- FY 1980 REPORT  ACQN/DEVL LOCATION : USGS, DENVER, CO.	01/01/81-05/01/82	SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL AND HYDROGEOLOGICAL STUDIES INCLUDING GROUNDWATER CHEMISTRY, MINERALOGY, X-RAY DIFFRACTION, TEMPERATURE AND CLIMATE.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940208312291.001	SIMULATION OF FLOW IN THE UNSATURATED ZONE BENEATH PAGANY WASH, YUCCA MOUNTAIN, BY E.M. KWICKLIS, A.L. FLINT AND R.W. HEALEY  ACQN/DEVL LOCATION : USGS, DENVER, CO  Activity - 8.3.1.2.3.1.2	06/01/93-09/30/93	LIQUID FLUX DATA WERE GENERATED BY NUMERICAL MODELING. SITE DATA WERE TAKEN FROM THE CITED SOURCES AS FOLLOWS: SATURATION, WATER POTENTIALS AND POROSITY FROM LOSKOT & HAMMERMEISTER, HYDRAULIC PROPERTY DATA FROM KWICKLIS, FLINT & HEALY, ISOTOPE DATA FROM YANG.	D N P
**GS900908312312.002	GEOHYDROLOGIC AND DRILL HOLE DATA FOR TEST WELL USW H-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY M.S. WHITFIELD, JR., WM. THORDARSON AND E.P. ESSHOM.  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/83-05/10/84	COMPILATION OF DATA ON DRILLING LOGS, SIDEWALL CORE SAMPLES, WATER-LEVEL MONITORING, PUMPING TESTS, INJECTIONS TESTS, RADIOACTIVE-TRACER BOREHOLE FLOW SURVEY, AND WATER CHEMISTRY.	D N C
**GS910208312312.003	RAW DATA FROM THE CONTINUOUS WATER-LEVEL MEASUREMENT NETWORK, 1990. THE RAW DATA IS IN THE FORM OF LOGBOOKS AND MAGNETIC CASSETTE TAPES.  ACQN/DEVL LOCATION : UE-25 WT #13 UE-25 WT #16 UE-25 WT #3 UE-25 WT #6 UE-25B #1 UE-25C #1 UE-25C #2	01/01/90-01/04/91	COLLECTION PROCESSES DETAILED IN TECHNICAL PROCEDURES HP-25,R1, METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR; HP-60,R1, METHOD FOR MONITORING WATER-LEVEL CHANGES USING PRESSURE TRANSDUCERS; HP-71,R0, METHOD FOR MONITORING WATER-LEVEL CHANGES USING A CAMPBELL SCIENTIFIC 21X MICROLOGGER; HP-75,R1, METHOD FOR MEASURING WATER LEVELS IN WELLS USING REELED (2600-FOOT AND 2800-FOOT) STEEL TAPES; AND HP-93,R0, METHOD FOR PROCESSING ELECTRONIC DATA FROM CAMPBELL SCIENTIFIC 21X MICROLOGGER INTO WATER LEVELS.	A Y P

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	UE-25C #3 UE-25P #1 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2			
**GS910508312312.005	RAW MANUAL WATER-LEVEL MEASUREMENT DATA FROM THE PERIODIC WATER-LEVEL MEASUREMENT NETWORK.	05/07/89-12/31/89	MANUAL WATER LEVEL MEASUREMENTS MADE FOLLOWING PROCEDURES HP-25,R1, METHOD FOR MEASURING WATER-LEVEL USING A PORTABLE MULTICONDUCTOR CABLE UNIT, AND HP-75,R0, METHOD FOR MEASURING WATER-LEVELS IN WELLS USING REELED (2600-FOOT AND 2800 FOOT) STEEL TAPES.	A Y C
	ACQN/DEVL LOCATION : UE-25 WT #12 UE-25 WT #14 UE-25 WT #15 UE-25 WT #17 UE-25 WT #3 UE-25 WT #4 USW VH-1 USW WT-1 USW WT-10 USW WT-7 WATER WELL J-13			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS910508312312.006	<p>RAW DATA COLLECTED FROM THE CONTINUOUS WATER-LEVEL MONITORING NETWORK 1985-1988. DATA IN THE FORM OF LOGBOOKS CONTAINING RAW DATA, CASSETTE TAPES CONTAINING RAW TRANSDUCER OUTPUT DATA, AND SUPPORTING DATA.</p> <p>ACQN/DEVL LOCATION : UE-25 WT #13 UE-25 WT #16 UE-25 WT #6 UE-25B #1 UE-25C #2 UE-25C #3 UE-25P #1 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2</p>	01/01/85-12/31/88	<p>TRANSDUCER AND RELATED DATA COLLECTED USING THE PROCEDURES OUTLINED IN HP-60, R0, METHOD FOR MONITORING WATER LEVEL CHANGES USING PRESSURE TRANSDUCERS; AND HP-71, R0, METHOD FOR MONITORING WATER-LEVEL CHANGES USING A CAMPBELL SCIENTIFIC 21X MICROLOGGER.</p>	A N C
*GS920608312312.009	<p>WATER LEVELS IN PERIODICALLY MEASURED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1988, BY JAMES M. GEMMELL</p> <p>ACQN/DEVL LOCATION : USGS, DENVER</p>	01/01/89-05/18/90	<p>RAW WATER-LEVEL MEASUREMENTS CORRECTED FOR D N C 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.</p>	D N C

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*GS930308312312.008	WATER LEVELS IN CONTINUOUSLY MONITORED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1985-88, BY R. LUCKEY, D. LOBMEYER, AND D. BURKHARDT  ACQN/DEVL LOCATION : USGS, DENVER	01/01/89-05/06/91	RAW TRANSDUCER OUTPUT DATA CONVERTED TO WATER-LEVEL ALTITUDE ABOVE SEA LEVEL USING STANDARD STATISTICAL METHODS OUTLINED IN THE REPORT.	D N C
**GS930308312312.009	"WATER LEVELS IN PERIODICALLY MEASURED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1989" BY G.M. O'BRIEN  ACQN/DEVL LOCATION : USGS, DENVER	01/01/90-05/08/91	RAW WATER LEVEL MEASUREMENTS CORRECTED FOR STRETCH, THERMAL EXPANSION, AND BOREHOLE DEVIATION, AND ALTITUDE OF THE WATER TABLE ABOVE SEA LEVEL CALCULATED.	D N C
*GS930308312312.010	"WATER LEVELS IN PERIODICALLY MEASURED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1988" BY J.M. GEMMELL  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/89-06/30/90	RAW WATER LEVEL MEASUREMENTS CORRECTED FOR STRETCH, THERMAL EXPANSION AND BOREHOLE DEVIATION, AND AN ALTITUDE OF THE WATER LEVEL ABOVE SEA LEVEL IS CALCULATED.	D N P
**GS930308312312.011	RAW MANUAL WATER-LEVEL MEASUREMENT DATA FROM THE PERIODIC MEASUREMENT NETWORK.  ACQN/DEVL LOCATION : UE-25 WT #12 UE-25 WT #14 UE-25 WT #15 UE-25 WT #17 UE-25 WT #3 UE-25 WT #4 USW VH-1 USW WT-1 USW WT-10 USW WT-7	01/01/89-05/06/89	MANUAL WATER-LEVEL MEASUREMENTS ARE MADE FOLLOWING THE PROCEDURES OUTLINED IN HP-25,R1, METHOD FOR MEASURING WATER-LEVEL USING A PORTABLE MULTICONDUCTOR CABLE, AND HP-75,R0, METHOD FOR MEASURING WATER-LEVELS IN WELLS USING REELED (2600-FOOT AND 2800-FOOT) STEEL TAPES.	A N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	WATER WELL J-13			
*GS930408312312.015	WATER LEVELS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1990-91, BY P.TUCCI, G.M. O'BRIEN AND D.J. BURKHARDT  ACQN/DEVL LOCATION : USGS, DENVER, CO	06/01/92-06/01/93	RAW WATER LEVEL DATA CONVERTED TO WATER-LEVEL ALTITUDE DATA USING STANDARD STATISTICAL TECHNIQUES.	D N P
**GS930508312312.016	RAW TRANSDUCER OUTPUT DATA FROM DATA COLLECTION PLATFORMS, 21X DATALOGGERS AND STRIPCHART RECORDERS, AND CALIBRATION DATA. DATA FROM WELLS USW H-5 AND USW H-6, 5/17 - 5/19, 1993.  ACQN/DEVL LOCATION : USW H-5 USW H-6	03/02/93-05/19/93	TRANSDUCER OUTPUT DATA COLLECTED USING HP-60,R2, METHOD FOR MONITORING WATER LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS, AND HP-221T,R0, MONITORING THE WELL WATER-LEVEL OR FLUID PRESSURE RESPONSE TO UNDERGROUND NUCLEAR EXPLOSIONS OR EARTHQUAKES.	A Y C
**GS930508312312.017	WATER-LEVEL AND FLUID-PRESSURE RESPONSE TO EARTHQUAKES OBSERVED IN WELLS USW H-5 AND USW H-6, 5/17 - 5/19, 1993.  ACQN/DEVL LOCATION : USGS, DENVER, CO	05/20/93-05/25/93	RAW TRANSDUCER OUTPUT CONVERTED TO WATER-LEVEL ALTITUDE IN FEET AND FLUID-PRESSURE RESPONSE IN FEET USING COMMON STATISTICAL METHODS.	D Y C
*GS931108312312.026	SCIENTIFIC NOTEBOOK SN-0049, SPECIFIC CAPACITY TESTS AT WELL USW UZ-14. THE SCIENTIFIC NOTEBOOK CONTAINS RAW CHEMICAL ANALYSIS DATA AND WATER-LEVEL DATA.  ACQN/DEVL LOCATION : USW UZ-14	08/09/93-08/20/93	DATA COLLECTED ACCORDING TO THE PROCEDURES OUTLINED IN THE SCIENTIFIC NOTEBOOK: SN-0049,R0, SPECIFIC CAPACITY TESTS AT WELL UZ-14.	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940108312312.001	"WATER LEVELS AT WELLS J-11 AND J-12, 1989-91, YUCCA MOUNTAIN AREA, NEVADA", BY M.S. BOUCHER	04/01/93-10/01/93	MANUAL WATER-LEVEL MEASUREMENT DATA CONVERTED TO WATER-LEVEL-ALTITUDE-ABOVE-SEA-LEVEL DATA USING SIMPLE MATHEMATIC CONVERSIONS.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS940108312312.003	TRANSDUCER AND RELATED DATA COLLECTED BY DATA COLLECTION PLATFORMS, 1990-1991. PART OF THE 1991 CONTINUOUS WATER-LEVEL NETWORK DATA PACKAGE.	09/26/90-12/31/91	HP-196T,RO METHOD FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS.	A Y P
	ACQN/DEVL LOCATION : UE-25 WT#6 USW G-3 USW H-4 USW H-5 USW H-6 USW WT-11			
*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			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	UE-5N 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			
*GS940108312312.005	DEVELOPED WATER-LEVEL DATA, CONSISTING OF WATER-LEVEL ALTITUDE WORKSHEETS, FOR DATA COLLECTED AT SELECTED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 4TH QUARTER 1993 ONLY.	01/04/94-01/13/94	DEPTH-TO-WATER MEASUREMENTS CORRECTED FOR BOREHOLE DEVIATION, STRETCH AND THERMAL EXPANSION AND CONVERTED TO WATER-LEVEL ALTITUDE ABOVE SEA LEVEL.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS940208312312.002	WATER-LEVEL ALTITUDE DATA FROM WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1992.	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 P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940208312312.003	"WATER LEVELS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1992" BY G.M. O'BRIEN, P. TUCCI AND D.J. BURKHARDT.	06/01/93-02/08/94	RAW TRANSDUCER DATA AND MANUAL DEPTH TO WATER DATA CONVERTED TO ALTITUDE OF WATER TABLE ABOVE SEA LEVEL DATA USING STANDARD STATISTICAL TECHNIQUES.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS940208312312.006	WATER-LEVEL ALTITUDE DATA, 1993	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 P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS940308312312.007	RAW WATER-LEVEL DATA FROM THE CONTINUOUS WATER-LEVEL MEASUREMENT NETWORK FROM 5/3/89 - 12/31/89. RAW DATA CONSISTS OF LOGBOOKS AND CASSETTE TAPES WITH CSI 21X DATALOGGER OUTPUT.	05/03/89-12/31/89	DATA COLLECTED USING TRANSDUCER/DATALOGGER SYSTEMS, PROCEDURES HP-25,R1, METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTI-CONDUCTOR; HP-60,R1, METHOD FOR MONITORING WATER-LEVEL CHANGES USING PRESSURE TRANSDUCERS; HP-71,R0, METHOD FOR MONITORING WATER-LEVEL CHANGES USING A CAMPBELL SCIENTIFIC 21X MICROLOGGER; AND HP-75,R0, METHOD FOR MEASURING WATER LEVELS IN WELLS USING REELED (2600-FOOT AND 2800-FOOT) STEEL TAPES.	A Y P
	ACQN/DEVL LOCATION : UE-25 WT #3 UE-25 WT #6 UE-25B #1 UE-25C #2 UE-25C #3 UE-25P #1 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.3.1.3				
**GS920508312313.004	ANALOG CHARTS OF WATER-LEVEL FLUCTUATIONS CAUSED BY EARTHQUAKES.	04/22/92-04/26/92	DATA SELECTION (FOR COLLECTION METHOD, REFERENCE SCIENTIFIC NOTEBOOK PLAN HP-221T,R0).	D Y C
	ACQN/DEVL LOCATION : USW H-5			
**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 C
	ACQN/DEVL LOCATION : USGS			
**GS930408312132.011	HYDROLOGY, BY W.E. WILSON -- FY 1980 REPORT	01/01/81-05/01/82	SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL AND HYDROGEOLOGICAL STUDIES INCLUDING GROUNDWATER CHEMISTRY, MINERALOGY, X-RAY DIFFRACTION, TEMPERATURE AND CLIMATE.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO.			
**GS930508312313.005	SUMMARY OF HYDRAULIC TESTS AND HYDROLOGIC DATA FOR HOLES UE16D AND UE16F, SYNCLINE RIDGE AREA, NEVADA TEST SITE, BY G.A. DINWIDDIE AND J.E. WEIR, JR.	01/01/78-07/23/79	DRILL HOLES WERE ANALYZED FOR HYDRAULIC POTENTIAL BY STATIC FLUID MOVEMENT, TRACEJECTOR SURVEY, PUMPING, PACKER-SLUG TESTS AND GEOPHYSICAL LOGGING. CHEMICAL ANALYSIS WAS PERFORMED BY USGS STANDARD METHODS.	D N T
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F T Y P E E
*GS930908312313.006	CALIPER LOGS OF WELLS UE-25C #1, #2 & #3, 12/11/90  ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3	12/11/90-12/11/90	USGS STANDARD COLLECTION METHODS.	A N P
*GS930908312313.007	DEVELOPMENT OF GEOLOGIC INFORMATION FROM THE C-HOLE COMPLEX AND THE YUCCA MOUNTAIN AREA TO SUPPORT HYDROGEOLOGICAL INTERPRETATIONS. INCLUDES 1991 & 1992 ACOUSTIC TELEVIEWER LOGS.  ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3	01/01/84-09/16/93	STANDARD USGS COLLECTION TECHNIQUES	A N P
*GS930908312313.008	HYDROLOGIC INFORMATION FROM THE C-HOLE COMPLEX AND THE YUCCA MOUNTAIN AREA. INCLUDES FLOW RATES, CALIPER LOGS AND TEMPERATURE  ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3	01/23/84-09/16/93	STANDARD USGS COLLECTION TECHNIQUES	A N P
*GS930908312313.009	PUMPING TESTS IN UE-25C #1, SEPTEMBER-OCTOBER, 1983.  ACQN/DEVL LOCATION : UE-25C#1 UE-25P#1 USW.H-4	09/25/83-09/16/93	STANDARD USGS COLLECTION TECHNIQUES.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS930908312313.010	PUMPING TEST IN WELL UE-25C #2, MARCH 1984.  ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25P #1 USW H-4	03/01/84-09/16/93	STANDARD USGS COLLECTION TECHNIQUES.	A N P
*GS930908312313.011	PUMPING TEST IN WELL UE-25C #3, MAY-JUNE, 1984.  ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3 UE-25P #1	01/23/84-09/16/93	STANDARD USGS COLLECTION METHODS.	A N P
*GS930908312313.012	CONSTANT FLUX TESTS AT THE C-HOLE COMPLEX, OCTOBER-DECEMBER, 1984.  ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3 UE-25P #1	10/01/84-09/16/93	STANDARD USGS COLLECTION TECHNIQUES.	A N P
*GS930908312313.013	FLUID INJECTION TESTS IN UE-25C #1, OCTOBER 1983.  ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3	10/06/83-09/16/93	STANDARD USGS COLLECTION TECHNIQUES.	A N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F T Y P E E
*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			
*GS931008312313.016	"RESULTS AND INTERPRETATION OF PRELIMINARY AQUIFER TESTS IN BOREHOLES UE-25C #1, UE-25C #2, AND UE-25C #3, YUCCA MOUNTAIN, NYE COUNTY, NEVADA" BY A.L. GELDON.	01/01/93-09/21/93	DEVELOPMENT INCLUDING AUTHOR'S INTERPRETATION BY METHODS FULLY OUTLINED IN THE REPORT.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
	Activity - 8.3.1.2.3.1.4			
**GS920408312314.003	INJECTION TESTS, PUMPING TESTS, TRACEJECTOR SURVEY, SUB-SURFACE DIRECTIONAL SURVEY AND TEST DATA FOR TEST WELL USW H-3.	01/21/82-01/25/84	USGS STANDARD COLLECTION AND TESTING METHODS.	A N C
	ACQN/DEVL LOCATION : USW H-3			
**GS920408312314.007	TIME AND TEMPERATURE LOGS, DIRECTIONAL SURVEYS, GEOPHYSICAL LOGS, INJECTION AND PUMPING TESTS, LITHOLOGIC LOGS AND TRACEJECTOR SURVEY FOR TEST WELL USW H-4.	03/23/82-07/28/83	USGS STANDARD COLLECTION METHODS.	A N C
	ACQN/DEVL LOCATION : USW H-4			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS920408312314.010	LOG BOOKS, INJECTION AND PUMPING TESTS, LITHOLOGIC LOGS, TEST AND CORE ANALYSES AND WATER LEVELS FOR USW H-1.  ACQN/DEVL LOCATION : USW H-1	09/18/80-12/17/80	USGS STANDARD COLLECTION METHODS.	A N C
Activity - 8.3.1.2.3.2.1				
**GS920408312321.001	CHEMICAL COMPOSITION DATA AND LABORATORY ANAYLSES FOR GROUND WATER FROM TEST WELLS IN YUCCA MOUNTAIN AREA.  ACQN/DEVL LOCATION : J-12 J-13 UE-25B#1 UE-25C#1 UE-25C#2 UE-25C#3 UE-25P#1 UE-29A#2 USW G-4 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW VH-1	03/26/71-07/06/84	USGS STANDARD COLLECTION METHODS	A N C
**GS920408312321.002	FLOWMETER (TRACEJECTOR) SURVEY ON TEST WELLS IN PERMEABLE ZONES IN YUCCA MOUNTAIN AREA.  ACQN/DEVL LOCATION : UE-25B#1 USW G-4 USW H-1 USW H-4 USW H-5 USW H-6	10/17/80-10/15/82	USGS STANDARD COLLECTION METHODS	A N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS920408312321.003	CHEMICAL COMPOSITION OF GROUNDWATER IN THE YUCCA MOUNTAIN AREA, NEVADA 1971 - 1984, BY L.V. BENSON AND P.W. MCKINLEY.  ACQN/DEVL LOCATION : USGS, DENVER, CO  Activity - 8.3.1.2.3.2.2	03/26/71-12/31/85	USGS STANDARD METHODS	D N C
*GS940308312322.001	"HYDROCHEMICAL DATA BASE FOR THE DEATH VALLEY REGION", BY D.L. PERFECT, C.C. FAUNT, W.C. STEINKAMPE, AND A.K. TURNER.  ACQN/DEVL LOCATION : USGS, DENVER, CO  Activity - 8.3.1.2.3.2.3	08/01/93-02/25/94	EXISTING HYDROCHEMICAL DATA WAS OBTAINED AND INPUT INTO A DATA BASE. THE REPORT DETAILS HOW THE DATA BASE WAS CONSTRUCTED, WHAT IT CONTAINS, HOW IT WAS EDITED, AS WELL AS OTHER INFORMATION SUCH AS LIMITATIONS, ETC.	D N P
**GS930408312132.011	HYDROLOGY, BY W.E. WILSON -- FY 1980 REPORT  ACQN/DEVL LOCATION : USGS, DENVER, CO.	01/01/81-05/01/82	SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL AND HYDROGEOLOGICAL STUDIES INCLUDING GROUNDWATER CHEMISTRY, MINERALOGY, X-RAY DIFFRACTION, TEMPERATURE AND CLIMATE.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.2.3.3.2				
*GS930808312332.003	POROSITIES OF CORE SAMPLES FROM BULLFROG MEMBER FORMATION (EAST OF LITTLE SKULL MOUNTAIN)  ACQN/DEVL LOCATION : HRF, AREA 25, NTS	07/22/93-07/27/93	HP-229,R1, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES	A Y P
Activity - 8.3.1.3.2.2.2				
**LA000000000051.001	LONG-TERM THERMAL STABILITY OF CLINOPTILOLITE: THE DEVELOPMENT OF A "B" PHASE.  ACQN/DEVL LOCATION : LANL	07/24/85-02/09/90	THE STRUCTURAL EFFECTS OF HEATING SAMPLES OF CLINOPTILOLITES AT 100 DEGREES C AND 200 DEGREES C FOR TIMES UP TO 5 YEARS WERE MONITORED USING X-RAY POWDER DIFFRACTION. CONVERSION TO A COLLAPSED PHASE WAS DEMONSTRATED FOR SOME OF THE SAMPLES AT 200 DEGREES C.	D N T
Activity - 8.3.1.3.5.1.1				
*LA000000000033.001	RADIONUCLIDE SOLUBILITY AND SPECIATION STUDIES FOR THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT.  ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY	10/01/85-12/30/92	THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION.	A N P

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<b>Activity - 8.3.1.4.1.2</b>				
*TMUSWNRG600093.001	GEOPHYSICAL LOGS OF BOREHOLE USW NRG-6 (JOB ID #93-NRG6-01) RUN BY SCHLUMBERGER WELL SERVICES. LOGS RUN INCLUDE DUAL INDUCTION/GAMMA RAY (DIT/GR), COMPENSATED NEUTRON/GAMMA RAY (CNT/GR), AND COMPENSATED SLIM-HOLE DENSITY/GAMMA RAY (FGT/GR). DATA CONSISTS OF FIELD PRINTS (SEPIA AND PAPER LOGS), FINAL PRINTS (SEPIA AND PAPER LOGS), AND DATA TAPES CONSISTING OF FIELD DATA (LIS FORMAT) AND FINAL DATA (LIS AND ASCII FORMATS).	06/29/93-06/30/93	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 : N766726.3(N) E564187.2(N) 0' TO 1096'			
*TMUSWNRG600094.001	VERTICAL SEISMIC PROFILE (VSP) OF USW NRG-6 (JOB ID #93-NRG6-02) PERFORMED BY LAWRENCE BERKLEY LABORATORY (LBL). DATA CONSISTS OF LOGGER'S LOG AND DATA TAPES OF DIGITIZED WAVEFORMS.	08/12/93-08/23/93	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 : N766726.3(N) E564187.2(N) 40' TO 1080'			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.1.1				
**GS910708314211.011	ASSESSING THE NATURAL PERFORMANCE OF FELSIC TUFFS USING THE RB-SR AND SM-ND SYSTEMS--A STUDY OF THE ALTERED ZONE IN THE TOPOPAH SPRING MEMBER, PAINTBRUSH TUFF, YUCCA MOUNTAIN, NEVADA, BY Z.E. PETERMAN, R.W. SPENGLER, K. FUTA, B.D. MARSHALL, AND S.A. MAHAN.	07/01/90-11/30/90	GCP-12, RB-SR ISOTOPE GEOCHEMISTRY AND GCP-21, SM-ND ISOTOPE GEOCHEMISTRY. SR AND ND ISOTOPIC DATA AND RB, SR, ND, AND SM CONCENTRATIONS FROM DRILL CORE SPECIMANS FROM UE-25A #1. THIS STUDY UNDERTAKEN TO HELP DETERMINE THE VERTICAL AND LATERAL CHARACTERISTICS OF VOLCANIC STRATA AND THE NATURE, EXTENT, AND TIMING OF THEIR ALTERATION. EMPHASIS IS ON 1) ZEOLITIZED ZONE ASSO. WITH THE LOWER VITROPHYRE, AND 2) DENSELY WELDED HIGH-SILICA RHYOLITE. ISOTOPES AND MINOR AND TRACE-ELEMENT CONCENTRATIONS DETERMINED BY EDXRF OR ISOTOPIC DILUTION. DATA RESULTS PRESENTED IN TABULAR AND GRAPHICAL FORMATS.	D N C
ACQN/DEVL LOCATION : USGS, DENVER, CO				
*GS930108314211.001	PRELIMINARY LITHOLOGIC LOG OF TEST HOLE UE-25 UZ #4 (1985)	05/01/85-07/31/85	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 C
ACQN/DEVL LOCATION : USGS, DENVER, CO				
**GS930408314211.010	RELATION BETWEEN P-WAVE VELOCITY AND STRATIGRAPHY OF LATE CENOZOIC DEPOSITS OF SOUTHERN NEVADA, BY EDUARDO A. RODRIGUEZ AND JAMES C. YOUNT.	01/11/85-11/22/85	METHODS OF OPERATION FOR PORTABLE SEISMOGRAPHS FOLLOWED ESTABLISHED PROCEDURE OF MOONEY, H.M., 1973, HANDBOOK OF ENGINEERING SEISMOLOGY, AND TINSLEY, J.C., 1984, IN USGS OFR 84-400. ORDINARY LEAST SQUARES LINEAR REGRESSION WAS USED TO DETERMINE BEST-FIT LINES FOR TRAVEL-TIME PLOTS. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT.	D N C
ACQN/DEVL LOCATION : USGS, MENLO PARK, CA				

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**GS930408314211.012	SEARCH FOR POTENTIAL SITES, BY G.L. DIXON AND V.M. GLANZMAN -- FY 1980 REPORT  ACQN/DEVL LOCATION : USGS, DENVER, CO.	01/01/81-05/01/82	SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL AND GEOPHYSICAL STUDIES INCLUDING MAGNETIC, GRAVITY, LOG DATA AND CORE ANALYSIS (USW G-1).	D N C
*GS930708314211.028	PRELIMINARY LITHOLOGIC LOG OF TEST HOLE USW UZ-13, NEVADA.  ACQN/DEVL LOCATION : USGS, DENVER, CO	05/19/85-07/31/85	THESE WERE ACQUIRED FROM ANALYSES OF CORE DRILLED PRIOR TO MAY 1985. INVESTIGATOR USED X-RAY ANALYSIS, THIN SECTIONS AND SCIENTIFIC OBSERVATIONS.	A N P
*GS930708314211.029	PRELIMINARY LITHOLOGIC LOG OF TEST HOLE USW UZ-6, NEVADA.  ACQN/DEVL LOCATION : USGS, DENVER, CO	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 P
*GS930708314211.030	PRELIMINARY LITHOLOGY WELL REPORTS: UE-25 WT #4, USW WT-11, AND UE-25 WT #12  ACQN/DEVL LOCATION : USGS, DENVER, CO	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 P

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*GS930708314211.031	PRELIMINARY LITHOLOGIC LOG OF TEST HOLE USW UZ-7, NEVADA.  ACQN/DEVL LOCATION : USGS, DENVER, CO	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
*GS930708314211.032	PRELIMINARY LITHOLOGIC LOG OF TEST HOLES UE-25C #1, UE-25C #2, AND UE-25C #3, NEVADA.  ACQN/DEVL LOCATION : USGS, DENVER, CO	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
*GS930708314211.033	PRELIMINARY LITHOLOGIC LOG OF TEST HOLE USW UZ-1.  ACQN/DEVL LOCATION : USGS, DENVER, CO	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
*GS931008314211.039	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE NRG-2 (UE-25 NRG#2), YUCCA MOUNTAIN, NEVADA: VERSION 1.0  ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS	08/01/93-09/24/93	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP.	A Y C

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**GS931008314211.045	GRAPHICAL LITHOLOGIC LOG OF BORE HOLE USW NRG-6, VERSION 1.0.	08/01/93-09/02/93	THESE DATA WERE ACQUIRED FROM ANALYSES 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, NTS			
*GS931108314211.041	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE NRG-2B (UE-25 NRG#2B), YUCCA MOUNTAIN, NEVADA: VERSION 1.0	08/01/93-10/01/93	THESE DATA WERE ACQUIRED FROM ANALYSES 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, NTS			
*GS931108314211.042	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE NRG-4 (UE-25 NRG#4), VERSION 1.0	08/01/93-09/30/93	THESE DATA WERE ACQUIRED FROM ANALYSES 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, NTS			
*GS931108314211.043	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE NRG-5 (UE-25 NRG#5), VERSION 1.0	08/01/93-09/30/93	THESE DATA WERE ACQUIRED FROM ANALYSES 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, NTS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS931108314211.044	SUMMARY LITHOLOGIC DESCRIPTION OF THE UPPER TIVA CANYON FORMATION AND TUFF UNIT "X" IN THE NORTH RAMP AREA, BY THOMAS MOYER, JEFFREY GESLIN AND DAVID BUESCH  ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	08/01/93-09/17/93	EXAMINATION OF GEOLOGIC DESCRIPTION OF CORE INFORMATION COLLECTED IN FY'93 TO SUMMARIZE AND PROVIDE EXPLANATIONS TO ACCOMPANY SOURCE DATA.	D Y C
*GS931208314211.046	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE UE-25 NRG#1, VERSION 1.0  ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS	01/01/93-11/18/93	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP.	A Y C
*GS931208314211.047	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE UE-25 UZ #16, VERSION 1.0  ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS	01/01/93-11/18/93	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP.	A Y C
*GS931208314211.048	GRAPHICAL LITHOLOGIC LOG OF BOREHOLE USW UZ-14, VERSION 1.0  ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS	01/01/93-11/18/93	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP.	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F I Y P E	Q U A L I T Y I E D
*GS931208314211.049	REVISED STRATIGRAPHIC NOMENCLATURE AND MACROSCOPIC IDENTIFICATION OF LITHOSTRATIGRAPHIC UNITS EXPOSED AT YUCCA MOUNTAIN, NEVADA, BY D.C. BUESCH, R.W. SPENGLER, T. MOYER, AND J. GESLIN.  ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	07/30/93-09/30/93	MACROSCOPIC AND MICROSCOPIC OBSERVATIONS INCLUDING PHENOCRYST ASSEMBLAGES, DEPOSITION TEXTURES AND STRUCTURES, ZONES OF WELDING, ZONES OF CRYSTALLIZATION, AND SURFACE ROUGHNESS AND ORIENTATION OF FRACTURES	D	Y P
*GS931208314211.050	INTEGRATED GEOLOGY AND PRELIMINARY CROSS SECTION ALONG THE NORTH RAMP EXPLORATORY STUDIES FACILITY, YUCCA MOUNTAIN, NEVADA, BY D.C. BUESCH, R.P. DICKERSON, R.M. DRAKE, AND R.W. SPENGLER  ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	09/15/93-12/20/93	ANALYSIS AND INTEGRATION OF SURFACE MAPPING RELATIONSHIPS, LITHOLOGIC LOGS OF CORE FROM DRILL HOLES, AND SURFACE AND DOWN HOLE GEOPHYSICS.	D	N P
*GS931208314211.051	X-RAY FLUORESCENCE ELEMENTAL COMPOSITIONS, 3/9/93 - 3/14/93  ACQN/DEVL LOCATION : USGS, DENVER, CO	03/09/93-03/14/93	USGS TECHNICAL PROCEDURE GCP-25,R0, DETERMINATION OF CHEMICAL COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY	A	Y P
*GS940108314211.001	TABLE OF BASAL CONTACTS FROM CORE IN BOREHOLES USW UZ-14 AND USW NRG7/7A BY BUESCH, MOYER, AND GESLIN  ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY, NTS	06/01/93-01/18/94	THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SN-0001, SCIENTIFIC PLAN, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP.	A	Y C

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*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 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			
*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 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			
*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 C
	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 C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			

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*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 C
	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 C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
*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 C
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
*GS940308314211.009	SUMMARY OF LITHOLOGIC LOGGING OF NEW AND EXISTING BOREHOLES AT YUCCA MOUNTAIN, NEVADA, AUGUST 1993 TO FEBRUARY 1994 BY J. GESLIN, T. MOYER AND D. BUESCH	10/01/93-02/01/94	THIS SUMMARY WAS DEVELOPED FROM THE ANALYSES OF LITHOLOGIC LOGS COMPILED FROM CORE/DRILLHOLE DATA COLLECTED IN FY-93/94 (ROCK CHARACTERISTICS ACTIVITIES)	D Y P
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV			

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*GS940308314211.010	TABLE OF CONTACTS IN BOREHOLE USW UZ-N11 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 P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
*GS940308314211.011	TABLE OF CONTACTS IN BOREHOLE USW UZ-N38 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 P
	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 P
	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 P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*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 P
	ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY			
	Activity - 8.3.1.4.2.1.2			
**GS900908314212.015	A RESISTIVITY SOUNDING INVESTIGATION BY THE SCHLUMBERGER METHOD IN THE SYNCLINE RIDGE AREA OF THE NEVADA TEST SITE, NEVADA, BY L.A. ANDERSON, J.J. BISDORF, AND D.R. SCHOENTHALER.	01/01/79-01/01/80	INTERPRETATION OF SCHLUMBERGER RESISTIVITY SURVEY. USGS STANDARD METHODS. THE INTENT OF THE SURVEY WAS TO DETERMINE THE HORIZONTAL CONTINUITY AND THICKNESS OF UNIT J OF THE ELEANA FORMATION.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS900908314212.016	INTERPRETATION OF RESISTIVITY AND INDUCED POLARIZATION PROFILES WITH SEVERE TOPOGRAPHIC EFFECTS, YUCCA MOUNTAIN AREA, NEVADA TEST SITE, NEVADA, BY CHRISTIAN SMITH & H.P. ROSS.	01/01/65-12/31/79	USGS STANDARD TEST METHODS.	D N C
	ACQN/DEVL LOCATION : USGS			
**GS920508314212.001	GRAVITY DATA . THIS FIELD DATA SET CONSISTS OF THE OBSERVED GRAVITY VALUES, TERRAIN CORRECTIONS, ELEVATION CONTROLS, CALIBRATION DATA, LOCATION DATA AND DATA RELATED TO SEISMIC REFLECTION TESTING.	02/14/78-03/19/86	GRAVITY DATA WAS COLLECTED USING LACOSTE AND ROMBERG METERS D-26, G161, G177, AND G614. GRAVITY STATIONS WERE TIED TO BASE STATIONS IN MERCURY OR BEATTY, NV. OR STATIONS IN THE SYNCLINE RIDGE AREA. STATION ELEVATIONS WERE CONTROLLED BY BENCHMARKS, POINTS SURVEYED WITH A HEWLETT-PACKARD ELECTRONIC DISTANCE MEASURING DEVICE, OR PHOTOGRAMETRIC SPOT ELEVATIONS. TERRAIN CORRECTIONS CONSIST OF THE INNERMOST (FIELD), THE INNER-ZONE (MANUAL), AND THE OUTER-ZONE TERRAIN CORRECTIONS.	A N C

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	ACQN/DEVL LOCATION : 36 37'05"N 115 52'05"W ;37 22'05"N 116 37'05"W			
**GS920508314212.002	MAGNETIC DATA (GROUND) GATHERED ALONG SIX PROFILES (LINES PA, PB, PD, PE, PF, AND PL) ACROSS FORTYMILE WASH, NEVADA TEST SITE, NEVADA.	01/16/81-04/08/82	DATA WAS COLLECTED WITH THE SENSOR AT 2.4M A N C (8FT.) ABOVE THE SURFACE. A GEOMETRICS PORTABLE PROTON PRECESSION MAGNETOMETER MODEL G-816 AND BASE STATION MAGNETOMETER G-826A WERE USED. A BASE STATION WAS REQUIRED TO MAKE CORRECTIONS FOR DIURNAL TIME VARIATIONS OF THE EARTH'S MAGNETIC FIELD. THE BASE STATION WAS LOCATED NEAR WELL J-13 AND READINGS WERE TAKEN AT TWO MINUTE INTERVALS OR LESS. MAGNETIC OBSERVATIONS ARE ACCURATE TO ABOUT 1 NT.	A N C
	ACQN/DEVL LOCATION : 36 37'30"N 116 15'00"W ;37 00'00"N 116 30'00"W			
**GS920508314212.003	DENSITY DATA FROM SAMPLES COLLECTED AROUND THE FORTYMILE WASH AND WAHMONIE FLATS AREA OF THE NEVADA TEST SITE, NEVADA.	03/19/80-11/02/82	DENSITIES WERE DETERMINED BY WEIGHING THE SAMPLE IN AIR, THEN WEIGHING THE SAMPLES SUBMERGED IN WATER USING AN ELECTRONIC BALANCE EQUIPPED WITH A STIRRUP AND SUSPENDING THE SAMPLE BY A WIRE. GRAIN DENSITY WAS CALCULATED FROM THE DIFFERENCE OF THE TWO WEIGHINGS, USING ARCHIMEDES' PRINCIPLE.	A N C
	ACQN/DEVL LOCATION : FORTYMILE WASH WAHMONIE FLATS			
**GS920508314212.005	PRINCIPAL FACTS FOR ABOUT 16,000 GRAVITY STATIONS IN THE NEVADA TEST SITE AND VICINITY, BY R. HARRIS, D. PONCE, D. HEALY, AND H. OLIVER. TABLES INCLUDE: STATION NAME, LATITUDE, LONGITUDE, ELEVATION, OBSERVED GRAVITY, FREE-AIR ANOMALY, INNER ZONE TERRAIN CORRECTION, COMPLETE BOUGUER ANOMALY, ISOSTATIC RESIDUAL ANOMALY, AND THE DATE THE STATION WAS OCCUPIED. (VOL. B IS PRINTED GRAVITY DATA TABLES, C IS ON DISKETTE.)	01/01/58-05/29/87	ALL GRAVITY DATA WERE REDUCED USING STANDARD GRAVITY CORRECTIONS, INCLUDING: EARTH-TIDE CORRECTION; INSTRUMENT DRIFT CORRECTION; LATITUDE CORRECTION; FREE-AIR CORRECTION; BOUGUER CORRECTION; CURVATURE CORRECTION; TERRAIN CORRECTION; AND ISOSTATIC CORRECTION. FURTHER INFORMATION ON THE GRAVITY DATA REDUCTION METHODS CAN BE FOUND ON PG. 5, VOL. A OF THIS REPORT.	D N T

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	ACQN/DEVL LOCATION : 36 35'05"N 115 52'05"W ; 37 22'05"N 116 37'05"W			
**GS920608314212.008	GROUND MAGNETIC DATA - GATHERED ALONG TRAVERSES IN AMARGOSA VALLEY AND CRATER FLAT, NEVADA	03/15/86-03/19/86	MAGNETIC DATA WERE ACQUIRED UNDER PROCEDURE DESCRIBED IN GPP-11, MAGNETIC METHODS	A N C
	ACQN/DEVL LOCATION : 36 30'00"N 116 15'00"W ; 36 50'00"N 116 30'00"W			
**GS921108314212.013	GEOPHYSICAL INVESTIGATIONS OF BURIED VOLCANIC CENTERS NEAR YUCCA MOUNTAIN, SOUTHWESTERN NEVADA, BY V.E. LANGENHEIM, H.W. OLIVER, AND K. KIRCHOFF-STEIN	03/15/86-12/15/89	PLOTTED GRAVITY DATA AND EVALUATED SOURCE; PLOTTED MAGNETIC DATA AND MODELED, MAKING SOME ASSUMPTIONS ABOUT SOURCE. COMPARED GRAVITY/MAGNETIC DATA USING STANDARD SCIENTIFIC PRACTICE.	D N C
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA			
**GS930108314212.002	STRUCTURE OF CRATER FLAT AND YUCCA MOUNTAIN, SOUTHEASTERN NEVADA, AS INFERRED FROM GRAVITY DATA, BY H.W. OLIVER AND K.F. FOX.	10/01/92-01/15/93	THIS MODEL WAS DEVELOPED USING EXISTING ISOSTATIC GRAVITY MAP DATA ACQUIRED IN THE VICINITY OF YUCCA MOUNTAIN AND CRATER FLAT.	D N C
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA			
**GS930408314211.012	SEARCH FOR POTENTIAL SITES, BY G.L. DIXON AND V.M. GLANZMAN -- FY 1980 REPORT	01/01/81-05/01/82	SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL AND GEOPHYSICAL STUDIES INCLUDING MAGNETIC, GRAVITY, LOG DATA AND CORE ANALYSIS (USW G-1).	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO.			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS930608314212.008	A SLINGRAM SURVEY ON THE NEVADA TEST SITE - PART OF INTEGRATED GEOLOGIC-GEOPHYSICAL STUDY OF SITE EVALUATION FOR NUCLEAR WASTE DISPOSAL, BY VINCENT J. FLANIGAN  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/78-01/01/79	CONTOUR MAPS OF SLINGRAM RESPONSE WERE PRODUCED FOR TWO DIFFERENT FREQUENCIES. SELECTED DATA WERE TREATED BY QUANTITATIVE INTERPRETATION PROCEDURES TO DEVELOP A LAYERED EARTH MODEL.	D N C
*GS930808314212.011	GRAVITY AND MAGNETIC STUDY OF YUCCA WASH, SOUTHWEST NEVADA, BY V.E. LANGENHEIM, D.A. PONCE, H.W. OLIVER, AND R.F. SIKORA  ACQN/DEVL LOCATION : USGS, MENLO PARK, CA	09/30/92-08/30/93	COMPILATION AND ANALYSIS OF THE SOURCE DATA	D Y P
*GS940108314212.001	GRAVITY AND MAGNETIC INVESTIGATIONS OF YUCCA WASH, SOUTHWEST NEVADA, BY V.E. LANGENHEIM, D.A. PONCE AND H.W. OLIVER  ACQN/DEVL LOCATION : USGS, MENLO PARK, CA	09/01/93-12/31/93	SUMMARIZING SOURCE AND ADDING CONCLUSION	D Y P
Activity - 8.3.1.4.2.1.3				
**GS900908314213.010	INTERPRETATION OF GEOPHYSICAL WELL-LOG MEASUREMENTS IN DRILL HOLES UE25A-4, -5, -6, -7, (UE-25A #4, #5, #6, #7), YUCCA MOUNTAIN, NEVADA TEST SITE, BY J.J. DANIELS, J.H. SCOTT, AND J.T. HAGSTRUM.  ACQN/DEVL LOCATION : USGS, DENVER, CO	06/01/79-12/31/80	USGS STANDARD METHODS.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS911008314213.010	PERMEABILITY AND RELATED ROCK PROPERTIES OF CORE SAMPLES OBTAINED FROM THE YUCCA MOUNTAIN USW GU-3/G-3 AND USW G-4 BOREHOLES, NEVADA TEST SITE, NV.  ACQN/DEVL LOCATION : USW G-3 USW G-4 USW GU-3	01/01/84-03/31/86	USGS STANDARD COLLECTION METHODS	A N C
**GS920108314213.001	GEOPHYSICAL LOGS AND CORE MEASUREMENTS FROM FORTY BOREHOLES AT YUCCA MOUNTAIN, BY PHILLIP H. NELSON, DOUGLAS C. MULLER, ULRICH SCHIMSCHAL, AND JOYCE KIBLER  ACQN/DEVL LOCATION : J-13 UE-25A #1 UE-25A #6 UE-25A #7 UE-25B #1 UE-25C #1 UE-25C #2 UE-25C #3 UE-25P #1 UE-25WT #12 UE-25WT #13 UE-25WT #14 UE-25WT #15 UE-25WT #16 UE-25WT #17 UE-25WT #18 UE-25WT #3 UE-25WT #4 UE-25WT #6 USW G-1 USW G-2 USW G-4 USW GU-3 USW H-1 USW H-3 USW H-4 USW H-5	01/01/78-12/31/84	USGS STANDARD COLLECTION METHODS	A N T

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	USW H-6 USW UZ-1 USW UZ-6 USW VH-1 USW VH-2 USW WT-1 USW WT-10 USW WT-11 USW WT-2 USW WT-7			
**GS930708314213.001	PRELIMINARY GEOLOGIC AND GEOPHYSICAL DATA OF THE UE25A-3 (UE-25A #3) EXPLORATORY DRILL HOLE, NEVADA TEST SITE, NEVADA, BY FLORIAN MALDONADO, D.C. MULLER, AND J.N. MORRISON	01/01/78-01/01/79	CORE INDEX, FRACTURE FREQUENCY, AND FRACTURE DIPS WERE CALCULATED FOR ALL CORES. MATERIAL PROPERTIES CALCULATED INCLUDE AXIAL STRESS AT FAILURE, MODULUS OF ELASTICITY, POISSON'S RATIO, AND BULK SHEAR MODULI. GEOPHYSICAL LOGS WERE RUN FOR GEOLOGIC CORRELATIONS AND LITHOLOGIC CHARACTERIZATIONS.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS930908314214.006	GEOLOGICAL AND MINERALOGICAL CONTROLS ON PHYSICAL PROPERTIES OF TUFFS AT YUCCA MOUNTAIN, BY PHILLIP H. NELSON.	01/01/92-05/08/92	EXPERIMENTAL PROCEDURES FOUND IN NELSON AND ANDERSON, 1992. MINERALOGY DETERMINED BY X-RAY DIFFRACTION REPORTED AS WEIGHT PERCENTAGE OF TOTAL SOLIDS (BISH AND CHIPERA, 1989). POROSITY ESTIMATED FROM MEASUREMENTS ON NEARBY CORE. GRAIN DENSITY WAS PLOTTED AS A FUNCTION OF DEPTH. DENSITY WAS DETERMINED BY 1) WEIGHING DRIED SATURATED SAMPLES (ANDERSON, 1984), 2) PYCNOMETER (NIMICK AND SCHWARTZ, 1987) AND 3) MINERALOGICAL DETERMINATION (BISH AND CHIPERA, 1989). COMPLETE BIBLIOGRAPHIC CITATIONS FOUND IN REPORT.	D N T
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS931208314213.011	SATURATION LEVELS AND TRENDS IN THE UNSATURATED ZONE, YUCCA MOUNTAIN, NEVADA, BY P. NELSON.	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 P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
	Activity - 8.3.1.4.2.1.4			
**GS900908314215.008	PRELIMINARY INTERPRETATION OF PALEOMAGNETIC AND MAGNETIC PROPERTY DATA FROM DRILL HOLES USW G-1, G-2, GU-3, AND VH-1 AND SURFACE LOCALITIES IN THE VICINITY OF YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY J.G. ROSENBAUM & D.B. SNYDER.	01/01/80-12/31/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS USW G-1 USW G-2 USW GU-3 USW VH-1 YUCCA MOUNTAIN VICINITY			
*GS930908314214.006	GEOLOGICAL AND MINERALOGICAL CONTROLS ON PHYSICAL PROPERTIES OF TUFFS AT YUCCA MOUNTAIN, BY PHILLIP H. NELSON.	01/01/92-05/08/92	EXPERIMENTAL PROCEDURES FOUND IN NELSON AND ANDERSON, 1992. MINERALOGY DETERMINED BY X-RAY DIFFRACTION REPORTED AS WEIGHT PERCENTAGE OF TOTAL SOLIDS (BISH AND CHIPERA, 1989). POROSITY ESTIMATED FROM MEASUREMENTS ON NEARBY CORE. GRAIN DENSITY WAS PLOTTED AS A FUNCTION OF DEPTH. DENSITY WAS DETERMINED BY 1) WEIGHING DRIED SATURATED SAMPLES (ANDERSON, 1984), 2) PYCNOMETER (NIMICK AND SCHWARTZ, 1987) AND 3) MINERALOGICAL DETERMINATION (BISH AND CHIPERA, 1989). COMPLETE BIBLIOGRAPHIC CITATIONS FOUND IN REPORT.	D N T
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS930908314214.007	BULK POROSITY IN LITHOPHYSAL ZONES ABOVE THE STATIC WATER LEVEL AT YUCCA MOUNTAIN, NEVADA, CALCULATED FROM BOREHOLE GRAVITY AND GAMMA-GAMMA DENSITY LOGS, BY D.C. MULLER AND R.W. SPENGLER.	01/01/89-10/02/89	SATURATED BULK DENSITY FROM CORES OBTAINED BELOW STATIC WATER LEVEL AND NATURAL STATE BULK DENSITY FROM CORES OBTAINED ABOVE STATIC WATER LEVEL ARE PLOTTED ALONG WITH DENSITY FROM THE DENSITY LOG. LITHOPHYSAL POROSITY ESTIMATES ARE OBTAINED USING A POINT COUNT METHOD (SPENGLER AND CHORNACK, 1984). COMPLETE BIBLIOGRAPHIC CITATIONS FOUND IN REPORT.	D N T
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
	Activity - 8.3.1.4.2.1.5			
**GS900908314215.008	PRELIMINARY INTERPRETATION OF PALEOMAGNETIC AND MAGNETIC PROPERTY DATA FROM DRILL HOLES USW G-1, G-2, GU-3, AND VH-1 AND SURFACE LOCALITIES IN THE VICINITY OF YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY J.G. ROSENBAUM & D.B. SNYDER.	01/01/80-12/31/83	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS USW G-1 USW G-2 USW GU-3 USW VH-1 YUCCA MOUNTAIN VICINITY			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
Activity - 8.3.1.4.2.1.6			
**GS930408314216.001	REINTERPRETATION OF THE BEATTY SCARP, NYE COUNTY, NEVADA, BY WC SWADLEY, J.C. YOUNT, AND S.T. HARDING.	01/11/85-11/19/85	INFERENCES ARE DRAWN FROM DATA OBTAINED BY D N C MAPPING, SCARP PROFILE MEASUREMENTS, TRENCH LOGGING, RADIOMETRIC DATING AND SEISMIC PROFILING.
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA		
*GS931208314216.003	SURFACE REFLECTION SEISMIC IMAGING OF THE GHOST DANCE FAULT IN SURVEYS EXTENDING FROM THE REGION WEST OF USW WT-2 TO THE REGION EAST OF UE-25 UZ #16, CROSSING THE TRACE OF THE FAULT, AND SOUTH FROM THE REGION OF UE-25 NRG #7 PAST USW NRG-6 TO THE SUBDOCK AREA.	10/25/93-10/29/93	SN-0055, HIGH RESOLUTION SURFACE SEISMIC REFLECTION A Y P
	ACQN/DEVL LOCATION : N9960.5890 (N) E10024.4430 (N) N9832.4170 (N) E10121.2591 (N) N9708.8875 (N) E10220.6840 (N) N9591.6391 (N) E10327.8713 (N) N9532.4599 (N) E10380.5828 (N) N9462.4228 (N) E10421.1820 (N) N9313.9099 (N) E10480.1320 (N) N9165.3257 (N) E10539.6012 (N) N9017.7991 (N) E10599.5914 (N) N8872.6339 (N) E10664.9011 (N) N8725.8638 (N) E10726.7060 (N) N8618.3993 (N) E10780.9401 (N) N8519.8757 (N) E10848.3095 (N) N8420.8730 (N) E10914.4696 (N) N8311.9528 (N) E10965.2453 (N) N8209.2557 (N) E11024.6838 (N) N8117.1068 (N) E11100.9453 (N) N8019.7898 (N) E11169.7612 (N) N7916.5370 (N) E11229.9327 (N) N7820.6039 (N) E11303.4229 (N) N7711.9586 (N) E11418.2341 (N) N7603.4948 (N) E11534.4764 (N) N7495.5986 (N) E11652.2433 (N) N7390.1705 (N) E11773.0950 (N) N7362.8533 (N) E11801.6855 (N)		

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
N7335.4308(N)	E11819.6376(N)		
N7278.3449(N)	E11836.2470(N)		
N7171.6214(N)	E11976.4329(N)		
N7068.3647(N)	E12097.3827(N)		
N6961.8605(N)	E12216.6420(N)		
N6846.8649(N)	E12325.2640(N)		
N6718.6944(N)	E12419.0073(N)		
N6593.1285(N)	E12515.9161(N)		
N6464.4948(N)	E12609.7504(N)		
N6342.3905(N)	E12701.4512(N)		
N5910.2406(N)	E4097.8285(N)		
N5958.6282(N)	E4160.9987(N)		
N6002.6961(N)	E4225.4879(N)		
N6042.0575(N)	E4292.9448(N)		
N6052.2773(N)	E4335.7208(N)		
N6050.0792(N)	E4373.6502(N)		
N6039.1731(N)	E4410.0779(N)		
N6017.8392(N)	E4443.6302(N)		
N5980.0382(N)	E4512.6268(N)		
N5942.6049(N)	E4582.8883(N)		
N5923.1200(N)	E4658.6651(N)		
N5908.3595(N)	E4738.1918(N)		
N5893.6122(N)	E4813.8511(N)		
N5896.9442(N)	E4892.4288(N)		
N5919.2798(N)	E4965.6112(N)		
N5943.1317(N)	E5042.9647(N)		
N5960.3554(N)	E5122.1358(N)		
N5970.2546(N)	E5167.7525(N)		
N5970.4482(N)	E5198.0203(N)		
N5986.5449(N)	E5275.3534(N)		
N5993.8946(N)	E5285.5811(N)		
N6004.5023(N)	E5352.1618(N)		
N6022.7096(N)	E5418.4558(N)		
N6015.4753(N)	E5430.5383(N)		
N6034.8053(N)	E5505.8366(N)		
N6056.0495(N)	E5513.7281(N)		
N6043.1944(N)	E5545.4145(N)		
N6067.8278(N)	E5621.6071(N)		
N6099.4859(N)	E5641.2963(N)		
N6076.8656(N)	E5700.9532(N)		
N6095.4570(N)	E5736.7096(N)		
N6108.8036(N)	E5773.4696(N)		
N6113.3751(N)	E5787.2864(N)		
N6131.1460(N)	E5849.9884(N)		

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
N6151.0592 (N)	E5885.2096 (N)		
N6159.0054 (N)	E5923.6791 (N)		
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N6233.9590 (N)	E6031.1634 (N)		
N6209.5040 (N)	E6032.1188 (N)		
N6256.7960 (N)	E6091.3302 (N)		
N6247.6405 (N)	E6143.4773 (N)		
N6284.6840 (N)	E6159.2657 (N)		
N6281.0816 (N)	E6226.7956 (N)		
N6260.6908 (N)	E6262.6311 (N)		
N6285.9905 (N)	E6308.1776 (N)		
N6259.4117 (N)	E6381.1295 (N)		
N6278.4754 (N)	E6448.6531 (N)		
N6247.1338 (N)	E6499.6866 (N)		
N6262.2202 (N)	E6588.1076 (N)		
N6228.0644 (N)	E6618.3807 (N)		
N6202.9713 (N)	E6734.9084 (N)		
N6232.2554 (N)	E6738.5913 (N)		
N6552.8408 (N)	E6808.3088 (N)		
N6616.5767 (N)	E6835.7614 (N)		
N6170.2929 (N)	E6849.1927 (N)		
N6191.9190 (N)	E6872.2616 (N)		
N6727.8885 (N)	E6880.5514 (N)		
N6837.4117 (N)	E6929.0871 (N)		
N6130.0490 (N)	E6960.3418 (N)		
N6946.9943 (N)	E6976.5074 (N)		
N6141.8535 (N)	E6995.0354 (N)		
N7059.1508 (N)	E7019.0672 (N)		
N7171.9407 (N)	E7059.8798 (N)		
N6076.3619 (N)	E7067.1448 (N)		
N7285.2083 (N)	E7098.1711 (N)		
N6077.7218 (N)	E7122.2264 (N)		
N7399.0907 (N)	E7134.7786 (N)		
N6012.1696 (N)	E7167.7636 (N)		
N7513.4355 (N)	E7170.8747 (N)		
N7628.5099 (N)	E7205.9988 (N)		
N5997.4303 (N)	E7241.8981 (N)		
N7742.6959 (N)	E7242.3321 (N)		
N5947.8325 (N)	E7268.7867 (N)		
N7856.9857 (N)	E7279.1637 (N)		
N7970.4825 (N)	E7316.1249 (N)		
N8084.4577 (N)	E7353.4548 (N)		
N5928.2370 (N)	E7363.8458 (N)		

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 N8198.8727 (N) E7389.1261 (N)  
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 N5833.5488 (N) E7477.6558 (N)  
 N5861.5641 (N) E7483.3608 (N)  
 N8541.5601 (N) E7501.5006 (N)  
 N8655.8137 (N) E7540.5711 (N)  
 N8768.5460 (N) E7578.5479 (N)  
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 N9222.6860 (N) E7736.2967 (N)  
 N9336.0218 (N) E7775.0335 (N)  
 N9373.8102 (N) E7789.4364 (N)  
 N5705.2246 (N) E7811.5557 (N)  
 N5731.7266 (N) E7862.6024 (N)  
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 N5725.3053 (N) E7986.8801 (N)  
 N5695.5651 (N) E8049.0120 (N)  
 N5719.5249 (N) E8119.8872 (N)  
 N5688.9889 (N) E8168.7993 (N)  
 N5713.4501 (N) E8253.3378 (N)  
 N5683.4837 (N) E8288.2068 (N)  
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 N5675.9964 (N) E8408.4176 (N)  
 N5659.7891 (N) E8524.2539 (N)  
 N5671.7787 (N) E8527.9467 (N)  
 N5666.9878 (N) E8647.3835 (N)  
 N5663.4313 (N) E8673.7730 (N)  
 N5668.6366 (N) E8767.8255 (N)  
 N5661.8176 (N) E8820.0033 (N)  
 N5662.1700 (N) E8887.4404 (N)  
 N5655.1329 (N) E8926.3097 (N)  
 N5643.6293 (N) E8952.1941 (N)  
 N5632.3262 (N) E9003.1603 (N)  
 N5603.1969 (N) E9077.6718 (N)  
 N5596.3555 (N) E9077.7650 (N)  
 N5569.9356 (N) E9149.3739 (N)  
 N5531.5209 (N) E9219.7575 (N)  
 N5489.7463 (N) E9288.0449 (N)

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	N5423.1018 (N) E9387.1449 (N)			
	N5354.1660 (N) E9488.1005 (N)			
	N5289.2922 (N) E9585.6306 (N)			
	N5219.5190 (N) E9683.8299 (N)			
	N10489.1708 (N) E9749.7864 (N)			
	N5151.9322 (N) E9782.2171 (N)			
	N10386.1000 (N) E9809.6943 (N)			
	N10239.9481 (N) E9875.2712 (N)			
	N5083.7328 (N) E9880.3085 (N)			
	N10095.4777 (N) E9940.0237 (N)			
	N5018.2490 (N) E9980.4391 (N)			
	N7724.1308 (N) N5756.1761 (N)			
Activity - 8.3.1.4.2.2.1				
*GS930108314221.003	ISOTOPIC AND TRACE ELEMENT VARIABILITY IN ALTERED AND UNALTERED TUFFS AT YUCCA MOUNTAIN, NEVADA, BY Z.E. PETERMAN, R.W. SPENGLER, F.R. SINGER, AND R.P. DICKERSON	11/17/92-12/31/92	DESCRIPTION OF PROGRESS OF THE ONGOING INVESTIGATION, BUILDING A COMPREHENSIVE BASE OF ISOTOPIC AND GEOCHEMICAL INFORMATION ON THE ROCK MASS AT YUCCA MOUNTAIN.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS930308314221.008	STRUCTURE OF PRE-CENOZOIC ROCKS IN THE VICINITY OF YUCCA MOUNTAIN, NEVADA - A POTENTIAL NUCLEAR-WASTE DISPOSAL SITE, BY G.D. ROBINSON.	01/01/84-01/01/85	SUMMARIES AND PRELIMINARY INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA/INFORMATION FOR THE GROSS DISTRIBUTION AND PRESENT STRUCTURE OF PREVOLCANIC ROCKS IN THE YUCCA MOUNTAIN AREA INCLUDING: REGIONAL STRATIGRAPHY AND STRUCTURE OF PRE-CENOZOIC ROCKS, STRUCTURE OF PRE-CENOZOIC ROCKS OF THE YUCCA FLAT AREA, AND STRUCTURE OF THE PRE-CENOZOIC ROCKS OF THE YUCCA MOUNTAIN STUDY AREA.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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*GS931008314221.011	STRUCTURAL CHARACTER OF THE NORTHERN SEGMENT OF THE PAINTBRUSH CANYON FAULT, YUCCA MOUNTAIN, NEVADA, BY R.P. DICKERSON AND R.W. SPENGLER  ACQN/DEVL LOCATION : USGS, DENVER, CO	05/01/93-09/30/93	TECHNICAL PROCEDURE GP-01,R2, GEOLOGIC MAPPING.	D N P
*GS931208314221.012	FAULT ATTITUDE DATA OF THE PAINTBRUSH CANYON FAULT SYSTEM.  ACQN/DEVL LOCATION : N770270(N) E570900(N) ;N793000(N) E579000(N)	05/01/92-11/05/93	NWM-USGS GP-01,R2, GEOLOGIC MAPPING.	A Y P
*GS931208314221.015	PHOTOMICROGRAPHS OF THIN SECTIONS FROM ANTLER RIDGE  ACQN/DEVL LOCATION : USGS, DENVER, CO	05/01/93-12/06/93	GP-18,R1, PETROGRAPHIC ANALYSIS OF VOLCANIC ROCKS	A Y P
*GS931208314221.016	PETROGRAPHIC AND GEOCHEMICAL CHARACTERISTICS OF A SECTION THROUGH THE TIVA CANYON TUFF AT ANTLER RIDGE, YUCCA MOUNTAIN, NEVADA, BY F. SINGER, F.J. BYERS, JR., B.L. WIDMAN AND R.P. DICKERSON  ACQN/DEVL LOCATION : USGS, DENVER, CO	10/01/93-12/06/93	DETAILED PETROGRAPHIC EXAMINATION OF AN ANTLER RIDGE THIN SECTION SUITE DESCRIBING POST DEPOSITIONAL MINERAL CHANGES RELATED TO COOLING OF TIVA CANYON TUFF WELDED ASH-FLOW UNITS (E.G. DEVITRIFICATION AND VAPOR PHASE MINERALOGY) AIDED BY CHEMICAL ANALYSIS	D Y P
*GS931283117452.005	GEOLOGIC MAPPING IN CRATER FLAT, IN AND AROUND FOUR 7.5 MINUTE QUADRANGLES: 1) EAST OF BEATTY MOUNTAIN, 2) BEATTY MOUNTAIN, 3) CRATER FLAT, 4) BIG DUNE.  ACQN/DEVL LOCATION : 36 52'30"N 116 37'30"W ;37 00'00"N 116 30'00"W	03/14/93-05/15/93	TECHNICAL PROCEDURE GP-01,R2, GEOLOGIC MAPPING.	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940108314221.001	FIELD OBSERVATIONS OF FRACTURES AND FIELD MEASUREMENTS COLLECTED 10/01/92 THROUGH 9/30/93 FOR ATTRIBUTES OF FRACTURES, MAPS AT 1:240, PORTION OF GHOST DANCE FAULT, YUCCA MOUNTAIN, NEVADA.  ACQN/DEVL LOCATION : N762,400 (N) E560,600 (N) ;N765,200 (N) E564,400 (N)	10/01/92-09/30/93	DATA WERE ACQUIRED USING TECHNICAL PROCEDURES NWM-USGS GP-01,R2; GEOLOGIC MAPPING AND GP-12,R1, MAPPING FRACTURES ON PAVEMENTS, OUTCROPS, AND ALONG TRAVERSES.	A Y P
*GS940108314221.002	THE SUNDANCE FAULT: A NEWLY RECOGNIZED SHEAR ZONE AT YUCCA MOUNTAIN, BY R.W. SPENGLER, C.A. BRAUN, AND L.G. MARTIN.  ACQN/DEVL LOCATION : USGS, DENVER, CO	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
Activity - 8.3.1.4.2.2.2				
**GS921208314222.003	FRACTURE DATA FOR (UE-25) NRG-1 CORE, DATED SEPT 4 & 14, 1992; FRACTURE DATA FOR NRG-1 PAVEMENT, DATED SEPT. 3, 16, 17, 18, 1992; FRACTURE DATA FOR NRG-1 PAVEMENT, DATED 11/16 - 11/20, 1992  ACQN/DEVL LOCATION : USBR SOIL AND ROCK LAB, DENVER	09/03/92-11/20/92	TECHNICAL PROCEDURE NWM-USGS GP-12,R1, MAPPING FRACTURES ON PAVEMENTS, OUTCROPS, AND ALONG TRAVERSES.	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.4.2.2.4				
**GS931008314224.006	DETAILED LINE SURVEY DATA FOR EXPLORATORY STUDIES FACILITY, NORTH RAMP STARTER TUNNEL, RIGHT SLASH.  ACQN/DEVL LOCATION : NORTH RAMP OF ESF, AREA 25, NTS	04/14/93-09/10/93	SN-0041,RO, UNDERGROUND MAPPING OF THE NORTH RAMP STARTER TUNNEL AND APPURTENANCES	A Y C
**GS931008314224.007	FULL-PERIPHERY MAPS, NORTH RAMP OF THE EXPLORATORY STUDIES FACILITY, THROUGH OCTOBER, 1993.  ACQN/DEVL LOCATION : NORTH RAMP OF ESF, AREA 25, NTS	04/14/93-09/10/93	SN-0041,RO, UNDERGROUND MAPPING OF THE NORTH RAMP STARTER TUNNEL AND APPURTENANCES	A Y C
*GS940208314224.001	DESCRIPTIONS AND ORIENTATIONS OF TWO FAULTS IDENTIFIED AT SURVEY POINTS NRPM-150 TO NRPM-157, NORTH RAMP PORTAL, ESF, MARCH 1993  ACQN/DEVL LOCATION : NORTH RAMP PORTAL, ESF	03/19/93-03/19/93	NWM-USGS GP-01,R2, GEOLOGIC MAPPING, AND GP-12,R1, MAPPING FRACTURES ON PAVEMENTS, OUTCROPS, AND ALONG TRAVERSES	A Y C
*GS940208314224.002	FULL PERIPHERY MAP/STARTER TUNNEL  ACQN/DEVL LOCATION : USBR, DENVER, CO	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

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F Y P E	Q U A L I T Y P E D
Activity - 8.3.1.4.2.2.5					
*GS931208314225.001	VSP DATA FROM USW NRG-6 AND USW WT-2	01/01/93-12/09/93	SP-13,R1, VSP AND CROSSHOLE TOMOGRAPHIC SURVEYS	A	Y C
ACQN/DEVL LOCATION :					
N760709.03529 (N) E561861.06022 (N)					
N760660.54000 (N) E561923.56000 (N)					
N760635.22251 (N) E561971.61496 (N)					
N760617.72844 (N) E562016.83945 (N)					
N760596.53374 (N) E562060.00276 (N)					
N760586.96610 (N) E562111.65543 (N)					
N760592.39532 (N) E562159.11495 (N)					
N760613.91922 (N) E562209.96883 (N)					
N760643.42035 (N) E562248.65178 (N)					
N760674.34866 (N) E562286.07975 (N)					
N760708.62988 (N) E562322.38096 (N)					
N760743.42170 (N) E562356.79929 (N)					
N760768.46645 (N) E562406.87925 (N)					
N760789.85461 (N) E562446.05127 (N)					
N760802.13060 (N) E562490.77385 (N)					
N760812.43019 (N) E562540.73690 (N)					
N760817.82754 (N) E562590.35809 (N)					
N760822.32512 (N) E562640.04954 (N)					
N760823.01716 (N) E562686.90466 (N)					
N760824.51338 (N) E562739.71504 (N)					
N760823.72724 (N) E562787.52201 (N)					
N760819.13400 (N) E562836.77942 (N)					
N760804.52429 (N) E562897.30774 (N)					
N766649.33809 (N) E564161.39669 (N)					
N766726.02468 (N) E564186.92569 (N)					
N766067.45545 (N) E564351.69944 (N)					
N766820.34544 (N) E564552.00920 (N)					

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.5.1.2.1				
*GS931208315121.002	STABLE ISOTOPE ANALYSES OF GASTROPODS, 10/93-11/93.  ACQN/DEVL LOCATION : USGS, DENVER, CO	10/01/93-11/30/93	NWM-USGS GCP-16,R3, CARBONATE CARBON,AND OXYGEN ISOTOPE ANALYSES.	A Y C
*GS931208315121.003	MOLLUSCS AS CLIMATE INDICATORS - PRELIMINARY RESULTS OF STABLE ISOTOPE AND COMMUNITY ANALYSIS, BY S.E. SHARPE, J.F. WHELAN, R.M. FORESTER, AND T. MCCONNAUGHEY  ACQN/DEVL LOCATION : DESERT RESEARCH INSTITUTE, RENO, NV	09/30/93-12/15/93	EVALUATION OF THE USE OF ISOTOPE SIGNATURE ANALYSIS OF MOLLUSCS WITHIN A SAMPLE TO DETERMINE THE CLIMATE VARIABILITY ASSOCIATED WITH THE SAMPLE'S TIMESPAN	D Y P
Activity - 8.3.1.5.1.2.2				
**GS931208315122.003	FOSSIL OSTRACODE SPECIMENS FROM MARSH DEPOSITS IN LAS VEGAS VALLEY  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/20/93-12/01/93	SAMPLE COLLECTION FOLLOWED GP-27,R2, TRENCH WALL AND NATURAL OUTCROP SAMPLING FOR COORDINATED STUDIES, SAMPLE PROCESSING FOLLOWED HP-78,R1, NONMARINE CALCEREUS MICROFOSSIL SAMPLE PREPARATION AND DATA ACQUISITION.	A Y C
*GS931208315122.004	LATE GLACIAL CLIMATE ESTIMATES FOR SOUTHERN NEVADA: THE FOSSIL OSTRACODE RECORD, BY R.M. FORESTER AND A.J. SMITH.  ACQN/DEVL LOCATION : USGS, DENVER, CO	09/30/93-11/30/93	THE OSTRACODE CONTENTS OF SEVERAL SAMPLES COLLECTED FROM NEAR THE TOP OF UNIT D AND NEAR THE BASE OF UNIT E (QUADE 1986, QUADE AND PRATT, 1989) WHERE THE UNIT D/E BOUNDARY IS ABOUT 13 TO 14 KA, WERE USED TO PROVIDE PRELIMINARY PALEOHYDROLOGICAL RECONSTRUCTIONS FROM OSTRACODES.	D Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
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 P
ACQN/DEVL LOCATION : BETA ANALYTIC INC., MIAMI, FLORIDA				
Activity - 8.3.1.5.1.4.1				
**GS930508315141.005	URANIUM-TREND DATING OF FLUVIAL AND FAN DEPOSITS IN THE BEATTY AREA, NEVADA BY J.N. ROSHOLT, W.C. SWADLEY AND C.A. BUSH.	01/01/85-09/26/85	ANALYSES OF CaCO <sub>3</sub> RINDS BY CONVENTIONAL CLOSED-SYSTEM URANIUM-SERIES DATING. U AND TH CONCENTRATIONS BY RADIOISOTOPE-DILUTION TECHNIQUE DESCRIBED BY ROSHOLT (1984). CALICHE AGES BY ISOCHRON-PLOT METHOD, SZABO AND STERR (1978). CHARACTERIZATION OF ANALYTICAL RESULTS PLOTTED AS ACTIVITY RATIOS IN GRAPHICAL FORM. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT.	D N C
ACQN/DEVL LOCATION : USGS, DENVER, CO				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.5.1.4.2				
*GS940108315142.001	DATA ON LATE TERTIARY ESTABLISHMENT OF FORTYMILE CANYON INCLUDING SURFICIAL DEPOSITS MAPPING AND ANALYSIS OF PUBLISHED GEOLOGIC QUADRANGLE MAPPING.	10/01/92-12/22/92	GP-01,R2, GEOLOGIC MAPPING, AND SCIENTIFIC NOTEBOOK SN-0056, SEDIMENTARY GRAVEL CLAST COUNTING AND CLASSIFICATION AT SECTION EXPOSURES.	A Y C
	ACQN/DEVL LOCATION : 36 48'45"N 116 26'15"W ;37 15'00"N 116 15'00"W			
*GS940108315142.002	LATE TERTIARY ESTABLISHMENT OF FORTYMILE CANYON: DRAINAGE REVERSAL IN THE EAST MOAT OF THE TIMBER MOUNTAIN CALDERA, BY S.C. LUNDSTROM AND R.G. WARREN	09/20/93-12/22/93	ANALYSIS OF THE TIMING OF FORTYMILE CANYON ESTABLISHMENT REPORTED AND FIGURES DESIGNED TO HELP CONVEY TEXT.	D Y P
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV			
*GS940108315142.003	DATA THAT SUPPORTS SURFICIAL GEOLOGIC MAPPING OF THE NORTHERN 1/3 OF THE YUCCA MOUNTAIN REGION DEFINED IN THE STUDY PLAN.	05/01/92-12/22/93	GEOLOGIC MAPPING FOLLOWING TECHNICAL PROCEDURE GP-01,R2, GEOLOGIC MAPPING, INCLUDING AIRPHOTO INTERPRETATION AND FIELD OBSERVATIONS.	A Y P
	ACQN/DEVL LOCATION : 36 48'45"N 116 26'15"W ;36 52'30"N 116 22'30"W 38 52'30"N 116 30'00"W ;36 56'15"N 116 22'30"W			
*GS940108315142.004	PRELIMINARY SURFICIAL DEPOSITS MAP OF THE NORTHEAST 1/4 OF THE BUSTED BUTTE QUADRANGLE, 1:12,000 SCALE, BY S.C. LUNDSTROM, J.R. WESLING AND E.M. TAYLOR	05/01/92-12/22/92	COMPILATION AND ANALYSIS OF SURFICIAL DEPOSIT MAPPING DATA FOR THE NORTHERN 1/3 OF YM REGION, INCLUDING AIRPHOTO INTERPRETATION AND FIELD OBSERVATIONS.	D Y P
	ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940108315142.005	PRELIMINARY SURFICIAL DEPOSITS MAP OF THE SOUTHWEST 1/4 OF THE TOPOPAH SPRING NW QUADRANGLE, BY S.C. LUNDSTROM AND E.M. TAYLOR  ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	05/01/92-12/22/93	COMPILATION AND ANALYSIS OF SURFICIAL DEPOSIT MAPPING DATA FOR THE NORTHERN 1/3 OF YM REGION, INCLUDING AIRPHOTO INTERPRETATION AND FIELD OBSERVATIONS.	D Y P
*GS940108315142.006	PRELIMINARY SURFICIAL DEPOSITS MAP OF THE SOUTHEAST 1/4 OF THE TOPOPAH SPRING NW QUADRANGLE, BY S.C. LUNDSTROM AND E.M. TAYLOR  ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	05/01/92-12/22/93	COMPILATION AND ANALYSIS OF SURFICIAL DEPOSIT MAPPING DATA FOR THE NORTHERN 1/3 OF YM REGION, INCLUDING AIRPHOTO INTERPRETATION AND FIELD OBSERVATIONS.	D Y P
Activity - 8.3.1.5.1.4.3				
**GS931108315143.001	THERMOLUMINESCENCE AGE DATING FOR MIDWAY VALLEY TRENCHES 4, 5A, AND 14D, STAGECOACH ROAD TRENCH 1, AND BUSTED BUTTE WALL 4  ACQN/DEVL LOCATION : TL LAB, USGS, DENVER	11/19/92-11/16/93	NWM-USGS GCP-29,R0, THERMOLUMINESCENCE DATING	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD
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Activity - 8.3.1.5.2.1.1

*GS940208315211.001	EVIDENCE OF PREHISTORIC FLOODING AND THE POTENTIAL FOR FUTURE EXTREME FLOODING AT COYOTE WASH, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY PATRICK A. GLANCY.	10/01/87-08/17/92	FLOOD-HAZARD POTENTIAL WAS EVALUATED BY 1) D N P EXAMINATION OF TRENCHED UNCONSOLIDATED DEPOSITS TO CHARACTERIZE AND CHRONICLE PAST FLOOD EVENTS, 2) APPLICATION OF HYDROLOGIC TECHNIQUES TO ESTIMATE PEAK-FLOOD DISCHARGE AND 3) APPLICATION OF EMPIRICAL TECHNIQUES TO ESTIMATE POTENTIAL MAXIMUM DISCHARGE. RESULTS ARE PRESENTED IN SKETCHES AND TABLES.
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ACQN/DEVL LOCATION : USGS, CARSON CITY, NV

Activity - 8.3.1.5.2.1.3

**GS930108315213.001	CHANNEL GEOMETRY DATA FROM SCIENTIFIC NOTEBOOK SN-0008, COLLECTED BY WAITE OTERKAMP.	05/07/90-06/14/91	DATA COLLECTED USING HP-205T,R1 "SELECTION A Y C OF SITES AND COLLECTION OF DATA FOR CHANNEL GEOMETRY MEASUREMENTS".
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ACQN/DEVL LOCATION :

- T11S R47E,NE/SE/SE OF SECTION 28
- T11S R47E,SE/NE/NW OF SECTION 33
- T11S R47E,SW/NW/NW OF SECTION 34
- T12S R47E,SE/NW/NW OF SECTION 20
- T12S R47E,SE/SE/NW OF SECTION 30
- T12S R50E,NE/NE/SE OF SECTION 10
- T12S R50E,NE/NE/SE OF SECTION 28
- T12S R50E,NE/NE/SW OF SECTION 18
- T12S R50E,NE/NE/SW OF SECTION 28
- T12S R50E,NE/SE/NE OF SECTION 10
- T12S R50E,NW/SW/SW OF SECTION 27
- T12S R50E,SE/SE/NW OF SECTION 15
- T12S R50E,SW/SW/NW OF SECTION 27
- T12S R51E,NE/NW/SW OF SECTION 19
- T12S R51E,NW/NW/NW OF SECTION 34
- T13S R47E,NE/NW/NW OF SECTION 33
- T13S R47E,SW/NE/NE OF SECTION 18
- T13S R50E,NE/NE/SW OF SECTION 07
- T13S R50E,NE/NW/SW OF SECTION 07
- T13S R50E,NE/SW/SW OF SECTION 06
- T13S R50E,NW/NW/SW OF SECTION 25
- T13S R50E,SE/SE/SE OF SECTION 12
- T13S R50E,SW/NW/NW OF SECTION 07
- T13S R50E,SW/SW/SW OF SECTION 07

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
	T13S R51E,NW/NW/NE OF SECTION 07			
	T14S R47E,SE/SE/SW OF SECTION 24			
	T14S R49E,CENTER/SW OF SECTION 13			
	T14S R49E,NW/NW/NE OF SECTION 35			
	T14S R50E,NE/NE/SW OF SECTION 16			
	T15S R47E,CENTER OF SECTION 02			
	T15S R48E,CENTER OF SECTION 19			
	T15S R48E,NE/NE/NW OF SECTION 03			
	T15S R48E,SW/NE/NW OF SECTION 36			
	T15S R49E,NE/NE/SE OF SECTION 16			
	T15S R49E,NE/NE/SE OF SECTION 21			
	T15S R49E,NE/NE/SW OF SECTION 10			
	T15S R49E,NW/NE/NE OF SECTION 31			
	T15S R49E,NW/NW/SE OF SECTION 20			
	T15S R49E,NW/NW/SW OF SECTION 29			
	T15S R49E,SE/SW/SW OF SECTION 20			
	T15S R49E,SW/NE/SE OF SECTION 03			
	T15S R49E,SW/SW/NW OF SECTION 31			
	T15S R50E,NE/NW/SE OF SECTION 05			
	T15S R50E,NE/SW/SE OF SECTION 18			
	T15S R50E,SE/SW/SW OF SECTION 24			
	T15S R50E,SW/SW/SW OF SECTION 19			
	T16S R48E,SE/SE/NE OF SECTION 06			
	T16S R52E,SE/SW/NW OF SECTION 14			
	T21/22S R6E, SW/SW OF SECTION 24			
	T22S R6E,NW/SE/SW OF SECTION 01			
	T24S R06E,NW/SE/SW OF SECTION 18			
	T24S R06E,NW/SE/SW OF SECTION 28			
	T26S R05E,NE/NW/NE OF SECTION 22			
*GS930908315213.021	PHYSICAL WATER PROPERTIES OBTAINED IN FIELD DURING SAMPLING TRIPS FROM 1988 THROUGH 5/2/89. DATA RECORDED ON SAMPLE COLLECTION FORMS.	01/01/88-05/02/89	YMP-USGS TECHNICAL PROCEDURES HP-59,R0, METHOD FOR CALIBRATING DIGITAL THERMOMETERS; HP-23,R0, COLLECTION AND FIELD ANALYSIS OF GROUND-WATER SAMPLES FROM SATURATED ZONE; AND HP-91,R0, COLLECTION AND FIELD ANALYSIS OF SURFACE-WATER SAMPLES	A N P

ACQN/DEVL LOCATION : 35 00'00"N 118 00'00"W ;38 00'00"N 115 00'00"W

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS931208315213.022	PHYSICAL WATER PROPERTIES OBTAINED IN FIELD DURING SAMPLING TRIPS FROM 5/3/89 THROUGH 6/30/93. DATA RECORDED ON SAMPLE COLLECTION FORMS.	05/03/89-06/30/93	YMP-USGS TECHNICAL PROCEDURES HP-59,RO, METHOD FOR CALIBRATING DIGITAL THERMOMETERS; HP-23,RO R2 &R3, COLLECTION AND FIELD ANALYSIS OF GROUND-WATER SAMPLES FROM SATURATED ZONE; AND HP-91,RO R1 R2 &R3, COLLECTION AND FIELD ANALYSIS OF SURFACE-WATER SAMPLES.	A Y P
ACQN/DEVL LOCATION : 35 00'00"N 118 00'00"W ;38 00'00"N 115 00'00"W				
Activity - 8.3.1.5.2.1.4				
**GS921208315214.033	WEATHER DATA FROM KAWICH PEAK WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, AND HUMIDITY.	09/25/91-09/17/92	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-97,R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168,RO, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; AND HP-170,R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A Y C
ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W				
**GS921208315214.034	WEATHER DATA FROM KAWICH BASE WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED, AND WIND DIRECTION.	09/25/91-09/17/92	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-97,R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168,RO, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170,R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE; AND HP-198,R1, MEASUREMENT OF WIND SPEED AND WIND DIRECTION USING THE 05103 R.M. YOUNG WIND METER.	A Y C
ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS921208315214.035	WEATHER DATA FROM VEG SPRING WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, AND HUMIDITY.	09/24/91-09/16/92	DATA WERE ACQUIRED USING THE FOLLOWING HPS: HP-97,R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; AND HP-170,R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A Y C
	ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W			
**GS921208315214.036	WEATHER DATA FROM STEWART CREEK WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED, AND WIND DIRECTION.	09/24/91-09/16/92	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-97,R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170,R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE; AND HP-198,R1, MEASUREMENT OF WIND SPEED AND WIND DIRECTION USING THE 05103 R.M. YOUNG WIND MONITOR.	A Y C
	ACQN/DEVL LOCATION : 38 53'18"N 117 21'36"W			
**GS930808315214.016	FIELD NOTES FOR THE ANALOG RECHARGE PROJECT FROM NOVEMBER 1989 TO APRIL 1992.	11/07/89-04/27/92	DATA ACQUIRED USING THE FOLLOWING HPS: HP-16,R3, COLLECTION OF ATM PRECIP SAMPLES FOR H-2 AND O-18 ANALYSIS; HP-54,R0 AND R1, WATER-FLOW MMT USING WEIRS, FLUMES, AND BARRELS; HP-57, R1, USING WATER-LEVEL RECORDERS; HP-91,R2 AND R3, COLLECTION AND ANALYSIS OF SURFACE-WATER SAMPLES; HP-97, R0 AND R1, MMT OF TEMP AND RH USING A CSI 207 PROBE; HP-165,R0, MEASURING SNOW WATER CONTENT; HP-166,R0 AND R1, STREAM DISCHARGE MMT USING A PYGMY CURRENT METER; HP-167,R0, PRECIP MMT USING A BELFORT WEIGHING RAIN GAGE; HP-168,R0, MMT OF	A Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
			ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170,R0 AND R1, MEASURING TEMP USING A CSI 107 PROBE; HP-171,R0 AND R1, LOW TENSION VADOSE MOISTURE SAMPLING; HP-172, R0, WATER LEVEL MMT USING A TEN-TURN POT; HP-184,R0 AND R1, COLLECTION OF ATM PRECIP SAMPLES FOR CHEMICAL ANALYSIS; AND HP-198, R0, R0-MOD 1, AND R1, MMT OF WIND SPEED AND DIRECTION USING A RM YOUNG WIND MONITOR.	
		ACQN/DEVL LOCATION : 37 57'19"N 117 21'37"W ;38 53'23"N 116 25'23"W		
**GS930908315214.017	WEATHER DATA FROM KAWICH BASE WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED, AND WIND DIRECTION FOR SEPTEMBER, 1992.	09/17/92-09/30/92	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-97, R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168, R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170, R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE; AND HP-198, R1, MEASUREMENT OF WIND SPEED AND WIND DIRECTION USING THE 05103 R.M. YOUNG WIND METER.	A Y C
		ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W		
**GS930908315214.018	WEATHER DATA FROM KAWICH PEAK WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, AND HUMIDITY FOR SEPTEMBER, 1992.	09/17/92-09/30/92	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-97, R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168, R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; AND HP-170, R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE.	A Y C
		ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W		

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F I Y P E	Q U A L I T Y P E D
**GS930908315214.019	WEATHER DATA FROM STEWART CREEK WEATHER STATION INCLUDING AIR TEMPERATURE, SOIL TEMPERATURE, SOLAR RADIATION, HUMIDITY, WIND SPEED, AND WIND DIRECTION FOR SEPTEMBER, 1992.	09/16/92-09/30/92	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-97, R1, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168, R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170, R1, METHOD FOR MEASURING TEMPERATURE USING A CAMPBELL SCIENTIFIC, INC., 107 TEMPERATURE PROBE; AND HP-198, R1, MEASUREMENT OF WIND SPEED AND WIND DIRECTION USING THE 05103 R.M. YOUNG WIND METER.	A	Y C
	ACQN/DEVL LOCATION : 38 53'18"N 117 21'36"W				
**GS930908315214.025	PRECIPITATION DATA FROM KAWICH BASE WEATHER STATION FROM SEPTEMBER, 1991, TO DECEMBER, 1992.	09/25/91-12/03/92	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURE: HP-167, R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	Y C
	ACQN/DEVL LOCATION : 37 57'37"N 116 25'23"W				
**GS930908315214.026	PRECIPITATION DATA FROM KAWICH PEAK WEATHER STATION FROM SEPTEMBER, 1991, TO FEBRUARY, 1993.	09/25/91-02/03/93	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURE: HP-167, R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A	Y C
	ACQN/DEVL LOCATION : 37 57'19"N 116 27'00"W				

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**GS930908315214.027	PRECIPITATION DATA FROM STEWART BASE WEATHER STATION FROM SEPTEMBER, 1991, TO FEBRUARY, 1993.	09/24/91-02/02/93	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURE: HP-167, R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A Y C
	ACQN/DEVL LOCATION : 38 53'18"N 117 21'37"W			
**GS930908315214.028	PRECIPITATION DATA FROM VEG SPRING WEATHER STATION FROM SEPTEMBER, 1991, TO FEBRUARY, 1993.	09/24/91-02/02/93	DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURE: HP-167, R0, PRECIPITATION MEASUREMENT USING A BELFORT WEIGHING RAIN GAGE.	A Y C
	ACQN/DEVL LOCATION : 38 53'04"N 117 21'13"W			
**GS931008315214.031	FIELD NOTES FOR THE ANALOG RECHARGE PROJECT FROM JUNE, 1992, TO SEPTEMBER, 1992.	06/09/92-09/30/92	DATA ACQUIRED USING THE FOLLOWING PROCEDURES: HP-16,R3, COLLECTION OF ATM PRECIP SAMPLES FOR H-2 AND O-18 ANALYSIS; HP-54,R1, WATER-FLOW MMT USING WEIRS, FLUMES, AND BARRELS; HP-57,R1, USING WATER-LEVEL RECORDERS; HP-91,R3, COLLECTION AND ANALYSIS OF SURFACE-WATER SAMPLES; HP-97,R1, MMT OF TEMP AND RH USING A CSI 207 PROBE; HP-165,R0, MEASURING SNOW WATER CONTENT; HP-166,R1, STREAM DISCHARGE MEASUREMENT USING A PYGMY CURRENT METER; HP-167,R0, PRECIP MMT USING A BELFORT WEIGHING RAIN GAGE; HP-168,R0, MMT OF ENERGY FLUX DENSITY BY A PYRANOMETER; HP-170,R1, MEASURING TEMP USING A CSI 107 PROBE; HP-171,R1, LOW TENSION VADOSE MOISTURE SAMPLING; HP-172, R0, WATER LEVEL MMT USING A TEN-TURN POT; HP-184,R1, COLLECTION OF ATM PRECIP SAMPLES FOR CHEMICAL ANALYSIS; AND HP-198, R1, MMT OF WIND SPEED AND DIRECTION USING AN RM YOUNG WIND MONITOR.	A Y C
	ACQN/DEVL LOCATION : 37 57'19"N 117 21'37"W ; 38 53'23"N 116 25'23"W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*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	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 P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*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,R0, 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			
*GS940308315214.002	ESTIMATES OF GROUND-WATER RECHARGE RATES FOR TWO SMALL BASINS IN CENTRAL NEVADA, BY ROBERT W. LICHTY AND PATRICK W. MCKINLEY.	10/01/93-03/31/94	DATA WERE DEVELOPED USING THE PRECIPITATION-RUNOFF MODELING SYSTEM (PRMS) AND THE CHLORIDE-ION MODEL (CHLORO) MODELING SOFTWARE.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.5.2.1.5				
**GS920708315215.027	87SR/86SR RATIOS IN SAMPLES FROM YUCCA MOUNTAIN VICINITY  ACQN/DEVL LOCATION : USGS, DENVER, CO	07/01/92-07/27/92	NWM-USGS GCP-12,R3, RB-SR ISOTOPE GEOCHEMISTRY.	D N C
**GS930108315215.003	URANIUM, THORIUM AND LEAD ANALYSIS OF CALCITE- SILICA SAMPLES FROM BARE MTN., STRIPED HILLS, YUCCA MTN. DRILL CORES  ACQN/DEVL LOCATION : USGS, DENVER	04/06/92-10/02/92	USGS TECHNICAL PROCEDURE NWM-USGS-GCP-13, R2, URANIUM, THORIUM, AND LEAD ISOTOPE GEOCHEMISTRY	A Y C
**GS930108315215.004	LEAD ISOTOPIC COMPOSITION OF PALEOZOIC AND LATE PROTEROZOIC CARBONATE ROCKS IN THE VICINITY OF YUCCA MOUNTAIN, NV, BY R.E. ZARTMAN AND L.M. KWAK.  ACQN/DEVL LOCATION : USGS, DENVER	10/01/92-12/08/92	THIS REPORT WAS DEVELOPED TO ASSIST IN DETERMINING WHETHER SECONDARY CARBONATE-BEARING COMPOUNDS, SUCH AS FOUND UBIQUITOUSLY IN CALCRETES AND SHALLOW VEIN DEPOSITS, HAVE BEEN INTRODUCED INTO THE SURFACE AND NEAR SURFACE ENVIRONMENT ENTIRELY BY PEDOGENIC PROCESSES OR, IN PART, BY THE UPWARD MOVEMENT OF THE HYDROTHERMAL FLUIDS.	D Y C
**GS930108315215.005	U AND SR IN GROUNDWATER AND CALCITE, YUCCA MOUNTAIN, NEVADA: EVIDENCE AGAINST UPWELLING WATER, BY J.S. STUCKLESS, Z.E. PETERMAN & D.R. MUHS.  ACQN/DEVL LOCATION : USGS, DENVER, CO	10/01/90-02/01/91	SR AND U ISOTOPIC COMPOSITIONS OF HYDROGENIC MATERIALS WERE USED TO TEST WHETHER THE DEPOSITS IN FAULT ZONES AT YUCCA MOUNTAIN COULD HAVE FORMED FROM UPWELLING OF DEEP-SEATED WATERS.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS930108315215.008	PRELIMINARY STUDY OF LEAD ISOTOPES IN THE CARBONATE-SILICA VEINS OF TRENCH 14, YUCCA MOUNTAIN, BY R.E. ZARTMAN AND L.M. KWAK	09/01/89-05/31/91	ANALYSIS OF SOURCE MATERIALS THAT HAVE CONTRIBUTED TO THE TRENCH-14 CARBONATE-SILICATE VEINS BASED ON A LEAD ISOTOPE CHARACTERIZATION OF THE VEIN & OTHER ROCKS FROM WHICH THE LEAD MAY HAVE BEEN DERIVED.	D Y C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS930108315215.010	AGES AND STABLE-ISOTOPE COMPOSITIONS OF SECONDARY CALCITE AND OPAL IN DRILL CORES FROM TERTIARY VOLCANIC ROCKS OF THE YUCCA MOUNTAIN AREA, NEVADA, BY B.J. SZABO AND T.K. KYSER.	04/01/87-05/23/89	AGES OF CALCITE, FREE OF ACID-INSOLUBLE RESIDUE, AND OF OPAL SAMPLES ARE CALCULATED FROM THEIR MEASURED 230TH/234U ACTIVITY RATIOS USING STANDARD RADIOACTIVE GROWTH AND DECAY EQUATIONS ASSUMING THAT THE AUTHIGENIC CALCITE AND OPAL HAD REMAINED IDEAL CLOSED SYSTEMS WITH RESPECT TO ISOTOPES OF U AND TH SINCE THEIR FORMATION. THE DATES FOR IMPURE CALCITE SAMPLES WERE CALCULATED USING THE RESULTS FOR THE ACID-SOLUBLE AND ACID INSOLUBLE FRACTIONS IN A PSEUDO-ISOCRON-PLOT METHOD DESCRIBED BY SZABO AND OTHERS (1981) AND SZABO AND ROSHOLT (1982).	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS930308315215.015	WATER TABLE DECLINE IN THE SOUTH-CENTRAL GREAT BASIN DURING THE QUATERNARY: IMPLICATIONS FOR TOXIC WASTE DISPOSAL, BY I.J. WINOGRAD AND B.J. SZABO	01/01/85-12/31/85	DATA FROM WATER TABLE ALTITUDES AND EXTRAPOLATION OF GROWTH RATE, BASED ON URANIUM-SERIES DATING, WERE USED TO DEVELOP CONCLUSIONS REGARDING THE CLIMATIC FLUCTUATIONS AND CHANGES IN HYDROGEOLOGIC AND TECTONIC CONDITIONS DURING THE QUATERNARY PERIOD.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS930408315215.017	FIELD LOGS OF THE NORTH AND SOUTH WALLS EXPOSED IN TRENCH 14 ON THE BOW RIDGE FAULT AT EXILE HILL, NYE COUNTY, NEVADA.	08/01/84-12/31/85	TRENCH 14 WALLS WERE MAPPED BY PLACING ONE-METER GRIDS OVER THE TRENCH WALLS. DATA POINTS WERE MEASURED OFF THE GRID AND DRAWN ON GRID PAPER AT A SCALE OF 1" = 1 METER AND 2" = 2 METERS.	A N P
	ACQN/DEVL LOCATION : TRENCH 14, NTS			
*GS930408315215.018	FRACTURE ORIENTATIONS IN BEDROCK AND ALLUVIUM, NORTH AND SOUTH WALLS OF TRENCH 14.	10/01/84-10/01/84	FAULT ORIENTATIONS MEASURED WITH A BRUNTON COMPASS.	A N P
	ACQN/DEVL LOCATION : NORTH AND SOUTH WALLS, TRENCH 14, NTS			
*GS930408315215.019	FIELD LOG OF THE SOUTH WALL OF TRENCH 14D, EXILE HILL, NEVADA.	07/20/90-07/22/90	TRENCH WALL WAS MAPPED BY PLACING A ONE METER GRID OVER THE TRENCH WALL. DATA POINTS WERE MEASURED OFF THE GRID AND DRAWN ON GRID PAPER AT A SCALE OF 2" = 1 METER.	A Y P
	ACQN/DEVL LOCATION : TRENCH 14D, NTS			
*GS930408315215.020	FIELD DESCRIPTION OF A CHARACTERISTIC SOIL EXPOSED IN THE SLOPE-WASH ALLUVIUM AT TRENCH 14.	09/01/84-09/01/84	DESCRIBE SOIL IN THE FIELD USING STANDARD SOIL DESCRIPTION TECHNIQUES AND NOMENCLATURE.	A N P
	ACQN/DEVL LOCATION : TRENCH 14, NTS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D U L I A O F L C I A T F T Y I I P E O E D N
*GS930408315215.021	SELECTED GRAIN-SIZE DATA, BULK DENSITY, AND CALCIUM CARBONATE CONTENT FROM A CHARACTERISTIC SOIL EXPOSED IN THE SLOPE-WASH ALLUVIUM IN TRENCH 14, EXILE HILL, NEVADA.  ACQN/DEVL LOCATION : USGS CENTRAL REGIONAL GEOLOGY LAB, DENVER, CO USGS, DENVER, CO	02/01/86-03/31/86	STANDARD LABORATORY ANALYSIS - CENTRAL REGION GEOLOGY SEDIMENTOLOGY LAB, CO.	A N P
*GS930408315215.022	X-RAY DIFFRACTION TRACE OF OPALINE SILICA FROM TRENCH 14.  ACQN/DEVL LOCATION : USGS CENTRAL REGIONAL GEOLOGY LAB, DENVER, CO	12/01/84-12/31/84	MINIFRAX X-RAY DIFFRACTOMETER.	A N P
*GS930408315215.023	DOMINANT PHYSICAL CHARACTERISTICS AND PERCENTAGES OF CALCIUM CARBONATE IN THE DEPOSITS EXPOSED IN TRENCH 14D.  ACQN/DEVL LOCATION : TRENCH 14D, NTS USGS, DENVER, CO	08/01/90-09/01/90	PHYSICAL CHARACTERISTICS DETERMINED USING STANDARD SOIL DESCRIPTIONS IN THE FIELD AT TRENCH 14D. PERCENT OF CALCIUM CARBONATE AND PARTICLE SIZE DISTRIBUTION DETERMINED AT THE CENTRAL REGION GEOLOGY SEDIMENTOLOGY LAB.	A Y P
*GS930408315215.024	LITHOLOGY, FAULT DISPLACEMENT, AND ORIGIN OF SECONDARY CALCIUM CARBONATE AND OPALINE SILICA AT TRENCHES 14 AND 14D ON THE BOW RIDGE FAULT AT EXILE HILL, NYE COUNTY, NEVADA, BY E.M. TAYLOR AND H.E. HUCKINS.  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/88-12/01/90	RAW PHYSICAL, CHEMICAL, MINERALOGIC, BIOLOGIC, PETROGRAPHIC AND ISOTOPIC DATA WERE ANALYZED TO DETERMINE THE GENERAL PROPERTIES THAT ARE CHARACTERISTIC OF PEOGENIC DEPOSITS. THE GOAL WAS TO DETERMINE THE ORIGIN OF THE CALCIUM CARBONATE AND OPALINE SILICA IN VEINS AND ALLUVIUM AT TRENCH 14.	D N P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*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 P
	ACQN/DEVL LOCATION : SOLID MASS SPECTROMETER BAY, USGS, DENVER, CO			
**GS931108315215.034	CARBON 14 AGES FROM DRILL HOLES USW G-1, G-2, GU-3, AND G-4, APRIL 92 - JAN. 93.	04/01/92-01/31/93	DATA WERE ACQUIRED BY DR. T. STAFFORD OF THE UNIVERSITY OF COLORADO. CARBONATE CARBON WAS EXTRACTED BY STANDARD 14C PROCEDURES AND THE 14C CONTENT WAS DETERMINED BY AMS AT LAWRENCE LIVERMORE NATIONAL LABORATORIES.	A N C
	ACQN/DEVL LOCATION : LLNL, LIVERMORE, CA UNIV. OF COLORADO, BOULDER, CO			
**GS931208315215.036	STABLE ISOTOPE COMPOSITION OF SOIL CO <sub>2</sub> , MARCH 93 - SEPT. 93.	03/01/93-09/30/93	NWM-USGS GCP-33,R0, EXTRACTION OF SOIL GAS CO <sub>2</sub> FOR STABLE ISOTOPE ANALYSIS AND GCP-16,R3, CARBONATE CARBON AND OXYGEN STABLE ISOTOPE ANALYSES.	A Y C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS931208315215.037	ISOTOPIC STUDIES OF YUCCA MOUNTAIN SOIL FLUIDS AND CARBONATE PEOGENESIS, BY T. MCCONNAUGHEY, K. WICKLAND, AND J. WHELAN.	09/01/93-12/17/93	STUDY OF ISOTOPIC COMPOSITIONS OF SECONDARY MINERALS PRECIPITATED FROM FLUIDS PERCOLATING THROUGH SOILS, FRACTURES, AND FAULTS, AND ORGANISMS LIVING IN THOSE FLUIDS, TO INFER THE ISOTOPIC COMPOSITIONS OF THE PARENT FLUIDS. TO INCREASE ACCURACY OF THIS PROCESS ISOTOPIC COMPOSITIONS OF MODERN SOIL FLUIDS ARE COMPARED, WHERE POSSIBLE, WITH MODERN CARBONATE PRECIPITATES.	D Y P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940108315215.001	PALEOCLIMATIC AND PALEOHYDROLOGIC RECORDS FROM SECONDARY CALCITE, YUCCA MOUNTAIN, NEVADA, BY J.F. WHELAN, D.T. VANIMAN, J.S. STUCKLESS, AND R.M. MOSCATI.	09/24/93-12/29/93	ANALYSIS OF SECONDARY CALCITE THROUGH STABLE ISOTOPE ANALYSES OF CALCITE AND OPAL, FLUID INCLUSION FORMATION CONDITIONS AND GAS COMPOSITIONS, SR ISOTOPE RATIOS, AND REE COMPOSITIONS TO SUGGEST PALEOCLIMATIC AND PALEOHYDROLOGIC RECORDS.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS940108315215.002	FLUID INCLUSION STUDIES OF CALCITE VEINS FROM YUCCA MOUNTAIN, NEVADA, TUFFS: ENVIRONMENT OF FORMATION, BY E. ROEDDER, J.F. WHELAN, AND D.T. VANIMAN.	08/24/93-12/30/93	THE CRUSHING TEST PROVIDES A QUALITATIVE ESTIMATE OF THE GAS PRESSURE WITHIN A VAPOR INCLUSION AT THE TIMES OF CRUSHING. OPTICAL MEASUREMENTS ARE MADE TO ESTABLISH THE APPROXIMATE VOLUME OF THE INCLUSION BEFORE CRUSHING AND THE VOLUME PERCENT OF THE ORIGINAL VOLUME. THE VOLUME DECREASE IS A FUNCTION OF VAPOR PRESSURE OF WATER IN THE VAPOR PHASE AT THE TIME OF TRAPPING (AND HENCE, THE TEMPERATURE OF TRAPPING).	D Y P
	ACQN/DEVL LOCATION : HARVARD UNIV., CAMBRIDGE, MA			
*GS940108315215.003	U-TH ISOTOPIC DATA FOR U-SERIES DISEQUILIBRIUM DATA FROM CARBONATES ASSOCIATED WITH EARLY HOLOCENE TO LATE PLEISTOCENE GROUND-WATER DISCHARGE AT PAHRUMP AND DEATH VALLEY. DATA INCLUDE SAMPLE AND SPIKE WEIGHTS, AND CUMULATIVE ALPHA DECAY COUNTS FOR EACH OF THE ISOTOPES OF INTEREST (238U, 236U, 234U, 232TH, 230TH, 229TH) AS WELL AS CALCULATED U AND TH CONCENTRATIONS, ACTIVITY RATIOS, AND CORRELATION COEFFICIENTS.	10/23/92-12/15/93	YMP-USGS GCP-03,R2, U-SERIES DATING	A Y C
	ACQN/DEVL LOCATION : USGS U-SERIES LABS, DENVER, CO			

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*GS940108315215.004	STRONTIUM ISOTOPE GEOCHEMISTRY OF SOIL AND PLAYA DEPOSITS NEAR YUCCA MOUNTAIN, NEVADA, BY B.D. MARSHALL AND S.A. MAHAN  ACQN/DEVL LOCATION : USGS, DENVER, CO	09/01/93-01/27/94	INTERPRETATION OF LAND DEVELOPMENT OF MODEL BASED ON SOURCE DATA	D N P
*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  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/90-08/30/90	SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED WORK.	D N C
*GS940308315215.006	URANIUM, THORIUM, AND LEAD ANALYSES OF CALCITE-SILICA DRILL CORES USW G-1, G-2, G-3 AND G-4 AND WATER SAMPLES FROM YUCCA MOUNTAIN VICINITY.  ACQN/DEVL LOCATION : USGS, DENVER, CO	09/01/92-12/14/93	TECHNICAL PROCEDURE NWM-USGS GCP-13,R2, URANIUM, THORIUM, AND LEAD ISOTOPE GEOCHEMISTRY.	A Y P
Activity - 8.3.1.6.1.1.3				
**GS930408318512.005	TECTONICS, SEISMICITY, VOLCANISM AND EROSION RATES IN THE SOUTHERN GREAT BASIN, BY W.J. CARR AND A.M. ROGERS -- FY 1980 REPORT.  ACQN/DEVL LOCATION : USGS, DENVER, CO.	01/01/81-05/01/82	SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM TECTONIC, SEISMIC, VOLCANIC, EROSION AND DEPOSITION STUDIES.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.8.5.1.2				
**GS930408318512.005	TECTONICS, SEISMICITY, VOLCANISM AND EROSION RATES IN THE SOUTHERN GREAT BASIN, BY W.J. CARR AND A.M. ROGERS -- FY 1980 REPORT.  ACQN/DEVL LOCATION : USGS, DENVER, CO.	01/01/81-05/01/82	SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM TECTONIC, SEISMIC, VOLCANIC, EROSION AND DEPOSITION STUDIES.	D N C
Activity - 8.3.1.8.5.2.3				
**GS931008318512.009	40AR/39AR AGE OF THE LATHROP WELLS VOLCANIC CENTER, YUCCA MOUNTAIN, NEVADA, BY BRENT D. TURRIN, DUANE CHAMPION, AND ROBERT J. FLECK  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/88-10/31/89	PALEOMAGNETIC AND 40AR/39AR ANALYSES WERE USED TO PRODUCE ISOCHRON AND INVERSE-ISOCHRON PLOTS AND IDEOGRAMS SHOWING INTEGRATED PROBABILITY DISTRIBUTION OF 40AR/39AR.	D N C
**GS930208318523.001	TEMPERATURE, THERMAL CONDUCTIVITY, AND HEAT FLOW NEAR YUCCA MOUNTAIN, NEVADA: SOME TECTONIC AND HYDROLOGIC IMPLICATIONS, BY J.H. SASS, A.H. LACHENBRUCH, W.W. DUDLEY, JR., S.S. PRIEST, AND R.J. MUNROE.	01/01/87-12/01/87	HEAT FLOW ESTIMATES BY 1) LEAST-SQS. GRADIENT X HARMONIC MEAN OF MEASURED CONDUCTIVITIES OVER SAME INTERVAL, 2) LEAST-SQS. GRADIENT X CONDUCTIVITY CALCULATED FROM FORMATION MEANS, AND 3) LEAST-SQS. GRADIENT X HARMONIC MEAN OF CONDUCTIVITIES INFERRED FROM K VS. VP RELATION. TEMP. MEASUREMENTS IN AIR BY 1) SASS, J.H. & OTHERS, 1971, HEAT FLOW IN THE WESTERN U.S.: JNL. OF GEOPHYSICAL RESEARCH, V.76, P.6376-6413, AND 2) TECH. PROCEDURE NWM USGS GPP-02, R0, HEAT-FLOW STUDIES RELATED TO NUCLEAR WASTE STORAGE INVESTIGATIONS. THERMAL CONDUCTIVITY BY 1) SASS, J.H. & OTHERS, 1984, LABORATORY LINE-SOURCE METHODS FOR THE MEASUREMENT OF TH. CONDUCT. OF ROCKS NEAR ROOM TEMP.: USGS OFR 84-91, AND 2) SASS & OTHERS, 1971, OP.CIT. 3) SASS, J.H. & OTHERS, 1980, ANALYSIS OF THERMAL DATA FROM DRILL HOLES UE25A-3 AND UE25A-1, CALICO HILLS & YM, NTS: USGS OFR 80-826 AND 4) NWM USGS GPP-05, R1 HEAT-FLOW STUDIES CALIBRATION PROCEDURES	D N T

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	ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, FLAGSTAFF, AZ USGS, MENLO PARK, CA			
	Activity - 8.3.1.9.2.1.1			
*GS940108319211.001	ISOTOPIC TRACERS OF GOLD DEPOSITION IN PALEOZOIC LIMESTONES OF SOUTHERN NEVADA, BY Z.E. PETERMAN, B.L. WIDMANN, B.D. MARSHALL, J.D. ALEINKOFF, K. FUTA AND S.A. MAHAN	09/01/93-01/27/94	PRESENTATION OF SR ISOTOPE DATA AND PRELIMINARY CONCLUSIONS REGARDING EFFECTS OF HYDROTHERMAL ALTERATIONS ON SR ISOTOPE COMPOSITIONS.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
	Activity - 8.3.1.9.2.1.4			
*GS931208319214.001	THERMAL AND PETROLEUM GENERATION HISTORY IN THE ELEANA FORMATION AND TERTIARY SOURCE ROCKS, YUCCA MOUNTAIN AREA, SOUTHERN NYE COUNTY, NEVADA, BY CHARLIE BARKER.	07/01/93-11/08/93	WELL SAMPLES COLLECTED FROM THE USGS CORE LIBRARY (NOT YMP) WERE ANALYZED FOR ORGANIC GEOCHEMICAL AND GEOLOGIC ASSESSMENT, THERMAL MATURATION MEASUREMENTS, AND THERMAL HISTORY RECONSTRUCTION TO EVALUATE PETROLEUM POTENTIAL.	D N P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.14.2.1.2				
*GS930383114212.002	DRAFT LOGS PREPARED FROM ACCESS ROAD, GROUND SURFACE FACILITIES, GENERAL TEST PIT LOCATION YMP NORTH PORTAL	09/15/92-09/19/92	THESE DATA WERE COLLECTED PER TECHNICAL PROCEDURE EGP-5005-86,R2, DETERMINING UNIFIED SOIL CLASSIFICATION (VISUAL METHOD)	A Y P
	ACQN/DEVL LOCATION : NRG-1			
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	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 - 8.3.1.14.2.2.1				
**SNL02030193001.012	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, & UNCONFINED STRENGTH) FOR DRILLHOLE UE25 NRG-5 SAMPLES FROM DEPTH 847.2 FT. TO 896.5 FT.	08/13/93-11/30/93	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 D2845-90: "LABORATORY DETERMINATION OF PULSE VELOCITIES AND ULTRASONIC CONSTANTS OF ROCK."	A Y C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT			
**SNL02030193001.013	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, UNCONFINED STRENGTH, TENSILE STRENGTH, & POROSITY) FOR DRILLHOLE UE25 NRG-2B SAMPLES FROM DEPTH 2.7 FT. TO 87.6 FT.	09/23/93-11/30/93	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.", & ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y C

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ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT

Activity - 8.3.1.14.2.2.2

*SNF29041993002.010	SCHMIDT HAMMER TEST DATA FROM NRG DRILLHOLES CORE.	10/01/93-12/01/93	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 C
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ACQN/DEVL LOCATION : SAIC & JFT AGAPITO

**SNL02030193001.012	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, & UNCONFINED STRENGTH) FOR DRILLHOLE UE25 NRG-5 SAMPLES FROM DEPTH 847.2 FT. TO 896.5 FT.	08/13/93-11/30/93	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 D2845-90: "LABORATORY DETERMINATION OF PULSE VELOCITIES AND ULTRASONIC CONSTANTS OF ROCK."	A Y C
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ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT

## SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**SNL02030193001.013	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, UNCONFINED STRENGTH, TENSILE STRENGTH, & POROSITY) FOR DRILLHOLE UE25 NRG-2B SAMPLES FROM DEPTH 2.7 FT. TO 87.6 FT.	09/23/93-11/30/93	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.", & ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT			
	Activity - 8.3.1.14.2.3			
*SNF29041993002.011	YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT ESTIMATED ROCK MASS QUALITY INDICES BASED ON CORE LOG DATA HOLES UE25 NRG-1, -2, -2A, -3, -4, -5, AND USW NRG-6.	11/01/93-12/16/93	Q AND RMR ESTIMATED USING ROCK STRUCTURAL DATA SUMMARIES DEVELOPED FROM STRUCTURAL LOGGING OF CORE (TDIF NO. 302241), 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			
*SNF29041993002.012	YUCCA MOUNTAIN SITE CHARACTERIZATION ROCK MASS MECHANICAL PROPERTIES ESTIMATES BOREHOLES NRG-1, -2, -2A, -3, -4, -5, AND USW NRG-6.	11/01/93-12/16/93	BASED ON STRUCTURAL CORE LOGS FOR NRG HOLES AND MECHANICAL LABORATORY TEST RESULTS.	D Y C
	ACQN/DEVL LOCATION : J. F. T. AGAPITO			

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Activity - 8.3.1.14.2.3.3				
*GS930283114233.001	RESISTIVITY DATA FOR THE YMP NORTH PORTAL	05/28/92-06/04/92	THESE DATA WERE COLLECTED PER TECHNICAL PROCEDURE USBR GPP-01,R0, ELECTRICAL RESISTIVITY MEASUREMENT USING THE ABEM TERRAMETER SAS SYSTEM, EXCEPT AS NOTED IN COMMENTS.	A Y C
	ACQN/DEVL LOCATION : UE-25 NRG-1			
Activity - 8.3.1.15.1.3.1				
*SNL02030193001.014	MECHANICAL PROPERTIES DATA (GRAIN DENSITY, POROSITY, UNCONFINED STRENGTH, ELASTIC PROPERTIES, & INDIRECT TENSILE STRENGTH) FOR DRILLHOLE UE25 NRG-4 SAMPLES FROM DEPTH 378.1 FT. TO 695.8 FT.	10/01/93-01/27/94	STANDARD LABORATORY ROCK MECHANICS PROCEDURES AS PER TP-219: "UNCONFINED COMPRESSION EXPERIMENTS AT 22 DEGREES C AND A STRAIN RATE OF 10-E 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.", & ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y C
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT			
*SNL02030193001.015	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, TRIAXIAL STRENGTH, DRY BULK DENSITY, & POROSITY) FOR DRILLHOLE UE25 NRG-4 SAMPLES FROM DEPTH 527.0 FT.	10/01/93-02/16/94	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			

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*SNL02030193001.016	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, & UNCONFINED STRENGTH) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 18.0 FT TO 472.9 FT.	01/13/94-03/16/94	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 P
	ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT			
**SNSAND80145300.000	SAND80-1453: "ROCK MECHANICS PROPERTIES OF VOLCANIC TUFFS FROM THE NEVADA TEST SITE." NNA.870406.0497	11/01/78-07/01/80	UNIAXIAL AND TRIAXIAL COMPRESSION TEST AT CONSTANT STRAIN-RATE WERE RUN ON SAMPLES OF VOLCANIC TUFF FROM HOLE UE25A#1 AND G-TUNNEL, BOTH LOCATED ON THE NEVADA TEST SITE. TESTING IS ACCOMPLISHED IN A 1.8 GN ULTRA-STIFF, ELECTRO-HYDRAULIC, SERVO-CONTROLLED COMPRESSION TESTING MACHINE. RAM DISPLACEMENT IS USED AS THE PROGRAMMED FEEDBACK VARIABLE. (FOR MORE DETAIL SEE SAND80-1453)	D N T
	ACQN/DEVL LOCATION : SNL			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.15.1.3.2				
*SNL02030193001.014	MECHANICAL PROPERTIES DATA (GRAIN DENSITY, POROSITY, UNCONFINED STRENGTH, ELASTIC PROPERTIES, & INDIRECT TENSILE STRENGTH) FOR DRILLHOLE UE25 NRG-4 SAMPLES FROM DEPTH 378.1 FT. TO 695.8 FT.	10/01/93-01/27/94	STANDARD LABORATORY ROCK MECHANICS PROCEDURES AS PER TP-219: "UNCONFINED COMPRESSION EXPERIMENTS AT 22 DEGREES C AND A STRAIN RATE OF 10-E 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.", & ASTM STM D854-92: "TEST METHOD FOR SPECIFIC GRAVITY OF SOILS."	A Y C
ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT				
*SNL02030193001.015	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, TRIAXIAL STRENGTH, DRY BULK DENSITY, & POROSITY) FOR DRILLHOLE UE25 NRG-4 SAMPLES FROM DEPTH 527.0 FT.	10/01/93-02/16/94	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				
*SNL02030193001.016	MECHANICAL PROPERTIES DATA (ULTRASONIC VELOCITIES, STATIC ELASTIC PROPERTIES, & UNCONFINED STRENGTH) FOR DRILLHOLE USW NRG-7/7A SAMPLES FROM DEPTH 18.0 FT TO 472.9 FT.	01/13/94-03/16/94	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 P
ACQN/DEVL LOCATION : NER, INC., WHITE RIVER JUNCTION, VERMONT				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F I T Y P E E	Q U A L I T Y I P E D
Activity - 8.3.1.15.1.4.1					
**SNSAND80145300.000	SAND80-1453: "ROCK MECHANICS PROPERTIES OF VOLCANIC TUFFS FROM THE NEVADA TEST SITE." NNA.870406.0497	11/01/78-07/01/80	UNIAXIAL AND TRIAXIAL COMPRESSION TEST AT CONSTANT STRAIN-RATE WERE RUN ON SAMPLES OF VOLCANIC TUFF FROM HOLE UE25A#1 AND G-TUNNEL, BOTH LOCATED ON THE NEVADA TEST SITE. TESTING IS ACCOMPLISHED IN A 1.8 GN ULTRA-STIFF, ELECTRO-HYDRAULIC, SERVO-CONTROLLED COMPRESSION TESTING MACHINE. RAM DISPLACEMENT IS USED AS THE PROGRAMMED FEEDBACK VARIABLE. (FOR MORE DETAIL SEE SAND80-1453)	D N T	
ACQN/DEVL LOCATION : SNL					
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 C	
ACQN/DEVL LOCATION : NTS-YUCCA MTN, ALCOVE/NORTH RAMP STARTER TUNNEL					
*SNF28021693001.003	ROCK MASS CLASSIFICATION RESULTS FOR THE ALCOVE/NORTH RAMP STARTER TUNNEL.	12/13/93-12/16/93	REDUCED DATA FROM ENGINEERING ESTIMATES USING THE Q AND RMR METHODS.	D Y C	
ACQN/DEVL LOCATION : NTS-YUCCA MTN, ALCOVE/NORTH RAMP STARTER TUNNEL					

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Activity - 8.3.1.17.2.1.2				
**GS900983117212.001	A SLINGRAM SURVEY AT YUCCA MOUNTAIN ON THE NEVADA TEST SITE, BY VINCENT J. FLANIGAN.	01/01/80-12/31/80	USGS STANDARD COLLECTION METHODS. ELECTROMAGNETIC (EM) DATA PRESENTED IN THIS REPORT IS PART OF A STUDY BY THE USGS AIMED AT EVALUATING THE MIOCENE (?) AND PLIOCENE YUCCA MOUNTAIN MEMBER OF VARIOUS UNITS OF THE PAINTBRUSH TUFF IN THE VICINITY OF YUCCA MOUNTAIN AS A POSSIBLE REPOSITORY FOR NUCLEAR WASTES.	D N C
	ACQN/DEVL LOCATION : USGS, 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 P
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
**GS910583117412.034	543 EARTHQUAKE DEVELOCORDER FILMS. DATES 1/2/89-12/30/89.	01/02/89-01/01/90	SOUTHERN GREAT BASIN SEISMIC NETWORK.	A N P
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			
**GS920483117412.014	SEISMICITY AND FOCAL MECHANISMS FOR THE SOUTHERN GREAT BASIN OF NEVADA AND CALIFORNIA.	02/01/91-07/23/91	METHODS OF ANALYSES ARE FOUND IN PROCEDURES SP-01, SP-04, SP-06, SP-11.	D N T
	ACQN/DEVL LOCATION : USGS			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS920783117412.022	SEISMICITY AND FOCAL MECHANISMS FOR THE SOUTHERN GREAT BASIN OF NEVADA AND CALIFORNIA IN 1991.	02/01/92-06/01/92	METHODS OF ANALYSES AND EXTRAPOLATION ARE AS FOUND IN NWM-USGS TECHNICAL PROCEDURES: SP-01, PRELIMINARY EARTHQUAKE LOCATION PROCEDURE; SP-04, PRELIMINARY EARTHQUAKE MAGNITUDE DETERMINATION PROCEDURE; SP-06, PRELIMINARY DETERMINATION OF EARTHQUAKE FOCAL MECHANISM FROM P-WAVE POLARITIES AND SV/P AMPLITUDES; SP-11, OPERATION AND CALIBRATION OF REMOTE TELEMETERED SEISMIC ARRAY	D Y T
	ACQN/DEVL LOCATION : USGS			
*GS920983117412.032	SEISMICITY AND FOCAL MECHANISMS FOR THE SOUTHERN GREAT BASIN OF NEVADA AND CALIFORNIA: 1987 THROUGH 1989 BY S.C. HARMSSEN AND C.G.BUFE	01/01/90-02/13/91	FOCAL MECHANISMS FROM THIRTY-ONE SGB EARTHQUAKES ARE PRESENTED IN THIS REPORT. PRELIMINARY HYPOCENTER LISTINGS AND SEISMICITY DATA ANALYSIS FROM DATA COLLECTED BY THE SGBSN FOR THE PERIOD AUGUST 1978 THROUGH DECEMBER 1986 ARE PRESENTED IN ROGERS AND OTHERS (1987) AND HARMSSEN AND ROGERS (1987). THIS REPORT IS AN ADDENDUM/UPDATE TO THOSE REPORTS.	D N T
	ACQN/DEVL LOCATION : USGS/BGRA			
*GS930183117412.001	SOUTHERN GREAT BASIN LOCAL EARTHQUAKE ARCHIVE TAPES FOR 6/9/92 THROUGH 9/19/92, NUMBERED L1240B, L1246B	06/29/92-09/19/92 10/22/92-12/16/92	SOUTHERN GREAT BASIN SEISMIC NETWORK	A Y P
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940183117412.001	SEISMIC EVENT WAVEFORMS FOR THE SOUTHERN GREAT BASIN SEISMIC NETWORK: OCTOBER 1, 1992, TO DECEMBER 31, 1992.	10/01/92-12/31/92	PERMANENT NETWORK OF 62 SEISMIC STATIONS WERE RECORDED AT UNRSL USING CUSP RT(GSP0009.01) NWM-USGS SP-11,R3, OPERATION AND CALIBRATION OF REMOTE TELEMETERED SEISMIC ARRAY AND ANALYZED USING TECHNICAL PROCEDURES: NWM-USGS SP-01,R5, EARTHQUAKE LOCATION PROCEDURE, NWM-USGS-SP-04,R3, EARTHQUAKE MAGNITUDE DETERMINATION PROCEDURE.	A Y P
	ACQN/DEVL LOCATION : SOUTHERN GREAT BASIN SEISMIC NETWORK			
*GS940283117412.002	DATA ON THE SEISMOLOGICAL FIELD INVESTIGATIONS OF THE 29 JUNE, 1992, LITTLE SKULL MOUNTAIN EARTHQUAKE	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 P
	ACQN/DEVL LOCATION : WITHIN A 10-KM RADIUS OF EPICENTER COORDINATES: 36 43.1'N 116 16.35'W			
*GS940383117412.003	THE 29 JUNE, 1992, LITTLE SKULL MOUNTAIN EARTHQUAKE AND ITS AFTERSHOCK SEQUENCE, BY K. SMITH, ET AL.	06/29/92-02/28/94	DATA FROM PERMANENT SGBSN SITES, UNR PORTABLE SITES, AND USGS PORTABLE SITES WAS COMBINED TO CHARACTERIZE THE LITTLE SKULL MOUNTAIN SEISMIC ACTIVITY	D Y P
	ACQN/DEVL LOCATION : UNR SEISMOLOGICAL LAB, RENO, NEVADA			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	T D I F Y P E E D N
Activity - 8.3.1.17.4.1.3				
**GS930408318512.005	TECTONICS, SEISMICITY, VOLCANISM AND EROSION RATES IN THE SOUTHERN GREAT BASIN, BY W.J. CARR AND A.M. ROGERS -- FY 1980 REPORT.	01/01/81-05/01/82	SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM TECTONIC, SEISMIC, VOLCANIC, EROSION AND DEPOSITION STUDIES.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO.			
Activity - 8.3.1.17.4.2.1				
*GS930883117421.001	PRELIMINARY TRENCH MAP OF MIDWAY VALLEY TRENCH 4, EAST WALL ACROSS THE PAINTBRUSH CANYON FAULT INCLUDING SOIL DESCRIPTIONS AND UNIT DESCRIPTIONS (FORMERLY TRENCH 17).	07/01/91-08/13/93	GP-07,R1, CONVENTIONAL MAPPING OF TRENCH WALLS AND GP-17,R1, DESCRIBING AND SAMPLING SOILS IN THE FIELD.	A Y C
	ACQN/DEVL LOCATION : MWV-T4			
*GS931183117421.004	SURFICIAL GEOLOGIC MAP OF MIDWAY VALLEY, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY J. WESLING, F. SWAN, T. BULLARD, AND A. THOMAS.	08/01/93-09/30/93	THE SURFICIAL GEOLOGY OF THE MIDWAY VALLEY AREA WAS MAPPED BY DELINEATING MAP UNITS ON AERIAL PHOTOGRAPHS AND EXAMINING THOSE UNITS IN THE FIELD. STEREOSCOPIC PAIRS OF 1:6000-SCALE COLOR AND COLOR-INFRARED AERIAL PHOTOGRAPHS WERE INTERPRETED, AND THE GEOLOGIC CONTACTS WERE TRANSFERRED TO 1:6000-SCALE TOPOGRAPHIC BASE MAPS. FIELD INVESTIGATIONS WERE CONDUCTED TO CHECK THE GEOLOGIC CONTACTS AND TO COLLECT DATA ON THE SURFACE CHARACTERISTICS, SOILS, AND DEPOSITS ASSOCIATED WITH IDENTIFIED MAP UNITS.	D Y P
	ACQN/DEVL LOCATION : GEOMATRIX, SAN FRANCISCO, CA			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.2.2				
*GS930883117421.001	PRELIMINARY TRENCH MAP OF MIDWAY VALLEY TRENCH 4, EAST WALL ACROSS THE PAINTBRUSH CANYON FAULT INCLUDING SOIL DESCRIPTIONS AND UNIT DESCRIPTIONS (FORMERLY TRENCH 17).	07/01/91-08/13/93	GP-07,R1, CONVENTIONAL MAPPING OF TRENCH WALLS AND GP-17,R1, DESCRIBING AND SAMPLING SOILS IN THE FIELD.	A Y C
	ACQN/DEVL LOCATION : MWV-T4			
*GS940183117422.001	PRELIMINARY GEOLOGIC MAP OF EXILE HILL, OCTOBER 1993; LOCATIONS AND ORIENTATION OF BOW RIDGE FAULT, THE NORTHWEST-TRENDING FAULT AND THE CONTACTS BETWEEN CCR, CUC, AND CUL IN THE AREA EAST OF BOREHOLE UE-25 #8	12/01/91-08/31/93	GP-01,R2, GEOLOGIC MAPPING	A Y C
	ACQN/DEVL LOCATION : N762500 (N) E569000 (N) ;N767500 (N) E570500 (N)			
Activity - 8.3.1.17.4.3.1				
**GS900983117431.001	DATA REPORT FOR THE 1985 SEISMIC REFRACTION EXPERIMENT AT YUCCA MOUNTAIN AND VICINITY, SOUTHWESTERN NEVADA, BY VICKIE D. SUTTON.	02/01/85-12/31/85	USGS STANDARD METHODS.	D N C
	ACQN/DEVL LOCATION : USGS			
**GS900983117431.003	DATA REPORT FOR THE 1983 SEISMIC-REFRACTION EXPERIMENT AT YUCCA MOUNTAIN, BEATTY AND VICINITY, SOUTHWESTERN NEVADA, BY V.D. SUTTON.	01/01/84-08/02/84	USGS STANDARD METHOD. INCLUDES RECORD SECTIONS FROM THE TEN SHOTPOINTS, A LIST OF SHOTPOINT LOCATIONS AND TIMES, DKDAT DATA FILES AND TAPE GRADE CODE AND A LIST OF FIRST-ARRIVAL TRAVEL TIME PICKS.	D N C
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.3.2				
**GS930283117432.002	TECTONIC SETTING OF YUCCA MOUNTAIN, SOUTHWEST NEVADA, BY R.B. SCOTT	01/01/83-06/19/84	INTERPRETATION OF TECTONIC DEVELOPMENT BASED ON DETAILED GEOLOGIC MAPPING AND RELATED INVESTIGATIONS. STANDARD METHODS FOR GEOLOGIC MAPPING AND RELATED STUDIES USED IN COLLECTION OF DATA.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS930583117432.007	SURFICIAL GEOLOGIC MAP OF THE SPECTER RANGE NW QUADRANGLE, NYE COUNTY, NEVADA, BY WC SWADLEY AND H.E. HUCKINS	01/01/85-02/28/86	SURFICIAL GEOLOGIC MAP PREPARED USING VISUAL INTERPRETATIONS, AERIAL PHOTOGRAPHS, AND PREVIOUSLY PUBLISHED MATERIAL.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*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 P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
**GS931083117432.001	TOPOGRAPHIC PROFILES OF THE BEATTY SCARP	06/17/93-06/19/93	GP-52,R0, TOPOGRAPHIC PROFILING OF GEOMORPHIC FEATURES -- FIELD MEASUREMENT	A Y C
	ACQN/DEVL LOCATION : 36 48'00"N 116 45'00"W ;36 52'30"N 116 42'00"W			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.3.4				
*GS940183117434.001	PRELIMINARY TRENCH LOGS OF BMT-1 AND BMT-2, BARE MOUNTAIN. FAULT, NYE COUNTY, NEVADA, JAN. 1994.	06/27/93-01/10/94	GP-07,R1, CONVENTIONAL GEOLOGIC MAPPING OF TRENCH WALLS, GP-17,R1, DESCRIBING AND SAMPLING SOILS IN THE FIELD, GP-39,R0, GEOPHOTOGRAMMETRIC MAPPING OF TRENCH WALLS - FIELD WORK, AND GP-53,R0, GEOLOGIC MAPPING OF TRENCH WALLS WITH A TOTAL STATION.	A Y C
	ACQN/DEVL LOCATION : BMT-1 BMT-2			
Activity - 8.3.1.17.4.5.2				
**GS930483117452.002	DETACHMENT FAULTING IN THE DEATH VALLEY REGION, CALIFORNIA AND NEVADA, BY WARREN HAMILTON.	01/01/85-02/12/86	GENERAL STRUCTURAL STYLE INFERRED FROM FIVE SEISMIC REFLECTION PROFILES RECORDED BY VIBROSEIS BY CONTINENTAL REFLECTION PROFILING OF CORNELL UNIVERSITY.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			
*GS931283117452.005	GEOLOGIC MAPPING IN CRATER FLAT, IN AND AROUND FOUR 7.5 MINUTE QUADRANGLES: 1) EAST OF BEATTY MOUNTAIN, 2) BEATTY MOUNTAIN, 3) CRATER FLAT, 4) BIG DUNE.	03/14/93-05/15/93	TECHNICAL PROCEDURE GP-01,R2, GEOLOGIC MAPPING.	A Y P
	ACQN/DEVL LOCATION : 36 52' 30"N 116 37' 30"W ; 37 00' 00"N 116 30' 00"W			
*GS931283117452.006	GEOLOGIC MAP OF THE EAST OF BEATTY MOUNTAIN 7.5 MINUTE QUADRANGLE, NYE COUNTY, NEVADA, BY C.J. FRIDRICH, P.P. ORKILD, M. MURRAY, J.R. PRICE, R.L. CHRISTIANSEN, P.W. LIPMAN, W.J. CARR, W.D. QUINLIVAN, AND R.B. SCOTT.	05/15/93-10/12/93	USGS GP-01,R2, GEOLOGIC MAPPING	D Y P
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940383117452.001	ORIENTATION DATA FOR KINEMATIC ANALYSIS OF MYLONITES OR OTHER SAMPLES FROM BULLFROG HILLS.  ACQN/DEVL LOCATION : T12S R45E SECTION 13 T12S R45E SECTION 21	03/01/92-03/01/92	SN-0035 "THERMOBAROMETRIC AND KINEMATIC STUDIES OF METAMORPHIC ROCKS AT BARE MOUNTAIN AND PROXIMAL SITES".	A Y P
*GS940383117452.002	ELECTRON MICROPROBE ANALYSIS OF MINERALS FROM BULLFROG HILLS AND BARE MOUNTAIN  ACQN/DEVL LOCATION : NORTHERN ARIZONA UNIVERSITY ELECTRON MICROPROBE LABORATORY	08/09/93-02/18/94	SN-0035 "THERMOBAROMETRIC AND KINEMATIC STUDIES OF METAMORPHIC ROCKS AT BARE MOUNTAIN AND PROXIMAL SITES".	A Y P
*GS940383117452.003	FREEZING AND HOMOGENIZATION TEMPERATURE MEASUREMENTS ON FLUID INCLUSION IN QUARTZ VEINS FROM BARE MOUNTAIN.  ACQN/DEVL LOCATION : NORTHERN ARIZONA UNIVERSITY, FLAGSTAFF	12/12/93-12/18/93	SN-0035 "THERMOBAROMETRIC AND KINEMATIC STUDIES OF METAMORPHIC ROCKS AT BARE MOUNTAIN AND PROXIMAL SITES"	A Y P
Activity - 8.3.1.17.4.6.1				
**GS930408318512.005	TECTONICS, SEISMICITY, VOLCANISM AND EROSION RATES IN THE SOUTHERN GREAT BASIN, BY W.J. CARR AND A.M. ROGERS -- FY 1980 REPORT.  ACQN/DEVL LOCATION : USGS, DENVER, CO.	01/01/81-05/01/82	SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM TECTONIC, SEISMIC, VOLCANIC, EROSION AND DEPOSITION STUDIES.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.6.2				
**GS930483117462.002	PRELIMINARY TRENCH LOG AND ACCOMPANYING LITHOLOGIC AND STRUCTURAL DESCRIPTIONS FOR INNER WALL, NORTH BRANCH, OF TRENCH 14D; PREPARED BY C. MENGES, R. CRESS, AND G. VADURRO. THIS LOG PREPARED FOR THE INNER (SOUTHERN) WALL OF THE NORTH BRANCH OF THE BOX PORTION OF MODIFIED TRENCH 14D.  ACQN/DEVL LOCATION : TRENCH 14	07/09/92-03/26/93	TECHNICAL PROCEDURE NWM-USGS GP-07,R1, CONVENTIONAL GEOLOGIC MAPPING OF TRENCH WALLS.	A Y C
*GS930783117462.003	PRELIMINARY TRENCH LOG FOR OUTER WALL, NORTH BRANCH, OF TRENCH 14D; PREPARED BY C. MENGES, G. VADURRO, AND J. OSWALD. PREPARED FOR OUTER (NORTHERN) WALL OF THE NORTH BRANCH OF THE BOX PORTION OF MODIFIED TRENCH 14D; INCLUDES DETAILED DESCRIPTIONS OF UNITS AND STRUCTURES IN TRENCH LOG OF ADJACENT WALL (INNER WALL, NORTH BRANCH, TRENCH 14D), WITH EXCEPTION OF FISSURE-FILL DESCRIPTIONS ALONG MAIN FAULT ZONE.  ACQN/DEVL LOCATION : TRENCH 14D, NTS	12/21/92-06/18/93	TECHNICAL PROCEDURE NWM-USGS GP-07,R1, CONVENTIONAL GEOLOGIC MAPPING OF TRENCH WALLS.	A Y C
*GS930783117462.004	PRELIMINARY TRENCH LOG, WITH UNIT DESCRIPTIONS, OF TRENCH SCF-T1, SOUTH WALL, ON SOLITARIO CANYON FAULT.  ACQN/DEVL LOCATION : N743160 (N) E554120 (N)	10/01/92-04/28/93	TECHNICAL PROCEDURE NWM-USGS-GP-07, R1, CONVENTIONAL GEOLOGIC MAPPING OF TRENCH WALLS.	A Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS931283117462.006	PRELIMINARY TRENCH LOG, AND ACCOMPANYING DESCRIPTIONS AND DATA SHEETS FOR LITHOLOGIC UNITS, SOILS, AND DEFORMATION, FOR TRENCHES SCR-T1 AND SCR-T3 (PARTS OF BOTH NORTH AND SOUTH WALLS IN EACH TRENCH). LOGS AND DATA PREPARED BY C. MENGES, J. OSWALD AND J. COE. EACH LOG INCLUDES CEILING MAPPED PHOTOGRAMMETRICALLY AND MANUALLY (WITH CONVENTIONAL METHOD).  ACQN/DEVL LOCATION : N718620(N) E556680(N) N721790(N) E559700(N)	05/01/93-10/31/93	TECHNICAL PROCEDURE NWM-USGS GP-07,R1, CONVENTIONAL GEOLOGIC MAPPING OF TRENCH WALLS, AND TECHNICAL PROCEDURES NWM-USGS GP-39,R0, GEOPHOTOGRAMMETRIC MAPPING OF TRENCH WALLS: FIELDWORK; AND NWM-USGS GP-40,R0, GEOPHOTOGRAMMETRIC MAPPING OF TRENCH WALLS - LABORATORY METHODS.	A Y C
*GS931283117462.007	U-TH ISOTOPIC DATA FOR U-SERIES DISEQUILIBRIUM DATING OF PEDOGENIC CARBONATE ASSOCIATED WITH QUATERNARY FAULTING ON THE EAST SIDE OF YUCCA MOUNTAIN. DATA INCLUDE SAMPLE AND SPIKE WEIGHTS, AND CUMULATIVE ALPHA DECAY COUNTS FOR 238U, 236U, 232TH, 230TH, AND 229TH AS WELL AS CALCULATED U AND TH CONCENTRATIONS, ACTIVITY RATIOS AND CORRELATION COEFFICIENTS.  ACQN/DEVL LOCATION : USGS U-SERIES LABS, DENVER, CO	11/01/93-12/15/93	YMP-USGS GCP-03,R2, U-SERIES DATING	A Y C
*GS931283117462.008	AGE CALCULATED FROM ACQUIRED U-TH ISOTOPIC DATA.  ACQN/DEVL LOCATION : USGS U-SERIES LABS, DENVER, CO	11/01/93-12/15/93	230TH/238U CALCULATIONS DETERMINED BY MIXING LINE REGRESSION USING MAXIMUM LIKELIHOOD ESTIMATION ALGORITHMS (LUDWIG AND TITTERINGTON, MAXIMUM LIKELIHOOD ESTIMATION OF U-TH ERRORS, IN REVIEW FOR PUB. IN GEOCHEMICA ET COSMOCHEMICA ACTA)	D Y C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*GS940183117462.001	U-SERIES DISEQUILIBRIUM AND THERMOLUMINESCENCE AGES OF PALEOSOLS ASSOCIATED WITH QUATERNARY FAULTS, EAST SIDE OF YUCCA MOUNTAIN, BY J.B. PACES, B. WIDMANN, C.M. MENGES, J.R. WESLING, C.A. BUSH, K. FUTA, H.T. MILLARD, P.B. MAAT, AND J.W. WHITNEY.  ACQN/DEVL LOCATION : USGS U-SERIES LABS, DENVER, CO	11/01/93-12/28/93	DATA INCLUDE U-SERIES DISEQUILIBRIUM AND THERMOLUMINESCENCE AGES DETERMINED ON PEDOGENIC MATERIALS ASSOCIATED WITH FAULTS ON THE EAST SIDE OF YUCCA MOUNTAIN.	D Y P
*GS940183117462.002	PRELIMINARY LOG OF WALL 4 OF BUSTED BUTTE AND ACCOMPANYING FIELD NOTES AND SOIL PROFILE DESCRIPTION SHEETS. LOGS AND DATA PREPARED BY J. WESLING, C. MENGES, J. OSWALD, AND J. COE.  ACQN/DEVL LOCATION : N739796.0(N) E570559.0(N)	03/12/93-11/20/93	DATA WERE COLLECTED USING GP-07,R1, CONVENTIONAL GEOLOGIC MAPPING OF TRENCH WALLS; GP-17,R1, DESCRIBING AND SAMPLING SOILS IN THE FIELD; AND GP-39,R0, GEOPHOTOGRAMMETRIC MAPPING OF TRENCH WALLS - FIELD WORK; AND GP-40,R0, GEOPHOTOGRAMMETRIC MAPPING OF TRENCH WALLS - LABORATORY	A Y C
*GS940183117462.003	PRELIMINARY RESULTS OF PALEOSEISMIC INVESTIGATIONS OF QUATERNARY FAULTS ON EASTERN YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY C. MENGES, J. WESLING, J. WHITNEY, F. SWAN, J. COE, A. THOMAS, AND J. OSWALD.  ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV	09/24/93-01/05/94	TRENCH WALL OR NATURAL EXPOSURE DEFORMATION FEATURES, STRATIGRAPHIC UNITS, AND SOILS WERE DESCRIBED AND WHERE POSSIBLE, CRITICAL UNITS AND SOILS BRACKETING FAULT EVENTS WERE SAMPLED FOR GEOCHRONOLOGIC DATING. ALL THESE DATA WERE USED TO INTERPRET THE STRATIGRAPHIC POSITIONS, SIZES, AND TO THE EXTENT POSSIBLE, AGES OF SURFACE RUPTURES ON THE FAULT ZONE.	D Y P

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.7.1				
**GS920283117471.002	VIBROSEIS AND EXPLOSIVE SOURCE SEISMIC REFLECTION DATA.  ACQN/DEVL LOCATION : T16S R49-52E	01/03/88-01/24/88	NWM-USGS-SP-10, R0	A N C
**GS920283117471.004	COMPARISON OF VIBROSEIS AND EXPLOSIVE SOURCE METHODS FOR DEEP CRUSTAL SEISMIC REFLECTION PROFILING IN THE BASIN AND RANGE PROVINCE, BY T.M. BROCHER AND P.E. HART.  ACQN/DEVL LOCATION : USGS, MENLO PARK, CA	06/06/89-06/21/91	ANALYTICAL AND INTERPRETIVE METHODS BASED ON THE AUTHORS' COMBINED EDUCATION AND WORK EXPERIENCES WERE USED TO DEVELOP THIS ARTICLE	D N C
Activity - 8.3.1.17.4.7.2				
**GS930483117472.003	PRELIMINARY INTERPRETATION OF SEISMIC-REFRACTION AND GRAVITY STUDIES WEST OF YUCCA MOUNTAIN, NEVADA AND CALIFORNIA, BY H.D. ACKERMAN, W.D. MOONEY, D.B. SNYDER, AND V.D. SUTTON.  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/85-10/21/85	SUMMARIES AND GEOLOGIC INTERPRETATIONS OF SEISMIC REFRACTION DATA. SEISMIC REFRACTION DATA PROCESSES BY DIRECT COMPUTER INVERSION OF THE DATA METHOD, ACKERMAN AND OTHERS, 1982, A COMPREHENSIVE SYSTEM FOR INTERPRETING SEISMIC REFRACTION ARRIVAL-TIME DATA USING INTERACTIVE COMPUTER METHODS, USGS OFR 82-1065.	D N C
**GS930583117472.005	GRAVITY AND MAGNETIC EVIDENCE FOR A GRANITIC INTRUSION NEAR WAHMONIE SITE, NEVADA TEST SITE, NEVADA, BY DAVID A. PONCE  ACQN/DEVL LOCATION : USGS, MENLO PARK, CA	01/01/83-06/10/83	TWO DIMENSIONAL GRAVITY MODEL CONSTRUCTED USING MAGNETIC, SEISMIC, AND ELECTRIC DATA.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS930583117472.006	REGIONAL GEOLOGIC AND GEOPHYSICAL MAPS OF THE SOUTHERN GREAT BASIN BY T.G. HILDENBRAND, A.M. ROGERS, H.W. OLIVER, S.C. HARMSSEN, J.K. NAKATA, D.S. AITKEN, R.N. HARRIS, AND M.D. CARR.  ACQN/DEVL LOCATION : USGS, DENVER, CO  Activity - 8.3.1.17.4.7.3	01/01/87-01/01/88	REPORT CONTAINS A COLLECTION OF MAPS DEVELOPED BY USING PREVIOUSLY PUBLISHED DATA. THE MAPS PRESENT AN OVERVIEW OF THE GENERAL GRAVITY, AEROMAGNETIC, AND TERRAIN FEATURES. TEXT DISCUSSES REDUCTION PROCESSES, ASSUMPTIONS, AND APPLIED EQUATIONS WHERE APPLICABLE.	D N C
**GS930583117472.005	GRAVITY AND MAGNETIC EVIDENCE FOR A GRANITIC INTRUSION NEAR WAHMONIE SITE, NEVADA TEST SITE, NEVADA, BY DAVID A. PONCE  ACQN/DEVL LOCATION : USGS, MENLO PARK, CA	01/01/83-06/10/83	TWO DIMENSIONAL GRAVITY MODEL CONSTRUCTED USING MAGNETIC, SEISMIC, AND ELECTRIC DATA.	D N C
**GS930583117472.006	REGIONAL GEOLOGIC AND GEOPHYSICAL MAPS OF THE SOUTHERN GREAT BASIN BY T.G. HILDENBRAND, A.M. ROGERS, H.W. OLIVER, S.C. HARMSSEN, J.K. NAKATA, D.S. AITKEN, R.N. HARRIS, AND M.D. CARR.  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/87-01/01/88	REPORT CONTAINS A COLLECTION OF MAPS DEVELOPED BY USING PREVIOUSLY PUBLISHED DATA. THE MAPS PRESENT AN OVERVIEW OF THE GENERAL GRAVITY, AEROMAGNETIC, AND TERRAIN FEATURES. TEXT DISCUSSES REDUCTION PROCESSES, ASSUMPTIONS, AND APPLIED EQUATIONS WHERE APPLICABLE.	D N C

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.7.4				
**GS930583117472.005	GRAVITY AND MAGNETIC EVIDENCE FOR A GRANITIC INTRUSION NEAR WAHMONIE SITE, NEVADA TEST SITE, NEVADA, BY DAVID A. PONCE	01/01/83-06/10/83	TWO DIMENSIONAL GRAVITY MODEL CONSTRUCTED USING MAGNETIC, SEISMIC, AND ELECTRIC DATA.	D N C
ACQN/DEVL LOCATION : USGS, MENLO PARK, CA				
Activity - 8.3.1.17.4.7.5				
**GS930383117475.001	TIME-DOMAIN ELECTROMAGNETIC SOUNDINGS AT THE NEVADA TEST SITE, NEVADA, BY F.C. FRISCHKNECHT AND P.V. RAAB.	01/01/83-01/01/84	DESCRIPTIONS OF WORK DONE NEAR YM TO DEVELOP AND DEMONSTRATE ELECTROMAGNETIC SOUNDING METHODS WHICH WOULD BE EFFECTIVE IN GEOLOGICALLY COMPLICATED REGIONS. EFFORTS FOCUSED ON SHORT-OFFSET (NEAR ZONE) TIME-DOMAIN ELECTROMAGNETIC (TDEM) TECHNIQUES IN WHICH THE RECEIVING LOOP IS INSIDE OR VERY NEAR THE TRANSMITTING LOOP.	D N C
ACQN/DEVL LOCATION : USGS, DENVER, CO				
Activity - 8.3.1.17.4.7.8				
**GS930383117478.001	PRELIMINARY RESULTS OF HIGH-RESOLUTION SEISMIC-REFLECTION SURVEYS CONDUCTED ACROSS THE BEATTY AND CRATER FLAT FAULT SCARPS, NEVADA, BY S.T. HARDING.	01/01/85-08/20/85	PRELIMINARY RESULTS AND INTERPRETATIONS OF THE HIGH-RESOLUTION SEISMIC-REFLECTION SURVEY ACROSS THE BEATTY AND CRATER FLAT FAULT SCARPS THAT USED THE MINI-SOSIE HIGH-SOLUTION SEISMIC-REFLECTION TECHNIQUE.	D N C
ACQN/DEVL LOCATION : USGS, DENVER, CO				

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.8.1				
**GS930283117481.001	STRESS FIELD AT YUCCA MOUNTAIN, BY J.M. STOCK AND J.H. HEALEY.	01/01/85-10/21/85	DESCRIPTIONS & INTERPRETATIONS OF DATA/INFO. INCLUDING STRESS MAGNITUDES, STRESS DIRECTIONS AND TOPOGRAPHIC EFFECTS ON STRESS LEVELS. METHOD IN HICKMAN, S.H. & M.D.ZOBACK, 1983, THE INTERPRETATION OF HYDRAULIC FRACTURING PRESSURE-TIME DATA FOR IN-SITU STRESS DETERMINATION, IN HYDRAULIC FRACTURING STRESS MEASUREMENTS, NAT'L ACADEMY PRESS, WASH.D.C., 44-54, USED TO DETERMINE STRESS MAGNITUDES. TEST PROCEDURES & EQUIPMENT SETUP IN 1) HEALY, J.H., & OTHERS, 1984, REPORT ON TELEVIEWER LOG AND STRESS MEASUREMENTS IN CORE HOLE USW-G1, NTS, DEC.13-22, 1981, USGS OFR 84-15; 2) STOCK, J.M., & OTHERS, 1984, REPORT ON TELEVIEWER LOG AND STRESS MEASUREMENTS IN CORE HOLE USW G-2, NTS, OCT-NOV. 1982, USGS OFR 84-172; AND 3) STOCK, J.M., & OTHERS, 1986, REPORT ON TELEVIEWER LOG AND STRESS MEASUREMENTS IN HOLES USW G-3 AND UE-25P#1, YM, NYE CO., NV, USGS OFR 86-369. STRESS DIRECTION DETERMINED USING TELEVIEWER LOGS.	D N C
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA			
**GS930483117481.002	AN EVALUATION OF THE TOPOGRAPHIC MODIFICATION OF STRESSES AT YUCCA MOUNTAIN, NEVADA, BY HENRI S. SWOLFS, WILLIAM Z. SAVAGE, AND WILLIAM L. ELLIS.	01/01/85-07/24/86	SOLUTION FOR TOPOGRAPHICALLY INDUCED STRESSES DERIVED FROM KOLOSOV-MUSKHELISHVILI METHOD OF COMPLEX POTENTIALS FOR PLANE ELASTICITY, SAVAGE, W.Z., AND OTHERS, 1985, GRAVITATION OF STRESSES IN LONG SYMMETRIC RIDGES AND VALLEYS: INTERNATIONAL JOURNAL OF ROCK MECHANICS, MINERAL SCIENCE, AND GEOCHEMICAL ABSTRACTS. CONFORMAL MAPPING FUNCTION USED TO TRANSFORM A SYMMETRIC RIDGE INTO A HALF-PLANE TO OBTAIN GRAVITY-INDUCED STRESSES.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO			

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.10.1				
*GS930731174101.001	YMP LEVEL DATA: 11/90 - 07/91 - SECTION OBSERVATIONS.  ACQN/DEVL LOCATION : USGS, DENVER, CO	11/01/90-07/01/91	GP-06,R2 & R3, GEODETIC LEVELING AND TRILATERATION SURVEYS	A Y C
*GS930731174101.002	GPS DATA (FOR QUADRILATERAL SURVEYS) CALIBRATION (I.E. CHECK AGAINST KNOWN BASELINE) FOR GPS RECEIVERS - DATA AND COMPUTATIONS, 11/90 - 07/91.  ACQN/DEVL LOCATION : USGS, DENVER, CO	03/01/91-06/01/91	GP-06,R2 & R3, GEODETIC LEVELING AND TRILATERATION SURVEYS	A Y C
**GS930731174101.003	1983 - 1988 LEVELING RESULTS, 1983 - 1988 QUADRILATERAL RESULTS AND VARIOUS EARLIER DATA  ACQN/DEVL LOCATION : USGS, DENVER, CO	01/01/83-12/31/88	STANDARD USGS METHODS FOR GEODETIC LEVELING AND SECTION OBSERVATIONS.	A N T
*GS930731174101.005	YMP LEVEL DATA: GEODETIC LEVELING AND SECTION OBSERVATIONS, 1992 - 1993  ACQN/DEVL LOCATION : USGS, DENVER, CO	11/01/92-04/01/93	GP-06,R3, GEODETIC LEVELING AND TRILATERATION SURVEYS	A Y C

SITE CHARACTERIZATION PLAN BASELINE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
Activity - 8.3.1.17.4.12.1				
**GS930408318512.005	TECTONICS, SEISMICITY, VOLCANISM AND EROSION RATES IN THE SOUTHERN GREAT BASIN, BY W.J. CARR AND A.M. ROGERS -- FY 1980 REPORT.	01/01/81-05/01/82	SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM TECTONIC, SEISMIC, VOLCANIC, EROSION AND DEPOSITION STUDIES.	D N C
	ACQN/DEVL LOCATION : USGS, DENVER, CO.			
**GS930431174121.001	VOLCANO-TECTONIC SETTING OF YUCCA MOUNTAIN AND CRATER FLAT, SOUTHWESTERN NEVADA, BY W.J. CARR.	01/01/85-11/08/85	INTERPRETATIONS BASED ON A COMPILATION OF OTHER WORKS.	D N C
	ACQN/DEVL LOCATION : USGS, MENLO PARK, CA			
Activity - 8.3.2.2.1.4				
*SNSAND92045000.000	SAND92-0450: "ROCK MASS MECHANICAL PROPERTY ESTIMATIONS FOR THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT"	10/15/91-06/01/93	ROCK MASS QUALITIES WERE ESTIMATED FROM REPRESENTATIVE INTACT ROCK AND JOINT MECHANICAL PROPERTIES SELECTED FOR WELDED AND NONWELDED TUFFS. THESE QUALITIES WERE ESTIMATED USING BOTH THE NORWEGIAN GEOTECHNICAL INSTITUTE (Q) AND GEOMECHANICS RATING (RMR) SYSTEMS. ROCK MASS MECHANICAL PROPERTIES WERE DEVELOPED BASED ON ESTIMATES OF ROCK MASS QUALITY, CURRENT KNOWLEDGE OF INTACT PROPERTIES, AND FRACTURE/JOINT CHARACTERISTICS. (SEE SAND92-0450 FOR MORE DETAIL).	D N C
	ACQN/DEVL LOCATION : SNL-SANDIA NATIONAL LABORATORY			

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## SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
**GS90090123344G.001	<p>TRIAxIAL-COMPRESSION EXTRACTION OF PORE WATER FROM UNSATURATED TUFF, YUCCA MOUNTAIN, NEVADA, BY I.C. YANG, A.K. TURNER, T.M. SAYRE AND PARVIZ MONTAZER</p> <p>ACQN/DEVL LOCATION : USGS, DENVER, CO</p>	06/01/87-12/31/87	THIS REPORT IS A DETAILED DESCRIPTION OF THE METHOD USED IN THIS STUDY.	D N C
*GS920908312244.001	<p>AIR-INJECTION TESTING/PRESSURES AND TEMPERATURES AT APACHE LEAP TUFF SITE, SUPERIOR, AZ</p> <p>ACQN/DEVL LOCATION : 33 18'00"N 111 04'10"W</p>	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 P
**GS930912331210.002	<p>PORE-WATER EXTRACTION FROM UNSATURATED TUFFS USING ONE-DIMENSIONAL COMPRESSION, BY TIMOTHY E. MOWER, J.D. HIGGINS AND IN CHE YANG</p> <p>ACQN/DEVL LOCATION : USGS, DENVER, CO</p>	01/01/90-12/27/90	ONE DIMENSIONAL COMPRESSION FOR EXTRACTING PORE-WATER WAS TESTED USING A THICK STEEL CYLINDER TO CONFINE THE CORE. RESULTING MECHANICAL DATA ARE SUMMARIZED IN TABULAR FORM.	D N C
*GS940201236221.001	<p>SEASONAL OCCURRENCES OF OSTRACODES IN LAKES AND STREAMS OF THE SAN FRANCISCO PENINSULA, CALIFORNIA, BY CLAIRE CARTER</p> <p>ACQN/DEVL LOCATION : SAN FRANCISCO PENINSULA, CA</p>	05/01/89-05/01/90	FRESH WATER OSTRACODES WERE SAMPLED, PICKED ONTO MICROPALAEONTOLOGICAL SLIDES, IDENTIFIED, AND COUNTED. WATER SURFACE, AIR, AND SEDIMENT TEMPERATURES WERE MEASURED AND COMPARED TO FAUNA LEVELS.	A N C

SITE CHARACTERIZATION PLAN BASELINE - PROTOTYPE

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DATA TRACKING NO.	TITLE/DESCRIPTION	ACQN/DEVL PERIOD	ACQN/DEVL METHOD	
*SNF30050393001.003	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.	06/01/93-12/14/93	MAKE DISPLACEMENT MEASUREMENTS USING A TAPE EXTENSOMETER; CHECK ROCK BOLT LOAD CELL DATA BY READINGS WITH A VOLTMETER.	A N C
	ACQN/DEVL LOCATION : NEVADA TEST SITE-NORTH PORTAL/ESF STARTER TUNNEL			

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## 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 C