

YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT

TECHNICAL DATA CATALOG

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SEPTEMBER 30, 1994

UNITED STATES DEPARTMENT OF ENERGY

YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT

TECHNICAL DATA CATALOG

SEPTEMBER 30, 1994

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INTRODUCTION

The Department of Energy (DOE)/Nuclear Regulatory Commission (NRC) Site-Specific Procedural Agreement for Geologic Repository Site Investigation and Characterization Program requires the DOE to develop and maintain a catalog of data which will be updated and provided to the NRC at least quarterly. This catalog is to include a description of the data; the time (date), place, and method of acquisition; and where the data 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 distributed 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, 1994 (this edition), should be retained as the baseline document for the supplements until the end-of-year revision is published and distributed in October 1995.

Requests for data referenced in the Technical Data Catalog must be submitted in writing to the YMP Project Manager (Acting), Robert M. Nelson, Jr., at the following address:

> U.S. Department of Energy Yucca Mountain Site Characterization 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 Technical 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 catalog also includes a section that identifies data items available in the YMP Reference Information Base (RIB).

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

- (1) <u>Data Tracking Number</u> Unique identifier for the referenced data item.
- (2) <u>Data Title/Description</u> A brief description of the referenced data item.
- (3) <u>Acquisition/Development Period</u> The date or range of dates during which the referenced data item was acquired or developed.
 - (4) <u>Acquisition/Development Location</u> 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) <u>Acquisition/Development Method</u> A brief description of the method used and/or the procedure followed to acquire or develop the referenced data item.
- (6) <u>Data Type</u> An "A" for acquired data or a "D" for developed data.
- (7) <u>Qualified</u> A "Y" for Yes or an "N" for No indicating whether or not the referenced data item was acquired or developed in accordance with an NRC accepted quality assurance program or qualified in accordance with appropriate YMP procedures.

(NOTE: Developed data items derived from other data sources are not classified as "Qualified" unless the identified data sources are also qualified.) (8) <u>Data Location</u> - A "P" indicates that the data reside in, and may be examined only at, a Participant Data Archive. A "C" indicates that the data are in, and may be examined at, the Central Records Facility (CRF). A "T" indicates that the data are in the YMP Technical Data Base Geographic Nodal Information Study and Evaluation System (GENISES). An "R" indicates that the data are in the RIB. Data items, which are indicated to be in the GENISES or RIB, may also be examined in the CRF.

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

Appendix A of this document lists the activity numbers and titles of all SCPB related data items referenced in the catalog. Appendix B identifies additions that were incorporated into the GENISES data base during the current quarter. Appendix C identifies data items that have been superseded.

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| | | i | Y | II |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD E | D N |
| | | | | |
| SNSAND92044900.000 | SAND92-0449: "FRACTURE ANALYSIS AND ROCK QUALITY DESIGNATION ESTIMATION FOR THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT." | 11/12/91-02/01/93 | DATA ON FRACTURE OCCURRENCE WERE COLLECTED D BY VARIOUS PARTICIPANTS IN THE YMP. THESE REPORTS WERE REVIEWED TO DETERMINE FRACTURE ABUNDANCE, FRACTURE ORIENTATION, FRACTURE ROUGHNESS, FRACTURE FILLINGS AND COATINGS, AND ROCK QUALITY DESIGNATION (RQD) FOR THE THERMOMECHANICAL UNITS ABOVE AND IMMEDIATELY BELOW THE POTENTIAL REPOSITORY HORIZON. (SEE SAND 92-0449 FOR MORE DETAIL.) | NC |
| | ACQN/DEVL LOCATION : SNL | | | |
| SNT01122093001.001 | DESIGN SUPPORT ANALYSIS: NORTH RAMP Design position 2C. This data has been Superseded by data identified by dtn: SNT01122093001.002 | 10/01/93-12/20/93 | THERMAL EXPANSION DATA WAS EXAMINED AND D LINEARIZED. ROCK MASS DATA WAS USED FOR 2-D & 3-D MECHANICAL ANALYSES. | YC |
| | ACON/DEVI. LOCATION : SANDIA NATIONAL LABOR | RATORY. ALBUONEROUE. | NEW CONTRACTOR | |
| | MEXICO | ATONI, ADDOGOZNYCH, | | |
| SNT01122093001.002 | "DESIGN SUPPORT ANALYSES: NORTH RAMP DESIGN PACKAGE 2C (REV. 1)". THIS DATA SUPERSEDES DATA PREVIOUSLY IDENTIFIED BY DTN: SNT01122093001.001. | 12/20/93-03/31/94 | THERMAL EXPANSION DATA WAS EXAMINED AND D LINEARIZED. ROCK MASS DATA WAS USED FOR 2-D & 3-D MECHANICAL ANALYSES. | ΥC |
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| | ACON/DEVL LOCATION : SANDIA NATIONAL LABOR | RATORY & J. F. T. AG | APITO | |
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| | ENVIRONMENTAL MONT | TORING AND MITIGATION | PLAN | ALC |
| | | | | TFT YII |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| EGESD930708000.000 | DESERT TORTOISE STUDIES AT YUCCA MOUNTAIN, 1898-1993. | 01/01/89-12/31/93 | DESERT TORTOISE WERE LOCATED USING RADIO TELEMETRY TO OBTAIN DATA ON MOVEMENTS, BEHAVIOR, REPRODUCTIVE OUTPUT, GROWTH, BLOOD PARAMETERS, DIET, HIBERNATION, MATING, AND NESTING BEHAVIORS. IN ADDITION, TORTOISES AND CARCASSES FOUND INCIDENTALLY WERE MEASURED. | A N P |
| | ACQN/DEVL LOCATION : YUCCA MOUNTAIN AND | CALICO HILLS, NYE COU | NTY, NV | |
| EGESD930709000.000 | RAVEN SURVEYS AT YUCCA AND BARE Mountains, 1991-1993. | 08/01/91-12/31/93 | POINT-COUNTS ALONG 25-MILE SURVEY ROUTES. | ANT |
| | ACQN/DEVL LOCATION : YUCCA AND BARE MOUN | TAINS, NYE COUNTY, NV | , | |
| GS920300012548.001 | DATA ON GROUND-WATER LEVELS AND SPRING FLOWS, INCLUDING WELL DEPTHS, CASING INFORMATION, DISCHARGE MEASUREMENTS, WELL AND SPRING LOCATIONS. | 02/01/90-05/09/91 | DATA WERE COLLECTED USING STANDARD USGS PRACTICES. | ANP |
| | ACQN/DEVL LOCATION : 36 00'00"N 117 00'0 | 0"W ;37 00'00"N 116 0 | 00°00"W | |
| GS920500012548.002 | DATA ON GROUND-WATER LEVELS AND SPRINGFLOWS, INCLUDING WELL DEPTHS, CASING INFORMATION, DISCHARGE MEASUREMENTS, AND WELL AND SPRING LOCATIONS. | 05/10/91-12/31/91 | DATA WERE COLLECTED USING HP-54, HP-61, HP-99, AND HP-166. | A N P |
| | ACON/DEVL LOCATION : 36 00'00"N 117 00'0 | 0"W ;37 00'00"N 116 0 | 00'00"₩ | |
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| DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METHOD **GS920500012548.003 QUARTERLY DATA COLLECTED FOR FIRST 03/21/92-04/30/92 USGS STANDARD METHODS **GS920500012548.003 QUARTERLY DATA COLLECTED FOR FIRST 03/21/92-04/30/92 USGS STANDARD METHODS **GS920500012548.003 QUARTERLY DATA COLLECTED FOR FIRST 03/21/92-04/30/92 USGS STANDARD METHODS **GS920500012548.003 QUARTERLY DATA COLLECTED FOR FIRST 03/21/92-04/30/92 USGS STANDARD METHODS **GS920500012548.003 QUARTERLY DATA COLLECTED FOR FIRST 03/21/92-04/30/92 USGS STANDARD METHODS GROUND-WATER LEVELS AND SPRINGFLOWS IN THE YUCCA MOUNTAIN REGION OF SOUTHERN NEVADA AND CALIFORNIA, JANUARY - MARCH 1992. ACQN/DEVL LOCATION : USGS WRD, LAS VEGAS, NV | | | 6 | | |
|--|-------------------------------|--|---|--|---------------------|
| DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METHOD **GS920500012548.003 QUARTERLY DATA COLLECTED FOR FIRST 03/21/92-04/30/92 USGS STANDARD METHODS QUARTER OF 1992 FOR REPORT "DATA ON GROUND-WATER LEVELS AND SPRINGFLOWS IN THE YUCCA MOUNTAIN REGION OF SOUTHERN NEVADA AND CALIFORNIA, JANUARY - MARCH 1992. ACQN/DEVL LOCATION : USGS WRD, LAS VEGAS, NV | DQ AUJ TA(AL(IJ | PLAN | ORING AND MITIGATION | ENVIRONMENTAL MONITO | |
| DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METHOD **GS920500012548.003 QUARTERLY DATA COLLECTED FOR FIRST QUARTER OF 1992 FOR REPORT "DATA ON GROUND-WATER LEVELS AND SPRINGFLOWS IN THE YUCCA MOUNTAIN REGION OF SOUTHERN NEVADA AND CALIFORNIA, JANUARY - MARCH 1992. 03/21/92-04/30/92 USGS STANDARD METHODS ACQN/DEVL LOCATION : USGS WRD, LAS VEGAS, NV ACQN/DEVL LOCATION : USGS WRD, LAS VEGAS, NV 03/21/92-04/30/92 USGS STANDARD METHODS | TF | | | | |
| *GS920500012548.003 QUARTERLY DATA COLLECTED FOR FIRST 03/21/92-04/30/92 USGS STANDARD METHODS QUARTER OF 1992 FOR REPORT "DATA ON GROUND-WATER LEVELS AND SPRINGFLOWS IN THE YUCCA MOUNTAIN REGION OF SOUTHERN NEVADA AND CALIFORNIA, JANUARY - MARCH 1992. ACQN/DEVL LOCATION : USGS WRD, LAS VEGAS, NV | | ACQN/DEVL METHOD | ACQN/DEVL PERIOD | TITLE/DESCRIPTION | DATA TRACKING NO. |
| GROUND-WATER LEVELS AND SPRINGFLOWS IN THE YUCCA MOUNTAIN REGION OF SOUTHERN NEVADA AND CALIFORNIA, JANUARY - MARCH 1992. ACQN/DEVL LOCATION : USGS WRD, LAS VEGAS, NV | ואס | USGS STANDARD METHODS | 03/21/92-04/30/92 | QUARTERLY DATA COLLECTED FOR FIRST QUARTER OF 1992 FOR REPORT "DATA ON | *GS920500012548.003 |
| ACQN/DEVL LOCATION : USGS WRD, LAS VEGAS, NV | | | general de la companya de la company La companya de la comp | GROUND-WATER LEVELS AND SPRINGFLOWS IN THE YUCCA MOUNTAIN REGION OF SOUTHERN NEVADA AND CALIFORNIA, JANUARY - MARCH 1992. | |
| | | | NV | ACON/DEVL LOCATION : USGS WRD. LAS VEGAS. | |
| n na serie de la constante de l La constante de la constante de | | | | | |
| GS920600012548.004 RAW DATA ON WATER-LEVEL MEASUREMENTS, QW AND SPRING DISCHARGES FOR JANUARY THRU MARCH 1992. | ANI | DATA WERE COLLECTED USING HP-54, RO, WATER-FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS; HP-61, RO, USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); HP-99, R1, INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING | 01/01/92-03/31/92 | RAW DATA ON WATER-LEVEL MEASUREMENTS, QW AND SPRING DISCHARGES FOR JANUARY THRU MARCH 1992. | GS920600012548.004 |
| WATER LEVELS; AND HP-166,RO, STREAM Discharge measurements using a pygmy Meter. | | WATER LEVELS; AND HP-166,RO, STREAM DISCHARGE MEASUREMENTS USING A PYGMY METER. | | | |
| ACQN/DEVL LOCATION : 36 00'N 117 00'W ;37 00'N 116 00'W | | | 00'N 116 00'W | ACON/DEVL LOCATION : 36 00'N 117 00'W ;37 | |
| GS920800012548.005 DATA ON GROUND WATER LEVELS AND SPRING FLOWS INCLUDING WELL DEPTHS, CASING INFORMATION, DISCHARGE MEASUREMENTS, WELL AND SPRING LOCATIONS, SECOND QUARTER, 1992. | A N I | USGS DATA WERE COLLECTED USING HP-54,RO, WATER-FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS; HP-61,RO, 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,RO, STREAM DISCHARGE MEASUREMENTS USING A PYGMY METER. | 04/01/92-06/30/92 | DATA ON GROUND WATER LEVELS AND SPRING FLOWS INCLUDING WELL DEPTHS, CASING INFORMATION, DISCHARGE MEASUREMENTS, WELL AND SPRING LOCATIONS, SECOND QUARTER, 1992. | GS920800012548.005 |
| ACQN/DEVL LOCATION : 36 00'N 117 00'W ;37 00'N 116 00'W | | | 00'N 116 00'W | ACQN/DEVL LOCATION : 36 00'N 117 00'W ;37 | |
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| | ENVIRONMENTAL MONITO | RING AND MITIGATION | PLAN | D A T A T Y |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | P |
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| GS921100012548.006 | DATA ON GROUND WATER LEVELS AND SPRING FLOWS INCLUDING WELL DEPTHS, CASING INFORMATION, DISCHARGE MEASUREMENTS, WELL AND SPRING LOCATIONS FOR THIRD QUARTER, 1992. | 07/01/92-09/30/92 | DATA WERE COLLECTED USING HP-54, Water-Flow measurements using weirs, Flumes, and Barrels. | A |
| | ACQN/DEVL LOCATION : 36 00'N 117 00'W ;37 | 00'N 116 00'W | | |
| | DARA ON COOMID WARED TELET & AND CODING | 10/01/02-12/21/02 | NATA WEDE COLLECTED HOING UD-54 DO | 1 |
| 65950100121547.001 | FLOWS INCLUDING WELL DEPTHS, CASING INFORMATION, DISCHARGE MEASUREMENTS, WELL AND SPRING LOCATIONS. | 20 ,00,02,02,02,02 20 21 21 | WATER-FLOW MEASUREMENTS USING WEIRS, FLUMES, AND BARRELS; HP-61,R0, USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); HP-99,R1, INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING | - |
| | | | WATER LEVELS; AND HP-166,R0, STREAM Discharge measurements using a pygmy Meter. | |
| | ACQN/DEVL LOCATION : 36 00'N 117 00'W ;37 | 00'N 116 00'W | | |
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| 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, RO, COLLECTION, TREATMENT AND FIELD ANALYSIS OF WATER SAMPLES; HP-225, RO, 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 OUALITY LAB. (APPROVED VENDOR). | |
| | NOW (DER TOCHETON - 26 25/2048 116 02/144 | tr | WATER VORDITT DAD. (REENOVED VERDOR). | |
| | 36 29'29"N 116 08'57" 36 22'29"N 116 08'57" 36 22'29"N 116 16'25" | W W | | |
| | 36 25'32"N 116 17'27" 36 27'55"N 116 19'04" | W s | | |
| | 36 25'13"N 116 19'27" | W | | |
| | 36 29'26"N 116 20'28" 36 25'55"N 116 20'53" | n W | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ENVIRONMENTAL MONITORING J | AND MITIGATION | PLAN ACQN/DEVL METHOD | DQ AUL TAC ALC IA TFT YII PEO EDN |
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| | | 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 24'33"W 36 48'21"N 116 34'37"W 36 55'20"N 116 34'37"W 36 22'52"N 116 42'53"W 36 27'28"N 116 50'11"W USGS, NWQL, DENVER | | | |
| GS930500121347.003 | PRELIMINARY DATA ON COLLECTED AS PART O MONITORING PROGRAM '90 THROUGH AUGUST | WATER QUALITY 08/2 F THE WATER-RESOURCES FOR THE PERIOD AUGUST '92, PART 1. | 5/90-07/11/91 | FIELD DATA COLLECTED ACCORDING TO METHODS DESCRIBED IN HP-225T, RO, COLLECTION, TREATMENT AND FIELD ANALYSIS OF WATER SAMPLES. FURTHER ANALYSIS BY USGS NAT'L WATER QUALITY LAB. | ANC |
| | 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 23'40"W 36 38'25"N 116 23'47"W 36 38'25"N 116 24'33"W | | | |
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| GS930500121347.004 | QUARTERLY DATA REPO | RT ON PRELIMINARY | 01/01/93-04/23/93 | FIELD DATA COLLECTED ACCORDING TO HP-26, R1. METHOD FOR CALIBRATING WATER-LEVEL | A | ΥP | |
| | FLOWS FROM JANUARY | TO MARCH 1993. DATA | | MEASUREMENT EQUIPMENT USING THE REFERENCE | | | |

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CURRENT METER.

STEEL TAPES; HP-54, R1, WATER-FLOW

MEASUREMENTS USING 90 V-NOTCH WEIRS,

FLUMES AND BARRELS; HP-61,RO, 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

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ACON/DEVL LOCATION : 36 35'30"N 116 02'14"W 36 29'29"N 116 08'57"W 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

COLLECTED IN COOPERATION WITH U.S. DEPT.

OF ENERGY AND USGS WATER-RESOURCES

MONITORING PROGRAM

| | ENV. | IRONMENTAL MONITO | RING AND MITIGATION | PLAN | AUL TAO ALC IA TFT YII PEO |
|--|--|--|---|---|--|
| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACON/DEVL PERIOD | ACQN/DEVL METHOD | EDN |
| | 36 3 36 3 36 1 36 4 36 3 36 3 36 5 36 5 36 5 36 2 36 2 36 2 36 2 | 3'10"N 116 29'40" 0'09"N 116 30'27" 7'24"N 116 32'42" 7'32"N 116 33'07" 4'56"N 116 35'25" 5'20"N 116 37'03" 4'45"N 116 38'39" 2'30"N 116 39'29" 1'30"N 116 42'53" 7'28"N 116 50'11" | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | |
| GS931000121347.006 | QUARTERLY DATA REPORT ON 1 DATA OF GROUND-WATER LEVE FLOWS IN THE YUCCA MOUNTA THE PERIOD JULY THROUGH SI DATA COLLECTED IN COOPERA U.S. DEPT. OF ENERGY AND WATER-RESOURCES MONITORING | PRELIMINARY LS AND SPRING IN REGION FOR EPTEMBER, 1993 FION WITH THE JSGS 3 PROGRAM | 07/01/93-10/21/93 | FIELD DATA COLLECTED BETWEEN 7/1/93 TO 9/30/93 ACCORDING TO HP-26,R1, METHOD FOR CALIBRATING WATER-LEVEL MEASUREMENT EQUIPMENT USING THE REFERENCE STEEL TAPE; HP-54,R1, WATER-FLOW MEASUREMENTS USING 9 DEGREE V-NOTCH WEIRS, FLUMES AND BARRELS, HP-61,R0, USE OF HAND-HELD STEEL TAPES (I 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 | А Ү Р О И |
| | ACQN/DEVL LOCATION : 36 3 36 2 36 3 36 2 36 2 36 2 36 2 | 5'30"N 116 02'14" 9'29"N 116 08'57" 2'13"N 116 13'38" 0'14"N 116 13'39" 2'29"N 116 16'25" | 4 4 4 4 4 | | |
| | 36 2 36 2 36 2 | 4'11"N 116 16'33" 4'32"N 116 16'57" 5'29"N 116 17'11" | | | |
| 1997 - 1997 - 1997 - 1997 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - | 36 3 36 3 36 1 36 2 | 9'54"N 116 17'59" 9'54"N 116 18'12" 7'55"N 116 19'04" | п И | na sensi se | |
| | 36 2 36 2 36 2 36 2 36 2 36 4 | 5'13"N 116 19'27" 8'58"N 116 19'53" 9'26"N 116 20'28" 5'55"N 116 20'53" 5'28"N 116 23'22" | W | e e e e e e e e e e e e e e e e e e e | |
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| DATA TRACKING NO. | ENVIRONMENTAL MONITORING AND MITIGAT TITLE/DESCRIPTION ACON/DEVL PERIO | DQ AUI TAC ALC ALC TFT YIJ PEC ACQN/DEVL METHOD ED |
|--------------------|---|---|
| | 36 38'35"N 116 23'40"W | |
| | 36 34'28"N 116 23'47"W | |
| | 36 38'25"N 116 24'33"W | |
| | 36 18'17"N 116 24'47"W | |
| | 36 28'48"N 116 26'46"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 34/56"NN 116 36/25"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 | |
| | J-11 .J-12 | |
| | J-13 | |
| | UE-25 WT #13 | |
| | UE+25 WT #10 | |
| | USW VH-1 | |
| | | |
| GS931100121347.007 | SELECTED GROUND-WATER DATA FOR YUCCA 06/01/93-09/30/ MOUNTAIN REGION, SOUTHERN NEVADA AND EASTERN CALIFORNIA, THROUGH DECEMBER 1992. BY R.J. LACAMERA AND C.L. | 93 DATA WAS CHECKED FOR ACCURACY AND D N O REASONABLENESS AND DEVELOPED ACCORDING TO STANDARD USGS PROCEDURE. |
| | WESTENBURG. | |
| | ACON/DEVL LOCATION : USGS-WRD, LAS VEGAS, NV | |
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| | ENVIRONMENTAL MONITO | RING AND MITIGATION | I PLAN | I A T F T |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVI. METHOD | YII PEO EDN |
| *GS940900121347.001 | GROUND WATER DATA INCLUDING WATER LEVEL MEASUREMENTS, DISCHARGE MEASUREMENT NOTES, AND LEVEL NOTES FOR YUCCA MOUNTAIN REGION, SOUTHERN NEVADA AND EASTERN CALIFORNIA FOR CALENDAR YEAR 1993 | 01/01/93-12/01/93 | FIELD DATA COLLECTED ACCORDING TO HP-26, R1, METHOD FOR CALIBRATING WATER-LEVEL MEASUREMENT EQUIPMENT USING THE REFERENCE STEEL TAPE; HP-54,R1, WATER-FLOW MEASUREMENTS USING 90 V-NOTCH WEIRS, FLUMES AND BARRELS; HP-61,R0, USE OF HAND-HELD STEEL TAPES (IN VERTICLE 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. | АУР |
| | ACQN/DEVL LOCATION : N363530 (N) E1160234 (N N362929 (N) E1160857 (N N362021 (N) E1161330 (N N363213 (N) E1161338 (N N362229 (N) E1161637 (N N362420 (N) E1161637 (N N362432 (N) E1161657 (N N362530 (N) E1161715 (N N362530 (N) E1161727 (N N361957 (N) E1161752 (N N363805 (N) E1161759 (N N362513 (N) E1161927 (N N362555 (N) E1161904 (N N362555 (N) E1161927 (N N362555 (N) E1161927 (N N362555 (N) E1162028 (N N362555 (N) E1162028 (N N363428 (N) E1162033 (N N363428 (N) E1162340 (N N363428 (N) E1162340 (N N363428 (N) E1162447 (N N363428 (N) E1162447 (N N363428 (N) E1162447 (N N3631017 (N) E1162447 (N N36310 (N) E1162040 (N N364105 (N) E1162040 (N N36310 (N) E1162040 (N N36310 (N) E1163247 (N N36310 (N) E1163329 (N) N N3635520 (N) E116370 (N) N) N E116370 (N) | | | |

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| | ENVIRONMENTAL MONITO | RING AND MITIGATION | PLAN | DQ AUL TAO ALC IA TFT |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | Y I I P E O E D N |
| | N365445(N) E1163839(N) N362230(N) E1163929(N) N364130(N) E1164112(N) N362252(N) E1164253(N) N362728(N) E1165011(N) UE-25 J#11 UE-25 J#12 UE-25 J#13 UE-25 P#1 UE-25 WT#13 UE-25 WT#15 USW VH-1 | | | |
| *GS940900121347.002 | SELECTED GROUND-WATER DATA FOR YUCCA MOUNTAIN REGION, SOUTHERN NEVADA AND EASTERN CALIFORNIA, FOR CALENDAR YEAR 1993, BY GLENN S. HALE AND CRAIG L. WESTENBURG | 05/01/94-08/01/94 | DATA WAS CHECKED FOR ACCURACY AND REASONABLENESS AND DEVELOPED ACCORDING TO STANDARD USGS PROCEDURE | DNP |
| | ACON/DEVL LOCATION : USGS WRD, LAS VEGAS, | NV | | |
| TM00000000001.001 | GAMMA SPECTRAL DATA FROM ENVIRONMENTAL PROTECTION AGENCY (EPA) SAMPLES, CONFIRMATORY DATA ONLY. | 10/14/87-12/24/89 | SEE RADIOLOGICAL MONITORING PLAN AND APPLICABLE PROCEDURES. THIS IS RAW GAMMA SPECTROSCOPY DATA FOR ANALYSIS OF RADIOLOGICAL SAMPLES AS DEFINED IN THE RADMP. | ANC |
| | ACQN/DEVL LOCATION : NEAR FIELD/FAR FIELD | | | |
| | | | | |
| TM000000000001.002 | RADON MONITORING DATA REPORT (TERRADEX) FIRST QUARTER OF 1987. | 01/01/87-04/30/87 | SEE APPLICABLE BRANCH TECHNICAL PROCEDURES-ER(S) IN FORCE DURING THE PERIOD. | ANC |
| | ACQN/DEVL LOCATION : RMP LOCATION 6, 1-5 | | | |
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| | ENVIRONMENTAL MONITO | DRING AND MITIGATION | i Plan | DQ AUL TAO ALC IA TFT YII PEO |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | EDN |
| TM00000000001.003 | RADIATION SURVEY AND LEAK TEST/SMEER Data from January Cy90 to August Cy90. | 01/01/90-09/30/90 | HEALTH STANDARD PRACTICES: NOTE COLLECTIO WAS CONSISTENT WITH PROCEDURES (INSTRUCTIONS BEING ISSUED IN THE RADIOLOGICAL MONITORING INSTRUCTION MANUAL, TMSS/RFPD-90/001). | N A N C |
| | ACON/DEVL LOCATION : AREA 25/NTS | | | |
| TM000000000001.027 | VISIBLE EMISSION OBSERVATION FORMS | 07/08/92-07/08/92 | OBSERVATION BY A TRAINED OBSERVER OF VISIBLE EMISSIONS | ANP |
| | ACQN/DEVL LOCATION : YUCCA MOUNTAIN AREA | | | |
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| | METEOROLOGICA | L MONITORING PLAN | | A U T A A I T F |
|-------------------|---|-----------------------|--|--------------------------|
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METROD | Р I Е I |
| TM00000000001.018 | METEOROLOGICAL DATA FOR THE YUCCA MOUNTAIN SITE FROM SEPTEMBER 1988 THROUGH AUGUST 1989. | 09/01/88-08/31/89 | ELECTRONIC INSTRUMENTATION. | נא |
| | ACQN/DEVL LOCATION : N766434(N) E558862(N) N766195(N) E562876(N) N761795(N) E569127(N) N769661(N) E576810(N) | | | |
| | N733230(N) E580882(N) | | $(\mathcal{M}_{\mathcal{M}}^{(1)}) = (\mathcal{M}_{\mathcal{M}}^{(1)}) $ | |
| TM00000000001.021 | AMBIENT AIR MONITORING REPORT, JULY - September 1991 | 07/01/91-09/30/91 | AUTOMATIC FIELD COLLECTION OF METEOROLOGICAL DATA | D |
| | ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE A | REA | | |
| | | | | |
| TM00000000001.022 | METEOROLOGICAL DATA FOR YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT, FOR THE PERIOD OF DECEMBER 1985 TO AUGUST 1989. | 12/01/85-08/31/89 | AUTOMATIC RECORDING BY DATA LOGGERS | A |
| | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE A | REA | an an an Anna a Anna an Anna an | |
| | | | | |
| TM00000000001.023 | METEOROLOGICAL DATA FOR THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FOR THE PERIOD OF DECEMBER 1985 TO | 12/01/85-08/31/89 | AUTOMATIC RECORDING BY DATA LOGGERS | A |
| | AUGUST 1989 | and the second second | | |
| | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE A | REA | | |
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| | METEOROLOGIC | AL MONITORING PLAN | | IA |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| | | | | |
| TM00000000001.024 | AMBIENT AIR MONITORING REPORT, JANUARY - March 1992 | 01/01/92-03/31/92 | REFORMATTING OF DATA ACQUIRED BY DATALOGGERS | DYC |
| | ACON/DEVL LOCATION : TEMSS | | | |
| | | ." | | |
| TM00000000001.025 | AMBIENT AIR MONITORING REPORT, OCTOBER - DECEMBER 1991 | 10/01/91-12/31/91 | REFORMATTING OF DATA ACQUIRED BY DATALOGGERS | DYC |
| | ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | and the second | |
| | | | | |
| тм00000000001.026 | AMBIENT AIR MONITORING REPORT, APRIL - JUNE 1992 | 04/01/92-06/30/92 | REFORMATTING OF DATA ACQUIRED BY DATALOGGERS | DYC |
| | ACON/DEVL LOCATION : TEMSS | | | |
| | | | | |
| TM00000000001.028 | SEVEN SUMMARY METEOROLOGICAL TABLES FOR The Period December 1987 Through November 1988 | 12/01/87-11/30/88 | DEVELOPMENT WAS FROM HOURLY DATA VALUES | DYP |
| | ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
| | | | | |
| тм00000000001.029 | QUARTERLY METEOROLOGICAL DATA REPORT, December 1987 Through February 1988 | 12/01/87-02/29/88 | DATA WAS ACQUIRED FROM ON-SITE DATALOGGERS | DYC |
| | ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
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| | METEOROLOGIC | AL MONITORING PLAN | | T P A I J T H Y 1 |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | Р Р Е Г |
| TM00000000001.030 | QUARTERLY METEOROLOGICAL DATA REPORT, March 1988 Through May 1988 | 03/01/88-05/31/88 | DATA WAS ACQUIRED FROM ON-SITE DATALOGGERS | נסו |
| | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
| TM00000000001.031 | QUARTERLY METEOROLOGICAL DATA REPORT, June 1988 Through August 1988 | 06/01/88-08/31/88 | DATA WAS ACQUIRED FROM ON-SITE DATALOGGERS | ; D ! |
| | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
| TM00000000001.032 | QUARTERLY METEOROLOGICAL DATA REPORT, DECEMBER 1988 THROUGH FEBRUARY 1989 | 12/01/88-02/28/89 | DATA WAS ACQUIRED FROM ON-SITE DATALOGGERS | 5 D 1 |
| | ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
| TM000000000001.033 | AMBIENT AIR MONITORING REPORT, JULY - September 1992 | 07/01/92-09/30/92 | REFORMATTING OF DATA ACQUIRED BY DATALOGGERS | D |
| | ACQN/DEVL LOCATION : TEMSS | | | |
| TM000000000001.034 | AMBIENT AIR MONITORING REPORT, OCTOBER - December 1992 | 10/01/92-12/01/92 | REFORMATTING OF DATA ACQUIRED BY DATALOGGERS | D |
| | ACQN/DEVL LOCATION : TEMSS | | en de la construction de la constru La construction de la construction d | ير رمون |
| TM00000000001.036 | AMBIENT AIR MONITORING REPORT, JANUARY - March 1993 | 01/01/93-03/31/93 | REFORMATTING OF DATA ACQUIRED BY DATALOGGERS | D |
| | ACON/DEVL LOCATION : TEMSS | | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | |
| TM00000000001.037 | METEOROLOGICAL MONITORING PROGRAM Summary Report, december 1985 Through December 1991 | 12/01/85-12/31/91 | REFORMATTING OF DATA ACQUIRED FROM DATALOGGERS | DYT |
| a da da da compositiona da seconda da second Na seconda da seconda d | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
| TM00000000001.038 | ORIGINAL SOURCE DATA FOR METEOROLOGICAL MONITORING PROGRAM SUMMARY REPORT, DECEMBER 1985 THROUGH DECEMBER 1991. | 12/01/85-12/31/91 | DATA WAS ACQUIRED FROM ON-SITE DATALOGGERS | AYC |
| | ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | an a | |
| TM00000000001.039 | PARTICULATE MATTER AIR QUALITY DATA January 1992 Through September 1992 | 01/01/91-09/30/92 | HIGH-VOLUME AIR SAMPLING OF AIRBORNE Particulate matter and gravimetric filter Analysis | AYC |
| | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
| TM00000000001.040 | PARTICULATE MATTER AMBIENT AIR QUALITY DATA REPORT FOR 1991 | 01/01/91-12/31/91 | COMPILATION OF DATA FROM PARTICULATE DATA FORMS | DYP |
| | ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
| TM00000000001.041 | PARTICULATE AIR QUALITY DATA FORMS, January Thru June 1991, Accession no. NNA.930809.0006 "Original Source Data" | 01/01/91-06/30/91 | ENTRY OF PARTICULATE DATA ON TO FILTER WEIGHT LOGBOOKS AND PARTICULATE SAMPLER DATA RECORDS | АУР |
| | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
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| METEOROLOGICAL MONITORING PLAN T T T DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METROD T DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METROD T TM00000000001.042 PARTICULATE AIR QUALITY FORMS, JULY TRU 07/01/91-09/30/91 ENTRY OF PARTICULATE DATA ON TO FILTER A X NNA. 320131.0152 "ORIGINAL SOURCE DATA" DATA RECORDS AL X TM00000000001.043 PARTICULATE AIR QUALITY FORMS, OCTOBER 10/01/91-12/31/91 ENTRY OF PARTICULATE DATA ON TO FILTER A X TM00000000001.043 PARTICULATE AIR QUALITY FORMS, OCTOBER 10/01/91-12/31/91 ENTRY OF PARTICULATE DATA ON TO FILTER A Y METEOROUSS ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA DATA RECORDS A Y TM00000000001.044 AMBIENT AIR MONITORING REPORT, APRIL - 04/01/93-06/30/93 REFORMATIING OF DATA ACQUIRED BY D Y DATA MEDICATION : YUCCA MOUNTAIN SITE AREA T DATA ACQUIRED BY DATALOGGERS A Y TM00000000001.045 AMBIENT AIR MONITORING DATA, JANUARY - 01/01/93-06/30/93 DATA ACQUIRED BY DATALOGGERS A Y TM000000000001.045 AMBIENT AIR MONITORING | | | | | D Q A U T A A I | 1 1 1 1 |
|--|-------------------|---|--------------------|--|--------------------------|----------------------|
| DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METHOD E TM00000000001.042 PARTICULATE AIR QUALITY FORMS, JULY THRU 07/01/91-09/30/91 ENTRY OF PARTICULATE DATA ON TO FILTER AX A X NNA.920131.0152 "ORIGINAL SOURCE DATA" DATA RECORDS AND PARTICULATE DATA ON TO FILTER AX A X M000000000001.043 PARTICULATE AIR QUALITY FORMS, OCTOBER INVO. 10/01/91-12/31/91 ENTRY OF PARTICULATE DATA ON TO FILTER DATA ON TO FILTER AX A X M000000000000000000000000000000000000 | | METEOROLOGIC | AL MONITORING PLAN | | I TF YI PE | () () (5 |
| TM00000000001.042 PARTICULATE AIR QUALITY FORMS, JULY THRU SEPTEMBER 1991, ACCESSION NO. NNA.920131.0152 07/01/91-09/30/91 ENTRY OF PARTICULATE DATA ON TO FILTER WEIGHT LOGBOOKS AND PARTICULATE SAMPLER DATA RECORDS A Y WEIGHT LOGBOOKS AND PARTICULATE SAMPLER DATA RECORDS TM00000000001.043 PARTICULATE AIR QUALITY FORMS, OCTOBER THRU DECEMBER 1991, ACCESSION NO. NNA.920331.0035 10/01/91-12/31/91 ENTRY OF PARTICULATE DATA ON TO FILTER WEIGHT LOGBOOKS AND PARTICULATE SAMPLER A Y WEIGHT LOGBOOKS AND PARTICULATE SAMPLER TM000000000001.043 PARTICULATE AIR QUALITY FORMS, OCTOBER THRU DECEMBER 1991, ACCESSION NO. NNA.920331.0035 10/01/91-12/31/91 ENTRY OF PARTICULATE DATA ON TO FILTER WEIGHT LOGBOOKS AND PARTICULATE SAMPLER A Y WEIGHT LOGBOOKS AND PARTICULATE SAMPLER TM000000000001.044 PARTICULATE AIR MONITORING REPORT, APRIL - JUNE 1993 04/01/93-06/30/93 REFORMATTING OF DATA ACQUIRED BY DATALOGGERS D Y DATALOGGERS TM0000000000001.045 AMBIENT AIR MONITORING DATA, JANUARY - JUNE 1993 01/01/93-06/30/93 DATA ACQUIRED BY DATALOGGERS A Y DATALOGGERS TM0000000000001.045 AMBIENT AIR MONITORING DATA, JANUARY - JUNE 1993 01/01/93-09/30/93 DATA ACQUIRED BY DATALOGGERS A Y DATALOGGERS RM000000000001.046 AMBIENT AIR MONITORING DATA, JULY - SEPTEMBER 1993 07/01/93-09/30/93 DATA ACQUIRED BY DATALOGGERS A Y DATALOGGERS ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE | ATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | E D |) - |
| ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA TM00000000001.043 PARTICULATE AIR QUALITY FORMS, OCTOBER 10/01/91-12/31/91 ENTRY OF PARTICULATE DATA ON TO FILTER A Y THRU DECEMBER 1991, ACCESSION NO. NNA. 920331.0035 "ORIGINAL SOURCE DATA" ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA TM00000000001.044 AMBIENT AIR MONITORING REPORT, APRIL - 04/01/93-06/30/93 REFORMATTING OF DATA ACQUIRED BY D Y JUNE 1993 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA TM00000000001.045 AMBIENT AIR MONITORING DATA, JANUARY - 01/01/93-06/30/93 DATA ACQUIRED BY DATALOGGERS ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA TM000000000001.045 AMBIENT AIR MONITORING DATA, JANUARY - 01/01/93-06/30/93 DATA ACQUIRED BY DATALOGGERS ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA TM000000000001.046 AMBIENT AIR MONITORING DATA, JULY - 07/01/93-09/30/93 DATA ACQUIRED BY DATALOGGERS ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA TM000000000001.046 AMBIENT AIR MONITORING DATA, JULY - 07/01/93-09/30/93 DATA ACQUIRED BY DATALOGGERS ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA | M000000000001.042 | PARTICULATE AIR QUALITY FORMS, JULY THRU SEPTEMBER 1991, ACCESSION NO. NNA.920131.0152 "ORIGINAL SOURCE DATA" | 07/01/91-09/30/91 | ENTRY OF PARTICULATE DATA ON TO FILTER WEIGHT LOGBOOKS AND PARTICULATE SAMPLER DATA RECORDS | A Y | (|
| TM0000000001.043 PARTICULATE AIR QUALITY FORMS, OCTOBER THRU DECEMBER 1991, ACCESSION NO. NNA.920331.0035 "ORIGINAL SOURCE DATA" 10/01/91-12/31/91 ENTRY OF PARTICULATE DATA ON TO FILTER WEIGHT LOGBOOKS AND PARTICULATE SAMPLER DATA RECORDS A Y WEIGHT LOGBOOKS AND PARTICULATE SAMPLER DATA RECORDS M00000000001.044 AMBIENT AIR MONITORING REPORT, APRIL - JUNE 1993 04/01/93-06/30/93 REFORMATTING OF DATA ACQUIRED BY DATALOGGERS D Y DATALOGGERS RM00000000001.045 AMBIENT AIR MONITORING DATA, JANUARY - JUNE 1993 01/01/93-06/30/93 DATA ACQUIRED BY DATALOGGERS A Y DATALOGGERS RM00000000001.046 AMBIENT AIR MONITORING DATA, JULY - SEFTEMBER 1993 07/01/93-09/30/93 DATA ACQUIRED BY DATALOGGERS A Y DATALOGGERS RM00000000001.046 AMBIENT AIR MONITORING DATA, JULY - SEFTEMBER 1993 07/01/93-09/30/93 DATA ACQUIRED BY DATALOGGERS A Y DATALOGGERS | · · · · · · | ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | | |
| ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA M00000000001.044 AMBIENT AIR MONITORING REPORT, APRIL - 04/01/93-06/30/93 REFORMATTING OF DATA ACQUIRED BY D Y DATALOGGERS D Y DATALOGGERS A CQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA M000000000001.045 AMBIENT AIR MONITORING DATA, JANUARY - 01/01/93-06/30/93 DATA ACQUIRED BY DATALOGGERS A Y ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA M00000000001.046 AMBIENT AIR MONITORING DATA, JULY - 07/01/93-09/30/93 DATA ACQUIRED BY DATALOGGERS A Y SEPTEMBER 1993 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA | M00000000001.043 | PARTICULATE AIR QUALITY FORMS, OCTOBER THRU DECEMBER 1991, ACCESSION NO. NNA.920331.0035 "ORIGINAL SOURCE DATA" | 10/01/91-12/31/91 | ENTRY OF PARTICULATE DATA ON TO FILTER WEIGHT LOGBOOKS AND PARTICULATE SAMPLER DATA RECORDS | TA Y | ſ |
| Immoododddoddi.044 Ambient Air Monitoring Report, April - 04/01/93-06/30/93 Reformatting of Data Acquired By D Y Acqn/Devl Location : Yucca Mountain Site Area 01/01/93-06/30/93 Data Acquired By DataLoggers A Y Immooddddddoddoddoddoddoddoddoddoddoddodd | | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | | |
| ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA MO0000000001.045 AMBIENT AIR MONITORING DATA, JANUARY - 01/01/93-06/30/93 DATA ACQUIRED BY DATALOGGERS A Y ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA MO00000000001.046 AMBIENT AIR MONITORING DATA, JULY - 07/01/93-09/30/93 DATA ACQUIRED BY DATALOGGERS A Y ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA | M00000000001.044 | AMBIENT AIR MONITORING REPORT, APRIL - JUNE 1993 | 04/01/93-06/30/93 | REFORMATTING OF DATA ACQUIRED BY DATALOGGERS | DY | ť |
| M00000000001.045 AMBIENT AIR MONITORING DATA, JANUARY - 01/01/93-06/30/93 DATA ACQUIRED BY DATALOGGERS A Y JUNE 1993 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA M000000000001.046 AMBIENT AIR MONITORING DATA, JULY - 07/01/93-09/30/93 DATA ACQUIRED BY DATALOGGERS A Y SEPTEMBER 1993 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA | | ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | | |
| ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA MO0000000001.046 AMBIENT AIR MONITORING DATA, JULY - 07/01/93-09/30/93 DATA ACQUIRED BY DATALOGGERS A Y SEPTEMBER 1993 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA | M00000000001.045 | AMBIENT AIR MONITORING DATA, JANUARY - June 1993 | 01/01/93-06/30/93 | DATA ACQUIRED BY DATALOGGERS | A Y | r |
| M00000000001.046 AMBIENT AIR MONITORING DATA, JULY - 07/01/93-09/30/93 DATA ACQUIRED BY DATALOGGERS A Y SEPTEMBER 1993 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA | | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | | |
| ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA | M000000000001.046 | AMBIENT AIR MONITORING DATA, JULY - September 1993 | 07/01/93-09/30/93 | DATA ACQUIRED BY DATALOGGERS | SAY | Y |
| | | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | and the second | | |
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| METEOROLOGICA | L MONITORING PLAN | | DQ AUL TAO ALC IA |
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| TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | Y I I P E O E D N |
| AMBIENT AIR MONITORING REPORT, JULY - September 1993 | 07/01/93-09/30/93 | REFORMATTING OF DATA ACQUIRED BY DATALOGGERS | ртс |
| ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE A | REA | | |
| METEOROLOGICAL MONITORING PROGRAM Summary Report, January 1992 Through December 1992 | 01/01/92-12/31/92 | DATA ACQUIRED FROM ON-SITE DATALOGGERS | DYC |
| ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE A | REA | na an an an an tha tha tha ann an an a <u>n 1</u> 10. An anns an | |
| ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED | 01/01/92-12/31/92 | DATA ACQUIRED FROM ON-SITE DATALOGGERS | AYC |
| ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE A | REA | | |
| ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED | 01/01/93-06/30/93 | DATA ACQUIRED FROM ON-SITE DATALOGGERS | AYP |
| ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE A | REA | | |
| ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED | 07/01/93-09/30/93 | DATA ACQUIRED FROM ON-SITE DATALOGGERS | АУР |
| ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE A | REA | | |
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| | 8 - 19 1 ^{9 1} 9 | | |
| | METEOROLOGICA TITLE/DESCRIPTION AMBIENT AIR MONITORING REPORT, JULY - SEPTEMBER 1993 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE A METEOROLOGICAL MONITORING PROGRAM SUMMARY REPORT, JANUARY 1992 THROUGH DECEMBER 1992 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE A ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE A ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE A ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE A | METEOROLOGICAL MONITORING PLAN MILLE/DESCRIPTION ACQN/DEVL PERIOD AMBIENT AIR MONITORING REPORT, JULY - 07/01/93-09/30/93 SEPTEMBER 1993 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA METEOROLOGICAL MONITORING PROGRAM 01/01/92-12/31/92 SUMMARY REPORT, JANUARY 1992 THROUGH 01/01/92-12/31/92 DECEMBER 1992 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA ORIGINAL SOURCE DATA FOR: ATMOSPHERIC 01/01/92-12/31/92 PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRCCTION; AND WIND SPEED 01/01/93-06/30/93 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA 01/01/93-06/30/93 CRIGINAL SOURCE DATA FOR: ATMOSPHERIC 01/01/93-06/30/93 PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRCCTION; AND WIND SPEED 07/01/93-09/30/93 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA 07/01/93-09/30/93 CRIGINAL SOURCE DATA FOR: ATMOSPHERIC 07/01/93-09/30/93 PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRCCTION; AND WIND SPEED 07/01/93-09/30/93 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA 07/01/93-09/30/93 ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE ARE | IIIIE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL PERIOD AMBIENT AIR MONITORING REPORT, JULY - 07/01/93-09/30/93 REFORMATTING OF DATA ACQUIRED BY DATALOGGERS ACGN/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA 01/01/92-12/31/92 DATA ACQUIRED FROM ON-SITE DATALOGGERS DECEMBER 1992 01/01/92-12/31/92 DATA ACQUIRED FROM ON-SITE DATALOGGERS CON/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA 01/01/92-12/31/92 DATA ACQUIRED FROM ON-SITE DATALOGGERS CON/DEVL LOCATION : YUCCA MOUNTAIN SITE AREA 01/01/92-12/31/92 DATA ACQUIRED FROM ON-SITE DATALOGGERS PERSSURE, PRECIPITATION QUANTITY; PERSSURE, PRECORTRE, PRECIP |

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| | METEOROLOGIC | AL MONITORING PLAN | | I A T F T |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | YII PEO EDN |
| TM00000000001.052 | ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; RELATIVE HUMIDITY; TEMPERATURE; WIND DIRECTION; AND WIND SPEED | 10/01/93-12/31/93 | DATA ACQUIRED FROM ON-SITE DATALOGGERS | АУР |
| | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
| TM00000000001.053 | AMBIENT AIR MONITORING REPORT, OCTOBER - December 1993 | 10/01/93-12/31/93 | REFORMATTING OF DATA FROM ON-SITE DATALOGGERS | DYC |
| | ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
| TM000000000001.054 | ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE; PRECIPITATION QUANTITY; Relative Humidity; Temperature; Wind Direction; And Wind Speed | 01/01/94-03/31/94 | DATA ACQUIRED FROM ON-SITE DATALOGGERS | АҮР |
| | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
| TM00000000001.055 | AMBIENT AIR MONITORING REPORT, JANUARY - March 1994 | 01/01/94-03/31/94 | REFORMATTING OF DATA FROM ON-SITE DATALOGGERS | рлс |
| | ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
| TM000000000001.056 | ORIGINAL SOURCE DATA FOR: ATMOSPHERIC PRESSURE, PRECIPITATION QUANTITY, RELATIVE HUMIDITY, TEMPERATURE, WIND DIRECTION, AND WIND SPEED | 04/01/94-06/30/94 | DATA ACQUIRED FROM ON-SITE DATALOGGERS | ₩₩ АЧР |
| •••••••••••••••••••••••••••••••••••••• | ACQN/DEVL LOCATION : YUCCA MOUNTAIN SITE | AREA | | |
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| | METEOROLOGIC | AL MONITORING PLAN | | ALC IA TFT |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | Y I I P E O E D N |
| TM00000000001.057 | AMBIENT AIR MONITORING REPORT, APRIL - June 1994 | 04/01/94-06/30/94 | REFORMATTING OF DATA FROM ON-SITE DATALOGGERS | DYP |
| | ACON/DEVL LOCATION : YUCCA MOUNTAIN SITE A | AREA | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PE ED |
| GS930200012547.001 | PHYSICAL AND FLOW PROPERTIES OF 100 CORE | 03/10/92-10/28/92 | USGS HP-229,R1, DETERMINATION OF WATER | A N |
| | SAMPLES FROM CALICO HILLS AND TOPOPAH SPRING UNITS USED IN A STUDY ON THE EFFECTS OF HIGH TEMPERATURE ON HYDROLOGIC PROPERTIES OF VOLCANIC TUFF. | | CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES, WAS USED TO DETERMINE BULK DENSITY, POROSITY, AND PARTICLE DENSITY. AIR AND WATER PERMEABILITY WERE DONE USING A STEADY STATE PERMEAMETER, SORPTIVITY WAS CALCULATED FROM IMBIBITION EXPERIMENTS WHERE IMBIBITION = SORPTIVITY * TIME^1/2. PARTICLE DENSITY WAS ALSO DETERMINED USING A HELLIM PYCNOMETER. | |
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| | ACON/DEVL LOCATION : USGS HRF, NTS AREA 25 | , MERCURY, NV | | |
| 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. | A N |
| | | | RESPECTIVELY. | |
| | 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 SUBSAMPLES OF THE CALICO HILLS AND TOPOPAH SPRING SAMPLES THAT WERE PREVIOUSLY HEATED TO 60, 105, 200, 300 AND 400 DEGREES C. | AN |
| | and the second | | 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. | |
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| | PERFORMANCE ASSES | Sment Management Pl | | IA TFT YII |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| 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. | DNP |
| | ACQN/DEVL LOCATION : USGS HRF, NTS, NV | | | |
| 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 EVAPOTRANSPORATION AS CLIMATIC INPUT | DNP |
| an e an tha a | ACON/DEVL LOCATION : USGS HYDROLOGIC RESEA | RCH FACILITY, NTS, | NV | |
| SNL19011590002.001 | LOGBOOK FOR GRAVITY-DRIVEN INSTABILITY IN A PARTIALLY WETTED FRACTURE EXPERIMENT. | 06/11/92-02/28/93 | YMP EP-0031, REV. 0: "UNSATURATED FLOW AND TRANSPORT EXPERIMENTS". AN EXPERIMENTAL APPARATUS COMPOSED OF A ROTATING TEST STAND (RTS), FRACTURE TEST CELL, AND TRANSMITTED-LIGHT VISUALIZATION SYSTEM WAS DESIGNED TO FACILITATE OBSERVATION OF WETTING-FRONT ADVANCE IN | ANC |
| | (a) A set of the se | t ta se a successione | TRANSPARENT ANALOG FRACTURES. THE RTS HOLDS A TEST CELL CONTAINING THE ANALOG FRACTURE, DIGITAL CAMERA, AND LIGHTING IN RIGID, REPRODUCIBLE ALIGNMENT. ALL EXPERIMENTS WERE IMAGED AND RECORDED AT PRE-DETERMINED INTERVALS. (FOR MORE DETAIL SEE EP-0031 & LOGBOOK PAGES I THRU | |
| na seren en e | ACON/DEVL LOCATION : SNL | an a | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVI. METHOD | PE ED |
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| SNL19011590002.002 | LOGBOOK FOR SINGLE FINGER IN INITIALLY DRY FRACTURE EXPERIMENT. | 01/23/90-02/28/93 | AN EXPERIMENTAL APPARATUS COMPOSED OF A ROTATING TEST STAND (RTS), FRACTURE TEST | A N |
| | | | CELL, AND TRANSMITTED-LIGHT VISUALIZATION SYSTEM WAS DESIGNED TO FACILITATE | |
| to and a second second second second | | | OBSERVATION OF WETTING-FRONT ADVANCE IN TRANSPARENT ANALOGUE FRACTURES. THE RTS | |
| | | | HOLDS A TEST CELL CONTAINING THE ANALOGUE | |
| | | | SYSTEM IN RIGID, REPRODUCIBLE ALIGNMENT. | |
| | | | CLAMPED ONTO THE TEST-PLANE TABLE OF THE | |
| | | | RTS. DATA IS ACQUIRED BY A CHARGE-COUPLED-DEVICE (CCD) VIDEO CAMERA | |
| | | | ATTACHED TO THE SUPERSTRUCTURE OF THE RTS | |
| | and a second | | EXPERIMENTS ARE IMAGED AND RECORDED AT | |
| | | | DETAIL SEE: EP-0031 & LOGBOOK PAGES I | |
| | and a standard standard standard | | THRU III). | |
| | ACQN/DEVL LOCATION : SNL | | | |

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ACON/DEVL LOCATION : SNL

PARTIALLY WETTED FRACTURE.

3.) GRAVITY-DRIVEN INSTABILITY IN A

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| | PERFORMANCE ASSES | SMENT MANAGEMENT PL | AN | I A TFT YII | |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN | |
| SNL19011590002.004 | LOGBOOK FOR FULL FIELD INSTABILITY IN A NATURAL FRACTURE EXPERIMENT. | 01/20/93-01/20/93 | YMP EP-0031, REV. 0: "UNSATURATED FLOW AND TRANSPORT EXPERIMENTS" (FOR MORE DETAIL SEE LOGBOOK ENTRY 01/20/93). | ANC | |
| | ACQN/DEVL LOCATION : SNL-SANDIA NATIONAL L | ABORATORIES | | | |
| SNL19011590003.001 | LOGBOOK FOR INVESTIGATION OF FRACTURE-MATRIX INTERACTION: PRELIMINARY EXPERIMENTS IN A SIMPLE SYSTEM. | 11/17/92-11/18/92 | SEE EXPERIMENTAL METHOD PG. 2 OF NOTEBOOK. EXPERIMENT INVOLVED IMAGING OF TRANSIENT MOISTURE CONTENT FIELDS, BY MEANS OF X-RAY ABSORPTION TECHNIQUE, OF THE MATRIX IMBIBITION EFFECT ON SATURATED FLOW THROUGH A SIMPLE FRACTURE (FOR PLANE CUT NORMAL TO FRACTURE). | ANC | |
| | ACQN/DEVL LOCATION : SNL | | | | |
| *SNL21080194001.001 | SATURATED CASE (14 20 10). TEMPERATURES ALONG BOTTOM, MIDDLE & TOP ROWS OF A TEST CELL. | 06/01/93-06/23/93 | SAND WAS PLACED IN A 2-DIMENSIONAL APARATUS THAT WAS HEATED FROM BELOW AND COOLED AT THE TOP. TEMPERATURES WERE RECORDED WITH THERMOCOUPLES PLACED ALONG THE BOTTOM, MIDDLE & TOP OF THE TEST CELL. THE SATURATION OF THE SAND WAS VARIED FOR DIFFERENT RUNS. TEMPERATURES WERE RECORDED AT PREDETERMINED INTERVALS. | ANP | |
| | ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM | | | | |
| SNSAND84107600.000 | CONTACTS OF THERMAL/MECHANICAL STRATIGRAPHIC UNITS, SAND84-1076: "A THREE-DIMENSIONAL MODEL OF REFERENCE | 08/26/78-11/07/82 | A THREE-DIMENSIONAL MODEL OF THE THERMAL/MECHANICAL AND HYDROLOGICAL REFERENCE STRATIGRAPHY AT YUCCA MOUNTAIN | DNT | |
| tan sa ta | THERMAL/MECHANICAL AND HYDROLOGICAL STRATIGRAPHY AT YUCCA MOUNTAIN, SOUTHERN NEVADA" NNA.890315.0013 | | WAS DEVELOPED FOR USE IN PERFORMANCE ASSESSMENT AND REPOSITORY DESIGN STUDIES. THE REFERENCE STRATIGRAPHY DEFINES UNITS WITH DISTINCT THERMAL, PHYSICAL. | | |
| | | | MECHANICAL AND HYDROLOGICAL PROPERTIES. THE MODEL IS A COLLECTION OF SURFACE REPRESENTATIONS, EACH SURFACE REPRESENTING THE BASE OF A PARTICULAR UNIT. (FOR MORE DETAIL SEE SAND84-1076) | - | |
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| PERFORMANCE ASSESSMENT MANAGEMENT PLAN | | | | |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| | ACQN/DEVL LOCATION : SNL | | | |
| SNSAND90272600.000 | SAND90-2726: "TECHNICAL SUMMARY OF THE PERFORMANCE ASSESSMENT CALCULATIONAL EXERCISES FOR 1990 (PACE-90), VOLUME 1: "NOMINAL CONFIGURATION" HYDROGEOLOGIC PARAMETERS AND CALCULATIONAL RESULTS." NNA.910523.0001 | 07/01/90-12/01/90 | THE PRIMARY OBJECTIVES OF THE EXERCISE WERE TO DEVELOP PERFORMANCE-ASSESSMENT COMPUTATIONAL CAPABILITIES OF YMP PARTICIPANTS AND TO AID IN IDENTIFYING CRITICAL ELEMENTS AND PROCESSES ASSOCIATED WITH THE CALCULATION. THE PROBLEM DEFINED WAS SIMULATION OF A "NOMINAL CASE" GROUNDWATER FLOW AND TRANSPORT OF A SELECTED GROUP OF RADIONUCLIDES THROUGH A PORTION OF YUCCA MOUNTAIN. BOTH 1-D AND 2-D CALCULATIONS WERE RUN FOR A MODELING PERIOD OF 100,000 YEARS. (FOR MORE DETAIL SEE SAND90-2726). | DNC |
| | ACQN/DEVL LOCATION : SNL | | | |
| SNSAND92224800.000 | SAND92-2248 "ESTIMATIONS OF THE EXTENT OF MIGRATION OF SURFICIALLY APPLIED WATER FOR VARIOUS SURFACE CONDITIONS NEAR THE POTENTIAL REPOSITORY PERIMETER." | 07/01/92-01/01/93 | INFORMATION IN THIS REPORT PERTAIN TO TWO-DIMENSIONAL NUMERICAL CALCULATION MODELING THE MOVEMENT OF SURFICIALLY APPLIED WATER AND THE POTENTIAL EFFECTS OF THAT WATER ON REPORTING PERFORMANCE AND UNDERGROUND EXPERIMENTS. | DNP |
| | ACQN/DEVL LOCATION : SNL, ALBUQUERQUE, NM | | • | |
| **SNSAND93085200.000 | SAND93-0852: "THE APPROPRIATENESS OF ONE-DIMENSIONAL YUCCA MOUNTAIN HYDROLOGIC CALCULATIONS" (NNA.930930.0068) | 01/01/93-07/01/93 | THE OBJECTIVE WAS TO BRING INTO FOCUS THE RESULTS OF STUDIES THAT ADDRESSED ISSUES ASSOCIATED WITH THE VALIDITY OF ASSUMPTIONS USED TO JUSTIFY REDUCING THE DIMENSIONALITY OF NUMERICAL CALCULATIONS OF WATER FLOW THROUGH YUCCA MOUNTAIN, NV. RESULTS IMPLY THAT THE USE OF | DNC |
| | <pre></pre> | | ONE-DIMENSIONAL MODELING TO ANALYZE A Multi-dimensional problem may be less Restrictive than previously assumed (see Sand93-0852 for more detail). | |
| | ACQN/DEVL LOCATION : SNL | | | |
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| | PERFORMANCE ASSESSMENT MANAGEMENT PLAN | | TAO ALC IA TFT | | |
| DATA TRACKING NO. | ATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD |
| TM000000000001.019 | RADON MONITORING DATA REPORT (TERREDEX) FIRST QUARTER OF 1989. | 01/01/89-04/01/89 | SEE APPLICABLE BTP-ER'S IN FORCE DURING THE PERIOD. |
| | ACQN/DEVL LOCATION : RMP LOCATION 6,1-5 | · · · · | |
| TM000000000001.020 | YUCCA MOUNTAIN PROJECT SITE RADIOLOGICAL MONITORING REPORT FOR CALENDAR YEAR 1988. | 01/01/88-12/31/88 | COLLECTION METHODS CONSISTENT WITH THE COLLECTION METHODS SPECIFIED IN THE ENVIRONMENTAL REGULATORY GUIDE FOR RADIOLOGICAL EFFLUENT MONITORING AND ENVIRONMENTAL SURVEILLANCE JANUARY 1991 AS |
| · · · · · · · · · · · · · · · · · · · | | e de la composición d | REQUIRED BY DOE ORDER 5400.5 FEBRUARY 8, 1990. |
| | ACON/DEVI LOCATION : 84 KM RADIUS OF N765 | 621.5(N), E570434.6 | (N) |
| TMO 00000001987.00 | NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS PROJECT ENVIRONMENTAL MONITORING PROGRAM SUMMARY FOR 1987. | 09/11/87-12/31/87 | COLLECTION METHODS CONSISTENT WITH THE COLLECTION METHODS SPECIFIED IN THE ENVIRONMENTAL REGULATORY GUIDE FOR RADIOLOGICAL EFFLUENT MONITORING AND |
| | | and the second second | ENVIRONMENTAL SURVEILLANCE JANUARY 1991 AN REQUIRED BY DOE ORDER 5400.5 FEBRUARY 8, 1990. |
| | ACON/DEVL LOCATION : 84 KM RADIUS OF N765 | 621.5(N), E570434.6 | (N) |
| | | | |
| TM00000001991.00 | ENVIRONMENTAL THERMOLUMINESCENT Dosimeter (TLD) data for first quarter 1991. | 01/17/91-03/29/91 | TLD DATA ACQUIRED PER T&MSS WORK Instructions WI-RM-901, WI-RM-902, WI-RM-903, AND WI-RM-905. |
| | ACON/DEVL LOCATION : RFPD NEAR AND FAR FI | ELD MONITORING SITE: | S |
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| RADIOLOGICAL MONITORING FLAN DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METROD ACQN/DEVL METROD TH000000001991.002 ENVIRONMENTAL THERMOLIMINESCENT 03/22/91-06/27/91 TLD DATA ACQUIRED FER TEMES MORE A Y C NC-M-00000001991.002 ENVIRONMENTAL THERMOLIMINESCENT 03/22/91-06/27/91 TLD DATA ACQUIRED FER TEMES MORE A Y C NC-M-000000001991.003 ENVIRONMENTAL THERMOLIMINESCENT 06/24/91-10/30/91 TLD DATA ACQUIRED FER TEMES MORE A Y C MINIMACTION : RFFD NEAR AND FAR FIELD MONITORING SITES 06/24/91-10/30/91 TLD DATA ACQUIRED FER TEMES MORE A Y C MINIMACTION : RFFD NEAR AND FAR FIELD MONITORING SITES TH000000001991.003 ENVIRONMENTAL THERMOLIDINESCENT 09/27/91-01/24/92 TLD DATA ACQUIRED FER TEMES WORE A Y C MINIMACTION : RFFD NEAR AND FAR FIELD MONITORING SITES TH000000001991.005 EFENH DATA FOR NOAR QUARTER 09/27/91-01/24/92 TLD DATA ACQUIRED FER TEMES WORE A Y C MINIMACTION : RFFD NEAR AND FAR FIELD MONITORING SITES TH000000001991.005 EFENH DATA FOR NAME FAR FIELD MONITORING SITES TH000000001991.005 EFENH DATA FOR NAME A Y C MINIMACTION : RFFD NEAR FIELD MONITORING SITES TH000000001991.005 EFENH DATA FOR MARCH 1991. 03/05/91-04/06/91 EFENH DATA ACQUIR | | | 30 | | |
|--|--------------------|---|---------------------|--|--------------------------------------|
| DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METHOD ACQN/DEVL METHOD TH0000000001991.002 ENVIRONMENTAL THERMOLUMINESCENT 03/29/91-06/27/91 TLD DATA ACQUIRED PER TEMSS NORK A Y C NCT-NH-303, AND WI-RM-301, WI-RM-302, NI-RM-303, AND WI-RM-303, AND WI-RM-303, AND WI-RM-303, AND WI-RM-303, AND WI-RM-303, AND WI-RM-303, AND WI-RM-301, | | RADIOLOGICAL | . MONITORING PLAN | | DQ AUL TAO ALC IA TFT |
| TH000000001991.002 ENVIRONMENTAL THERMOLUMINESCENT 03/29/91-06/27/91 TLD DATA ACQUIRED PER TANSS WORK A Y C NC20/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES ACQM/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES TH000000001991.003 ENVIRONMENTAL THERMOLUMINESCENT 06/24/91-10/30/91 TLD DATA ACQUIRED PER TANSS WORK A Y C N000000001991.003 ENVIRONMENTAL THERMOLUMINESCENT 06/24/91-10/30/91 TLD DATA ACQUIRED PER TANSS WORK A Y C N000000001991.004 ENVIRONMENTAL THERMOLUMINESCENT 06/24/91-01/24/92 TLD DATA ACQUIRED PER TANSS WORK A Y C TM000000001991.004 ENVIRONMENTAL THERMOLUMINESCENT 09/27/91-01/24/92 TLD DATA ACQUIRED PER TANSS WORK A Y C IJ931. ACQM/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES TLD DATA ACQUIRED PER TANSS WORK A Y C TM000000001991.005 EPERM DATA FOR JANDARY AND FEBRUARY 1991 01/18/91-03/05/91 TLD DATA ACQUIRED PER TANSS WORK A Y C ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES TM000000001991.006 EPERM DATA FOR MARCH 1991. 03/05/91-04/08/91 EPERM DATA ACQUIRED PER TANSS WORK A Y C ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES TM000000001991.006 EPERM DATA FOR MARCH 1991. 03/05/91-04/08/91 EPERM DAT | DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | Y I I P E O E D N |
| ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES TH000000001991.003 ENVIRONMENTAL THERMOLUMINESCENT 06/24/91-10/30/91 TLD DATA ACQUIRED PER TAMES WORK INTERN-902, WI-RM-903, AND WI-RM-902, WI-RM-903, AND WI-RM-903, AND WI-RM-902, WI-RM-903, AND WI-RM-903, AND WI-RM-903, AND WI-RM-902, WI-RM-903, AND WI-RM-903, AND WI-RM-902, WI-RM-903, AND WI-RM-903, AND WI-RM-903, AND WI-RM-903, AND WI-RM-903, AND WI-RM-903, AND WI-RM-902, WI-RM-903, AND WI-RM-770, ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES TH000000001991.006 EPERM DATA FOR MARCH 1991. 03/05/91-04/08/91 EPERM DATA ACQUIRED PER TAMSS WORK A Y C INSTRUCTION WI-RM-770. ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES TH000000001991.005 EPERM DATA FOR MARCH 1991. 03/05/91-04/08/91 EPERM DATA ACQUIRED PER TAMSS WORK A Y C INSTRUCTION WI-RM-770. ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES | TM00000001991.002 | ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR SECOND QUARTER 1991. | 03/29/91-06/27/91 | TLD DATA ACQUIRED PER T&MSS WORK Instructions WI-RM-901, WI-RM-902, WI-RM-903, AND WI-RM-905. | АҮС |
| TH000000001991.003 ENVIRONMENTAL THERMOLUMINESCENT 06/24/91-10/30/91 TLD DATA ACQUIRED PER TEMSS NORK INSTRUCTIONS WI-RM-903, WI-RM-902, WI-RM-903, AND WI-RM-903, AND WI-RM-903, AND WI-RM-903, ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES A Y C TM000000001991.004 ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR FOURTH QUARTER 09/27/91-01/24/92 TLD DATA ACQUIRED PER TEMSS WORK INSTRUCTIONS WI-RM-903, AND WI-RM-903, WI-RM-903, AND WI-RM-901, WI-RM-902, WI-RM-903, AND WI-RM-903, AND WI-RM-902, WI-RM-903, AND WI-RM-903, AND WI-RM-903, WI-RM-903, AND WI-RM-903, AND WI-RM-903, WI-RM-903, AND WI-RM-903, AND WI-RM-903, WI-RM-903, AND WI-RM-903, AND WI-RM-903, WI-RM-903, AND WI-RM-903, WI-RM-903, WI-RM-903, AND WI-RM-903, WI-RM-903, WI-RM-903, AND WI-RM-903, AND WI-RM-903, ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES TM000000001991.006 EPERM DATA FOR MARCH 1991. 03/05/91-04/08/91 EPERM DATA ACQUIRED PER TEMSS NORK INSTRUCTION WI-RM-770. A Y C ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES A CQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES | · | ACON/DEVL LOCATION : RFPD NEAR AND FAR FIE | LD MONITORING SITES | | |
| ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES TH000000001991.004 ENVIRONMENTAL THERMOLUMINESCENT 09/27/91-01/24/92 TLD DATA ACQUIRED PER TEMSS WORK A Y C DOSIMETER (TLD) DATA FOR FOURTH QUARTER 09/27/91-01/24/92 TLD DATA ACQUIRED PER TEMSS WORK INSTRUCTIONS WI-RM-902, WI-RM-903, AND WI-RM-903, AND WI-RM-905. ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES TH000000001991.005 EPERM DATA FOR JANUARY AND FEBRUARY 1991 01/18/91-03/05/91 EPERM DATA ACQUIRED PER TEMSS WORK A Y C INSTRUCTION WI-RM-770. ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES TH000000001991.006 EPERM DATA FOR MARCH 1991. 03/05/91-04/08/91 EPERM DATA ACQUIRED PER TEMSS WORK A Y C INSTRUCTION WI-RM-770. ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES | TM00000001991.003 | ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR THIRD QUARTER 1991. | 06/24/91-10/30/91 | TLD DATA ACQUIRED PER TEMSS WORK Instructions WI-RM-901, WI-RM-902, WI-RM-903, AND WI-RM-905. | AYC |
| TH00000001991.004 ENVIRONMENTAL THERMOLUMINESCENT 09/27/91-01/24/92 TLD DATA ACQUIRED PER TEMSS WORK A Y C DSIMETER (TLD) DATA FOR FOURTH QUARTER NITROCTIONS WI-RM-901, WI-RM-902, WI-RM-905. ACQN/DEVL LOCATION : RFFD NEAR AND FAR FIELD MONITORING SITES TH000000001991.005 EPERM DATA FOR JANUARY AND FEBRUARY 1991 01/18/91-03/05/91 EPERM DATA ACQUIRED PER TEMSS WORK A Y C ACQN/DEVL LOCATION : RFFD NEAR FIELD MONITORING SITES ACQN/DEVL LOCATION : RFFD NEAR FIELD MONITORING SITES EPERM DATA ACQUIRED PER TEMSS WORK A Y C TH000000001991.006 EPERM DATA FOR MARCH 1991. 03/05/91-04/08/91 EPERM DATA ACQUIRED PER TEMSS WORK A Y C MO0000001991.006 EPERM DATA FOR MARCH 1991. 03/05/91-04/08/91 EPERM DATA ACQUIRED PER TEMSS WORK A Y C ACQN/DEVL LOCATION : RFFD NEAR FIELD MONITORING SITES ACQN/DEVL LOCATION : RFFD NEAR FIELD MONITORING SITES ACQN/DEVL LOCATION : RFFD NEAR FIELD MONITORING SITES | | ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIE | LD MONITORING SITES | | |
| ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES TH000000001991.005 EFERM DATA FOR JANUARY AND FEBRUARY 1991 01/18/91-03/05/91 EFERM DATA ACQUIRED FER TEMSS WORK A Y C INSTRUCTION WI-RM-770. ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES TH000000001991.006 EFERM DATA FOR MARCH 1991. 03/05/91-04/08/91 EFERM DATA ACQUIRED FER TEMSS WORK A Y C INSTRUCTION WI-RM-770. ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES | TM00000001991.004 | ENVIRONMENTAL THERMOLUMINESCENT Dosimeter (TLD) data for fourth quarter 1991. | 09/27/91-01/24/92 | TLD DATA ACQUIRED PER TEMSS WORK Instructions WI-RM-901, WI-RM-902, WI-RM-903, and WI-RM-905. | AYC |
| TH000000001991.005 EPERM DATA FOR JANUARY AND FEBRUARY 1991 01/18/91-03/05/91 EPERM DATA ACQUIRED PER TEMSS WORK A Y C ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES 03/05/91-04/08/91 EPERM DATA ACQUIRED PER TEMSS WORK A Y C TM000000001991.006 EPERM DATA FOR MARCH 1991. 03/05/91-04/08/91 EPERM DATA ACQUIRED PER TEMSS WORK A Y C INSTRUCTION WI-RM-770. ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES NOT | | ACON/DEVL LOCATION : RFPD NEAR AND FAR FIE | LD MONITORING SITES | | |
| ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES TH000000001991.006 EPERM DATA FOR MARCH 1991. 03/05/91-04/08/91 EPERM DATA ACQUIRED PER T&MSS WORK A Y C INSTRUCTION WI-RM-770. ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES | TM000000001991.005 | EPERM DATA FOR JANUARY AND FEBRUARY 1991 | 01/18/91-03/05/91 | EPERM DATA ACQUIRED PER TEMSS WORK INSTRUCTION WI-RM-770. | AYC |
| TM00000001991.006 EPERM DATA FOR MARCH 1991. 03/05/91-04/08/91 EPERM DATA ACQUIRED PER TEMSS WORK A Y C INSTRUCTION WI-RM-770. ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES | | ACON/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES | and a second second Second second second Second second | |
| ACON/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES | TM00000001991.006 | EPERM DATA FOR MARCH 1991. | 03/05/91-04/08/91 | EPERM DATA ACQUIRED PER TEMSS WORK INSTRUCTION WI-RM-770. | AYC |
| | | ACON/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | E D |) N |
| TM000000001991.007 | EPERM DATA FOR APRIL 1991. | 04/08/91-05/08/91 | EPERM DATA ACQUIRED PER TAMSS WORK INSTRUCTION WI-RM-770. | АY | (C |
| | ACQN/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES | | | |
| TM00000001991.008 | EPERM DATA FOR MAY 1991. | 05/08/91-06/10/91 | EPERM DATA ACQUIRED PER TAMSS WORK INSTRUCTION WI-RM-770. | ΑY | : c |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES | | | |
| TM000000001991.009 | EPERM DATA FOR JUNE 1991. | 06/10/91-07/10/91 | EPERM DATA ACQUIRED PER TEMSS WORK INSTRUCTION WI-RM-770. | АУ | : C |
| • | ACON/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES | | | |
| TM000000001991.010 | EPERM DATA FOR JULY 1991 | 07/10/91-08/08/91 | EPERM DATA ACQUIRED PER TEMSS WORK INSTRUCTION WI-RM-770. | АУ | : c |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES | | | |
| TM000000001991.011 | EPERM DATA FOR AUGUST 1991. | 08/08/91-09/13/91 | EPERM DATA ACQUIRED PER TEMSS WORK INSTRUCTION WI-RM-770. | АЧ | : с |
| • • • • | ACQN/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES | | | |
| TM000000001991.012 | EPERM DATA FOR SEPTEMBER 1991 | 09/13/91-10/09/91 | EPERM DATA ACQUIRED PER TAMSS WORK INSTRUCTION WI-RM-770. | ΑY | : c |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES | | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | |
| тмоооооооо1991.013 | EPERM DATA FOR OCTOBER 1991 | 10/09/91-11/05/91 | EPERM DATA ACQUIRED PER TEMSS WORK Instruction WI-RM-770. | A Y C |
| 2+ | ACON/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES | an a | |
| тм00000001991.014 | EPERM DATA FOR NOVEMBER 1991. | 11/05/91-12/10/91 | EPERM DATA ACQUIRED PER TEMSS WORK Instruction WI-RM-770. | А Y C |
| | ACQN/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES | | |
| TM000000001991.015 | EPERM DATA FOR DECEMBER 1991. | 12/10/91-01/07/92 | EPERM DATA ACQUIRED PER TEMSS WORK INSTRUCTION WI-RM-770. | AYC |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES | n an | a a t |
| TM000000001991.016 | ONT OF A KIND PRESSURIZED IONIZATION Chamber Stripcharts from Site FF19 Amargosa Valley During 1991. | 01/01/91-12/02/91 | DATA ACQUIRED BY EPA PERSONNEL WORKING TO PROCEDURES NOT APPROVED BY THE PROJECT. | ANC |
| - | ACQN/DEVL LOCATION : FF19-AMARGOSA VALLEY | | | |
| TM00000001991.017 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1991 SOIL SAMPLES. SAMPLES Obtained from Near Field Sites 6, 10, 11, 61, 67, 88, 91, 92, 93, AND UZ-16 | 07/11/92-09/03/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | AYC |
| | (UE-25UZ#16) ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF | WESTWOOD, N.J. | | |
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| | RADIOLOGICA | L MONITORING PLAN | | T I Y : |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | |
| M000000001991.040 | DECEMBER 1991 PRESSURIZED IONIZATION CHAMBER DATA. | 12/03/91-01/09/92 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WOR INSTRUCTIONS WI-RM-904 AND WI-RM-906. | KA S |
| | ACON/DEVL LOCATION : RFPD FAR AND NEAR FI SITES. | ELD ENVIRONMENTAL MC | DNITORING | |
| rm000000001992.001 | EPERM DATA FOR JANUARY 1992. | 01/07/92-02/12/92 | EPERM DATA ACQUIRED PER T&MSS WORK Instruction WI-RM-770. | А |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD MONI | TORING SITES | | |
| rm000000001992.002 | EPERM DATA FOR FEBRUARY 1992. | 02/12/92-03/10/92 | EPERM DATA ACQUIRED PER TAMSS WORK Instruction WI-RM-770. | A |
| and the second | ACON/DEVL LOCATION : RFPD NEAR FIELD MONI | TORING SITES | | |
| rm000000001992.003 | EPERM DATA FOR MARCH 1992. | 03/09/92-04/14/92 | EPERM DATA ACQUIRED PER TAMSS WORK Instruction WI-RM-770. | A |
| ay na na 11 an t | ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES | | | |
| rm000000001992.004 | ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR APRIL 1992 | 04/14/92-05/15/92 | EPERM DATA ACQUIRED PER TAMSS WORK Instruction WI-RM-770. | A |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD MONI | TORING SITES | | |
| IM000000001992.005 | ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR MAY 1992. | 05/15/92-06/05/92 | EPERM DATA ACQUIRED PER TAMSS WORK Instruction WI-RM-770. | A |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD MONI | TORING SITES. | | |

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| | . Karokatak | MONITORING PLAN | | I A T F T Y I I |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| TM00000001992.006 | ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR JUNE 1992. | 06/05/92-07/06/92 | EPERM DATA ACQUIRED PER TMSS WORK Instruction WI-RM-770. | А ЧС |
| | ACQN/DEVL LOCATION : RFPD NEAR FIELD SAMPL | ING SITES | | |
| TM00000001992.007 | ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR JULY 1992. | 07/06/92-08/05/92 | EPERM DATA ACQUIRED PER TMSS WORK INSTRUCTION WI-RM-770. | AYC |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD SAMPL | ING SITES | | |
| TM000000001992.008 | ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR AUGUST 1992. | 08/05/92-09/04/92 | EPERM DATA ACQUIRED PER TEMSS WORK INSTRUCTION WI-RM-770. | AYC |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES. | | |
| TM000000001992.009 | ENVIRONMENTAL RADON MEASUREMENTS USING EPERMS FOR SEPTEMBER 1992. | 09/04/92-10/02/92 | EPERM DATA ACQUIRED PER TMSS WORK INSTRUCTION WI-RM-770. | AYC |
| | ACQN/DEVL LOCATION : RFPD NEAR FIELD SAMPL | ING SITES | and a state of the | · . |
| ТМОООООООО1992.010 | ENVIRONMENTAL RADON MEASUREMENTS FOR OCTOBER 1992. | 10/02/92-11/04/92 | DATA ACQUIRED PER TEMSS WORK INSTRUCTION WI-RM-770. | ЪУС |
| · · · · | ACQN/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES. | | |
| TM000000001992.011 | ENVIRONMENTAL RADON MEASUREMENTS FOR NOVEMBER 1992. | 11/04/92-12/02/92 | DATA ACQUIRED PER TMSS WORK INSTRUCTION WI-RM-770. | м у с |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES. | | ÷ |
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| DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METROD F DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METROD F TM000000001992.012 ENVIRONMENTAL RADON MEASUREMENTS FOR 12/02/92-01/04/93 DATA ACQUIRED PER TMSS MORK INSTRUCTION A Y DECEMBER 1992. ACQN/DEVL LOCATION : RFFD NEAR FIELD MONITORING SITES. THO00000001992.013 ENVIRONMENTAL THERMOLUMINESCENT (TLD) 01/03/92-04/10/92 TLD DATA ACQUIRED PER TEMES WORK A Y DOSIMETER (TLD) DATA FOR FIRST QUARTER OF 1992. 01/03/92-04/10/92 TLD DATA ACQUIRED PER TEMES WORK A Y TM000000001992.014 ENVIRONMENTAL THERMOLUMINESCENT 03/25/92-07/10/92 TLD EXCHANGE AND HANDLING PER TEMES WORK A Y DOSIMETER (TLD) DATA FOR THER OWARTER 03/25/92-07/10/92 TLD EXCHANGE AND HANDLING PER TEMES WORK A Y TM000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT 03/25/92-01/13/92 TLD EXCHANGE AND HANDLING PER THES WORK A Y TH000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER THES WORK A Y TH000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER THES WO | | RADIOLOGICAL | MONITORING PLAN | | AŪ TA AL I |
|--|-----------------------|--|----------------------|--|--------------------------|
| TM000000001992.012 ENVIRONMENTAL RADON MEASUREMENTS FOR 12/02/92-01/04/93 DATA ACQUIRED PER TMSS WORK INSTRUCTION A Y M000000001992.013 ENVIRONMENTAL THERMOLUMINESCENT (TLD) 01/03/92-04/10/92 TLD DATA ACQUIRED PER TEMES WORK A Y M000000001992.013 ENVIRONMENTAL THERMOLUMINESCENT (TLD) 01/03/92-04/10/92 TLD DATA ACQUIRED PER TEMES WORK A Y M000000001992.014 ENVIRONMENTAL THERMOLUMINESCENT (TLD) 01/03/92-07/10/92 TLD DATA ACQUIRED PER TEMES WORK A Y M000000001992.014 ENVIRONMENTAL THERMOLUMINESCENT (TLD) 03/25/92-07/10/92 TLD EXCHANGE AND HANDLING PER TEMES WORK A Y M000000001992.014 ENVIRONMENTAL THERMOLUMINESCENT (TLD) 03/25/92-07/10/92 TLD EXCHANGE AND HANDLING PER TEMES WORK A Y M000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT (TLD) 03/25/92-10/13/92 TLD EXCHANGE AND HANDLING PER TEMES WORK A Y M000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT (DS MARTER (TLD) DATA FOR THIRD QUARTER 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TEMES WORK A Y M1000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT (DS MARTER) 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TEMES WORK A Y M000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT (DS MARTER) | DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | T F Y I P E E D |
| TH000000001992.012 ENVIRONMENTAL RADON MEASUREMENTS FOR 12/02/92-01/04/93 DATA ACQUIRED PER THSS WORK INSTRUCTION A Y MC000000001992.013 ENVIRONMENTAL THERMOLUMINESCENT (TLD) 01/03/92-04/10/92 TLD DATA ACQUIRED PER TEMSS WORK A Y N000000001992.013 ENVIRONMENTAL THERMOLUMINESCENT (TLD) 01/03/92-04/10/92 TLD DATA ACQUIRED PER TEMSS WORK A Y NC000000001992.014 ENVIRONMENTAL THERMOLUMINESCENT (TLD) 01/03/92-04/10/92 TLD DATA ACQUIRED PER TEMSS WORK A Y NC000000001992.014 ENVIRONMENTAL THERMOLUMINESCENT (DOSIMETER (TLD) DATA FOR SECOND QUARTER 03/25/92-07/10/92 TLD EXCHANGE AND HANDLING PER TEMSS WORK A Y NC000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT (DOSIMETER (TLD) DATA FOR SECOND QUARTER 03/25/92-07/10/92 TLD EXCHANGE AND HANDLING PER TEMSS WORK A Y NC000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT (DOSIMETER (TLD) DATA FOR THIRD QUARTER 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TEMSS WORK A Y NO00000001992.015 ENVIRONMENTAL THERMOLUMINESCENT (DOSIMETER (TLD) DATA FOR THIRD QUARTER 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TEMSS WORK A Y A Y NO00000001992.015 ENVIRONMENTAL THERMOLUMINESCENT (DOSIMETER (TLD) DATA FOR THIRD QUARTER 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TEMSS | | | | | |
| ACQN/DEVL LOCATION : RFPD NEAR FIELD MONITORING SITES. TM000000001992.013 ENVIRONMENTAL THERMOLUMINESCENT (TLD) 01/03/92-04/10/92 TLD DATA ACQUIRED PER TEMSS WORK A Y INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD PROCESSING BY VENDOR. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD MONITORING SITES TM000000001992.014 ENVIRONMENTAL THERMOLUMINESCENT 03/25/92-07/10/92 TLD EXCHANGE AND HANDLING PER TEMSS WORK A Y INSTRUCTIONS WI-RM-901, 902, 903, AND 905. 1992. ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES. TM000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TELEDINE 1992. ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES. TM000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TMSS WORK A Y INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD ANALYSIS PERFORMED BY TELEDINE ISOTOPES OF WESTWOOD, N.J. ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES. TM000000001992.017 ANALYSIS OF READING THERD QUARTER ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD MONITORING SITES. TM000000001992.017 ANALYSIS OF RADIOCHEMICAL NALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLES OF AND NORTH FORMAL FIELD SITES 6, 10, 11, 17, 61, 67, 69, 94, 95, S6, 100, ND 103, AND NORTH PORTAL TEST FITS TI4 AND TF30A. SAMPLES GATHERED BETWEEN 1/17/91 AND NORTH PORTAL TEST FITS TI4 AND NORTH OF AND NORTH PORTAL TEST FITS TI4 AND NORTH PORTAL TEST | rm000000001992.012 | ENVIRONMENTAL RADON MEASUREMENTS FOR DECEMBER 1992. | 12/02/92-01/04/93 | DATA ACQUIRED PER TMSS WORK INSTRUCTION WI-RM-770, REVISION 4 ICN 0. | АY |
| TM000000001992.013 ENVIRONMENTAL THERMOLUMINESCENT (TLD) 01/03/92-04/10/92 TLD DATA ACQUIRED PER TEMSS WORK A Y INSTRUCTIONS WI-RM-901, 902, 903, AND 905. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD MONITORING SITES TLD PROCESSING BY VENDOR. A Y TM000000001992.014 ENVIRONMENTAL THERMOLUMINESCENT 03/25/92-07/10/92 TLD EXCHANGE AND HANDLING PER TEMSS WORK A Y INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD PROCESSING BY VENDOR. A Y INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD PROCESSING BY TELEDYNE 03/25/92-07/10/92 INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD MAILYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, N.J. ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES. 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TEMS WORK A Y INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD DATAIYSIS PERFORMED BY TELEDYNE 1SOTOPES OF WESTWOOD, N.J. ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD MONITORING SITES. 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TEMS WORK A Y NALVESS OF MEAR FIELD ONL AFOR THIRD QUARTER 03/16/92-07/15/92 TLD ANALYSIS PERFORMED BY TELEDYNE INSTRUCTION: RFPD FAR FIELD AND NEAR FIELD MONITORING SITES. 03/16/92-07/15/92 RADIOCHEMICAL ANALYSIS PERFORMED BY A Y MALYSIS OF MEAR | | ACQN/DEVL LOCATION : RFPD NEAR FIELD MONIT | ORING SITES. | na el 1999 - Charles Charles and Charles and Charles | |
| ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD MONITORING SITES TM000000001992.014 ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR SECOND QUARTER 1992. ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES. TM000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR THIRD QUARTER 1992. TM000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR THIRD QUARTER 1992. ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD MONITORING SITES. TM000000001992.017 ANALYSIS OF RADIOCHEMICAL ANALYSIS OF MEAR FIELD SOIL SAMPLES. SOIL SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 17, 61, 67, 89, 94, 95, 96, 100, AND 103, AND MORTH PORTAL TEST FITS TF14 AND TF30A. SAMPLES GATHERED BETWEEN 1/17/51 AND 4/21/92. | IM000000001992.013 | ENVIRONMENTAL THERMOLUMINESCENT (TLD) DATA FOR FIRST QUARTER OF 1992. | 01/03/92-04/10/92 | TLD DATA ACQUIRED PER TAMSS WORK Instructions WI-RM-901, 902, 903, and 905. TLD processing by Vendor. | А У |
| TM00000001992.014 ENVIRONMENTAL THERMOLUMINESCENT 03/25/92-07/10/92 TLD EXCHANGE AND HANDLING PER T4MSS WORK A Y INSTRUCTIONS WIT-RM-901, 902, 903, AND 905. 1992. ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES. TM000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TMSS WORK A Y INSTRUCTIONS WIT-RM-901, 902, 903, AND 905. 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TMSS WORK A Y INSTRUCTIONS WIT-RM-901, 902, 903, AND 905. 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TMSS WORK A Y INSTRUCTIONS WIT-RM-901, 902, 903, AND 905. 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TMSS WORK A Y INSTRUCTIONS WIT-RM-901, 902, 903, AND 905. 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TMSS WORK A Y INSTRUCTIONS WIT-RM-901, 902, 903, AND 905. 01 INSTRUCTIONS WIT-RM-901, 902, 903, AND 905. 1992. NALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, N.J. ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD MONITORING SITES. 03/16/92-07/15/92 TM000000001992.017 ANALYSIS OF NEAR FIELD SOIL SAMPLES. 03/16/92-07/15/92 SOIL SAMPLES OF RADIOCHEMICAL 03/16/92-07/15/92 RADIOCHEMICAL ANALYSIS PERFORMED BY SITES 6, 10, 11, 17, 61, 67, 89, 94, 95, 96, 100, A | | ACON/DEVL LOCATION : RFPD FAR AND NEAR FIR | LD MONITORING SITES | 3 | · |
| ACQN/DEVL LOCATION : RFPD NEAR AND FAR FIELD MONITORING SITES. TM000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR THIRD QUARTER 1992. ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD MONITORING SITES. TM000000001992.017 ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 17, 61, 67, 89, 94, 95, 98, 100, AND 103, AND NORTH FORTAL TEST PITS TP14 AND TP30A. SAMPLES GATHERED BETMENN 1/17/91 AND 4/21/92. TM000000001992.017 | TM000000001992.014 | ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR SECOND QUARTER 1992. | 03/25/92-07/10/92 | TLD EXCHANGE AND HANDLING PER T4MSS WORK INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, N.J. | АY |
| TM000000001992.015 ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR THIRD QUARTER 06/29/92-10/13/92 TLD EXCHANGE AND HANDLING PER TMSS WORK A Y INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, N.J. ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD MONITORING SITES. TM000000001992.017 ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 17, 61, 67, 89, 94, 95, 98, 100, AND 103, AND NORTH FORTAL TEST FITS TP14 AND TR30A. SAMPLES GATHERED BETWEEN 1/17/91 AND 4/21/92. 03/16/92-07/15/92 RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. A Y | | ACON/DEVL LOCATION : RFPD NEAR AND FAR FIR | LD MONITORING SITES | 3. | |
| ACQN/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD MONITORING SITES. TM000000001992.017 ANALYTICAL RESULTS OF RADIOCHEMICAL 03/16/92-07/15/92 RADIOCHEMICAL ANALYSIS PERFORMED BY A Y ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 17, 61, 67, 89, 94, 95, 98, 100, AND 103, AND NORTH PORTAL TEST PITS TP14 AND TP30A. SAMPLES GATHERED BETWEEN 1/17/91 AND 4/21/92. | TM000000001992.015 | ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR THIRD QUARTER 1992. | 06/29/92-10/13/92 | TLD EXCHANGE AND HANDLING PER TMSS WORK INSTRUCTIONS WI-RM-901, 902, 903, AND 905. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, N.J. | АY |
| TM000000001992.017 ANALYTICAL RESULTS OF RADIOCHEMICAL 03/16/92-07/15/92 RADIOCHEMICAL ANALYSIS PERFORMED BY A Y ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 17, 61, 67, 89, 94, 95, 98, 100, AND 103, AND NORTH PORTAL TEST PITS TP14 AND TP30A. SAMPLES GATHERED BETWEEN 1/17/91 AND 4/21/92. | | ACQN/DEVL LOCATION : RFPD FAR FIELD AND NE | LAR FIELD MONITORING | s sites. | |
| 98, 100, AND 103, AND NORTH PORTAL TEST PITS TP14 AND TP30A. SAMPLES GATHERED BETWEEN 1/17/91 AND 4/21/92. | TM000000001992.017 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 17, 61, 67, 89, 94, 95, | 03/16/92-07/15/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | AY |
| | te strange stationer. | 98, 100, AND 103, AND NORTH PORTAL TEST PITS TP14 AND TP30A. SAMPLES GATHERED BETWEEN 1/17/91 AND 4/21/92. | | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | |
| ТМ00000001992.018 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD CONTINUOUS AIR SAMPLER (CAS) FILTERS FOR THE FIRST, SECOND AND THIRD QUARTERS OF 1991. SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 61, AND 67. | 03/27/92-06/17/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | AYC |
| | ACON/DEVL LOCATION : TELEDYNE ISOTOPES OF | WESTWOOD, NJ. | | |
| TM000000001992.019 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLE OBTAINED FROM NEAR FIELD SITES 88, 91, 92, 93, AND UZ16. SAMPLES GATHERED BETWEEN 10/2/91 AND 12/16/91. | 03/18/92-07/28/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | АYС |
| | ACON/DEVL LOCATION : TELEDYNE ISOTOPES OF | WESTWOOD, NJ. | | |
| TM00000001992.020 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD SOIL SAMPLES. SOIL SAMPLES OBTAINED FROM NEAR FIELD SITES 17, 89, 94, 95, 98, 100, 103, NPH-TP14 AND TP30A, AND A25-011791. SAMPLES GATHERED BETWEEN 7/71/91 AND 4/21/92. | 07/23/92-08/07/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | AYC |
| • • • • • | ACON/DEVL LOCATION : TELEDYNE ISOTOPES OF | WESTWOOD, NJ. | n an an Arran an Arra an Arra an Arra an Arra an Arra. An Arra an Arra | |
| TM000000001992.021 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF NEAR FIELD CAS AIR FILTERS. SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 61, AND 67. SAMPLES GATHERED BETWEEN 10/2/91 AND 1/7/92 (4TH QUARTER 1991). | 07/09/92-07/23/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | AYC |
| na An an | ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF | WESTWOOD, NJ. | | : |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | |
| rm000000001992.022 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1992 NEAR FIELD CONTINUOUS AIR SAMPLES FROM FIRST QUARTER. SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 17, 61, 67, 86, AND 87. | 07/11/92-08/20/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | AY |
| · · · · · · · · · · · · · · · · · · · | ACON/DEVL LOCATION : TELEDYNE ISOTOPES OF | Westwood, N.J. | | |
| TM000000001992.023 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1992 NEAR FIELD SOIL SAMPLES. SAMPLES OBTAINED FROM NEAR FIELD SITES 6, 10, 11, 61, 67, 86, AND 87. | 07/24/92-09/04/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | ΑΥ |
| | ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF | WESTWOOD, N.J. | | |
| TM000000001992.024 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 2ND QTR 1992 CAS SAMPLES. SAMPLES OBTAINED FROM 3/30/92 THROUGH 6/26/92. | 08/29/92-10/06/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | ХY |
| | ACON/DEVL LOCATION : TELEDYNE ISOTOPES OF | WESTWOOD, N.J. | | |
| TM000000001992.025 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1ST QTR 1992 CAS SAMPLES. SAMPLES OBTAINED FROM 12/29/91 THROUGH 3/24/92. | 07/20/92-10/21/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | АУ |
| | ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF | Westwood, N.J. | | |
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| TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | P E - | E 0 D N |
| PO-210 RADIOCHEMICAL ANALYTICAL RESULTS FOR BIOTA, CAS, AND SOIL SAMPLES FROM WORK ORDER NUMBERS 4-2406, 4-2407, 4-2487, 4-2617, 4-2634, AND 4-2835. | 08/10/92-10/02/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | A . | ΥC |
| ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF | WESTWOOD, N.J. | | | |
| FAR FIELD SITE 19 AND 23 PRESSURIZED Ionization chamber measurements for 1992. | 12/02/91-11/06/92 | DATA ACQUIRED PER TMSS WORK INSTRUCTION WI-RM-904, REVISION 0. | A . | YC |
| ACON/DEVL LOCATION : FAR FIELD MONITORING | SITES 19 AND 23. | | | |
| PRESSURIZED IONIZATION CHAMBER DATA FOR January 1992. | 01/06/92-02/11/92 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-904 AND WI-RM-906. | A 1 | YP |
| ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIE SITES. | LD ENVIRONMENTAL MO | NITORING | | |
| PRESSURIZED IONIZATION CHAMBER DATA FOR FEBRUARY 1992. | 02/03/92-03/05/92 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-904 AND WI-RM-906. | A 1 | YP |
| ACON/DEVL LOCATION : RFPD FAR AND NEAR FIE SITES. | LD ENVIRONMENTAL MOI | NITORING | | |
| PRESSURIZED IONIZATION CHAMBER DATA FOR March 1992. | 03/04/92-04/01/92 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-904 AND WI-RM-906. | A | YP |
| ACON/DEVL LOCATION : RFPD FAR AND NEAR FIE SITES. | ld environmental mol | NITORING | | |
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| | TITLE/DESCRIPTION PO-210 RADIOCHEMICAL ANALYTICAL RESULTS FOR BIOTA, CAS, AND SOIL SAMPLES FROM WORK ORDER NUMBERS 4-2406, 4-2407, 4-2487, 4-2617, 4-2634, AND 4-2835. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF FAR FIELD SITE 19 AND 23 PRESSURIZED IONIZATION CHAMBER MEASUREMENTS FOR 1992. ACQN/DEVL LOCATION : FAR FIELD MONITORING PRESSURIZED IONIZATION CHAMBER DATA FOR JANUARY 1992. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIE SITES. PRESSURIZED IONIZATION CHAMBER DATA FOR FEBRUARY 1992. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIE SITES. PRESSURIZED IONIZATION CHAMBER DATA FOR FEBRUARY 1992. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIE SITES. PRESSURIZED IONIZATION CHAMBER DATA FOR MARCH 1992. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIE SITES. | TITLE/DESCRIPTION ACON/DEVL PERIOD FO-210 RADIOCHEMICAL ANALYTICAL RESULTS 08/10/92-10/02/92 FOR BIOTA, CAS, AND SOIL SAMPLES FROM WORK ORDER NUMBERS 4-2406, 4-2407, 4-2487, 4-2617, 4-2634, AND 4-2835. 08/10/92-10/02/92 ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF WESTWOOD, N.J. FAR FIELD SITE 19 AND 23 PRESSURIZED 12/02/91-11/06/92 IONIZATION CHAMBER MEASUREMENTS FOR 1992. ACQN/DEVL LOCATION : FAR FIELD MONITORING SITES 19 AND 23. PRESSURIZED IONIZATION CHAMBER DATA FOR 01/06/92-02/11/92 JANUARY 1992. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MO SITES. PRESSURIZED IONIZATION CHAMBER DATA FOR 02/03/92-03/05/92 FEERUARY 1992. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MO SITES. PRESSURIZED IONIZATION CHAMBER DATA FOR 03/04/92-04/01/92 MARCH 1992. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MO SITES. PRESSURIZED IONIZATION CHAMBER DATA FOR 03/04/92-04/01/92 MARCH 1992. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MO | TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METHOD PO-210 RADIOCHEMICAL ANALYTICAL RESULTS 08/10/92-10/02/92 RADIOCHEMICAL ANALYTICAL RESULTS 08/10/92-10/02/92 PO-210 RADIOCHEMICAL ANALYTICAL RESULTS 08/10/92-10/02/92 RADIOCHEMICAL ANALYTICAL RESULTS 08/10/92-10/02/92 PO-210 RADIOCHEMICAL ANALYTICAL RESULTS 08/10/92-10/02/92 RADIOCHEMICAL ANALYSIS FERFORMED BT VENKO KAREM NUMBERS 47406, 4-2637. 08/10/92-10/02/92 RADIOCHEMICAL ANALYSIS FERFORMED BT VENKO KAREM NUMBERS 47406, 4-2637. 08/10/92-10/02/92 DATA ACQUIRED PER THSS WORK INSTRUCTION INFORTANCE HASS WORK INSTRUCTION WI-RM-904, REVISION 0. FAR FIELD SITE 19 AND 23 PRESSURIZED 12/02/91-11/06/92 DATA ACQUIRED PER THSS WORK INSTRUCTION 1992. ACQN/DEVL LOCATION : FAR FIELD MONITORING SITES 19 AND 23. PRESSURIZED IONIZATION CHAMBER DATA FOR 01/06/92-02/11/92 DATA ACQUIRED IN ACCORDANCE WITH THSS WORK INSTRUCTIONS WI-RM-904 AND WI-RM-906. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MONITORING SITES. PRESSURIZED IONIZATION CHAMBER DATA FOR 02/03/92-03/05/92 DATA ACQUIRED IN ACCORDANCE WITH THSS WORK INSTRUCTIONS WI-RM-904 AND WI-RM-906. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MONITORING SITES. PRESSURIZED IONIZATION CHAMBER DATA FOR 03/04/92-04/01/92 DATA ACQUIRED IN ACCORDANCE WITH THSS WORK INSTRUCTI | RADIOLOGICAL MONITORING FLAN TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METHOD T PO-210 FADIOCHEMICAL ANALYTICAL RESULTS 08/10/92-10/02/92 RADIOCHEMICAL ANALYSIS PERFORMED BY A PO-210 FADIOCHEMICAL ANALYTICAL RESULTS 08/10/92-10/02/92 RADIOCHEMICAL ANALYSIS PERFORMED BY A PO-210 FADIOCHEMICAL ANALYTICAL RESULTS 08/10/92-10/02/92 RADIOCHEMICAL ANALYSIS PERFORMED BY A POR SIGTA, CAS, AND SOLE SAMPLES FROM 08/10/92-10/02/92 RADIOCHEMICAL ANALYSIS PERFORMED BY A WORK OKDER NUMBERS 4-2405, 4-2637, 08/10/92-10/02/92 DATA ACQUIRED FER THESE WORK INSTRUCTION A FAR FIELD SITE 19 AND 23 PERSSURIZED 12/02/91-11/06/92 DATA ACQUIRED FER THESE WORK INSTRUCTION A MI-RM-904, LOCATION : FAR FIELD MONITORING SITES 19 AND 23. PRESSURIZED IONIZATION CHAMBER DATA FOR 01/06/92-02/11/92 DATA ACQUIRED IN ACCORDANCE WITH THESE WORK A JANGARY 1992. INSTRUCTION MI-RM-904 AND MI-RM-906. NISTRUCTION MI-RM-904 AND MI-RM-906. ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL HONITORING PRESSURIZED IONIZATION CHAMBER DATA FOR 02/03/92-03/05/92 DATA ACQUIRED IN ACCORDANCE WITH THESE WORK A INSTRUCTIONS MI-RM-904 AND MI-RM-906. NISTRUCTIONS MI-RM-904 AND MI-RM-906. ACQN/DEVL LOCATION : RFPD FAR AND |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVIL METHOD | |
| *TM000000001992.042 | PRESSURIZED IONIZATION CHAMBER DATA FOR APRIL 1992. | 04/01/92-05/06/92 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORP INSTRUCTIONS WI-RM-904 AND WI-RM-906. | 5 A Y : |
| | ACON/DEVL LOCATION : RFPD FAR AND NEAR FI SITES. | eld environmental MC | DNITORING | |
| *TM000000001992.043 | PRESSURIZED IONIZATION CHAMBER DATA FOR MAY 1992. | 05/01/92-06/02/92 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORF Instructions WI-RM-904 and WI-RM-906. | кач |
| | ACON/DEVL LOCATION : RFPD FAR AND NEAR FI SITES. | ELD ENVIRONMENTAL MC | DNITORING | |
| *TM000000001992.044 | PRESSURIZED IONIZATION CHAMBER DATA FOR JUNE 1992. | 06/01/92-07/09/92 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORF INSTRUCTIONS WI-RM-904 AND WI-RM-906. | KAY |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FI SITES. | ELD ENVIRONMENTAL M | DNITORING | |
| *TM000000001992.045 | PRESSURIZED IONIZATION CHAMBER DATA FOR JULY 1992. | 07/06/92-08/07/92 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORI INSTRUCTIONS WI-RM-904 AND WI-RM-906. | KAY |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FI SITES. | ELD ENVIRONMENTAL MO | DNITORING | |
| | | | | .: |
| *TM000000001992.046 | PRESSURIZED IONIZATION CHAMBER DATA FOR AUGUST 1992. | 08/02/92-09/11/92 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORI INSTRUCTIONS WI-RM-904 AND WI-RM-906. | КАЧ |
| | ACON/DEVL LOCATION : RFPD FAR AND NEAR FI | IELD ENVIRONMENTAL M | DNITORING | |

40 DO AUL TAO ALC RADIOLOGICAL MONITORING PLAN IA ΤFΤ YII PEO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN *TM000000001992.047 PRESSURIZED IONIZATION CHAMBER DATA FOR 09/01/92-10/02/92 DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P SEPTEMBER 1992. INSTRUCTIONS WI-RM-904 AND WI-RM-906. ACON/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MONITORING SITES. *TM000000001992.048 PRESSURIZED IONIZATION CHAMBER DATA FOR 10/01/92-11/06/92 DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P OCTOBER 1992. INSTRUCTIONS WI-RM-904 AND WI-RM-906. ACON/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MONITORING SITES. *TM00000001992.049 PRESSURIZED IONIZATION CHAMBER DATA FOR 11/05/92-12/04/92 DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P NOVEMBER 1992. INSTRUCTIONS WI-RM-904 AND WI-RM-906. ACON/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MONITORING SITES. *TM00000001992.050 PRESSURIZED IONIZATION CHAMBER DATA FOR 12/01/92-01/09/93 DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P DECEMBER 1992. INSTRUCTIONS WI-RM-904 AND WI-RM-906. ACON/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MONITORING SITES. TM00000001993.001 ENVIRONMENTAL RADON MEASUREMENTS FOR 01/04/93-02/04/93 DATA ACQUIRED PER TMSS WORK INSTRUCTION AYC JANUARY 1993. WI-RM-770, REVISION 4, ICN 0. ACON/DEVL LOCATION : RFPD FAR FIELD AND NEAR FIELD SITES. and the second . and the second أنكار والمعتور والمتنا المتعاد والمتعاد المعالم

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| TM00000001993.002 | ENVIRONMENTAL RADON MEASUREMENTS FOR FEBRUARY 1993. | 02/02/93-03/04/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-770, REVISION 4, ICN 0. | а у с |
| | ACQN/DEVL LOCATION : RFPD NEAR FIELD AND F | AR FIELD SITES. | | |
| TM00000001993.003 | ENVIRONMENTAL RADON MEASUREMENTS FOR March 1993. | 03/02/93-04/08/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-770, REVISION 4, ICN 0. | AYC |
| | ACON/DEVL LOCATION : RFPD FAR AND NEAR FIE | LLD SITES. | | |
| TM00000001993.010 | EPERM DATA FOR OCTOBER 1993 | 10/05/93-11/03/93 | ACQUIRED PER WI-RM-770, REV. 4, ICN 0. | а у с |
| | ACQN/DEVL LOCATION : NEAR FIELD SITES AND | FF83. | | |
| TM00000001993.011 | EPERM DATA FOR NOVEMBER 1993 | 11/03/93-12/03/93 | ACQUIRED PER WI-RM-770, REV. 4, ICN 0. | AYC |
| | ACON/DEVL LOCATION : NEAR FIELD SITES AND | FF83. | (1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1, | |
| TM00000001993.012 | EPERM DATA FOR DECEMBER 1993 | 12/03/93-01/05/94 | ACQUIRED PER WI-RM-770, REV. 4, ICN 0. | AYC |
| | ACON/DEVL LOCATION : NEAR FIELD SITES AND | FF83. | | |
| *TM00000001993.013 | PRESSURIZED IONIZATION CHAMBER DATA FOR JANUARY 1993. | 01/06/93-02/04/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-904 AND WI-RM-906. | AYP |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIN SITES. | ELD ENVIRONMENTAL MC | DNITORING | |
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DQ AUL TAO ALC RADIOLOGICAL MONITORING PLAN IA TFT YII PEO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN *TM000000001993.025 PRESSURIZED IONIZATION CHAMBER DATA FOR 01/06/93-02/04/93 DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P JANUARY 1993. INSTRUCTIONS WI-RM-904 AND WI-RM-906. ACON/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MONITORING SITES. *TM000000001993.026 PRESSURIZED IONIZATION CHAMBER DATA FOR 02/01/93-03/05/93 DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P FEBRUARY 1993 INSTRUCTIONS WI-RM-904 AND WI-RM-906. ACON/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MONITORING SITES · · · · · · *TM000000001993.027 PRESSURIZED IONIZATION CHAMBER DATA 03/03/93-04/08/93 DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P MARCH 1993 INSTRUCTIONS WI-RM-904 AND WI-RM-906. ACON/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MONITORING SITES *TM00000001993.028 PRESSURIZED IONIZATION CHAMBER DATA FOR 04/01/93-05/07/93 DATA ACOUIRED IN ACCORDANCE WITH TMSS WORK A Y P APRIL 1993 INSTRUCTIONS WI-RM-904 AND WI-RM-906. ACON/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MONITORING SITES *TM000000001993.029 PRESSURIZED IONIZATION CHAMBER DATA FOR 05/01/93-06/04/93 DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y P INSTRUCTIONS WI-RM-904 AND WI-RM-906. MAY 1993 ACON/DEVL LOCATION : RFPD FAR AND NEAR FIELD ENVIRONMENTAL MONITORING SITES

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| | RADIOLOGICAI | L MONITORING PLAN | |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD E D |
| TM000000001993.030 | PRESSURIZED IONIZATION CHAMBER DATA FOR JUNE 1993 | 06/01/93-07/09/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y INSTRUCTIONS WI-RM-904 AND WI-RM-906. |
| | ACON/DEVL LOCATION : RFPD FAR AND NEAR FIL SITES | eld environmental mo | DNITORING |
| TM000000001993.031 | PRESSURIZED IONIZATION CHAMBER DATA FOR JULY 1993 | 07/01/93-08/05/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y INSTRUCTIONS WI-RM-904 AND WI-RM-906. |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIL SITES | ELD ENVIRONMENTAL MO | DNITORING |
| a second second second | (a) The second seco | • | |
| TM000000001993.032 | PRESSURIZED IONIZATION CHAMBER DATA FOR AUGUST 1993 | 08/01/93-09/02/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y INSTRUCTIONS WI-RM-904 AND WI-RM-906. |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIN | eld environmental MC | DNITORING |
| a shara a sa | | | |
| rm000000001993.033 | PRESSURIZED IONIZATION CHAMBER DATA FOR SEPTEMBER 1993 | 09/01/93-10/07/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y INSTRUCTIONS WI-RM-904 AND WI-RM-906. |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FI SITES | ELD ENVIRONMENTAL MC | DNITORING |
| 1 · · · · · · · · · · · · · · · · · · · | and the second | and the second s | $ _{C^{\infty}(M)} = \sum_{i=1}^{N} _{C^{\infty}(M)} = \sum_{i=1}^{N} _{C^{\infty}(M)} = \sum_{i=1}^{N} $ |
| TM000000001993.034 | PRESSURIZED IONIZATION CHAMBER DATA FOR OCTOBER 1993 | 10/01/93-11/04/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK A Y INSTRUCTIONS WI-RM-904 AND WI-RM-906. |
| | ACON/DEVL LOCATION : RFPD FAR AND NEAR FI SITES | eld environmental mo | DNITORING |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| *TM000000001993.035 | PRESSURIZED IONIZATION CHAMBER DATA FOR NOVEMBER 1993 | 11/02/93-12/07/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-904 AND WI-RM-906. | АҮР |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIE SITES | LD ENVIRONMENTAL MO | NITORING | |
| *TM000000001993.036 | PRESSURIZED IONIZATION CHAMBER DATA FOR DECEMBER 1993 | 12/01/92-01/06/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-904 AND WI-RM-906. | АҮР |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIE SITES | ld environmental mo | NITORING | |
| *TM00000001993.041 | ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR MAY 1993. | 05/27/93-06/04/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 0, ICN 0. | AYP |
| | ACQN/DEVL LOCATION : RFPD NEAR FIELD SITE | 87 | en e | |
| *TM00000001993.042 | ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR JUNE 1993. | 06/04/93-07/02/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 0, ICN 0. | А Ү Р |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD SITES | 06 AND 87 | | |
| *TM00000001993.043 | ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR JULY 1993. | 07/02/93-08/03/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 0, ICN 0. | АУР |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD SITES | 06 AND 87 | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | Y P E | II EO DN |
| *TM000000001993.044 | ENVIRONMENTAL RADON MEASUREMENTS WITH Pylon continuous radon monitor for August 1993. | 08/03/93-09/02/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 0, ICN 0. | A | ΥP |
| | ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES | 06 AND 87 | | | |
| *TM00000001993.045 | ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR SEPTEMBER 1993. | 09/02/93-10/01/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK Instruction WI-RM-710, Revision 0, ICN 0. | : A | ΥP |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD SITES | 06 AND 87 | | | |
| *TM00000001993.046 | ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR OCTOBER 1993. | 10/01/93-11/02/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK Instruction WI-RM-710, Revision 0, ICN 0. | : A | ΎР |
| | ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES | 06 AND 87 | | | |
| **TM00000001993.047 | CONTINUOUS ENVIRONMENTAL RADON MEASUREMENTS FOR NOVEMBER 1993. | 01/12/93-11/29/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710. | (A | YC |
| | ACQN/DEVL LOCATION : NEAR FIELD SITES 6 AN | D 87. | | | |
| **TM000000001993.048 | CONTINUOUS ENVIRONMENTAL RADON MEASUREMENTS FOR DECEMBER 1993. | 11/29/93-12/28/93 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710. | ζ. Α | ¥С |
| | ACQN/DEVL LOCATION : NEAR FIELD SITES 6 AN | D 87. | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PE ED: | o N |
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| **TM000000001994.001 | CONTINUOUS AIR MONITORING DATA FOR January 1994. | 12/28/93-02/01/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS. | АУ | с |
| | ACON/DEVL LOCATION : FAR AND NEAR FIELD CA. | S SITES. | | | |
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| **TM00000001994.002 | CONTINUOUS AIR MONITORING DATA FOR FEBRUARY 1994. | 01/30/94-03/02/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS. | AY | С |
| | ACQN/DEVL LOCATION : FAR AND NEAR FIELD CA | s sites. | | | |
| TV000000000000000000000000000000000000 | CONTRACTOR AND MONTMODIAL DAMA FOR MADEIL | 02/20/04-02/20/04 | DIEL LOOTIDED TH LECODELLOS HITCH MADE | | _ |
| TM00000001994.005 | 1994. | 02/28/94-03/29/94 | INSTRUCTIONS. | AY | ę |
| | ACON/DEVL LOCATION : FAR AND NEAR FIELD CA | S SITES. | | | |
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| *TM000000001994.004 | CONTINUOUS AIR SAMPLER DATA FOR APRIL 1994. | 03/27/94-05/04/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-702 AND 703. | AYI | P |
| | ACON/DEVL LOCATION : RFPD FAR AND NEAR FIE | LD CAS SITES | | | |
| | | | | | |
| *TM00000001994.005 | CONTINUOUS AIR SAMPLER DATA FOR MAY 1994. | 05/02/94-06/01/94 | DATA ACQUIRED IN ACCORDANCE WITH TEMSS WORK INSTRUCTIONS WI-RM-702, REVISION 5 AND WI-RM-703, REVISION 2. | AYI | ₽ |
| | ACON/DEVL LOCATION : NEAR FIELD AND FAR FI | ELD CAS SITES | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | E D |
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| *TM000000001994.006 | CONTINUOUS AIR SAMPLER DATA FOR JUNE 1994. | 05/30/94-06/29/94 | DATA ACQUIRED IN ACCORDANCE WITH TEMSS WORK INSTRUCTIONS WI-RM-702, REVISION 5 AND WI-RM-703, REVISION 2. | λΥ |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD AND | D FAR FIELD CAS SITES | | |
| TM000000001994.007 | CONTINUOUS AIR SAMPLER DATA FOR JULY 1994 | 06/27/94-08/04/94 | DATA ACQUIRED IN ACCORDANCE WITH T&MSS WORK INSTRUCTIONS WI-RM-702, REVISION 5 AND WI-RM-703, REVISION 2. | A 3 |
| · · · · · · · · | ACON/DEVL LOCATION : NEAR FIELD AND FAR | FIELD CAS SITES | | |
| TM00000001994.013 | INTEGRATED ENVIRONMENTAL RADON MEASUREMENTS FOR JANUARY 1994. | 01/05/94-02/02/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WON INSTRUCTION WI-RM-770. | RK A S |
| | ACON/DEVL LOCATION : EPERM LOCATIONS | | | |
| TM000000001994.014 | INTEGRATED ENVIRONMENTAL RADON MEASUREMENTS FOR FEBRUARY 1994. | 02/02/94-03/03/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WO INSTRUCTION WI-RM-770. | RK A S |
| | ACQN/DEVL LOCATION : EPERM LOCATIONS | | | |
| *TM000000001994.015 | ENVIRONMENTAL RADON MEASUREMENTS FOR MARCH 1994. | 03/03/94-04/01/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WO INSTRUCTION WI-RM-770, REVISION 4, ICN 0 | RKA 1 |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR | FIELD SITES. | | |
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| **TM00000001994.016 | INTEGRATED ENVIRONMENTAL RADON MEASUREMENTS FOR APRIL 1994. | 04/07/94-05/04/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORF INSTRUCTION WI-RM-770, REVISION 4, ICN 0. | K A Y (|
| | ACQN/DEVL LOCATION : FAR AND NEAR FIELD EN | PERM SITES. | | |
| *TM000000001994.017 | ENVIRONMENTAL RADON MEASUREMENTS FOR MAY 1994. | 05/04/94-06/03/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-770, REVISION 4, ICN 0. | KAYI |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIL | ELD SITES | | * |
| *TM000000001994.018 | ENVIRONMENTAL RADON MEASUREMENTS FOR JUNE 1994. | 06/03/94-07/01/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK Instruction WI-RM-770, Revision 4, ICN 0. | CAYI |
| | ACON/DEVL LOCATION : RFPD FAR AND NEAR FI | ELD SITES | | |
| TM000000001994.019 | ENVIRONMENTAL RADON MEASUREMENTS FOR JULY 1994. | 07/01/94-08/04/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-770, REVISION 4, ICN 0. | сачі |
| · · · · · · · · | ACQN/DEVL LOCATION : RFPD NEAR FIELD AND | FAR FIELD SAMPLE SIT | TES | ı |
| *TM00000001994.025 | PRESSURIZED IONIZATION CHAMBER DATA FOR January 1994 | 01/01/94-02/03/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-904 AND WI-RM-906. | CAYE |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIL SITES | ELD ENVIRONMENTAL MC | DNITORING | |
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| | RADIOLOGICA | L MONITORING PLAN | | D Q A U T A A I T F |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | Y I P E E C |
| TM000000001994.026 | PRESSURIZED IONIZATION CHAMBER DATA FOR February 1994 | 02/02/94-03/03/94 | Data acquired in accordance with TMSS Work Instructions Wi-RM-904 and Wi-RM-906. | : A 1 |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FIN | eld environmental mo | DNITORING | |
| TM000000001994.027 | PRESSURIZED IONIZATION CHAMBER DATA FOR MARCH 1994 | 03/01/94-04/08/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-904 AND WI-RM-906. | (A . 3 |
| | ACON/DEVL LOCATION : RFPD FAR AND NEAR FI SITES | ELD ENVIRONMENTAL MC | DNITORING | |
| TM000000001994.028 | PRESSURIZED IONIZATION CHAMBER DATA FOR APRIL 1994 | 04/04/94-05/06/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-904 AND WI-RM-906. | (A) |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FI SITES | eld environmental MC | DNITORING | |
| TM000000001994.029 | PRESSURIZED IONIZATION CHAMBER DATA FOR May 1994 | 05/03/94-06/07/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORF INSTRUCTIONS WI-RM-904 AND WI-RM-906. | (A) |
| | ACQN/DEVL LOCATION : RFPD FAR AND NEAR FI SITES | ELD ENVIRONMENTAL MC | ONITORING | |
| TM000000001994.030 | PRESSURIZED IONIZATION CHAMBER DATA FOR JUNE 1994 | 06/01/94-07/08/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORF INSTRUCTIONS WI-RM-904 AND WI-RM-906. | ("A syl |
| | ACON/DEVL LOCATION : RFPD FAR AND NEAR FI | ELD ENVIRONMENTAL MO | ONITORING | |

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| | | | | D Q A U L |
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| | RADIOLOGICAL | MONITORING PLAN | | I A T F T |
| | | | _ | Y I I P E O |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | E D N |
| | | | | |
| *TM00000001994.031 | PRESSURIZED IONIZATION CHAMBER DATA FOR JULY 1994 | 07/01/94-08/08/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTIONS WI-RM-904 AND WI-RM-906. | АҮР |
| | ACON/DEVL LOCATION : RFPD FAR AND NEAR FIE SITES | LD ENVIRONMENTAL MO | NITORING | |
| TM00000001994.037 | CONTINUOUS ENVIRONMENTAL RADON MEASUREMENTS FOR JANUARY 1994. | 12/28/93-01/31/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710. | АУР |
| | ACON/DEVL LOCATION : NEAR FIELD SITES 6 AN | D 87. | | |
| TM000000001994.038 | CONTINUOUS ENVIRONMENTAL RADON MEASUREMENTS FOR FEBRUARY 1994. | 02/01/94-02/28/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710. | АҮР |
| | ACON/DEVL LOCATION : NEAR FIELD SITES 6 AN | D 87. | | |
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| **TM000000001994.039 | CONTINUOUS ENVIRONMENTAL RADON Measurements for March 1994. | 03/02/94-04/01/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 1, ICN 0. | AYC |
| | ACON/DEVL LOCATION : NEAR FIELD SITES 6 AN | D 87. | | |
| | | | | |
| **TM000000001994.040 | CONTINUOUS ENVIRONMENTAL RADON Measurements for April 1994. | 04/01/94-05/03/94 | DATA ACQUIRED IN ACCORDANCE WITH THIS WORK INSTRUCTION WI-RM-710, REVISION 1, ICN 0. | AIC |
| | ACQN/DEVL LOCATION : NEAR FIELD SITES 6 AN | D 87. | | |
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| | RADIOLOGICAL | MONITORING PLAN | | D A T A T Y P | QUALI7: | L O C A T I O |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | E 1 | D 1 | N - |
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| *TM00000001994.041 | ENVIRONMENTAL RADON MEASUREMENTS WITH Pylon continuous radon monitor for May 1994. | 05/03/94-05/27/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 1, ICN 0. | A | YI | P |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD SITES | 06 AND 87 | | ,• | | |
| *TM00000001994.042 | ENVIRONMENTAL RADON MEASUREMENTS WITH Pylon continuous radon monitor for june 1994. | 06/02/94-06/30/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 1, ICN 0. | . A | Y | P |
| | ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES | 06 AND 87 | | | | |
| *TM00000001994.043 | ENVIRONMENTAL RADON MEASUREMENTS WITH PYLON CONTINUOUS RADON MONITOR FOR JULY 1994. | 07/01/94-07/31/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 1, ICN 0. | A | Y | Р |
| | ACQN/DEVL LOCATION : RFPD NEAR FIELD SITES | 06 AND 87 | | | | |
| *TM00000001994.044 | ENVIRONMENTAL RADON MEASUREMENTS WITH Pylon continuous radon monitor for August 1994. | 08/01/94-08/31/94 | DATA ACQUIRED IN ACCORDANCE WITH TMSS WORK INSTRUCTION WI-RM-710, REVISION 1, ICN 0. | : A | Y | P |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD SITES | 06 AND 87 | | ; | | |
| TM000000001994.049 | ENVIRONMENTAL THERMOLUMINESCENT DOSIMETER (TLD) DATA FOR FIRST QUARTER 1994. | 12/30/93-04/03/94 | TLD EXCHANGE AND HANDLING PER TEMSS WORK INSTRUCTIONS WI-RM-901, REV. 3, 902, REV. 1, 903, REV. 1, AND 905, REV. 1. TLD ANALYSIS PERFORMED BY TELEDYNE ISOTOPES OF WESTWOOD, NJ. | Л | ¥ | P |
| | ACON/DEVL LOCATION : RFPD NEAR FIELD AND F. | AR FIELD MONITORING | SITES | | | |

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| DATA TRACKING NO. | RADIOLOGICAL TITLE/DESCRIPTION | MONITORING PLAN ACQN/DEVL PERIOD | ACQN/DEVL METHOD | D Q A U L T A O A L C I A T F T Y I I P E O N |
| | | | | |
| TM000019891990.001 | YUCCA MOUNTAIN PROJECT SITE RADIOLOGICAL MONITORING DATA SUMMARY REPORT FOR CALENDAR YEARS 1989-1990. | 01/01/89-12/31/90 | COLLECTION METHODS CONSISTENT WITH THE COLLECTION METHODS SPECIFIED IN THE ENVIRONMENTAL REGULATORY GUIDE FOR RADIOLOGICAL EFFLUENT MONITORING AND ENVIRONMENTAL SURVEILLANCE JANUARY 1991 AS REQUIRED BY DOE ORDER 5400.5 FEBRUARY 8, 1990. | DNC |
| | ACON/DEVL LOCATION : 84 KM RADIUS OF N7656 | 21.5(N) . E570434.6(| N) | |
| TM000019891991.001 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1989 AND 1991 BIOTA SAMPLES. SAMPLES OBTAINED FROM NEAR FIELD SITES 5, 12, 14, 37, 58, 59, AND 69. SAMPLES OBTAINED IN 4/89, 5/89 OR 10/91. ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF | 08/05/92-10/07/92 WESTWOOD, N.J. | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | AYC |
| TM000019901991.001 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1990 AND 1991 VEGETATION SAMPLES. SAMPLES FROM NEAR FIELD SITES 81, 73, 32, 35, 85, 34, 70, 45, 80, 33, 26, 38, 82, 84, AND 77. | 08/03/92-10/03/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | АУР |
| the second second | ACON/DEVI LOCATION : TELEDINE ISOTOPES OF | WESTWOOD, N.J. | | |
| TM000019911992.001 | ANALYTICAL RESULTS OF RADIOCHEMICAL ANALYSIS OF 1991 AND 1992 BIOTA SAMPLES. SAMPLES OBTAINED FROM NEAR FIELD SITES 5, 12, 2, 37, 58, AND 69. SAMPLES OBTAINED IN EITHER 10/91 OR 4/92 | 07/29/92-09/10/92 | RADIOCHEMICAL ANALYSIS PERFORMED BY VENDOR. | AYC |
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| | ACQN/DEVL LOCATION : TELEDYNE ISOTOPES OF | WESTWOOD, N.J. | | |
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| | RADIOLOGICAI | MONITORING PLAN | | I A T F T Y I I |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | |
| TM00012562T1BA.001 | SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING FY 1989 (NOVEMBER 1989). | 10/01/88-09/30/89 | COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT OF CHARACTERISTICS OF SOUTHERN NYE COUNTY. THESE DATA WERE OBTAINED FROM VALLEY ELECTRIC ASSOCIATION IN PAHRUMP. DATA WAS VERIFIED BY FIELD OBSERVATIONS. | ANC |
| | ACON/DEVL LOCATION : 84 KM RADIUS OF N7656 | 521.5(N), E570434.6(| N) | - |
| TM00012562T1BA.002 | APPENDIX B, SOCIOECONOMIC DATA COMPILED BY GRID IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM. | 10/01/88-09/30/89 | COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY. THESE DATA WERE OBTAINED FROM VALLEY ELECTRIC ASSOCIATION IN PAHRUMP. DATA WAS VERIFIED BY FIELD OBSERVATIONS. | ANC |
| | ACQN/DEVL LOCATION : 84 KM RADIUS OF N7656 | 521.5(N), E570434.6(| N) | |
| TM00012562T1BA.003 | YUCCA MOUNTIAN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING FY 1990 (DECEMBER 1990). | 10/01/89-09/30/90 | COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS IN EACH COMMUNITY AND VERIFIED BY FIELD OBSERVATIONS. | ANC |
| | ACON/DEVL LOCATION : 84 KM RADIUS OF N7650 | 521.5(N), E570434.6(| N) | · #· |
| TM00012562T1BA.004 | YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1990 (APRIL 1991). | 01/01/90-12/31/90 | COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY DURING CALENDAR YEAR 1990. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS IN EACH COMMUNITY AND VERIFIED BY FIELD OBSERVATIONS. | ANC |
| i i i i i | ACON/DEVL LOCATION : 84 KM RADIUS OF N765 | 521.5(N), E570434.6(| N) | |

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| | RADIOLOGICA | L MONITORING PLAN | | D A T A | Q U I A C L C I J |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | P E | |
| TM00012562T1BA.006 | YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1991 (APRIL 1992) | 01/01/91-12/31/91 | COLLECTION OF SECONDARY DATA WHICH DESCRIBES THE DEVELOPMENT CHARACTERISTICS OF SOUTHERN NYE COUNTY AND PORTIONS OF CLARK COUNTY. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS IN EACH COMMUNITY AND VERIFIED BY FIELD OBSERVATIONS. | A | YC |
| | ACQN/DEVL LOCATION : 84 KM RADIUS OF 116 | 25 35.1W 36 51 05.4 | 16N | | |
| TM00121362T1DA.001 | YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1992 (MAY 1993) | 01/01/92-12/31/92 | COLLECTION OF DATA THAT DESCRIBES THE DEVELOPMENTAL CHARACTERISTICS OF SOUTHERN NYE COUNTY, PORTIONS OF CLARK COUNTY, AND PORTIONS OF DEATH VALLEY NATIONAL MONUMENT, CALIFORNIA. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS WITHIN THE COMMUNITIES, FROM FIELD OBSERVATIONS, AND FROM SECONDARY SOURCES. | A | ΥC |
| | ACON/DEVL LOCATION : 84 KM RADIUS OF N765 | 621.5(N), E570434.6(| (N) | | |
| TM00121362T1EA.001 | YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT SUMMARY OF SOCIOECONOMIC DATA ANALYSES CONDUCTED IN SUPPORT OF THE RADIOLOGICAL MONITORING PROGRAM DURING CALENDAR YEAR 1993 (JUNE 1994) | 01/01/93-12/31/93 | COLLECTION OF DATA THAT DESCRIBES THE DEVELOPMENTAL CHARACTERISTICS OF SOUTHERN NYE COUNTY AND PORTIONS OF CLARK COUNTY, NEVADA, AS WELL AS PORTIONS OF DEATH VALLEY NATIONAL MONUMENT, CALIFORNIA. THESE DATA WERE OBTAINED FROM LOCAL EXPERTS WITHIN THE COMMUNITIES, FROM FIELD OBSERVATIONS, AND FROM SECONDARY SOURCES. | A | ΥP |
| | ACON/DEVL LOCATION : 84 KM RADIUS OF N407 | 8351.6(U), E551135.7 | γ (σ) ¹ · · · · · · · · · · · · · · · · · · · | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD |
| Activity - 8.3.1.2. | 1.1.1 | | |
| GS911108312111.003 | SURFACE WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS, DISCHARGE MEASUREMENTS NOTES, AND PRECIPITATION DATA COLLECTED DURING WATER YEAR 1991 FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA. | 10/01/90-09/30/91 | DATA WERE COLLECTED USING METHODS DESCRIBED IN USGS WRI'S.: BOOK 3, CHAPTER: A1, A2, A3 AND A8; BOOK 5, CHAPTER A1; BOOK 8, CHAPTERS A2, B2; AND USGS WSP 2175; AND HP'S 40, 43, 44, 45, 91, 100, 114, 115, 116, 117, 166 AND 169. |
| | ACON/DEVL LOCATION : 36 00'N 117 00'W ;36 37 00'N 117 00'W ;37 | 00'N 115 30'W 00'N 115 30'W | |
| GS920308312111.001 | 0.1MM RESOLUTION PRECIPITATION DATA GENERATED BY THE QUALIMETRICS, INC. MODEL 6041-B PROPANE HEATED TIPPING BUCKET RAIN AND SNOW GAGE. | 05/03/89-03/20/92 | AUTOMATED PRECIPITATION GAGE AND C.S.I. 21X DATALOGGER. |
| | ACON/DEVL LOCATION : YUCCA MOUNTAIN | | |
| G5920308312111.002 | WIND SPEED DATA GENERATED BY A MET-ONE INC. MODEL 024A (SERIAL NO. 503-83) AT WEATHER STATION NO. 5 DURING THE PERIOD MAY 3, 1989 TO JANUARY 11, 1990. | 05/03/89-01/11/90 | MET-ONE INC. MODEL 024A WIND SPEED SENSOR AND C.S.I. 21X DATALOGGER. |
| | ACON/DEVL LOCATION : YUCCA MOUNTAIN | | |
| GS920708312111.005 | PRECIPITATION DEPTH, IN INCHES, COLLECTED USING A NETWORK OF NON-AUTOMATED, COLLECTOR-TYPE PLASTIC GAUGES. MEASUREMENTS WERE TAKEN AFTER EACH MAJOR PRECIPITATION EVENT AND | 01/01/90-09/30/91 | PRECIPITATION AMOUNTS WERE READ DIRECTLY FROM A SCALE IMPRINTED ON THE SIDE OF THE GAUGES. MEASUREMENTS WERE MADE IN INCHES OF RAINFALL. |
| and the second | TOTALLED FOR EACH MONTH. DATA COLLECTED FROM 01/01/90 TO 09/30/91. | · · · · · · · · · | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | Y I P E E D | I 0 N - |
| GS920708312111.006 | METEOROLOGICAL DATA CONSISTING OF WIND SPEED DIRECTION, AMBIENT AIR TEMPERATURE, RELATIVE HUMIDITY, NET SOLAR RADIATION, PRECIPITATION, AND BAROMETRIC PRESSURE. DATA WERE COLLECTED AT FIVE WEATHER STATIONS WITHIN THE YUCCA MOUNTAIN AREA. | 10/01/89-09/30/91 | DATA WERE GENERATED BY SENSORS MOUNTED ON AUTOMATED DATA COLLECTION PLATFORMS OPERATING AT REMOTE FIELD LOCATIONS. DATA WERE RECORDED BY DATALOGGERS AND STORED DIGITALLY ON MAGNETIC TAPE AT EACH FIELD LOCATION. TAPES WERE PERIODICALLY RETRIEVED AND DOWNLOADED TO A COMPUTER DATABASE. DATA COULD ALSO BE RETRIEVED VIA RADIO TELEMETRY LINKS WITH EACH SITE. DATA ARE ARCHIVED ON REMOVABLE CARTRIDGE DISKS. | А У | P |
| | ACQN/DEVL LOCATION : 743968N (N) 610564E (N) 759011N (N) 567934E (N) 760134N (N) 5579356E (N) | • • • • • | | | |

GS930108312111.001 METEOROLOGICAL DATA CONSISTING OF AMBIENT AIR TEMPERATURE AND NET SOLAR RADIATION. DATA WERE COLLECTED AT WEATHER STATION WITHIN YUCCA MOUNTAIN AREA, BETWEEN 10/1/92 AND 10/7/92. 10/01/92-10/07/92 HP-97,R1, MEASUREMENT OF TEMPERATURE AND A Y P RELATIVE HUMIDITY USING A CAMPBELL SCIENTIFIC, INC. 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE. MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER. DATA WERE GENERATED BY SENSORS MOUNTED ON AN AUTOMATED DATA COLLECTION PLATFORM OPERATING AT A REMOTE FIELD LOCATION. DATA WERE RECORDED BY A DATALOGGER AND STORED DIGITALLY ON MAGNETIC TAPE. TAPES WERE PERIODICALLY RETRIEVED AND DOWNLOADED TO A COMPUTER DATABASE. DATA ARE ARCHIVED ON REMOVABLE CARTRIDGE DISKS.

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ACON/DEVL LOCATION : N759011(N) E567934(N)

771482N (N) 560148E (N)

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | ED |
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| GS930108312111.002 | METEOROLOGICAL DATA. CONSISTS OF WIND SPEED, WIND DIRECTION, AIR TEMPERATURE, RELATIVE HUMIDITY, NET SOLAR RADIATION, | 10/01/91-09/30/92 | DATA WERE GENERATED BY SENSORS MOUNTED ON AUTOMATED DATA COLLECTION FLATFORMS OPERATING AT REMOTE FIELD LOCATIONS ON AND | A N |
| • | PRECIPITATION, AND BAROMETRIC PRESSURE. DATA WERE COLLECTED AT FIVE WEATHER STATIONS PLUS FOUR ADDITIONAL PRECIP. | . | AROUND YUCCA MOUNTAIN. DATA WERE RECORDED BY DATA LOGGERS AND STORED ON MAGNETIC TAPE. TAPES WERE RETRIEVED AND DOWNLOADED | |
| | SITES BETWEEN 10/1/91, AND 9/30/92. | | TO A COMPUTER DATABASE ON REMOVABLE DISK CARTRIDGES. | |
| | ACON/DEVL LOCATION : N782850(N) E554986(N) N757500(N) E555739(N) | | n an | |
| | N760134 (N) E558356 (N) | | | |
| | N771482 (N) E560148 (N) | | | |
| | N751136(N) E560265(N) | | | |
| | N/68606(N) E566119(N) N750011(N) E567034(N) | | | |
| | N754015(N) E573575(N) | | | |
| | N742400 (N) E576300 (N) | | | |
| | N743968 (N) E610564 (N) | | A state of a state of the state | |
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| GS930108312111.003 | PRECIPITATION DEPTH, IN INCHES, FOR | 10/01/91-09/30/92 | PRECIPITATION MEASUREMENTS WERE MADE FROM | AN |
| | EFFORT WAS MADE TO RECORD MEASUREMENTS | | THEY ARE NON-AUTOMATED. READINGS WERE | |
| | AFTER EACH MAJOR STORM EVENT AT YUCCA | | TAKEN DIRECTLY FROM A SCALE IMPRINTED ON | |
| | MOUNTAIN. HOWEVER, SOME EVENTS OVER A | | THE PLASTIC GAUGES OR FROM A DIP STICK | |
| | SEVERAL DAY PERIOD WERE CONSOLIDATED | | MARKED WITH A SCALE. GAUGES WERE OF THREE | - |
| | INTO ONE SET OF MEASUREMENTS FOR THE | | A-INCH-DIAMETER ROUND CANISTER, AND R-INCH | |
| | NETHORK.) | | STANDARD NATIONAL WEATHER SERVICE METAL | • . • * |
| | | | STORAGE GAUGE. | |
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| | ACQN/DEVL LOCATION : N730000(N) E550000(N) | ;N770000(N) E61000 | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| GS930108312111.004 | PRECIPITATION DEPTH, IN INCHES, FOR EVENTS BETWEEN 10/1/92 AND 10/07/92, COLLECTED USING A NON-AUTOMATED, COLLECTOR-TYPE PLASTIC GAUGE AT UE-25 UZN \$7. MEASUREMENTS WERE TAKEN AFTER EACH MAJOR PRECIPITATION EVENT AND TOTALLED FOR EACH MONTH. | 10/01/92-10/07/92 | PRECIPITATION AMOUNTS WERE READ DIRECTLY FROM A SCALE IMPRINTED ON THE SIDE OF THE GAUGE. MEASUREMENTS WERE MADE IN INCHES OF RAINFALL. | A N P |
| | ACON/DEVL LOCATION : UE-25 UZN #7 USGS HRF, AREA 25, M | ERCURY, NV | | |
| G5930408312111.005 | PRECIPITATION ESTIMATION IN MOUNTAINOUS TERRAIN USING MULTIVARIATE GEOSTATISTICS, PART II: ISOHYETAL MAPS, BY JOSEPH A. HEVESI, ALAN L. FLINT, AND JONATHAN D. ISTOK. AVERAGE ANNUAL PRECIPITATION ESTIMATES FOR THE UPPER AMARGOSA RIVER WATERSHED. | 08/01/88-08/31/89 09/01/89-10/31/91 | ESTIMATES OF AVERAGE ANNUAL PRECIPITATION WERE OBTAINED WITH A MULTIVARIATE GEOSTATISTICAL MODEL, ESTIMATES AND ESTIMATION VARIANCES CALCULATED USING ORDINARY KRIGING AND COKRIGING. STATISTICAL ANALYSES, MODEL FITTING AND CROSS VALIDATION ARE FULLY DESCRIBED IN HEVESI AND OTHERS (1992) COMPANION REPORT, PART I: STRUCTURAL ANALYSIS. CLASSICAL STATISTICAL METHODS AND ANALYSIS PERFORMED USING GAP (GEOSTATISTICAL ANALYSIS | DNC |

ACQN/DEVL LOCATION : USGS TEST CELL C, AREA 25, NTS, NV

GS940108312111.001 PRECIPITATION QUANTITY (DEPTH) IN 10/08/92-09/30/93 PRECIPITATION MEASUREMENTS WERE MADE FROM A Y P INCHES, FOR STORM EVENTS BETWEEN 10/1/92 A NETWORK OF COLLECTION TYPE, AND 9/30/93. AN EFFORT WAS MADE TO NON-RECORDING RAIN GAGES. THEY ARE RECORD MEASUREMENTS AFTER EACH STORM NON-AUTOMATED. READINGS WERE TAKEN FROM A EVENT AT YUCCA MOUNTAIN. HOWEVER, SOME SCALE IMPRINTED ON THE PLASTIC GAGE OR EVENTS OVER A SEVERAL DAY PERIOD WERE FROM A DIP STICK MARKED WITH A SCALE. CONSOLIDATED INTO ONE MEASUREMENT AT GAGES WERE A MIXTURE OF THREE TYPES; EACH GAGE SO AFFECTED. PLASTIC WEDGE-SHAPED GAGE WITH A SQUARE ORIFICE, 4-INCH DIAMETER PLASTIC CANISTER GAGE, AND 8-INCH DIAMETER METAL STORAGE

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D Q A U L T A O

PACKAGE) SOFTWARE. MAP IMAGES PRODUCED

GAGE. HP-43, R2, INSTALLATION, OPERATION,

AND EXAMINATION OF TWO TYPES OF

USING SURFER.

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| | SITE CHARACTERI: | LATION PLAN BASELIN | E | I A T F T Y I I |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| | | | NON-RECORDING RAIN GAGES, HP-264, RO, FIELD MEASUREMENT OF PRECIPITATION USING NON-RECORDING RAIN GAGES. | |
| | ACQN/DEVL LOCATION : N730000(N) E550000(N) | ;N770000(N) E61000 | 0 (11) | |
| 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 | A N P |
| | | Solver a strange state | AND ARE STORED IN DATALOGGER MEMORI AND ON AUDIO CASSETTE TAPE. THE DATA ARE DOWNLOADED INTO A COMPUTER DATABASE AND STORED ON REMOVABLE CARTRIDGE DISKS. | |
| | ACON/DEVL LOCATION : N782850(N) E554986(N) N757500(N) E555739(N) N751136(N) E560265(N) N768606(N) E566119(N) | | A state of the second se | |
| | N759011 (N) E567934 (N) N754015 (N) E573575 (N) N742400 (N) E576300 (N) | | | . •. |
| 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,R142, OPERATION OF (SETRA 270) BAROMETRIC | АҮС |
| na serie a composition de la compositio La composition de la c | ····· | | 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 | |

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| | SITE CHARACTERI | ZATION PLAN BASELIN | IE | I A T F T |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | |
| | | | 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. | |
| | ACQN/DEVL LOCATION : N782850(N) E554986(N) N757500(N) E555739(N) N771482(N) E560148(N) N759011(N) E567934(N) N743968(N) E610564(N) | | | |
| G5940208312111.004 | 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. | C D N P |
| | ACON/DEVL LOCATION : USGS HYDROLOGIC RESEA | RCH FACILITY, NTS, | NV | |
| GS940808312111.005 | PRECIPITATION MEASUREMENTS FROM A NETWORK OF NON-RECORDING GAGES AT YUCCA MOUNTAIN, NEVADA, BY D.S. AMBOS AND A.L. FLINT | 11/01/93-07/15/94 | COMPILED PRECIPITATION DATA INTO TABLES AND COMPILED TABLES INTO REPORT. | DNP |
| | ACQN/DEVL LOCATION : USGS HRF, NTS | | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | IA |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| 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 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. | ANP |
| | ACQN/DEVL LOCATION : 36 00'N 117 00'W ;37 | 30'N 115 30'W | (a) A set of the se | |
| G5921108312121.001 | SURFACE WATER DISCHARGE DATA INCLUDING COPIES OF RECORDER CHARTS AND PRECIPITATION DATA COLLECTED DURING THE 1992 WATER YEAR FOR YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NV, AND INYO COUNTY CA. | 10/01/91-09/30/92 | THESE DATA WERE COLLECTED UNDER HP#'S HP-43,R14R2, INSTALL., OPER., & INSPECT OF TWO TYPES OF NON-RECORDING RAIN GAGES, HP-54,R04R1, WATER-FLOW MEAS USING 90 DEG V-NOTCH WEIRS, FLUMES, & BARRELS, HP-91, R3, COLLECT & FIELD ANALY OF SURFACE-WATER SAMPLES, HP-100,R0,R1, STREAM DISCHARGE MEAS USING A TYPE-AA PRICE CURRENT METER, HP-114,R04R1, EST OF STREAMFLOW DISCHARGE, RP-115,R1, DETER OF PEAK STREAMFLOW DISCHARGE USING CULVERTS, HP-116,R04R1, METHOD TO INSTALL, OPER, & EXAMINE A REC-STREAMFLOW GAGE THAT USES A STILL-WELL SYSTEM (WITH A CONT GRAPHIC RECORDER), HP-117,R04R1, INSTALL, INSPECT & MAINT OF SCOUR CHAINS AT STREAMFLOW GAGING SITES, HP-166,R04R1, STREAM DISCHARGE MEAS USING A PYGMY CURRENT METER, HP169,R1, DETER OF PEAK STREAMFLOW DISCHARGE BY THE SLOPE-AREA METHOD, & HP-219,R0, METHOD TO INSTALL, OPER & EXAM A RECORDING STREAMFLOW GAGE USING THE FLUID DATA G-II | AYP |
| | ACON/DEVL LOCATION : 37 30'00"N 116 13'45' | 'W | MANALIER SISIER. | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVI. METHOD | PEO EDN |
| **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. | DNT |
| | 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, 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.& | A N P |
| | | | EXAM. RECORDING STRMFIOW GAGE USING BUBBLE-GAGE STACOM MANOMETER; HP-91,RO&R1, COLLECT.4 FIELD ANALY. SURF. WATER SAMPLES, HP-100,RO, STREAM DISCHARGE MEAS. USING TYPE-AA PRICE CURRENT METER; HP-114, RO EST. STRMFLOW DISCHARGE; HP-115,RO&R1, | |
| | | . • | DETER. PEAK STRMFLOW DISCHARGE USING CULVERTS; HP-116,R0, INSTAL., OPER, & EXAM. RECSTRMFLOW GAGE THAT USES STILLING WELL | |
| | | · | SYSTEM/ CONT. GRAPHIC RECORDER; HP-117, RO, INSTAL., INSPECT. & MAINT. SCOUR CHAINS AT STRMFLOW GAGING SITES; HP-166, RO, STRM. DISCHARGE MEAS USING PYGMY CURRENT METER; HP-169, RO, DETER. PEAK STRM. DISCHARGE BY | |
| • | | | SLOPE-AREA. | |
| | ACON/DEVL LOCATION : 36 34'00"N 115 48'40" 36 26'09"N 116 04'28" 36 48'27"N 116 05'41" | W | | |
| | 36 48 27 N 116 06'00" 36 37'35"N 116 08'31" 36 37'35"N 116 08'31" 36 41'08"N 116 08'52" 37 09'51"N 116 12'11" 35 50'55"N 116 13'45" | Winner and Anna Anna Anna Anna Anna Anna Anna | | • • • |
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| | | SITE CHARACTERI | ZATION PLAN BASELI | NE | DQ AU TA AL TF |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | |
| | | 36 44'17"N 116 13'58" 37 10'57"N 116 15'59" 36 46'06"N 116 19'23" 36 11'48"N 116 22'06" 36 53'13"N 116 22'50" 36 51'58"N 116 23'38" 36 49'13"N 116 23'52" 36 48'27"N 116 24'01" 36 47'35"N 116 24'29" | स स स स स स स | | |
| GS930908312121.004 | SURFACE-WATER DISCHA COPIES OF RECORDER C | 36 51'06"N 116 25'44" 36 40'18"N 116 26'03" 36 51'16"N 116 27'07" 36 56'37"N 116 43'09" 36 52'06"N 116 45'34" ARGE DATA, INCLUDING CHARTS, DISCHARGE | W W W 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: | АУ |
| | MEASUREMENTS NOTES, DATA COLLECTED DURIN 1986-1990 FOR YUCCA VICINITY, NYE COUNTY BEGINNING 5/3/89 | AND PRECIPITATION IG WATER YEARS Mountain and 7, Nevada: Part B, | | CH.A24B2; & 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, R04R1, COLLECT.& FIELD ANALY. SURFWATER SAMPLES; HP-100,R0, STREAM DISCHARGE MEAS. | |
| | | | | RO, EST. STRMFLOW DISCHARGE, HP-115, RO&R1, DETERM. PEAK STRMFLOW DISCHARGE USING CULVERTS; HP-116, RO, METHOD TO INSTALL, OPER, & EXAM. RECSTRMFLOW GAGE THAT USES A STILL-WELL SYSTEM/ CONT. GRAPHIC RECORDER); HP-117, RO, INSTAL., INSPECT. & MAINT. OF SCOUR CHAINS AT STRMFLOW GAGING SITES, HP-166, RO, STRMFLOW DISCHARGE BY SLOPE-AREA METHOD. | |
| ana Ang Sana Ang | ACQN/DEVL LOCATION | : 36 34'00"N 115 48'40" 36 26'09"N 116 04'28" 36 48'27"N 116 05'41" 36 33'40"N 116 06'00" 36 37'35"N 116 08'31" | W | | • |

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AŪL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA TFT YII PEO TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD DATA TRACKING NO. EDN 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

GS930908312121.005 STREAMFLOW AND SELECTED PRECIPITATION DATA FOR YUCCA MOUNTAIN REGION, SOUTHERN NEVADA AND EASTERN CALIFORNIA, BY THOMAS G. KANE, DAVID J. BAUER, AND CLAIR M. MARTINEZ.

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

36 56'37"N 116 43'09"W 36 52'06"N 116 45'34"W

GS931108312121.006 SURFACE-WATER DISCHARGE DATA INCLUDING 10/01/92 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.

11/01/92-08/27/93 ACQUIRED DATA WERE COMPILED INTO AN OPEN D N P FILE REPORT USING GENERAL USGS REPORT GUIDELINES.

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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., OF.R.&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,

| | SITE CH | ARACTERIZATION PLAN BASELIN | IE. | DQ AUL TAO ALC IA TFT YII |
|---|---|--|--|---|
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| | | 7 | DETER. PEAK STRMFLOW DISCHG. USING CULVERTS; HP-116,R14R2, INSTAL., OPER.4EXAM. RECORDING STRMFLOW GAGE THAT USES STILLING-WELL SYSTEM WITH CONT. GRAPHIC RECORDER; HP-117,R2, INSTAL., INSPECT.4MAINT. 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. | |
| | ACON/DEVI LOCATION : 36 34'00"N 11 | 5 48'40"W | | |
| | 36 26'09"N 11 36 48'27"N 11 36 33'40"N 11 36 27'36"N 11 36 27'36"N 11 36 37'35"N 11 36 41'08"N 11 | 6 04'28"W 6 05'41"W 6 06'00"W 6 06'28"W 6 08'31"W 6 08'52"W | | |
| | 37 09'51"N 11 35 50'55"N 11 36 44'17"N 11 37 10'57"N 11 | L6 12'11"W L6 13'45"W L6 13'58"W L6 15'19"W | na serie de la contra de la contr La contra de la contr | r . |
| | 36 46'06"N 11 37 04'12"N 11 37 04'19"N 11 37 04'19"N 11 37 04'21"N 13 | L6 19'23"W L6 20'23"W L6 20'50"W L6 20'50"W | | |
| Talah sa katala sa katala | 36 11'48"N 13 36 53'13"N 13 36 51'58"N 13 | L6 22'06"W L6 22'50"W L6 23'38"W | | |
| | 36 49'13'N 11 36 48'27"N 11 36 47'35"N 11 36 23'12"N 11 | L6 24'01"W L6 24'29"W L6 25'22"W | • • | |
| 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - | 36 51'06"N 11 36 40'18"N 11 36 51'39"N 11 | LG 25'44"W LG 26'03"W LG 26'08"W | | |
| | 36 50'36"N 11 36 50'57"N 11 36 51'16"N 11 | 16 26'26"W 16 27'07"W 16 27'07"W | | |
| | 36 57'37"N 11 36 52'06"N 11 36 52'06"N 11 36 52'06"N 11 | 16 43'09"W 16 45'04"W 16 45'34"W | | ••• • |
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| | SITE CHARACTE | RIZATION PLAN BASELIN | NE | ALC IA TFT YIT |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| Activity - 8.3.1.2. | 1.2.2 | | | |
| GS910308312122.001 | DEBRIS TRANSPORT DATA COLLECTED DURING August 1989. | 08/09/89-08/10/89 | DATA WERE COLLECTED USING METHODS Described in HP-174, revision 0 and Revision 1. | АҮР |
| | ACQN/DEVL LOCATION : MILLER MOUNTAIN, NV | AND BENTON, CA | | |
| GS910908312122.002 | PARTICLE-SIZE DISTRIBUTION ANALYSES. | 11/16/90-11/16/90 | PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS. | АҮР |
| | ACQN/DEVL LOCATION : 39 17'25"N 119 49' | 25"W | | |
| GS910908312122.003 | PARTICLE-SIZE DISTRIBUTION ANALYSES. | 05/22/91-05/22/91 | PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS. | АУР |
| | ACON/DEVL LOCATION : 39 17'25"N 119 49' | 25"W | | |
| GS910908312122.004 | PARTICLE-SIZE DISTRIBUTION ANALYSES. | 11/08/90-11/08/90 | PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS. | АУР |
| | ACQN/DEVL LOCATION : 36 14'36"N 118 03' | 25"W | | |
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| DATA TRACKING NO. | SITE CHARACTERI TITLE/DESCRIPTION | ZATION PLAN BASELIN ACQN/DEVL PERIOD | E ACQN/DEVL METHOD | DQ LL ALC ALC TFTI PEON EDN |
|----------------------|---|---|--|---|
| GS910908312122.005 | PARTICLE-SIZE DISTRIBUTION ANALYSES. | 11/09/90-11/09/90 | PARTICLE-SIZE DISTRIBUTION ANALYSES WERE DONE BY THE USGS SEDIMENT LAB. CASCADE VOLCANO OBSERVATORY, IN VANCOUVER, WA. ANALYSES INCLUDE STANDARD SIEVE ANALYSIS, PIPET ANALYSIS, AND SILT-CLAY ANALYSIS. | АЧР |
| | ACQN/DEVL LOCATION : 36 14'36"N 118 03'25 | "W | | |
| GS920308312122.001 | SCIENTIFIC NOTEBOOK, USGS-SN-0002, VOL. 2; TRANSPORT OF DEBRIS BY SEVERE RUNOFF, FOR THE PERIOD OF 11/16/90 TO 8/16/91. | 11/16/90-08/16/91 | THIS SCIENTIFIC NOTEBOOK AND THE DOCUMENTATION THEREIN WERE DEVELOPED UNDER HP-197T, RO AND QMP 5.05, R2. | АҮР |
| | ACON/DEVL LOCATION : NTS AND A 200 MILE RA | DIUS THEREOF. | | |
| Activity - 8.3.1.2. | 1.3.1 | | | |
| **GS930508312131.001 | STOP 14: REGIONAL AND LOCAL FLOW SYSTEMS NEAR YUCCA MOUNTAIN, BY J.B. CZARNECKI AND R.R. LUCKEY | 01/01/88-04/18/89 | AUTHORS' VISUAL DESCRIPTIONS, INTERPRETATIONS AND SUMMARIES OF PREVIOUSLY PUBLISHED REPORTS. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| Activity - 8.3.1.2. | 1.3.2 | | | · |
| GS910408312134.002 | WELL TEST DATA FOR WELLS AT FRANKLIN Lake playa. | 05/01/83-05/01/87 | USGS STANDARD COLLECTION METHODS. | ANC |
| | ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 36 18'N 116 25'W ;36 | 18'N 116 20'W 10'N 116 25'W | | |
| | $(x_{i}, y_{i}) \in \{x_{i}, y_{i}\} \in \{x_{i}\} \in \{x$ | | | |

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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | I A T F T |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | Y I I P E O E D N |
| GS910408312134.004 | POTENTIOMETRIC DATA AND ANALYSES FOR FRANKLIN LAKE PLAYA. | 05/01/83-05/01/87 | USGS STANDARD COLLECTION METHODS. | ANC |
| | ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 36 18'N 116 25'W ;36 | 18'N 116 20'W 10'N 116 25'W | | |
| GS910908312132.001 | GEOHYDROLOGIC DATA FOR TEST WELL USW H-6, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY R.W. CRAIG, R.L. REED, AND R.W. SPENGLER | 01/01/83-11/02/83 | USGS STANDARD COLLECTION METHODS. | DNT |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS910908312132.002 | GEOHYDROLOGIC DATA FOR TEST WELL USW H-5, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY C.B. BENTLEY, J.H. ROBISON, AND R.W. SPENGLER. | 05/19/82-11/10/83 | LITHOLOGIC SAMPLING, WELL LOGGING, HYDROLOGIC TESTING, AND WATER SAMPLING ACCORDING TO USGS STANDARD METHODS. | DNT |
| | ACQN/DEVL LOCATION : N766643(N) E558943(N) USGS, DENVER CO | $v_{i} = 0.0$ | | |
| GS920308312132.001 | GROUND WATER LEVELS MEASURED IN SELECTED WELLS IN THE AMARGOSA DESERT. PIEZOMETERS WERE USED RESULTING IN TWO LEVELS OF MEASUREMENTS IN SAME WELL. | 05/21/91-06/07/91 | WATER LEVEL DATA WERE ACQUIRED USING WELL Sounder (HP-99, R1) and hand held steel TAPE (HP-61, R0). | AYP |
| | ACQN/DEVL LOCATION : 36 15'22"N 116 04'47" 36 15'33"N 116 11'14" 36 18'23"N 116 25'14" 36 34'10"N 116 26'11" | କ କ କ | | |
| | 36 31'34"N 116 29'20" 36 32'34"N 116 32'17" 36 32'43"N 116 35'41" 36 33'16"N 116 35'41" | W W ^a ng ang ang ang ang ang ang ang ang ang a | | · |
| | 36 52'53"N 116 45'05" AM-1 AM-2 | W | | |
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| | SITE CHARACTER | ZATION PLAN BASELIN | 15 |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD |
| | NA-6 NT-1 S-1 Well 13 Well 14 | | |
| GS920608312132.002 | LITHOLOGICAL DESCRIPTIONS OF BOREHOLE CUTTINGS FROM TWO WELLS (AMARGOSA DESERT): 1)FELDERHOFF-FEDERAL-25-1 - TOTAL 337 SAMPLES 2) FELDERHOFF-FEDERAL-5-1 - TOTAL 53 SAMPLES. | 09/17/91-10/23/91 | CONVENTIONAL LITHOLOGICAL DESCRIPTIONS |
| | ACQN/DEVL LOCATION : T16S R50E SECTION 5 | | |
| GS920908312132.004 | HYDRAULIC-HEAD DATA (WATER-LEVELS) FROM GS-15, GS-16, AND GS-17. | 06/09/89-08/31/92 | HYDRAULIC HEAD DATA WERE MEASURED USING ROLL SOUNDER HP-99,R1, INSTRUCTION FOR OPERATING OF A WELL SOUNDER FOR MEASURIN WATER LEVELS, AND HAND HELD STEEL TAPE, HP-61,R0, USE OF HAND-HELD STEEL TAPES (VERTICAL BOREHOLES). |
| an an thair | ACON/DEVL LOCATION : GS-15 GS-16 GS-17 | - 1. | |
| **GS920908312132.005 | VERTICAL HYDRAULIC GRADIENT DATA AND INTERPRETATION FROM WELLS GS-15, -16, AND -17. PUBLISHED IN "A HINT OF RECHARGE AT FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA, USA" AND "DOES LOCALIZED RECHARGE OCCUR AT A DISCHARGE AREA WITHIN THE GROUND-WATER FLOW SYSTEM OF YUCCA MOUNTAIN, NEVADA?" BY JOHN B. CZARNECKI, DANIEL RONEN, MORDECERAI | 06/13/92-06/30/92 | VERTICAL HYDRAULIC GRADIENT CALCULATED F OBTAINING THE SLOPE OF THE LINE OF BEST FIT THROUGH THE WATER-LEVEL ALTITUDES OF THE THREE WELLS, GS-15, -16, AND -17. INTERPRETATION BASED ON EXAMINATION AND COMPARISON OF SOURCE DATA. |
| en e | MARGARITZ, AND LEVY KROITORU. | | · · · · · · · · · · · · · · · · · · · |
DO AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA TFT YII PEO TITLE/DESCRIPTION ACON/DEVL PERIOD DATA TRACKING NO. ACON/DEVL METHOD EDN _____ _____ _____ GS930108312132.001 HYDROLOGY OF YUCCA MOUNTAIN AND 01/01/84-08/20/84 COMPILATION OF HYDROLOGIC DATA COLLECTED DNT VICINITY, NEVADA - CALIFORNIA: AND ANALYZED THROUGH MID-1983 FOR INVESTIGATIVE RESULTS THROUGH MID-1983, INCLUSION IN THE SITE CHARACTERIZATION BY R.K. WADDELL, J.H. ROBISON, & R.K. REPORT (SCR) FOR THE NEVADA NUCLEAR WASTE BLANKENNAGEL. STORAGE INVESTIGATIONS. DATA TYPES INCLUDE HYDROCHEMISTRY. ACON/DEVL LOCATION : USGS, DENVER, CO GS930408312132.005 GEOHYDROLOGY OF ROCKS PENETRATED BY TEST 01/01/85-01/14/86 ANALYSIS OF DRAWDOWN WHILE PUMPING MADE BY D N T WELL USW G-4, YUCCA MOUNTAIN, NYE PLOTTING DISTANCE VS. TIME ON LOGARITHMIC COUNTY, NEVADA, BY DAVID H. LOBMEYER. COORDINATE PAPER. TRANSMISSIVITY ESTIMATED BY COMPARING STATED FORMULA TO DRAWDOWN CURVE. PACKER INJECTION TESTS INTERPRETED USING METHOD OF COOPER, H.H., AND OTHERS, 1967, AND PAPADOPULOS, I.S., AND OTHERS, 1973. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. ACON/DEVL LOCATION : USGS, DENVER, CO GS930408312132.006 HYDROLOGIC FRAMEWORK OF THE YUCCA 01/01/89-02/16/90 SUMMARY AND INTERPRETATION OF PREVIOUSLY DNC MOUNTAIN AREA, NEVADA, BY W.W. DUDLEY, PUBLISHED REPORTS ON THE HYDROLOGIC AND W.E. WILSON AND D.T. HOXIE. GEOLOGIC PROCESSES OF THE SATURATED ZONE. REGIONAL AND SITE SCALE, AND THE UNSATURATED ZONE, SITE SCALE. ACON/DEVL LOCATION : USGS, DENVER, CO.

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| NATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | T Y P E | FIED |
| | | | | - | - |
| GS930408312132.007 | GEOHYDROLOGIC DATA AND TEST RESULTS FROM WELL J-13, NEVADA TEST SITE, NYE COUNTY, NEVADA, BY WILLIAM THORDARSON | 01/01/82-01/01/83 | PREVIOUSLY COLLECTED DATA WERE RE-ANALYZED AND REINTERPRETED FOR PHYSICAL PROPERTIES, INCLUDING; DENSITY, TOTAL POROSITY, WATER CONTENT, PERCENT SATURATION, SONIC | D | N |
| | A. Martin and A. Ma And A. Martin and A. Mart | . : | VELOCITIES, AND TRANSMISSIVITY AND HYDRAULIC CONDUCTIVITY. | | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | |
| GS930408312132.008 | HYDROLOGIC AND DRILL-HOLE DATA FOR TEST WELLS UE-29A#1 (UE-29A #1) AND UE-29A#2 (UE-29A #2), FORTYMILE CANYON, NEVADA TEST SITE, BY RICHARD K. WADDELL, JR. | 01/01/83-02/17/84 | DEVELOPMENT FOR DATA COLLECTED AFTER DRILLING AND PUMPING, INCLUDING DISCHARGE RATES, SPECIFIC CONDUCTANCE, LITHIUM CONCENTRATION, PH, AND WATER CHEMISTRY, ACCORDING TO USGS STANDARD METHODS. | D | N |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | an a | | | |
| GS930408312132.010 | HYDROLOGY, BY W.E. WILSON FY 1982 Report | 01/01/83-01/01/84 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM HYDRAULIC TESTS AND PALEOHYDROLOGIC STUDIES INCLUDING POTENTIOMETRIC LEVELS, TRANSMISSIVITY, WATER CHEMISTRY, AND CARBON-14 DATING. | D | ท |
| | ACON/DEVL LOCATION : USGS, DENVER, CO. | | | | |
| 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 | D | N |
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| | SITE CHARACTER. | ZATION PLAN BASELIN | 12 | I A T F T |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | YII PEO EDN |
| GS930508312132.012 | HYDROLOGY, BY D.I. LEAP FY 1979 Report | 01/01/81-01/01/82 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM PALEOHYDROLOGICAL, MINERALOGICAL, AND GEOPHYSICAL STUDIES. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | 1. J. | | |
| GS930508312132.015 | HYDROLOGY, BY W.E. WILSON FY 1981 Report. | 01/01/82-01/01/83 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL, HYDROLOGICAL, AND GEOPHYSICAL STUDIES INCLUDING STRATIGRAPHY, PALEOHYDROLOGY, WATER CHEMISTRY, RADIONUCLIDE TRANSPORT AND CLIMATE. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930508312132.016 | GEOHYDROLOGY OF HOLE UE17A, SYNCLINE RIDGE AREA, NEVADA TEST SITE, BY J.E. WEIR, JR., AND J.N. HODSON | 01/01/78-01/01/79 | CORE SAMPLES WERE CHARACTERIZED LITHOLOGICALLY. WATER LEVEL WAS REPEATEDLY MEASURED TO INDICATE HYDRAULIC HEADS AND JETTING TESTS WERE RUN TO TEST TRANSMISSIVITY. WATER WAS ANALYZED FOR CHEMICAL IONS BY USGS STANDARD METHODS. | DNT |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930508312132.017 | CHARACTERIZATION OF THE SUBREGIONAL GROUNDWATER FLOW SYSTEM AT YUCCA MOUNTAIN AND VICINITY, NEVADA-CALIFORNIA BY JOHN B. CZARNECKI. | 01/01/88-12/20/88 | AUTHOR'S SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED REPORTS. | DNC |
| 2000 - 100 - | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| | SITE CHARACTER | IZATION PLAN BASELIN | JE | I A T F T |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | |
| GS931008312132.003 | HYDROCHEMICAL DATA OF SAMPLES COLLECTED FROM SMALL DIAMETER WELLS | 04/15/92-09/29/93 | STANDARD NWOL METHODS AND HP-23,R2, Collection and field analysis of GROUND-WATER SAMPLES FROM SATURATED ZONE. | AYC |
| | ACQN/DEVL LOCATION : USGS NWQL, DENVER, C | 0 | | |
| **GS931008312132.004 | GROUND-WATER ALTITUDES AND WELL DATA, NYE COUNTY, NEVADA, AND INYO COUNTY, CALIFORNIA, COMPILED BY MAREK CIESNIK. | 02/10/91-12/15/92 | COMPILATION PRIMARILY FROM USGS NATIONAL WATER INFORMATION SYSTEM (NWIS) AND FROM OTHER PUBLISHED PAPERS. | DNT |
| | ACQN/DEVL LOCATION : USGS, 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, FORMATTED AS A SPREADSHEET AND PRESENTED AS POSTER. | , рут |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS940308312132.001 | DEPTH-TO-WATER DATA COLLECTED IN THE AMARGOSA VALLEY, 5/1/83 THROUGH 5/2/89 | 05/01/83-05/02/89 | HP-61,R0, "USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); HP-99,R0, "INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS" | ANP |
| | ACQN/DEVL LOCATION : 37 00'N 116 00'W ;36 AMARGOSA DESERT | 00'N 117 00'W | | |
| GS940308312132.002 | DEPTH-TO-WATER DATA COLLECTED IN THE AMARGOSA VALLEY, 5/3/89 THROUGH 1991 | 05/03/89-12/31/91 | HP-61,R0, "USE OF HAND HELD STEEL TAPES (IN VERTICAL BOREHOLES)" AND HP-99,R0 AND R1, "INSTRUCTION FOR OPERATION OF A WELL SOUNDER FOR MEASURING WATER LEVELS" | А У Р |
| | ACQN/DEVL LOCATION : 37 00'N 116 00'W ;36 AMARGOSA VALLEY | 00'N 117 00'W | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | TY | I J F I |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | P E | E (D) - |
| Activity - 8.3.1.2. | 1.3.3 | | | | |
| *GS910708312133.001 | ESTIMATING UPLAND RECHARGE IN THE YUCCA MOUNTAIN AREA, BY L.J. LANE, M. ASCE AND WAITE OSTERKAMP. | 01/01/91-07/24/91 | THIS WAS AN APPLICATION OF THE CREAMS MODEL - A FIELD SCALE MODEL FOR CHEMICALS RUNOFF AND EROSION FROM AGRICULTURAL MANAGEMENT SYSTEMS. THE ROCK VALLEY PRECIPITATION DATA WAS COMPILED BY LEONARD LANE. THE 1965-76 DATA FOR MONTHLY WATER BALANCE WERE ESTIMATED FROM THE CREAMS | D | N |
| | ACON/DEVIL LOCATION : USGS. DENVER. CO | •••••••• | SEE USDA CONSERVATION RES. REPORT #26. | | |
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| *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) | А 1 | Y |
| | (a) A set of the se | | | | |
| ин _{с. с.} • | ACQN/DEVL LOCATION : UE-29 UZN #91 UE-29A #1 UE-29A #2 | | | | |
| **GS931208312133.003 | DEPTH-TO-WATER DATA FOR UE-29A #1 AND #2 AND UE-29 UZN #91 COLLECTED IN WATER YEAR 1993 | 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). | | Y |
| | ACQN/DEVL LOCATION : UE-29 UZN #91 UE-29A #1 | | | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| GS940108312133.001 | GROUND-WATER RECHARGE IN FORTYMILE WASH NEAR YUCCA MOUNTAIN, NEVADA, 1992-93, BY C.S. SAVARD | 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". | DYP |
| | ACQN/DEVL LOCATION : USGS, MERCURY, NEVADA | | | |
| GS940308312133.002 | WATER QUALITY DATA FOR SAMPLES TAKEN IN Fortymile Wash, Nevada, during the 1993 Water Year. | 10/01/92-02/07/94 | DATA COLLECTED ACCORDING TO HP-23, R2 AND R3, "COLLECTION AND FIELD ANALYSIS OF GROUND-WATER SAMPLES FROM SATURATED ZONE"; HP-200, R0, "COLLECTION OF GROUND-WATER SAMPLES FROM WELLS" AND HP-91, R3, "COLLECTION AND FIELD ANALYSIS OF SURFACE-WATER SAMPLES" | АYС |
| | ACQN/DEVL LOCATION : 36 56'34"N 116 22'15"W 36 55'13"N 116 22'29"W UE-29A ∯1 USGS NAT'L WATER QUALITY LAB, DENVER, CO | | | |
| GS940508312133.003 | SELECTED HYDROLOGIC DATA FROM FORTYMILE WASH IN THE YUCCA MOUNTAIN AREA, NEVADA, WATER YEAR 1992, BY C.S. SAVARD. | 10/01/93-02/22/94 | DATA DEVELOPED USING STANDARD USGS TECHNIQUES. | DYP |
| | ACQN/DEVL LOCATION : USGS, MERCURY, NV | | | |
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| SITE CHARACTERIZATION PLAN BASELINE | | T Y P | I | | |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METROD | E | D N |
| GS940808312133.004 | COMPUTED DIFFERENCES OF STREAMFLOW EVENT VOLUMES BETWEEN GAGING STATIONS IN FORTYMILE WASH, JULY-AUGUST 1984 | 06/01/94-07/20/94 | ESTIMATED HALF-HOURLY DISCHARGES AT THREE STREAMFLOW GAGING STATIONS WERE COMPUTED, THE DIFFERENCES IN EVENT STREAMFLOW VOLUMES BETWEEN GAGES CALCULATED, AND EVENT VOLUME LOSSES DUE TO INFILTRATION PER CHANNEL KILOMETER CALCULATED. | D | n I |
| | ACON/DEVL LOCATION : USGS, MERCURY, NV | | | | |
| Activity - 8.3.1.2. | 1.3.4 | | | • | |
| GS910408312134.001 | EVAPOTRANSPIRATION DATA, RESULTS FROM EDDY-CORRELATION PLOTS AND ANALYSES FOR FRANKLIN LAKE PLAYA. POTENTIAL EVAPOTRANSPIRATION FOR FRANKLIN LAKE. | 05/01/83-05/01/87 | USGS STANDARD COLLECTION METHODS. | A | ИС |
| | ACON/DEVL LOCATION : 36 10'N 116 20'W ;36 36 18'N 116 25'W ;36 | 18'N 116 20'W 10'N 116 25'W | | | |
| GS910408312134.002 | WELL TEST DATA FOR WELLS AT FRANKLIN Lake playa. | 05/01/83-05/01/87 | USGS STANDARD COLLECTION METHODS. | A | N |
| | ACON/DEVL LOCATION : 36 10'N 116 20'W ;36 36 18'N 116 25'W ;36 | 18'N 116 20'W 10'N 116 25'W | | | |
| GS910408312134.003 | THERMAL DATA AND ANALYSES FOR FRANKLIN Lake Playa. | 05/01/83-05/01/87 | USGS STANDARD COLLECTION METHODS. | A | N . |
| | ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 36 18'N 116 25'W ;36 | 5 18'N 116 20'W 5 10'N 116 25'W | | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | Ε | I A T F T Y T T |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | |
| GS910408312134.004 | POTENTIOMETRIC DATA AND ANALYSES FOR FRANKLIN LAKE PLAYA. | 05/01/83-05/01/87 | USGS STANDARD COLLECTION METHODS. | ANC |
| | ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 36 18'N 116 25'W ;36 | 18'N 116 20'W 10'N 116 25'W | | |
| GS910408312134.005 | SENSITIVITY ANALYSES FOR UNSATURATED Zone flow model of franklin lake playa (1 dimensional). | 05/01/83-05/01/87 | USGS STANDARD COLLECTION METHODS. | ANC |
| | ACON/DEVL LOCATION : 36 10'N 116 20'W ;36 36 18'N 116 25'W ;36 | 18'N 116 20'W 10'N 116 25'W | | |
| GS910408312134.006 | MOISTURE CONTENT FOR FRANKLIN LAKE Playa. | 05/01/83-05/01/87 | USGS STANDARD COLLECTION METHODS. | ANC |
| | ACQN/DEVL LOCATION : 36 10'N 116 20'W ;36 36 18'N 116 25'W ;36 | 18'N 116 20'W 10'N 116 25'W | | |
| GS920308312134.001 | HYDROCHEMICAL DATA FROM WELL FL OBTAINED WITH A MULTILEVEL SAMPLER AT FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA | 06/21/89-12/31/89 | HYDROCHEMICAL OF WELL WATER FROM WELL FL USING AN INSITU MULTILEVEL SAMPLER DEPLOYED FOR PERIODS OF EIGHT DAYS AND THIRTY DAYS. WELL WAS ALSO BAILED. SEE USGS-HP-200 FOR DESCRIPTION OF METHODS. | DNP |
| | ACQN/DEVL LOCATION : 36 16'00"N 116 23'00" | W | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | P E - | Ē |
| GS930408312134.001 | LATE-WISCONSIN PALEOHYDROLOGY OF THE WEST-CENTRAL AMARGOSA DESERT, NEVADA, U.S.A., BY HANS C. CLAASEN. | 01/01/84-01/25/85 | AGE OF GROUND WATER SAMPLES WERE DETERMINED BY 14C LEVELS, METHOD DESCRIBED IN REPORT. CONDENSATION TEMPERATURES WERE DETERMINED ON THE BASIS OF ISOTOPE RATIOS (VAN DER STRAATEN, C.M., AND MOOK, W.G., 1983, STABLE ISOTOPIC COMPOSITION AND PRECIPITATION AND CLIMATIC VARIABILITY). COMPLETE BIBLIOGRAPHIC CITATIONS ARE IN REPORT. | D | N |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | |
| Activity - 8.3.1.2. | 1.4.1 | | | | |
| GS910408312141.001 | GEOHYDROLOGY AND EVAPOTRANSPIRATION AT FRANKLIN LAKE PLAYA, INYO COUNTY, CALIFORNIA, BY JOHN B. CZARNECKI | 01/01/86-04/20/90 | DIRECT FIELD MEASUREMENTS AND DATA, COMPUTER GENERATED DATA, POTENTIOMETRIC DATA, TRANSMISSIVITY AND HYDRAULIC CONDUCTIVITY DATA, EVAPOTRANSPIRATIONAL DATA, MOISTURE CONTENT IN UNSATURATED ZONE AND MODEL SENSITIVITY DATA. | D | И |
| | ACQN/DEVL LOCATION : 36 19'N 116 20'W USGS, DENVER, CO | | | | |
| • | | Sec. 4 | and the second | | |
| GS930508312141.001 | A CONCEPTUAL MODEL FOR THE UNSATURATED-ZONE HYDROGEOLOGIC SYSTEM, YUCCA MOUNTAIN, NEVADA BY D.T. HOXIE | 01/01/88-01/05/89 | REPORT DESCRIBES THE PRESENT HYDROGEOLOGIC AND RELATED PROCESSES WITHIN THE UZ USING SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED REPORTS. A SET OF HYPOTHESES INCLUDES 1) FLUID FLOW IN VARIABLY SATURATED ROCK MATRIX AND FRACTURES AND FAULTS, 2) PERCHED-WATER BODIES 3) STEADY-STATE SYSTEMS 4) | Ð | N |
| | | • | HYDROLOGIC BOUNDARY CONDITIONS. | | |
| · | ACON/DEVL LOCATION : USGS, DENVER, CO | | , | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | I A TFT |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | EDN |
| Activity - 8.3.1.2. | 1.4.2 | | | |
| GS920408312142.001 | SIMULATED EFFECTS OF INCREASED RECHARGE ON THE GROUND WATER FLOW SYSTEM OF YUCCA MOUNTAIN AND VICINITY, NEVADA - CALIFORNIA, BY JOHN B. CZARNECKI | 01/01/84-12/31/84 | SIMULATED THE GROUND WATER FLOW SYSTEM USING A TWO-DIMENSIONAL FINITE-ELEMENT PARAMETER-ESTIMATION MODEL. FEMOD WAS THE COMPUTER PROGRAM USED IN STUDY SIMULATION. THIS IS A MODELING REPORT. NO DIRECTLY ACQUIRED DATA WAS USED IN THE SIMULATIONS. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS920408312142.002 | FINITE ELEMENT SIMULATION OF GROUNDWATER FLOW IN THE VICINITY OF YUCCA MOUNTAIN, NEVADA - CALIFORNIA, BY J.B. CZARNECKI AND R.K. WADDELL | 01/01/84-12/06/84 | USGS STANDARD METHODS. THIS REPORT IS A MODELING REPORT. NO DIRECTLY ACQUIRED DATA WAS USED FOR SIMULATION. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930408312142.001 | TWO-DIMENSONAL, STEADY-STATE MODEL OF GROUND-WATER FLOW, NEVADA TEST SITE AND VICINITY, NEVADA-CALIFORNIA, BY RICHARD K. WADDELL | 01/01/81-01/01/82 | USING AN INVERSE PROCEDURE, A CONCEPTUAL MODEL OF A GROUND WATER FLOW SYSTEM WAS DEVELOPED USING RECHARGE/DISCHARGE FLUXES, BOUNDARY FLUXES, AND DISTRIBUTION OF HYDROLOGIC PROPERTIES. NUMERICAL TECHNIQUE FOR DESCRIBING FLOW OF WATER IN POROUS MEDIA IS BY COOLEY, 1977 AND 1979, WATER RESOURCES RESEARCH. A SCALED-SENSITIVITY MATRIX FOR HYDRAULIC HEADS WAS COMPLETED TO EVALUATE UNCERTAINTY IN MODEL PARAMETERS. SCALED FLUX SENSITIVITY WAS USED TO ESTIMATE PROPORTIONAL CHANGES IN PARAMETERS. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. | DNT |
| · | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| DATA TRACKING NO. | | | ACQN/DEVI MEINOD | E D N |
| GS920108312211.001 | LABORATORY AND FIELD MEASUREMENTS DONE ON SOIL/ALLUVIUM/COLLUVIUM SAMPLES TO DETERMINE PHYSICAL PROPERTIES AND FIELD GEOMORPHOLOGICAL OBSERVATIONS. | 01/01/87-01/31/89 | LABORATORY METHODS FOR SOIL PHYSICAL PROPERTIES WERE STANDARD SOILS METHODS LOCATED IN "METHODS OF SOIL ANALYSIS - PHYSICAL PROPERTIES" ASA MONOGRAPH NO.9. REMAINING METHODS WERE PROTOTYPE. | ANC |
| | ACON/DEVL LOCATION : COLO. SCHOOL OF MINES, | GOLDEN, CO | | |
| | | , MERCORI, NV | | |
| **GS920808314213.003 | ASSESSMENT OF GEOPHYSICAL LOGS FROM BOREHOLE USW G-2, WITH RECOMMENDATIONS FOR FUTURE LOGGING AT YUCCA MIN., NV, BY P.H. NELSON AND ULRICH SCHIMSCHAL. | 01/06/92-06/30/92 | ASSESSMENT OF CURRENT LOGGING TECHNOLOGY IN ORDER TO SPECIFY THE KINDS OF LOGS AND, IF APPROPRIATE, THE SUPPLIERS AND MODELS OF LOGGING TOOLS TO BE USED IN FUTURE LOGGING. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS921008312211.002 | GRAVIMETRIC WATER CONTENT MEASUREMENTS OF CORE AND CUTTINGS FROM UE-25UZ#4 AND UE-25UZ#5 | 09/06/84-11/19/84 | CORE AND CUTTING SAMPLES WERE WEIGHED BEFORE AND AFTER DRYING. | ANC |
| | ACQN/DEVL LOCATION : UE-25UZ#4 UE-25UZ#5 | | | |
| GS921008312211.003 | WATER POTENTIAL MEASUREMENT OF CORE AND CUTTINGS FROM UE-25UZ#4 AND UE-25UZ#5 | 09/14/84-09/19/85 | WATER POTENTIAL MEASUREMENTS OF CORE AND CUTTINGS WERE MADE WITH THE SC-10 DECAGON DEVICE. | ANC |
| | ACON/DEVL LOCATION : TEST CELL 'C' USGS, AN | REA 25, NTS | | |
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| | SITE CHARACTERI | IZATION PLAN BASELIN | E | TF |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | YI PE ED |
| GS921008312211.004 | GRAIN AND BULK DENSITY MEASUREMENTS OF Rotary core from ue-25u2#4 and ue-25u2#5 | 11/19/84-08/05/85 | ANNUAL BOOK OF ASTM STANDARDS , V.19: 1) STANDARD TEST METHOD FOR BULK SPECIFIC-GRAVITY OF COMPACTED BITUMINOUS MIXTURES USING PARAFILM-COATED SPECIMENS, ANSI-ASTM D 1188-71; 2) STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS, ANSI ASTM D 854-58 | AN (|
| | ACON/DEVL LOCATION : HOLMES & NARVER MATER | RIALS TESTING LAB, M | ERCURY, NV | |
| 38921008312211.005 | TRITIUM CONCENTRATIONS IN ALLUVIAL-COLLUVIAL MATERIAL FROM UE-25U2#4 | 01/04/85-08/15/85 | USGS STANDARD METHODS FOR TRITIUM MEASUREMENTS, TWRI, BOOK 5, CH. A5 | AN |
| neo dianto inte | ACON/DEVL LOCATION : USGS TRITIUM LABORATO | DRY, RESTON, VA | | |
| 35921008312211.008 | GEOHYDROLOGIC DATA FROM TEST HOLES UE-25 UZ #4 AND UE-25 UZ #5, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY CAROLE L. LOSKOT AND DALE P. HAMMERMEISTER | 09/06/84-07/12/90 | COMPILED DATA FROM GRAVIMETRIC WATER CONTENT MEASUREMENTS, WATER POTENTIAL MEASUREMENTS, BULK AND GRAIN DENSITY MEASUREMENTS, TRITIUM MEASUREMENTS, CORES, LITHOLOGY. | DN |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS921208312211.009 | GRAVIMETRIC WATER CONTENT MEASUREMENTS OF CORES AND CUTTINGS FROM USW UZ-6S | 04/23/85-09/06/85 | CORE AND CUTTING SAMPLES WERE WEIGHED BEFORE AND AFTER DRYING | AN E |
| | ACON/DEVL LOCATION : USW UZ-65 | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVI. METHOD | TFT YII PEO EDN |
| GS921208312211.010 | WATER POTENTIAL MEASUREMENTS OF CORES & Cuttings from USW U2-65 | 05/18/85-04/22/86 | WATER POTENTIAL MEASUREMENTS OF CORE & Cuttings were made with the SC-10 decagon Device | ANP |
| | ACQN/DEVL LOCATION : TEST CELL C, USGS, A | REA 25, NTS | | |
| GS921208312211.011 | BULK & GRAIN DENSITY MEASUREMENTS OF ROTARY CORE FROM USW UZ-6S | 04/23/86-06/09/86 | ANNUAL BOOK OF ASTM STANDARDS, V.19; 1) STANDARD TEST METHODS FOR BULK SPECIFIC-GRAVITY OF COMPACTED BITUMINOUS MIXTURES USING PARAFILM-COATED SPECIMENS, ANSI ASTMD 1188-71; 2) STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS, ANSI ASTM D 854-58 | ANP |
| | ACQN/DEVL LOCATION : HOLMES & NARVER MATE | RIALS TESTING LAB, M | ERCURY, NV | |
| GS921208312211.013 | GEOHYDROLOGIC DATA FROM TEST HOLE USW UZ-6S, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY CAROLE A. LOSKOT. | 04/23/85-11/30/92 | COMPILED DATA FROM GRAVIMETRIC WATER CONTENT MEASUREMENTS, WATER POTENTIAL MEASUREMENTS, BULK & GRAIN DENSITY MEASUREMENTS, CORES, AND LITHOLOGY. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO. | · | | |
| GS930108312211.001 | USE OF STATISTICALLY DISTINCT GENESIS-LITHOLOGY-QUALIFIER MAP UNITS FOR CLASSIFYING UPLAND SOILS AT YUCCA MOUNTAIN, NEVADA, BY GEOMORPHOLOGY AND PHYSICAL PROPERTIES AFFECTING INFILTRATION, BY M.R. SCHMIDT, K.E. KOLM, AND ALAN L. FLINT. | 01/01/89-07/01/91 | RELATIONS BETWEEN GEOMORPHIC ENVIRONMENTS AND PHYSICAL PROPERTY VARIABLES WERE EVALUATED USING CORRELATION AND ANALYSIS-OF VARIANCE TECHNIQUES, AND STATISTICALLY DISTINCT MAP UNITS WERE DETERMINED FOR GLQ MAPPING USING MULTIPLE COMPARISON TECHNIQUE. HYDRAULIC-CONDUCTIVITY VALUES FOR EACH MAP | DNC |
| | | | UNIT WERE ESTIMATED BASED ON MEAN SILT AND CLAY CONTENT. | |
| · · · · | ACON/DEVL LOCATION : USGS HRF, NTS AREA 2 | 5, MERCURY, NV | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | YII PEO EDN |
| 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 | DNP |
| | ACON/DEVL LOCATION : USGS RYDROLOGIC RESEA | ARCH 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 C |
| | ACON/DEVL LOCATION : USGS HYDROLOGIC RESEA | RCH FACILITY, NTS, | NA CONTRACTOR OF A | |
| **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 | ANC |
| | ACQN/DEVL LOCATION : UE-25 UZN #85 USGS HYDROLOGIC RESEA | ARCH 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 | BRONTON COMPASS WAS USED TO MEASURE SLOPE, ASPECT AND BLOCKING RIDGES AT EACH LOCATION ALONG THREE TRANSECTS. | ANC |
| | ACQN/DEVL LOCATION : N231, 500 (N) E171,000 | (N) ;N232,000(N) E17 | 2,000 (N) | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | Р Е - | E (D 1 |) 1 - |
| 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 | נומ | > |
| | ACQN/DEVL LOCATION : USGS HYDROLOGIC RESEA | RCH FACILITY, NTS, | NV | | | |
| 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 (| ; |
| | • | | | | | |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | | | | |
| GS940308312211.006 | BULK DENSITY, MASS WETNESS, AND Volumetric Water contents from Pagany Wash Area. | 06/10/93-10/01/93 | BULK DENSITY WAS DETERMINED WITH PROTOTYPE PROCEDURE HP-259, R0, DETERMINATION OF BULK DENSITY USING AN IRREGULAR HOLE BULK DENSITY SAMPLER, WATER CONTENTS WERE DETERMINED USING HP-229, R3, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES. | A | 8 | 2 |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METROD | Ē |
| GS940708312212.009 | CONSTRUCTION OF SAND TANKS FOR GEOPHYSICAL OPERATIONAL CHECKS, SCIENTIFIC NOTEBOOK SN-0065 | 05/16/94-06/20/94 | TANKS WERE FILLED WITH KNOWN AMOUNTS OF SAND AND/OR WATER, ALL SPECIFIC INFORMATION IS GIVEN IN SN-0065, CONSTRUCTION OF SAND TANKS FOR GEOPHYSICAL OPERATIONAL CHECKS. | A |
| | ACQN/DEVL LOCATION : USGS HRF, NTS, NV | | | |
| s941008312211.007 | FY94 BOREHOLE GEOPHYSICS, UE-25 Boreholes Uzn#3, Uzn#4, Uzn#5, Uzn#6, Uzn#7, Uzn#8, Uzn#9 and Uzn#63 | 08/01/94-10/15/94 | HP-274,R0, GEOPHYSICAL LOGGING USING GAMMA-GAMMA GEOPHYSICAL LOGGING PROBE, AND HP-275,R0, GEOPHYSICAL LOGGING USING NEUTRON-NEUTRON GEOPHYSICAL LOGGING PROBE. | A |
| | ACQN/DEVL LOCATION : UE-25 U2N#3 UE-25 U2N#4 UE-25 U2N#5 UE-25 U2N#6 UE-25 U2N#63 UE-25 U2N#7 UE-25 U2N#8 UE-25 U2N#8 | | | |
| SNSAND87238000.000 | HYDRAULIC CONDUCTIVITY, BULK DENSITY, WATER RETENTION, AND CURVE FIT PARAMETER DATA. SAND87-2380: "STATISTICAL ANALYSIS OF HYDROLOGIC DATA FOR YUCCA MOUNTAIN" | 08/21/82-12/01/87 | THE DATA ANALYZED IN THIS REPORT CONSIST OF MEASUREMENTS MADE ON TUFF SAMPLES OBTAINED FROM CORES TAKEN FROM THREE DRILL HOLES AT YUCCA MOUNTAIN. THE CYLINDRICAL CORES WERE ABOUT 6 CM IN DIAMETER AND 6 TO 20 CM LONG. SAMPLES WERE TAKEN FROM EACH OF THE FUNCTIONAL UNITS WITHIN EACH DRILL HOLE, AT VARIOUS DEPTHS WITHIN EACH UNIT, USUALLY 10 M OR MORE APART. STATISTICAL ANALYSES WERE MADE FROM FOUR HYDRAULIC VARIABLES: SATURATED-MATRIX HYDRAULIC CONDUCTIVITY; MAXIMUM MOISTURE CONTENT; SUCTION HEAD: AND GROUNDWATER TRAVEL TIME. | D |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACON/DEVL METHOD | | PE ED |
| Activity - 8.3.1.2. | 2.1.2 | | | | | |
| GS910808312212.001 | GEOHYDROLOGIC DATA I NEUTRON-ACCESS HOLE: AREA, NYE COUNTY, NI BLOUT, DALE P HAMMEI LOSKOT, AND MICHAEL | FROM SHALLOW S, YUCCA MOUNTAIN EVADA, BY DANIEL O RMEISTER, CAROLE P CHORNACK. | 07/01/84-02/01/86 | REFER TO TECHNICAL DETAILS CONCERNING METHODS. | PROCEDURE HP-62 FOR DATA COLLECTION | A N |
| | ACQN/DEVL LOCATION | : UE25 UZN-1 UE25 UZN-10 UE25 UZN-11 UE25 UZN-12 UE25 UZN-13 UE25 UZN-14 UE25 UZN-18 UE25 UZN-19 UE25 UZN-2 UE25 UZN-20 UE25 UZN-20 UE25 UZN-21 UE25 UZN-23 UE25 UZN-28 UE25 UZN-28 UE25 UZN-29 UE25 UZN-3 UE25 UZN-30 | | | | · |
| | | UE25 UZN-4 UE25 UZN-5 UE25 UZN-6 UE25 UZN-6 UE25 UZN-7 UE25 UZN-7 UE25 UZN-8 UE25 UZN-85 UE25 UZN-9 | | | | |
| ta an | | UE25 U2N-97 UE25 U2NC-1 UE25 U2NC-2 UE29 U2N-91 | e e de la companya de | | ng dia sa katalan ng ka Ng katalan ng | |
| | ana 1997 - National States 1997 - States States | UE29 UZN-92 USW UZ-N24 USW UZ-N25 USW UZ-N26 USW UZ-N40 | | •••••••••••••••••••••••••••••••••••••• | | |
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| : : ^{******} | USW UZ-N41 USW UZ-N42 USW UZ-N43 USW UZ-N44 USW UZ-N45 USW UZ-N46 USW UZ-N46 USW UZ-N47 USW UZ-N49 USW UZ-N49 USW UZ-N51 | | | |
| | USW UZ-N51 USW UZ-N52 USW UZ-N65 USW UZ-N66 USW UZ-N67 USW UZ-N68 USW UZ-N69 USW UZ-N70 USW UZ-N70 USW UZ-N71 USW UZ-N73 USW UZ-N74 | | | |
| | USW UZ-N75 USW UZ-N76 USW UZ-N76 USW UZ-N77 USW UZ-N79 USW UZ-N80 USW UZ-N81 USW UZ-N83 USW UZ-N83 USW UZ-N84 | | an 1997 - Stan Stan Stan Stan Stan Stan Stan Stan | |
| | USW UZ-N86 USW UZ-N87 USW UZ-N88 USW UZ-N89 USW UZ-N90 USW UZ-N93 USW UZ-N94 | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | | |
| GS920108312212.004 | DATA COLLECTED ON FIELD AND LAB EXPERIMENTS TO ASSESS SUITABILITY OF A COLLIMATED NEUTRON PROBE. | 05/01/86-12/31/87 | DATA RECORDED BY HAND ACCORDING TO PROTOTYPE STUDIES FOR CHARACTERIZATION OF NATURAL INFILTRATION. | ANC | |
| | ACQN/DEVL LOCATION : AREA 25, NTS. | | | | |
| GS920208312212.001 | WEATHERSTATION DATA FOR YUCCA MOUNTAIN, NV FOR 1988 AND UP TO 5/2/89. DATA INCLUDES DAILY VALUES OF INCOMING SHORTWAVE SOLAR RADIATION AND AIR TEMPERATURE. | 01/01/88-05/02/89 | PYRANOMETER AND CSI 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; HP-168,R0, MEASUREMENT OF ENERGY FLUX DENSITY BY A PYRANOMETER. | A N P | |
| | ACQN/DEVL LOCATION : 36 08'00"N 116 04'00" | W | | | |
| GS920208312212.002 | 1989 WEATHERSTATION DATA FOR YUCCA MOUNTAIN, NV, FROM 5/3/89. INCLUDES DAILY VALUES OF SHORTWAVE RADIATION AND AIR TEMPERATURE. | 05/03/89-12/31/89 | QA APPROVED WEATHERSTATIONS AND ALL ACCOMPANYING INSTRUMENTS. HP-97,R0, MEASUREMENT OF TEMPERATURE AND RELATIVE HUMIDITY USING A CAMPBELL SCIENTIFIC, INC. 207 TEMPERATURE AND RELATIVE HUMIDITY PROBE; AND HP-168, R0, MEASUREMENT OF ENERGY FLUX DENSITY USING A PYRANOMETER. | А Ү Р | |
| | ACQN/DEVL LOCATION : 36 08'00"N 116 04'00" | W | | | |
| GS920208312212.003 | PREDICTION OF ACTUAL SOLAR RADIATION USING MODELED CLEARSKY RADIATION AND AIR TEMPERATURE, BY ALAN L. FLINT AND LORRAINE E. FLINT | 01/01/90-01/24/92 | MODELING OF CLEARSKY RADIATION DATA USING SITE PARAMETERS DESCRIBED IN PAPER "CALCULATION OF SOLAR RADIATION IN MOUNTAINOUS TERRAIN" IN AGRICULTURE AND FOREST METEOROLOGY, 40:233-249, 1987. | DNP | |
| | ACON/DEVL LOCATION : USGS HRF, MERCURY, NV | , | | | |

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| DATA | TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | EDN |
| GS921 | .008312211.002 | GRAVIMETRIC WATER CONTENT MEASUREMENTS OF CORE AND CUTTINGS FROM UE-25UZ#4 AND UE-25UZ#5 | 09/06/84-11/19/84 | CORE AND CUTTING SAMPLES WERE WEIGHED Before and after drying. | ANC |
| | | ACQN/DEVL LOCATION : UE-25UZ#4 UE-25UZ#5 | | | |
| GS921 | .008312211.003 | WATER POTENTIAL MEASUREMENT OF CORE AND CUTTINGS FROM UE-25UZ#4 AND UE-25UZ#5 | 09/14/84-09/19/85 | WATER POTENTIAL MEASUREMENTS OF CORE AND CUTTINGS WERE MADE WITH THE SC-10 DECAGON DEVICE. | ANC |
| | | ACON/DEVL LOCATION : TEST CELL 'C' USGS, J | AREA 25, NTS | | · . |
| GS921 | 1008312211.004 | GRAIN AND BULK DENSITY MEASUREMENTS OF ROTARY CORE FROM UE-25U2#4 AND UE-25U2#5 | 11/19/84-08/05/85 | ANNUAL BOOK OF ASTM STANDARDS, V.19: 1) STANDARD TEST METHOD FOR BULK SPECIFIC-GRAVITY OF COMPACTED BITUMINOUS MIXTURES USING PARAFILM-COATED SPECIMENS, ANSI-ASTM D 1188-71; 2) STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOLLS, ANSI | ANC |
| | | | | ASTM D 854-58 | |
| | | ACQN/DEVL LOCATION : HOLMES & NARVER MATE | RIALS TESTING LAB, M | ERCURY, NV | |
| GS921 | 1008312211.005 | TRITIUM CONCENTRATIONS IN ALLUVIAL-COLLUVIAL MATERIAL FROM UE-25UZ#4 | 01/04/85-08/15/85 | USGS STANDARD METHODS FOR TRITIUM MEASUREMENTS, TWRI, BOOK 5, CH. A5 | A % N C 1.5 |
| | | ACQN/DEVL LOCATION : USGS TRITIUM LABORATO | DRY, RESTON, VA | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | E - | D - | N - |
| GS921008312211.008 | GEOHYDROLOGIC DATA FROM TEST HOLES UE-25 UZ #4 AND UE-25 UZ #5, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY CAROLE L. LOSKOT AND DALE P. HAMMERMEISTER | 09/06/84-07/12/90 | COMPILED DATA FROM GRAVIMETRIC WATER CONTENT MEASUREMENTS, WATER POTENTIAL MEASUREMENTS, BULK AND GRAIN DENSITY MEASUREMENTS, TRITIUM MEASUREMENTS, CORES, LITHOLOGY. | D | N | Т |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | | |
| GS921208312211.009 | GRAVIMETRIC WATER CONTENT MEASUREMENTS OF CORES AND CUTTINGS FROM USW UZ-6S | 04/23/85-09/06/85 | CORE AND CUTTING SAMPLES WERE WEIGHED BEFORE AND AFTER DRYING | A | N | P |
| | ACON/DEVL LOCATION : USW UZ-6S | | | | | |
| GS921208312211.010 | WATER POTENTIAL MEASUREMENTS OF CORES & CUTTINGS FROM USW UZ-6S | 05/18/85-04/22/86 | WATER POTENTIAL MEASUREMENTS OF CORE & Cuttings were made with the SC-10 decagon Device | A | N | P |
| | ACQN/DEVL LOCATION : TEST CELL C, USGS, AF | REA 25, NTS | | | | |
| GS921208312211.011 | BULK & GRAIN DENSITY MEASUREMENTS OF Rotary core from USW UZ-6S | 04/23/86-06/09/86 | ANNUAL BOOK OF ASTM STANDARDS, V.19; 1) STANDARD TEST METHODS FOR BULK SPECIFIC-GRAVITY OF COMPACTED BITUMINOUS MIXTURES USING PARAFILM-COATED SPECIMENS, ANSI ASTMD 1188-71; 2) STANDARD TEST | A | N | ₽ |
| | | | ASTM D 854-58 | | | |
| | ACON/DEVL LOCATION : HOLMES & NARVER MATER | RIALS TESTING LAB, M | ERCURY, NV | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | ED |
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| GS921208312211.013 | GEOHYDROLOGIC DATA FROM TEST HOLE USW UZ-6S, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY CAROLE A. LOSKOT. | 04/23/85-11/30/92 | COMPILED DATA FROM GRAVIMETRIC WATER CONTENT MEASUREMENTS, WATER POTENTIAL MEASUREMENTS, BULK & GRAIN DENSITY MEASUREMENTS, CORES, AND LITHOLOGY. | DN |
| | ACON/DEVL LOCATION : USGS, DENVER, CO. | | | |
| **GS921208312212.005 | NEUTRON MOISTURE METER COUNTS FROM LOGS Collected from 74 Boreholes at Yucca Mountain, NV, from the time they were Drilled Until 5/2/89. | 07/24/84-05/02/89 | NEUTRON LOGS WERE COLLECTED USING THE CPN 503 MOISTURE PROBE APPROXIMATELY EVERY 1-2 MONTHS USING USGS-HP-62, RO THRU R4, METHON FOR MEASURING SUB-SURFACE MOISTURE CONTENT USING A NEUTRON MOISTURE METER. | A N ! ! |
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| | ACQN/DEVL LOCATION : UE-2502N#1 UE-2502N#10 UE-2502N#12 UE-2502N#13 UE-2502N#14 | | | |
| | UE-25UZN#18 UE-25UZN#19 UE-25UZN#19 | | | |
| | UE-2502N#20 | | | |
| | UE-25UZN#21 UE-25UZN#22 | | | |
| | UE-25U2N#23 | | | |
| | UE-25UZN#26 | | | |
| | UE-250ZN#28 UE-25UZN#29 | | | |
| | UE-25U2N#3 UE-25U2N#30 | | | |
| | UE-25UZN#4 | | | |
| | UE-2502N#5 UE-2502N#56 | | | |
| | UE-25UZN#6 UE-25UZN#60 | | | |
| te si si te se te se | UE-25UZN#7 | | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| | | USW UZN-40 USW UZN-41 USW UZN-42 USW UZN-43 USW UZN-44 USW UZN-44 USW UZN-46 USW UZN-47 USW UZN-47 USW UZN-48 USW UZN-49 USW UZN-49 USW UZN-50 USW UZN-51 USW UZN-51 USW UZN-65 USW UZN-66 USW UZN-68 USW UZN-69 USW UZN-70 | | | |
| | | USW UZN-72 USW UZN-73 USW UZN-74 USW UZN-75 USW UZN-76 | | | |
| · * | | USW U2N-77 USW U2N-78 USW U2N-79 USW U2N-80 USW U2N-81 USW U2N-82 USW U2N-83 | | | |
| | | USW UZN-84 USW UZN-86 USW UZN-87 USW UZN-88 USW UZN-89 | | en e | |
| en e | | USW UZN-90 USW UZN-91 USW UZN-92 USW UZN-93 USW UZN-94 USW UZN-95 | | | |

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| SITE CHARACTERIZATION PLAN BASELINE | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| | USW UZN-96 USW UZN-98 | | | |
| **G5921208312212.006 | NEUTRON MOISTURE METER COUNTS FROM LOG Collected from 74 Boreholes at Yucca Mountain Nevada from 5/3/89 to 9/30/91 | 5 05/03/89-09/30/91 | NEUTRON LOGS WERE COLLECTED USING THE CPN 503 MOISTURE PROBE APPROXIMATELY EVERY 1- MONTHS USING USGS-HP-62,R4 THRU R6, METHO FOR MEASURING (SUB-SURFACE) MOISTURE CONTENT USING A NEUTRON MOISTURE METER. | АҮС 2 D |
| | ACON/DEVL LOCATION : UE-25 UZN #1 UE-25 UZN #10 UE-25 UZN #12 UE-25 UZN #13 UE-25 UZN #13 | | | |
| | UE-25 UZN #18 UE-25 UZN #19 UE-25 UZN #20 UE-25 UZN #20 UE-25 UZN #22 UE-25 UZN #22 UE-25 UZN #23 UE-25 UZN #23 UE-25 UZN #24 UE-25 UZN #24 UE-25 UZN #26 UE-25 UZN #26 UE-25 UZN #28 UE-25 UZN #30 UE-25 UZN #30 UE-25 UZN #30 UE-25 UZN #4 UE-25 UZN #56 | | | |
| | UE-25 UZN #6 UE-25 UZN #6 UE-25 UZN #6 UE-25 UZN #7 UE-25 UZN #8 UE-25 UZN #9 USW UZ-N40 USW UZ-N41 USW UZ-N41 USW UZ-N43 USW UZ-N43 USW UZ-N43 USW UZ-N45 USW UZ-N46 | | | |

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| DATA TRACKING NO. | SITE CHARACTERI TITLE/DESCRIPTION | ZATION PLAN BASELIN ACON/DEVL PERIOD | e Acon/devl method | D Q A U L T A O A L C I A T F T Y I I P E O E D N |
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| GS930108312212.001 | THE INFLUENCE OF LONG-TERM CLIMATE CHANGE ON NET INFILTRATION AT YUCCA MOUNTAIN, NEVADA, BY A.L. FLINT, L.E. FLINT & J.A. HEVESI | 06/01/92-12/31/92 | THE FOLLOWING DATA FROM THE SOURCE DATASETS WERE USED TO ESTIMATE PARAMETERS FOR FLOW MODELING: POROSITY, SATURATED PERMEABILITY, MOISTURE RETENTION, PARTICLE DENSITY. AVERAGE VALUES WERE USED FOR THE DIFFERENT LITHOLOGIC UNITS. IF A LITHOLOGIC UNIT WAS HIGHLY VARIABLE IT WAS DIVIDED INTO SEVERAL UNITS. | DYC |
| | ACON/DEVL LOCATION : USGS HRF, AREA 25, ME | RCURY, NV | | |
| GS930108312212.004 | THE INFLUENCE OF SEASONAL CLIMATIC VARIABILITY ON SHALLOW INFILTRATION AT YUCCA MOUNTAIN, BY J.A. HEVESI AND A.L. FLINT. THE VOLUMETRIC WATER CONTENT DATA FOR THIS REPORT HAVE BEEN SUPERSEDED BY DATA IDENTIFIED BY DTN GS940708312212.011. | 06/01/92-12/31/92 | PRECIPITATION DATA, AIR TEMPERATURE DATA, SOLAR RADIATION DATA, AND NEUTRON LOGGING DATA FOR THE PERIOD 1/11/90 TO 10/7/92 WERE USED TO DEVELOP AND CALIBRATE A 2-DIMENSIONAL FINITE DIFFERENCE NUMERICAL MODEL OF UNSATURATED GROUNDWATER FLOW. THE VOLUMETRIC WATER CONTENTS FROM DATA COLLECTED FROM BOREHOLE UE-25 UZN#7 WERE CALCULATED FROM THE PRELIMINARY EQUATION FOR MOISTURE METER 3 AS FOLLOWS: VMC = | |
| | | an an tha tha an | 3.265E-9*(METER3COUNTS)^2 + 2.3902E-5*(METER3COUNTS) - 3.933E-2. THE EQUATION WAS DEVELOPED USING POLYNOMIAL REGRESSION TECHNIQUES WITH NEUTRON COUNTS AND FIELD VOLUMETRIC WATER CONTENT DETERMINED ON BOREHOLE CORE SAMPLES. | |
| | ACON/DEVL LOCATION : USGS HRF, AREA 25, ME | RCURY, NV | | |
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DO AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA TFT YII PEO EDN ACON/DEVL PERIOD ACON/DEVL METHOD DATA TRACKING NO. TITLE/DESCRIPTION GS930108312212.005 CALCULATED SORPTIVITY VALUES AT VARIOUS 07/12/89-12/19/89 BOREHOLE IMBIBITION DATA COLLECTED WITH ANP INITIAL WATER CONTENTS FOR CORE FROM PRESSURE TRANSDUCER HOOKED TO A MARIOTTE NONWELDED (DD-1), AND WELDED (DD-2) SYSTEM AND TO A DATA LOGGER. CORE DATA BOREHOLES AT THE G-TUNNEL UNDERGROUND COLLECTED FROM A TOP LOADING BALANCE CONNECTED TO A COMPUTER, AND REGRESSIONS FACILITY. IMBIBITION INTO NONWELDED (DD-1) BOREHOLE WITH TIME. RUN TO PRODUCE SLOPE OF SORPTIVITY VS. TIME^1/2. ACON/DEVL LOCATION : GTUF, NTS, NV USGS HRF, NTS AREA 25, MERCURY, NV 07/13/92-10/30/92 BULK DENSITY USING ARCHIMEDES' METHOD. GS930108312212.006 USW UZ-N53 CORE ANALYSIS: BULK DENSITY, AYP POROSITY, PARTICLE DENSITY, & IN SITU POROSITY USING SATURATED CORE, PARTICLE SATURATION. 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 second sec second sec ACON/DEVL LOCATION : USGS HRF, NTS, NV **GS940108312212.001 NEUTRON MOISTURE METER COUNTS COLLECTED 10/01/91-09/30/93 NEUTRON LOGS WERE COLLECTED USING THE CPN A Y T FROM UE-29 UZN #91 AND UE-29 UZN #92 503 MOISTURE PROBE USING USGS HP-62, R6. NEAR YUCCA MOUNTAIN, NEVADA, FROM METHOD FOR MEASURING SUB-SURFACE MOISTURE CONTENT USING A NEUTRON MOISTURE METER. 10/01/91 TO 09/30/93. ACON/DEVL LOCATION : UE-29 UZN #91 UE-29 UZN #92 (AREA 25) and a second and a second s

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| 3940108312212.002 | DIGITIZED DATA INDICATING SURFACE UNIT BOUNDARIES FOR SHALLOW FLUX | 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 | DNP |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | | |
| \$\$940108312212.003 | 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. | 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 | AYC 2 |
| | 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 #19 UE-25 UZN #20 UE-25 UZN #22 UE-25 UZN #22 UE-25 UZN #22 UE-25 UZN #23 UE-25 UZN #23 UE-25 UZN #23 UE-25 UZN #23 UE-25 UZN #29 UE-25 UZN #30 UE-25 UZN #3 UE-25 UZN #3 UE-25 UZN #3 UE-25 UZN #4 UE-25 UZN #5 UE-25 UZN #5 UE-25 UZN #6 UE-25 UZN #6 UE-25 UZN #8 UE-25 UZN #8 UE-25 UZN #8 UE-25 UZN #85 UE-25 UZN #8 | | | |
| | UE-25 U2N #97 UE-29 U2N #91 UE-29 U2N #92 | | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD E D |
| | USW UZ-N68 USW UZ-N69 USW UZ-N70 USW UZ-N71 USW UZ-N71 USW UZ-N73 USW UZ-N73 USW UZ-N74 USW UZ-N75 USW UZ-N76 USW UZ-N77 USW UZ-N78 USW UZ-N78 USW UZ-N78 USW UZ-N78 USW UZ-N81 USW UZ-N81 USW UZ-N81 USW UZ-N83 USW UZ-N86 USW UZ-N86 USW UZ-N86 USW UZ-N86 USW UZ-N88 USW UZ-N89 USW UZ-N93 USW UZ-N94 USW UZ-N94 | | |
| GS940108312212.005 | SPATIAL DISTRIBUTION OF POTENTIAL NEAR SURFACE MOISTURE AT YUCCA MOUNTAIN, NEVADA, BY A.L. FLINT AND L.E. FLINT. THE VOLUMETRIC WATER CONTENTS DATA REPORTED IN THIS PUBLICATION ARE SUPERSEDED BY DATA IDENTIFIED BY DTN GS940708312212.011. | 10/01/93-01/14/94 | ESTIMATES OF ZONES WITHIN SITE-SCALE MODEL D 1 BOUNDARIES THAT HAVE SIMILAR PROPERTIES AND CONTRIBUTE TO CALCULATED POTENTIAL AND ESTIMATED PRESENT-DAY SHALLOW FLUXES. THE VOLUMETRIC WATER CONTENT IN BOREHOLES FOR DATA COLLECTED BETWEEN 1/1/90 AND 8/30/93 WAS CALCULATED FROM PRELIMINARY FIELD CALIBRATION EQUATIONS FOR NEUTRON MOISTURE METERS 3, 5, 6, 7 AND 8 AS FOLLOWS: VWC = 3.265E-9*(M3COUNTS)^2 + 2.3902E-5*(M3COUNTS)^2 + 2.202E-5*(M3COUNTS)^2 + 2.202E-5*(M3COUNTS)^2 + |

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4.8639E-9*(M6COUNTS)^2 + 1.3463E-5*(M6COUNTS) - 1.386E-2 VWC =

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| ATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD E |
| • | | | 7.6983E-9* (M7COUNTS) ^2 + 2.5999E-5* (M7COUNTS) - 2.848E-2 VWC = 1.0024E-8* (M8COUNTS) ^2 + 2.6184E-5* (M8COUNTS) - 2.227E-2. THE EQUATIONS WERE DEVELOPED USING POLYNOMIAL REGRESSION TECHNIQUES WITH NEUTRON COUNTS AND MEASURED FIELD VOLUMETRIC WATER CONTENTS. |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | |
| | | | |
| \$940108312212.006 | SHALLOW INFILTRATION PROCESSES IN ARID WATERSHEDS AT YUCCA MOUNTAIN, NEVADA, BY L.E. FLINT, A.L. FLINT AND J.A. HEVESI. THE VOLUMETRIC WATER CONTENT DATA REPORTED IN THIS PUBLICATION ARE SUPERSEDED BY DATA IDENTIFIED BY DTN GS940708312212.011. | 06/01/93-01/10/93 | A CONCEPTUAL MODEL OF SHALLOW INFILTRATION D PROCESSES WAS DEVELOPED USING NEUTRON LOGS AND RAINFALL DATA. THE VOLUMETRIC WATER CONTENT IN BOREHOLES WAS CALCULATED FROM PRELIMINARY FIELD CALIBRATION EQUATIONS FOR NEUTRON MOISTRE METERS 3, 5, 6, 7 AND 8 AS FOLLOWS: VWC = 3.265E-9*(M3COUNTS)^2 + 2.3902E-5*(M3COUNTS) - 3.933E-2 VWC = 3.265E-9*(M3COUNTS)^2 + 2.3902E-5*(M5COUNTS) - 3.933E-2 VWC = 4.8639E - 9*(M6COUNTS)^2 + |
| | | | 1.3463E-5*(M6COUNTS) - 1.386E-2 VWC = 7.6983E-9*(M7COUNTS)^2 + 2.5999E-5*(M7COUNTS) - 2.848E-2 VWC = 1.0024E-8*(M8COUNTS)^2 + |
| | | | 2.6184E-5* (MBCCOUNTS) - 2.227E-2. THE EQUATIONS WERE DEVELOPED USING POLYNOMIAL REGRESSION TECHNIQUES WITH NEUTRON COUNTS AND MEASURED FIELD VOLUMETRIC WATER CONTENTS |
| | | | |
| | ACON/DEVL LOCATION : USGS HYDROLOGIC RESE | ARCH FACILITY, NTS, | NV |
| | ACQN/DEVL LOCATION : USGS HYDROLOGIC RESE | ARCH FACILITY, NTS, | NV |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | PE ED |
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| *GS940308312212.007 | CALCULATED DAILY RADIATION LOAD FOR THE THREE TRANSECTS AT (UNNAMED) WT-2 WASH | 03/01/93-01/31/94 | CALCULATION OF DAILY SOLAR RADIATION ALONG THREE TRANSECTS AT WT-2 WASH USING MODEL THAT ACCOUNTS FOR TOPOGRAPHIC BLOCKING OF DIRECT BEAM RADIATION | DN |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | | |
| in a second of the | | | | ul v F |
| *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 (IN PREPARATION AT THE TIME, DETERMINATION OF WATER POTENTIAL USING THE DECAGON CX-2 WATER ACTIVITY SYSTEM. | AN |
| | ACON/DEVL LOCATION : USGS HYDROLOGIC RESEA | ARCH FACILITY, NTS, | NV | |
| *GS940708312212.009 | CONSTRUCTION OF SAND TANKS FOR GEOPHYSICAL OPERATIONAL CHECKS, SCIENTIFIC NOTEBOOK SN-0065 | 05/16/94-06/20/94 | TANKS WERE FILLED WITH KNOWN AMOUNTS OF SAND AND/OR WATER, ALL SPECIFIC INFORMATION IS GIVEN IN SN-0065, CONSTRUCTION OF SAND TANKS FOR GEOPHYSICAL OPERATIONAL CHECKS. | A Y |
| | ACQN/DEVL LOCATION : USGS HRF, NTS, NV | | | |
| *GS940708312212.010 | VOLUMETRIC WATER CONTENT FROM NEUTRON MOISTURE METER COUNTS FOR 74 BOREHOLES FROM THE TIME THEY WERE DRILLED UNTIL 5/2/89 | 10/15/93-06/30/94 | CALIBRATION EQUATIONS DEVELOPED FOR METERS USING HP-254, R0. DEVELOPMENT AND USE OF A CALIBRATION EQUATION FOR A HAND HELD NEUTRON MOISTURE METER, WATER CONTENT PREDICTED USING MOISTURE METER COUNTS. | ; D ¥ |
| *GS940708312212.010 | VOLUMETRIC WATER CONTENT FROM NEUTRON MOISTURE METER COUNTS FOR 74 BOREHOLES FROM THE TIME THEY WERE DRILLED UNTIL 5/2/89 | 10/15/93-06/30/94 | CALIBRATION EQUATIONS DEVELOPED FOR METERS USING HP-254, RO. DEVELOPMENT AND USE OF A CALIBRATION EQUATION FOR A HAND HELD NEUTRON MOISTURE METER, WATER CONTENT PREDICTED USING MOISTURE METER COUNTS. | ; |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | EDN |
| ***************** | | | | |
| *GS940708312212.011 | VOLUMETRIC WATER CONTENT FROM NEUTRON MOISTURE METER COUNTS FOR 99 BOREHOLES FROM 5/3/89 OR FROM THE TIME THEY WERE DRILLED UNTIL 12/31/93. THESE DATA | 10/15/93-06/30/94 | CALIBRATION EQUATIONS DEVELOPED FOR METERS USING HP-254, RO, DEVELOPMENT AND USE OF A CALIBRATION EQUATION FOR A HAND HELD NEUTRON MOISTURE METER, WATER CONTENT | ртс |
| offer an af the | SUPERSEDE DATA PREVIOUSLY IDENTIFIED BY DTN: GS930108312212.004; GS940108312212.005 AND GS940108312212.006. | and a second | PREDICTED USING NEUTRON MOISTURE METER COUNTS | |
| | ACQN/DEVL LOCATION : HYDROLOGIC RESEARCH F | ACILITY, NTS, NV | na da antina ang ang ang ang ang ang ang ang ang a | |
| *GS940908312212.012 | RESULTS OF NUMERICAL MODELING OF LATERAL INFILTRATION INTO THE PAINTBRUSH TUFFS NONWELDED UNIT. | 01/01/92-05/31/93 | INPUT OF PHYSICAL PROPERTIES AND ESTIMATED BOUNDARY CONDITIONS USING THE TOUGH CODE NUMERICAL SIMULATOR | DNP |
| | ACON/DEVL LOCATION : LAWRENCE BERKELEY LAB | , BERKELEY, CA | | |
| 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. | ANC |
| | ACON/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, | ANC |
| e Matalantina e | na na sina sina sina sina sina sina sina | | R6, METHOD FOR MEASURING SUB-SURFACE MOISTURE CONTENT USING A NEUTRON MOISTURE METER. | |
| | ACON/DEVL LOCATION : UE-25 U2N #85 | | | |
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| | | | | D Q A U L T A O A L C |
| | SITE CHARACTERI | ZATION PLAN BASELIN | E | I A T F T Y I I |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| **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. | DNC |
| | ACON/DEVL LOCATION : USGS HYDROLOGIC RESEN | ARCH 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 | ANC |
| | | | PARTICLE SIZE ANALYSIS | |
| | ACQN/DEVL LOCATION : UE-25 UZN #85 USGS HYDROLOGIC RESEA | ARCH FACILITY, NTS, | | |
| **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. | ANC |
| | ACQN/DEVL LOCATION : UE-25 UZN #85 USGS HYDROLOGIC RESE | ARCH FACILITY, NTS, | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | P E | E D | 1 0 N - |
| 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 | И | P |
| GS940108312213.00B | ACQN/DEVL LOCATION : UE-25 UZN #14 UE-25 UZN #85 USGS HRF, NTS, NV 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 CALIDBATION FOUNTIONS (FROM TRANSDUCED | D | N | P |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | READINGS AND CUMULATIVE TIME MEASUREMENTS) |) | | |
| GS940108312213.010 | MODELING A PONDED INFILTRATION EXPERIMENT AT YUCCA MOUNTAIN, NEVADA, BY DAVID B. HUDSON, ALAN L. FLINT AND WILLAM R. GUERTAL | 12/20/93-01/19/94 | REPORT MODELING THE OBSERVED WATER CONTENT PROFILES FROM A PONDED INFILTRTAION EXPERIMENT AT UE-25 UZN 485 | D | N | P |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | • • • • • • • • • • • | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| **GS940408312213.004 | MODELING INPUT AND OUTPUT FOR THE FIRST 60 HOURS OF THE UE-25 UZN #85 ARTIFICIAL INFILTRATION (PONDED INFILTRATION EXPERIMENT). | 11/01/93-02/15/94 | NUMERICAL MODEL PROPERTIES WERE SELECTED AND THE DATA SET INPUT TO THE MODELING PROGRAM TOUGH.FOR, WHICH PRODUCED THE OUTPUT DATA. | DNC |
| | ACQN/DEVL LOCATION : USGS HRF, MERCURY, NV | | | |
| *GS940708312212.009 | CONSTRUCTION OF SAND TANKS FOR GEOPHYSICAL OPERATIONAL CHECKS, SCIENTIFIC NOTEBOOK SN-0065 | 05/16/94-06/20/94 | TANKS WERE FILLED WITH KNOWN AMOUNTS OF SAND AND/OR WATER, ALL SPECIFIC INFORMATION IS GIVEN IN SN-0065, CONSTRUCTION OF SAND TANKS FOR GEOPHYSICAL OPERATIONAL CHECKS. | AYP |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | | |
| *G5940708312213.011 | FIELD MEASURED SOIL WATER CONTENTS, FIELD MEASURED SOIL DIELECTRIC CONSTANTS, HYGROSCOPIC WATER CONTENTS, | 06/11/93-06/06/94 | FIELD MEASURED SOIL WATER CONTENTS AND SOIL DIELECTRIC CONSTANTS, AS WELL AS HYGROSCOPIC WATER CONTENTS AND POROSITIES WEDE MEASURED THESE DATA WERE USED AS | ANP |
| a shekara Marina e | THE VICINITY OF UE-25 UZN#14 COMPRISING A TIME DOMAIN REFLECTOMETRY CALIBRATION DATA SET FOR CALCULATING SOIL WATER | n sa | MODEL PARAMETER INPUTS FOR TIME DOMAIN REFLECTOMETRY CALIBRATION EQUATIONS USED TO CALCULATE SOIL WATER CONTENTS. | |
| | CONTENTS. ACON/DEVL LOCATION : UE-25 UZN#14 USGS HRF, NTS, NV | | | _ |
| *GS940708312213.012 | PRELIMINARY INFILTRATION DATA FOR UNCONSOLIDATED SURFACE MATERIALS, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY L.L. HOFFMANN, W.R. GUERTAL, & A.L. FLINT | 03/09/93-04/15/94 | CUMULATIVE INFILTRATION AND SURFACE FLUX MEASUREMENTS WERE CALCULATED, FROM WHICH HYDROLOGIC PARAMETERS SORPTIVITY AND SATURATED HYDRAULIC CONDUCTIVITY WERE DERIVED. | DNP |
| ···· | ACQN/DEVL LOCATION : USGS HRF, NTS, NV | | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVI. METHOD | PEO EDN |
| GS941008312213.013 | CALCULATED VOLUMES OF WATER THAT ENTERED THE CONFINING RING SURROUNDING BOREHOLE UE-25 UZN#7 IN PONDING EXPERIMENT | 09/30/94-10/05/94 | HP-273,RO, METHOD FOR MEASURING SURFACE INFILTRATION RATES USING A CONSTANT-HEAD RING INFILTROMETER. VOLUME OF WATER ENTERING THE CONFINING RING SURROUNDING | АҮР |
| • | | an an an an Arranga san Arranga | BOREHOLE UE-25 UZN‡7 WAS CALCULATED USING THE RECORDED CUMULATIVE PULSES AND THE TURBINE PULSE FLOW METER CONVERSION OF 75.7 PULSES/GAL. | |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | | |
| Activity - 8.3.1.2. | 2.2.1 | | | |
| LA00000000062.001 | HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE USW UZ-N11. | 11/01/90-08/26/93 | (1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, | АҮР |
| | | an an an an Arab | FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY | · |
| | and the second state of th | | ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS. | |
| | ACON/DEVL LOCATION : LANL | | | |
| LA00000000062.002 | HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE USW UZ-N27. | 11/01/90-08/26/93 | (1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY. | AYP |
| | an a | | FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-OP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED | |
| | an a | | FOLLOWING LANL-INC-DP-95 AND ANALYZED BY ACCELERATOR MASS SPECTROMETRY AS | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD |
| LA0000000062.003 | HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE USW UZ-N37. | 11/01/90-08/26/93 | (1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AN BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-IMP-QP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY |
| | ACON/DEVL LOCATION : LANL | | ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS. |
| LA00000000062.004 | HALIDE AND CHLORINE-36 ANALYSES OF | 11/01/90-08/26/93 | (1) SAMPLE PREPARATION BY LEACHING, |
| | CUTTINGS FROM BOREHOLE USW UZ-N53. | | FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AN BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-OP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY |
| | | a sa | ACCELERATOR MASS SPECTROMETRY AS Commercial-grade analysis. |
| | ACON/DEVL LOCATION : LANL | | |
| LA00000000062.005 | HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE USW UZ-N54. | 11/01/90-08/26/93 | (1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AN BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-IMC-DP-94 OR NOTEBOOK CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | P E - | e o d n |
| LA00000000062.006 | HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE USW UZ-N55. | 01/01/90-08/26/93 | (1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-INC-DP-94 OR NOTEBOOK CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY | A . | ΥP |
| . • • . • . • | | _ M | ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS. | | •. |
| | ACQN/DEVL LOCATION : LANL | | | | |
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| LA00000000062.007 | HALIDE AND CHLORINE-36 ANALYSES OF CUTTINGS FROM BOREHOLE UE25 UZ-16. | 01/01/90-08/26/93 | (1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-INC-DP-94 OR NOTEBOOK CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY | A | ΥP |
| | | | ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS. | | |
| | ACQN/DEVL LOCATION : LANL | | | | |
| LA0000000063.001 | HALIDE AND CHLORINE ISOTOPIC ANALYSES OF COLLECTED SOILS FROM MIDWAY VALLEY PITS AND TRENCHES | 01/01/90-08/26/93 | (1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-DP-95 AND ANALYZED BY | Ъ. | ΥP |
| | | | ACCELERATOR MASS SPECTROMETRY AS COMMERCIAL-GRADE ANALYSIS. | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVI. METHOD | PECEDI |
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| LA00000000063.002 | HALIDE ANALYSES OF SURFACE SOILS COLLECTED WITHIN THE PERIMETER DRIFT BOUNDARY | 11/01/90-08/26/93 | (1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. | A Y 1 |
| | ACON/DEVL LOCATION : LANL | 4 | | |
| LA00000000064.001 | HALIDE AND CHLORINE-36 ANALYSES OF GROUNDWATERS FROM THE SATURATED ZONE. | 11/01/90-08/26/93 | CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. CHLORINE-36/CHLORINE SAMPLES PREPARED FOLLOWING LANL-INC-95 AND ANALYZED BY ACCELERATOR MASS SPECTROMETRY AS | АЧІ |
| | | | COMMERICAL-GRADE ANALYSIS. | |
| | ACQN/DEVL LOCATION : LANL | | | |
| 1A000000000065.001 | HALIDE AND CHLORINE-36 ANALYSES OF ROCKS FROM THE NORTH STARTER TUNNEL. | 11/01/90-08/26/93 | (1) SAMPLE PREPARATION BY LEACHING, FOLLOWING LANL-INC-DP-92. (2) CHLORIDE AND BROMIDE ANALYZED BY ION CHROMATOGRAPHY, FOLLOWING LANL-INC-DP-94 OR NOTEBOOK PROCEDURE LANL-YMP-QP-03.5. (3) CHLORINE-36/CHLORINE SAMPLES PREPARED DOTIONING LANL-INC-BY | АУЛ |
| | n de la constante de la consta Nota de la constante de la cons Nota de la constante de la const | | ACCELERATOR MASS SPECTROMETRY AS COMMERICAL-GRADE ANALYSIS. | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | Y I I P E O E D N |
| Activity - 8.3.1.2. | 2.3.1 | | | | |
| GS920108312231.001 | CORE ANALYSES FOR VARIOUS W COUNTY. TESTS INCLUDE: KLI PERMEABILITY TO AIR OVERBUR PERMEABILITY TO AIR VERSUS MEAN PRESSURE, AIR-BRINE, C | WELLS IN NYE INKENBERG RDEN PRESSURE, RECIPROCAL CAPILLARY | 01/01/84-09/30/86 | CORE ANALYSES STUDIES DONE BY USGS APPROVED VENDOR. | ANC |
| | PRESSURE, UNSTEADY STATE GA Relative permeability, and permeability to water. | AS-WATER SPECIFIC | | (1) Ny Lorentzi, C. C. Stationard and S. S. Santari, and Santar Santari, and Santari, and | |
| | ACQN/DEVL LOCATION : UE 25 UE-25 UE-25 | #1 A #4 A #6 | | | |
| | USW G- USW G- | -1 -2 | | | |
| GS920108312231.002 | CORE ANALYSES FOR UZ-4 AND TESTS INCLUDE: PERMEABILITY POROSITY WITH GRAIN DENSITY CALCULATIONS, SPECIFIC PERM WATER AND KLINKENBERG PERME | UZ-5 WELLS. Y TO AIR AND Y MEABILITY TO EABILITY. | 01/01/84-09/30/86 | CORE ANALYSES STUDIES DONE BY USGS APPROVED VENDOR. | ANC |
| | ACON/DEVL LOCATION : UE-25 UE-25 | UZ #4 UZ #5 | | | |
| GS920108312231.003 | ANALYSES FROM LABORATORY ME CORE PHYSICAL AND HYDROLOGI PROPERTIES OF VARIOUS WELLS COUNTY. TESTS INCLUDE: PER DIR DUD ROBOSITY WITH COMM | EASUREMENTS OF IC FLOW S IN NYE RMEABILITY TO | 01/01/84-09/30/86 | CORE ANALYSES STUDIES DONE BY USGS APPROVED VENDORS. | ANC |
| | CALCULATIONS, SPECIFIC PERM WATER AND KLINKENBERG PERME AIR. | MEABILITY TO EABILITY TO | | | |
| an a | ACON/DEVL LOCATION : UE-25A UE-25A UE-25A USW G- USW G- USW G- USW G- | A #1 A #4 -1 -2 -3 | | | |
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AUL TAO ALC ΙΑ SITE CHARACTERIZATION PLAN BASELINE TFT YII PEO EDN ACON/DEVL PERIOD ACON/DEVL METHOD DATA TRACKING NO. TITLE/DESCRIPTION _____ - - -____ ı GS920108312231.004 ANALYSES FOR LABORATORY MEASUREMENTS OF 01/01/84-09/30/86 CORE ANALYSES DONE BY USGS APPROVED ANC VENDOR. CORE PHYSICAL AND HYDROLOGIC FLOW PROPERTIES FOR VARIOUS WELLS IN NYE COUNTY. TEST INCLUDE: KLINKENBERG PERMEABILITY, AIR-BRINE POROUS-PLATE AND CENTRIFUGE CAPILLARY PRESSURE, SPECIFIC PERMEABILITY TO WATER, UNSTEADY-STATE GAS-WATER RELATIVE PERMEABILITY AND CENTRIFUGE GAS-WATER RELATIVE PERMEABILITY. ACON/DEVL LOCATION : UE-25 UZ #5 UE-25A #1 UE-25A #4 UE-25A #6 USW G-1 USW G-2 USW G-3 · · · 01/01/84-09/30/86 CORE ANALYSES DONE BY USGS APPROVED ANC GS920108312231.005 ANALYSES FOR LABORATORY MEASUREMENTS OF CORE PHYSICAL AND HYDROLOGIC FLOW VENDOR. PROPERTIES FOR VARIOUS WELLS IN NYE COUNTY. TEST INCLUDE: GRAIN AND BULK . . DENSITY, KLINKENBERG PERMEABILITY. SPECIFIC PERMEABILITY TO OIL AND TO WATER, AIR-BRINE POROUS PLATE AND CENTRIFUGE CAPILLARY PRESSURE AND CENTRIFUGE RELATIVE PERMEABILITY. ACON/DEVL LOCATION : UE-25 UZ #4 UE-25 UZ #5 • UE-25A #1 UE-25A #4 USW G-1 USW G-2 USW G-3

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DO AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA TFT YII PEO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN _____ _____ **GS920108312231.006 PRELIMINARY PERMEABILITY AND 01/01/90-10/09/90 USGS STANDARD DEVELOPMENT METHODS. DNT WATER-RETENTION DATA FOR NONWELDED AND BEDDED TUFF SAMPLES, YUCCA MOUNTAIN AREA, NYE COUNTY, NV. BY L.E. FLINT AND A.L. FLINT ACON/DEVL LOCATION : HYDROLOGIC RESEARCH FACILITY, AREA 25, NTS. and the second GS920508312231.010 COMPOSITE TRANSECT DATASET: INCLUDES 06/01/91-03/30/92 BULK DENSITY: ARCHIMEDE'S DISPLACEMENT. AYP REPRESENTATIVE SAMPLE RESULTS FROM POROSITY: SATURATION DETERMINATION. SURFACE OUTCROP STUDIES WITH DATA ON PARTICLE DENSITY CALCULATED, SORPTIVITY POROSITY, BULK DENSITY, PARTICLE DENSITY CALCULATED FROM IMBIBITION MEASUREMENTS. AND SORPTIVITY, SATURATED HYDRAULIC ABOVE CALCULATIONS DONE USING RELATIVE CONDUCTIVITY AND MOISTURE RETENTION. HUMIDITY OVEN DRY WEIGHTS. MOISTURE RETENTION 0 TO 15 BARS ON PRESSURE PLATE. 1200 BAR CALCULATIONS USING RH OVEN WATER POTENTIAL AND CALCULATED SATURATION. ACON/DEVL LOCATION : BUSTED BUTTE VERTICAL TRANSECT CALICO HILLS VERTICAL TRANSECT PAGANY WASH VERTICAL TRANSECT SHARDY BASE HORIZONTAL TRANSECT TOPOPAH CAPROCK HORIZONTAL TRANSECT UZ6 VERTICAL TRANSECT YUCCA CREST HORIZONTAL TRANSECT GS920508312231.011 USW GU-3 CORE ANALYSES. RESULTS FROM 69 09/01/91-02/28/92 BULK DENSITY IS ARCHIMEDE'S METHOD, AYP SAMPLES FROM TOPOPAH SPRING SHARDY BASE POROSITY USING SATURATION, PARTICLE (1263.8 FT.) TO PROW PASS PARTIALLY DENSITY CALCULATED FROM ABOVE, SATURATED WELDED (1883.5 FT.), WITH MEASUREMENTS HYDRAULIC CONDUCTIVITY IS STEADY STATE, OF POROSITY, BULK DENSITY, PARTICLE AND SORPTIVITY IS CALCULATED FROM DENSITY, SORPTIVITY AND SATURATED IMBIBITION MEASUREMENTS. ALL CALCULATIONS CONDUCTIVITY. DONE USING RELATIVE HUMIDITY OVEN DRY WEIGHTS. ACON/DEVL LOCATION : USGS HRF, NTS, NV

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| s920508312231.012 | USW U2-N54 AND USW UZ-N55 CORE ANALYSIS: Bulk density, porosity, particle density And in situ saturation. | 11/07/91-02/25/92 | BULK DENSITY USING ARCHIMEDE'S METHOD, POROSITY USING SATURATED CORE, PARTICLE DENSITY CALCULATED FROM ABOVE, SATURATIONS DETERMINED GRAVIMETRICALLY FROM PRESERVED SAMPLES, ALL USING HP-229, RO, | АY |
| | | | DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK | |
| | ACON/DEVL LOCATION : HYDROLOGIC RESEARCH F | ACILITY, AREA 25 | anda Antonio antonio antonio Antonio antonio | |
| s920508312231.013 | PHYSICAL DATA OF OUTCROP TRANSECT SAMPLES. INCLUDES SEVEN TRANSECTS AND MEASUREMENTS OF TRANSECT DISTANCE, POROSITY, BULK DENSITY, PARTICLE DENSITY AND FOR ONE TRANSECT, SATURATED PERMEABILITY. | 06/01/91-10/31/91 | BULK DENSITY DETERMINED USING ARCHIMEDE'S DISPLACEMENT, POROSITY DETERMINED USING VACUUM SATURATED WEIGHT AND RELATIVE HUMIDITY OVEN DRY WEIGHT (45 DEGREES RH AND 60 DEGVREES C), PARTICLE DENSITY IS CALCULATED FROM BULK DENSITY AND POROSITY. SATURATED HYDRAULIC CONDUCTIVITY MEASURED | АУ |
| • • • | | MD XXCF/M | WITH CONSTANT HEAD METHOD. | |
| | ACON/DEVL LOCATION : BUSIED BUILE VERICAL CALICO HILLS VERTICAL PAGENY WASH VERTICAL SHARDY BASE HORIZONTA | TRANSECT TRANSECT LL TRANSECT | | |
| | UZ6 VERTICAL TRANSECT YUCCA CREST HORIZONTA | L TRANSECT | | |
| s920508312231.014 | MOISTURE RETENTION CURVES AND PRESSURE MEASUREMENTS FOR TEST WELL USW H-1. | 07/24/81-07/24/81 | USGS STANDARD COLLECTION METHODS. | A N |
| | NON ART TOCHTON . HEW H-1 | | | |

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| GS920508312231.015 | PRELIMINARY EVALUATION OF HYDROLOGIC PROPERTIES OF CORES OF UNSATURATED TUFF, TEST WELL USW H-1, BY E.P. WEEKS AND W.E. WILSON | 01/01/83-07/12/84 | USGS STANDARD METHODS. | וס | N T |
| n an an Araba an Araba. An Araba an Araba an Araba | ACQN/DEVL LOCATION : USGS, DENVER, CO | an a | an an the second se | | |
| GS921208312231.016 | LABORATORY TEST RESULTS FOR CORE SAMPLES FROM TWO-DIMENSIONAL SHARDY BASE TRANSECT. | 02/01/92-11/13/92 | LABORATORY MEASUREMENTS OF POROSITY, BULK DENSITY, PARTICLE DENSITY, SATURATED HYDRAULIC CONDUCTIVITY, AND SORPTIVITY. | AI | N P |
| | ACON/DEVL LOCATION : USGS HRF LAB, AREA 2 | 5, NTS, NV | | | |
| GS921208312231.017 | INFLUENCE OF DETERMINISTIC GEOLOGIC TRENDS ON SPATIAL VARIABILITY OF HYDROLOGIC PROPERTIES OF VOLCANIC TUFF, BY C.A. RAUTMAN, J.D. ISTOK, L.E. FLINT, A.L. FLINT, AND M.P. CHORNACK. | 09/01/92-12/01/92 | STANDARD LAB DATA (POROSITY, BULK DENSITY, PARTICLE DENSITY, SATURATED HYDRAULIC CONDUCTIVITY, AND SORPTIVITY) WERE USED WITH STANDARD STATISTICAL AND GEOSTATISTICAL METHODS TO EVALUATE VARIABILITY, AS WELL AS THE RELATIONSHIP OF THE HYDROLOGIC PROPERTIES TO THE | DI | 3 C |
| | | | OBSERVED GEOLOGY AND LITHOLOGY. ALL METHODS PRODUCING DEVELOPED DATA ARE STANDARD AND ARE DESCRIBED THOROUGHLY IN REPORT. | | |
| | ACON/DEVL LOCATION : USGS HRF, AREA 25, M | ERCURY, NV | | | |
| GS930108312231.001 | MOISTURE RETENTION DATA COLLECTED ON COMPOSITE TRANSECT DATASET USING CHILLED-MIRROR PSYCHROMETER. | 10/01/92-01/12/93 | MOISTURE RETENTION CURVES DETERMINED USING CHILLED MIRROR PSYCHROMETER TO MEASURE WATER POTENTIAL ON CORE SUBSAMPLES THAT | AI | i P |
| <u>.</u> . | na an an an an an ann an ann an ann an a | an tha an | HAVE BEEN SATURATED AND LET TO EVAPORATE TO VARIOUS WATER CONTENTS, COMPOSITE CORES WERE SLICED TO PRODUCE 1" X .25" CORES FOR MEASUREMENTS. | | |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | and a second second Second second second Second second | | |
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| GS930508312231.002 | MEASUREMENTS OF MATRIC AND WATER POTENTIALS IN UNSATURATED TUFF AT YUCCA MOUNTAIN, NEVADA, BY FALAH THAMIR AND COLLEEN M. MCBRIDE | 01/01/85-10/29/85 | LABORATORY CALIBRATION DATA FOR EACH PROBE D USED TO CONVERT THE OUTPUT-VOLTAGE READINGS OF THE HEAT-DISSIPATION PROBES INTO MATRIC POTENTIALS. LINEAR INTERPOLATION BETWEEN MEASURED CALIBRATIONS POINTS USED BETWEEN 0 AND -5 |) И С |
| | | anta ang panganan a Panganan ang panganan | BARS, LINEAR EXTRAPOLATION USING LAST LINEAR SPLINE TO CONVERT OUTPUT VOLTAGES THAT CORRESPOND TO MATRIC POTENTIALS LESS THAN -5 BARS, PSYCHOMETRIC TECHNIQUES USED TO DETERMINE VAPOR PRESSURE FROM THE AMBIENT TEMPERATURE OF AN ATMOSPHERE AND THE TEMPERATURE OF AN EVAPORATING MOIST | |
| | | | SURFACE IN THE SAME ATMOSPHERE. OUTPUT VOLTAGES OF MEASURING JUNCTION VERSUS VARIOUS WATER POTENTIALS AND TEMPERATURES WERE RECORDED, TABULATED, AND PLOTTED. | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930608312231.003 | MONITORING THE VADOSE ZONE IN FRACTURED TUFF, YUCCA MOUNTAIN, NEVADA BY PARVIZ MONTAZER, E.P. WEEKS, FALAH THAMIR, S.N. YARD, AND P.B. HOFRICHTER. | 01/01/85-11/12/85 | STUDY EVALUATES RESULTS FROM INSTRUMENTING I 33 LEVELS OF BOREHOLE USW UZ-1 AND INCLUDES 1) INSTRUMENT INSTALLATION METHODS 2) PRELIMINARY RESULTS AND INTERPRETATIONS 3) LIMITATIONS. FLUID FLOW CHARACTERIZATION INCLUDES AVERAGE DOWNHOLE TEMPERATURES, MEAN AIR DENSITY, COMPUTED GRADIENT PRESSURE, AND ABSOLUTE PRESSURE IN TABULAR FORM. VARIATIONS OF | DN C |
| ž. | | | MATRIC POTENTIAL, WATER POTENTIAL, AND ADJUSTED DOWN-HOLE PRESSURE VERSUS TIME; MATRIC AND WATER POTENTIAL VERSUS DEPTH; DISTRIBUTION OF MATRIC POTENTIAL AND | |
| | | | TEMPERATURE GRADIENT COMPARED TO FRACTURE-TRACES PROFILE PRESENTED | |
| | | • • | GRAPHICALLY. AIR PERMEABILITY BY MODIFIED WEEKS' METHOD, 1978; VAPOR FLUX BY BREDEHOEF AND PAPADOPULOS, 1965. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. | |
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| GS930708312272.006 | PERMEABILITY AND FLUID CHEMISTRY STUDIES OF THE TOPOPAH SPRING MEMBER OF THE PAINTBRUSH TUFF, NEVADA TEST SITE: PART II, BY D.E. MOORE, C.A. MORROW, AND J.D. BYERLEE. | 01/01/83-01/01/84 | THREE EXPERIMENTS WERE PERFORMED TO TEST THE EFFECT OF PORE PRESSURE, SAMPLE ORIENTATION, AND FLOW DIRECTION ON PERMEABILITY AND PORE-FLUID CHEMISTRY. VARIATIONS IN PERMEABILITY WITH TIME DETERMINED FROM MEASURED CHANGES IN MASS FLOW RATE WHILE PORE PRESSURE GRADIENT HELD CONSTANT. CALCULATION PROCEDURES DESCRIBED IN MORROW, ET.AL. (1984) AND | DNC |
| | | | MOORE, ET.AL. (1984). SAMPLE FLUIDS | |
| | | | COLLECTED DURING TESTING WERE ANALYZED | |
| e en en en esta de la seconda de | | | (OP.CIT.) AND "SOLMNEQ" PROGRAM (KHARAKA AND BARNES, 1973). COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. | |
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| | ACQN/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
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| GS930808312231.005 | SPATIAL VARIABILITY IN HYDROLOGIC PROPERTIES OF A VOLCANIC TUFF, BY J.D. ISTOK, C.A. RAUTMAN, L.E. FLINT, AND A.L. FLINT. | 09/01/92-12/01/92 | STANDARD LAB DATA (POROSITY, BULK DENSITY, PARTICLE DENSITY, SATURATED HYDRAULIC CONDUCTIVITY AND SORPTIVITY) WERE USED WITH STANDARD STATISTICAL AND GEOSTATISTICAL METHODS TO EVALUATE SPATIAL VARIABILITY AND CORRELATIONS OF PROPERTIES TO OBSERVED LITHOLOGY. | DNP |
| | ACON/DEVL LOCATION : HYDROLOGIC RESEARCH I | FACILITY. AREA 25. M | ERCURY, NV | |
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| 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, RO - R2, DETERMINATION OF WATER CONTENT AND | АИР |
| ta ta seconda de la com | | 1997 - | PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES, TO DETERMINE BULK DENSITY, POROSITY, PARTICLE DENSITY. SORPTIVITY AND SATURATED HYDRAULIC CONDUCTIVITY HERE | - |
| n an | | a a a a a a a a a a a a a a a a a a a | ALSO DETERMINED. | |
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| ATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | EDI |
| s940108312231.002 | CORE ANALYSIS OF BULK DENSITY, POROSITY, PARTICLE DENSITY AND IN SITU SATURATION FOR 17 NEUTRON BOREHOLES: USW UZ-N11, UZ-N15, UZ-N16, UZ-N17, UZ-N27, UZ-N31, UZ-N32, UZ-N33, UZ-N34, UZ-N35, UZ-N36, UZ-N37, UZ-N38, UZ-N58, UZ-N59, UZ-N63, UZ-N64 | 06/24/92-05/13/94 | 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 | АУІ |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | | |
| s940108312231.003 | 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 | A N |
| a service and s | an a | and a second s | 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. | • |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | | |
| \$\$940408312231.004 | CORE ANALYSIS OF BULK DENSITY, POROSITY, PARTICLE DENSITY, AND IN SITU SATURATION FOR 3 NEUTRON BOREHOLES, USW UZ-N57, UZ-N61, AND UZ-N62 | 01/18/94-03/15/94 | BULK DENSITY, POROSITY, PARTICLE DENSITY AND VOLUMETRIC WATER CONTENT DETERMINED USING HP-229,RO-R3, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES. | A Y : |
| | ACQN/DEVL LOCATION : USGS HYDROLOGIC RESE | ARCH FACILITY, AREA | 25, NTS, | |

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| GS940408312231.005 | CURVE FITS FOR MOISTURE RETENTION DATA COLLECTED ON COMPOSITE TRANSECT DATASET | 09/15/93-04/15/94 | CURVES FITTED USING VAN GENUCHTEN EQ. AND MODELING (1) ALPHA, N AND M, AND (2) ALPHA AND N ONLY (CALCULATING M WHICH EQUALS 1 - 1/N). ALSO USED (3) BROOKS AND COREY. | DN | IP |
| · . · · · · · | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | | | |
| GS940508312231.006 | CORE ANALYSIS OF BULK DENSITY, POROSITY, PARTICLE DENSITY AND IN SITU SATURATION FOR BOREHOLE UE-25 UZ#16 | 03/29/93-08/04/93 | PHYSICAL PROPERTIES DETERMINED USING HP-229, R1, R1-M1, R2, R2-M1, DETERMINATION OF WATER CONTENT AND PHYSICAL PROPERTIES FOR LABORATORY ROCK SAMPLES | AY | [P |
| | ACON/DEVL LOCATION : USGS HRF, AREA 25, NT | s, nv | | | |
| *GS940808312231.008 | PHYSICAL & HYDROLOGIC PROPERTIES OF ROCK OUTCROP SAMPLES AT YUCCA MOUNTAIN, NEVADA, BY L.E. FLINT, A.L. FLINT, C.A. RAUTMAN, AND J.D. ISTOK | 12/01/93-07/01/94 | STANDARD LAB DATA WERE USED WITH SAMPLES FROM 8 SURFACE OUTCROP TRANSECTS TO DO A STATISTICAL ANALYSIS TO PROVIDE ESTIMATES OF HYDROGEOLOGIC UNITS AND FARAMETERS FOR NUMERICAL MODELS. | DN | ĪP |
| | ACON/DEVI LOCATION : USGS HRF. NTS. NV | | | | |
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| *GS940908312231.009 | THE INFLUENCE OF SCALE ON CALCULATED SORPTIVITY VALUES FROM IMBIBITION EXPERIMENTS ON WELDED AND NON-WELDED TUFF, BY A.L. FLINT, L.E. FLINT, AND K.A. RICHARDS | 09/01/90-10/01/93 | EVALUATION OF DATA COLLECTED FROM BOREHOLE IMBIBITION EXPERIMENTS IN GTUF AND LABORATORY MEASUREMENTS OF IMBIBITION AND WATER CONTENTS ON CORE FROM GTUF BOREHOLE | DN | í P |
| | ACON/DEVT. LOCATION : USGS HEE NTS NV | | | | |
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| *GS940908312231.010 | EVALUATION OF MEASUREMENT SCALE USING IMBIBITION EXPERIMENTS IN VOLCANIC TUFF, BY A.L. FLINT, L.E. FLINT AND K.A. RICHARDS | 09/01/90-10/01/93 | EVALUATION OF DATA COLLECTED FROM BOREHOLE IMBIBITION EXPERIMENT IN GTUF AND LABORATORY MEASUREMENTS OF IMBIBITION AND WATER CONTENTS ON CORE COLLECTED FROM THE GTUF BOREHOLE. | DNP |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | | |
| Activity - 8.3.1.2. | 2.3.2 | | | - |
| **GS900908312232.001 | GEOHYDROLOGIC DATA FROM TEST HOLE USW UZ-7, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY JACK KUME AND D.P. HAMMERMEISTER. METRIC CONVERSIONS IN LITHOLOGIC LOG, TABLE 3, ARE SUPERSEDED BY GS930708314211.031. | 01/01/86-12/31/86 | USGS STANDARD COLLECTION METHODS. | DNT |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | an a | | |
| GS910808312232.002 | BOREHOLE AND GEOHYDROLOGIC DATA FOR TEST HOLE USW UZ-6, YUCCA MOUNTAIN AREA, NYE | 07/01/84-12/27/91 | COMPILED BOREHOLE DATA. | DNT |
| | COUNTY, NEVADA, BY MERRICK S. WHITFIELD, Colleen M. Cope, and Carole L. Loskot. | | $\label{eq:matrix} \left\{ \begin{array}{llllllllllllllllllllllllllllllllllll$ | · . |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | 1.047 |
| GS911108312232.005 | CORE INDEX, SAMPLING RECORD, DESCRIPTION OF SAMPLES AND FRACTURES FOR USW UZ-13. | 01/24/85-04/18/85 | USGS STANDARD COLLECTION METHODS. | ANC |
| | ACQN/DEVL LOCATION : N752100(N) E558500(N) | | | |
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| GS911108312232.006 | CORE DATA FOR USW UZ-13. ACQN/DEVL, LOCATION : N752100(N) E558500(N) | 01/24/85-04/18/85 | USGS STANDARD COLLECTION METHODS. | ANC |
| GS911108312232.007 | DRILL CUTTINGS - WATER CONTENT MEASUREMENTS FOR USW UZ-13. ACQN/DEVL LOCATION : N752100(N) E558500(N) | 01/24/85-04/18/85 | USGS STANDARD COLLECTION METHODS. | ANC |
| GS911108312232.008 | WATER POTENTIAL DATA SC-10 FOR USW UZ-13. ACQN/DEVL LOCATION : N752100(N) E558500(N) | 01/24/85-04/18/85 | USGS STANDARD COLLECTION METHODS. | ANC |
| GS911108312232.009 | LOGBOOK FOR USW UZ-13. ACQN/DEVL LOCATION : N752100(N) E558500(N) | 01/24/85-04/18/85 | USGS STANDARD COLLECTION METHODS. | ANC |
| GS920208312231.007 | PHYSICAL LAB DATA OF CORE SAMPLES FROM BOREHOLES DD1 AND DD2. INCLUDES DEPTH, BULK DENSITY, POROSITY, VOLUMETRIC WATER CONTENT, AND RELATIVE SATURATION. | 01/02/90-06/01/90 | BULK DENSITY DETERMINED USING ARCHIMEDES DISPLACEMENT METHOD. POROSITY DETERMINED USING VACUUM SATURATED WEIGHT AND 105 DEGREES CENTIGRADE OVEN DRIED WEIGHT. VOLUMETRIC WATER CONTENT MEASURED WITH TOP LOADING BALANCE AND MULTIPLIED BY BULK DENSITY AND SATURATION IS VOLUMETRIC WATER CONTENT DIVIDED BY POROSITY. | A N P |
| an a | ACON/DEVL LOCATION : DD-1 DD-2 | an an an thair an thair an an thair an an an thair an an an an | | |
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| | | ACON /DEUT DEDIOD | ACON /DEVIL METHOD | PEO |
| DATA TRACKING NO. | TITLE/DESCRIPTION | | | |
| GS920208312231.008 | VOLUMETRIC WATER CONTENT MEASURED WITH A NEUTRON MOISTURE METER AT 0.1 M INTERVALS BEFORE AND AFTER IMBIBITION EXPERIMENTS IN 1 WELDED (DD-2) AND 1 NON-WELDED (DD-1) BOREHOLE. | 12/01/89-08/30/90 | CPN MODEL 503 NEUTRON MOISTURE METER USED IN 2 HORIZONTAL BOREHOLES. FIELD CALIBRATED USING CORE COLLECTED DURING DRILLING. | A N P |
| an an an an an Araba | ACON/DEVL LOCATION : G-TUNNEL | | | |
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| GS920208312231.009 | CALCULATED SORPTIVITY VALUES AT VARIOUS INITIAL WATER CONTENTS FOR CORE FROM NON-WELDED (DD-1) AND WELDED (DD-2) BOREHOLES. IMBIBITION INTO NON-WELDED (DD-1) BOREHOLE WITH TIME. | 07/12/89-12/19/89 | BOREHOLE IMBIBITION DATA COLLECTED WITH PRESSURE TRANSDUCER HOOKED TO A MARIOTTE SYSTEM AND TO A DATALOGGER. CORE DATA COLLECTED FROM A TOP LOADING BALANCE CONNECTED TO A COMPUTER, AND REGRESSIONS RUN TO PRODUCE SLOPE OF SORPTIVITY VS. | ANP |
| • | | | TIME 1/2. | |
| | ACON/DEVL LOCATION : GTUF (G-TUNNEL UNDER | GROUND FACILITY) | | |
| *GS920808312232.001 | ACON/DEVL LOCATION : GTUF (G-TUNNEL UNDER GEORYDROLOGICAL 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. | GROUND FACILITY) 01/24/85-04/18/85 | TIME 1/2. 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 | DNT |
| *GS920808312232.001 | ACQN/DEVL LOCATION : GTUF (G-TUNNEL UNDER 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. | GROUND FACILITY) 01/24/85-04/18/85 | TIME 1/2. 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. | DN T |
| *GS920808312232.001 | ACQN/DEVL LOCATION : GTUF (G-TUNNEL UNDER GEOHYDROLOGICAL DATA FROM DRILL-BIT CUTTINGS AND ROTARY CORES FROM TEST HOLE USW UZ-13, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY JACK KUME AND DALE P. HAMMERMEISTER. ACQN/DEVL LOCATION : HOLMES & NARVER, MER TEST CELL C USGS, NTS | GROUND FACILITY) 01/24/85-04/18/85 CURY, NV | TIME 1/2. 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. | DN T |
| *GS920808312232.001 | ACQN/DEVL LOCATION : GTUF (G-TUNNEL UNDER GEOHYDROLOGICAL DATA FROM DRILL-BIT CUTTINGS AND ROTARY CORES FROM TEST HOLE USW UZ-13, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY JACK KUME AND DALE P. HAMMERMEISTER. ACQN/DEVL LOCATION : HOLMES & NARVER, MER TEST CELL C USGS, NTS | GROUND FACILITY) 01/24/85-04/18/85 CURY, NV | TIME 1/2. 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. | DN T |
| *GS920808312232.001 | ACQN/DEVL LOCATION : GTUF (G-TUNNEL UNDER GEOHYDROLOGICAL DATA FROM DRILL-BIT CUTTINGS AND ROTARY CORES FROM TEST HOLE USW UZ-13, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY JACK KUME AND DALE P. HAMMERMEISTER. ACQN/DEVL LOCATION : HOLMES & NARVER, MER TEST CELL C USGS, NTS | GROUND FACILITY) 01/24/85-04/18/85 CURY, NV | TIME 1/2. 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. | DN T |
| *GS920808312232.001 | ACQN/DEVL LOCATION : GTUF (G-TUNNEL UNDER GEORYDROLOGICAL DATA FROM DRILL-BIT CUTTINGS AND ROTARY CORES FROM TEST HOLE USW UZ-13, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY JACK KUME AND DALE P. HAMMERMEISTER. ACQN/DEVL LOCATION : HOLMES & NARVER, MER TEST CELL C USGS, NTS | GROUND FACILITY) 01/24/85-04/18/85 CURY, NV | TIME 1/2. 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. | DN T |
| *GS920808312232.001 | ACQN/DEVL LOCATION : GTUF (G-TUNNEL UNDER GEOHYDROLOGICAL DATA FROM DRILL-BIT CUTTINGS AND ROTARY CORES FROM TEST HOLE USW UZ-13, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY JACK KUME AND DALE P. HAMMERMEISTER. ACQN/DEVL LOCATION : HOLMES & NARVER, MER TEST CELL C USGS, NTS | GROUND FACILITY) 01/24/85-04/18/85 CURY, NV | TIME 1/2. 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. | DN T |
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| *GS920808312232.001 | ACQN/DEVL LOCATION : GTUF (G-TUNNEL UNDER GEORYDROLOGICAL DATA FROM DRILL-BIT CUTTINGS AND ROTARY CORES FROM TEST HOLE USW UZ-13, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY JACK KUME AND DALE P. HAMMERMEISTER. ACQN/DEVL LOCATION : HOLMES & NARVER, MER TEST CELL C USGS, NTS | GROUND FACILITY) 01/24/85-04/18/85 CURY, NV | TIME 1/2. 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. | DN T |
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| GS921208312232.002 | SEISMIC CROSS-BOREHOLE IMAGING OF THE NEAR SURFACE USING TOMOGRAPHY AND PRESTACK MIGRATION IN ELASTIC PHYSICAL MODELS BY A.H. BALCH, HYUNSAM CHANG, GREGG HOFLAND, KURT RANZINGER, AND W.A. SCHNEIDER, JR. | 01/01/90-08/31/92 | COMPUTER MODELING INCLUDING WAVEMODE SEPARATION, INVERSE Q-FILTERING, AND PRESTACK MIGRATION. | DNC |
| | ACON/DEVL LOCATION : COLORADO SCHOOL OF MI | NES, GOLDEN, CO. | | |
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| GS930108312232.001 | "A THREE-DIMENSIONAL PHYSICAL MODELING STUDY APPLYING TOMOGRAPHIC INVERSION AND SEISMIC MIGRATION TO THE TUNNEL DETECTION PROBLEM", BY WILLIAM A. | 01/01/88-03/28/90 | COMPUTER MODELING INCLUDING TUNNEL IMAGING THROUGH TOMOGRAPHIC TRAVEL-TIME INVERSION. | DNC |
| | SCHNEIDER, OR. | | | |
| | ACON/DEVL LOCATION : COLORADO SCHOOL OF MI | NES, GOLDEN, CO | | |
| GS930108312232.002 | "MULTI-MODE SEISMIC CROSS-BOREHOLE IMAGING OF A PRODUCING HORIZON USING PHYSICAL ELASTIC MODELING", BY M. HAKAN KARAZINCIR. | 01/01/90-05/07/92 | COMPUTER MODELING INCLUDING MODE-SEPARATION, SIGNATURE DECONVOLUTION, MULTI-MODE REVERSE TIME MIGRATION (IMAGING) OF COMMON SOURCE GATHERS, AND STACKING. | DNC |
| and the second | ACON/DEVL LOCATION : COLORADO SCHOOL OF MI | NES COLDEN CO | | |
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| GS930108312232.003 | "WAVE MODE SEPARATION OF MULTI-COMPONENT MULTIPLE-OFFSET VSP DATA FROM A COMPLEX PHYSICAL EARTH MODEL", BY KURT A. RANZINGER. | 01/01/88-04/10/90 | COMPUTER MODELING: INCLUDES MODE SEPARATION ALGORITHM. | DNC |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | |
| GS930108312232.004 | "MULTI-MODE CROSSHOLE REFLECTION IMAGING OF MULTI-COMPONENT PHYSICAL MODEL DATA", BY HYUNSAM CHANG. | 01/01/89-06/26/91 | COMPUTER MODELING: INCLUDES STACKING, IMAGING, WAVE MODE SEPARATING. | DNC |
| an tanàn amin'ny s | ACON/DEVL LOCATION : COLORADO SCHOOL OF M | INES, GOLDEN, CO | | |
| GS930108312232.005 | "COMPUTER AND PHYSICAL VSP MODELING OF YUCCA MOUNTAIN, NEVADA", BY DAVID A. CUNNINGHAM. | 01/01/87-11/07/88 | COMPUTER MODELING INCLUDING SEPARATION OF WAVEFIELDS, MEDIAN FILTERING, IMAGING. | DNC |
| | ACQN/DEVL LOCATION : COLORADO SCHOOL OF M | INES, GOLDEN, CO | | |
| GS930108312232.006 | "MULTI-MODE, MULTIPLE OFFSET VSP REVERSE TIME MIGRATION (IMAGING) OF A COMPLEX, PHYSICAL EARTH MODEL", BY GREGG S. HOFLAND | 09/01/88-06/01/89 | COMPUTER MODELING INCLUDING IMAGING, WAVE-MODE SEPARATION, DECONVOLUTION, TRACING. | DNC |
| | ACQN/DEVL LOCATION : COLORADO SCHOOL OF M | INES, GOLDEN, CO | | |
| GS930108312232.007 | "ILLUMINATION ANGLE DETERMINATION AND ITS APPLICATION TO PRESTACK MIGRATION OF P/S CONVERTED WAVES ON PHYSICAL ELASTIC MODEL DATA", BY CEMAL ERDEMIR. | 01/01/90-06/26/92 | COMPUTER MODELING INCLUDING TRACING, STACKING. | DNC |
| · · · · · | ACON/DEVL LOCATION : COLO. SCHOOL OF MINE | S, GOLDEN, CO | | • |
| GS930208312232.008 | CALCULATED SORPTIVITY VALUES FROM EXPERIMENTAL IMBIBITION DATA USING PHILIP'S SORPTIVITY EQUATION. | 07/12/89-01/30/90 | USING PHILIP'S SORPTIVITY EQUATION WHERE IMBIBITION (INFILTRATION) = S (SORPTIVITY) * TIME^1/2. S IS CALCULATED USING EXPERIMENTAL IMBIBITION DATA. | DNP |
| | ACON/DEVL LOCATION : USGS HRF, NTS AREA 2 | 5, MERCURY, NV | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| GS930208312232.009 | LITHOLOGIC CONTACT DATA FROM BOREHOLE USW U2-65. | 04/23/85-06/04/85 | TV CAMERA LOGS, CORE SAMPLES & BIT CUTTING SAMPLES WERE USED TO PICK THE LITHOLOGIC CONTACTS. DATA WERE ACQUIRED DURING BOREHOLE CONSTRUCTION. | ANP |
| | ACON/DEVL LOCATION : USW UZ-6S | | | : n . |
| GS930408312232.010 | ROCK-PROPERTY MEASUREMENTS ON LARGE-VOLUME CORE SAMPLES FROM YUCCA MOUNTAIN USW GU-3/G-3 (USW GU-3, USW G-3) AND USW G-4 ROBENOLES NEVADA TECT | 01/01/82-08/21/84 | MEASURED VALUES AND PRELIMINARY INTERPRETATION OF LABORATORY ANALYSES OF CORE SAMPLES. TECHNIQUES AND EQUIPMENT | DNT |
| | SITE, NEVADA, BY L.A. ANDERSON. | | USED TO MEASURE ROCK PROPERTIES DESCRIBED BY ANDERSON, L.A., 1981, ROCK PROPERTY ANALYSIS OF CORE SAMPLES FROM THE YUCCA MOUNTAIN UE-25A #1 BOREHOLE. VALUES OF | |
| | | | NATURAL, SATURATED AND DRY BULK DENSITY, GRAIN DENSITY, WATER-ACCESSIBLE POROSITY DETERMINED BY THE BUOYANCY METHOD BY JOHNSON, G.R., 1979. TEXTURAL PROPERTIES | |
| e e la construcción de l | | No. and the second | IN HUNT, G.R. & OTHERS. COMPRESSIONAL SONIC VELOCITY, ELECTRICAL RESISTIVITY, AND INDUCED POLARIZATION METHODS DESCRIBED IN REPORT. CORRELATION BETWEEN SATURATED | |
| | an de la companya de Companya de la companya de la company | | BULK DENSITY, VELOCITY, RESISTIVITY AND POROSITY BASED ON LEAST SQUARES FIT. | |
| e generation de la company | ACON/DEVL LOCATION : USGS, DENVER, CO. | | | · . |
| GS930508312232.011 | VACUUM DRILLING OF UNSATURATED TUFFS AT A POTENTIAL RADIOACTIVE-WASTE REPOSITORY, YUCCA MOUNTAIN, NEVADA, BY MERRICK S. WHITFIELD | 01/01/85-10/07/85 | VACUUM DRILLING WAS USED: 1) TO OBTAIN A VERTICAL MOISTURE-CONTENT PROFILE OF THE ROCKS DRILLED, 2) TO CHECK FOR THE PRESENCE OF PERCHED-WATER ZONES, AND 3) TO EMPLACE HYDROLOGIC INSTRUMENTS AT SELECTED DEPEND | DNC |
| | and a second | an a | TO COLLECT PRESSURE AND MOISTURE POTENTIAL DATA. | |
| and and an Angle and an angle and an Angle and an angle and an | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |

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| TLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | E 1 |
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| NERALOGY OF FINE GRAINED ALLUVIUM FROM REHOLE U11G, EXPL. 1, NORTHERN ENCHMAN FLAT AREA, NEVADA TEST SITE BLAIR F. JONES. | 01/01/81-06/23/82 | REPORT USES MINERALOGIC CRITERIA TO INDICATE THE EXTENT OF CHANGES IN HYDROLOGIC REGIME. MAJOR MINERAL COMPOSITION BY X-RAY DIFFRACTION, MOISTURE CONTENT AND PERCENT CO2 BY ACID TITRATION (EGE, 1971), CHEMICAL ANALYSES USING | Dł |
| | | MODIFICATIONS OF RAFID ROCK METHODS (SHAPIRO, 1975), CEC METHODS DESCRIBED IN TEXT. RESULTS PRESENTED IN TABULAR FORM. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. | ••• |
| QN/DEVL LOCATION : USGS, DENVER, CO | | | |
| NITORING HYDROLOGIC CONDITIONS IN THE DOSE ZONE IN FRACTURED ROCKS, YUCCA WINTAIN, NEVADA, BY PAVRIZ MONTAZER | 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 |
| QN/DEVL LOCATION : USGS, DENVER, CO | | | |
| PLICATION OF GEOPHYSICAL LOGS TO STIMATE MOISTURE-CONTENT PROFILES IN ISATURATED TUFF, YUCCA MOUNTAIN, NEVADA I IBRAHIM PALAZ. | 01/01/85-10/29/85 | STUDY COMPARES THE RESULTS OF MOISTURE-CONTENT ANALYSES OF VARIOUS GEOPHYSICAL LOGS WITH MOISTURE-CONTENT DATA FROM DRILL CUTTINGS (USW UZ-1 AND UZ-6) AS A MEANS TO DETERMINE IF LOGS ARE | D.: |
| | | USEFUL IN MOISTURE-CONTENT ESTIMATION. PROFILE CORRELATIONS INCLUDE 1) DENSITY 2) | |
| | . | 4) FORMATION RESISTIVITY AND FOROSITY 5) DIELECTRIC CONSTANT AND FOROSITY 6) | ÷ |
| | BLAIR F. JONES. BLAIR F. JONES. DIVEVL LOCATION : USGS, DENVER, CO NITORING HYDROLOGIC CONDITIONS IN THE DOSE ZONE IN FRACTURED ROCKS, YUCCA UNTAIN, NEVADA, BY PAVRIZ MONTAZER QN/DEVL LOCATION : USGS, DENVER, CO PLICATION OF GEOPHYSICAL LOGS TO TIMATE MOISTURE-CONTENT PROFILES IN SATURATED TUFF, YUCCA MOUNTAIN, NEVADA IBRAHIM PALAZ. | BLAIR F. JONES. BLAIR F. JONES. DONE IN FRACTION : USGS, DENVER, CO NITORING HYDROLOGIC CONDITIONS IN THE DOSE ZONE IN FRACTURED ROCKS, YUCCA UNTAIN, NEVADA, BY PAVRIZ MONTAZER QN/DEVL LOCATION : USGS, DENVER, CO PLICATION OF GEOPHYSICAL LOGS TO TIMATE MOISTURE-CONTENT PROFILES IN SATURATED TUFF, YUCCA MOUNTAIN, NEVADA IBRAHIM PALAZ. | COMPOSITION BY X-RAY DIFFACTION, MOISTURE BLAIR F. JUNES. COMPOSITION BY X-RAY DIFFACTION, MOISTURE COMPOSITION BY X-RAY DIFFACTION (EGR 1971), CREMICAL ANALYSES OF AND DIF COMPOSITION OF GEOFHYSICAL LOGS TO PLICATION OF GEOFHYSICAL LOGS TO PLICATION OF GEOFHYSICAL LOGS TO DIAMPE MOISTURE-CONTENT FROFILES IN STUDY COMPARES THE RESULTS OF MOISTURE-CONTENT FROMOMERS INCLOSES COMPOSITION DIF DIF DIAMPE MOISTURE-CONTENT FROMINAL FORMATION, NEVADA IBRAHIM PALAZ. DIAMPE ADDRE DIF DIF DIF DIF DIF DIF DIF DIF |

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| DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL HETHOD S3930600312232.015 DETLLING AND GEOHYDROLOGIC DATA TOR TEST NOLE USY DIFLICATION, CENHCAL MAINSIS, MAILISTS OF FICH REFNECT CONDUCTANCE, PH, POROSTY, WATER LEVEL, GOOMNUT, CALIBRATING THERE OFFENTIAL OF PARTIALLY ANALISTS OF FICH REFNECT USY UZ-1 AND USW 0-1, AND VAPOR DIFFUSION. 06/01/83-05/06/85 PROCEEDURES/DETHING THERMOCOUTLE PERIOD A N C DISENTITION THE TREAD OF FICH REFNECT CONDUCTANCE, PH, POROSTY, WATER LEVEL, GOOMNUT, CALIBRATING THERMOCOUTLE STCHCHORETERS NAMALISTS OF FICH REFNECT USH UZ-1 AND USW 0-1, AND VAPOR DIFFUSION. 06/01/83-05/06/85 PROCEEDURES/DETHING THERMOCOUTLE PERIOD A N C DISENTITION THE TREAD OF THE STCHCHORETERS FOR READSTITE ATTICE THERMOCOUTLE STCHCHORETERS FOR READSTITE ATTICE THE OFFENTIAL THEME TO FOR THE TO A THE OF THE STCHCHORETERS FOR READSTITE ATTICE THE OFFENTIAL THEME TO FAST IN CALIBRATING THE FOR THE OFFENTIAL THEME THE TO THE STCHCHORETERS FOR READSTITE ATTICE THE STCHCHORETERS FOR READSTITE ATTICE THE STCHCHORETERS FOR READSTITE ATTICE THE TO THE STCHCHORETERS FOR READSTITE ATTICE THE STCHCHORETERS TO FOR THE STCHCHORETERS THE TO THE STCHCHORETERS TO FOR THE STCHCHORETERS THE TO THE STCHCHORETERS TO FOR THE STCHCHORETERS THE STCHCHORETERS FOR RESOLUTION TO THE STCHCHORETERS THE FOR RESOLUTION TO THE STCHCHORETERS FOR RESOLUTION TO THE STCHCHORETERS THE FOR RESOLUTION TO THE | | | | | ΥÏ | Î |
| SS930608312232.015 DRILLING AND GEORDOROLOGIC DATA FOR TEST BOLE USW UZ-1, INCLUDES WATER COMPERT, HATRIS FOREFILL, CHENTCH, MAILYSIS, TEMPERATURE, BEFENTIC COMPUTATION, FM., MAILYSIS OF FLOW EETHERD USW UZ-1 AND USW G-1, AND VAPOR DIFFUSION. | DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | | N |
| SATURATED MEDIA; HP-15, RO-R1, CALIBRATING HEAT-DISSIPATION SENSORS FOR MEASURING IN-SITU MATRIC POTENTIAL WITHIN POROUS MEDIA; HP-17, RO, CALIBRATION HASJURING OF PRESSURE TRANSDUCENS FOR AIR PERMEMBILITY IN US; HP-18, RO, FREQUENCY OF EQUIPMENT CALIBRATION FOR UZ TESTING; HP-19, RO, IDENTIFICATION, TRANSPORT, AND HANDLING OF INSTRUMENTATION PACKAGES AND EQUIPMENT FOR FIELD TESTING; HP-20, RO, OPERATION OF STANDARD DEND-WRIGHT TESTER; HP-21, RO-R1, CABLE ASSEMBLY AND PROBE-CONNECTION INSTRUCTIONS FOR INSTRUMENT PACKAGES; HP-22, RO-R1, PROBE INSTRUMENT PACKAGES; HP-22, RO-R1, PROBE INSTRUMENT, PACKAGES; HP-22, RO-R1, PROBE INSTRUMENT, AND CHORD, HANNERMENT, PACKAGES COUNTY, MEVADA, BY M.S. MENTRIED, W. THORORAGON, ND D.P. HANNERMENTER. ACQN/DEVL LOCATION : USGS, DENVER, CO | GS930608312232.015 | DRILLING AND GEOHYDROLOGIC DATA FOR TEST HOLE USW UZ-1, INCLUDES WATER CONTENT, MATRIC POTENTIAL, CHEMICAL ANALYSIS, TEMPERATURE, SPECIFIC CONDUCTANCE, PH, POROSITY, WATER LEVEL, GEOPHYSICAL LOGS, ANALYSIS OF FLOW BETWEEN USW UZ-1 AND USW G-1, AND VAPOR DIFFUSION. | 06/01/83-05/06/85 | PROCEDURES/METHODS INCLUDE HP-12, RO, IDENTIFICATION, TRANSPORT, & HANDLING OF DRILL CUTTINGS, SAMPLES AND CORE FROM UZ BOREHOLES; HP-13, RO, COLLECTION & FIELD ANALYSIS OF UZ GROUNDWATER SAMPLES; HP-14, RO, CALIBRATING THERMOCOUPLE PSYCHROMETERS FOR MEASURING WATER POTENTIAL OF PARTIALLY | AN | с |
| EQUIPHENT FOR FIELD TESTING, HP-20,R0, OFERATION OF STANDARD DEAD-WEIGHT TESTER; HP-21,R0-R1, CABLE ASSEMBLY AND PROBE-CONNECTION INSTRUCTIONS FOR INSTRUMENT FACKAGES; HP-22,R0-R1, PROBE INSTALLATION AND STEMMING PLAN FOR TEST HOLE USW UZ-1. ACQN/DEVL LOCATION : USW UZ-1 ES9306008312232.016 DRILLING AND GEOHYDROLOGIC DATA FOR TEST HOLE USW UZ-1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY M.S. WHITFIELD, W. THORDARSON, AND D.P. HANMERMEISTER. ACQN/DEVL LOCATION : USGS, DENVER, CO | n no se 11. o . | | | SATURATED MEDIA; HP-15, RO-R1, CALIBRATING HEAT-DISSIPATION SENSORS FOR MEASURING IN-SITU MATRIC POTENTIAL WITHIN POROUS MEDIA; HP-17, RO, CALIBRATION AND TESTING OF PRESSURE TRANSDUCERS FOR AIR PERMEABILITY IN UZ; HP-18, RO, FREQUENCY OF EQUIPMENT CALIBRATION FOR UZ TESTING; HP-19, RO, IDENTIFICATION, TRANSPORT, AND HANDLING OF INSTRUMENTATION PACKAGES AND | | |
| ACQN/DEVL LOCATION : USW UZ-1 ES930600312232.016 DRILLING AND GEOHYDROLOGIC DATA FOR TEST 01/01/89-06/05/90 DESCRIPTION & INTERPRETATION OF D N C 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 | • | (a) A set of a set of the set | n alteration a | EQUIPMENT FOR FIELD TESTING; HP-20, RO, OPERATION OF STANDARD DEAD-WEIGHT TESTER; HP-21, RO-R1, CABLE ASSEMBLY AND PROBE-CONNECTION INSTRUCTIONS FOR INSTRUMENT PACKAGES; HP-22, RO-R1, PROBE INSTALLATION AND STEMMING PLAN FOR TEST HOLE HEW HZ-1 | | |
| 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 | | ACQN/DEVL LOCATION : USW U2-1 | | | | |
| | 38930608312232.016 | 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. | 01/01/89-06/05/90 | DESCRIPTION & INTERPRETATION OF GEOHYDROLOGIC DATA. | DN | с |
| | | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEC EDN |
| 3 8930708312232.017 | GRAVIMETRIC WATER CONTENT DATA FOR USW U2-6. | 06/18/84-01/17/85 | GRAVIMETRIC METHOD AS DESCRIBED IN HP-32, R0, METHOD FOR MONITORING MOISTURE CONTENT OF DRILL-BIT CUTTINGS FROM THE UNSATURATED ZONE. | ANC |
| | ACQN/DEVL LOCATION : TEST CELL C, AREA 25, USW UZ-6 | nts | | 14.1 |
| 35930708312232.018 | WATER POTENTIAL DATA FOR USW UZ-6. | 06/18/84-01/17/85 | WATER POTENTIAL MEASUREMENTS OF CORE AND CUTTINGS USING SC-10 DECAGON DEVICE. HP-14,R1 & R2, METHOD FOR CALIBRATING PELTIER-TYPE PSYCHROMETERS FOR MEASURING WATER POTENTIAL OF PARTIALLY-SATURATED MEDIA. | ANC |
| | ACQN/DEVL LOCATION : TEST CELL C, AREA 25, USW UZ-6. | NTS | | |
| GS930708312232.019 | FRACTURE DATA FOR USW UZ-6 | 11/13/84-11/27/84 | FRACTURE FREQUENCY WAS DETERMINED FROM A Downhole camera tape of Borehole. | лис |
| | ACON/DEVL LOCATION : DOI NATIONAL TRAINING USW UZ-6 | CENTER, DENVER | | |
| GS930708312232.020 | LOGBOOKS AND OTHER DRILLING DATA FOR USW UZ-6. | 06/14/84-08/29/84 | STANDARD USGS METHODS FOR CHRONOLOGICAL FIELD RECORD OF DRILLING, DRILL RATE CURVE, DIRECTIONAL SURVEY, MAGNETIC SUSCEPTIBILITY. | AN (|
| | ACON/DEVL LOCATION : USW UZ-6 | | | |

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| DATA TRACKING NO. | SITE CHARACTERI TITLE/DESCRIPTION | ZATION PLAN BASELIN ACON/DEVL PERIOD | e Acqn/devl method | D (A (T) A (T) T) T) F) E (C) | |
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| GS930708312232.021 | MISCELLANEOUS USW UZ-6 DATA. | 06/26/84-12/20/84 | STANDARD USGS METHODS FOR PLANNING THE STEMMING AND INSTRUMENTATION OF A BOREHOLE AS DESCRIBED IN THE DATA SEGMENT. STEMMING AND INSTRUMENTATION HAS NOT BEEN DONE @ THIS SUBMITTAL DATE. | Ał | IC |
| • . • . • . • . | ACON/DEVL LOCATION : USW UZ-6 | | | . • | |
| GS930708312232.022 | PERMEABILITY AND PORE-FLUID CHEMISTRY OF THE TOPOPAH SPRING TUFF, NEVADA TEST SITE, IN A TEMPERATURE GRADIENT, BY C.A. MORROW, D.E. MOORE, AND J.D. BYERLEE | 01/01/83-10/31/83 | FLUID COLLECTION PROCEDURES AND ANALYTICAL TECHNIQUES BY MORROW AND OTHERS, METHODS DESCRIBED WITHIN. VARIATIONS IN PERMEABILITY WITH TIME WAS DETERMINED FROM MEASURED CHANGES IN THE MASS FLOW RATE OVER THE CONSTANT PORE PRESSURE DIFFERENTIAL USING THE RADIAL FLOW FORM OF DARCY'S LAW. VARIABLE VISCOSITY WAS INCORPORATED INTO A COMPUTER PROGRAM WHICH CALCULATED PERMEABILITY FROM FLOW RATE AND PRESSURE DATA. | D I | lC |
| | ACQN/DEVL LOCATION : USGS, MENLO PARK, CA | | | | |
| **GS940108312232.001 | DATA COLLECTED FROM THE HRF TEST BOREHOLES INCLUDING PRESSURE, TEMPERATURE AND WATER POTENTIAL | 10/01/91-03/31/94 | DATA FROM THE HRF BOREHOLES WERE COLLECTED USING THE HRFDAS AND HDAS PROGRAMS AND EXTRACTED TO EITHER TIME SERIES FILES OR A BINARY STRUCTURE FOR DISPLAY. | A N | IC |

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ACON/DEVL LOCATION : UE-25 HRFU2P#1 UE-25 HRFU2P#2A UE-25 HRFU2P#3A

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | Acon/devl method | |
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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) | 11/03/93-04/01/94 | DATA WERE ACQUIRED DURING AIR INJECTION TESTING IN UE-25 UZ #16, SN-0033 (HP-241T, R0), AIR PERMEABILITY TESTING, AND REDUCED TO ENGINEERING UNITS OF PRESSURE AND TEMPERATURE USING QUATTRO PRO. | АҮР |
| | ACON/DEVL LOCATION : UE-25 UZ #16 | | | |
| *GS940108312232.004 | A GAS SAMPLING SYSTEM FOR WITHDRAWING HUMID GASES FROM DEEP BOREHOLES, BY JOSEPH P. ROUSSEAU, WILLIAM THORDARSON AND MARK A KURZMACK | 10/01/91-01/18/94 | ANALYSIS AND COMPILATION OF GAS SAMPLING DATA COLLECTED BY THE GAS PROGRAM. | DNP |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | | |
| 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 | 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. | DNP |
| | ACON/DEVL LOCATION : USGS HRF, NTS, NV | | | |
| GS940108312232.006 | A BOREHOLE INSTRUMENTATION PROGRAM FOR CHARACTERIZATION OF UNSATURATED-ZONE PERCOLATION, BY JACK KUME AND JOSEPH P. ROUSSEAU | 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 F BINARY FILE STRUCTURE FOR DISPLAY | DNP |
| | ACQN/DEVL LOCATION : USGS HRF, NTS, NV | | | |
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DO AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA TFT YII PEO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN _____ ------------GS940108312232.007 RESULTS OF AIR PERMEABILITY TESTING IN A 12/01/93-01/18/94 ANALYSIS AND COMPILATION OF AIR INJECTION D Y C VERTICAL BOREHOLE AT YUCCA MOUNTAIN. TESTING DATA NEVADA, BY GARY D. LECAIN AND JERRY N. WALKER ACON/DEVL LOCATION : USGS, DENVER, CO . . . a service a service a service a service service a s **GS940108312232.008 APPLICATIONS OF MULTI-MODE IMAGING TO 08/01/93-01/27/94 DATA WERE DEVELOPED THROUGH THE FOLLOWING DNC MULTIPLE OFFSET VSP DATA, BY A.H. BALCH, SOFTWARE PRODUCTS: PROMAX/4.0; CEMAL ERDEMIR AND JOSEPH P. ROUSSEAU 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. ACON/DEVL LOCATION : COLORADO SCHOOL OF MINES, GOLDEN, CO *GS940208312232.009 EVALUATION OF A 6-WIRE THERMOCOUPLE 10/01/91-01/18/94 ANALYSIS AND COMPILATION OF 6-WIRE DNP PSYCHROMETER FOR DETERMINATION OF PSYCHROMETER DATA. IN-SITU WATER POTENTIALS, BY CAROLE L. LOSKOT, JOSEPH P. ROUSSEAU AND MARK A. KURZMACK ACQN/DEVL LOCATION : USGS HRF, NTS, NV **GS940408312232.010 ELASTIC WAVE VELOCITY MEASUREMENTS IN 06/01/93-07/27/93 DATA WERE DEVELOPED IN ACCORDANCE WITH AYT PLUG CORE SAMPLES FROM BOREHOLE UE-25 UZ GOOD SCIENTIFIC PRACTICES ACCORDING TO #16, YUCCA MOUNTAIN, NYE COUNTY, NEVADA CONTRACT PURCHASE AGREEMENT (P.O. 162397-93) ACON/DEVL LOCATION : PBT, INC. GOLDEN, CO والمرواب and a second second الم المراجع ال المراجع المراجع

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | EDN |
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| **GS940408312232.011 | GAS SAMPLING TEST DATA FROM HRF PROTOTYPE BOREHOLE #1, 12/16/92 | 12/16/92-12/16/92 | DATA WERE COLLECTED BY THE GAS SAMPLING PROGRAM. | ANC |
| | ACQN/DEVL LOCATION : UE-25 HRFUZP#1 | | | |
| GS941008312232.013 | DATA, INCLUDING PRESSURE, TEMPERATURE AND WATER POTENTIAL, COLLECTED FROM THE HRF TEST BOREHOLES UE-25 HRF UZP#1, UE-25 HRF UZP#2A, AND UE-25 HRF UZP#3A | 04/01/94-09/30/94 | DATA FROM THE HRF BOREHOLES WERE COLLECTED USING THE HDAS SOFTWARE PROGRAM AND EXTRACTED TO EITHER TIME SERIES FILES OR A BINARY STRUCTURE FOR DISPLAY. | ANP |
| e a compañía de la | ACON/DEVL LOCATION : UE-25 HRFUZP#1 UE-25 HRFUZP#2A UE-25 HRFUZP#3A | | | |
| Activity - 8.3.1.2. | 2.4.2 | | | |
| G5921208312242.002 | "LABORATORY STUDY OF WATER INFILTRATION INTO A BLOCK OF WELDED TUFF" BY FALAH THAMIR, EDWARD KWICKLIS, AND STEVE | 09/01/92-12/16/92 | INTERPRETATION OF SOURCE DATA BY INVESTIGATOR. | DNC |
| | ANDERION. | CO CO | | |
| | ACQN/DEVI DOCRITON : OBSS 111, DIC DEWINA | | | |
| 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. | DNP |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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DQ AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA TFT YII PEO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN _____ Activity - 8.3.1.2.2.4.8 GS921008312248.001 BULK DENSITY, SPECIFIC GRAVITY, 04/04/89-07/01/92 PROTOTYPE TESTING FOR OPTIMAL RUBBLE AND ANP DRY CORING PROJECTS. STANDARD USGS AND MINERALOGY, CEC, BLAST ROUND DESIGN AND EFFECTIVENESS INFORMATION, BLAST RUBBLE VENDOR LAB PROCEDURES. SIZES, BLAST CHEMICALS, WATER CHEMISTRY AND ISOTOPY, GAS AND WATER VAPOR CHEMISTRY AND ISOTOPY, PHYSICAL RECORDS OF RUBBLE CORING AND ONE-DIMENSIONAL COMPRESSION FOR G-TUNNEL RUBBLE AND CORE SAMPLES. ACON/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 10/01/88-10/01/92 TRACER PROTOTYPE TESTING. STANDARD USGS GS921008312248.002 ROCK PHYSICAL AND CHEMICAL DATA, GAS, ANP WATER AND WATER VAPOR CHEMISTRY AND AND VENDOR LAB PROCEDURES. ALSO HP-160, ISOTOPY, PHYSICAL RECORDS OF GAS, WATER R1. METHODS FOR ANALYSIS OF SAMPLES FOR VAPOR AND PORE WATER COLLECTION. GAS COMPOSITION BY GAS CHROMOTOGRAPHY, (INCLUDES TESTING AT APACHE LEAP, HP-56, R1, GAS AND WATER VAPOR SAMPLING FROM UNSATURATED-CORE TEST HOLES, HP-86, ARIZONA). RO. METHOD FOR DEGASSING CO2 AND H20 VAPOR SAMPLES FROM UNSATURATED ZONE TEST HOLES. HP-223, RO, METHOD FOR PORE-WATER EXTRACTION USING ONE-DIMENSIONAL COMPRESSION, AND HP-204, RO, LIQUID SCINTILLATION SPECTROMETRY METHOD FOR TRITIUM MEASUREMENT OF WATER SAMPLES. ACON/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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| Activity - 8.3.1.2. | 2.6.1 | · · · · · | | |
| GS910608312261.001 | THE COMPOSITION AND CO2 CARBON ISOTOPE SIGNATURE OF GASES FROM BOREHOLE USW UZ-6, YUCCA MOUNTAIN, NEVADA, BY DONALD C THORSTENSON. | 09/01/86-03/01/90 | CHARACTERIZATION OF GASES BY CHEMICAL ANALYSIS. | ANC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| 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. | 05/18/89-05/18/89 | HP-160 AND HP-192 DESCRIBES METHODS. | ANP |
| | ACQN/DEVL LOCATION : N759961(N) E557908(N) N759871(N) E557918(N) | | | |
| GS921208312261.002 | C.S.I. 21X DATALOGGER PRINTOUT FOR WELL USW UZ-65 | 05/03/89-08/18/89 | AUTOMATED DATA COLLECTION SYSTEM | ANP |
| a ser en | ACQN/DEVL LOCATION : USW UZ-6S | | | |
| GS921208312261.003 | CARBON DIOXIDE, METHANE, NITROGEN, OXYGEN, ARGON, HYDROGEN, SULFUR HEXAFLOURIDE, FREON 11, FREON 12, BCF, CARBON 14, CARBON 13/12 GAS RESULTS; TRITIUM, OXYGEN 18/16, AND DEUTERIUM/HYDROGEN WATER VAPOR RESULTS @ USW WELLS UZ-6, UZ-65, UZ-N71, UZ-N72, UZ-N73, UZ-N74, UZ-N76, UZ-N93, UZ-N94, AND UZ-N95 FOR 8/89, 3/90, 11/90 AND 3/91 SAMPLING TRIPS. | 08/01/89-04/03/91 | STANDARD USGS AND VENDOR PROCEDURES, 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 CHROMOTOGRAPHY; HP-176,R0 AND R1, PROCEDURE TO COLLECT GAS COMPOSITION SAMPLES AT SELECTED INTERVALS IN OPEN UNSATURATED ZONE BOREHOLES. | A N P |
| · · · · | ACON/DEVL LOCATION : KRUGER GEOCHRON LABS, S.M.U., DALLAS, TX USGS HRF, NTS, NV USGS MOBILE LAB, AREA | CAMBRIDGE, MA | | |
| | USGS NORTHEAST REGION USGS STABLE ISOTOPE I USGS UZ HYDROCHEMISTR | RESEARCH LAB, RES AB, RESTON, VA Y LABS, DENVER, CO | ION, VA | |

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| GS930508312261.004 | PHYSICAL AND CHEMICAL CHARACTERISTICS OF TOPOGRAPHICALLY AFFECTED AIRFLOW IN AN OPEN BOREHOLE AT YUCCA MOUNTAIN, NEVADA, BY DONALD C. THORSTENSON, EDWIN P. WEEKS, HERBERT HAAS, AND JOAN C. WOODWARD | 01/01/89-01/25/90 | CHEMICAL AND ISOTOPIC DATA WERE OBTAINED FROM EXHALATION CYCLE AT HOLE USW U2-6S AND SAMPLES COLLECTED FROM SHALLOW BOREHOLES DRILLED ON THE CREST OF YUCCA MOUNTAIN. DATA FOR FLOW DISTRIBUTION WITH DEPTH PRESENTED. GAS FLOW AND CHEMISTRY DATA PERMIT INFERENCES TO BE DRAWN AS TO ORIGIN AND GEOCHEMICAL REACTIONS IN DEEP BOREHOLES. | DI | NC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | : | | , | |
| **GS930508312261.005 | STOP 14: GASEOUS PHASE FLOW AND TRANSPORT THROUGH YUCCA MOUNTAIN, BY R.C. TRAUTZ AND E.P. WEEKS | 01/01/88-04/18/89 | AUTHORS' SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED REPORTS. | DI | A C |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | |
| 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; | 09/01/86-05/25/89 | STANDARD USGS AND VENDOR PROCEDURES, TECHNICAL PROCEDURES HP-56, RO AND R1, GAS AND WATER VAPOR SAMPLING FROM UNSATURATED-ZONE TEST HOLES, HP-160, RO, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY, HP-176, | A I | 1 P |
| | <pre>0 USW WELLS UZ-6, UZ-6S, UZ-N71, UZ-N72, UZ-N73, UZ-N74, UZ-N75, UZ-N76, UZ-N93, UZ-N94, AND 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 AND 3/89 SAMPLING TRIPS.</pre> | | RO, PROCEDURE TO COLLECT GAS COMPOSITION SAMPLES AT SELECTED DEPTH INTERVALS IN OPEN UNSATURATED ZONE BOREHOLES. | | |
| | ACQN/DEVL LOCATION : KRUEGER GEOCHRON LABS S.M.U., DALLAS, TX USGS HRF, NTS, NV USGS NORTHEAST REGION USGS STABLE ISOTOPE L USGS UZ HYDROCHEMISTR USGS, MOBILE LAB, ARE | , CAMBRIDGE, MA RESEARCH LAB, REST AB, RESTON, VA (LAB, DENVER, CO A 25, NTS, NV | ON, VA | | |
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DQ AUL TAO ALC IA SITE CHARACTERIZATION PLAN BASELINE TFT YII PEO ACON/DEVL PERIOD ACON/DEVL METHOD EDN TITLE/DESCRIPTION DATA TRACKING NO. _____ _____ AYP 03/15/93-03/26/93 DATA WERE COLLECTED USING THE FOLLOWING **GS931008312261.002 CARBON DIOXIDE, METHANE, CARBON-14, HYDROLOGIC PROCEDURES: HP-56, R3, GAS AND CARBON 13/12, AND OXYGEN 18/16 GAS WATER VAPOR SAMPLING FROM UNSATURATED-ZONE RESULTS FROM USW UZ-6, USW UZ-6S, USW TEST HOLES; HP-160, R1-M1 AND R2, METHODS UZ-N71, USW UZ-N72, USW UZ-N73, USW FOR ANALYSIS OF SAMPLES FOR GAS UZ-N74, USW UZ-N75, USW UZ-N76, USW COMPOSITION BY GAS CHROMATOGRAPHY; HP-176, UZ-N93, USW UZ-N94, AND USW UZ-N95 FOR R1 AND R2, PROCEDURE TO COLLECT GAS MARCH 1993. SAMPLES AT SELECTED DEPTH INTERVALS IN OPEN UNSATURATED ZONE BOREHOLES; AND HP-256, RO AND RO-M1, METHOD FOR COLLECTING AND STORING CO2 GAS SAMPLES FROM BOREHOLE ATMOSPHERE OR FROM FREE AIR BY ABSORPTION IN A KOH SOLUTION. ACON/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 TECHNICAL PROCEDURES: 1. HP-175, R2, R2-M1 A Y P **GS931008312261.003 1. TEMP. DATA, DOWNHOLE, WELL USW UZ-6S 01/22/93-02/17/93 AND R3, METHOD FOR SURFACE MEASUREMENTS OF 05/25/93-10/18/93 FROM JAN. 22, 1993 TO FEB. 17, 1993; 2. VELOCITY, DIRECTION, TEMPERATURE AND 05/27/93-05/27/93 BOREHOLE FLOW, DIRECTION, TEMPERATURE HUMIDITY OF CONVECTIVE AIRFLOW IN 06/16/93-06/16/93 AND RELATIVE HUMIDITY DATA FROM WELL USW TOPOGRAPHICALLY-AFFECTED (VARYING) WELLS, UZ-65 FROM MAY 25, 1993 TO OCT. 18, HP-177, R1 AND R2, OPERATION OF A (SETRA 1993; 3. SUBSURFACE FLOW DATA @ WELL

ACON/DEVL LOCATION : UE-25 UZ#16 USW UZ-65

USW UZ-16 ON MAY 27 AND JUNE 16, 1993

MODEL 270) BAROMETRIC PRESSURE TRANSDUCER,

AND HP-178, RO, R1, R1-M1 AND R2, PROCEDURE

TO MEASURE TEMPERATURE, HUMIDITY, DIFFERENTIAL PRESSURE AND AIRFLOW AT SELECTED DEPTHS IN UZ BOREHOLE

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | |
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| GS940608312261.001 | FIRST AND SECOND QUARTER FY94 TRACER TEST DATA | 09/28/93-12/10/93 | DATA ACQUIRED USING SCIENTIFIC NOTEBOOK SN-0054, GAS-PHASE CIRCULATION TRACER TESTS; HP-160,R2, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY; HP-176.R2. PROCEDURE TO | АУР |
| e di su se su su su | | | COLLECT GAS SAMPLES AT SELECTED DEPTH INTERVALS IN OPEN UNSATURATED ZONE BOREHOLES; HP-192, R2, SHALLOW SOIL GAS COLLECTION; HP-242, R1, METHOD FOR ANALYZING THE CONCENTRATION OF HALOCARBON GASES WITH AN ITI LEAKMETER 120; AND GCP-30, R0, CARBON DIOXIDE MEASUREMENT WITH EGM-1 AND WMA-2 FORTABLE IRGA. | |
| | ACON/DEVL LOCATION : UZ HYDROCHEMISTRY MO NEVADA TEST SITE, NE | BILE LABORATORY, ARE VADA | A 25, | |
| GS940608312261.002 | C.S.I. 21X DATALOGGER PRINTOUT FOR WELL UZ-6S PRIOR TO 5/3/89 | 12/17/87-05/03/89 | AUTOMATED DATA COLLECTION SYSTEM | ANP |
| | ACQN/DEVL LOCATION : USW UZ-6S | · | | |
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| GS940608312261.003 | DOES THE WIND BLOW THROUGH YUCCA MOUNTAIN?, BY E.P. WEEKS | 06/01/90-12/31/90 | STANDARD USGS REPORT PROCEDURES | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| *GS94070B312261.004 | SHUT-IN PRESSURE TEST DATA FROM DECEMBER 1992 to february 1994 from select wells and boreholes at Yucca Mountain, Nevada | 12/18/92-02/06/94 | DATA WERE ACQUIRED USING HYDROLOGIC PROCEDURE HP-257, R0, METHOD TO MEASURE SHUT-IN PRESSURE IN UNSATURATED ZONE BOREHOLES | А Ү Р |
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| en e | ACQN/DEVL LOCATION : UE-25 A#4 UE-25 UZ#16 USW NRG-6 USW UZ-13 USW UZ-6 USW UZ-6S | | | |
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| *GS940708312261.005 | CARBON DIOXIDE, METHANE, CARBON 13/12, AND OXYGEN 18/16 RESULTS FROM USW UZ-6, USW UZ-6S, USW UZ-N27, USW UZ-N62, USW UZ-N64, USW UZ-N75, USW UZ-N93, USW UZ-N94, USW UZ-N95, UE-25 NRG#2B, UE-25 NRG#4, UE-25 NRG#5, AND USW NRG-6. THESE DATA WERE COLLECTED IN JANUARY 1994 AND MARCH 1994. | 01/18/94-03/15/94 | DATA ACQUIRED USING THE FOLLOWING HYDROLOGIC PROCEDURES: GCP-15, R2, OXYGEN ISOTOPE ANALYSIS OF OPALINE SILICA, CHALCEDONY, AND QUARTZ; GCP-16, R4, CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES; HP-160, R2 AND R2-M1, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY; HP-176, R2, PROCEDURE TO COLLECT GAS SAMPLES AT SELECT DEPTH INTERVALS IN OPEN UNSATURATED ZONE BOREHOLES; AND HP-256, R0, METHOD FOR COLLECTED ON SOUTH CO22 CAS SAMPLES | A | ΥP |
| | ACQN/DEVL LOCATION : USGS BRANCH OF ISOTOP | e geology, denver, | FROM BOREHOLE ATMOSPHERE OR FROM FREE AIR BY ABSORPTION IN A KOH SOLUTION. | | |
| | USGS MOBILE LAB, AREA | 25, NTS, NV | | | |
| *GS940708312261.006 | BOREHOLE FLOW, DIRECTION, TEMPERATURE, AND RELATIVE HUMIDITY DATA FROM WELL USW UZ-6S FROM OCTOBER 18, 1993, TO MARCH 7, 1994. | 10/18/93-03/07/94 | DATA WERE ACQUIRED USING THE FOLLOWING TECHNICAL PROCEDURES: HP-175,R3, METHOD FOR SURFACE MEASUREMENTS OF VELOCITY, DIRECTION, TEMPERATURE, AND HUMIDITY OF CONVECTIVE AIRFLOW IN | A | ΥP |
| | | • • | TOPOGRAPHICALLY-VARYING WELLS; HP-177, R2, OPERATION OF A BAROMETRIC PRESSURE TRANSDUCER; AND HP-178, R2, PROCEDURE TO MEASURE TEMPERATURE, HUMIDITY, DIFFERENTIAL PRESSURE, AND AIRFLOW AT SELECTED DEPTHS IN UZ BOREHOLE. | | • |
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| | ACQN/DEVL LOCATION : USW UZ-6S | | | ۰. | |

DO AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA TFT YII PEO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN ------Activity - 8.3.1.2.2.7.1 GS911108312271.001 HEAT EVACUATION SHEETS FOR GAS STORAGE 05/01/89-10/31/91 USGS-HP-195 AYP AND COLLECTION CYLINDERS. EVACUATION PERFORMED PRIOR TO UZ1 BOREHOLE GAS COLLECTION. ACON/DEVL LOCATION : UZ1 GS911108312271.002 FIELD PUMPING DATA SHEETS DOCUMENTING 01/01/84-10/31/91 USGS-HP-56 AYP PUMPING TIMES, FLOW RATES, SAMPLE COLLECTION AND TUBING ADVANCES FOR UZ1. . . ACON/DEVL LOCATION : UZ1 and part of the second GS911108312271.003 DEGASSING DATA SHEETS DOCUMENTING 01/01/84-10/31/91 USGS-HP-86 AND USGS-HP-190T AYP DEGASSING TIME, TEMPERATURE, AND APPROXIMATE VOLUMES OF GAS FOR BOREHOLE UZ1. ACON/DEVL LOCATION : UZ1 GS911108312271.004 GAS CHROMATOGRAPH RECORDS OF GAS 12/01/84-04/01/91 USGS-HP-160 AYP CONCENTRATIONS OF SYRINGE SAMPLES TAKEN DURING UZ1 BOREHOLE GAS SAMPLING. ACON/DEVL LOCATION : UZ1 · · · ,

| | SITE CHARACTERIZATION PLAN BASELINE | | | DQ AUL TAO ALC IA TFT YII |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| GS911108312271.005 | FLOW METER CALIBRATION RECORD FOR UZ1. | 03/01/87-04/01/91 | USGS-HP-56 | АҮР |
| GS911208312271.006 | ACQN/DEVL LOCATION : U21 LABORATORY RESULTS OF DELTA 18 0 VALUES FROM WATER VAPOR SAMPLES, BOREHOLE U21. | 04/10/89-10/31/89 | USGS APPROVED VENDOR SERVICE | DYP |
| e en | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | i. |
| GS911208312271.007 | LABORATORY RESULTS OF TRITIUM VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE UZ1. | 02/04/86-10/31/91 | USGS APPROVED VENDOR LABORATORY | DYP |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS911208312271.008 | LABORATORY RESULTS OF DELTA D VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE UZ1. | 04/10/89-10/31/91 | USGS APPROVED VENDOR LABORATORY | DYP |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS911208312271.009 | LABORATORY RESULTS OF CARBON-14 ANALYSIS OF GAS SAMPLES FROM BOREHOLE U21. | 01/01/84-10/31/91 | USGS STANDARD METHODS | DYP |
| • | ACQN/DEVL LOCATION : USGS, DENVER, CO | • | | |
| GS911208312271.010 | LABORATORY RESULTS OF CARBON-13/CARBON 12 ISOTOPE RATIO FROM GAS SAMPLES FROM BOREHOLE UZ1. | 01/01/84-10/31/91 | USGS STANDARD METHODS | DYP |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | Y I I P E O E D N |
| GS911208312271.011 | GAS CHROMATOGRAPH INTERPRETATION OF GAS CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING UZ1 BOREHOLE GAS SAMPLING. | 12/01/84-04/01/91 | USGS-HP-160 | DYP |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930108312271.001 | HEAT EVACUATION SHEETS FOR GAS STORAGE AND COLLECTION CYLINDERS. EVACUATION PERFORMED PRIOR TO USW UZ-1 BOREHOLE GAS COLLECTION. | 12/09/91-12/19/91 | CYLINDER HEAT EVACUATION PERFORMED BY PROCEDURES OUTLINED IN HP-195,R0, METHOD FOR HEAT EVACUATING GAS STORAGE AND COLLECTION CYLINDERS. | АУР |
| | ACON/DEVL LOCATION : USGS, DENVER, CO USGS, NTS | | | |
| GS930108312271.002 | CALIBRATION RECORD FOR FLOW METER USED TO DETERMINE PUMPING VOLUMES IN SUPPORT OF USW UZ-1 HYDROCHEMISTRY BOREHOLE GAS SAMPLING ACTIVITIES. | 12/09/91-12/19/91 | FLOW METER CALIBRATION PERFORMED BY PROCEDURES OUTLINED IN HP-56,R3, GAS AND WATER VAPOR SAMPLING FROM UNSATURATED-ZONE TEST HOLES. | АУР |
| | ACON/DEVL LOCATION : USGS, DENVER, CO USGS, NTS | | | |
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| GS930108312271.003 | FIELD PUMPING DATA SHEETS DOCUMENTING PUMPING TIMES, FLOW RATES, SAMPLE COLLECTION, TUBING ADVANCES FOR BOREHOLE USW U2-1. | 12/09/91-12/19/91 | COLLECTED DATA USING PROCEDURES OUTLINED IN HP-56,R3, GAS AND WATER VAPOR SAMPLING FROM UNSATURATED-ZONE TEST HOLES. | АҮР |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV USW UZ-1 | | | |
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| DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METHOD GS930108312271.004 GAS CHROMATOGRAPH ANALYSIS OF GAS CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING USW UZ-1 BOREHOLE GAS SAMPLING. 12/09/91-12/19/91 GAS CHROMATOGRAPH SAMPLES ARE ANALYZED B PROCEDURES OUTLINED IN RP-160,R0, METHOD FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPH SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY. ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, MTS, NV USW UZ-1 USGS, DENVER, CO USGS, MTS, NV USW UZ-1 12/09/91-12/19/91 DATA ACQUISITION FOLLOWING PROCEDURES OUTLINED IN HP-86,R2, METHOD FOR DECASSING DEGASSING DATA SHEETS DOCUMENTING DEGASSING TIME, TEMPERATURE, APPROXIMATE VOLUMES OF GAS FOR USW UZ-1. DATA SHEETS INCLUDE C-14, C13/C12, SILICA GEL DEWATERING. 12/09/91-12/19/91 DATA ACQUISITION FOLLOWING PROCEDURES OUTLINED IN HP-86,R2, METHOD FOR DEGASSING DEWATERING. ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV USGS, DENVER, CO USGS, NTS, NV DATA ACQUISITION FOLLOWING PROCEDURES OUTLINED IN HP-86,R2, METHOD FOR DEGASSING DEWATERING. | PEO EDN |
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| GS930108312271.004 GAS CHROMATOGRAPH ANALYSIS OF GAS CONCENTRATION OF STRINGE SAMPLES TAKEN DURING USW UZ-1 BOREHOLE GAS SAMPLING. 12/09/91-12/19/91 GAS CHROMATOGRAPH SAMPLES ARE ANALYZED B PROCEDURES OUTLINED IN HP-160, R0, METHOD FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPH, SAMPLES ARE DESTROYED IN ANALYSIS. SEVERAL SAMPLES ARE TAKEN AT EACH PROBE (DEPTH) IN BOREHOLE EACH SAMPLING TRIP A AN AID IN DETERMINING PUMPING EFFICIENCY USGS, NTS, NV. USW UZ-1 GS930108312271.005 DEGASSING DATA SHEETS DOCUMENTING DEGASSING TIME, TEMPERATURE, APPROXIMATE VOLUMES OF GAS FOR USW UZ-1. DATA SHEETS INCLUDE C-14, C13/C12, SILICA GEL DEWATERING. 12/09/91-12/19/91 DATA ACQUISITION FOLLOWING PROCEDURES OUTLINED IN HP-86, R2, METHOD FOR DEGASSI CO2 AND H20 VAPOR SAMPLES FROM UNSATURAT ZONE TEST HOLES, AND HP-190T, R0 SILICA G DEWATERING. | |
| GS930108312271.004GAS CHROMATOGRAPH ANALYSIS OF GAS CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING USW UZ-1 BOREHOLE GAS SAMPLING.12/09/91-12/19/91GAS CHROMATOGRAPH SAMPLES ARE ANALYZED B PROCEDURES OUTLINED IN HP-160, R0, METHOD FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPH SAMPLES ARE ANALYZED B PROCEDURES OUTLINED IN HP-160, R0, METHOD FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPH SAMPLES ARE ANALYZED B PROCEDURES OUTLINED IN HP-160, R0, METHOD FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY. SAMPLES ARE DESTROYED IN ANALYSIS. SEVERAL SAMPLES ARE TAKEN AT EACH PROBE (DEPTH) IN BOREHOLE EACH SAMPLING TRIP A AN AID IN DETERMINING PUMPING EFFICIENCYACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV USW UZ-112/09/91-12/19/91DATA ACQUISITION FOLLOWING PROCEDURES OUTLINED IN HP-86, R2, METHOD FOR DEGASSING COMPOSITION SAMPLES FROM UNSATURAT SCHETS INCLODE C-14, C13/C12, SILICA GEL DEWATERING.12/09/91-12/19/91DATA ACQUISITION FOLLOWING PROCEDURES OUTLINED IN HP-86, R2, METHOD FOR DEGASSING COMPOSITION SAMPLES FROM UNSATURAT SCHETS INCLODE C-14, C13/C12, SILICA GEL DEWATERING.ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NVDESGS, DENVER, CO USGS, NTS, NVDEWATERING. | |
| (DEPTH) IN BOREHOLE EACH SAMPLING TRIP A AN AID IN DETERMINING PUMPING EFFICIENCY USGS, NTS, NV USW UZ-1 GS930108312271.005 DEGASSING DATA SHEETS DOCUMENTING DEGASSING TIME, TEMPERATURE, APPROXIMATE VOLUMES OF GAS FOR USW UZ-1. DATA SHEETS INCLUDE C-14, C13/C12, SILICA GEL DEWATERING. ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV | ТАУР |
| ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV USW UZ-1 GS930108312271.005 DEGASSING DATA SHEETS DOCUMENTING DEGASSING TIME, TEMPERATURE, APPROXIMATE VOLUMES OF GAS FOR USW UZ-1. DATA SHEETS INCLUDE C-14, C13/C12, SILICA GEL DEWATERING. ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV | ÷ النظر (|
| GS930108312271.005DEGASSING DATA SHEETS DOCUMENTING DEGASSING TIME, TEMPERATURE, APPROXIMATE VOLUMES OF GAS FOR USW U2-1. DATA SHEETS INCLUDE C-14, C13/C12, SILICA GEL DEWATERING.12/09/91-12/19/91 IDATA ACQUISITION FOLLOWING PROCEDURES OUTLINED IN HP-86,R2, METHOD FOR DEGASSI CO2 AND H2O VAPOR SAMPLES FROM UNSATURAT ZONE TEST HOLES, AND HP-190T,R0 SILICA G DEWATERING.ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV12/09/91-12/19/91 IDATA ACQUISITION FOLLOWING PROCEDURES OUTLINED IN HP-86,R2, METHOD FOR DEGASSI CO2 AND H2O VAPOR SAMPLES FROM UNSATURAT ZONE TEST HOLES, AND HP-190T,R0 SILICA G DEWATERING. | - |
| ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV | AYP IG ID IL |
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| GS930108312271.006 LABORATORY RESULTS OF DELTA-180 VALUES 12/09/91-12/19/91 DELTA-180 ANALYSIS OF SAMPLES BY APPROVE FROM WATER VAPOR SAMPLES FROM BOREHOLE VENDOR. USW UZ-1. |) AYP |
| ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO USGS, DENVER, CO | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| GS930108312271.007 | LABORATORY RESULTS OF DELTA-D VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE USW UZ-1. | 12/09/91-12/19/91 | DELTA-D ANALYSIS OF SAMPLES BY APPROVED VENDOR. | АУР |
| | ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO USGS, DENVER, CO | | | |
| GS930108312271.008 | LABORATORY RESULTS OF TRITIUM VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE USW UZ-1. | 12/09/91-12/19/91 | 3H ANALYSIS OF SAMPLES BY APPROVED VENDOR. | АУР |
| | ACON/DEVL LOCATION : USGS NWOL, DENVER, CO USGS, DENVER, CO | | | |
| GS930108312271.009 | LABORATORY RESULTS OF CARBON 13/CARBON 12 ISOTOPE RATIO FROM GAS SAMPLES FROM BOREHOLE USW U2-1. | 12/09/91-12/19/91 | CARBON 13/CARBON 12 ANALYSIS OF SAMPLES. | АУР |
| | ACQN/DEVL LOCATION : USGS BR. OF PETRO. GEO USGS, DENVER, CO | DLOGY, DENVER, CO | | |
| GS930108312271.010 | LABORATORY RESULTS OF CARBON 14 ANALYSIS OF GAS SAMPLES FROM BOREHOLE USW UZ-1. | 12/09/91-12/19/91 | 14C ANALYSIS OF SAMPLES. | АЧР |
| | ACQN/DEVL LOCATION : KRUEGER GEOCHRON LAB, USGS, DENVER, CO | CAMBRIDGE, MA | (a) A set of the se | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METROD | |
| GS930408312271.011 | HEAT EVACUATION SHEETS FOR GAS STORAGE AND COLLECTION CYLINDERS. EVACUATION PERFORMED PRIOR TO USW UZ-1 BOREHOLE GAS COLLECTION, MAY, 1989, THRU JAN., 1991. | 05/22/89-01/31/91 | CYLINDER HEAT EVACUATION PERFORMED BY PROCEDURES OUTLINED IN HP-195, RO, METHOD FOR HEAT EVACUATING GAS STORAGE AND COLLECTION CYLINDERS. | A Y P |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV | | | |
| GS930408312271.012 | FLOW METER CALIBRATION RECORD FLOW METER USED TO DETERMINE PUMPING VOLUMES IN SUPPORT OF USW UZ-I HYDROCHEMISTRY BOREHOLE GAS SAMPLING ACTIVITIES, MAY, 1989 THRU JAN., 1991. | 05/22/89-01/31/91 | FLOW METER CALIBRATION PERFORMED BY PROCEDURES OUTLINED IN HP-56,R0, GENERAL PROCEDURE FOR SOIL GAS SAMPLING IN UNSATURATED-ZONE TEST HOLES, HP-56,R1 AND R2, GAS AND VAPOR SAMPLING FROM UNSATURATED-ZONE TEST HOLES. | AYP |
| | ACON/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV | | | |
| GS930408312271.013 | FIELD PUMPING DATA SHEETS DOCUMENTING PUMPING TIMES, FLOW RATES, SAMPLE COLLECTION, TUBING ADVANCES, FOR USW UZ-1 MAY, 1989 THRU JAN., 1991. | 05/22/89-01/31/91 | COLLECTED DATA USING PROCEDURES OUTLINED IN HP-56,R0, GENERAL PROCEDURE FOR SOIL GAS SAMPLING IN UNSATURATED-ZONE TEST HOLES, HP-56,R1 AND R2, GAS AND VAPOR SAMPLING FROM UNSATURATED-ZONE TEST HOLES. | λΥΡ |
| | ACON/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV USW U2-1 | | | |
| GS930408312271.014 | GAS CHROMATOGRAPH ANALYSIS OF GAS CONCENTRATIONS OF SYRINGE SAMPLES TAKEN DURING USW UZ-1 BOREHOLE GAS SAMPLING, MAY, 1989, THRU JAN., 1991. | 05/22/89-01/31/91 | GAS CHROMATOGRAPH ARE ANALYZED BY PROCEDURES OUTLINED IN HP-160, R0, METHODS FOR COLLECTION AND ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY, AND HP-160, R1, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY. | АЧІ |
| • • • • • • | | | SAMPLES ARE DESTROYED IN ANALYSIS. Several samples are taken at each depth in Hole UZ-1. Each sampling trip is an aid in Determining pumping efficiency. | ' |
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| A T A T SITE CHARACTERIENTION PLAN BASELINE DATA TRACKING NO. TITLE/DESCRIPTION DATA TRACKING NO. TITLE/DESCRIPTION USGS, NTS, NV USGS, NTS, NV USGS, NTS, NV G8930408312271.015 DECASSING THAT, HERETS DOCUMENTING DECASSING THAT, HERETS DOCUMENTING DECASSING THAT, HERETS INCLODE C14, C13/G12, SILICA GEL DEWART, 1989, THEU JAN, 1991.DATA SHEETS INCLODE C14, C13/G12, SILICA GEL DEWART, CO USGS, MTS, NV G8930408312271.015 LARGATORY RESULTS OF DELTA 180 VALUES FXCM WATEM VACK SAMPLES FROM NODENCLE UN USS, MTS, NV G8930408312271.015 LARGATORY RESULTS OF DELTA 180 VALUES FXCM WATEM VACK SAMPLES FROM NODENCLE UNS UTA., MAY, 1989, THEU JAN, 1991. ACQN/DEVL LOCATION : USSS, DENVER, CO USSS, MTS, NV G8930408312271.017 LARGATORY RESULTS OF DELTA 180 VALUES FXCM WATEM VACK SAMPLES FROM NODENCLE USSS, DENVER, CO USSS, DENVER, CO DUSSS, DENVER | | | | | DQ |
|---|----------------------------------|---|---------------------------------------|--|----------------|
| SITE CHARACTERIZATION FLAN BASELINE DATA TRACKING NO. TITLE/DESCRIPTION USGS, NTS, NV GS930400312271.015 DEGASSING DATA SHEETS DOCUMENTING DEGASSING THAL SEMERATORY, APPROVENTING DEGASSING THAL SEMERATORY, APPROVENTING CI3/C12, SILICA GEL DEWATERING. ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV GS930400312271.016 LABORATORY RESULTS OF DELTA 180 VALUES FROM MATER VAPOR SAMPLES FOCH DOCUMENT ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, DENVER, CO USGS, DENVER, CO GS9304008312271.016 LABORATORY RESULTS OF DELTA 180 VALUES FROM MATER VAPOR SAMPLES FOCH DOCUMENT ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, DENVER, CO USGS, DENVER, CO GS9304008312271.016 LABORATORY RESULTS OF DELTA 180 VALUES FROM MATER VAPOR SAMPLES FOCH DOCUMENT ACQN/DEVL LOCATION : USGS MENTER, CO USGS, DENVER, CO DUSGS, DENVER, CO DUSG, DENVER, CO DUSG, DENVER, | | | • | | A Ũ L T A O |
| DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD US33, NTS, NV GS930408312271.015 DEGASSING DATA SHEETS DOCUMENTING DEGASSING THE, THEWEARTURE, APPROXIMATE DEGASSING OF MAX, 1989, THEU JAN, 1990, THEU JAN, 1990, THEU JAN, 1991, T | | SITE CHARACTERI | ZATION PLAN BASELIN | ie | A L C I A |
| DATA TRACKING NO. TITLE/DESCRIPTION ACQN/DEVL PERIOD ACQN/DEVL METHOD P B C GS930408312271.015 DEGASSING DATA SHEETS DOCUMENTING DEGASSING DATA SHEETS INCIDE, AFFRONTHATE DEGASSING TIME, THE BAATURE, AFFRONTHATE DEGASSING TIME, THE BAATURE, AFFRONTHATE DEGASSING TIME, THE BAATURE, AFFRONTHATE DEGASSING TIME, THE BAATURE, AFFRONTHATE DEGASSING DATA SHEETS INCIDE C-14, C13/C12, SILICA GEL DEWATERING. 05/22/89-01/31/91 DATA AQUISITION FOLLOWING FROCEDORES DEGASSING TIME, AFFRONTING C02 AND H20 VAROK SAMPLES FROM UNATORATED DEGASTING, BAY LS FROM UNATORATED DEGASTING, BAY LS FOR UNATORATED SEARCHING, BAY LS FOR UNATORATED DEGASTING, BAY LS FOR UNATORATED DEGASTING, BAY LS FOR UNATORATING USAS, DENVER, CO USAS, DENVER, CO USAS, DENVER, CO 05/22/89-01/31/91 DELTA 180 ANALYSIS BY APPROVED VENDOR. A Y E FROM WATER VAROK TRESULTS OF DELTA 10 VALUES FROM WATER VAROK TRESULTS OF DELTA 10 VALUES FROM WATER VAROK TRESULTS OF DELTA 10 VALUES FROM WATER VAROK TRESULTS OF DELTA D VALUES FROM WATER VAROK TRESULS STANDAR, CO | | | | | T F T Y I I |
| USGS, HTS, NV GS9304008312271.015 DEGASSING DATA SHEETS DOCUMENTING DEGASSING THE, THEFFERATURE, APPROXIMATE VOLUME OF GAS, HAY, 1999, THEU JAN, 1991. DATA SHEETS INCLUDE C-14, CIJ/CIZ, SILICA GEL DEWATERING. ACQN/DEVL LOCATION : USGS, DEHVER, CO USGS, NTS, NV GS9304008312271.016 LABORATORY RESULTS OF DELTA 180 VALUES FROM WATER VAPOR SAMPLES FROM USGENDE, CO USGS, DENVER, CO CO CO CO CO CO CO CO CO CO | DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| G\$930408312271.015 DECASSING DATA SELETE DOCUMENTING DATA AQUISITION FOLLOWING FROCEDURES A Y I OULDED OF GAS, MAY, 1989, THEN JAN., 1931. DATA SEETS INCLES, IM-197, 80, SILICA GEL DEWATERING. ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV G\$930408312271.016 LABORATORY RESULTS OF DELTA 180 VALUES FROM WATER VAPOR SAMPLES FROM BORRACLE USGS, DENVER, CO USGS, DENVER, CO | | USGS, NTS, NV | | | |
| ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV G\$930408312271.016 LABORATORY RESULTS OF DELTA 180 VALUES FROM WARTER VAPOR SAMPLES FROM BOREHOLE USW UZ-1, MAX, 1999, THRU JNN., 1991. ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO USGS, DENVER, CO G\$930408312271.017 LABORATORY RESULTS OF DELTA D VALUES FROM WATER VAPOR FROM BOREHOLE USW UZ-1, MAX, 1989, THRU JAN., 1991. ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO USGS, DENVER, CO | GS930408312271.015 | DEGASSING DATA SHEETS DOCUMENTING DEGASSING TIME, TEMPERATURE, APPROXIMATE VOLUME OF GAS, MAY, 1989, THRU JAN., 1991. DATA SHEETS INCLUDE C-14, C13/C12, SILICA GEL DEWATERING. | 05/22/89-01/31/91 | DATA AQUISITION FOLLOWING PROCEDURES OUTLINED IN HP86,R2, METHOD FOR DEGASSING CO2 AND H20 VAPOR SAMPLES FROM UNSATURATED ZONE TEST HOLES, HP-19T,RO, SILICA GEL DEWATERING, HP-194,RO, CALCULATION OF RELATIVE HUMIDITY AT DEPTHS WITHIN UNSATURATED ZONE TEST HOLES USING A SILICA-GEL TOWER. | АҮР |
| G\$930408312271.016 LABORATORY RESULTS OF DELTA 180 VALUES FROM WATER VAPOR SAMPLES FROM BOREMOLE USW UZ-1, MAX, 1999, THEN JAN., 1991. ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO USGS, DENVER, CO G\$930408312271.017 LABORATORY RESULTS OF DELTA D VALUES FROM WATER VAPOR FROM BOREHOLE USW UZ-1, MAY, 1999, THEN JAN., 1991. ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO USGS, DENVER, CO | | ACON/DEVL LOCATION : USGS, DENVER, CO USGS, NTS, NV | | | |
| ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO USGS, DENVER, CO GS930408312271.017 LABORATORY RESULTS OF DELTA D VALUES FROM WATER VAPOR FROM BOREHOLE USW UZ-1, MAY, 1989, THRU JAN., 1991. ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO USGS, DENVER, CO | GS930408312271.016 | LABORATORY RESULTS OF DELTA 180 VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE USW UZ-1, MAY, 1989, THRU JAN., 1991. | 05/22/89-01/31/91 | DELTA 180 ANALYSIS BY APPROVED VENDOR. | АХР |
| GS930408312271.017 LABORATORY RESULTS OF DELTA D VALUES FROM WATER VAPOR FROM BOREHOLE USW UZ-1, MAY, 1989, THRU JAN., 1991. ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO USGS, DENVER, CO | | ACON/DEVL LOCATION : USGS NWOL, DENVER, CO USGS, DENVER, CO | | | |
| ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO USGS, DENVER, CO NAME AND | GS930408312271.017 | LABORATORY RESULTS OF DELTA D VALUES FROM WATER VAPOR FROM BOREHOLE USW UZ-1, MAY, 1989, THRU JAN., 1991. | 05/22/89-01/31/91 | DELTA-D ANALYSIS BY APPROVED VENDOR. | AYP |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | |
| GS930408312271.018 | LABORATORY RESULTS OF TRITIUM VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE USW UZ-1, MAY, 1989, THRU JAN., 1991. | 03/22/89-01/31/91 | 3H ANALYSIS BY APPROVED VENDOR. | АУР |
| | ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO USGS, DENVER, CO | | | |
| GS930408312271.019 | LABORATORY RESULTS OF CARBON 13/CARBON 12 ISOTOPE RATIO FROM GAS SAMPLES FROM BOREHOLE USW UZ-1, MAY, 1989, THRU JAN., 1991. | 05/22/89-01/31/91 | C13/C12 ANALYSIS BY APPROVED VENDOR. | АҮР |
| | ACON/DEVL LOCATION : USGS BRANCH OF PETRO. USGS, DENVER, CO | GEOLOGY, DENVER, CO | Determine the second se Second second secon second second sec | |
| G5930408312271.020 | LABORATORY RESULTS OF CARBON 14 ANALYSIS OF GAS SAMPLES FROM BOREHOLE USW UZ-1, MAY, 1989, THRU JAN., 1991. | 05/22/89-01/31/91 | 14C DETERMINATION BY APPROVED VENDOR. | АУР |
| | ACON/DEVL LOCATION : KRUEGER ENTERPRISES G USGS, DENVER, CO | EOCHRON LAB, CAMBRII | DGE, MA | |
| GS930508312271.021 | ANALYSIS OF GASEOUS-PHASE STABLE AND RADIOACTIVE ISOTOPES IN THE UNSATURATED ZONE, YUCCA MOUNTAIN, NEVADA, BY IN C. YANG, HERBERT H. HAAS, EDWIN P. WEEKS, AND DONALD C. THORSTENSON | 01/01/85-10/31/85 | SAMPLES WERE ANALYZED BY GAS CHROMATOGRAPHY, KOH METHOD, AND MOLECULAR-SIEVE METHOD; METHODS DESCRIBED IN REPORT. 12CO2 AND 14CO2 MOLE FRACTIONS WERE PLOTTED AS A FUNCTION OF DEPTH. | DNC |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | EI | DN |
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| GS940408312271.001 | GAS CHROMATOGRAPH ANALYSIS OF GAS CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING USW UZ-1 BOREHOLE GAS SAMPLING | 12/03/93-12/07/93 | GAS CHROMATOGRAPH SAMPLES ARE ANALYZED BY PROCEDURES OUTLINED HP-160, R2, METHOD FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY. SAMPLES ARE DESTROYED IN ANALYSIS. SEVERAL SAMPLES ARE TAKEN AT EACH PROBE (DEPTH) IN HOLE USW UZ-1; EACH SAMPLING TRIP IS AN AID IN DETERMINING PUMPING EFFICIENCY | A | ΥP |
| | | | FUTFING EFFICIENCI. | | |
| | ACON/DEVL LOCATION : USGS HYDROCHEMISTRY : | LAB, DENVER, CO | | ; | |
| GS940408312271.002 | GAS CHROMATOGRAPH ANALYSIS OF GAS Composition GAS Samples from Borehole USW UZ-1 | 12/03/93-12/07/93 | GAS COMPOSITION SAMPLES ARE ANALYZED BY GAS CHROMATOGRAPHY PROCEDURES OUTLINED IN HP-160,R2. SAMPLES ARE DESTROYED IN ANALYSIS. | AJ | ΎΡ |
| | ACQN/DEVL LOCATION : USGS HYDROCHEMISTRY : | LAB, DENVER, CO | | | |
| GS940408312271.003 | LABORATORY RESULTS OF TRITIUM VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE USW UZ-1 | 12/03/93-12/07/93 | SAMPLES SENT TO USGS NAT'L WATER QUALITY LAB FOR 3H ANALYSIS, OR ANALYZED IN USGS UZ HYDROCHEMISTRY LAB BY PROCEDURES | АУ | ſ₽ |
| | | | SCINTILLATION SPECTROMETRY METHOD FOR TRITIUM MEASUREMENT OF WATER SAMPLES. SAMPLES DESTROYED IN ANALYSIS. | | |
| | ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO | b | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | Acon/devl method | P : E : - | e o d n |
| GS940408312271.004 | LABORATORY RESULTS OF CARBON 13/CARBON 12 ISOTOPE RATIO FROM GAS SAMPLES FROM BOREHOLE USW UZ-1 TAKEN 12/93 | 12/03/93-12/07/93 | CARBON 13/CARBON 12 ANALYSIS BY JOE WHELAN AND STAFF, USGS, USING GCP-33,R0, EXTRACTION OF SOIL GAS CO2 FOR STABLE ISOTOPE ANALYSIS, AND GCP-16,R4, CARBON AND OXYGEN ISOTOPE ANALYSIS. | A | ΥP |
| | ACQN/DEVL LOCATION : USGS ISOTOPE GEOCHEM | ISTRY LAB, DENVER, C | 0 | | |
| GS940408312271.005 | LABORATORY RESULTS OF CARBON 14 ANALYSIS OF GAS SAMPLES FROM BOREHOLE USW UZ-1 | 12/03/93-12/07/93 | SAMPLES SENT TO KRUGER ENTERPRISES GEOCHRON LABORATORY FOR 14C DETERMINATION | A | ΥP |
| | ACON/DEVL LOCATION : KRUEGER ENTERPRISES CAMBRIDGE, MA | Geochron Laboratory, | | | |
| GS940408312271.006 | GAS CHROMATOGRAPH ANALYSIS OF GAS CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING USW UZ-1 BOREHOLE GAS SAMPLING | 01/19/93-01/29/93 | GAS CHROMATOGRAPH SAMPLES ARE ANALYZED BY PROCEDURES OUTLINED IN HP-160, R2, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY. SAMPLES ARE DESTROYED IN ANALYSIS. | A | ΥP |
| | | | SEVERAL SAMPLES ARE TAKEN AT EACH PROBE (DEPTH) IN HOLE USW UZ-1; EACH SAMPLING TRIP IS AN AID IN DETERMINING PUMPING | | |
| | ACQN/DEVL LOCATION : USGS HYDROCHEMISTRY | LAB, DENVER, CO | BFFLGLBACI. | | |
| GS940408312271.007 | LABORATORY RESULTS OF TRITIUM VALUES FROM WATER VAPOR SAMPLES FROM BOREHOLE USW UZ-1 | 01/19/93-01/29/93 | SAMPLES SENT TO USGS NAT'L WATER QUALITY LAB FOR 3H ANALYSIS | A | YP |
| | ACON/DEVL LOCATION : USGS NWOL, DENVER, C | 10 | antina antina antina antina antina antina antina antina antina antina antina antina antina antina antina antina anti- | | , |

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| GS940408312271.008 | LABORATORY RESULTS OF CARBON 14 ANALYSIS OF GAS SAMPLES FROM BOREHOLE USW UZ-1 | 01/19/93-01/29/93 | SAMPLES SENT TO APPROVED SERVICE VENDOR LABORATORY FOR 14C DETERMINATION | A ' | ΥP | |
| | ACON/DEVL LOCATION : KRUEGER ENTERPRISES G | EOCHRON LAB, CAMBRI | DGE, MA | | | |
| GS940408312271.009 | LABORATORY RESULTS OF CARBON 13/CARBON 12 ISOTOPE RATIO FROM GAS SAMPLES FROM BOREHOLE USW UZ-1 | 01/19/93-01/29/93 | SAMPLES SENT TO USGS, BRANCH OF PETROLEUM GEOLOGY, ORGANIC GEOCHEMISTRY LABORATORY FOR CARBON 13/CARBON 12 ANALYSIS | A | ΥP | |
| | ACQN/DEVL LOCATION : USGS BR. OF PETRO. GEO | DLOGY, DENVER, CO | Alexandra Alexandra de Carlos d Alexandra de Carlos d | | | |
| GS940408312271.010 | GAS CHROMATOGRAPH ANALYSIS OF GAS CONCENTRATION OF SYRINGE SAMPLES TAKEN DURING UE-25 UZ#16 BOREHOLE GAS SAMPLING | 08/30/93-11/17/93 | GAS CHROMATOGRAPH SAMPLES ARE ANALYZED BY PROCEDURES OUTLINED IN HP-160, R2, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY. SAMPLES ARE DESTROYED IN ANALYSIS. | A : | ΥP | |
| | ACON/DEVL LOCATION : USGS UZ HYDROCHEMISTR | Y LAB, DENVER, CO | an dh' an an Anna an Anna an Anna an Anna Ann Anna Anna | | | |
| GS940408312271.011 | LABORATORY RESULTS OF CARBON 13/CARBON 12 ISOTOPES RATIO FROM GAS SAMPLES FROM BOREHOLE UE-25 UZ#16 TAKEN 8/30 - 11/17/93 | 08/30/93-11/17/93 | ANALYSIS BY JOE WHELAN AND STAFF, USGS, USING GCP-33,R0, EXTRACTION OF SOIL GAS CO2 FOR STABLE ISOTOPE ANALYSIS, AND GCP-16,R4, CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSIS. | A 3 | ΥP | |
| | ACQN/DEVL LOCATION : USGS ISOTOPE GEOCHEMIS | STRY LAB, DENVER, CO | 0 | | | |

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| DATA TRACKING NO. | SITE CHARACTERIS TITLE/DESCRIPTION | ZATION PLAN BASELIN ACQN/DEVL PERIOD | E ACQN/DEVL METHOD | D Q A U L T A O A L C I A T F T Y I I P E O E D N |
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| GS940408312271.012 | LABORATORY RESULTS OF CARBON 14 ANALYSIS OF GAS SAMPLES FROM BOREHOLE UE-25 UZ#16 | 08/30/93-11/17/93 | SAMPLES SENT TO KRUGER ENTERPRISES GEOCHRON LABORATORY FOR 14C DETERMINATION | А Ү Р |
| | ACQN/DEVL LOCATION : KRUEGER ENTERPRISES GI CAMBRIDGE, MA | EOCHRON LABORATORY, | | |
| | · · · · · · · · · · · · · · · · · · · | | n an | |
| *GS940608312271.013 | DISSOLVED CO2 CONCENTRATION (AS BICARBONATE) DATA FROM BOREHOLES UE-25 UZ #4 AND UE-25 UZ #5 | 01/01/85-01/01/86 | USGS-NWQL CENTRAL LAB ANALYTICAL METHODS USED | A N P |
| | ACON/DEVL LOCATION : USGS NWOL, DENVER, CO | | | |
| *GS940908312271.001 | THE ADSORPTION OF SULFUR HEXAFLUORIDE ONTO CRUSHED VOLCANIC TUFFS FROM YUCCA MOUNTAIN, NEVADA, BY GORDON RATTRAY, R.G. STRIEGL AND I.C. YANG | 10/01/93-08/31/94 | ANALYSIS AND INTERPRETATIONS OF DATA | DNP |
| waand da sa | | | the first of the second sec | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
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| *GS940908312271.002 | CATION EXCHANGE CAPACITY, MINERALOGY, SF6 TRACER GAS CONCENTRATION IN FLASK ATMOSPHERE, SF6 TRACER GAS SORBED ONTO SAMPLES AND CONSTANTS FOR THE FREUNDLICH | 10/01/92-12/31/93 | DATA WERE ACQUIRED USING USGS TECHNICAL PROCEDURES HP-160,R2, METHODS FOR ANALYSIS OF SAMPLES FOR GAS COMPOSITION BY GAS CHROMATOGRAPHY; HP-210,R0, METHOD FOR | АҮР |
| | ISOTHERM EQUATION AND THE RETENTION EQUATIONS ON SAMPLES FROM UE-25 UZ#4 AND UE-25 UZ#5. | | CRUSHING TUFF NEEDED FOR TRACER TESTS. CEC AND MINERALOGICAL ANALYSES ACQUIRED FROM CRYSTAL RESEARCH LABS. ADDITIONAL | |
| | | | MINERALOGICAL DATA ACQUIRED FROM THE USGS BRANCH OF GEOCHEMISTRY. (APPROVED VENDORS) | |
| | ACQN/DEVL LOCATION : CRYSTAL RESEARCH LABS USGS BRANCH OF GEOCHEI USGS, DENVER, CO | , Golden, co Mistry, denver, co | | • |
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| DATA TRACKING NO. | | | | |
| G5940908312271.014 | DENSITY, POROSITY, SURFACE AREA OF CRUSHED VOLCANIC TUFFS FROM YUCCA MOUNTAIN, NEVADA, USED IN DETERMINING THE ADSORPTION OF SULFUR HEXAFLUORIDE. | 10/01/92-12/31/93 | PROTOTYPE METHODS AS FOLLOWS: DENSITY DETERMINED BY MEASURING VOLUME & WEIGHING SAMPLE. POROSITY DETERMINED BY MEASURING VOLUME OF WATER ADDED TO ACHIEVE SATURATION. SURFACE AREA DETERMINED USING QUANTASORB SORPTION ANALYZER AND GEMINI | A N P |
| | | | 2360 SURFACE AREA ANALYZER. DETAILED DESCRIPTIONS OF PROCEDURES WILL BE FOUND IN RATTRAY ETAL, "ADSORPTION OF SULFUR HEXAFLUORIDE ONTO CRUSHED VOLCANIC TUFFS FROM YUCCA MOUNTAIN, NEVADA" | |
| ang | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| Activity - 8.3.1.2. | 2.7.2 | | | |
| GS910408312272.001 | COMPARISON OF PORE-WATER EXTRACTION BY TRIAXIAL COMPRESSION AND HIGH-SPEED CENTRIFUGATION METHODS. | 01/10/86-04/30/86 | USGS STANDARD COLLECTION METHOD | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS920408312272.002 | PRELIMINARY ISOTOPIC DATA FOR TRITIUM, CHEMICAL COMPOSITION, CARBON-14, CARBON-13, OXYGEN-18, AND DEUTERIUM IN PORE WATER IN CORES OBTAINED FROM TWO | 10/10/84-04/19/90 | CORES WERE OBTAINED BY DRY-CORING. SAMPLES WERE SUBJECTED TO SEALING AND TEMPERATURE CONTROL IN TRANSPORT; SUBJECTED TO TRIAXIAL COMPRESSION OR | ANC |
| | TEST HOLES IN PAGANY WASH, A DRY CHANNEL ON THE EAST SIDE OF YUCCA MOUNTAIN. | | HIGH-SPEED CENTIFUGATION, THEN VACUUM DISTILLATION TO OBTAIN WATER FOR ANALYSES. 3H, DEL D, AND DEL 18/O ANALYSES WERE PERFORMED. | |
| | ACON/DEVL LOCATION : ROSENTIEL TRITIUM LAB | , U. OF MIAMI, FL | | |
| 1 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - 1971 - | U OF A, TUCSON, AZ USBR, DENVER, CO USGS, DENVER, CO USGS, RESTON, VA | en e | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | T I Y P |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METROD | Ē |
| GS920508312272.003 | DATA FROM PACKAGING MATERIALS FOR CORE SEALING TESTS. TESTS UTILIZE SAMPLES FROM PROTOTYPE BOREHOLE UZP5, BOREHOLE UE-25 UZ #4, AND G-TUNNEL. | 10/10/84-09/30/91 | RECORDS KEPT OF CORE SAMPLE SEALING MATERIALS AND EXPERIMENTAL METHODS USED I PACKAGING FOR TRANSPORT AND STORAGE. | A 1 N |
| | ACQN/DEVL LOCATION : G-TUNNEL UE-25 UZ #4 UZP5, APACHE LEAP TES | T SITE, AZ | | <u>.</u> |
| *GS920508312272.004 | WEIGHT & MOISTURE CONTENT DATA FROM PACKAGING MATERIALS CORE SEALING TESTS. TESTS UTILIZE SAMPLES FROM PROTOTYPE BOREHOLE UZP5, UE-25 UZ #4, AND G-TUNNEL. | 10/10/84-09/30/91 | MOISTURE CONTENT WAS CALCULATED GRAVIMETRICALLY. SAMPLES WERE SUBJECTED T SEALING AND TEMPERATURE CONTROL IN TRANSPORT AND STORAGE AND WERE WEIGHED PERIODICALLY. | Ю |
| | ACON/DEVL LOCATION : G-TUNNEL UE-25 UZ #4 USGS, DENVER, CO UZP5, ALTS, AZ | | | |
| 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. | 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 I PROCESS. | a In |
| | ACON/DEVL LOCATION : HUFFMAN LABS, GOLDEN, ROCKY MOUNTAIN ANALY | CO MICAL LABS, WHEATRIN | DGE, CO | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| **GS920908312272.011 | "FLOW AND TRANSPORT THROUGH UNSATURATED ROCKDATA FROM TWO TEST HOLES , YUCCA MOUNTAIN ,NEVADA," BY I.C.YANG | 01/01/89-04/01/92 | INTERPRETING DATA RESULTS FROM UE-25U2#4 AND UE-25U2#5 AS IDENTIFIED. TRITIUM (3H) AND CHEMISTRY DATA WERE ANALYZED AND INTERPRETED. CARBON ISOTOPES ARE ALSO EXAMINED. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS921208312272.015 | EFFECTS OF CORE SEALING METHODS ON THE PRESERVATION OF PORE WATER, BY PETE STRIFFLER AND CHARLES A. PETERS | 10/01/90-12/01/92 | CORES REMOVED FROM BOREHOLES WERE SUBJECTED TO EXPERIMENTAL SEALING METHODS | DNC |
| | | | 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. | ·. |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930508312272.001 | RADIOCARBON DATES V, BY I.C. YANG. RESULTS OF MEASUREMENTS OF 172 RADIOCARBON SAMPLES MADE BETWEEN JANUARY, 1983, AND DECEMBER, 1985. | 01/01/88-07/11/88 | RADIOCARBON DATES MEASURED AT ISOTOPE LABORATORY OF USGS AND CALCULATED RELATIVE TO PDB LIMESTONE STANDARD (CRAIG, H., 1957, ISOTOPIC STANDARDS FOR CARBON AND OXYGEN FACTORS FOR MASS-SPECTOMETRIC ANALYSIS OF CARBON DIOXIDE: GEOCHIM ET | DNC |
| | | | COSMOCHIM ACTA, V. 12). TOTAL ALKALINITY CARBONATE VALUES DETERMINED USING TECHNIQUE OF BROWN, E., AND OTHERS, 1970, | |
| | | | USGS TECHNIQUES OF WATER-RESOURCES INVESTIGATION: BOOK 5, CHAP. A1. | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | | • N |
| GS930608312272.002 | PERMEABILITY AND PORE-FLUID CHEMISTRY OF THE BULLFROG TUFF IN A TEMPERATURE GRADIENT: SUMMARY OF RESULTS BY J. BYERLEE, C. MORROW, AND D. MOORE. | 01/01/82-01/01/83 | VARIATIONS IN PERMEABILITY WERE DETERMINED FROM MEASURED CHANGES IN THE MASS FLOW RATE OVER A CONSTANT PORE-PRESSURE DIFFERENTIAL. FORE-FLUID CHEMISTRY ANALYSES INCLUDE: SILICA BY STANDARD | DN | I C |
| e de la composition de | | an an tha an the | SPECTROPHOTOMETRIC METHODS, CATIONS BY ATOMIC ABSORPTION, TOTAL DISSOLVED INORGANIC CARBON BY CARBON ANALYZER, ANIONS BY ION CHROMATOGRAPHY, DISSOLVED SPECIES USING SOLMNEQ PROGRAM (KHARAKA ET AL, 1973). COMPLETE BIBLIOGRAPHIC | | |
| | ACON/DEVI LOCATION : USGS, DENVER, CO | | CITATIONS IN REPORT. | | |
| GS930708312272.004 | ROCK-WATER INTERACTION IN ASH-FLOW TUFFS (YUCCA MOUNTAIN, NEVADA, U.S.A.) THE RECORD FROM URANIUM STUDIES, BY ROBERT A ZIELINSKI, CHARLES A. BUSH, RICHARD W. SPENGLER, AND BARNEY J. SZABO | 01/01/85-01/01/86 | CRUSHED CORE SAMPLES ANALYZED FOR TH, K, AND RADIUM- EQUIVALENT URANIUM BY GAMMA RAY SPECTROMETRY (BUSH, 1966, 1967, AND 1981). SPLITS OF EACH SAMPLE ANALYZED FOR U AND TH DETERMINATION BY DELAYED NEUTRON TECHNIQUE (MILLARD AND KEATON, 1982, PRECISION OF U AND TH DETERMINATION BY DELAYED NEUTRON COUNTING) AND FOR MAJOR ELEMENTS BY XRF (TAGGART AND OTHERS, 1981, USGS PROFESSIONAL PAPER 1250). DISTRIBUTION IN THIN SECTION BY FISSION-TRACK METHOD. LEACHATES WERE ANALYZED BY OPTICAL EMISSION SPECTROMETRY. | DI | T C |
| | ACON/DEVL LOCATION : USGS. DENVER. CO | но страниција 1997 - Селонија 1997 - Селонија Селонија 1997 - Селонија Селонија | ANALIZED BI OFTICAL EMISSION SPECTROMETRI. ISOTOPIC COMPOSITIONS OF U AND TH IN OPAL AND CALCITE BY RADIO-ISOTOPE DILUTION, ALPHA SPECTROMETRIC TECHNIQUE (ROSHOLT, 1980, USGS OFR 80-1087). COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. | | |
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| GS930708312272.006 | PERMEABILITY AND FLUID CHEMISTRY STUDIES OF THE TOPOPAH SPRING MEMBER OF THE PAINTBRUSH TUFF, NEVADA TEST SITE: PART II, BY D.E. MOORE, C.A. MORROW, AND J.D. BYERLEE. | 01/01/83-01/01/84 | THREE EXPERIMENTS WERE PERFORMED TO TEST THE EFFECT OF PORE PRESSURE, SAMPLE ORIENTATION, AND FLOW DIRECTION ON PERMEABILITY AND PORE-FLUID CHEMISTRY. VARIATIONS IN PERMEABILITY WITH TIME DETERMINED FROM MEASURED CHANGES IN MASS FLOW RATE WHILE PORE PRESSURE GRADIENT HELD CONSTANT. CALCULATION PROCEDURES DESCRIBED IN MORROW, ET.AL. (1984) AND MOORE, ET.AL. (1984). SAMPLE FLUIDS COLLECTED DURING TESTING WERE ANALYZED USING TECHNIQUES DESCRIBED IN MOORE (OP.CIT.) AND "SOLMNEQ" PROGRAM (KHARAKA AND BARNES, 1973). COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. | DNC | |
| | ACON/DEVI. LOCATION : USGS MENLO PARK CA | | | | |
| · · · · | ing , 222 Louison . Obes, Mando Frank, CA | | | | |
| *GS940908312272.001 | DEVELOPMENT OF THE ONE-DIMENSIONAL COMPRESSION METHOD FOR EXTRACTION OF PORE WATER FROM UNSATURATED TUFF, BY J.D. HIGGINS, P.A. BURGER, I.C. YANG, T.E. MOWER | 01/01/94-08/01/94 | ANALYSIS AND INTERPRETATION OF PORE-WATER DATA TO DETERMINE EFFECTIVENESS OF ONE-DIMENSIONAL COMPRESSION TECHNIQUES. | DNP | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | a selection de la construction de l Construction de la construction de l | | |
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| *GS940908312272.002 | CORE PORE WATER MECHANICAL DATA FOR PORE WATER EXTRACTION BY ONE DIMENSIONAL CORE COMPRESSION AND HIGH PRESSURE ONE DIMENSIONAL CORE COMPRESSION DATA FOR BOREHOLES USW UZ-14 AND UE-25 UZ#16 | 11/01/92-02/28/94 | ONE DIMENSIONAL CORE COMPRESSION AND HIGH PRESSURE ONE DIMENSIONAL CORE COMPRESSION TESTING TO EXTRACT CORE PORE WATERS. USGS TECHNICAL PROCEDURES HP-223, R0, METHOD FOR PORE-WATER EXTRACTION USING | АҮР | |
| na an an an Arra. An an Arra | | | METHOD FOR PORE-WATER EXTRACTION USING HIGH-PRESSURE ONE-DIMENSIONAL COMPRESSION; | · · | |
| | n an | | HP-268, R0, METHOD FOR CORE PREPARATION FOR PORE-WATER EXTRACTION BY ONE-DIMENSIONAL COMPRESSION METHODS. | | |
| | ACON/DEVIL LOCATION + USGS DENVER CO | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | |
| Activity - 8.3.1.2. | 2.8.1 | | | |
| GS910908312281.001 | PERMEABILITY OF A FRACTURE WITH CYLINDRICAL ASPERITIES BY SUNIL KUMAR, ROBERT ZIMMERMAN AND GUDMUNDUR BODVARSSON. | 10/01/90-12/31/90 | DEVELOPMENT OF MATHEMATICAL EXPRESSIONS | DNC |
| | ACQN/DEVL LOCATION : LAWRENCE BERKELEY LAB | S, BERKELEY | | |
| GS911008312281.002 | SCIENTIFIC REPORT ENTITLED "FRACTAL CHARACTERISTICS OF FRACTURE ROUGHNESS AND APERTURE DATA", BY SUNIL KUMAR, GUDMUNDUR BODVARSSON, AND JIM BOERNGE | 03/01/89-09/30/89 | A COMPLETE DESCRIPTION OF THE HOT COLLECTION METHOD IS OUTLINED IN THE PAPER ENTITLED "ASSESSMENT OF FRACTURE-SAMPLING TECHNIQUES FOR LABORATORY TESTS ON CORE", BY G.R. SEVERSON AND J.M. BOERNGE. THIS PACKAGE IS LISTED UNDER TRANSMITTAL NO. HIP-91-0192 IN THE LOCAL RECORDS CENTER. | ANC |
| | ACQN/DEVL LOCATION : G-TUNNEL, NEVADA TEST | SITE | | |
| GS930708312281.001 | PRELIMINARY NUMERICAL SIMULATIONS OF GROUNDWATER FLOW IN THE UNSATURATED ZONE, YUCCA MOUNTAIN, NEVADA, BY J. RULON, G.S. BODVARSSON, AND P. MONTAZER. | 01/01/85-04/22/86 | A SERIES OF STEADY-STATE, TWO-DIMENSIONAL NUMERICAL SIMULATIONS OF LIQUID WATER FLOW WERE PERFORMED USING "TOUGH" (TRANSPORT OF UNSATURATED GROUNDWATER AND HEAT, PRUESS, 1983). SIMULATIONS INCLUDE: 1) MATRIX-FLOW 2) FRACTURE-FLOW 3) FRACTURE-MATRIX FLOW. MODEL USES THE INTEGRAL FINITE-DIFFERENCE METHOD (EDWARDS, 1969, NARASIMHAN AND WITHERSPOON, 1976). SIMULTANEOUS | DNC |
| e e e e e e e e e e e e e e e e e e e | | | SOLUTIONS USING NEWTON-RAPHSON ITERATION. LINEARIZED EQUATIONS SOLVED USING DIRECT MATRIX SOLVER (DUFF, 1977). WATER PROPERTIES CALCULATED USING INTERNATIONAL FORMULATION COMMITTEE EQUATIONS (1967). AIR PROPERTIES CALCULATED USING IDEAL GAS AND HENRY'S LAW. LIQUID WATER FLUX USING DARCY'S LAW. COMPLETE BIBLIOGRAPHIC CITATIONS IN DEPORT | |
| | ACON/DEVI. LOCATION : LBL. BERKELEY. CA | · · · · | CTRITORD IN WEART. | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| *GS940908312281.001 | ACCURACY AND EFFICIENCY OF A SEMI-ANALYTICAL DUAL-POROSITY SIMULATOR FOR FLOW IN UNSATURATED FRACTURED ROCK MASSES, BY ROBERT W. ZIMMERMAN, GANG CHEN AND GUDMUNDUR S. BODVARSSON | 01/01/92-09/30/93 | THE COMPUTER CODE TOUGH (K. PRUESS, LBL-20700, TOUGH USER'S GUIDE) WAS USED TO PERFORM 1-D NUMERICAL SIMULATIONS. INPUT PARAMETERS WERE TAKEN FROM PRUESS, WANG, AND TSANG (LBL-20778, SAND 86-7000, NNA.870916.0005) AS WELL AS SOURCE LISTED BELOW. ALSO USED THE CAPILLARY PRESSURE AND PERMEABILITY CURVES PROPOSED BY M.T. VAN GENUCHTEN (SOIL SCI. SOC. AMER. J., 1980, P. 892). | DNP |
| | ACON/DEVL LOCATION : LAWRENCE BERKELEY LA | BORATORY, BERKELEY, | CA | |
| Activity - 8.3.1.2. | 2.9.1 ¹ | | | |
| GS930408312132.010 | HYDROLOGY, BY W.E. WILSON FY 1982 Report | 01/01/83-01/01/84 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM HYDRAULIC TESTS AND PALEOHYDROLOGIC STUDIES INCLUDING POTENTIOMETRIC LEVELS, TRANSMISSIVITY, WATER CHEMISTRY, AND CARBON-14 DATING. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO. | | | |
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| 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 | DNC |
| | en e | | STUDIES INCLUDING GROUNDWATER CHEMISTRY, MINERALOGY, X-RAY DIFFRACTION, TEMPERATURE AND CLIMATE. | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO. | | | |
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| ATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | |
| s930408312291.001 | CONCEPTUAL HYDROLOGIC MODEL OF FLOW IN THE UNSATURATED ZONE, YUCCA MOUNTAIN AREA, BY P. MONTAZER AND W.E. WILSON. | 01/01/84-12/04/84 | CONCEPTUAL MODEL FOR UNSATURATED ZONE DEVELOPMENT BASED ON 1) HYDROGEOLOGIC FRAMEWORK, 2) APPLICATION OF PRINCIPLES OF UNSATURATED FLOW THROUGH FRACTURED ROCKS, RETARDATION OF FLOW BY CAPILLARY BARRIERS, LATER FLOW AND VAPOR FLOW, AND 3) PRELIMINARY DATA OBTAINED IN FIELD INVESTIGATIONS. ANALYSIS OF GEOTHERMAL | DN |
| | | | HEAT FLOX IS USED TO INDIRECTLY ESTIMATE RECHARGE; TECHNIQUE OF SASS, AND OTHERS, 1980, USGS OFR 80-826, AND SASS AND LACHENBRUCH, A.H., 1982, USGS OFR 82-973. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| 35930508312132.012 | HYDROLOGY, BY D.I. LEAP FY 1979 Report | 01/01/81-01/01/82 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM PALEOHYDROLOGICAL, MINERALOGICAL, AND GEOPHYSICAL STUDIES. | DN |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| 38930508312132.015 | HYDROLOGY, BY W.E. WILSON FY 1981 Report. | 01/01/82-01/01/83 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL, HYDROLOGICAL, AND GEOPHYSICAL STUDIES INCLUDING STRATIGRAPHY, PALEOHYDROLOGY, WATER CHEMISTRY, RADIONUCLIDE TRANSPORT AND CLIMATE. | D- N |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | Y I I P E O E D N |
| GS930608312291.002 | U.S. GEOLOGICAL SURVEY IN YUCCA MOUNTAIN: GEOSCIENTISTS HELP MAKE 10, 000-YEAR DECISION, BY W.W. DUDLEY, JR. HYDROGEOLOGICAL CHARACTERIZATION OF YUCCA MOUNTAIN AREA ACQN/DEVL LOCATION : USGS, DENVER, CO | 01/01/88-10/29/88 | SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED MATERIAL. | DNC |
| GS930708312291.003 | MULTIDISCIPLINARY HYDROLOGIC INVESTIGATIONS AT YUCCA MOUNTAIN, NEVADA, BY WILLIAM W. DUDLEY, JR. ACQN/DEVL LOCATION : USGS, DENVER, CO | 01/01/89-02/05/90 | SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED MATERIAL. | DNC |
| GS930808312291.004 | HYDROGEOLOGY OF THE UNSATURATED ZONE, YUCCA MOUNTAIN, NEVADA, BY PARVIZ MONTAZER AND WILLIAM E. WILSON ACON/DEVL LOCATION : USGS, DENVER, CO | 01/01/85-10/04/85 | HYDROLOGIC CONCEPTUALIZATION DEVELOPED USING ASSUMPTIONS, SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED MATERIAL. | DNC |
| GS930908312291.005 | ESTIMATION OF UNSATURATED ZONE LIQUID WATER FLUX AT BOREHOLES UE-25 UZ44, UE-25 UZ45, USW UZ-7, AND USW UZ-13, YUCCA MOUNTAIN, NEVADA, FROM SATURATION AND WATER FOTENTIAL PROFILES BY EDWARD M. KWICKLIS, ALAN L. FLINT, AND R.W. HEALY. | 09/01/92-05/30/93 | ESTIMATES WERE MADE OF LIQUID FLUX AT 4 BOREHOLE LOCATIONS USING MEASURED WATER POTENTIALS AND CONSTRUCTED SATURATION PROFILES AND ESTIMATES OF EFFECTIVE HYDRAULIC CONDUCTIVITY PROVIDED BY THE VAN GENUCHTEN HYDRAULIC FUNCTIONS. SATURATION AND FLUX CALCULATIONS PERFORMED USING LOTUS 1-2-3. | D N C |
| n an | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |

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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 | 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 & | DNP |
| | | | HEALY, ISOTOPE DATA FROM YANG. | |
| e station and a station of the | ACON/DEVL LOCATION : USGS, DENVER, CO | | | 1.21 |
| Activity - 8.3.1.2. | 2.9.3 | | | |
| GS930208312293.001 | GEOMETRICAL DATA FOR THE A-A' CROSS SECTION FROM THE LBL/USGS SITE-SCALE MODEL OF YUCCA MOUNTAIN. COLOR FIGURE OF GEOMETRY AND HYDROGEOLOGICAL UNIT IN CROSS SECTION A-A'. A TABLE WITH PROPERTY DATA CURPENTLY USED IN THE | 01/01/90-01/01/93 | THE GEOMETRIC DATA WERE PRODUCED BY A GRID GENERATOR. | DNC |
| | SITE-SCALE MODEL. | 4 71-1 | | |
| an a | ACQN/DEVL LOCATION : LBL, BERKELEY, CA | | | |
| GS930308312293.002 | STUDIES OF THE ROLE OF FAULT ZONES ON FLUID FLOW USING THE SITE-SCALE NUMERICAL MODEL OF YUCCA MOUNTAIN, BY C.S. WITTWER, G. CHEN AND G.S. BODVARSSON. | 10/01/92-01/25/93 | COMPUTER CODE TOUGH2 (K. PRUESS, TOUGH2 - A GENERAL-PURPOSE NUMERICAL SIMULATOR FOR MULTIPHASE FLUID AND HEAT FLOW, LBL-29400 (1990)) PRODUCED 2-D SIMULATIONS FROM GEOMETRICAL AND MECHANICAL INPUT DATA. OTHER METHODS USED INCLUDE: BROOKS & COREY (1966); M.TH. VAN GENUCHTEN, A CLOSED-FORM EQUATION FOR PREDICTING THE HYDRAULIC CONDUCTIVITY OF UNSATURATED SOILS, (1980); | DNC |
| | | | E.A. KLAVETTER AND R.R. PETERS, ESTIMATION OF HYDROLOGIC PROPERTIES OF AN UNSATURATED FRACTURED ROCK MASS, SAND84-2642; SCALING RELATIONSHIP PROPOSED IN J.S.Y. WANG, PROC. 3RD IHLRWMC, (1992). COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. | |
| | ACQN/DEVL LOCATION : LAWRENCE BERKELEY LA | BS, BERKELEY, CA | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| GS940508312293.001 | PRELIMINARY ANALYSIS OF THREE-DIMENSIONAL MOISTURE FLOW WITHIN YUCCA MOUNTAIN, NEVADA | 09/21/93-02/17/94 | COMPUTER CODE TOUGH2 (K. PREUSS, "TOUGH2 - A GENERAL-PURPOSE NUMERICAL SIMULATOR FOR MULTIPHASE FLUID AND HEAT FLOW" LBL-29400) ALONG WITH THE THREE-DIMENSIONAL SITE SCALE MODEL WERE USED TO CALCULATE DISTRIBUTIONS OF WATER SATURATION, CAPILLARY PRESSURE AND GROUND WATER FLUX. NOTE: THE VAN GENUCHTEN PARAMETERS WHICH ADE HEAD IN FEACTURE WYDDOLOGY ADE DEDINED | DNP |
| | | | ARE USED IN FRACTORE HIDROLOGY ARE DERIVED FROM RELATIVE PERMEABILITY AND WATER RETENTION. | |
| | ACON / DEVT. I OCATION . I ANDENCE DEDKETEY I | | and a second | · · · · |
| Activity - 8.3.1.2. | 3.1.2 | | | |
| **GS900908312312.001 | GEOHYDROLOGIC AND DRILL-HOLE DATA FROM TEST WELL USW H-3, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY WILLIAM THORDARSON, F.E. RUSH, R.W. SPENGLER, AND S.J. WADDELL | 01/01/83-02/28/84 | USGS STANDARD COLLECTION METHODS. | DNT |
| | ACON / DEVIL LOCATION + HEGS DENVED CO | • | | |
| · · | ACM/DEVE DOCATION : USUS, DENVER, CO | | | |
| **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. | 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. | DNT |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| | a an | e a constante de la constante d | an an Arthur (1997). An Anna Arthur (1997) an Anna Anna Anna Anna Anna Anna Anna | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | ALC |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PECEDN |
| **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. | 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. | 5 A Y C R |
| | 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 #1 UE-25C #3 UE-25P #1 USW G-3 USW H-1 USW H-3 USW H-4 USW H-6 USW WT-11 USW WT-2 | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACON/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| **GS910408312312.004 | 1991 WATER LEVEL NET Records all data acq Water-level measurem Sites on or near yuc This is the first qu | WORK LOGBOOK. UIRED FROM MANUAL ENTS TAKEN AT WELL CA MOUNTAIN, NEVADA. JARTER DATA ONLY. | 01/01/91-04/02/91 | PLEASE REFER TO THE FOLLOWING TECHNICAL PROCEDURES FOR DETAILS CONCERNING OUR COLLECTION PROCESSES: HP-75, REVISION 1, HP-25, REVISION 1, HP-60, REVISION 1. | АХС |
| | ACQN/DEVL LOCATION : | J-11 J-12 J-13 UE25 UZN-2 UE29A-1 UE29A-2 USW G-4 USW H-1 USW H-1 USW WT-1 USW WT-1 USW WT-1 USW WT-14 USW WT-15 USW WT-17 USW WT-18 USW WT-2 USW WT-2 USW WT-3 USW WT-4 USW WT-5 USW WT-6 USW WT-7 UZN 2-9 VH-1 | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | PE ED | 0 N - |
| 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. | АЧ | с |
| | 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 #3 UE-25 WT #4 USW VH-1 USW WT-1 USW WT-10 USW WT-7 WATER WELL J-13 | | | | • |
| GS910508312312.006 | RAW DATA COLLECTED FROM THE CONTINOUS 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. | 01/01/85-12/31/88 | 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. | A N | с |
| an An an an an Arthur | ACQN/DEVL LOCATION : UE-25 WT #13 UE-25 WT #16 UE-25 WT #6 UE-25C #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 | an An Anna an Anna Anna An Anna Anna Ann | | | |

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| | SITE CHARACTERIZATION PLAN BASELINE | | | | |
| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACON/DEVL PERIOD | ACQN/DEVI. METHOD | P E O E D N |
| | | USW WT-2 | | | |
| **GS910708312312.007 | 1991 WATER-LEVEL NET RECORDS ALL DATA ACQ WATER-LEVEL MEASUREM SITES ON OR NEAR YUC THIS IS SECOND QUART | WORK LOGBOOK. UIRED FROM MANUAL ENTS TAKEN AT WELL CA MOUNTAIN, NEVADA. ER DATA ONLY. | 03/29/91-06/26/91 | PLEASE REFER TO THE FOLLOWING TECHNICAL PROCEDURES FOR DETAILS CONCERNING OUR COLLECTION PROCESS - HP-75, R1, HP-25, R1, HP-60, R1. | AYC |
| | ACON/DEVIL LOCATION : | UE25B-1 UE25C-2 UE25C-3 UE25P-1 UE25WT-13 UE25WT-16 UE25WT-6 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2 | | | |
| **GS911008312312.008 | PERIODIC WATER-LEVEL IN THE YUCCA MOUNTAI 1991. THIRD QUARTER | MEASUREMENTS TAKEN N AREA, NEVADA, ONLY. | 07/02/91-09/30/91 | MANUAL WATER-LEVEL MEASUREMENTS MADE AT VARIOUS BOREHOLES IN THE YUCCA MOUNTAIN AREA. MEASUREMENTS MADE USING STEEL TAPES OR MULTICONDUCTOR CABLE UNITS. | AYC |
| | ACON/DEVL LOCATION : | J-11 J-12 | | | |
| er alter er e | Forward Association (Construction) and the second secon | J-13 UE25B#1 USW H-3 WT-1 | | | |
| | | WT-10 WT-12 WT-13 WT-15 WT-15 WT-17 WT-18 | | na an a | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | E D N |
| | | WT-7 | | | |
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| **GS920208312312.003 | 1991 PERIODIC WATER- TAKEN AT VARIOUS BOR MOUNTAIN AREA. FOUR DATA ONLY. | LEVEL MEASUREMENTS EHOLES IN THE YUCCA TH QUARTER OF 1991 | 09/30/91-12/31/91 | HP 25, R1:HP-26, R1; AND HP-75, R1. Manual Water-Level measurements taken with Either Steel tapes or a multiconductor Cable Unit. | A Y C |
| | ACQN/DEVL LOCATION : | J-11 | | | |
| | | J-12 J-13 Test Well B UE-5N | | | |
| | | UE25 WT-12 | | | |
| | | UE25 WT-14 UE25 WT-15 | | | |
| | | UE25 WT-17 | | | |
| | | UE25 WT-3 | | | |
| | | UE25 WT-4 UE25P #1 | | n Alexandra (1997) and a second s Second second | |
| | | USW H-1, TUBE 2 | | | |
| | | USW H-3 USW H-5 | | | |
| | | USW WT-1 | | | |
| | | USW WT-7 | | | |
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| **GS920208312312.004 | 1991 DATA COLLECTION WATER-LEVEL AND RELA IN THE VICINITY OF Y | , CONTINUOUS METHOD. TED DATA COLLECTED UCCA MOUNTAIN. | 01/01/91-01/24/92 | HP-25, R1; HP-26, R1; HP-60, R1; HP-71, R0; HP-75, R1; AND HP-196T, R0. | A.Y C |
| | ACON/DEVL LOCATION : | UE25 WT #13 UE25 WT #16 UE25 WT #6 UE25B #1 | | | ÷ , |
| a company of a second | | UE25P #1 | | | , |
| | | USW H-1 USW H-3 USW H-4 USW H-5 | | · · · · · · · | 7 |
| | | USW H-6 | | | |
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| | | SITE CHARACTER | IZATION PLAN BASELIN | NE | IA |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACON/DEVL METHOD | EDN |
| ********************* | | | | | |
| | | USW WT-11 USW WT-2 | | | |
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| **GS920208312312.005 | 1991 WATER-LEVEL DAT FORMATS: ANALOG CHAP MILLIVOLT VALUES FRO | TA IN THE FOLLOWING AT RECORDER, RAW OM TRANSDUCERS | 12/12/91-12/19/91 | WATER-LEVEL DATA COLLECTED USING THE Following procedures: HP-60, R1 "Method For Monitoring Water-Level Changes Using | DYC |
| e en | MILLIVOLT VALUES FR (GRAPHICAL AND NUMER REGRESSION ANALYSES CALIBRATIONS (LOGBOC COPIES OF LOGBOOK PA OBTAINED FROM MANUAL MEASUREMENTS TAKEN V AND/OP MULTICONDUCTO | AT TRANSDUCERS (ICAL FORM), OF TRANSDUCER DK PAGES ATTACHED), AGES CONTAINING DATA L WATER-LEVEL WITH STEEL TAPES DR CABLES | | PRESSURE TRANSDUCERS"; HP-71, R1 "METHOD FOR MONITORING WATER-LEVEL CHANGES USING A CAMPBELL SCIENTIFIC 21X MICROLOGGER;" HP-25, R1 "METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR"; HP-75, R1 "METHOD FOR MEASURING WATER LEVELS IN WELLS USING REELED (2600 AND | · . |
| | AND/OR HOLIICONDUCI | | | 2800 FOOT) STEEL TAPES"; HP-221T, RO "MONITORING THE WATER-LEVEL OR FLUID PRESSURE RESPONSE TO UNE'S OR | |
| | | and an | | EARTHQUAKES"; AND HP-196T, RO "METHOD FOR Collecting water level data using data | |
| | | | | COLLECTION PLATFORMS." REGRESSION ANALYSES | 1 |
| | | | | PERFOMRED USING STANDARD STATISTICAL | |
| | | | | TECHNIQUES. | |
| | NON OF TOCHTON | . 7-11 | | | |
| | ACQN/DEVI DOCRITON . | J-12 WATER WELL TEST WELL B HE-25 WT \$13 | | | |
| | 4 | UE-25 WT #16 UE-25 WT #18 | | | |
| | | UE-25 WT #6 | | | |
| | | UE-238 #1 | | | |
| | | UE-5N | | | |
| | | USW G-3 | | | |
| | | USW H-1 USW H-3 USW H-4 | · | | |
| والمتعارفة والمراجع والمتعالية والمتعارفة والمتعارفة والمتعارفة والمتعارفة والمتعارفة والمتعارفة والمتعارفة | | USW H+6 | ••••• | · · · · · · · · · · · · · · · · · · · | |
| u ana 10 maria - Analas Interna. An | and to the second states | USW WT-11 USW WT-2 WATER WEIT 1-12 | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PE ED |
| GS920408312312.007 | MANUAL WATER-LEVEL COLLECTED AT WELLS MOUNTAIN, NEVADA. 1992. | MEASUREMENT DATA ON OR NEAR YUCCA FROM PERIODIC LOGBOOK | 01/02/92-04/06/92 | USGS HP-26, R1, USGS HP-75, R1 AND USGS HP-25, R1. MEASUREMENTS MADE USING STEEL TAPE. | ΑY |
| n san sa | ACQN/DEVL LOCATION | : J-11 J-12 J-13 TEST WELL B UE-25 WT #12 UE-25 WT #13 UE-25 WT #14 | | | |
| n shekara ngayar | | UE-25 WT #15 UE-25 WT #16 UE-25 WT #17 UE-25 WT #18 UE-25 WT #3 UE-25 WT #4 UE-25 WT #6 UE-25B #1 UE-25C #1 | | | , |
| ···· · · · · | | UE-25C #2 UE-25C #3 UE-25P #1 UE-5N USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW VH-1 USW WT-1 USW WT-10 USW WT-11 USW WT-2 | | | 1990 - 1994 1990 1990 - 1990 1990 - 1990 |

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| DATA TRACKING NO | TTTT & /DZCCD I DTTAN | | LON DELE REPLOT | | TFT YII PEO |
| | | | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | E D N |
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| GS920508312312.008 | SELECTED WATER LEVEL DA THE YUCCA MOUNTAIN AREA J-12, J-13, VH-1, UE-25 WT#15, UE-25P#1 FOR THE 1992. | TA FROM WELLS IN A. WELLS J-11, 5 WT#13, UE-25 2 FIRST QUARTER, | 01/02/92-03/31/92 | HP-60, R1 AND HP-75, R1. CALIBRATION REGRESSIONS DONE USING STANDARD STATISTICAL CALCULATIONS. RAW WATER-LEVEL MEASUREMENTS CONVERTED TO DEPTH-TO-WATER BELOW LAND SURFACE USING WORKSHEETS. WORKSHEETS ARE SELF-EXPLANATORY. | РҮС |
| | ACQN/DEVL LOCATION : J- J- UE UE UE UE US | 11 12 13 -25 WT#13 -25 WT#15 -25P#1 W VH-1 | | · · · · · · · · · · · · · · · · · · · | |
| GS920608312312.009 | WATER LEVELS IN PERIODI WELLS IN THE YUCCA MOUN NEVADA, 1988, BY JAMES | CALLY MEASURED ITAIN AREA, M. GEMMELL | 01/01/89-05/18/90 | RAW WATER-LEVEL MEASUREMENTS CORRECTED FOR 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. | DNT |
| | ACON/DEVL LOCATION : US | GS, DENVER, CO | | | |
| **GS920608312312.010 | MANUAL WATER-LEVEL MEAS Collected from Wells in Mountain Area, 1990. | UREMENTS DATA THE YUCCA | 01/01/90-12/31/90 | SELECTION OF MANUAL WATER-LEVEL MEASUREMENTS. DATA WERE COLLECTED USING REELED STEEL TAPES (HP-75) AND MULTICONDUCTOR CABLE UNITS (HP-25) | AYC |
| | ACQN/DEVL LOCATION : J- J- | 11 12 WATER WELL | | | |
| | te: Ue: Ue: Ue: | ST WELL B -25 WT #12 -25 WT #13 -25 WT #14 | | | |
| | UE. UE. UE. UE. | -25 WT #15 -25 WT #16 -25 WT #17 -25 WT #18 | an a | | н - с |
| | UE | -25 WT #3 | | | |

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| ATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PE ED |
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| | | UE-25 WT #4 UE-25 WT #6 UE-25C #1 UE-25C #2 UE-25C #3 UE-25C #3 UE-25P #1 UE-5N USW G-3 | | | |
| | | USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 | | | |
| | | USW VH-1 USW WT-1 USW WT-1 | | | |
| | | USW WT-11 USW WT-2 USW WT-7 WATER WELL J-13 | | | |

GS920608312312.011 PRECISION AND ACCURACI WATER-LEVEL MEASUREMENTS TAKEN IN THE YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, 1988-90, BY M.S. BOUCHER

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ACON/DEVL LOCATION : USGS, DENVER, CO

WATER-LEVEL MEASUREMENTS TAKEN WITH STEEL TAPES OR MULTICONDUCTOR CABLES UNITS. ACCURACY DATA DERIVED FROM STEEL TAPE AND MULTICONDUCTOR CABLE UNIT CALIBRATION DATA. SEE HP-25, R1, HP-26, RO AND R1, HP-75, RO AND R1.

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| | SITE CHARAC | CTERIZATION PLAN BASELIN | IE | IA |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | TFT YII PEO EDN |
| GS920708312312.012 | MANUAL WATER LEVEL MEASUREMENT DATA COLLECTED IN THE YUCCA MOUNTAIN AREA, NEVADA, 1988. RAW DATA IN THE FORM OF LOGBOOKS. | 01/01/88-12/31/88 F | WATER-LEVEL DATA COLLECTED USING HP-75, RO METHOD FOR MEASURING WATER LEVELS IN WELL: USING REELED (2600 FT AND 2800 FT) STEEL TAPES AND HP-25, RO AND R1, METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR CABLE. | , ANC 3 |
| e sa sa | ACQN/DEVL LOCATION : UE-25 WT #12 UE-25 WT #14 UE-25 WT #15 UE-25 WT #15 UE-25 WT #17 UE-25 WT #4 USW WT-1 USW WT-10 USW WT-7 WATER WELL J-13 | | | |
| GS920708312312.013 | DATA RESULTING FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN AT WELL SITES ON OF AROUND YUCCA MOUNTAIN, NEVADA, SECOND QUARTER, 1992 | L 04/03/92-06/25/92 R | SEE TECHNICAL PROCEDURES HP-26,R1, METHOD FOR CALIBRATING WATER-LEVEL MEASUREMENT EQUIPMENT USING THE REFERENCE STEEL TAPE; HP-25,R1, METHOD FOR MEASURING WATER LEVEN USING A PORTABLE MULTICONDUCTOR; HP-75,R1, DIATOM ENUMERATION STUDIES. | AYC |
| | ACQN/DEVL LOCATION : JF-3 TEST WELL B UE-25 B #1 UE-25 C #1 UE-25 C #2 UE-25 C #3 UE-25 VT #12 UE-25 WT #12 UE-25 WT #13 UE-25 WT #14 UE-25 WT #15 UE-25 WT #16 | | | |
| | UE-25 WT #17 UE-25 WT #18 UE-25 WT #3 UE-25 WT #4 UE-25 WT #6 | | | |

| | SITE CHARACTERIZATION PLAN BASELINE | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD E D N | | |
| | UE-29 A #1 UE-29 A #2 UE-29 UZN #91 UE-5N USW G-3 USW H-1 USW H-3 USW H-4 USW H-6 USW WT-1 USW WT-1 USW WT-10 USW WT-10 USW WT-11 USW WT-2 USW WT-7 WELL J-11 WELL J-12 WELL J-13 WELL VH-1 | | | | |
| G5920808312312.014 | WATER-LEVEL DATA CONSISTING OF: LOGBOOK PAGES CONTAINING RAW DATA FROM MANUAL MEASUREMENTS, WATER-LEVEL DATA WORKSHEETS, CALIBRATION REGRESSIONS AND CORRESPONDING LOGBOOK PAGES. DATA FROM SPECIFIC WELLS FOR 2ND QUARTER, 1992. | 04/01/92-06/30/92 | CONVERSION OF RAW WATER-LEVEL DATA TO TRUE D Y C DEPTHS-TO-WATER AND THE CALIBRATION REGRESSIONS WERE COMPLETED USING STANDARD MATHEMATICAL EQUATIONS. | | |
| · · · · · · · · · · · · | ACQN/DEVL LOCATION : USGS, DENVER, CO | | en en la seconda de la companya de la seconda de la companya de la companya de la companya de la companya de la Este destrucción de la companya de la | | |
| GS920808312312.015 | TRANSDUCER CALIBRATION DATA FROM WELLS IN THE YUCCA MOUNTAIN AREA. | 03/03/92-07/01/92 | TRANSDUCER CALIBRATIONS PERFORMED A Y C ACCORDING TO THE GUIDELINES IN HP-60, R2, METHOD FOR MONITORING WATER-LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS | | |
| | ACQN/DEVL LOCATION : UE-25 B #1 UE-25 P #1 UE-25 WT #13 UE-25 WT #3 USW G-3 USW H-1 USW H-3 | | | | |

| | SITE CHARACTERIZATION PLAN BASELINE | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | TFT YII PEO EDN | |
| ana sa sa sa sa | USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2 | | | · . | |
| GS920808312312.016 | TRANSDUCER CALIBRATION REGRESSION EQUATIONS | 08/19/92-08/21/92 | REGRESSION EQUATIONS CALCULATED USING STANDARD STATISTICAL PRACTICES. | DYC | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | |
| GS920808312312.017 | TRANSDUCER OUTPUT DATA FROM WELLS IN THE YUCCA MOUNTAIN AREA SHOWING RESPONSE TO EARTHQUAKES ON JUNE 28 AND JUNE 30, 1992 | 06/26/92-07/11/92 | WATER-LEVEL RESPONSE DATA COLLECTED ACCORDING TO HP-60, R2, METHOD FOR MONITORING WATER-LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS; HP-196T, R0, DATA COLLECTION PLATFORMS; AND HP-221T, R0, MONITORING THE WELL WATER LEVEL OR FLUID PRESSURE RESPONSE TO UNDERGROUND NUCLEAR EXPLOSIONS OR EARTHQUAKES. TABLE SHOWING MONITORING DEPTHS OF WELLS CONTAINS STANDARD PROJECT INFORMATION. | AYC | |
| | ACQN/DEVL LOCATION : UE-25 B #1 UE-25 P #1 UE-25 WT #13 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 | ACON/DEVT. PEDTOD | ACON (DEVIL METHOD | PE |
| | ***** | | ACON/DAAL MEINOD | |
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| GS921008312312.018 | DATA RESULTING FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN () WELLS SITES ON OR AROUND YUCCA MOUNTAIN, NEVADA THIRD QUARTER, 1992 OF THE PERIODIC NETWORK LOGBOOK. | 06/29/92-09/29/92 | TECHNICAL PROCEDURES HP-25,R1, METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR; HP-26,R1, METHOD FOR CALIBRATING WATER-LEVEL MEASUREMENT EQUIPMENT USING THE REFERENCE STEEL TAPE; HP-61,R0, USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); AND HP-75,R1, METHOD FOR MEASURING WATER LEVELS IN WELLS USING REELED (2600-FOOT AND 2800-FOOT) STEEL TAPES. | λУ |
| | ACON / DEVIL TOCATION . TEST WELL B | | | |
| | UE-25 P #1 | | | |
| | UE-25 WT #12 | | | |
| | UE-25 WT #14 | | | |
| | UE-25 WT #15 | | and the second | |
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| | UE-25 WT #4 | | and the second | |
| | UE-25 WT #6 | | | |
| | UE-29 A #1 | | | |
| | UE-29 A #2 | | | |
| | UE-29 UZN #91 | | | |
| the second s | USW G-2 | | | |
| | USW G-3 | | | |
| | USW H-1 | | 1 | |
| | USW H-5 | | | |
| | USW WT-1 | | | - • |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACON/DEVL PERIOD | ACQN/DEVL METHOD | EDN |
| ~~~~ <u>~</u> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | |
| GS921008312312.019 | WATER-LEVEL MEASUREM CALIBRATION REGRESSI WELLS FOR THIRD QUAR | ENT WORKSHEETS AND ON ANALYSES, SELECT TER, 1992. | 06/29/92-09/29/92 | CALIBRATION ANALYSES PERFORMED USING STANDARD STATISTICAL EQUATIONS. CONVERSION OF RAW WATER-LEVEL MEASUREMENT. TO DEPTHS-TO-WATER ABOVE SEA LEVEL PERFORMED USING STANDARD MATHEMATICAL TECHNIQUES. | DYC S |
| | ACQN/DEVL LOCATION : | USGS, DENVER, CO | | | |
| **G5921008312312.020 | RAW WATER-LEVEL DATH WATER-LEVEL MEASUREN 1/1/89 - 5/2/89. RJ LOGBOOKS AND CASSETT DATALOGGER OUTPUT. | A FROM THE CONTINUOUS LENT NETWORK FROM W DATA CONSISTS OF E TAPES WITH CSI 21X | 01/01/89-05/02/89 | DATA COLLECTED USING TRANSDUCER/DATALOGGE 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 FO MONITORING WATER-LEVEL CHANGES USING A CAMPBELL SCIENTIFIC 21X MICROLOGGER; AND HP-75, R0, METHOD FOR MEASURING WATER | R A N C R |
| | | | | LEVELS IN WELLS USING REELED (2600-FOOT AND 2800-FOOT) STEEL TAPES. | |
| | ACQN/DEVL LOCATION : | UE-25 WT #13 UE-25 WT #16 UE-25 WT #3 UE-25 WT #6 UE-25C #1 UE-25C #2 UE-25C #3 UE-25P #1 USW G-3 | | | |
| | | USW H-1 | | | |
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| and the second sec | | USW WT-11 USW WT-2 | an a | n an | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD E D | о И - |
| **GS921008312312.021 | WATER LEVELS IN CONTINUOUSLY MONITORED Wells in the Yucca Mountain Area, Nevada, 1989" by D.H. Lobmeyer, R.R. Luckey and D.J. Burkhardt | 01/01/90-10/07/92 | RAW TRANSDUCER OUTPUT DATA CONVERTED TO D N WATER-LEVEL ALTITUDE ABOVE SEA LEVEL USING STANDARD STATISTICAL METHODS DESCRIBED IN THE REPORT. | с |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS921008312312.022 | LOGBOOK PAGES FROM UE-25P #1 LOGBOOK SHOWING CALIBRATION OF THE TRANSDUCER/DCP SYSTEM. | 09/02/92-09/24/92 | HP-60,R2, METHOD FOR MONITORING A Y WATER-LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS. | С |
| | ACQN/DEVL LOCATION : UE-25P #1 | | | |
| GS921108312312.023 | INFORMATION REGARDING THE USE OF DATA-COLLECTION PLATFORMS TO COLLECT WATER-LEVEL DATA IN LIEU OF USING 21X MICROLOGGERS. THE INFORMATION, AND EXAMPLES OF DATA, ARE KEPT IN SCIENTIFIC NOTEBOOK -0004 (HP-196T, R0). | 02/12/90-10/17/92 | SEE TECHNICAL PROCEDURE HP-196T, RO, METHOD A Y FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS, WHICH WAS THE HYDROLOGIC PROCEDURE CONTROLLING THIS SCIENTIFIC NOTEBOOK. | С |
| | ACQN/DEVL LOCATION : UE-25 WT #13 | | | |
| $\mathcal{L}_{\mathcal{L}} = \mathcal{L}_{\mathcal{L}}^{(1)}$ | UE-25 WT #3 UE-25 WT #6 UE-25B #1 UE-25P #1 USW G-3 | an an an Arab | ang na kanala sa kan Kanala sa kanala sa ka Kanala sa kanala sa k | |
| | USW H-1 USW H-3 USW H-4 USW H-5 | | | |
| an a | USW H-6 USW WT-11 USW WT-2 | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | | S O N |
| GS930108312132.001 | HYDROLOGY OF YUCCA MOUNTAIN AND VICINITY, NEVADA - CALIFORNIA: INVESTIGATIVE RESULTS THROUGH MID-1983, BY R.K. WADDELL, J.H. ROBISON, & R.K. BLANKENNAGEL. | 01/01/84-08/20/84 | COMPILATION OF HYDROLOGIC DATA COLLECTED AND ANALYZED THROUGH MID-1983 FOR INCLUSION IN THE SITE CHARACTERIZATION REPORT (SCR) FOR THE NEVADA NUCLEAR WASTE STORAGE INVESTIGATIONS. DATA TYPES INCLUDE HYDROCHEMISTRY. | DN | ĪT |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | |
| GS930108312312.001 | WATER-LEVEL DATA RESULTING FROM MANUAL WATER-LEVEL MEASUREMENTS TAKEN AT WELL SITES ON OR AROUND YUCCA MOUNTAIN, NEVADA FOURTH QUARTER, 1992, OF THE PERIODIC NETWORK LOGBOOK. | 10/14/92-12/29/92 | THE DATA WERE COLLECTED USING REELED STEEL TAPES. SEE HP-61, RO, USE OF HAND-HELD STEEL TAPES (IN VERTICAL BOREHOLES); HP-75, R1, METHOD FOR MEASURING WATER LEVELS IN WELLS USING REELED (2600-FOOT AND 2800-FOOT) STEEL TAPES; HP-26, R1, METHOD FOR CALIBRATING WATER-LEVEL MEASUREMENT EQUIPMENT USING THE REFERENCE | A Y | : c |
| e Carlo de Co | ACQN/DEVL LOCATION : J-11 J-12 WATER WELL TEST WELL B UE-25 WT \$12 | | STEEL TAPE. | | |
| | UE-25 WT #13 UE-25 WT #14 UE-25 WT #15 UE-25 WT #16 UE-25 WT #16 UE-25 WT #17 UE-25 WT #18 | | | | |
| a the second second | UE-25 WT #3 UE-25 WT #4 UE-25 WT #6 UE-25B #1 UE-25P #1 UE-29 UZN #91 UE-29 UZN #91 | | | | |
| | UE-29A #2 UE-5N USW G-3 USW H-1 USW H-3 | | en e | e e | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | 5 D N |
| | USW H-4 USW H-5 USW H-6 USW WT-1 USW WT-10 USW WT-11 USW WT-2 USW WT-7 WATER WELL J-13 WELL VH-1 | | | |
| an a | | | and the second | |
| GS930108312312.002 | HYDROLOGIC RESPONSES TO EARTHQUAKES, JUNE 28-29, 1992, AT YUCCA MOUNTAIN, NEVADA, BY GRADY M. O'BRIEN AND PATRICK TUCCI. BASED ON DATA FROM USW WELLS H-3, H-5, AND H-6, AND FROM UE-25P #1. ACQN/DEVL LOCATION : USGS, DENVER, CO | 07/01/92-12/18/92 | DATA DEVELOPED USING STANDARD MATHEMATICAL I TECHNIQUES. | DYC |
| **G5930108312312.003 | EARTHQUAKE-INDUCED WATER-LEVEL FLUCTUATIONS AT YUCCA MOUNTAIN, NEVADA, JUNE, 1992 BY G.M. O'BRIEN. BASED ON DATA FROM WELLS USW H-5, USW H-6, USW H-3, AND UE-25 P #1. ACQN/DEVL LOCATION : USGS, DENVER, CO | 07/01/92-10/21/92 | DATA DEVELOPED USING STANDARD MATHEMATICAL E TECHNIQUES. | DYT |
| GS930208312312.004 | 1992 CONTINUOUS NETWORK TRANSDUCER AND RELATED DATA. DATA IN THE FORM OF LOGBOOKS AND ELECTRONIC DATA AS STORED ON THE NWIS/ADAPS SYSTEM. | 01/01/92-12/31/92 | TRANSDUCER AND RELATED DATA COLLECTED USING TRANSDUCERS/21X SYSTEMS OR TRANSDUCER/DCP SYSTEMS. REFERENCE HP-196T, RO, AND HP-196,R1, METHOD FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS; HP-60,R2, METHOD FOR MONITORING WATER LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS: | AYC |
| | na se an ann an | | HP-71,RO, METHOD FOR MONITORING WATER-LEVEL CHANGES USING A CAMPBELL SCIENTIFIC 21X MICROLOGGER. | ور |
| | ACON/DEVL LOCATION : UE-25 WT #13 UE-25 WT #16 | | | |
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| and a second | UE-25 WT #3 UE-25 WT #6 UE-25B #1 UE-25P #1 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2 | | | |
| GS930308312312.005 | GROUNDWATER LEVEL DATA AND PRELIMINARY POTENTIOMETRIC SURFACE MAPS, YUCCA MOUNTAIN AND VICINITY, NYE COUNTY, NEVADA, BY J.H. ROBISON. | 01/01/84-12/31/84 | COMPILATION OF WATER LEVEL MEASUREMENT DATA OBTAINED BY THE USGS USING CALIBRATED STEEL CABLES WITH ELECTRICAL OR MECHANICAL WATER-LEVEL SENSORS OR USING PRESSURE TRANSDUCERS. POTENTIOMETRIC SURFACE MAPS PRODUCED BY STANDARD USGS CONTOURING MAPPING METHODS. | DNT |
| | ACON/DEVIL LOCATION : USGS, DENVER, CO | | • | |
| GS930308312312.006 | WATER-LEVEL ALTITUDE DATA FOR WELLS UE-25P #1 AND USW H-3. | 07/01/92-12/18/92 | WATER-LEVEL ALTITUDES CALCULATED USING THE RAW CALIBRATION DATA, MANUAL WATER-LEVEL MEASUREMENT DATA AND TRANSDUCER OUTPUT DATA. CALCULATIONS PERFORMED USING STANDARD STATISTICAL EQUATIONS. | DYP |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN | |
| GS930308312312.007 | CALIBRATION REGRESSION DATA FOR CALIBRATIONS PERFORMED AT WELL USW H-5 ON 7/7/92 AND AT WELL USW H-6 ON 7/8/92. | 07/01/92-12/18/92 | CALIBRATION DATA REGRESSIONS PERFORMED USING STANDARD REGRESSION TECHNIQUES. | DYP | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | |
| **GS930308312312.008 | WATER LEVELS IN CONTINUOUSLY MONITORED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1985-88, BY R. LUCKEY, D. LOBMEYER, AND D. BURKHARDT | 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. | DNT | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | |
| **GS930308312312.009 | "WATER LEVELS IN PERIODICALLY MEASURED Wells in the Yucca Mountain Area, Nevada, 1989" by G.M. O'Brien | 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. | DNT | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | |
| GS930308312312.011 | RAW MANUAL WATER-LEVEL MEASUREMENT DATA FROM THE PERIODIC MEASUREMENT NETWORK. | 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. | ANC | |
| | 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 | | ACON/DEVL PERIOD | ACON/DEVL METHOD | Y P E | II EO DN |
| GS930408312312.012 | FIRST QUARTER OF THE NETWORK LOGBOOK. | 1993 PERIODIC | 01/01/93-03/31/93 | MANUAL WATER-LEVEL DATA COLLECTED WITH REELED STEEL TAPES AND MULTICONDUCTOR CABLE UNIT. TECHNICAL PROCEDURES HP-75,R1 METHOD FOR MEASURING WATER-LEVELS IN WELL USING REELED (2600-FOOT AND 2800-FOOT) STEEL TAPES, AND HP-25,R1 METHOD FOR MEASURING WATER LEVEL USING A FORTABLE MULTICONDUCTOR CABLE. | А S | Y C |
| | ACON/DEVL LOCATION : | J-11 J-12 WATER WELL TEST WELL B UE-25 WT #12 | | | | |
| | | UE-25 WT $#14UE-25$ WT $#15UE-25$ WT $#16UE-25$ WT $#17$ | | | | |
| | | UE-25 WT #18 UE-25 WT #4 UE-25 WT #6 UE-25B #1 | | | | |
| | | UE-29 UZN #91 UE-29A #1 UE-29A #2 UE-5N | | | | |
| | | USW G-2 USW H-1 USW H-3 USW H-4 | | | - | |
| | A strand strand strand Strandstran | USW H-5 USW UZ-16 USW VH-1 USW WT-1 | | an a | | |
| | | USW WT-10 USW WT-11 USW WT-7 Water Well J-13 | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | EC |) N |
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| GS930408312312.013 | RAW CALIBRATION DATÀ FROM UE-25P #1 AND UE-25 WT #13, FIRST QUARTER 1993 ONLY. | 01/01/93-03/31/93 | TRANSDUCER/DCP SYSTEMS CALIBRATED According to HP-196, R1, Method For Collecting Water Level Data Using Data Collection Platforms. | A J | [P |
| | ACQN/DEVL LOCATION : UE-25 WT #13 UE-25P #1 | | | | |
| GS930408312312.014 | DEVELOPED WATER-LEVEL DATA, SELECTED WELLS, FIRST QUARTER 1993 ONLY. DEVELOPED DATA IS COMPOSED OF WATER-LEVEL ALTITUDE WORKSHEETS AND CALIBRATION REGRESSION ANALYSES. | 04/01/93-04/07/93 | RAW WATER-LEVEL DATA CORRECTED FOR STRETCH, EXPANSION AND BOREHOLE DEVIATION AND AN ALTITUDE OF THE WATER TABLE ABOVE SEA LEVEL WAS CALCULATED. REGRESSIONS PERFORMED ON RAW CALIBRATION DATA USING STANDARD STATISTICAL TECHNIQUES. | DY | ' P |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | |
| **GS930408312312.015 | WATER LEVELS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1990-91, BY P. TUCCI, G.M. O'BRIEN AND D.J. BURKHARDT | 06/01/92-06/01/93 | RAW WATER LEVEL DATA CONVERTED TO WATER-LEVEL ALTITUDE DATA USING STANDARD STATISTICAL TECHNIQUES. | DN | I C |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | |
| 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. | 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 1 | C |
| A state of the sta | ACQN/DEVL LOCATION : USW H-5 USW H-6 | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | EDN |
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| **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. | 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. | DYT |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930708312312.018 | ANALYSIS OF THE FREQUENCY RESPONSE OF WATER LEVELS IN WELLS TO EARTH TIDES AND ATMOSPHERIC LOADING, BY DEVIN GALLOWAY AND STUART ROJSTACZER | 01/01/88-11/22/88 | ESTIMATES OF AMPLITUDES AND PHASES FOR EXACT FREQUENCIES OF TIDAL CONSTITUENTS WERE OBTAINED BY FITTING THE WATER-LEVEL RECORDS AND THE CALCULATED AREAL STRAIN TIDE TO A SUM OF SINES AND COSINES FUNCTION USING LEAST SQUARES TECHNIQUE (COVER 1996 THRES SERIES MALVELS) | DNC |
| | | | CALLER, 1960, THES SERIES AND STRINGS, BAROMETRIC ANALYSIS WAS DONE BY SPECTRAL ESTIMATION TECHNIQUES (BENDAT AND PIERSOL, 1986, RANDOM DATA ANALYSIS AND MEASUREMENT PROCEDURE). COMPLETE BIBLIOGRAPHIC CITATIONS ARE FOUND IN REPORT. | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930708312312.019 | SECOND QUARTER 1993 PERIODIC LOGBOOK. | 04/01/93-06/30/93 | MANUAL WATER-LEVEL DATA COLLECTED EITHER WITH A REELED STEEL TAPE OR A MULTICONDUCTOR CABLE UNIT. REFERENCE TECHNICAL PROCEDURES HP-75,R1, METHOD FOR MEASURING WATER-LEVELS IN WELLS USING | AYC |
| | | | REELED (2600 FT AND 2800 FT) STEEL TAPES; AND HP-25,R1, METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR CABLE. | |
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| | ACON/DEVL LOCATION : TEST WELL B UE-25 WT #12 UE-25 WT #14 | | | |
| | UE-25 WT #15 UE-25 WT #16 UE-25 WT #17 UE-25 WT #18 UE-25 WT #18 UE-25 WT #4 | | | • |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| | UE-25 WT #6 UE-25B#1 UE-5N USW G-2 USW H-1 USW H-5 USW H-6 USW VH-1 USW WT-10 USW WT-7 USW-WT-1 UZ-16 WELL J-11 WELL J-12 WELL J-13 | | | - |
| GS930708312312.020 | RAW CALIBRATION DATA FROM WELLS UE-25P #1 AND UE-25 WT #13, SECOND QUARTER 1993 ONLY. | 04/01/93-06/30/93 | TRANSDUCER/DCP SYSTEMS CALIBRATED ACCORDING TO HP-196,R1, METHOD FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS. | ΑΥΡ |
| | ACQN/DEVL LOCATION : UE-25 WT #13 UE-25P #1 | | | |
| GS930708312312.021 | DEVELOPED WATER-LEVEL DATA, SELECTED WELLS, SECOND QUARTER 1993 ONLY. DEVELOPED DATA IS COMPOSED OF WATER-LEVEL ALTITUDE WORKSHEETS AND CALIBRATION REGRESSION ANALYSES. | 07/01/93-07/07/93 | RAW WATER-LEVEL DATA CORRECTED FOR STRETCH, EXPANSION AND BOREHOLE DEVIATION AND AN ALTITUDE OF THE WATER TABLE ABOVE SEA LEVEL WAS CALCULATED. REGRESSIONS PERFORMED ON CALIBRATION DATA USING STANDARD STATISTICAL TECHNIQUES. | DYP ®g |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | YII PEO EDN |
| GS931008312312.022 | WATER-LEVEL DATA FROM THE PERIODIC Network, 3rd quarter 1993 Only. | 07/01/93-10/01/93 | DATA COLLECTED ACCORDING TO HP-75,R1, METHOD FOR MEASURING WATER-LEVELS IN WELLS USING REELED (2600 FT AND 2800 FT) STEEL TAPES. | АУС |
| | ACQN/DEVL LOCATION : UE-25 WT #3 UE-25C #1 UE-25C #2 UE-25C #3 USW H-3 USW H-4 USW H-5 USW H-6 | ni te standa a | | ÷ |
| | USW UZ-14 USW VH-1 USW WT-10 USW WT-2 USW WT-7 | | | |
| GS931008312312.023 | RAW TRANSDUCER CALIBRATION DATA, WELL UE-25P #1 AND UE-25 WT #13, 3RD QUAR 1993 ONLY. | LS 07/01/93-10/01/93 TER | DATA COLLECTED ACCORDING TO HP-60,R3, METHOD FOR MONITORING WATER LEVEL CHANGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS, AND HP-196,R1, METHOD FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS. | A Y P |
| | ACON/DEVL LOCATION : UE-25 WT #13 UE-25P #1 | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | EDN |
| | | | | |
| GS931008312312.024 | DEVELOPED WATER LEVEL DATA CONSISTING OF WATER-LEVEL WORKSHEETS AND CALIBRATION Regressions for data collected at Selected Wells in the Yucca Mountain Area, Nevada. Third Quarter Only, 1993. | 10/01/93-10/07/93 | WATER LEVEL DATA DEVELOPED USING STANDARD STATISTICAL TECHNIQUES. | DYP |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS931008312312.025 | WATER LEVELS IN PERIODICALLY MEASURED WELLS IN THE YUCCA MOUNTAIN AREA, NEVADA, 1981-87, BY J.H. ROBISON, D.M. STEPHENS, R.R. LUCKEY, AND D.A. BALDWIN. | 01/01/87-01/01/88 | HYDROGRAPHS OF WATER-LEVEL ALTITUDE AFTER DEPTH CORRECTIONS FOR WATER-TABLE, GEOLOGIC, HYDROLOGIC, AND SUPPLY WELL DATA. | DNT |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | 1999 - Maria Maria, and an | |
| 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 | 08/09/93-08/20/93 | DATA COLLECTED ACCORDING TO THE PROCEDURES OUTLINED IN THE SCIENTIFIC NOTEBOOK: SN-0049,RO, SPECIFIC CAPACITY TESTS AT WELL UZ-14. | AYC |
| | DATA. | | | |
| | ACON/DEVL LOCATION : USW UZ-14 | | | |
| 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. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| | | SILE CHARACLERI | LATION FLAN BASELIN | | I A T F T |
| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACON/DEVL PERIOD | ACQN/DEVI. METHOD | YII PEO EDN |
| GS940108312312.003 | TRANSDUCER AND RELAT DATA COLLECTION PLAT PART OF THE 1991 CON NETWORK DATA PACKAGE | ED DATA COLLECTED BY Forms, 1990–1991. Tinuous Water-Level | 09/26/90-12/31/91 | HP-196T, RO METHOD FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS. | А У Р |
| | ACON/DEVL LOCATION : | UE-25 WT#6 USW G-3 USW H-4 USW H-5 USW H-6 USW WT-11 | | and and a second se Second second br>Second second | |
| G5940108312312.004 | MANUAL DEPTH-TO-WATE PERIODIC NETWORK, 4T | R DATA FROM THE H 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 | AYC |
| | | na serie de la composition de la compos La composition de la c | | "METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR"; HP-26,R1 "METHOD FOR CALIBRATING WATER-LEVEL MEASUREMENT EQUIPMENT USING THE REFERENCE STEEL TAPE". | |
| | ACQN/DEVL LOCATION : | TEST WELL B UE-25 WT #12 UE-25 WT #14 | | | |
| s en | · · · | 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 | | | |
| | an an an an an an an an an an An Anna an Anna an Anna Anna an Anna an Anna an Anna an | UE-25C #2 UE-25C #3 UE-5N USW G-2 | | energie en la recentra de la filma en la composición de la composición de la composición de la composición de l Presenta de la composición de la composi Presenta de la composición de la composi | . . |
| | | USW H-1 USW H-3 USW H-5 USW H-6 | en e | | |
| | | USW UZ-14 | | | i , |

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AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE ΙΑ ΤFΤ YII PEO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN -----_____ ------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 01/04/94-01/13/94 DEPTH-TO-WATER MEASUREMENTS CORRECTED FOR D N C OF WATER-LEVEL ALTITUDE WORKSHEETS. FOR BOREHOLE DEVIATION, STRETCH AND THERMAL DATA COLLECTED AT SELECTED WELLS IN THE EXPANSION AND CONVERTED TO WATER-LEVEL YUCCA MOUNTAIN AREA, NEVADA, 4TH QUARTER ALTITUDE ABOVE SEA LEVEL. 1993 ONLY. ACON/DEVL LOCATION : USGS, DENVER, CO GS940208312312.002 WATER-LEVEL ALTITUDE DATA FROM WELLS IN 01/01/93-02/08/94 RAW TRANSDUCER DATA AND MANUAL DNC THE YUCCA MOUNTAIN AREA, NEVADA, 1992. DEPTH-TO-WATER DATA CONVERTED TO ALTITUDE OF THE WATER TABLE ABOVE SEA LEVEL USING STANDARD STATISTICAL TECHNIQUES. ACON/DEVL LOCATION : USGS, DENVER, CO 06/01/93-02/08/94 RAW TRANSDUCER DATA AND MANUAL DEPTH TO GS940208312312.003 "WATER LEVELS IN THE YUCCA MOUNTAIN DNP AREA, NEVADA, 1992" BY G.M. O'BRIEN, P. WATER DATA CONVERTED TO ALTITUDE OF WATER TUCCI AND D.J. BURKHARDT. TABLE ABOVE SEA LEVEL DATA USING STANDARD STATISTICAL TECHNIQUES.

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ACQN/DEVL LOCATION : USGS, DENVER, CO

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| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACON/DEVL PERIOD | ACQN/DEVL METHOD | E D |) н |
| **G5940208312312.006 | 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. | DN | ΙT |
| | ACQN/DEVL LOCATION : USGS, DENVE | R, CO | | | | |
| **GS940308312312.007 | RAW WATER-LEVEL DATA FROM THE COU WATER-LEVEL MEASUREMENT NETWORK 1 5/3/89 - 12/31/89. RAW DATA CON LOGBOOKS AND CASSETTE TAPES WITH DATALOGGER OUTPUT. | NTINUOUS FROM SISTS OF CSI 21X | 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 | AY | r c |
| | | | ta da series de la composición de la co | CAMPBELL SCIENTIFIC 21X MICROLOGGER; AND HP-75,R0, METHOD FOR MEASURING WATER LEVELS IN WELLS USING REELED (2600-FOOT AND 2800-FOOT) STEEL TAPES. | | |
| | ACON/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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| | | SITE CHARACTER | IZATION PLAN BASELIN | E | | I A T F T |
| | en frank i San S | | | | | YII |
| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | | EDN |
| **** | | | | | | |
| **GS940408312312.008 | WATER-LEVEL ALTITUDE 1994. | DATA, FIRST QUARTER | 01/01/94-03/31/94 | HP-75, RI "METHOD FOR MEASURING WATER-LEVELS IN WELLS USING REE AND 2800 FT) STEEL TAPES," AND "METHOD FOR MEASURING WATER LEV PORTABLE MULTICONDUCTOR CABLE." | LED (2600 HP-25,R1 El Using A | ANC |
| | ACON/DEVL LOCATION : | UE-25 WT #12 UE-25 WT #13 UE-25 WT #14 UE-25 WT #14 UE-25 WT #15 UE-25 WT #16 UE-25 WT #17 UE-25 WT #17 UE-25 WT #18 UE-25 WT #4 UE-25 WT #4 UE-25 WT #4 UE-25 WT #4 UE-25 WT #4 UE-25 WT #1 USW G-2 USW H-1 USW H-1 USW H-5 USW NRG-7 USW VH-1 USW WT-1 USW WT-2 USW WT-7 WELL J-11 WELL J-13 | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVI. METHOD | Y I I P E O E D N |
| *GS940708312312.010 | WATER-LEVEL ALTITUDE DATA, PERIODIC Network, Second Quarter, 1994 | 04/01/94-06/30/94 | HP-75,R1, "METHOD FOR MEASURING WATER-LEVELS IN WELLS USING REELED (2600 AND 2800 FT) STEEL TAPES," AND HP-25,R1, "METHOD FOR MEASURING WATER LEVEL USING A PORTABLE MULTICONDUCTOR CABLE." | À N P |
| | ACON/DEVL LOCATION : UE-25 B#1 UE-25 J#11 UE-25 J#12 UE-25 J#12 UE-25 WT#12 UE-25 WT#14 UE-25 WT#14 UE-25 WT#16 UE-25 WT#16 UE-25 WT#16 UE-25 WT#18 UE-25 WT#18 UE-25 WT#4 UE-25 WT#4 UE-25 WT#4 UE-25 WT#4 UE-25 WT#4 UE-25 WT#10 USW H-1 USW WT-1 USW WT-10 USW WT-7 | | | |
| *GS940908312312.011 | WATER-LEVEL ALTITUDE DATA FROM CONTINUOUS-NETWORK WELLS, 1993 | 01/01/93-12/31/93 | RAW TRANSDUCER MILLIVOLT VALUES CONVERTED TO WATER-LEVEL ALTITUDE ABOVE SEA LEVEL DATA USING STANDARD STATISTICAL TECHNIQUES. TECHNICAL PROCEDURES HP-60, R2 AND R3, METHOD FOR MONITORING WATER LEVEL CHANCES USING DEPENDENT TORMATER LEVEL | АҮР |
| | and a second | na an ann an Arrainn Ar Arrainn | CHARGES USING PRESSURE TRANSDUCERS AND PRESSURE TRANSMITTERS; HP-71, RO, METHOD FOR MONITORING WATER-LEVEL CHANGES USING A CAMPBELL SCIENTIEC 21% MICPOLOGGER. | н и 1 |
| | | | HP-196, R1, METHOD FOR COLLECTING WATER LEVEL DATA USING DATA COLLECTION PLATFORMS | • |
| | ACQN/DEVL LOCATION : UE-25 B#1 UE-25 P#1 | | | 1 |
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AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA TFT YII PEO ACON/DEVL PERIOD ACON/DEVL METHOD DATA TRACKING NO. TITLE/DESCRIPTION EDN ------UE-25 WT#13 UE-25 WT#3 USW G-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 USW WT-11 USW WT-2 Activity - 8.3.1.2.3.1.3 GS910508312313.001 DETAILS OF BOREHOLE LOCATION AND 01/01/83-01/01/86 USGS STANDARD COLLECTION METHODS. ANP CONSTRUCTION FOR THE C-HOLE COMPLEX. ACON/DEVL LOCATION : C-HOLE COMPLEX GS910508312313.002 GEOPHYSICAL LOGS OF THE C-HOLES 01/01/83-01/01/86 DOWN HOLE CAMERA AND GEOPHYSICAL LOGS. ANP INCLUDING TELEVISION TAPES OF UE25C#1 AND UE25C#2. THE TELEVISION TAPES ARE USED BY HIP. THESE ARE LOCATED IN BUILDING 53 OF THE DENVER FEDERAL CENTER, DENVER, COLORADO. ACON/DEVL LOCATION : C-HOLE COMPLEX UE25C-1 UE25C-2 GS910508312313.003 GEOLOGIC INFORMATION FROM THE C-HOLES 01/01/83-12/31/84 USGS STANDARD COLLECTION METHOD. DNP AND YUCCA MOUNTAIN AREA TO SUPPORT HYDROGEOLOGICAL INTERPRETATIONS OF REPORT. ACON/DEVL LOCATION : C-HOLE COMPLEX · · · ·

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| | SITE CHARACTERI | CHARACTERIZATION PLAN BASELINE | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | | | |
| GS910508312313.004 | GEOCHEMICAL, WATER LEVEL, LABORATORY DETERMINED POROSITY AND PERMEABILITY VALUES, HYDRAULIC STRESS TESTS, TRACE | 01/01/86-12/31/86 | USGS STANDARD LABORATORY PROCEDURES. | DNP | | |
| ata da care a care de R | DATA, FRACTURE DATA, LITHOLOGIC DATA USED FOR CHARACTERIZING HYDROLOGIC PROPERTIES OF ROCKS AT THE C-HOLE SITE AND CONCEPTUALIZING A MODEL FOR GROUNDWATER FLOW IN THE VICINITY OF THE C-HOLES. | | | | | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | | |
| **GS910508312313.005 | MONITORING OF WATER-LEVEL RESPONSE TO AN UNDERGROUND NUCLEAR EXPLOSION ON 4/4/91 AND TO AN EARTHQUAKE ON 4/23/91. | 04/04/91-04/23/91 | FLUID-PRESSURE AND/OR WATER-LEVEL DATA COLLECTED USING A TRANSDUCER-ANALOG STRIPCHART RECORDER SYSTEM. | ANP | | |
| | ACON/DEVL LOCATION : UE25B-1 USW H-1 | | | | | |
| **GS910908312313.006 | MONITORING OF WATER-LEVEL RESPONSE TO AN Earthquake on August 16, 1991. | 05/24/91-08/28/91 | FLUID-PRESSURE AND/OR WATER-LEVEL DATA COLLECTED USING A TRANSDUCER-ANALOG STRIPCHART RECORDER SYSTEM. | ANP | | |
| | ACON/DEVL LOCATION : USW H-4 | | | | | |
| GS910908312313.007 | GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL USW H-5, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY J.H. ROBISON AND R.W. CRAIG. | 05/01/82-08/31/82 | USGS STANDARD COLLECTION METHODS. HYDRAULIC TESTING AND MONITORING INCLUDED PUMP TESTS, HYDRAULIC HEADS, AND FLOW SURVEYS. | DNC | | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
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| **GS911108312313.008 | MONITORING OF WATER-LEVEL RESPONSE TO A UNE ON OCTOBER 18, 1991. | 08/28/91-11/21/91 | FLUID-PRESSURE AND/OR WATER-LEVEL DATA COLLECTED USING A TRANSDUCER-ANALOG STRIPCHART RECORDER SYSTEM. | ANP |
| | ACQN/DEVL LOCATION : USW H-4 | | | , |
| GS911108312313.009 | GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL USW H-6, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY R.W. CRAIG AND R.L. REED. | 01/01/88-02/01/89 | TRANSMISSIVITY BY 1) THEIS METHOD 2) STRAIGHT-LINE SOLUCTION WITH DUAL-POROSITY MODEL. HORIZONTAL HYDRAULIC CONDUCTIVITY BY COMPUTATION OF TRANSMISSIVITY DIVIDED BY TEST-LENGTH INTERVAL. GROUND-WATER ANALYSIS USING USGS STANDARD METHODS. RELATIVE POROSITY DEDUCED FROM WELL LOGS. PERMEABILITY DEDUCED BY INDIRECT EVIDENCE. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | $\mathbf{v}_{1} = (\mathbf{v}_{1}, \mathbf{v}_{2})$ | | 5- 1- |
| GS920508312313.003 | MONITORING WATER-LEVEL RESPONSE TO UNDERGROUND NUCLEAR EXPLOSIONS AND EARTHQUAKES FOR TEST WELLS USW H-5 AND USW H-6. | 02/24/92-05/22/92 | REFERENCE SCIENTIFIC NOTEBOOK PLAN HP-221T, RO. | AYC |
| | ACON /DENT TOCATION . HEW R-5 | · | | |
| | USW H-6 | | | |
| 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). | ртс |
| | ACQN/DEVL LOCATION : USW H-5 | | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | IA |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | |
| 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. | DYT |
| en e | ACQN/DEVL LOCATION : USGS, DENVER, CO | | · | |
| GS930308312313.002 | PRELIMINARY HYDROGEOLOGIC ASSESSMENT OF BOREHOLES UE-25C #1, UE-25C #2, UE-25C #3, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY A.L. GELDON. | 01/01/92-12/31/92 | STANDARD HYDROLOGIC METHODS AND TESTS TO GENERALLY CHARACTERIZE THE C-HOLE COMPLEX SYSTEM, INCLUDING WATER LEVEL MEASUREMENTS, AQUIFER TESTS, FRACTURE ANALYSIS, ETC. | DNC |
| and the second second | ACON/DEVL LOCATION : USGS, DENVER, CO | an an an tair a | and the second | |
| GS930408312132.010 | HYDROLOGY, BY W.E. WILSON FY 1982 Report | 01/01/83-01/01/84 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM HYDRAULIC TESTS AND PALEOHYDROLOGIC STUDIES INCLUDING POTENTIOMETRIC LEVELS, TRANSMISSIVITY, WATER CHEMISTRY, AND CARBON-14 DATING. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO. | | | |
| an An an the second sec | | | | |
| 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 | DNC |
| anta ta ana ta ara ar | ACQN/DEVL LOCATION : USGS, DENVER, CO. | | | |
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DQ AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE TA ΤFΤ YII PRO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN GS930408312313.003 HYDRAULIC TESTS AND CHEMICAL QUALITY OF 01/01/81-12/03/86 HYDRAULIC TESTS ANALYZED BY METHODS OF DNT WATER AT WELL USW VH-1, CRATER FLAT, NYE AHRENS, T.P. AND OTHERS, 1981; VANDERKAMP, COUNTY, NEVADA, BY WILLIAM THORDARSON G., 1976, DETERMINING AQUIFER AND LEWIS HOWELLS. TRANSMISSIVITY BY MEANS OF WELL RESPONSE TESTS; JACOB, C.E., 1947, DRAWDOWN TEST TO DETERMINE EFFECTIVE RADIUS OF ARTESIAN WELL; BROWN, R.H., ESTIMATING THE TRANSMISSIVITY OF AN ARTESIAN AQUIFER FROM THE SPECIFIC CAPACITY OF A WELL: USGS WSP 2321. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. ACON/DEVL LOCATION : USGS, DENVER, CO • • • • and the second GS930408312313.004 GEOHYDROLOGIC DATA FOR TEST WELL 01/01/83-10/25/83 SUMMARIES AND INTERPRETATIONS OF THE DNT UE-258#1 (UE-258 #1), NEVADA TEST SITE, AUTHORS. NYE COUNTY, NEVADA, BY D.H. LOBMEYER, M.S. WHITFIELD, JR., R.G. LAHOUD, AND LAURA BUCKHEIMER. ACON/DEVL LOCATION : USGS, DENVER, CO a de la companya de l GS930508312132.012 HYDROLOGY, BY D.I. LEAP -- FY 1979 01/01/81-01/01/82 SUMMARIES/INTERPRETATIONS OF PREVIOUSLY DNC REPORT PUBLISHED DATA AND PRELIMINARY RESULTS FROM PALEOHYDROLOGICAL, MINERALOGICAL, AND GEOPHYSICAL STUDIES. ACON/DEVL LOCATION : USGS, DENVER, CO

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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | Y I I P E O E D N |
| GS930508312132.015 | HYDROLOGY, BY W.E. WILSON FY 1981 REPORT. | 01/01/82-01/01/83 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL, HYDROLOGICAL, AND GEOPHYSICAL STUDIES INCLUDING STRATIGRAPHY, PALEOHYDROLOGY, WATER CHEMISTRY, RADIONUCLIDE TRANSPORT AND CLIMATE. | DNC |
| | 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. | DNT |
| : • | ACON/DEVIL LOCATION : USGS, DENVER, CO | | and and a second se | |
| GS930908312313.006 | CALIPER LOGS OF WELLS UE-25C #1, #2 & #3, 12/11/90 | 12/11/90-12/11/90 | USGS STANDARD COLLECTION METHODS. | ANP |
| | ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3 | | | |
| GS930908312313.007 | DEVELOPMENT OF GEOLOGIC INFORMATION FROM THE C-HOLE COMPLEX AND THE YUCCA MOUNTAIN AREA TO SUPPORT HYDROGEOLOGICAL INTERPRETATIONS. INCLUDES 1991 4 1992 ACOUNT OF THE NUMBER LOGS | 01/01/84-09/16/93 | STANDARD USGS COLLECTION TECHNIQUES | A N P |
| an an an Argana an Argana Argana Argana an Argana Argana an Argana | ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3 | a da Alexandra da Alexandra Alexandra da Alexandra da Alexandr Alexandra da Alexandra da Alexandr | | |

| SITE CHARACTERIZATION PLAN BASELINE A L C A T F T T T T T T T T T T T T T T T T T | | | | | | | D Q A U L T A O |
|---|--------------------|--|--|------------------------|--|--------------------------------|-------------------------|
| DATA TRACKING NO.TITLE/DESCRIPTIONACQN/DEVL PERIODACQN/DEVL METHODP E 0GS930908312313.008RYDROLOGIC INFORMATION FROM THE C-HOLE COMPLIX AND THE TOCCA MOUNTAIN AREA. INCLUDES FLOW NATES. CALIFER LOGGS AND TEMPERATURE ACQN/DEVL LOCATION : UE-25C #1 UE-25C #301/23/84-09/16/93STANDARD USGS COLLECTION TECHNIQUESA N PGS930908312313.009PUMPING TESTS IN UE-25C #1 UE-25C #309/25/83-09/16/93STANDARD USGS COLLECTION TECHNIQUES.A N PGS930908312313.010PUMPING TEST IN WELL UE-25C #1 | | | SITE CHARACTERI | ZATION PLAN BASELIN | E | | ALC IA TFT YII |
| G\$930908312313.008 HYDROLOGIC INFORMATION FROM THE C-ROLE COMPLEX AND THE YUCCA MONTAIN AREA. INCLUDES FLOW RATES, CALIFER LOGS AND ACQM/DEVL LOCATION : UB-25C #1 UB-25C #2 UE-25C #3 01/23/84-09/16/93 STANDARD USGS COLLECTION TECHNIQUES A N P G\$930908312313.009 FUMPING TESTS IN UE-25C #1, UE-25C #3 09/25/83-09/16/93 STANDARD USGS COLLECTION TECHNIQUES. A N P G\$930908312313.009 FUMPING TESTS IN VE-25C #1, UE-25C #1 USS #-4 09/25/83-09/16/93 STANDARD USGS COLLECTION TECHNIQUES. A N P G\$930908312313.010 FUMPING TEST IN WELL UE-25C #2, UE-25P #1 USW H-4 03/01/84-09/16/93 STANDARD USGS COLLECTION TECHNIQUES. A N P G\$930908312313.011 FUMPING TEST IN WELL UE-25C #1, USW H-4 03/01/84-09/16/93 STANDARD USGS COLLECTION METHODS. A N P G\$930908312313.011 FUMPING TEST IN WELL UE-25C #1, USW H-4 01/23/84-09/16/93 STANDARD USGS COLLECTION METHODS. A N P G\$930908312313.011 FUMPING TEST IN WELL UE-25C #1, USW H-4 01/23/84-09/16/93 STANDARD USGS COLLECTION METHODS. A N P G\$930908312313.011 FUMPING TEST IN WELL UE-25C #1, UE-25C #2, UE-25C #1, UE-25C #2, UE-25C #1, UE-25C #1, UE-2 | DATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | | PEO EDN |
| ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3 GS930908312313.009 PUMPING TESTS IN UE-25C #1, ACQN/DEVL LOCATION : UE-25C #1, US-25P#1 USW R-4 GS930908312313.010 PUMPING TEST IN WELL UE-25C #2, MARCH 03/01/84-09/16/93 STANDARD USGS COLLECTION TECHNIQUES. A N P 1984. ACQN/DEVL LOCATION : UE-25C #1 USW R-4 GS930908312313.011 PUMPING TEST IN WELL UE-25C #2, MARCH 03/01/84-09/16/93 STANDARD USGS COLLECTION TECHNIQUES. A N P UE-25C #1 USW R-4 GS930908312313.011 PUMPING TEST IN WELL UE-25C #3, 01/23/84-09/16/93 STANDARD USGS COLLECTION METHODS. A N P MAY-JUNE, 1984. ACQN/DEVL LOCATION : UE-25C #1 UE-25C #1 UE-25C #2 UE-25C #1 UE-25C #1 | GS930908312313.008 | HYDROLOGIC INFORMATION FR COMPLEX AND THE YUCCA MOU INCLUDES FLOW RATES, CALI TEMPERATURE | OM THE C-HOLE NTAIN AREA. PER LOGS AND | , 01/23/84-09/16/93 | STANDARD USGS COL | LECTION TECHNIQUES | ANP |
| GS930908312313.009 FUMPING TESTS IN UE-25C #1, SEPTEMBER-OCTOBER, 1993. 09/25/83-09/16/93 STANDARD USGS COLLECTION TECHNIQUES. A N P ACQN/DEVL LOCATION : UE-25C#1 UE-25P#1 USW H-4 03/01/84-09/16/93 STANDARD USGS COLLECTION TECHNIQUES. A N P GS930908312313.010 PUMPING TEST IN WELL UE-25C #2, MARCH 03/01/84-09/16/93 STANDARD USGS COLLECTION TECHNIQUES. A N P ACQN/DEVL LOCATION : UE-25C #1 UE-25C #1 03/01/84-09/16/93 STANDARD USGS COLLECTION TECHNIQUES. A N P GS930908312313.011 PUMPING TEST IN WELL UE-25C #3, MAX-JUNE, 1984. 01/23/84-09/16/93 STANDARD USGS COLLECTION METHODS. A N P ACQN/DEVL LOCATION : UE-25C #1 UE-25C #1 UE-25C #1 01/23/84-09/16/93 STANDARD USGS COLLECTION METHODS. A N P GS930908312313.011 PUMPING TEST IN WELL UE-25C #1 UE-25C #1 01/23/84-09/16/93 STANDARD USGS COLLECTION METHODS. A N P ACQN/DEVL LOCATION : UE-25C #1 UE-25C #1 01/23/84-09/16/93 STANDARD USGS COLLECTION METHODS. A N P | | ACQN/DEVL LOCATION : UE-2 UE-2 UE-2 | 5C #1 5C #2 5C #3 | | | general de la seu d'Anne Se | |
| ACQN/DEVL LOCATION : UE-25C #1 UE-25P#1 USW H-4 GS930908312313.010 PUMPING TEST IN WELL UE-25C #2, MARCH ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #1 USW H-4 GS930908312313.011 PUMPING TEST IN WELL UE-25C #3, ACQN/DEVL LOCATION : UE-25C #1 USW H-4 GS930908312313.011 PUMPING TEST IN WELL UE-25C #3, ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #1 UE-25C #1 | GS930908312313.009 | PUMPING TESTS IN UE-25C (SEPTEMBER-OCTOBER, 1983. | 91, | 09/25/83-09/16/93 | STANDARD USGS COL | LECTION TECHNIQUES. | ANP |
| GS930908312313.010 PUMPING TEST IN WELL UE-25C #2, MARCH 1984. 03/01/84-09/16/93 STANDARD USGS COLLECTION TECHNIQUES. A N P ACQN/DEVL LOCATION : UE-25C #1 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. 01/23/84-09/16/93 STANDARD USGS COLLECTION METHODS. A N P ACQN/DEVL LOCATION : UE-25C #1 UE-25C #3 UE-25P #1 01/23/84-09/16/93 STANDARD USGS COLLECTION METHODS. A N P | | ACQN/DEVL LOCATION : UE-2 UE-2 USW | 5C#1 5P#1 H-4 | | | | |
| ACQN/DEVL LOCATION : UE-25C #1 UE-25P #1 USW H-4 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-25C #3 UE-25P #1 | GS930908312313.010 | PUMPING TEST IN WELL UE-2 1984. | 5C #2, MARCH | 03/01/84-09/16/93 | STANDARD USGS COL | LECTION TECHNIQUES. | ANP |
| 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 | | ACON/DEVL LOCATION : UE-2 UE-2 UE-2 USW | 25C #1 25C #2 25P #1 R-4 | | | | |
| ACON/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3 UE-25P #1 | GS930908312313.011 | PUMPING TEST IN WELL UE-2 May-Jung, 1984. | 25C #3, | 01/23/84-09/16/93 | STANDARD USGS COI | LECTION METHODS. | ANP |
| | | ACON/DEVL LOCATION : UE-2 UE-2 UE-2 | 25C #1 25C #2 25C #3 | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVI. METHOD | YII PEO EDN |
| GS930908312313.012 | CONSTANT FLUX TESTS AT THE C-HOLE COMPLEX, OCTOBER-DECEMBER, 1984. | 10/01/84-09/16/93 | STANDARD USGS COLLECTION TECHNIQUES. | ANP |
| | ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3 | | | |
| $(x_1, \dots, x_n) \in \mathbb{R}^n$ | UE-25P #1 | ` | | |
| GS930908312313.013 | FLUID INJECTION TESTS IN UE-25C #1, OCTOBER 1983. | 10/06/83-09/16/93 | STANDARD USGS COLLECTION TECHNIQUES. | ANP |
| | ACQN/DEVL LOCATION : UE-25C #1 UE-25C #2 UE-25C #3 | | | |
| **GS930908312313.014 | SN-0027, PULSE FLOWMETER SURVEY AT THE UE-25 C-HOLE COMPLEX, NEVADA. | 12/11/91-12/16/91 | HP-233T, RO (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 | АУТ |
| e di stand | | | ADDITION TO THE PROCEDURE OUTLINED IN THE OFR, A PACKER STRING WAS USED TO ISOLATE ZONES OF FLOW. | , |
| | ACON/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. | DNP |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| *GS940708312313.001 | HYDRAULIC HEAD DATA COLLECTED BETWEEN 1/20/94 and 4/6/94 at the C-Hole COMPLEX, NTS, NEVADA | 01/20/94-04/06/94 | DATA COLLECTED USING PRESSURE TRANSDUCERS CONNECTED TO A DATA ACQUISITION SYSTEM. DATA COLLECTION CONTROLLED BY SCIENTIFIC NOTEBOOK SN-0036, PERFORMING VARIOUS HYDRAULIC TRACER TESTS USING PROTOTYPE PRESSURE TRANSDUCER AND PACKER ASSEMBLIES. | А Ү Р |
| | ACQN/DEVL LOCATION : UE-25 C#1 UE-25 C#2 UE-25 C#3 | | | |
| Activity - 8.3.1.2. | 3.1.4 | | | |
| **GS900908312314.001 | IDENTIFICATION AND CHARACTERIZATION OF HYDROLOGIC PROPERTIES OF FRACTURED TUFF USING HYDRAULIC AND TRACER TESTS TEST WELL USW H-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY JAMES R. ERICKSON AND RICHARD K. WADDELL | 01/01/84-03/14/85 | USGS STANDARD COLLECTION METHODS. DATA COLLECTED FROM HYDROLOGIC AND TRACER TESTS AND AN ACOUSTIC TELEVIEWER LOG WERE USED TO QUANTIFY INTRAWELL-BORE FLOW DIRECTION AND RATES, PERMEABILITY DISTRIBUTION, FRACTURE POROSITY AND ORIENTATIONS OF THE HYDRAULIC CONDUCTIVITY ELLIPSOID FOR THE TEST WELL. | DNT |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| **GS920408312314.001 | UE-25P #1 LITHOLOGIC LOGS, FLOW SURVEY, PUMPING AND INJECTION TESTS, WATER LEVEL, POTENTIOMETRIC, BORE HOLE PRESSURE, PERMEABILITY, AND TRANSMISSIVITY DATA. | 11/14/82-05/03/83 | USGS STANDARD COLLECTION METHODS. | ANC |
| | ACON/DEVL LOCATION : UE-25P #1 | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVIL METHOD | |
| GS920408312314.002 | GEOHYDROLOGIC DATA FOR TEST WELL UE-25P#1 (UE-25P #1), YUCCA MOUNTAIN AREA, NYE COUNTY NEVADA, BY R.W. CRAIG AND K.A. JOHNSON | 06/01/83-05/10/84 | USGS STANDARD METHODS. | DNT |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| 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. | ANC |
| | ACON/DEVL LOCATION : USW H-3 | | | |
| G5920408312314.004 | GEOHYDROLOGY OF TEST WELL USW H-3, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY WILLIAM THORDARSON, F.E. RUSH, AND S.J. WADDELL | 01/01/84-08/24/84 | USGS STANDARD METHODS. | DNT |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| and the second | and the second | | | |
| GS920408312314.005 | LITHOLOGIC LOGS, TRACEJECTOR SURVEY, PUMPING AND INJECTION TESTS, TEMPERATURE LOGS AND GEOPHYSICAL LOGS FOR TEST WELL USW G-4. | 12/05/82-01/06/83 | USGS STANDARD COLLECTION METHODS. | ANC |
| | ACQN/DEVL LOCATION : USW G-4 | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | TF YI PE ED |
| GS920408312314.006 | GEOHYDROLOGIC DATA FOR WELL USW G-4, Yucca Mountain Area, Nye County, Nevada, By C.B. Bentley | 01/06/83-12/31/84 | USGS STANDARD METHODS. | אס |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS920408312314.007 | TIME AND TEMPERATURE LOGS, DIRECTIONAL SURVEYS, GEOPHYSICAL LOGS, INJECTION AND PUMPING TESTS, LITHOLOGIC LOGS AND TRACEJECTOR SURVEY FOR TEST WELL USW | 03/23/82-07/28/83 | USGS STANDARD COLLECTION METHODS. | A N |
| | R-4. | | $(x_{i}, 1) \in [x_{i}, \dots, x_{i}] \in [w_{i}, \dots, w_{i}]$ | |
| | ACON/DEVL LOCATION : USW H-4 | - - | | |
| GS920408312314.008 | GEOHYDROLOGY OF ROCKS PENETRATED BY TEST WELL USW H-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY M.S. WHITFIELD, JR., | 01/01/84-01/01/85 | TEST DRILLING, HYDRAULIC TESTING AND CREMICAL ANALYSES. | DN |
| er and the second | E.P. ESHOM, WILLIAM THORDARSON, AND D.H. SCHAEFER | 1 | | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS920408312314.009 | GEOHYDROLOGY OF ROCKS PENETRATED BY TEST | 01/01/83-08/15/84 | USGS STANDARD METHODS. | DN |
| | AREA, NYE COUNTY, NEVADA, BY R.W. CRAIG AND J.H. ROBISON | | | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA TFT YII PEO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN -----GS920408312314.010 LOG BOOKS, INJECTION AND PUMPING TESTS, 09/18/80-12/17/80 USGS STANDARD COLLECTION METHODS. ANC LITHOLOGIC LOGS, TEST AND CORE ANALYSES AND WATER LEVELS FOR USW H-1. ACON/DEVL LOCATION : USW H-1 GS920408312314.011 GEOHYDROLOGY OF TEST WELL USW H-1, YUCCA 01/01/83-02/14/84 USGS STANDARD METHODS. DNT MOUNTAIN, NYE COUNTY, NEVADA, BY F.E. RUSH, WILLIAM THORDARSON, AND D.G. PYLES . . ACON/DEVL LOCATION : USGS, DENVER, CO GS920408312314.012 FIELD NOTEBOOK, DAILY REPORTS, DRILLING 03/31/81-09/22/81 DATA OBTAINED BY BOREHOLE FLOW SURVEYS, ANC LOGS, INJECTION AND PUMPING TESTS, PUMPING TESTS, PACKER INJECTION TEST, AND TEMPERATURE LOGS, LITHOLOGIC LOGS AND CHEMICAL ANALYSIS OF WATER. CHEMICAL ANALYSIS FOR TEST WELL UE-25B ¥1. ACON/DEVL LOCATION : UE-25B #1 GS920408312314.013 GEOHYDROLOGY OF VOLCANIC TUFF PENETRATED 12/02/82-11/02/83 USGS STANDARD METHODS. DNT BY TEST WELL UE-25B#1 (UE-25B #1), YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY R.G. LAHOUD, D.H. LOBMEYER, AND M.S. WHITFIELD. the second s ACON/DEVL LOCATION : USGS, DENVER, CO (a) A set of the se and the second
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVI METHOD | E | D N |
| Activity - 8.3.1.2. | .3.1.6 | | | | |
| GS930508312316.001 | TRACER TEST FOR EVALUATING NONPUMPING INTRABOREHOLE FLOW IN FRACTURED MEDIA, BY D.L. GALLOWAY AND J.R. ERICKSON | 01/01/85-09/06/85 | AVERAGE VELOCITY OBTAINED FROM LINEAR-REGRESSION ANALYSIS OF THE TRAVEL DISTANCE OF THE CENTROID OF TRACER MASS VERSUS ELAPSED TIME SINCE EJECTION. | D | NP |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | |
| Activity - 8.3.1.2. | .3.1.7 | | | | |
| LA00000000058.001 | REPORT ON C-2 BULLFROG TUFF BATCH EXPERIMENT | 03/15/92-03/09/93 | A LITHIUM BATCH EXPERIMENT USING WELL J-13 GROUNDWATER AND CRUSHED BULLFROG TUFF FROM WELL C-2 WAS CONDUCTED TO DETERMINE LINEAR, LANGMUIR, FREUNDLICH, AND MODIFIED LANGMUIR ISOTHERMS (ADSORPTION AND DESORPTION). SOLUTION SAMPLES WERE ANALYZED USING ION CHROMOTOGRAPHY TO DETERMINE AMOUNT OF SORPTION AT EQUILIBRIUM. | A | N P |
| | ACON/DEVL LOCATION : LANL | | | | |
| LA00000000059.001 | THE INFLUENCE OF TEMPERATURE AND THE SOLID-LIQUID RATIO ON THE ADSORPTION OF LITHIUM IN A J-13 WELL WATER AND A C-2 BULLFROG TUFF SYSTEM. | 03/15/92-06/15/93 | BATCH SORPTION EXPERIMENTS WERE CONDUCTED TO EVALUATE THE EFFECTS OF TEMPERATURE AND SOLID-LIQUID RATIO ON THE ADSORPTION OF LITHIUM IN J-13 WELL WATER AND C-2 BULLFROG TUFF SYSTEM. | A | NP |

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| | SITE CHARACTERIZATION PLAN BASELINE | | | T A (A L (I) T F : |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | YI: PEC EDI |
| Activity - 8.3.1.2 | .3.2.1 | | • | |
| GS910608312321.001 | STABLE ISOTOPE RATIOS AND RADIOCARBON PERCENTAGES. | 03/01/88-04/30/90 | ANALYSIS OF DUPLICATE SAMPLES COLLECTED E AND RECEIVED FROM UNLV DESERT RESEARCH INSTITUTE INVESTIGATORS. | YANI |
| | ACQN/DEVL LOCATION : UE 25WT-12 UE 25WT-14 UE 25WT-15 | | · · · | |
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| GS920408312321.001 | CHEMICAL COMPOSITION DATA AND LABORATORY ANAYLSES FOR GROUND WATER FROM TEST WELLS IN YUCCA MOUNTAIN AREA. | 03/26/71-07/06/84 | USGS STANDARD COLLECTION METHODS | ANC |
| | ACQN/DEVL LOCATION : J-12 J-13 UE-25B#1 UE-25C#1 UE-25C#2 UE-25C#3 UE-25C#3 UE-25P#1 UE-29A#2 USW G-4 USW H-1 USW H-3 USW H-4 | • | | |
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| | SITE CHARACTER | IZATION PLAN BASELIN | E | D Q A U L T A O A L C I A T F T Y I I |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| GS920408312321.002 | FLOWMETER (TRACEJECTOR) SURVEY ON TEST Wells in Permeable zones in Yucca Mountain Area. | 10/17/80-10/15/82 | USGS STANDARD COLLECTION METHODS | ANC |
| | ACQN/DEVL LOCATION : UE-258#1 USW G-4 USW H-1 USW H-4 USW H-5 USW H-6 | | n Maria da Santa Maria da Santa da Sant | |
| GS920408312321.003 | CHEMICAL COMPOSITION OF GROUNDWATER IN The Yucca Mountain Area, Nevada 1971 - 1984, by L.V. Benson and P.W. McKinley. | 03/26/71-12/31/85 | USGS STANDARD METHODS | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS920508312321.004 | CHEMICAL ANALYSES OF WATER FROM SELECTED WELLS AND SPRINGS IN THE YUCCA MOUNTAIN AREA, NEVADA AND SOUTHEASTERN CALIFORNIA, BY P.W. MCKINLEY, M.P. LONG, AND L.V. BENSON | 07/01/84-05/01/90 | DEVELOPMENT OF THE DATA WAS LIMITED TO CALCULATIONS OF ANION - CATION BALANCE AND CHECKING THE WELL OR SPRING LOCATIONS. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| SITE CHARACTERIZATION PLAN BASELINE | | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | | |
| Activity - 8.3.1.2. | 3.2.2 | | | | |
| G5900908312322.001 | HYDROGEOLOGIC INFERENCES FROM DRILLERS LOGS AND FROM GRAVITY AND RESISTIVITY SURVEYS IN THE AMARGOSA DESERT, SOUTHERN NEVADA, BY WILLIAM J. OATFIELD AND JOHN B. CZARNECKI. | 07/01/88-07/31/88 | ANALYSIS OF DEPTH-TO-WATER AND HYDROCHEMICAL DATA AND RESISTIVITY DATA TO CHARACTERIZE THE UNDERLYING HYDROGEOLOGIC FRAMEWORK. METHODS ARE MORE FULLY DESCRIBED IN THE REPORT. | DNC | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | |
| **GS930508312322.001 | SOURCES AND MECHANISMS OF RECHARGE FOR GROUND WATER IN THE WEST-CENTRAL AMARGOSA DESERT, NEVADA - A GEOCHEMICAL INTERPRETATION, BY HANS C. CLAASSEN | 01/01/82-03/28/83 | ALL AVAILABLE DATA ON GROUND-WATER QUALITY FOR THE WEST-CENTRAL AMARGOSA DESERT WERE APPLIED TO DEVELOPMENT OF A CONCEPTUAL GEOCHEMICAL MODEL OF THAT HYDROLOGIC REGIME. HYDRAULIC, GEOLOGIC, AND LITHOLOGIC DATA FOR THE REGION WERE ALSO INCORPORATED AS NEEDED. | DNT | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | |
| GS940308312322.001 | HYDROCHEMICAL DATA BASE FOR THE DEATH VALLEY REGION, BY D.L. PERFECT, C.C. FAUNT, W.C. STEINKAMPF, AND A.K. TURNER. | 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. | DNC | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | |
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| DATA TRACKING NO. | | | | |
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| 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, MINEPALOGY X-DAY DIFFRACTION. TEMPERATURE | DNC |
| الم المراجع . المراجع المراجع المراجع المراجع . | | M. S. Barris, and A. Ba | AND CLIMATE. | |
| | ACON/DEVI LOCATION : USGS, DENVER, CO. | | | |
| GS930508312132.012 | HYDROLOGY, BY D.I. LEAP FY 1979 Report | 01/01/81-01/01/82 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM PALEOHYDROLOGICAL, MINERALOGICAL, AND GEOPHYSICAL STUDIES. | DNC |
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| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930508312132.015 | HYDROLOGY, BY W.E. WILSON FY 1981 REPORT. | 01/01/82-01/01/83 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL, HYDROLOGICAL, AND GEOPHYSICAL STUDIES INCLUDING STRATIGRAPHY, PALEOHYDROLOGY, WATER CHEMISTRY, RADIONUCLIDE TRANSPORT AND CLIMATE. | DNC |
| | ACON/DEVI. LOCATION : USGS. DENVER. CO | | | |
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| GS930508312323.002 | ORIGIN OF CARBONATE DEPOSITS IN THE VICINITY OF YUCCA MOUNTAIN, NEVADA: DEPUTIENT DESULTS OF STRONTIUM-ISOTOPE | 01/01/89-01/05/90 | SUMMARY OF STRONTIUM-ISOTOPE ANALYSES, GATHERED BY STANDARD USGS METHODS. | DNC |
| | ANALYSES, BY B.D. MARSHALL, Z.E. | | | |
| and the second second | PETERMAN, K. FUTA, J.S. STUCKLESS, S.A. MAHAN, J.S. DOWNEY, AND E.D. GUTENTAG | | | |
| | ACON / DEVICE TOCATION . USES DENVER CO | | | |
| and a second | ACQN/DEVE DOCATION . OBGD/ DEAVEN/ CO | • • • • • • • • • • • • • • • • • • • | | |
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DQ AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA TFT YII PEO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN **GS930908312323.003 HYDROCHEMICAL DATA FROM ANALYSES OF 03/05/92-07/22/94 STANDARD USGS NWOL PROCEDURE AYP WATER SAMPLES COLLECTED AT FIELD STATIONS: USW VH-1, JF3, UE-25 UZN#91, VIRGIN SPRING, NEVARES SPRING, UE-25 J#12, UE-25 J#13, ARMY-1, AND USW UZ-14 ACQN/DEVL LOCATION : USGS NWQL, DENVER, CO . . . Activity - 8.3.1.2.3.3.1 . **GS921108312331.001 REVISED POTENTIOMETRIC SURFACE MAP OF 09/01/91-08/31/92 WATER-LEVEL DATA WERE ANALYZED TO DNC YUCCA MOUNTAIN AND VICINITY, NEVADA, BY DETERMINE POSSIBLE TRENDS IN THE E.M. ERVIN, R.R. LUCKEY & D.J. BURKHARDT POTENTIOMETRIC SURFACE. MAP WAS PLOTTED FROM WATER LEVEL DATA AND TREND ANALYSIS. ACON/DEVL LOCATION : USGS, DENVER, CO GS931008312331.001 SUMMARY OF REVISED POTENTIOMETRIC 08/31/92-11/30/92 SUMMARY OF SOURCE DATA. DNC SURFACE MAP, YUCCA MOUNTAIN AND VICINITY, NEVADA, BY E.M. ERVIN, R.R. LUCKEY AND D.J. BURKHARDT ACQN/DEVL LOCATION : USGS, DENVER, CO

| SITE CHARACTERIZATION PLAN BASELINE | | | | |
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| Activity - 8.3.1.3. | 1.1 | | | |
| LA00000000038.001 | GROUNDWATER CHEMISTRY ALONG FLOW PATHS BETWEEN A PROPOSED REPOSITORY SITE AND THE ACCESSIBLE ENVIRONMENT | 01/01/90-03/30/90 | LITERATURE SEARCH OF WELL-WATER CHEMICAL Analysis data from Yucca Mountain and Vicinity | DNT |
| | ACON/DEVL LOCATION : LANL | | | |
| LA00000000044.001 | GROUNDWATER CHEMISTRY AT YUCCA MOUNTAIN, NEVADA, AND VICINITY / SUMMARY AND ANALYSIS OF A VARIETY OF GROUNDWATER DATA FROM PREVIOUS LANL AND USGS MONITORING. | 01/01/86-01/30/87 | THE CHEMISTRY OF GROUNDWATER AT YUCCA Mountain and vicinity was reviewed and Compared with the chemistry of water from Nevada test site and surrounding areas | DNC |
| | ACON/DEVL LOCATION : LANL | | | |
| Activity - 8.3.1.3. | 2.1 | | | |
| 1200000000045.001 | REVISED VOLCANIC STRATIGRAPHY OF DRILL HOLE J-13, FORTYMILE WASH, NEVADA, BASED ON PETROGRAPHIC MODES AND CHEMISTRY OF PHENOCRYSTS | 01/01/80-12/01/82 | MINERALOGIC ANALYSES BY X-RAY DIFFRACTOMETER, MODAL ANALYSIS OF THIN SECTIONS, AND PHENOCRYST COMPOSITIONS BY ELECTRON MICROPROBE ANALYSIS | DNC |
| a second second | ACQN/DEVL LOCATION : LANL | | | |
| LA00000000046.001 | PETROLOGIC STUDIES OF DRILL CORES USW G-2 AND UE-258#1H, YUCCA MOUNTAIN, NEVADA | 01/01/82-06/01/82 | PETROGRAPHIC, LIGHT MICROSCOPY, X-RAY DIFFRACTION, AND MICROPROBE ANALYSES OF PHENOCRYSTS AND SECONDARY PHASES; CORRELATION OF STRATIGRAPHY MADE WITH PREVIOUS YUCCA MOUNTAIN DRILL CORES. | DNC |
| | ACQN/DEVL LOCATION : LANL | | · · · · · · · · · · · · · | |
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| LA00000000056.001 | MINERALS IN FRACTURES OF THE UNSATURATED ZONE FROM DRILL CORE USW G-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA. | 01/15/82-12/15/84 | THE MINERALOGY OF FRACTURES IN DRILL CORE USW G-4 WAS EXAMINED TO DETERMINE THE SEQUENCE OF DEPOSITION AND THE IDENTITY OF MINERALS THAT MIGHT BE NATURAL BARRIERS TO RADIONUCLIDE MIGRATION. | DI | 17 | С |
| | ACQN/DEVL LOCATION : LANL | | · · · · · · · · · · · · · · · · · · · | | | |
| LA00000000075.001 | PRELIMINARY FINDINGS ON THE VARIABILITY IN CALCITE PETROGRAPHY, CHEMISTRY, AND STABLE-ISOTOPE COMPOSITIONS OF CALCRETE IN RELATIONSHIP TO PALEOENVIRONMENTS. | 01/01/93-12/17/93 | PETROGRAPHY, INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS, A Z X-RAY DIFFRACTION SCANNING ELECTRON MICROSCOPY, LOW-TEMPERATURE ASHING, AND STABLE ISOTOPE ANALYSIS. | A | ¥ 1 | P |
| | ACON/DEVL LOCATION : LANL AND USGS | | | | | |
| *SNSAND81197000.000 | SAND81-1970: "PETROLOGY AND GEOCHEMISTRY OF THE GROUSE CANYON MEMBER OF THE BELTED RANGE TUFF, ROCK-MECHANICS DRIFT, U12G-TUNNEL, NEVADA TEST SITE". NNA.900702.0024 | 11/07/80-04/01/83 | THE STUDY IS BASED ON SUITE OF 16 SAMPLES COLLECTED 11/07/80, FROM THE LEFT RIB OF THE ROCK-MECHANICS DRIFT (RMD), AND ON 4 SUPPLEMENTAL SAMPLES COLLECTED 03/25/81, FROM HOLE U12G-RM-P1. THE ANALYTICAL TECHNIQUES USED ON VARIOUS ROCK TYPES INCLUDE TRANSMITTED- AND REFLECTED-LIGHT MICROSCOPY, WHOLE-ROCK CHEMICAL ANALYSES, X-RAY DIFFRACTION OF CLAYS & ZEOLITES, ELECTRON-MICROPROBE ANALYSIS OF GLASS, AND COMBINED SCANNING-ELECTRON MICROSCOPY (SEM) AND ENERGY-DISPERSIVE X-RAY ANALYSIS. | D 1 | | P |
| | ACON/DEVL LOCATION : SNL & UNIVERSITY OF N | m, albuquerque, nm | | | | |
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| *SNSAND84106000.000 | SAND84-1060: "PETROLOGY AND GEOCHEMISTRY OF SAMPLES FROM BED-CONTACT ZONES IN TUNNEL BED 5, U12G-TUNNEL, NEVADA TEST SITE". NNA.900810.0672 | 06/24/81-10/01/84 | THIS REPORT SUMMARIZES THE RE DETAILED PETROLOGIC AND GEOCH STUDIES OF SEVERAL SAMPLES FR BED-CONTACT ZONES WITHIN TUNN THE U12G-TUNNEL. ANALYTICAL EMPLOYED INCLUDE TRANSMITTED LIGHT MICROSCOPY, ELECTRON MI ANALYSIS OF MINERAL PHASES; S ELECTRON MICROSCOPY (SEM), WH CHEMICAL ANALYSIS; AND QUALIT DIFFRACTION ANALYSIS. | SULTS OF DNP EMICAL OM EL BED 5 IN TECHNIQUES AND REFLECTED CROPROBE CANNING OLE-ROCK ATIVE X-RAY |
| | ACON/DEVL LOCATION : SNL & UNIVERSITY OF | NM, ALBUQUERQUE, NM | an a | |
| Activity - 8.3.1.3. | a second se Second second seco | | | |
| LA00000000047.001 | FRAN RIDGE HORIZONTAL CORING SUMMARY REPORT HOLE UE-25H#1, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA | 02/01/83-09/01/86 | CORE EXAMINED FOR FRACTURES, MINERALIZATION, AND LITHOPHYS FRACTURE FREQUENCIES CALCULAT | FRACTURE-FILL D N C AL CONTENT. ED. |
| | ACON/DEVL LOCATION : LANL | | | |
| | and the second | | | |
| LA00000000054.001 | DISTRIBUTION OF POTENTIALLY HAZARDOUS PHASES IN THE SUBSURFACE AT YUCCA MOUNTAIN, NEVADA | 01/02/93-04/30/93 | PREVIOUS MINERALOGIC AND X-RA DIFFRACTION DATA HAVE BEEN SU ANALYZED IN REGARD TO POTENTI RESPIRATORY HEALTH HAZARDS | Y POWDER D N P MMARIZED AND AL |
| | ACQN/DEVL LOCATION : LANL | | | |
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| Activity - 8.3.1.3. | 2.1.2 | | | |
| **LA00000000014.001 | CALCITE DEPOSITS IN DRILL CORES USW G-2 AND USW GU-3/G-3 AT YUCCA MOUNTAIN, NEVADA | 02/07/91-06/30/92 | PETROGRAPHY, INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS, AND ELECTRON MICRO- PROBE ANALYSIS | АУС |
| | ACON/DEVL LOCATION : LANL | a da gina para da | | |
| LA00000000014.002 | CALCITE DEPOSITS IN DRILL CORES USW G-2 AND USW GU-3/G-3 AT YUCCA MOUNTAIN, NEVADA | 07/01/92-03/01/93 | PETROGRAPHY, INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS, AND ELECTRON MICROPROBE ANALYSIS. | DУT |
| | ACON/DEVL LOCATION : LANL | | | |
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| LA00000000015.001 | GEOLOGIC EVALUATION OF SIX NONWELDED TUFF SITES FOR A SURFACE-BASED TEST FACILITY FOR THE YUCCA MOUNTAIN PROJECT | 03/01/90-02/21/91 | MODAL POINT COUNTS, X-RAY DIFFRACTION, NEUTRON ACTIVATION ANALYSIS, ATOMIC ABSORPTION SPECTROPHOTOMETRY, X-RAY FLUORESCENCE, LOSS ON IGNITION, | AYC |
| | | | OBSERVATIONS | |
| | ACON/DEVL LOCATION : LANL | (1,1,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2 | ana ing kanalari kana ang pananan sa kana kana kana | |
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| LA00000000015.002 | GEOLOGICAL EVALUATION OF SIX NON-WELDED TUFF SITES IN THE VICINITY OF YUCCA | 03/01/91-02/28/93 | X-RAY DIFFRACTION, MODAL PETROGRAPHY AND CHEMISTRY. | D.Y T |
| | TEST FACILITY FOR THE VUCCA MOUNTAIN | | المراجع br>المراجع المراجع | 21 - 1 12 |
| and the second | PROJECT. | | | _ |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | |
| LA00000000018.001 | REVISED MINERALOGIC SUMMARY OF YMP ACON/DEVL LOCATION : LANL | 09/01/81-11/01/88 | X-RAY DIFFRACTION | DNT |
| LA00000000025.001 | CALCITE DEPOSITS IN FRACTURES AT YUCCA Mountain Mountain Nevada | 12/06/90-10/28/92 | PETROGRAPHY (TWS-EES-DP-03,R3) MICROPROBE (LANL-EES-DO-07,R4) AND INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS (WASHINGTON UNIVERSITY) | АУР |
| , Maria and Andrews | ACON/DEVL LOCATION : LANL | $x = x^{1/2} = 1 $ | | |
| LA00000000041.001 | PRELIMINARY STRATIGRAPHIC AND PETROLOGIC CHARACTERIZATION OF CORE SAMPLES FROM USW-G1, YUCCA MOUNTAIN, NEVADA | 09/01/81-11/30/81 | ANALYSIS AND DISCUSSION OF PETROGRAPHIC STUDIES | DNC |
| | ACON/DEVL LOCATION : LANL | | | |
| LA00000000050.001 | THE IMPORTANCE OF ZEOLITES IN THE POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY AT YUCCA MOUNTAIN, NEVADA | 11/01/92-05/30/93 | DATA ON DISTRIBUTION, RADIONUCLIDE SORPTION, AND THERMAL AND HYDROLOGIC EFFECTS FOR ZEOLITES AT YUCCA MOUNTAIN ARE SUMMARIZED AND DISCUSSED IN RELATION TO MIGRATION OF RADIONUCLIDES IN GROUND | DN P |
| na sere te Santa en te | ACQN/DEVL LOCATION : LANL | e de la companya de l | | |
| LA00000000071.001 | CHEMISTRY OF DIAGENETICALLY ALTERED TUFFS AT YUCCA MOUNTAIN | 01/01/82-08/30/86 | X-RAY FLUORESCENCE, ELECTRON MICROPROBE, AND ATOMIC ABSORPTION SPECTROPHOTOMETRY | ANP |
| e la travella de la companya de la c | ACON/DEVL LOCATION : LANL | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | YII PEO EDN |
| LA00000000071.002 | CHEMISTRY OF DIAGENETICALLY ALTERED TUFFS AT A POTENTIAL NUCLEAR WASTE REPOSITORY, YUCCA MOUNTAIN, NYE COUNTY, NEVADA | 01/01/86-09/30/86 | WHOLE ROCK MAJOR ELEMENT CHEMISTRY AND ELECTRON MICROPROBE DATA ON AUTHIGENIC MINERALS | DNP |
| | ACON/DEVL LOCATION : LANL | | | |
| Activity - 8.3.1.3. | 2.1.3 | | | |
| LA000000000002.001 | ELECTRON MICROPROBE ANALYSES OF FRACTURE-LINING MANGANESE OXIDE MINERALS IN THE CRATER FLAT TUFF OF DRILL CORE USW- G-4. | 01/01/86-12/31/89 | ELECTRON MICROPROBE DATA. | DNT |
| | ACQN/DEVL LOCATION : LANL | | | |
| LA000000000020.001 | QUANTITATIVE MICROPROBE ANALYSES OF Rancieite and lithiophorite, manganese Oxide minerals | 05/18/87-10/25/89 | ELECTRON MICROPROBE ANALYSES | ANP |
| | ACON/DEVL LOCATION : LANL | | | |
| LA00000000021.001 | QUALITATIVE X-RAY DIFFRACTION DATA FOR SAMPLES CONTAINING MANGANESE OXIDES | 02/01/83-03/31/92 | X-RAY POWDER DIFFRACTION | ANP |
| | ACON/DEVL LOCATION : LANL | | | с. 1917 г. – С. |
| LA00000000039.001 | MINERALS IN FRACTURES OF THE SATURATED Zone from Drill Core USW G-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA | 06/11/86-07/15/86 | X-RAY DIFFRACTION ANALYSIS AND MICROPROBE Analysis of Minerals | DNT |
| | ACQN/DEVL LOCATION : USW G-4 | ••• | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | |
| LA00000000055.001 | EQUILIBRIUM MODELING OF THE FORMATION OF ZEOLITES IN FRACTURES AT YUCCA MOUNTAIN, NEVADA | 07/01/92-07/01/93 | THERMODYNAMIC DATA WERE ESTIMATED USING PUBLISHED METHODS, AND STABILITY DIAGRAMS FOR ZEOLITES WERE CALCULATED USING THE COMPUTER PROGRAM GEO-CALC | DYP |
| an a | ACON/DEVL LOCATION : LANL | an an an guna an a | n talan sa sa sangaran sina sa | |
| LA00000000061.001 | QUALITATIVE X-RAY DIFFRACTION DATA AND QUANTITATIVE ELECTRON MICROPROBE DATA ON FRACTURE-LINING ZEOLITES AT YUCCA MOUNTAIN | 02/01/83-05/31/93 | POWDER X-RAY DIFFRACTION AND QUANTITATIVE ELECTRON-PROBE MICROANALYSIS USING WAVELENGTH DISPERSIVE SPECTROMETRY | ANP |
| | ACQN/DEVL LOCATION : LANL | | | |
| LA00000000069.001 | FRACTURE-LINING MANGANESE OXIDE MINERALS In Silicic TUFF, Yucca Mountain, Nevada, USA | 08/01/90-06/30/92 | DEVELOPED IMPLICATIONS OF MINERALOGY, CHEMISTRY, AND DISTRIBUTION OF MANGANESE OXIDE MINERALS IN FRACTURES USING X-RAY DIFFRACTION AND OPTICAL AND ELECTRON | DNP |
| | | | MICROSCOPY DATA. | |
| | ACON/DEVL LOCATION : LANL | | | |
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| Activity - 8.3.1.3. | 2.2.1 | | | |
| LA00000000016.001 | PEDOGENESIS OF SILICEOUS CALCRETES OF YUCCA MOUNTAIN, NEVADA | 08/30/87-05/08/92 | PETROGRAPHY, XRD, SEM, AND INAA ANALYSIS | АҮР |
| | ACON/DEVL LOCATION : LANL | | | |
| LA00000000016.002 | PEDOGENESIS OF SILICEOUS CALCRETES OF YUCCA MOUNTAIN, NEVADA | 08/30/87-06/16/92 | PETROGRAPHY, XRD, SEM AND INAA ANALYSIS | DYP |
| | ACQN/DEVL LOCATION : LANL | | | |
| LA00000000022.001 | BEDROCK BRECCIAS ALONG FAULT ZONES NEAR YUCCA MOUNTAIN, NEVADA | 11/05/84-11/20/90 | ELECTRON MICROPROBE, SCORNING, ELECTRON MICROSCOPE, X-RAY DIFFRACTION, OPTICAL MICROSCOPY, FIELD OBSERVATION | АҮР |
| • • • • • • | ACON/DEVL LOCATION : LANL | | | |
| LA00000000023.001 | PRELIMINARY ASSESSMENT OF CLINOPTILOLITE K/AR RESULTS FROM YUCCA MOUNTAIN NEVADA ,USA; A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE. | 08/01/89-10/30/91 | XRD ANALYSIS, POTASSIUM ANALYSIS BY FLAME Photometer, Argon Analysis by Mass Spectrometer and Mineral Separation in Deionized Water and Heavy Liquids | АУС |
| | ACON/DEVL LOCATION : CASE WESTERN RESERVE LANL | UNIVERSITY, CLEVEL | ND, OR | - |
| LA00000000023.002 | MINERALOGY AND CLINOPTILOLITE K/AR Results from Yucca Mountain, Nevada, USA; A Potential High-level Radioactive Waste Repository Site | 11/01/91-12/10/92 | SECONDARY MINERALS SEPARATED BY SEDIMENTATION AND HEAVY LIQUIDS AND IDENTIFIED BY X-RAY DIFFRACTION AND SCANNING ELECTRON MICROSCOPY. POTASSIUM AND ADCON CONTENTS OF CLINOPTLICUTES | DYT |
| | | e de la companya de l La companya de la comp | DETERMINED BY FLAME PHOTOMETER AND MASS SPECTROMETER, RESPECTIVELY (TWS-EES-1-10-91-4). APPARENT AGES CALCULATED FROM POTASSIUM AND ABCON DATA | *. •. • |
| | ACQN/DEVL LOCATION : CASE WESTERN RESERVE LANL | UNIVERSITY | CALCULATED FROM FOIRSSION AND ARGON DATA, | • |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | Y I I P E O E D N |
| LA00000000024.001 | SURFACE-DISCHARGING HYDROTHERMAL SYSTEMS AT YUCCA MOUNTAIN - EXAMINING THE EVIDENCE. PETROGRAPHIC AND FIELD STUDIES, ELECTRON MICROPROBE DATA, SCANNING ELECTRON MICROSCOPE DATA, X-RAY | 01/05/90-10/01/92 | FIELD WORK, PETROGRAPHIC STUDY, X-RAY DIFFRACTION, SCANNING-ELECTRON MICROPROBE. | ANP |
| | DIFFRACTION DATA. ACQN/DEVL LOCATION : LANL | | | |
| LA00000000036.001 | WORKING PAPER ON CALICITE-SILICA Deposits in Trench 14 and Busted Butte. | 11/01/84-05/08/92 | INSTRUMENTAL NEUTRON ACTIVATION ANALYSES AND QUANTITATIVE X-RAY DIFFRACTION ANALYSES. | АУТ |
| | ACQN/DEVL LOCATION : BUSTED BUTTE QUADRANCE | GLE (NEVADA) & LANL | | |
| LA000000000040.001 | EVALUATION OF PAST AND FUTURE ALTERATIONS IN TUFF AT YUCCA MOUNTAIN, NEVADA, BASED ON THE CLAY MINERALOGY OF DRILL CORES USW G-1, G-2, AND G-3. | 01/02/81-09/01/88 | CLAY MINERALOGY OF TUFFS EXAMINED USING X-RAY POWDER DIFFRACTION; APPROXIMATE TEMPERATURES OF ALTERATION DETERMINED USING AVAILABLE CLAY MINEBAL DATA AND | DNC |
| | | | FLUID INCLUSION ANALYSES; AND ILLITES DATED USING K/AR TECHNIQUES | |
| | ACON/DEVL LOCATION : LANL | | | |
| LA00000000057.001 | K/AR DATING OF CLINOPTILOLITE, MORDENITE, AND ASSOCIATED CLAYS FROM YUCCA MOUNTAIN, NEVADA | 03/15/92-05/15/92 | SUMMARIZED VERSION OF MILESTONE 3142 REVISED AND MODIFIED WITH ADDITIONAL K/AR DATA ON MORDENITE AND CLAYS. | DYP |
| | ACON/DEVL LOCATION : LANL | | | |
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| | SITE CHARACTER | IZATION PLAN BASELIN | NE | T | IAFT |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVI. METROD | P | e o d n |
| LA00000000067.001 | MODERATE-TEMPERATURE ZEOLITIC ALTERATION IN A COOLING PYROCLASTIC DEPOSIT. | 05/01/82-06/30/86 | EVIDENCE FOR MODERATE-TEMPERATURE ZEOLITIC ALTERATION IN A COOLING PYROCLASTIC DEPOSIT WAS EXAMINED. | D | n p |
| | ACQN/DEVL LOCATION : LANL | | | | |
| LA00000000095.001 | UTILITY OF ALKALI ZEOLITES AS LOW-TEMPERATURE DATEABLE MINERALS | 02/01/92-02/01/93 | COEXISTING FINE-GRAINED AUTHIGENIC SILICATE MINERALS SEPARATED FROM ALTERED TUFFS IN MIOCENE AND QUATERNARY LACUSTRINE DEPOSITS WERE CHARACTERIZED BY X-RAY | A | ΥP |
| n an | na na sina ang kana da takan pangana. Ang | | POWDER DIFFRACTION AND DATED BY THE K/AR METHOD TO EVALUATE THE UTILITY OF THESE MINERALS FOR DETERMINING THE TIME OF DIAGENESIS IN LOW TEMPERATURE SETTINGS. | ı | |
| | ACON/DEVL LOCATION : LANL | | | | |
| Activity - 8.3.1.3. | 2.2.2 | | | | |
| LA000000000017.001 | DEHYDRATION AND REHYDRATION OF A TUFF VITROPHYRE | 07/14/87-04/11/92 | HEATING, WEIGHING, X-RAY DIFFRACTION, THERMOGRAVIMETRIC ANALYSIS, FOURIER- | A 1 | NC |
| • • • • • • • • | | | TRANSFORM INFRARED SPECTROGRAPHY, MOISTURE-EVOLUTION ANALYSIS, ION CHROMO- TOGRAPHY AND ATOMIC ABSORPTION | | ·• |
| | ACQN/DEVL LOCATION : LANL | | | | |
| LA00000000017.002 | DEHYDRATION AND REHYDRATION OF A TUFF VITROPHYRE | 05/01/92-03/19/93 | HEATING, WEIGHING, X-RAY DIFFRACTION THERMOGRAVIMETRIC ANALYSIS, FOURIER-TRANSFORM INFRARED SPECTROGRAPHY, MOISTURE-EVOLUTION AND ATOMIC ABSORPTION. | DI | N T |
| | ACQN/DEVL LOCATION : LANL | | | ÷. | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | EDN |
| | | | | |
| LA00000000051.001 | LONG-TERM THERMAL STABILITY OF CLINOPTILOLITE: THE DEVELOPMENT OF A "B" PHASE. | 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 | DNT |
| | | | DEMONSTRATED FOR SOME OF THE SAMPLES AT 200 DEGREES C. | |
| | ACON/DEVL LOCATION : LANL | | | |
| LA00000000052.001 | THERMAL STABILITY OF ZEOLITIC TUFF FROM YUCCA MOUNTAIN, NEVADA. | 06/01/89-09/30/89 | THE THERMAL STABILITIES OF THE ZEOLITES CLINOPTILOLITE AND MORDENITE WERE INVESTIGATED USING & COMBINATION OF | DNP |
| | | $(x_1,y_2) \in [0,\infty) \cap [0,\infty]$ | HIGH-TEMPERATURE X-RAY POWDER DIFFRACTION, THERMOGRAVIMETRIC AND DIFFERENTIAL | ,t |
| | | | SCANNING CALORIMETRIC ANALYSIS, AND Long-term heating experiments. | |
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| | ACON/DEVL LOCATION : LANL | | (1) All the second sec second second sec | |
| LA00000000060.001 | THERMAL BEHAVIOR OF NATURAL ZEOLITES | 11/01/92-06/30/93 | A REVIEW OF THE LITERATURE ON THE STABILITY OF NATURAL ZEOLITES WAS MADE, AND RESULTS OBTAINED BY THE LANL YMP EFFORT WERE INCLUDED. THESE YMP RESULTS | DNP |
| | | • | WERE EITHER PREVIOUSLY PUBLISHED OR ARE IN PREPARATION FOR PUBLICATION. | |
| | ACON/DEVL LOCATION : LANL | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| LA000000000060.002 | X-RAY POWDER DIFFRACTION DATA ON NATURAL ZEOLITES | 07/01/86-01/30/90 | X-RAY DIFFRACTION DATA | A N P |
| | ACQN/DEVL LOCATION : LANL | | | |
| LA00000000068.001 | ZEOLITE STABILITY CONSTRAINTS ON RADIOACTIVE WASTE ISOLATION IN ZEOLITE-BEARING VOLCANIC ROCKS | 04/15/80-04/15/81 | A REVIEW OF THE LITERATURE OF THE STABILITY OF ZEOLITES WAS MADE AND CONCLUSIONS WERE REACHED ON POSSIBLE CONSTRAINTS FOR RADIOACTIVE WASTE ISOLATION. | DNP |
| | ACQN/DEVL LOCATION : LANL | | | |
| LA00000000074.001 | EFFECTS OF EXCHANGEABLE CATION COMPOSITION ON THE THERMAL EXPANSION/CONTRACTION OF CLINOPTILOLITE | 08/01/83-01/30/84 | THE LATTICE PARAMETERS OF NATURAL AND CATION-EXCHANGED CLINOPTILOLITES WERE STUDIED AS A FUNCTION OF TEMPERATURE USING A HIGH-TEMPERATURE X-RAY POWDER DIFFRACTOMETER. | DN P |
| | ACON/DEVL LOCATION : LANL | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | Y P E | | 1 |
| Activity - 8.3.1.3. | 4.1 | | | _ | | • |
| LA00000000032.001 | DEPENDENCE OF RADIONUCLIDE SORPTION ON SAMPLE GRINDING SURFACE AREA AND WATER COMPOSITION | 05/23/90-12/08/92 | BATCH SORPTION MEASUREMENTS FOLLOWING TWS-INC-DP-05, R2. | A | X B | } |
| | ACQN/DEVL LOCATION : LANL | | | | | |
| LA00000000037.001 | SUMMARY REPORT ON THE GEOCHEMISTRY OF YUCCA MOUNTAIN AND ENVIRONS | 01/15/77-12/01/82 | A VARIETY OF TECHNIQUES HAVE BEEN USED TO STUDY SORPTION PROCESSES THAT LEAD TO THE REMOVAL OF RADIONUCLIDES FROM SOLUTION THROUGH INTERACTION WITH TUFF | D | чC | ; |
| | ACON/DEVL LOCATION : LANL | | | | | |
| Activity - 8.3.1.3. | 4.1.1 | | | | | |
| LA00000000042.001 | SUMMARY OF SORPTION MEASUREMENTS Performed with Yucca Mountain, Nevada, Tuff Samples and Water From Well J-13 | 01/15/77-12/15/87 | A VARIETY OF TECHNIQUES HAVE BEEN USED TO STUDY SORPTION PROCESSES THAT LEAD TO THE REMOVAL OF RADIONUCLIDES FROM SOLUTION THROUGH INTERACTIONS WITH TUFF. | D | Я С | 2 |
| | ACON/DEVL LOCATION : LANL | | | | | |
| LA00000000090.001 | NEPTUNIUM TRANSPORT IN YUCCA MOUNTAIN TUFFS: STATUS REPORT | 10/01/92-09/30/93 | TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES | A | K E | • |
| | | | TWS-INC-DP-62 BOLK NTS WELL WATER SAMPLES TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES LANL-INC-DP-15 CRUSHED ROCK COLUMN STUDIES LANL-INC-DP-35 PH MEASUREMENT | | | |
| | | | LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK | | | |
| | ACON/DEVL LOCATION : LOS ALAMOS NATIONAL I | LABORATORY | | | - ' | |

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| | SITE CHARACTER | IZATION PLAN BASELIN | E. | |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | |
| LA00000000091.001 | EFFECTS OF WATER ROCK RATIO ON SORPTION COEFFICIENTS | 10/01/92-09/30/93 | LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE | AYI |
| | | | FOR THE DYNAMIC TRANSPORT TASK, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES | - • |
| | | | TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES | |
| | ACON/DEVL LOCATION : LOS ALAMOS NATIONAL | Laboratory | TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES | |
| LA000000000092.001 | ACON/DEVL LOCATION : LOS ALAMOS NATIONAL SORPTION AS A FUNCTION OF TEMPERATURE | LABORATORY 10/01/92-09/30/93 | TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES LANL-INC-DP-35 PH MEASUREMENT, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES, | АУ |
| LA00000000092.001 | ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL SORPTION AS A FUNCTION OF TEMPERATURE | LABORATORY 10/01/92-09/30/93 | TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES LANL-INC-DP-35 PH MEASUREMENT, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES, LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, TWS-INC-DP-79 LIQUID SCINTILLATION | АУ |
| LA00000000092.001 | ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL SORPTION AS A FUNCTION OF TEMPERATURE | LABORATORY 10/01/92-09/30/93 | TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES LANL-INC-DP-35 PH MEASUREMENT, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES, LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING SAMPLES, TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES, LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK | ΑY |
| | ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL | LABORATORY 10/01/92-09/30/93 LABORATORY | TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES LANL-INC-DP-35 PH MEASUREMENT, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES, LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING SAMPLES, TMS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES, LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK | A Y |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| Activity - 8.3.1.3. | 4.1.2 | | | |
| LA00000000090.001 | NEPTUNIUM TRANSPORT IN YUCCA MOUNTAIN TUFFS: STATUS REPORT | 10/01/92-09/30/93 | TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES LANL-INC-DP-15 CRUSHED POCK COLUMN STUDIES | АУР |
| | na se suite di la serie de la transforme de la suite de la suit | | LANL-INC-DP-35 PH MEASUREMENT LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK | |
| | ACON/DEVL LOCATION : LOS ALAMOS NATIONAL 2 | Laboratory | | |
| LA00000000091.001 | EFFECTS OF WATER ROCK RATIO ON SORPTION COEFFICIENTS | 10/01/92-09/30/93 | LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, LANL-INC-DP-86 SORPTION AND DESORPTION DETREMINATIONS BY DATCH SAMPLE TECHNIOUE | АХР |
| | an a | · . | FOR THE DYNAMIC TRANSPORT TASK, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES | |
| | ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL | LABORATORY | | |
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| DATA TRACKING NO. TITLE/DESCRIPTION ACGN/DEVL PERIOD ACGN/DEVL METHOD EXCHAPTION ACGN/DEVL PERIOD ACGN/DEVL METHOD EXCHAPTION OF TEMPERATURE 10/01/92-09/30/93 LANL-INC-DP-35 IN MEASUREMENT, ACGN/DEVL INC-DP-35 IN MEASUREMENT, ACGN/DEVL LOCATION I TEMPERATURE 10/01/92-09/30/93 LANL-INC-DP-35 IN MEASUREMENT, THIS INC-DP-35 INC-20-43 STORAGE AND FANDLING OF MIS CORE SAMPLES FOR CRUSHED ROCK EXCHAPTION OF MIS CORE SAMPLES, THIS-INC-DP-35 INCADE AND FANDLING OF SAMPLES ACGN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY ACLIVITY - 8.3.1.3.4.1.3 LA000000000000000000000000000000000000 | | STTR. СНАВАСТРИ | TZATION PLAN DARPT TH | TP | DQ AU TA AL |
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| DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD ACON/DEVL METHOD LA000000000092.001 SORPTION AS A FUNCTION OF TEMPERATURE 10/01/92-09/30/93 LANI-INC-DP-35 PH MEASUREMENT, ILANI-INC-DP-35 PH MEASUREMENT, LANI-INC-DP-35 PH MEASUREMENT, ILANI-INC-DP-35 PH MEASUREMENT, ILANI-INC-DP-36 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLES, TOSLID SAMPLES, STONAGE AND MEAD DESORPTION DETERMINATIONS BY BATCH SAMPLES TRUE-INC-DP-35 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLES TWS-INC-DP-35 STONAGE AND AND DESORPTION DETERMINATIONS BY BATCH SAMPLES TWS-INC-DP-35 STONAGE AND RANDLING OF SAMPLES, STONAGE AND RANDLING OF SAMPLES FOR CHURCH TRUE SAMPLES TWS-INC-DP-35 STONAGE AND RANDLING OF SAMPLES FOR CHURCH TRUE SAMPLES TWS-INC-DP-42 BULK MITS WELL WATER SAMPLES TWS-INC-DP-35 PH MEASUREMENT A CON/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY ACON/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY A CON/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY | | | APPLICA LINA PROPERTY | | TF |
| LA000000000022.001 SORFTION AS A FUNCTION OF TEMPERATURE 10/01/92-09/30/93 LANL-INC-DP-35 PR MEASUREMENT, MATER SAMPLES, THS-INC-DP-62 BULK NTS WELL MATER SAMPLES, SAMPLES FOR CRUSHED ROCK EXPERIMENTS, THS-INC-DP-63 STORAGE AND RANDLING OF SOLID SAMPLES, THS-INC-DP-66 SORFTION AND DESORPTION DESORPTION IN DESORPTION DESCRIPTION SAMPLES, TECHNIQUE FOR THE DYNAMIC TAMSFORT TASK ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY TUFFS: STATUS REPORT TUFFS: STATUS REPORT ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY | DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | PECEDI |
| THS-INC-OP-83 STORAGE AND HANDLING OF SOLID SAMPLES, LANE-INC-DP-86 SORFIION AND DESORFIION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY Activity - 8.3.1.3.4.1.3 LA000000000000000000000000000000000000 | LA00000000092.001 | SORPTION AS A FUNCTION OF TEMPERATURE | 10/01/92-09/30/93 | LANL-INC-DP-35 PH MEASUREMENT, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES, LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING SAMPLES, | AYI |
| ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY Activity - 8.3.1.3.4.1.3 LA000000000000000000000000000000000000 | | | · · · | TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES, LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK | |
| Activity - 8.3.1.3.4.1.3 LA000000000000000000000000000000000000 | | ACON/DEVL LOCATION : LOS ALAMOS NATIONAL | LABORATORY | | |
| LA000000000000000000000000000000000000 | Activity - 8.3.1.3.4 | 1.1.3 | | | |
| LANL-INC-OP-15 CRUSHED ROCK COLUMN STUDIES LANL-INC-OP-35 PH MEASUREMENT LANL-INC-OP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS LANL-INC-OP-68 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY | LA00000000090.001 | NEPTUNIUM TRANSPORT IN YUCCA MOUNTAIN TUFFS: STATUS REPORT | 10/01/92-09/30/93 | TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES | АУІ |
| ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL LABORATORY | | 1999 - 199 1 1997 - | | LANL-INC-DP-15 CRUSHED ROCK COLUMN STUDIES LANL-INC-DP-35 PH MEASUREMENT LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVI. METHOD | PEO EDN |
| LA00000000091.001 | EFFECTS OF WATER ROCK RATIO ON SORPTION COEFFICIENTS | 10/01/92-09/30/93 | LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, LANL-INC-DP-86 SORPTION AND DESORPTION DETERMINATIONS BY BATCH SAMPLE TECHNIQUE | АУР |
| | | | FOR THE DYNAMIC TRANSPORT TASK, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING OF SAMPLES TWS-INC-DP-83 STORAGE AND HANDLING OF SOLID SAMPLES | |
| | ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL I | LABORATORY | | |
| LA00000000092.001 | SORPTION AS A FUNCTION OF TEMPERATURE | 10/01/92-09/30/93 | LANL-INC-DP-35 PH MEASUREMENT, TWS-INC-DP-62 BULK NTS WELL WATER SAMPLES, | АҮР |
| an a | | | LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS, TWS-INC-DP-79 LIQUID SCINTILLATION COUNTING SAMPLES, | |
| | n an an an an an an an an ann an ann an | n Maran an | TWS-INC-DP-83 STORAGE AND HANDLING OF Solid Samples, Lanl-Inc-dp-86 Sorption and Desorption Determinations by Batch Sample Technique for the Dynamic Transport Task | |
| | ACQN/DEVL LOCATION : LOS ALAMOS NATIONAL | LABORATORY | | |
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| Activity - 8.3.1.3. | 4.2 | | | | |
| LA00000000003.001 | THE ROLE OF SIDEROPHORES IN THE TRANSPORT OF RADIONUCLIDES | 08/01/90-06/30/92 | THE BINDING OF 239 PU(IV) BY FOUR CHELATING AGENTS IS REPORTED; A SIDEROPHORE ISOLATED AND PURIFIED FROM A | DN | P |
| | | | PSEUDOMANAS SP.; DESFERAL; EDTA; AND CITRATE. | | |
| | ACON/DEVL LOCATION : LANL | | | | |
| LA00000000003.002 | ABSORPTION SPECTRA RELATED TO CHELATION OF PLUTONIUM(IV) BY SIDEROPHORES | 07/07/82-05/29/92 | SPECTROPHOTOMETRIC DATA FROM 300 TO 1000 NANOMETERS | A N | P |
| | ACON/DEVL LOCATION : LANL | | | | |
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| LA00000000004.001 | "COLLOIDAL AGGLOMERATION" | 06/01/91-08/31/91 | INSTRUMENT READ-OUT | DY | P |
| | ACON/DEVL LOCATION : LANL | | | | |
| LA00000000004.002 | COLLOIDAL AGGLOMERATION | 07/07/82-07/09/91 | ABSORBANCE AND DIRECT MICROSCOPIC COUNTS | A N | P |
| | ACON/DEVIL LOCATION . LANI | | | | |
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| DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD 2 0 0 Activity - 8.3.1.3.5.1.1 LA000000000012.001 MEASTRED SOLUBILITIES AND SPECIATIONS OF NETTONION, ADD AMERICIUM IN A TIFICAL GROUNDATER (-3.1) FROM THE YOUCA MOUNTAIN REFORM 10/01/85-09/30/91 THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENT FROM OVERSATURATION A Y P LA0000000000012.001 MEASURED SOLUBILITIES AND SPECIATIONS OF TOTICAL GROUNDATER (-3.1) FROM THE YOUCA MOUNTAIN REFORM 10/01/91-08/24/92 THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENT FROM OVERSATURATION A Y P LA0000000000012.002 MEASURED SOLUBILITIES AND SPECIATIONS OF TOTICAL GROUNDATER (-3.1) FROM THE YOUCA MOUNTAIN REFORM (-3.1) FROM THE YOUCA MOUNTAIN STE CHARACTERIZATION FROM COVERATURATION D Y T LA000000000033.001 RADIONUCLIDE SOLUBILITY AND SPECIATION STE CHARACTERIZATION FROM COVERATURATION FROM COVERATURATION FROM COVERATURATION FROM COVERATURATION FROM COVERATURATION. A N P LA000000000033.002 MEASURED SOLUBILITIES AND SPECIATION STE COVERATURATION FROM COVERATURATION REPERTING PORTORY 10/01/92-12/30/92 THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM COVERATURATION. A N P LA000000000033.002 MEASURE SOLUBILITIES AND SPECIATION SOLUBALITY MEASUREMENTS FROM COVERATURATION FROM COVERATURATION FROMCOVERATURATION FROMCH AND MERICIN N YOURSAT | | SITE CHARACTERI | ZATION PLAN BASELIN | E | DQ AUL TAO ALC IA |
|---|--|---|---------------------|---|-------------------------------|
| Activity - 8.3.1.3.5.1.1 LA00000000012.001 MEASURED SOLUBILITIES AND SPECIATIONS OF NETTONION, FLUTONIUM, AND AMERICIUM IN A 10/01/85-09/30/91 THERMODYNAMIC DATA DETERMINED BY A Y P SOLUBILITY MEASUREMENT FROM OVERSATURATION ACQN/DEVL LOCATION : LBL LA000000000012.002 MEASURED SOLUBILITIES AND SPECIATIONS OF 10/01/91-08/24/92 THERMODYNAMIC DATA DETERMINED BY D Y T SOLUBILITY MEASUREMENTS FROM OVERSATURATION ATTPTICAL GROUNDMATE (J-13) FROM THE VUCCA MOUNTAIN REGION ACQN/DEVL LOCATION : LBL LA000000000003.001 RADIONDATES (J-13) FROM THE VUCCA MOUNTAIN REGION ACQN/DEVL LOCATION : LBL LA000000000003.001 RADIONDATES (J-13) FROM THE VUCCA MOUNTAIN SPECIATION SPECIATION OVERSATURATION OVERSATURATION ACQN/DEVL LOCATION : LBL LA00000000003.001 RADIONDATES (J-13) FROM THE VUCCA MOUNTAIN SPECIATION SPECIATION SPECIATION SPECIATION : LBL LA000000000003.001 RADIONDATES VOCCA MOUNTAIN STECLATION SPECIATION SPECIATION : LBL SUBJECT VOCENSATURATION AND AMERICIUM IN A SUBJECT VOCENSATURATION : LANGENCE BERKELEY LABORATORY LA00000000003.002 MEASURED SOLUBILITY AND SPECIATIONS SPECIATION : LANGENCE BERKELEY LABORATORY LA00000000003.002 MEASURED SOLUBILITY AND SPECIATIONS SPECIATION : MARKER FROM THE YUCCA MOUNTAIN FROJECT : ACQN/DEVL LOCATION : LANGENCE BERKELEY LABORATORY LA00000000003.002 MEASURED SOLUBILITY MARKER FROM THE YUCCA MOUNTAIN FROJECT : ACQN/DEVL LOCATION : LANGENCE BERKELEY LABORATORY A N P SOLUBILITY MEASUREMENTS FROM THE YUCCA MOUNTAIN FROJECT : ACQN/DEVL LOCATION : LANGENCE BERKELEY LABORATORY | DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | TFT YII PEO EDN |
| LA00000000012.001 MEASURED SOLUBILITIES AND SPECIATIONS OF NETTICAL GROUNDWARK (J-0) ANKRICIUM IN A ACON/DEVL LOCATION : LBL ACON/DEVL LOCATION : LBL LA00000000012.002 MEASURED SOLUBILITIES AND SPECIATIONS OF 10/01/91-08/24/92 THERMODYNAMIC DATA DETERMINED BY D Y T SOLUBILITY MEASUREMENTS FROM OVERSATURATION ACON/DEVL LOCATION : LBL LA000000000032.002 MEASURED SOLUBILITIES AND SPECIATIONS OF 10/01/91-08/24/92 THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION ACON/DEVL LOCATION : LBL LA000000000033.001 RADIONUCLIDE SOLUBILITY AND SPECIATION 10/01/85-12/30/92 THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION ACON/DEVL LOCATION : LBL LA00000000033.002 HEASURED SOLUBILITY AND SPECIATIONS OF 10/01/85-12/30/92 THERMODYNAMIC DATA DETERMINED BY A N P SOLUBILITY MEASUREMENTS FROM OVERSATURATION FROM OVERSATURATION REPORT. ACON/DEVL LOCATION : LANGENCE BERKELEY LABORATORY LA00000000033.002 HEASURED SOLUBILITY EASUREMENTS OF NETTURING AND SPECIATION OVERSATURATION. DI/01/92-12/30/92 THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION REPORTS FROM OVERSATURATION REPORTS OF NETURING SOLUBILITY MEASUREMENTS FROM OVERSATURATION ACON/DEVL LOCATION : LANGENCE BERKELEY LABORATORY LA00000000033.002 HEASURED SOLUBILITY EXPONENT OF NETURING AND SPECIATION REPORT IN OURSATURATION. DI/01/92-12/30/92 THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION REPORT REPORT OF NETURING REPORT | Activity - 8.3.1.3. | 5.1.1 | | | |
| ACQN/DEVL LOCATION : LBL LA00000000012.002 MEASURED SOLUBILITIES AND SPECIATIONS OF 10/01/91-08/24/92 THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION D Y T NEPTUNIUM, PLUTONIUM, AND AMERICIUM IN A TYPICAL GROWNANTER (J-13) FROM THE YUCCA MOUNTAIN REGION 10/01/91-08/24/92 THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION D Y T LA00000000033.001 RADIONUCLIDE SOLUBILITY AND SPECIATION 10/01/85-12/30/92 THERMODYNAMIC DATA DETERMINED BY CHARACTERIZATION PROJECT. A N F ACQN/DEVL LOCATION : LBM 10/01/85-12/30/92 THERMODYNAMIC DATA DETERMINED BY CHARACTERIZATION PROJECT. A N F ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY 01/01/92-12/30/92 THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION EXPERIMENTS OF FROM OVERSATURATION SUBJECT 01/01/92-12/30/92 LA000000000033.002 MEASURED SOLUBILITIES AND SPECIATIONS MOTORY 01/01/92-12/30/92 THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION AND AMERICUM IN NO AMERICUM IN NUESSATURATION AND AMERICUM IN NO AMERICUM IN PROJECT ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY | LA00000000012.001 | MEASURED SOLUBILITIES AND SPECIATIONS OF NEPTUNIUM, PLUTONIUM, AND AMERICIUM IN A TYPICAL GROUNDWATER (J-13) FROM THE YUCCA MOUNTAIN REGION | 10/01/85-09/30/91 | THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENT FROM OVERSATURATION | АЧР |
| LA00000000012.002 MEASURED SOLUBILITIES AND SPECIATIONS OF 10/01/91-08/24/92 THERMODYNAMIC DATA DETERMINED BY D Y T NEPTUNIUM, PLUTONIUM, AND AMERICIUM IN A TYPICAL GROUMDWATER (J-13) FROM THE VUCCA MOUNTAIN REGION ACQN/DEVL LOCATION : LBL LA000000000033.001 RADIONUCLIDE SOLUBILITY AND SPECIATION 10/01/85-12/30/92 THERMODYNAMIC DATA DETERMINED BY A N P SOLUBILITY MEASUREMENTS FROM OVERSATURATION. ACQN/DEVL LOCATION : LAW A N P SOLUBILITY MEASUREMENTS FROM OVERSATURATION. ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY LA00000000033.002 MEASURED SOLUBILITIES AND SPECIATIONS NEPTUNIUM, PLUTONIUM AND AMERICIUM IN UE25941 WELL WATER FROM THE YUCCA MOUNTAIN PROJECT ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY D N P SOLUBILITY MEASUREMENTS FROM OVERSATURATION. | | ACQN/DEVL LOCATION : LBL | | | |
| ACQN/DEVL LOCATION : LEL LA00000000033.001 RADIONUCLIDE SOLUBILITY AND SPECIATION 10/01/85-12/30/92 THERMODYNAMIC DATA DETERMINED BY A N P SUBSTITUES FOR THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT. ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY LA00000000033.002 MEASURED SOLUBILITIES AND SPECIATIONS 01/01/92-12/30/92 THERMODYNAMIC DATA DETERMINED BY D N P SOLUBILITY MEASUREMENTS FROM OVERSATURATION EXPERIMENTS OF NEFTURINUM, PLOTONIUM AND AMERICIUM IN UE25P\$1 WELL WATER FROM THE YUCCA MOUNTAIN PROJECT ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY | LA00000000012.002 | MEASURED SOLUBILITIES AND SPECIATIONS OF NEPTUNIUM, PLUTONIUM, AND AMERICIUM IN A TYPICAL GROUNDWATER (J-13) FROM THE YUCCA MOUNTAIN REGION | 10/01/91-08/24/92 | THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION | DҮТ |
| LA0000000033.001 RADIONUCLIDE SOLUBILITY AND SPECIATION STUDIES FOR THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT. ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY LA00000000033.002 MEASURED SOLUBILITIES AND SPECIATIONS FROM OVERSATURATION EXPERIMENTS OF NEFTUNIUM, PLUTONIUM AND AMERICIUM IN UE25P41 WELL WATER FROM THE YUCCA MOUNTAIN PROJECT ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY | · · · · · | ACQN/DEVL LOCATION : LBL | | | |
| ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY LA00000000033.002 MEASURED SOLUBILITIES AND SPECIATIONS FROM OVERSATURATION EXPERIMENTS OF NEPTUNIUM, PLUTONIUM AND AMERICIUM IN UE25P#1 WELL WATER FROM THE YUCCA MOUNTAIN PROJECT ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY | LA00000000033.001 | RADIONUCLIDE SOLUBILITY AND SPECIATION STUDIES FOR THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT. | 10/01/85-12/30/92 | THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION. | ANP |
| LA0000000033.002 MEASURED SOLUBILITIES AND SPECIATIONS 01/01/92-12/30/92 THERMODYNAMIC DATA DETERMINED BY D N P FROM OVERSATURATION EXPERIMENTS OF NEPTUNIUM, PLUTONIUM AND AMERICIUM IN UE25P#1 WELL WATER FROM THE YUCCA MOUNTAIN PROJECT ACQN/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY | | ACON/DEVL LOCATION : LAWRENCE BERKELEY LA | BORATORY | | |
| ACON/DEVL LOCATION : LAWRENCE BERKELEY LABORATORY | LA00000000033.002 | MEASURED SOLUBILITIES AND SPECIATIONS FROM OVERSATURATION EXPERIMENTS OF NEPTUNIUM, PLUTONIUM AND AMERICIUM IN UE25P‡1 WELL WATER FROM THE YUCCA MOUNTAIN PROJECT | 01/01/92-12/30/92 | THERMODYNAMIC DATA DETERMINED BY SOLUBILITY MEASUREMENTS FROM OVERSATURATION. | DNP |
| | | ACON/DEVL LOCATION : LAWRENCE BERKELEY LA | BORATORY | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | Y I P E E D | 1 0 N - |
| LA00000000053.001 | ACTINIDE (IV) AND ACTINIDE (VI) CARBONATE SPECIATION STUDIES BY PAS AND NMR SPECTROSCOPIES. | 07/09/90-01/07/93 | PULSED-LASER PHOTOACOUSTIC SPECTROSCOPY (PAS) AND FOURIER-TRANSFORM NUCLEARMAGNETIC RESONANCE (NMR) SPECTROSCOPY HAVE BEEN EMPLOYED TO STUDY THE SPECIATION OF ACTINIDE (IV) AND (VI) IONS. | DY | Ŧ |
| | ACQN/DEVL LOCATION : LANL | | n an | | |
| Activity - 8.3.1.3. | .6.1.1 | | | | |
| LA0000000005.001 | RADIONUCLIDE MIGRATION LABORATORY STUDIES FOR VALIDATION OF BATCH SORPTION STUDIES DATA | 05/01/85-09/30/90 | BATCH SORPTION EXPERIMENTS; COLUMN EXPERIMENTS WITH CRUSHED TUFF AND PURE MINERALS AND SOLID TUFF; DIFFUSION EXPERIMENTS UTILIZING SOLID TUFF FOLLOWING | DΥ | P |
| | en an an an an Arthur an | : Y ' | 66, AND 67. WORK IS INTENDED TO VALIDATE BATCH SORPTION DATA UTILIZING LABORATORY TRANSPORT EXPERIMENTS UNDER ADVECTIVE DIFFUSIVE CONDITIONS. | | |
| | ACQN/DEVL LOCATION : LANL | | | | |
| LA00000000006.001 | LABORATORY STUDIES OF RADIONUCLIDES MIGRATION IN TUFF. | 01/01/82-09/30/89 | WORK UTILIZED COLUMN EXPERIMENTS WITH CRUSHED SOLID AND FRACTURED TUFF. | DY | P |
| | ACON/DEVL LOCATION : LANL | | | | |
| LA0000000008.001 | ACTINIDE BEHAVIOR ON CRUSHED ROCK COLUMNS. | 01/01/88-06/30/92 | CRUSHED TUFF COLUMNS WERE UTILIZED FOLLOWING LANL/YMP DP 15, 35, 62 AND 63. THE WORK DESCRIBES THE TRANSPORT OF ACTINIDES IN CRUSHED TUFF COLUMNS. | DΥ | P |
| | ACON/DEVL LOCATION : LANL | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| LA00000000009.001 | RADIONUCLIDE MIGRATION AS A FUNCTION OF MINERALOGY. | 04/01/90-04/30/91 | BATCH SORPTION EXPERIMENTS AND COLUMNS WITH CRUSHED PURE MINERALS WERE UTILIZED FOLLOWING LANL/YMP DP'S 86, 15, 35, 62, 4 63 TO STUDY MIGRATION OF RADIONUCLIDES AS | DYP |
| ta de la compañía. | ACON/DEVL LOCATION : LANL | | A FUNCTION OF MINERALOGY. | |
| LA000000000010.001 | THE ELUTIONS OF RADIONUCLIDES THROUGH COLUMNS OF CRUSHED ROCK FROM THE NEVADA TEST SITE. | 10/01/76-10/30/92 | THIS WORK UTILIZED CRUSHED ROCK COLUMNS FOLLOWING LANL/YMP DETAILED PROCEDURE 15 AND DESCRIBES THE ELUTIONS OF RADIONUCLIDES THROUGH COLUMNS OF CRUSHED TUFF, GRANITE, AND ARGILLITE. | DYP |
| | ACQN/DEVL LOCATION : LANL | | n an Arlandar († 1997) 1990 - Alexandra Maria, francészer († 1997) 1990 - Alexandra Maria, francészer († 1997) | |
| LA00000000035.001 | TRANSPORT OF NEPTUNIUM THROUGH YUCCA MOUNTAIN TUFFS | 04/20/92-09/17/92 | THE EXPERIMENTS CONDUCTED CONSIST OF BATCH SORPTION MEASUREMENTS AND COLUMN EXPERIMENTS WITH CRUSHED TUFF AND PURE MINERIAL SEPARATES. | LANP |
| and the second sec | ACON/DEVL LOCATION : LANL | al teachd a charail a charail | Little de la construction de la cons Little de la construction de la cons | |
| LA00000000035.002 | NEPTUNIUM RETARDATION WITH TUFFS AND GROUNDWATER FROM YUCCA MOUNTAIN | 04/20/92-09/17/92 | THE EXPERIMENTS CONSIST OF BATCH SORPTION MEASUREMENTS AND COLUMN EXPERIMENTS WITH CRUSHED TUFF AND PURE MINERAL SEPARATES | ANP |
| | ACON/DEVL LOCATION : LANL | | | |
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| | SITE CHARACTER | IZATION PLAN BASELIN | NE | |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | TFT YII PEO EDN |
| LA00000000090.001 | NEPTUNIUM TRANSPORT IN YUCCA MOUNTAIN TUFFS: STATUS REPORT | 10/01/92-09/30/93 | TWS-INC-DP-79 LIQUID SCINTILLATION Counting of samples TWS-INC-DP-62 Bulk NTS Well Water samples TWS-INC-DP-83 STORAGE AND HANDLING OF | АУР |
| | | | SOLID SAMPLES LANL-INC-DP-15 CRUSHED ROCK COLUMN STUDIES LANL-INC-DP-35 PH MEASUREMENT LANL-INC-DP-63 PREPARATION OF NTS CORE SAMPLES FOR CRUSHED ROCK EXPERIMENTS LANL-INC-DP-86 SORPTION AND DESORPTION | ■ 100 ± 100 100 ± 100 100 ± 100 100 100 |
| | ACON/DEVL LOCATION : LOS ALAMOS NATIONAL | ABORATORY | DETERMINATIONS BY BATCH SAMPLE TECHNIQUE FOR THE DYNAMIC TRANSPORT TASK | |
| Activity - 8.3.1.3. | 6.2.1 | | | • |
| LA00000000034.001 | DIFFUSION OF SORBING AND NON-SORBING RADIONUCLIDES | 11/25/91-03/25/92 | THE EXPERIMENTAL TECHNIQUE INVOLVES MAKING CONTAINERS MADE OF TUFF INTO THE FORM OF BEAKERS. A SOLUTION OF J-13 WELL WATER AND BADIONICI DES OF INTERES | AYC |
| | ACON/DEVL LOCATION : LANL | | MD MULTONOLDIDES OF INIEREST. | |
| LA00000000034.002 | DIFFUSION OF SORBING AND NON-SORBING RADIONUCLIDES. | 11/25/91-03/25/92 | DIFFUSION MEASUREMENTS IN ROCK BEAKERS. | "D-Y T |
| | ACON/DEVL LOCATION : LANL | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| Activity - 8.3.1.3. | 6.2.2 | | | |
| LA00000000007.001 | DIFFUSION OF NONSORBING TRACERS IN YUCCA MOUNTAIN TUFF. | 05/01/85-11/30/87 | FOLLOWED LANL/YMP DP'S 66, 62, 35, AND 60. DIFFUSION OF NONSORBING RADIONUCLIDES INTO SATURATED TUFF WAS STUDIED USING DIFFUSION CELLS. | DYP |
| | ACQN/DEVL LOCATION : LANL | | | |
| Activity - 8.3.1.4. | 1.2 | | 1 | |
| TMUE25UZ160094.001 | VERTICAL SEISMIC PROFILE (VSP) OF UE-25 UZ-16 (JOB ID #93-UZ16-01) PERFORMED BY SCHLUMBERGER WELL SERVICES ON 8/3/93 THROUGH 8/6/93. DATA CONSISTS OF 2 TAPES: 1 TAPE OF BOLT OMNIPULSE DATA AND 1 TAPE OF IVI MINIVIBE DATA. | 08/03/93-08/06/93 | GEOPHYSICAL LOGGING DATA COLLECTED USING PROCEDURE AP-S.III.1-Q, REV. 0, ICN 0, 6/11/93, "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FIELD VERIFICATION OF GEOPHYSICAL LOGGING OPERATIONS" | A Y C |
| | ACQN/DEVL LOCATION : N760.535.17(N) E564, | 857.52(N) 52' TO 168 | | |
| 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 | 06/29/93-06/30/93 | GEOPHYSICAL LOGGING DATA COLLECTED USING PROCEDURE AP S.III.1-Q, REV. O, ICN O, 6/11/93, "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FIELD VERIFICATION OF GEOPHYSICAL LOGGING OPERATIONS." | А У Р |
| | FORMATS). | | | |
| en e | ACQN/DEVL LOCATION : N766726.3(N) E564187 | .2(N) O' TO 1096' | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | 18 and the second state of the second state | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | |
| 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" | А У Р |
| | ACON/DEVL LOCATION : N766726.3(N) E564187. | 2 (N) 40' TO 1080' | and the second | |
| TMUSWWT2000094.001 | VERTICAL SEISMIC PROFILE (VSP) OF BOREHOLE USW WT-2 (JOB ID# 93-WT2-01) PERFORMED BY LAWRENCE BERKLEY LABORATORY (LBL). DATA CONSISTS OF LOGGER'S LOG AND DATA TAPES OF DIGITIZED WAVEFORMS. | 08/24/93-08/27/93 | GEOPHYSICAL LOGGING DATA COLLECTED USING PROCEDURE AP S.III.1-Q, REV. 0, ICN 0, 6/11/93, "YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT FIELD VERIFICATION OF GEOPHYSICAL LOGGING OPERATIONS." | А Ү Р |
| | ACON/DEVL LOCATION : N760,660.54'(N) E561, | 923.56' (N) 60' TO 2 | 2010' | |
| Activity - 8.3.1.4. | .2.1 | | | |
| **GS900908314211.007 | A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA, BY U.S. GEOLOGICAL SURVEY. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL | 01/01/83-11/06/84 | USGS STANDARD METHODS. | DNT |
| | STABILITY, SUBSURFACE DRILLING & MINING | | | |
| | ACQN/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVI. METHOD | TFT YII PEO EDN |
| Activity - 8.3.1.4. | 2.1.1 | | | |
| GS900908314211.001 | GEOLOGY OF THE TWINRIDGE PLUTON AREA, NEVADA TEST SITE, NEVADA, BY F. MALDONADO | 01/01/81-12/31/81 | LIBRARY RESEARCH. THIS REPORT IS PART OF A STUDY TO CHARACTERIZE CRYSTALLINE BODIES FOR POSSIBLE NUCLEAR WASTE REPOSITORY SITES AT THE NTS. | DNC |
| | ACONIDEVE ENCATION : USGS, DENVER, CO | | | |
| GS900908314211.012 | STRATIGRAPHIC CORRELATION AND PETROGRAPHY OF THE BEDDED TUFFS, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY S.F. DIEHL & M.P. CHORNACK. | 01/01/88-12/29/88 | USGS STANDARD METHODS. DETAILED FIELD, PETROLOGIC, AND SCANNING ELECTRON MICROSCOPIC EXAMINATION OF COMPONENTS AND INTERNAL STRUCTURES OF BEDDED TUFFS. DENSITY AND POROSITY VALUES FOR PYROCLASTIC-FALL AND NONWELDED PYROCLASTIC-FILW DEPOSITS FROM THE BASE OF THE TIVA CANYON MEMBER OF THE PAINTBRUSH TUFF TO THE BASE OF THE TRAM MEMBER OF THE CRATER FLAT THEF | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| **GS900908314211.014 | THREE-DIMENSIONAL MODELING OF THE NEVADA TEST SITE AND VICINITY FROM TELESEISMIC P-WAVE RESIDUALS, BY M.E. MONFORT AND J.R. EVANS. | 01/01/80-12/31/81 | TELESEISMIC P-WAVE TRAVEL-TIME RESIDUAL STUDY USED TO REVEAL THE REGIONAL COMPRESSIONAL-VELOCITY STRUCTURE OF CALIFORNIA TO A DEPTH OF 280 KM. | DŊŢ |
| | ACON/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
| **GS910708314211.011 | ASSESSING THE NATURAL PERFORMANCE OF FELSIC TUFFS USING THE RB-SR AND SM-ND SYSTEMSA STUDY OF THE ALTERED ZONE IN | 07/01/90-11/30/90 | GCP-12, RB-SR ISOTOPE GEOCHEMISTRY AND GCP-21, SM-ND ISOTOPE GEOCHEMISTRY. SR | DNT |
| The state of the second s | THE TOPOPAH SPRING MEMBER, PAINTBRUSH TUFF, YUCCA MOUNTAIN, NEVADA, BY Z.E. PETERMAN, R.W. SPENGLER, K. FUTA, B.D. | an a | SM CONCENTRATIONS FROM DRILL CORE SPECIMANS FROM UE-25A #1. THIS STUDY UNDERTAKEN TO HELP DETERMINE THE VERTICAL | |
| | MARSHALL, AND S.A. MAHAN. | | 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 | 1 |
| | | | VITROPHIRE, AND 2) DENSELY WELDED HIGH-SILICA RHYOLITE. ISOTOPES AND MINOR | |

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| | 1912 - La Contra da Antonio Martino de Antonio | | AND TRACE-ELEMENT CONCENTRATIONS DETERMINED BY EDXRF OR ISOTOPIC DILUTION. DATA RESULTS PRESENTED IN TABULAR AND GRAPHICAL FORMATS. | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | n men en ante en la companya de la c La companya de la comp | |
| GS910808314211.010 | MINOR AND TRACE ELEMENT CONCENTRATIONS FROM CORE SAMPLES. | 05/01/89-08/30/89 | IN ACCORDANCE WITH NWM-USGS-GCP-12, R1. | DNT |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| G5920908314211.002 | STRATIGRAPHIC AND STRUCTURAL RELATIONS OF VOLCANIC ROCKS IN DRILL HOLES USW GU-3 AND USW G-3, YUCCA MOUNTAIN, NYE COUNTY, NEVADA BY ROBERT B. SCOTT AND MAYRA CASTELLANOS | 06/01/82-11/21/83 | INTERPRETATION OF GEOLOGIC RELATIONS BASED ON GEOPHYSICAL LOGS OF CORE WERE CORRELATED WITH SIMILAR RESULTS OF DRILLING IN CENTRAL AND NORTHERN YUCCA MOUNTAIN AND WITH RESULTS OF SURFACE MAPPING TO PRODUCE A CONCEPTUAL MODEL OF THE GEOLOGY OF THE ROCK VOLUME BEING CONSTRUCTION FOR THE ROCK VOLUME BEING | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | CONSIDERED FOR THE FOIENTIAL REFOSITORI. | |
| **GS920908314211.003 | STRATIGRAPHIC AND STRUCTURAL CHARACTERISTICS OF VOLCANIC ROCKS IN CORE HOLE USW G-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA BY RICHARD W. SPENGLER AND M.P. CHORNACK WITH A SECTION ON GEOPHYSICAL LOGS BY D.C. MULLER AND J.E. KIBLER | 01/01/81-02/17/84 | INTERPRETATION OF STUDIES OF CORE INCLUDING DESCRIPTION OF LITHOLOGIC, STRATIGRAPHIC AND STRUCTURAL FEATURES, X-RAY ANALYSES, MINERALOGIC AND ROCK QUALITY STUDIES, DEGREE OF ALTERATION AND MEGASCOPIC DESCRIPTION. INTERPRETATION OF ORIENTED CORE AND DOWNHOLE TELEVISION CAMERA OBSERVATIONS TO OBTAIN DATA ON THE ORIENTATION OF FOLIATION, BEDDING PLANES, AND FRACTURES. INTERPRETATION OF CEODUSSICAL LOCS | . D N T |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | • • • · · · · · · · · · · · · · · · · · | GEOFRISICAL LOGS. | |

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| GS920908314211.004 | PRELIMINARY REPORT ON THE GEOLOGY AND GEOPHYSICS OF DRILL HOLE UE25A-1, YUCCA MOUNTAIN, NEVADA TEST SITE BY RICHARD W. SPENGLER, D.C. MULLER, AND R.B. LIVERMORE | 07/01/78-05/04/79 | EXAMINATION OF CORE. CORRELATION OF LITHOLOGY, STRUCTURAL PROPERTIES, AND GEOPHYSICAL LOGS. | DNC |
| | 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. | ANC |
| | ACON/DEVI LOCATION : USGS, DENVER, CO | | | |
| GS930108314211.002 | PRELIMINARY LITHOLOGIC LOG OF TEST HOLE UE-25 UZ #5, NEVADA. | 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. | ANC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| **GS930108314221.004 | X-RAY FLUORESCENCE ELEMENTAL COMPOSITIONS 7/13/90 TO 12/5/90. INCLUDES PAINTBRUSH CANYON REFERENCE SECTION, UE-25 A#1 AND UE-25 B-1H (B#1). | 07/13/90-12/05/90 | ALTHOUGH THE TECHNICAL PROCEDURE WAS NOT IN EFFECT AT TIME OF ANALYSIS, THESE SAMPLES WERE ANALYZED IN ACCORDANCE WITH GCP-25,R0, DETERMINATION OF CHEMICAL COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY. | А У Р |
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| 38930208314211.004 | PRELIMINARY LITHOLOGY WELL REPORTS; USW WT-1, WT-2, WT-7 & WT-10, AND UE-25 WT #3, #16, #17 & #18. | 02/01/84-04/23/88 | THESE DATA WERE ACQUIRED FROM ANALYSIS OF CORE DRILLED PRIOR TO 1984. DATA ARE GEOPHYSICAL LOGS MADE FROM SCIENTIFIC OBSERVATIONS OF BIT CUTTING SAMPLES. | A N |
| | ACON/DEVL LOCATION : USGS, DENVER, CO. | | | .* |
| GS930208314211.005 | STRATIGRAPHY AND STRUCTURE OF VOLCANIC ROCKS IN DRILL HOLE USW-G1 (USW G-1), YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY R.W. SPENGLER, F.M. BYERS, AND J.B. WARNER. | 01/01/81-11/02/81 | DESCRIPTIONS AND INTERPRETATIONS OF THE STRATIGRAPHY, STRUCTURE (SHEAR FRACTURES, JOINTS, FOLIATION AND LAYERING, FAULT ZONES, AND FRACTURE COATINGS), AND THE LITHOLOGIC LOG FOR DRILLHOLE USW G-1. METHODS USED INCLUDE CORE LOGGING AND PETROGRAPHIC STUDIES OF THIN SECTIONS. CHEMICAL ANALYSES USED AS AN AID IN ROCK CLASSIFICATION. X-RAY DIFFRACTION ANALYSIS USED TO IDENTIFY ALTERATION PRODUCTS. | DN |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930208314211.006 | PRELIMINARY LITHOLOGY WELL REPORT FOR UE-25 WT #6 | 02/01/84-04/23/88 | GEOPHYSICAL LOGS MADE FROM SCIENTIFIC Observations of bit cutting samples of Core drilled prior to february, 1984. | A N |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930208314211.007 | GEOLOGY OF DRILL HOLE USW VH-2 AND STRUCTURE OF CRATER FLAT, SOUTHWESTERN NEVADA, BY W.J. CARR AND L.D. PARRISH. | 01/01/84-07/23/85 | DESCRIPTIONS AND INTERPRETATIONS OF PREVIOUSLY FUBLISHED AND UNFUBLISHED DATA/INFORMATION INCLUDING: STRATIGRAPHY AND LITEOTOGY STRUCTURAL CHARACTERISTICS | D N |
| | | | AND GEOPHYSICAL LOGS FOR USW VH-2. | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| GS930208314211.008 | STRATIGRAPHY, STRUCTURE AND SOME PETROGRAPHIC FEATURES OF TERTIARY VOLCANIC ROCKS AT THE USW G-2 DRILLHOLE, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY F. MALDONADO AND S.L. KOETHER. | 01/01/82-08/26/83 | DESCRIPTIONS AND INTERPRETATIONS OF THE DRILL HOLE HISTORY, STRATIGRAPHY, LITHOLOGY, FOLIATION AND BEDDING, FRACTURE ANALYSIS (FRACTURES, SHEAR FRACTURES AND FAULT ZONES, FRACTURE-FILLINGS AND COATINGS, AND CORE INDEX); AND THE MINERALS PRESENT IN CORE SAMPLES USING THE X-RAY DIFFRACTION METHOD. | D N T |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | and the second second second second second | |
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| 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. | DNC |
| | ACQN/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
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| GS930408314211.011 | SEARCH FOR POTENTIAL SITES BY G.L. DIXON AND V.M. GLANZMAN FY 1982 REPORT. | 01/01/83-01/01/84 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL AND GEOPHYSICAL STUDIES INCLUDING STRATIGRAPHY, FRACTURE DATA, | DNC |
| | | | MAGNETIC, GRAVITY, AND PHYSICAL PROPERTIES. | |
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| 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). | DI | NC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO. | | | | •. |
| GS930508314211.013 | SEARCH FOR POTENTIAL SITES, BY G.L. DIXON AND V.M. GLANZMAN FY 1981 REPORT. | 01/01/82-01/01/83 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL AND GEOPHYSICAL STUDIES INCLUDING STRATIGRAPHIC. PETROGRAPHIC. | DI | NC |
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| | ACON/DEVL LOCATION : USGS, DENVER, CO. | | | | |
| GS930508314211.014 | INVENTORY OF CLAY-RICH BEDROCK AND METAMORPHIC DERIVATIVES IN EASTERN NEVADA, EXCLUDING THE NEVADA TEST SITE, BY H.E. SIMPSON, J.W. WEIR, JR., AND L.A. WOODWARD | 01/01/78-01/01/79 | SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED WORK. | Dł | 4 C |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | an a | | |
| GS930508314211.016 | COMPUTER-ASSISTED STRATIGRAPHIC SYNTHESIS: A PROGRESS REPORT, APRIL 23, 1993, BY R.W. SPENGLER, W.C. HUNTER, AND D.C. BUESCH. | 04/12/93-04/23/93 | CONSTRUCTION OF DEMONSTRATION MODEL WAS BASED ON INTEGRATION OF SEVERAL SOURCES OF DATA FROM BOREHOLES, SURFACE GEOLOGY, TOPOGRAPHIC DATA, AND PRIMARY, SECONDARY, AND TERTIARY CROSS SECTIONS. DATA WERE | DI | ₹ P |
| • • • • | | | SYNTHESIZED INTO DIGITIZED DATA FILES FOR USE WITH LYNX GEOSYSTEMS SOFTWARE | | |
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| **GS930508314211.017 | STOP 1: TIMBER MOUNTAIN CALDERA, BY F.M. BYERS, JR., W.J. CARR, AND P.P. ORKILD | 01/01/88-04/18/89 | AUTHORS' VISUAL DESCRIPTIONS, INTERPRETATIONS AND SUMMARIES OF PREVIOUSLY PUBLISHED REPORTS. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| **GS930508314211.018 | STOP 9: TYPE SECTION OF THE CRATER FLAT TUFF, BY W.J. CARR AND F.M. BYERS, JR. | 01/01/88-04/18/89 | AUTHORS' VISUAL DESCRIPTIONS, INTERPRETATIONS AND SUMMARIES OF PREVIOUSLY PUBLISHED REPORTS. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | , |
| **GS930508314211.019 | STOP 11: GEOLOGIC FEATURES AT FRAN RIDGE, BY R.W. SPENGLER AND W.R. PAGE | 01/01/88-04/18/89 | AUTHORS' VISUAL DESCRIPTIONS, SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED REPORTS. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| **GS930508314211.020 | STOP 8: SPRING DEPOSITS OF THE NORTHERN AMARGOSA DESERT, BY WC SWADLEY | 01/01/88-04/18/89 | AUTHOR'S VISUAL DESCRIPTIONS, SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED REPORTS. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | $(1,1,\dots,1,n) \in \mathbb{R}^{n}$ | | 4 - X |
| **GS930508314211.021 | STOP 13A: OVERVIEW OF STRATIGRAPHY; STRUCTURE AND TECTONICS FROM THE CREST OF YUCCA MOUNTAIN, BY R.W. SPENGLER AND | 01/01/88-04/18/89 | AUTHORS' SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED REPORTS. | DNC |
| | K.F. FOX, JR. | | | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
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| GS930508314212.007 | SEARCH FOR POTENTIAL SITES, BY G.L. DIXON AND D.B. HOOVER FY 1979 REPORT. (WARMONIE FLAT, CALICO HILLS, YUCCA MOUNTAIN, SYNCLINE RIDGE) | 01/01/81-01/01/82 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS OF GEOLOGICAL AND GEOPHYSICAL STUDIES. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO. | | | |
| | | | [14] A. M. Martin, M. M. Martin, M. M. Martin, M. M. Martin, and M. M. Martin, and M. M. Martin, and M. M. Martin, and Martin, and M. Martin, a Martin, and M. Martin, and Martin, and M. Martin, and Martin, and Martin, and M. Martin, and M. Martin, and M. Mar | |
| GS930608314211.003 | GEOLOGIC MAP OF THE JACKASS FLATS AREA, NYE COUNTY, NEVADA, BY FLORIAN MALDONADO. | 01/01/81-12/29/81 | AUTHOR'S INTERPRETATION AND COMPILATION OF NINE 7 1/2 MINUTE QUADRANGLES THAT WERE MAPPED BETWEEN 1961 AND 1965. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | · · · · · | |
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| GS930608314211.022 | POTENTIAL SITES FOR A SPENT UNREPROCESSED FUEL FACILITY (SURFF), SOUTHWESTERN PART OF THE NEVADA TEST SITE, BY D.L. HOOVER, EDWIN B. ECKEL, AND JANE P. OHL CHARACTERIZATION OF TOPOGRAPHY, GEOMORPHOLOGY, AND GEOLOGY | 01/01/77-01/01/78 | SUMMARIES AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED REPORTS. | DNC |
| | of Jackass flats | | the second se | |
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| GS930708312232.020 | LOGBOOKS AND OTHER DRILLING DATA FOR USW UZ-6. | 06/14/84-08/29/84 | STANDARD USGS METHODS FOR CHRONOLOGICAL FIELD RECORD OF DRILLING, DRILL RATE CURVE, DIRECTIONAL SURVEY, MAGNETIC SUSCEPTIBILITY. | ANC |
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| GS930708314211.024 | MAP SHOWING SURFICIAL GEOLOGY OF THE LATHROP WELLS QUADRANGLE, NYE COUNTY, NEVADA BY W C SWADLEY. SCALE OF 1:48, 000. | 01/01/80-01/01/81 | DESCRIPTION AND CHARACTERIZATION OF SURFICIAL DEPOSITS INCLUDING STREAM ALLUVIUM, ALLUVIAL FAN, EOLIAN, AND LACUSTRINE DEPOSITS THAT ARE SUBDIVIDED BY AGE, LITHOLOGY, AND DEPOSITIONAL ENVIRONMENT. MAP SCALE IS 1:48,000. | D | N (| 2 |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | | |
| GS930708314211.025 | GEOLOGIC MAP OF THE NORTHWEST QUARTER OF THE BULLFROG 15-MINUTE QUADRANGLE, NYE COUNTY, NEVADA, BY FLORIAN MALDONADO. | 01/01/85-04/09/86 | COMPILATION OF GEOLOGIC DATA AND ALLUVIAL DEPOSITS MAPPED ON AERIAL PHOTOS COMBINED WITH PREVIOUSLY PUBLISHED DATA AT A SCALE OF 1:24,000. | D | И (| C |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | | |
| GS930708314211.026 | GEOLOGIC MAP OF THE NORTHEAST QUARTER OF THE BULLFROG 15-MINUTE QUADRANGLE, NYE COUNTY, NEVADA, BY FLORIAN MALDONADO AND BRIAN P. HAUSBACK. | 01/01/88-02/22/89 | AUTHORS' COMPILATION AND INTERPRETATION OF 1) GEOLOGY MAPPED ON AERIAL PHOTOS, 2) ALLUVIAL DEPOSITS PLOTTED ON PHOTOGRAPHS, AND 3) PREVIOUSLY PUBLISHED DATA. | D | N (| C |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | | |
| **G5930708314211.028 | PRELIMINARY LITHOLOGIC LOG OF TEST HOLE USW UZ-13, NEVADA. | 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 | И | С |
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| GS930708314211.029 | PRELIMINARY LITHOLOGIC LOG OF TEST HOLE USW UZ-6, NEVADA. | 10/01/84-07/31/85 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE DRILLED PRIOR TO MAY 1985. INVESTIGATOR USED X-RAY ANALYSIS, THIN SECTIONS AND SCIENTIFIC OBSERVATIONS. | A | NC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | |
| **GS930708314211.030 | PRELIMINARY LITHOLOGY WELL REPORTS: UE-25 WT #4, USW WT-11, AND UE-25 WT #12 | 02/01/84-04/23/88 | ANALYSIS OF CORE DRILLED PRIOR TO 1984. GEOPHYSICAL LOGS MADE FROM SCIENTIFIC OBSERVATIONS OF BIT CUTTING SAMPLES. | A | N T |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | |
| **GS930708314211.031 | PRELIMINARY LITHOLOGIC LOG OF TEST HOLE USW UZ-7, NEVADA. THESE DATA SUPERSEDE METRIC CONVERSIONS IN LITHOLOGIC LOG, TABLE 3, USGS OFR 88-465, PREVIOUSLY IDENTIFIED BY GS900908312232.001 | 05/17/85-07/31/85 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE DRILLED PRIOR TO MAY 1985. INVESTIGATOR USED X-RAY ANALYSIS, THIN SECTIONS AND SCIENTIFIC OBSERVATIONS. | A | N P |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | |
| **GS930708314211.032 | PRELIMINARY LITHOLOGIC LOG OF TEST HOLES UE-25C #1, UE-25C #2, AND UE-25C #3, NEVADA. | 02/01/84-07/31/85 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE DRILLED PRIOR TO MAY 1985. INVESTIGATOR USED X-RAY ANALYSIS, THIN SECTIONS AND SCIENTIFIC OBSERVATIONS. | A | NC |
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| GS930708314211.033 | PRELIMINARY LITHOLOGIC LOG OF TEST HOLE USW U2-1. | 02/01/84-07/31/85 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE DRILLED PRIOR TO MAY, 1985. INVESTIGATOR USED X-RAY ANALYSIS, THIN SECTIONS AND SCIENTIFIC OBSERVATIONS. | AN | c |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | |
| GS930708314211.040 | BEDROCK GEOLOGIC MAP OF THE LONE MOUNTAIN PLUTON AREA, ESMERALDA COUNTY, NEVADA, BY FLORIAN MALDONADO. | 01/01/83-01/01/84 | MAP IS A COMPILATION OF FIELD DATA AND AERIAL PHOTO ANALYSIS INTEGRATED WITH PREVIOUSLY PUBLISHED DATA. CHARACTERIZATION OF MAJOR STRUCTURAL FEATURES INCLUDE HOMOGENEITY, JOINT | d N 21 - 1 | C |
| | | | FREQUENCY, JOINT AND BEDDING ATTITUDES, DIKE TRENDS, AND AEROMAGNETICS. FOLIATION DIRECTIONS, JOINT STRIKES, AND JOINT DIPS CHARACTERIZED BY MODAL ANALYSES AND ROSE DIAGRAMS. | | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | |
| *GS931008314211.034 | PRELIMINARY LITHOLOGY WELL REPORT FOR UE-25WT#14 | 02/01/84-04/23/88 | ANALYSIS OF CORE DRILLED PRIOR TO FEBRUARY 1984. GEOPHYSICAL LOGS WERE MADE FROM SCIENTIFIC OBSERVATIONS OF BIT CUTTING SAMPLES. | A N | T |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | |
| GS931008314211.035 | GRAPHICAL LITHOLOGIC LOG OF DRILL HOLE RF-8 (UE-25 RF #8), 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. | АУ | с |
| | ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FA | CILITY | | • | |
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| | SITE CHARACTER | IZATION PLAN BASELIN | E | ITF |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | |
| GS931008314211.036 | GRAPHICAL LITHOLOGIC LOG OF BOREHOLE RF-3 (UE-25 RF #3), VERSION 1.0 | 08/01/93-09/06/93 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP. | АЧ |
| | ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FA | CILITY > | | |
| GS931008314211.037 | GRAPHICAL LITHOLOGIC LOG OF BOREHOLE NRG-3 (UE-25 NRG#3), VERSION 1.0 | 08/01/93-09/17/93 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP. | АY |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FA | CILITY | | |
| GS931008314211.038 | GRAPHICAL LITHOLOGIC LOG OF BOREHOLE NRG-2A (UE-25 NRG#2A), VERSION 1.0 | 08/01/93-09/06/93 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP. | А У |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FA | CILITY | | |
| GS931008314211.039 | GRAPHICAL LITHOLOGIC LOG OF BOREHOLE NRG-2 (UE-25 NRG#2), YUCCA MOUNTAIN, NEVADA: VERSION 1.0 | 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 | AY |
| and an | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FA | CILITY | | λ. |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | IÀ |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | EDN |
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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. | AYC |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | ILITY | | |
| 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 | АУС |
| and the second s | | and the second | CUTTINGS, AND OUTCROP. | • |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | LITY | | .• |
| 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. | AYC |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | CILITY | | |
| 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 | AYC |
| | | | CUTTINGS, AND OUTCROP. | . · · · |
| | ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FAC | CILITY | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | IA |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | TFT YII PEO EDN |
| 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 BUESCR | 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. | DYC |
| | ACON/DEVL LOCATION : USGS, LAS VEGAS, NV | | | |
| *GS931108315215.032 | SR AND ND ISOTOPIC DATA AND RB, SR, ND, AND SM CONCENTRATIONS FROM DRILL CORE SPECIMENS FROM UE-25A #1. | 07/01/90-11/30/90 | GCP-12, RB-SR ISOTOPE GEOCHEMISTRY AND GCP-21, SM-ND ISOTOPE GEOCHEMISTRY | DYP |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS931208314211.046 | GRAPHICAL LITHOLOGIC LOG OF BOREHOLE UE-25 NRG#1, VERSION 1.0 | 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. | АУС |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | CILITY | | |
| GS931208314211.047 | GRAPHICAL LITHOLOGIC LOG OF BOREHOLE UE-25 UZ #16, VERSION 1.0 | 01/01/93-11/18/93 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF COPE BIT | АУС |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | : : : : | CUTTINGS, AND OUTCROP. | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | |
| GS931208314211.048 | GRAPHICAL LITHOLOGIC LOG OF BOREHOLE USW UZ-14, VERSION 1.0 | 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. | АУР |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAM | CILITY | | |
| GS931208314211.049 | REVISED STRATIGRAPHIC NOMENCLATURE AND MACROSCOPIC IDENTIFICATION OF LITHOSTRATIGRAPHIC UNITS EXPOSED AT | 07/30/93-09/30/93 | MACROSCOPIC AND MICROSCOPIC OBSERVATIONS INCLUDING PHENOCRYST ASSEMBLAGES, DEPOSITION TEXTURES AND STRUCTURES, ZONES | DYP |
| | YUCCA MOUNTAIN, NEVADA, BY D.C. BUESCH, R.W. SPENGLER, T. MOYER, AND J. GESLIN. | | OF WELDING, ZONES OF CRYSTALLIZATION, AND SURFACE ROUGHNESS AND ORIENTATION OF FRACTURES | |
| | ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV | ф* г | | |
| 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 | 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. | DNP |
| | ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV | | | |
| **GS931208314211.051 | X-RAY FLUORESCENCE ELEMENTAL Compositions, 3/9/93 - 3/14/93 | 03/09/93-03/14/93 | USGS TECHNICAL PROCEDURE GCP-25,R0, DETERMINATION OF CHEMICAL COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY | AYC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| DATA TRACKING NO. TIT GS940108314211.001 TAE BOF BUF | SITE CHARACTERIZ TLE/DESCRIPTION BLE OF BASAL CONTACTS FROM CORE IN REHOLES USW UZ-14 AND USW NRG7/7A BY ESCH. MOYER, AND GESLIN | ATION PLAN BASELIN ACQN/DEVL PERIOD 06/01/93-01/18/94 | E ACQN/DEVL METHOD | ALC IA TFT YII EDN |
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| DATA TRACKING NO. TIT GS940108314211.001 TAE BOF BUE | TLE/DESCRIPTION BLE OF BASAL CONTACTS FROM CORE IN REHOLES USW UZ-14 AND USW NRG7/7A BY ESCH. MOYER, AND GESLIN | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| GS940108314211.001 TA BOF BUE | BLE OF BASAL CONTACTS FROM CORE IN REHOLES USW UZ-14 AND USW NRG7/7A BY ESCH, MOYER, AND GESLIN | 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. | АYС |
| ACS | QN/DEVL LOCATION : SAMPLE MANAGEMENT FACT | LITY | | |
| GS940208314211.002 TAE UZ- | BLE OF CONTACTS IN BOREHOLES USW -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 | АУТ |
| ACC | QN/DEVL LOCATION : SAMPLE MANAGEMENT FACI | LITY | | |
| GS940208314211.003 TAE UZ- VEF | BLE OF CONTACTS IN BOREHOLES USW -N53, USW UZ-N54 AND USW UZ-N55, RSION 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 | АУТ |
| ACC | QN/DEVL LOCATION : SAMPLE MANAGEMENT FACT | LITY | | |
| GS940208314211.004 TAE UZ- GES | BLE OF CONTACTS IN BOREHOLE USW -N27, VERSION 1.0, BY T. MOYER AND J. SLIN | 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 | АУТ |
| AC | QN/DEVL LOCATION : SAMPLE MANAGEMENT FAC | ILITY | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | · | I F I F P E D - | T I N |
| 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 | F 1 | ΑY | T |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FACILITY | | (1) A strategie in the second s and second s | | | |
| 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 | F . | А У | T |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | ILITY | | | | |
| GS940208314211.007 | TABLE OF CONTACTS IN BOREHOLE USW U2-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 | F : | ΑY | T |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | ILITY | | | | |
| 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 | F : | ΑŸ | T |
| | ACON/DEVIL LOCATION : SAMPLE MANAGEMENT FAC | ILITY | | | | |

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| 234 SITE CHARACTERIZATION PLAN BASELINE | | | | DQ AUL TAO ALC IA TFT |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | Y I I P E O E D N |
| 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) | DYP |
| | ACON/DEVL LOCATION : USGS, LAS VEGAS, NV | | | |
| **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 C |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | CILITY | | |
| 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 | АҮР |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | LITY | | |
| 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 | AYC |
| 1 · · · · · · · · · · · · · · · · · · · | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | CILITY | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | T Y | I A F T I I |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | P E | e o d n |
| 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 | YС |
| | ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FAC | ILITY | | | |
| 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 | A | ¥С |
| | | | OUTCROP. | | |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | LITY | | | |
| **GS940308314211.015 | PRELIMINARY LITHOLOGY WELL REPORTS; UE-25 WT #13 AND UE-25 WT #15 | 02/01/84-04/23/88 | THESE DATA WERE ACQUIRED FROM ANALYSIS OF CORE DRILLED PRIOR TO 1984. DATA ARE GEOPHYSICAL LOGS MADE FROM SCIENTIFIC | A | н т |
| | | | OBSERVATIONS OF BIT CUTTING SAMPLES. | | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | |
| GS940308314211.016 | TABLE OF CONTACTS IN BOREHOLE USW UZN-64, VERSION(S) 1.(N), BY T. MOYER | 03/01/94-03/25/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC | A | ΥP |
| | AND J. GESLIN | an a | DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP | | |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | CILITY | | | |
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| | SITE CHARACTER | IZATION PLAN BASELIN | ie. | I A TFT YII |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| GS940308314211.017 | TABLE OF CONTACTS IN BOREHOLE UE-25 U2N#63, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN | 03/01/94-03/25/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP | АҮР |
| | ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FA | CILITY | A second sec second second sec | |
| GS940308314211.018 | TABLE OF CONTACTS IN BOREHOLE USW UZ-N36, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN | 03/01/94-03/25/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP | AYP |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FA | CILITY | | |
| GS940308314211.019 | TABLE OF CONTACTS IN BOREHOLES USW UZ-N15, USW UZ-N16, AND USW UZ-N17, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN | 03/01/94-03/25/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP | А Ү Р |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FA | CILITY | | |
| GS940408314211.020 | GRAPHICAL LITHOLOGIC LOG OF BOREHOLE USW NRG-7/7A, VERSION(S) 1.(N), BY J. GESLIN AND T. MOYER | 03/01/94-03/25/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP | AYC |
| | ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FA | CILITY | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | 5 | TFT |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | Y I I P E O E D N |
| GS940408314211.021 | PRELIMINARY LITHOLOGY WELL REPORT: UE-25 WT#5 | 02/01/84-04/23/88 | THESE DATA WERE ACQUIRED FROM ANALYSIS OF CORE DRILLED PRIOR TO 1984. DATA ARE GEOPHYSICAL LOGS MADE FROM SCIENTIFIC OBSERVATIONS OF BIT CUTTING SAMPLES. | à n p |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS940608314211.022 | LITHOSTRATIGRAPHIC DATA FOR THE PROW PASS TUFF IN USW G-1, G-2, GU-3, AND G-4, UE-25 A#1, UE-25 C#1, C#2, AND C#3, AND FIELD OBSERVATIONS FROM RAVEN CANYON AND PROW PASS, BY T.C. MOYER. | 03/03/94-06/09/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND FIELD OBSERVATIONS USING SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE; BIT CUTTINGS, AND OUTCROP". | ANP |
| | ACON/DEVL LOCATION : USGS, LAS VEGAS, NV | | | |
| *GS940608314211.023 | LITHOSTRATIGRAPHIC DATA FOR THE PROW PASS TUFF IN UE-25 UZ#16 BY T.C. MOYER. | 04/18/94-06/09/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND FIELD OBSERVATIONS USING SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP". | АҮР |
| | ACON/DEVL LOCATION : USGS, LAS VEGAS, NV | | | |
| *GS940608314211.024 | LITHOSTRATIGRAPHIC DATA FOR THE PROW PASS TUFF IN USW UZ-14 BY T.C. MOYER. | 07/05/94-07/06/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND FIELD OBSERVATIONS USING SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP". | А Ү Р |
| | ACON/DEVL LOCATION : USGS, LAS VEGAS, NV | | | |
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258 DO AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA ጥፑጥ YII PEO ACON/DEVL PERIOD ACON/DEVL METHOD DATA TRACKING NO. TITLE/DESCRIPTION EDN -----GS940608314211.025 LITHOSTRATIGRAPHIC DATA FOR THE CALICO 03/03/94-05/25/94 THESE DATA WERE ACQUIRED FROM ANALYSES OF A N P HILLS FORMATION IN USW G-1, G-2, GU-3, CORE AND FIELD OBSERVATIONS USING AND G-4, UE-25 A#1, UE-25 C#1, C#2, AND SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC FIELD OBSERVATIONS FROM BUSTED BUTTE AND STUDIES FROM GEOLOGIC DESCRIPTION OF CORE. PROW PASS, BY J.K. GESLIN. BIT CUTTINGS, AND OUTCROP". ACON/DEVL LOCATION : USGS, LAS VEGAS, NV GS940608314211.026 LITHOSTRATIGRAPHIC DATA FOR THE CALICO 04/18/94-04/20/94 THESE DATA WERE ACQUIRED FROM ANALYSES OF A Y P HILLS FORMATION IN UE-25 UZ#16 BY J.K. CORE AND FIELD OBSERVATIONS USING GESLIN. SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP". ACON/DEVL LOCATION : USGS, LAS VEGAS, NV *GS940608314211.027 LITHOSTRATIGRAPHIC DATA FOR THE CALICO 04/19/94-07/06/94 THESE DATA WERE ACOUIRED FROM ANALYSES OF A Y P HILLS FORMATION IN USW U2-14 BY J.K. CORE AND FIELD OBSERVATIONS USING ing an an an ar an a Tar an ar SCIENTIFIC PLAN SN-0001, "STRATIGRAPHIC GESLIN. STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP". ACON/DEVL LOCATION : USGS, LAS VEGAS, NV *GS940608314211.028 LITHOSTRATIGRAPHY OF THE CALICO HILL 05/27/94-06/17/94 THIS WAS DEVELOPED FROM THE ANALYSES OF DNP LITHOLOGIC LOGS FROM CORE/DRILLHOLE DATA FORMATION AND PROW PASS TUFF (CRATER FLAT GROUP) AT YUCCA MOUNTAIN BY T.C. COLLECTED IN FY-93/94 FROM ROCK CHARACTERISTICS SECTION ACTIVITIES. MOYER AND J.K. GESLIN , ,

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ACQN/DEVL LOCATION : USGS, LAS VEGAS, NV

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| | SITE CHARACTER | ZATION PLAN BASELIN | E | I A TFT Y TT |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | |
| GS940608314211.029 | X-RAY FLUORESENCE ELEMENTAL COMPOSITIONS DETERMINED 3/23/94 TO 3/25/94. | 03/23/94-03/25/94 | USGS TECHNICAL PROCEDURE GCP-25, R0 Determination of chemical composition by Energy dispersive X-ray fluorescence Spectrometry | АҮР |
| *GS940608314211.030 | ACON/DEVL LOCATION : USGS, DENVER, CO STRONTIUM ISOTOPE RATIOS OF CORE SAMPLES | 04/28/94-06/10/94 | USGS TECHNICAL PROCEDURE GCP-12, R4, RB-SR | АУР |
| | OF THE TIVA CANYON TUFF FROM DRILL HOLE UE-25 NRG#3 (4/28/94 TO 6/10/94) ACQN/DEVL LOCATION : USGS, DENVER, CO | | ISOTOPE GEOCHEMISTRY | |
| · | | | A statistic statistic di statistica A statistica di statistica | |
| *GS940608314211.031 | GEOCHEMISTRY OF CORE SAMPLES OF THE TIVA CANYON TUFF FROM DRILL HOLE UE-25 NRG#3, BY Z.E. PETERMAN, AND KIYOTO FUTA | 04/01/94-06/15/94 | GEOCHEMICAL AND ISOTOPIC DATA ACQUIRED FROM CORE SAMPLES FROM UE-25 NRG#3 DRILL HOLE WERE ANALYZED FOR CHEMICAL VARIATIONS WITH STRATIGRAPHIC POSITION. COMPARISON OF SELECT SAMPLES OF QUARTZ LATITE WITH | DYP |
| | ¹ S. | | THE MEAN HIGH-SILICA RHYOLITE IN NRG#3, AND AVERAGE VALUES FOR THE HIGH SILICA RHYOLITE OF THE TIVA CANYON TUFF IN WHALEBACK RIDGE, ANTLER RIDGE AND NRG#3 SAMPLES ARE DOCUMENTED. | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | en de la companya de Esta de la companya d | ۳. |
| *GS940708314211.032 | SUMMARY OF LITHOLOGIC LOGGING OF NEW AND EXISTING BOREHOLES AT YUCCA MTN, MARCH 1994 TO JUNE 1994, BY J.K. GESLIN AND T.C. MOYER | 03/01/94-06/15/94 | THIS SUMMARY WAS DEVELOPED FROM THE ANALYSES OF LITHOLOGIC LOGS COMPILED FROM CORE/DRILL HOLE DATA COLLECTED IN FY '94. (ROCK CHARACTERISTICS ACTIVITIES). | DYP |
| | ACON/DEVL LOCATION : USGS, LAS VEGAS, NV | | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | 2 | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | Y I P E E D |
| 35940708314211.033 | MEASURED SECTION RPD92PCMS-1 OF THE Calico Hills Formation of the Upper Paintbrush Canyon | 05/21/92-05/22/92 | TECHNICAL PROCEDURE NWM-USGS GP-01, R2, GEOLOGIC MAPPING | АY |
| | ACQN/DEVL LOCATION : N785000(N) E572500(N) N786850(N) E573800(N) N786500(N) E576000(N) | ;N787500(N) E577500 | | |
| an a | TRACE BETWEEN THE TWO GIVEN AREA-SEE MAP IN | GIVEN POINTS WITHIN PKG. | THE | |
| GS940708314211.034 | MISCELLANEOUS LITHOSTRATIGRAPHIC CONTACTS IN NON-QUALIFIED BOREHOLES (USW G-2 AND G-4, UE-25 A#1), VERSION(S) 1.(N), BY T.C. MOYER | 04/27/94-04/28/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE AND/OR CUTTINGS USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP | АҮ |
| • | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | ILITY | | |
| \$\$940708314211.035 | MEASURED STRATIGRAPHIC SECTION ON THE EAST SIDE OF SOLITARIO CANYON (SECTION SC#1), BY J.K. GESLIN AND T.C. MOYER | 11/29/93-12/07/93 | THESE MEASURED SECTION DATA WERE ACQUIRED BY STANDARD USGS METHODS USING AN ABNEY LEVEL. HAND SAMPLES WERE COLLECTED AND OBSERVED. | АY |
| | ACQN/DEVL LOCATION : N757634(N) E558253(N) | | • The set of the se | |
| S940808314211.036 | TABLE OF LITHOLOGIC CONTACTS FROM THE SURFACE TO THE BASE OF THE PAINTBRUSH GROUP IN BOREHOLE USW SD-9, VERSION(S) 1.(N), BY T. MOYER | 07/06/94-07/18/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP | AY |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | ILITY | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| *GS940808314211.037 | X-RAY FLUORESCENCE ELEMENTAL COMPOSITIONS 6/21/91 TO 8/12/91 | 06/21/91-08/12/91 | METHODS ARE DESCRIBED IN USGS TECHNICAL PROCEDURE GCP-25,R0, DETERMINATION OF CHEMICAL COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY, (WHICH WAS NOT YET APPROVED). | АҮР |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| *GS940808314211.038 | X-RAY FLUORESCENCE ELEMENTAL Compositions 1/7/92 to 10/26/92 | 01/07/92-10/26/92 | METHODS ARE DESCRIBED IN USGS TECHNICAL PROCEDURE GCP-25,R0, DETERMINATION OF CHEMICAL COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY (WHICH WAS NOT YET APPROVED) | АҮР |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | · · · · . | | · - |
| *GS940808314211.039 | X-RAY FLUORESCENCE ELEMENTAL Compositions 3/15/93 to 7/12/93 | 03/15/93-07/12/93 | METHODS ARE DESCRIBED IN USGS TECHNICAL PROCEDURE GCP 25,R0, DETERMINATION OF CHEMICAL COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY (WHICH WAS NOT YET APPROVED) | АУР |
| a sea a company | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| *GS940808314211.040 | X-RAY FLUORESCENCE ELEMENTAL COMPOSITIONS 10/27/92 TO 3/08/93 | 10/27/92-03/08/93 | METHODS ARE DESCRIBED IN USGS TECHNICAL PROCEDURE GCP-25,R0, DETERMINATION OF CHEMICAL COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY (WHICH WAS NOT YET APPROVED). | А Ү Р |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | · · | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | RE | I T F |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | Y I P E E D |
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| GS940808314211.041 | GRAPHICAL LITHOLOGIC LOG OF BOREHOLE USW SD-9 FROM SURFACE TO THE BASE OF THE PAINTBRUSH GROUP, VERSION(S) 1.(N), BY T. MOYER AND G.S. MONGANO | 07/07/94-08/04/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001 STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP | АУ |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | CILITY | | |
| GS940808314211.042 | ND ISOTOPIC DATA AND SM AND ND ISOTOPE DILUTION DATA, FROM DRILL CORE SPECIMENS FROM UE-25 A#1 (5/30/90-7/11/90) | 05/30/90-08/06/90 | USGS TECHNICAL PROCEDURE GCP-21,R0: SM-ND ISOTOPE GEOCHEMISTRY | АY |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS940908314211.043 | TABLE OF LITHOLOGIC CONTACTS FROM THE BASE OF THE TOPOPAH SPRING TUFF TO TOTAL DEPTH IN BOREHOLE USW UZ-14, VERSION(S) 1.(N), BY T. MOYER AND J. GESLIN | 04/19/94-07/06/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP. | АY |
| | ACQN/DEVL LOCATION : SAMPLE MANAGEMENT FAC | CILITY | | |
| GS940908314211.044 | TABLE OF LITHOLOGIC CONTACTS FOR THE PAINTBRUSH GROUP IN BOREHOLE USW SD-12, VERSION(S) 1.(N), BY J. GESLIN AND D. BUESCH | 07/07/94-09/01/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP | а у 1993 |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | CILITY | | |
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| SITE CHARACTERIZATION PLAN BASELINE | | | | | 2 I 1 A C 1 I F ? | L) CAT |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | Y : P] E] | | 1 0 1 1 1 1 |
| *GS940908314211.045 | GRAPHICAL LITHOLOGIC LOG OF THE PAINTBRUSH GROUP FOR BOREHOLE USW SD-12, VERSION(S) 1.(N), BY J. GESLIN AND JON R. WUNDERLICH | 07/07/94-09/01/94 | 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 | YI | 2 |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | LITY | | | | |
| *GS940908314211.046 | GEOCHEMISTRY OF BOREHOLE SAMPLES FROM USW G-1 AND USW G3/GU-3, YUCCA MOUNTAIN NEVADA BY F.R. SINGER, R.P. DICKERSON AND M.J. OLSTEN | 08/22/94-09/13/94 | GEOCHEMICAL DATA WERE CORRELATED WITH STRATIGRAPHIC INTERVALS IN 2 DRILL HOLES | DI | 1 1 | ? |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | | |
| *GS940908314211.047 | TEN ISOPACH MAPS FOR THE LITHOSTRATIGRAPHIC SYNTHESIS LYNX COMPUTER MODEL OF YUCCA MOUNTAIN STRATIGRAPHY AND STRUCTURE BY R.P. DICKERSON AND J.K. GESLIN | 06/01/94-07/15/94 | THESE ISOPACH MAPS WERE DEVELOPED FROM INTERPRETATIONS OF DRILLHOLE, SURFACE MAP INFORMATION AND FIELD OBSERVATIONS. LINEAR INTERPOLATION WAS USED THROUGHOUT THEIR DEVELOPMENT. REGIONAL STRUCTURE MAPS WERE CONSULTED WHEN INTERPRETING MAP BOUNDARIES. | DI | N I | ₽ |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | | |
| *GS940908314211.048 | STRUCTURE CONTOUR MAP OF THE BASE OF THE TIVA CANYON TUFF WITH FAULT OFFSET, BY ROBERT DICKERSON AND RON DRAKE | 06/01/94-07/15/94 | THIS STRUCTURE MAP WAS DEVELOPED FROM INTERPRETATIONS OF DRILLHOLE INFORMATION AND SURFACE MAP INFORMATION. REGIONAL STRUCTURAL MAPS WERE CONSULTED WHEN INTERPRETING MAP BOUNDARIES. STRAIGHT LINE INTERPOLATIONS WERE USED TO LOCATE CONTOUR LINES THAT SHOULD EXIST BETWEEN 2 DATA POINTS. | DI | N I | 2 |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD |
| GS941008314211.049 | GRAPHICAL LITHOLOGIC LOG FOR BOREHOLE USW UZ-N32, SURFACE TO TOTAL DEPTH VERSION(S) 1.(N), BY J. GESLIN | 09/21/94-09/22/94 | THESE DATA WERE ACQUIRED FROM ANALYSES OF CORE USING SCIENTIFIC PLAN SN-0001, STRATIGRAPHIC STUDIES FROM GEOLOGIC DESCRIPTION OF CORE, BIT CUTTINGS, AND OUTCROP |
| | ACON/DEVL LOCATION : SAMPLE MANAGEMENT FAC | CILITY | |
| Activity - 8.3.1.4. | 2.1.2 | | |
| GS900908314212.001 | INTERPRETED RESISTIVITY AND IP SECTION LINE W1 WAHMONIE AREA, NEVADA TEST SITE, NEVADA. THIS REPORT, BY CHRISTIAN SMITH, HOWARD P. ROSS & RONALD EDQUIST, DISCUSSES WORK DONE AT THE PROPOSED WAHMONIE SITE AND PROVIDES THE PRINCIPAL GEOPHYSICAL BASIS ON WHICH AN ASSESSMENT OF POTENTIAL MINERALIZATION WAS MADE. | 10/01/79-10/31/79 | USGS STANDARD METHODS. |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | |
| **GS900908314212.003 | PRELIMINARY GRAVITY INVESTIGATIONS OF The Wahmonie Site, Nevada test Site, Nye County, Nevada, By D.A. Ponce. | 01/01/79-12/31/80 | USGS STANDARD METHODS |
| | ACON/DEVL LOCATION : USGS, DENVER, CO WAHMONIE SITE | | |
| *GS900908314212.004 | PRELIMINARY APPRAISAL OF GRAVITY AND MAGNETIC DATA AT SYNCLINE RIDGE, WESTERN YUCCA FLATS, NTS, NYE COUNTY, NEVADA, BY D.A. PONCE AND W. HANNA - PART OF AN | 01/01/79-12/31/81 | GRAVITY AND MAGNETIC STUDY (USGS STANDARD Methods) |
| | INVESTIGATION OF ARGILLITE ROCKS OF THE Eleana formation | ı. | |

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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | I A T F T Y I I P E O |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | EDN |
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| GS900908314212.005 | RESISTIVITY SOUNDING INVESTIGATION BY THE SCHLUMBERGER METHOD IN THE YUCCA MOUNTAIN AND JACKASS FLATS AREA, NEVADA TEST SITE, NEVADA, BY, R.M. SENTERFIT, M.P. CHORNACK, AND D.B. HOOVER | 01/01/82-12/31/82 | SCHLUMBERGER ARRAY. FIELD DATA WERE INTERPRETED IN TERMS OF ROCK LAYER RESISTIVITY AND THICKNESS BY COMPUTER METHODS (ZOHDY, 1973), AND CROSS-SECTIONS WERE CONSTRUCTED TO ILLUSTRATE LATERAL RESISTIVITY VARIATIONS WITHIN THE | DNC |
| a ta | | | NEAR-SURFACE ROCK. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS900908314212.006 | GEOLOGICAL AND GEOPHYSICAL EVIDENCE OF STRUCTURES IN NORTHWEST-TRENDING WASHES, YUCCA MOUNTAIN, SOUTHERN NEVADA, AND THEIR POSSIBLE SIGNIFICANCE TO A NUCLEAR WASTE REPOSITORY IN THE UNSATURATED ZONE, BY R.B. SCOTT III, BATH, FLANIGAN, HOOVER, ROSENBAUM, AND SPENGLER | 01/01/84-12/31/84 | USGS STANDARD METHODS. | DNC |
| | ACQN/DEVL LOCATION : DRILL HOLE WASH PAGANY WASH SEVER WASH TEACUP WASH USGS, DENVER, CO YUCCA WASH | | | |
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| GS900908314212.008 | INTERPRETATION OF TIME-DOMAIN ELECTROMAGNETIC SOUNDINGS IN THE CALICO HILLS AREA, NEVADA TEST SITE, NEVADA, BY JAMES KAUAHIKAUA. | 01/01/80-04/01/81 | USGS STANDARD METHODS. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | E D 1 |
| **GS900908314212.009 | MAGNETOMETRIC RESISTIVITY SURVEY NEAR FORTY-MILE WASH, NEVADA TEST SITE, NEVADA, BY D.V. FITTERMAN. THIS REPORT DESCRIBES THE RESULTS OF THE SURVEY. | 06/01/80-06/30/80 | USGS STANDARD TEST METRODS. | נאס |
| an an tha an | ACQN/DEVL LOCATION : FORTY-MILE WASH, NTS USGS, DENVER, CO | | en e | |
| *GS900908314212.010 | REMOTE-REFERENCE MAGNETOTELLURIC SURVEY, Nevada test site and vicinity, nevada And California, by Robert B. Furgerson. | 01/01/81-12/31/81 | MAGNETOTELLURIC SURVEY. | DNI |
| | ACON/DEVL LOCATION : STATION 11 | | | |
| | STATION 13 STATION 14 STATION 16 STATION 17 | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | YII PEO EDN |
| **GS900908314212.011 | ELECTRICAL STUDIES AT THE PROPOSED WAHMONIE AND CALICO HILLS NUCLEAR WASTE SITES, NEVADA TEST SITE, NYE COUNTY, NEVADA, BY D.B. HOOVER, M.P. CHORNACK & M.M. BROKER. CHARACTERIZATION OF THE GEOELECTRICAL SECTION. | 01/01/78-12/31/78 | USGS STANDARD METHODS. SUMMARIZING RESULTS OF SCHLUMBERGER VES, INDUCED POLARIZATION DIPOLE-DIPOLE TRAVERSES AND MAGNETOTELLURIC SOUNDINGS MADE IN THE VICINITY OF THE SITES. | DNT |
| | ACON/DEVL LOCATION : USGS, DENVER, CO WAHMONIE AND CALICO E | ILLS SITES, NTS | | |
| **GS900908314212.012 | MAGNETIC PROPERTIES OF DRILL CORE AND SURFACE SAMPLES FROM THE CALICO HILLS AREA, NYE COUNTY, NEVADA, BY M.J. BALDWIN & C.E. JOHNSON. | 01/01/78-12/31/78 | USGS STANDARD METHODS. | DNT |
| | ACQN/DEVL LOCATION : CALICO HILLS SITE, NT USGS, DENVER, CO | 'S | | |
| **GS900908314212.013 | INTERPRETATIONS OF MAGNETIC ANOMALIES AT A POTENTIAL REPOSITORY SITE LOCATED IN THE YUCCA MOUNTAIN AREA, NEVADA TEST SITE, BY G.D. BATH & C.E. JAHREN. | 01/01/78-12/31/82 | USGS STANDARD METHODS. | DNT |
| a tana ara ara ara ar | ACQN/DEVL LOCATION : USGS, DENVER, CO YUCCA MOUNTAIN ,NTS, | NV | | |
| GS900908314212.014 | E-FIELD RATIO TELLURIC TRAVERSES NEAR FORTY-MILE WASH, NEVADA TEST SITE, NEVADA, BY D.B. HOOVER, M.P. CHORNACK, AND M.M. BROKER. | 01/01/82-12/31/82 | E-FIELD RATIO TELLURIC, AN ELECTRIC EXPLORATION TECHNIQUE. | DNC |
| the state of the second se | ACON/DEVL LOCATION : FORTY-MILE WASH, NTS USGS, DENVER, CO | · | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | EDN |
| 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. | DNC |
| | ACON/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. | DNT |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| 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 |

ACQN/DEVL LOCATION : 36 37'05"N 115 52'05"W ;37 22'05"N 116 37'05"W ₩

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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | IA |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | EDN |
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| GS920508314212.002 | MAGNETIC DATA (GROUND) GATHERED ALONG SIX PROFILES (LINES PA, PB, PD, PE, PF, AND PL) ACROSS FORTYMILE WASH, NEVADA | 01/16/81-04/08/82 | DATA WAS COLLECTED WITH THE SENSOR AT 2. (8FT.) ABOVE THE SURFACE. A GEOMETRICS PORTABLE PROTON PRECESSION MAGNETOMETER MODEL G-816 AND BASE STATION MAGNETOMETER | MANC |

ACON/DEVL LOCATION : 36 37'30"N 116 15'00"W ;37 00'00"N 116 30'00"W

GS920508314212.003 DENSITY DATA FROM SAMPLES COLLECTED AROUND THE FORTYMILE WASH AND WAHMONIE FLATS AREA OF THE NEVADA TEST SITE, NEVADA.

03/19/80-11/02/82 DENSITIES WERE DETERMINED BY WEIGHING THE A N C 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.

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.

ACON/DEVL LOCATION : FORTYMILE WASH WAHMONIE FLATS

GS920508314212.004 FORTYMILE WASH GRAVITY AND MAGNETIC DATA AND DENSITY DATA, NEVADA TEST SITE, NEVADA.

01/01/58-05/29/87 THIS IS A SELECTION OF GRAVITY, MAGNETIC. D N P AND DENSITY DATA FROM THE FORTYMILE WASH AREA OF THE NEVADA TEST SITE. THIS SUBSET OF DATA WAS EXTRACTED FROM DATA PREVIOUSLY DOCUMENTED ON ACQUIRED AND DEVELOPED DATA TDIFS.

ACON/DEVL LOCATION : USGS, DENVER, CO

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| | SITE CHARACTERI | ZATION PLAN BASELIN | R | D Q A U L T A O A L C |
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| DATA TRACKING NO | TTTLE /DESCRIPTION | ACON /DEVT. PERTOD | ACON /DEVA METEOD | PEO |
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| | a na antiga an ann an Anna An | | | |
| 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, | 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 | DNT |
| | 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 CRAVITY DATA TABLES C IS ON | | 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. | 1994 1994 |
| | DISKETTE.) | | | |
| | ACON/DENT LOCATION . 36 35/05 MM 115 52/05 | W .37 32/05WN 116 3 | 7/05.89 | |
| | KQN/DEVE DOCATION . 50 55 05 N 115 52 05 | n /3/ 22 03 N 110 3 | | |
| GS920508314212.006 | GRAVITY AND MAGNETIC DATA OF FORTYMILE WASH, NEVADA TEST SITE, NEVADA, BY D.A. PONCE, S.B. KOHRN, AND SANDRA WADDELL. | 10/01/81-05/26/92 | THE INTERPRETATIONS CONTAINED IN THE PUBLICATION WERE BASED ON THE AUTHOR'S COMBINED EDUCATION AND WORK EXPERIENCE. | DNT |
| المراجع المعادية والمعاد | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
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| 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 | ANC |
| | ACON/DEVL LOCATION : 36 30'00"N 116 15'00" | W ;36 50'00"N 116 3 | 0'00"W | i. |
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| GS921008314212.010 | GRAVITY PROFILES WITHIN MIDWAY VALLEY And Yucca Wash, nevada test site, Nevada. | 07/22/92-09/23/92 | GPP-01,R2, GRAVITY METHODS | AYP |
| | ACON/DEVL LOCATION : 36 48'N 116 23'W :36 | 55'N 116 29'W | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | |
| GS921008314212.011 | MAGNETIC PROFILES WITHIN MIDWAY VALLEY And Yucca Wash, Nevada Test Site, Nevada. | 07/22/92-09/23/92 | GPP-11,R2, MAGNETIC METHODS | АҮР |
| | ACON/DEVL LOCATION : 36 48'N 116 23'W ;36 | 55'N 116 29'W | | |
| GS921108314212.009 | GRAVITY AND MAGNETIC ANOMALIES IN THE VICINITY OF YUCCA MOUNTAIN, NEVADA AND THEIR GEOLOGIC IMPLICATIONS, BY DAVID A. PONCE AND H.W. OLIVER | 01/01/90-12/15/90 | COMPILATION OF GRAVITY AND AEROMAGNETIC SURVEYS. | DNP |
| | ACON/DEVL LOCATION : USGS, MENLO PARK, CA | and the second second second | na se an an an Arran ann an Arran an Arran an Arran ann an Arranna. An Arran an | |
| G5921108314212.013 | 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. | DNC |
| | ACQN/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
| GS921208314212.015 | GEOPHYSICAL INVESTIGATIONS OF CONCEALED FAULTS NEAR YUCCA MOUNTAIN, SOUTHWEST NEVADA, BY D.A. PONCE | 10/01/92-12/21/92 | INTERPRETATIONS OF GRAVITY AND MAGNETIC PROFILES BASED ON THE AUTHOR'S COMBINED EDUCATION AND EXPERIENCE. | DYC |
| | ACQN/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
| GS930108314212.001 | SEISMIC REFLECTION PROFILING: ESSENTIAL GEOPHYSICAL DATA FOR YUCCA MOUNTAIN, NEVADA, BY W.C. HUNTER, R.W. SPENGLER AND T.M. BROCHER. | 11/01/92-01/11/93 | SUMMARY DESCRIPTION OF SEISMIC INVESTIGATIONS WHICH ARE MORE FULLY PRESENTED IN THE SOURCE DATA. (THE REPORT IS INTENDED TO DESCRIBE A PLANNED SEISMIC ACQUISITION PROGRAM.) | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO USGS, MENLO PARK, CA | | | • - |

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| 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. | DNC |
| | ACON/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
| GS930108314212.003 | ISOSTATIC GRAVITY MAP OF THE NEVADA TEST SITE AND VICINITY, NEVADA, BY D.A. Ponce, R.N. Harris, and H.W. Oliver. | 01/01/88-11/08/88 | MAP DEVELOPED USING ISOSTATIC GRAVITY DATA ACQUIRED AT MORE THAN 15,000 GRAVITY STATIONS. | DNC |
| | ACON/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
| GS930108314212.004 | STATUS OF DATA, MAJOR RESULTS, AND PLANS FOR GEOPHYSICAL ACTIVITIES, YUCCA MOUNTAIN PROJECT, EDITED BY H.W. OLIVER, E.L. HARDIN AND P.H. NELSON. | 10/01/88-03/19/90 | DISCUSSION OF SURVEY COVERAGE, DATA QUALITY, AND APPLICABILITY OF RESULTS TO SITE CHARACTERIZATION, INCLUDING SUMMARIES OF RESULTS OF SEISMIC EXPLORATION, POTENTIAL FIELD METHODS, GEOELECTRICAL METHODS, TELESEISMIC DATA COLLECTION AND VELOCITY STRUCTURAL MODELING, AND REMOTE SENSING. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930408314211.011 | SEARCH FOR POTENTIAL SITES BY G.L. DIXON AND V.M. GLANZMAN FY 1982 REPORT. | 01/01/83-01/01/84 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL AND GEOPHYSICAL STUDIES INCLUDING STRATIGRAPHY, FRACTURE DATA, MAGNETIC, GRAVITY, AND PHYSICAL PROPERTIES. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER. CO. | | | |
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| 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). | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO. | | | |
| GS930408314212.006 | PRELIMINARY RESULTS OF ABSOLUTE AND HIGH-PRECISION GRAVITY MEASUREMENTS AT THE NEVADA TEST SITE AND VICINITY, NEVADA, BY M.A. ZUMBERGE, R.N. HARRIS, H.W. OLIVER, G.S. SASAGAWA, AND D.A. PONCE. | 01/01/87-03/15/88 | ABSOLUTE GRAVITY SURVEY OBTAINED USING IGPP ABSOLUTE GRAVITY METER MEASURING ACCELERATION BY TRACKING A FREELY FALLING BODY WITH A LASER INTERFEROMETER. ANALYSIS USING QUADRATIC LEAST SQUARES TO YIELD ACCELERATION DUE TO GRAVITY. HIGH PRECISION GRAVITY SURVEYS MADE TO COMPARE DIFFERENCES AMONG ABSOLUTE READINGS WITH LACOSTE AND ROMBERG GRAVITY METERS | DNC |
| | | | EMPLOYING LEAST SQUARES METHOD. | |
| a di kacalan kacala | ACQN/DEVL LOCATION : USGS, MENLO PARK, CA | | an an an Araban an Araban An <mark>Anna an A</mark> raban an Anna an Araban an Arab | |
| GS930508314211.013 | SEARCH FOR POTENTIAL SITES, BY G.L. DIXON AND V.M. GLANZMAN FY 1981 REPORT. | 01/01/82-01/01/83 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY PUBLISHED DATA AND PRELIMINARY RESULTS FROM GEOLOGICAL AND GEOPHYSICAL STUDIES INCLUDING STRATIGRAPHIC, PETROGRAPHIC, PALEOMAGNETIC, ELECTROMAGNETIC, SEISMIC, GRAVITY AND TEMPERATURE STUDIES/LOGS. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO. | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | EDN |
| GS930508314212.007 | SEARCH FOR POTENTIAL SITES, BY G.L. | 01/01/81-01/01/82 | SUMMARIES/INTERPRETATIONS OF PREVIOUSLY | DNC |
| | DIXON AND D.B. HOOVER FY 1979 REPORT. (WAHMONIE FLAT, CALICO HILLS, YUCCA MOUNTAIN, SYNCLINE RIDGE) | | PUBLISHED DATA AND PRELIMINARY RESULTS OF GEOLOGICAL AND GEOPHYSICAL STUDIES. | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO. | | | |
| 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 | 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. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | ••• | |
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| GS930808314212.010 | GRAVITY AND MAGNETIC DATA OF MIDWAY Valley, Southwest Nevada, by D.A. Ponce, | 09/30/92-08/30/93 | COMPILATION AND ANALYSIS OF THE SOURCE DATA | DYP |
| | V.E. LANGENHEIM, AND R.F. SIKORA | | | |
| | ACQN/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
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| GS930808314212.011 | GRAVITY AND MAGNETIC STUDY OF YUCCA WASH, SOUTHWEST NEVADA, BY V.E. LANGENHEIM, D.A. PONCE, H.W. OLIVER, AND | 09/30/92-08/30/93 | COMPILATION AND ANALYSIS OF THE SOURCE DATA | DIP |
| · . | R.F. SIKORA | • • • • | | , -12. |
| | ACQN/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | E D N |
| *G\$930908314212.012 | DATA FROM AIRBORNE MAGNETIC SURVEYS ALONG SEISMIC TRANSECT IN MIDWAY VALLEY, ACROSS CENTRAL YUCCA MOUNTAIN, AND IN YUCCA WASH, NEVADA, COLLECTED FY93 BY R. KUCKS | 06/01/93-09/25/93 | TECHNICAL PROCEDURE GPP-11,R2, MAGNETIC METHODS | АУР |
| | ACONTRACTION : NIGO, COU (NY ESTO, COU (| N) ;N//J,000(N) E30 | (0,000 (N) | |
| GS940108314212.001 | GRAVITY AND MAGNETIC INVESTIGATIONS OF YUCCA WASH, SOUTHWEST NEVADA, BY V.E. LANGENHEIM, D.A. PONCE AND H.W. OLIVER | 09/01/93-12/31/93 | SUMMARIZING SOURCE AND ADDING CONCLUSION | DYP |
| | ACQN/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
| GS940508314212.002 | DENSITY AND MAGNETIC SUSCEPTIBILITY Data, bare mountain samples: January 1, 1994 - March 30, 1994 | 01/01/94-03/30/94 | NWM-USGS GPP-01,R2, GRAVITY METHODS; NWM-USGS GPP-11,R2, MAGNETIC METHODS | ΑΥΡ |
| | ACON/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
| *GS940808314212.003 | GHOST DANCE FAULT GRAVITY AND MAGNETIC Data, Sept. 1993, by H. Oliver | 09/27/93-10/30/93 | TECHNICAL PROCEDURES GPP-01,R2, GRAVITY METHODS, AND GPP-11,R2, MAGNETIC METHODS | АУР |
| | ACON/DEVL LOCATION : 36 49.82'N 116 26.56' 36 49.82'N 116 26.59' 36 49.83'N 116 26.62' 36 49.83'N 116 26.68' 36 49.83'N 116 26.68' | W W W - Constant of the state o | | |
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| *GS940808314212.004 | GRAVITY AND MAGNETIC DATA ACROSS THE GHOST DANCE FAULT IN WT-2 WASH, YUCCA MOUNTAIN, NEVADA, BY H.W. OLIVER AND R.F. SIKORA | 01/01/94-04/30/94 | COMPARISON AND ANALYSIS OF GRAVITY DATA PLOTS, GROUND MAGNETIC DATA, AND DENSITY DATA | DYP |
| | ACON/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
| *GS940808314212.005 | PRELIMINARY REPORT ON AEROMAGNETIC SURVEYS ALONG TRACE OF SEISMIC PROFILES ACROSS CRATER FLAT AND PARTS OF YUCCA MOUNTAIN, NEVADA, BY R. SIKORA | 09/01/93-08/01/94 | REPORT INCLUDES PRESENTATION AND PRELIMINARY INTERPRETATION OF AEROMAGNETIC SURVEYS FLOWN BY USGS OVER CRATER FLAT AND PARTS OF YUCCA MOUNTAIN | DYP |
| and a second | ACON/DEVL LOCATION : USGS, MENLO PARK, CA | e de la composition de | | 3 |
| *GS940808314212.006 | CONSTRAINTS ON THE STRUCTURE OF CRATER FLAT, SOUTHWESTERN NEVADA, DERIVED FROM GRAVITY AND MAGNETIC DATA, BY V. LANGENHEIM | 01/01/94-07/29/94 | ANALYSIS AND INTERPRETATION OF GRAVITY AND MAGNETIC DATA | DNP |
| | ACON/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
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| *GS940908314212.007 | PRELIMINARY GRAVITY AND MAGNETIC MODELS ACROSS MIDWAY VALLEY AND YUCCA WASH, YUCCA MOUNTAIN, NEVADA, BY D.A. PONCE AND V.E. LANGENHEIM | 01/01/94-09/19/94 | AUTHORS' INTERPRETATION OF DETAILED GRAVITY AND MAGNETIC DATA COLLECTED ALONG TEN TRAVERSES ACROSS MIDWAY VALLEY AND YUCCA WASH ON THE EASTERN FLANK OF YUCCA MOUNTAIN IN SOUTHWEST NEVADA. | DYP |
| and a state and a | ACON/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
| Activity - 8.3.1.4. | 2.1.3 | | | |
| GS900908314212.007 | A SCHLUMBERGER RESISTIVITY SURVEY OF THE AMARGOSA DESERT, SOUTHERN NEVADA, BY M.R. GREENHAUS AND C.J. ZABLOCKI. GEOELECTRIC SURVEY INTENDED TO DEFINE BASEMENT STRUCTURE AND BASIN-FILL CHARACTERISTICS WHICH MAY OR MAY NOT BE INFLUENCING THE HYDROLOGICAL SYSTEMS OF THE REGION. | 01/01/78-12/31/80 | SCHLUMBERGER RESISTIVITY SURVEY (136 Soundings) | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS900908314213.001 | BOREHOLE GEOPHYSICAL MEASUREMENTS FOR HOLE UE25A-3 (UE-25A #3), NEVADA TEST SITE, NUCLEAR WASTE ISOLATION PROGRAM, BY J.J. DANIELS AND J.H. SCOTT. | 01/01/79-01/01/80 | USGS STANDARD COLLECTION METHODS. WELL LOG MEASUREMENTS INCLUDE DUAL-DETECTOR DENSITY, NORMAL RESISTIVITY, GAMMA-RAY, NEUTRON-NEUTRON, INDUCED POLARIZATION, AND MAGNETIC SUSCEPTIBILITY AND ANALYZED FOR CORRELATIONS WITH CORE LITHOLOGY. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
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278 DQ AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE ΪÀ TFT YII PEO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN _____ **GS900908314213.002 PRELIMINARY INTERPRETATIONS OF GEOLOGIC 06/01/79-06/30/79 USGS STANDARD COLLECTION METHODS. DNT RESULTS OBTAINED FROM BOREHOLES UE25A-4. -5, 06, AND -7, YUCCA MOUNTAIN, NEVADA TEST SITE, BY R.W. SPENGLER & J.G. ROSENBAUM. ACON/DEVL LOCATION : UE25A-4 UE25A-5 UE25A-6 UE25A-7 USGS, DENVER, CO GS900908314213.003 INTERPRETATION OF HOLE-TO-SURFACE 01/01/81-12/31/81 HOLE-TO-SURFACE MEASUREMENTS FROM DRILL DNC RESISTIVITY MEASUREMENTS AT YUCCA HOLES UE-25A #1, #4, #5, AND #6, AND MOUNTAIN, NEVADA TEST SITE, BY J.J. CONTOUR MAPS OF THESE DATA SHOWING DANIELS & J.H. SCOTT. DISTRIBUTION OF ELECTRICAL FIELD, USGS STANDARD TEST METHODS. PROCEDURES FOR GATHERING, REDUCING AND INTERPRETING HOLE-TO-SURFACE RESISTIVITY DATA ARE ILLUSTRATED IN THIS REPORT. ACON/DEVL LOCATION : USGS, DENVER, CO GS900908314213.005 COMMERCIAL GEOPHYSICAL WELL LOGS FROM 03/16/80-09/14/80 USGS STANDARD METHODS. DNC THE USW G-1 DRILL HOLE, NEVADA TEST SITE, BY D.C. MULLER & J.E. KIBLER ACON/DEVL LOCATION : USGS, DENVER, CO USW G-1 . . · · · ·

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| **GS900908314213.006 | RADIOELEMENT DISTRIBUTION IN DRILL HOLE USW-G1, YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY BUSH, BUNKER, AND SPENGLER | 01/01/80-12/31/80 | USGS STANDARD METHODS. RADIO-ELEMENTS CONTENTS OF CORE SAMPLES MEASURED TO CHARACTERIZE GEOLOGIC UNITS PENTRATED BY THE HOLE. (SOME SAMPLES WERE COLLECTED TO DETERMINE EFFECTS OF WELDING & ALTERATION.) | DNT |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO USW G-1 | | | |
| **GS900908314213.007 | BOREHOLE GRAVITY METER SURVEYS IN DRILL HOLES USW G-3, UE-25P#1 (UE-25P #1) AND UE-25C#1 (UE-25C #1), YUCCA MOUNTAIN AREA, NEVADA, BY D.L. HEALEY, F.G. CLUTSOM, & D.A. GLOVER | 01/01/84-07/30/84 | USGS STANDARD METHODS. | DNT |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| **GS900908314213.008 | BOREHOLE GRAVITY METER SURVEY IN DRILL HOLE USW G-4, YUCCA MOUNTAIN AREA, NYE COUNTY, NEVADA, BY D.L. HEALEY, F.G. CLUTSOM, & D.A. GLOVER. | 01/01/85-04/08/86 | USGS STANDARD METHODS. | DNT |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS900908314213.009 | INTERPRETATION OF GEOPHYSICAL WELL-LOG MEASUREMENTS IN DRILL-HOLE UE25A-1 (UE-25A \$1), NEVADA TEST SITE, RADIOACTIVE WASTE PROGRAM, BY J.T. HAGSTRUM, J.J. DANIELS, AND J.H. SCOTT. | 01/01/80-12/31/80 | INTERPRETATION OF PHYSICAL PROPERTIES FOR THE TUFF UNITS USING A COMPUTER PROGRAM DEVELOPED FOR COMPARISON OF MEASUREMENTS. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| 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. | 01/01/84-03/31/86 | USGS STANDARD COLLECTION METHODS | A N C |
| | ACQN/DEVL LOCATION : USW G-3 USW G-4 USW GU-3 | | | |
| 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 | 01/01/78-12/31/84 | USGS STANDARD COLLECTION METHODS | АНТ |
| | ACON/DEVL LOCATION : J-13 UE-25A #1 UE-25A #6 UE-25A #7 | ta da ser se se se se | | |
| | UE-25B #1 UE-25C #1 UE-25C #2 UE-25C #3 UE-25C #3 | | | |
| an an Maria an Anna an | UE-25WT #12 UE-25WT #13 UE-25WT #14 UE-25WT #15 UE-25WT #16 UE-25WT #16 UE-25WT #18 | . | na (n. 1997) 1. oktober - Standard Marine, and an article 1. oktober - Daniel Marine, and an article for an article 1. oktober - Standard Marine, and article for an article for 1. oktober - Standard Marine, and article for article for an article for an article for an article for an article for article for article for an article for article | |
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| | USW GU-3 USW H-1 USW H-3 USW H-4 USW H-5 USW H-6 | | | |
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TAO ALC SITE CHARACTERIZATION PLAN BASELINE TA TFT YII PEO ACON/DEVL PERIOD ACON/DEVL METHOD TITLE/DESCRIPTION EDN DATA TRACKING NO. _____ USW UZ-1 **USW U2-6** USW VH-1 USW VH-2 USW WT-1 USW WT-10 USW WT-11 USW WT-2 USW WT-7 GS920608314213.002 PHYSICAL PROPERTIES OF ASH FLOW TUFF 03/01/91-02/10/92 AUTHORS CONFINED ATTENTION TO ELECTRICAL D N C FROM YUCCA MOUNTAIN, NEVADA, PUBLISHED RESISTIVITY, SONIC VELOCITY, DENSITY, POROSITY, & PERMEABILITY, RELATING THEM TO REPORT BY PHILIP H. NELSON AND LENNART A. ANDERSON MINERALOGICAL AND GEOLOGICAL DETERMINATIONS MADE BY OTHERS. AUTHORS RELY ON PETROPHYSICAL MODELS DEVELOPED FOR CLASTIC ROCKS TO BETTER UNDERSTAND HOW and the second secon Second VARIATIONS IN POROSITY AND MINERALOGY ARE REFLECTED IN THE PHYSICAL PROPERTIES. ACON/DEVL LOCATION : USGS, DENVER, CO ASSESSMENT OF GEOPHYSICAL LOGS FROM 01/06/92-06/30/92 ASSESSMENT OF CURRENT LOGGING TECHNOLOGY DNC **GS920808314213.003 BOREHOLE USW G-2, WITH RECOMMENDATIONS IN ORDER TO SPECIFY THE KINDS OF LOGS AND, IF APPROPRIATE, THE SUPPLIERS AND MODELS FOR FUTURE LOGGING AT YUCCA MIN., NV, BY OF LOGGING TOOLS TO BE USED IN FUTURE P.H. NELSON AND ULRICH SCHIMSCHAL. LOGGING. Sec. 1.

ACON/DEVL LOCATION : USGS, DENVER, CO

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| GS921208314213.004 | ESTIMATION OF WATER-FILLED AND AIR-FILLED POROSITY IN THE UNSATURATED ZONE, YUCCA MOUNTAIN NEVADA, BY P.H. NELSON. | 09/01/92-12/01/92 | THE METHODS USED TO DEVELOP THIS REPORT WERE BASED ON THE AUTHOR'S EDUCATION AND WORK EXPERIENCE. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930308318512.002 | VOLCANO-TECTONIC HISTORY OF CRATER FLAT, SOUTHWESTERN NEVADA, AS SUGGESTED BY NEW EVIDENCE FROM DRILL HOLE USW-VH-1 (USW VH-1) AND VICINITY, BY W.J. CARR. | 01/01/81-03/16/82 | SUMMARIES AND INTERPRETATIONS OF THE DRILL-HOLE LOCATION, HISTORY, LITHOLOGIC LOG, AND STRATIGRAPHY; AND THE STRUCTURAL FRAMEWORK, AEROMAGNETIC ANOMALIES, AND VOLCANO-TECTONIC HISTORY OF CRATER FLAT. | DNT |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | · · | and an and and the stand stand of a stand stand stand stands of the stand stands | · . |
| GS930408314213.006 | ROCK PROPERTY ANALYSIS OF CORE SAMPLES FROM THE YUCCA MOUNTAIN UE25A-1 (UE-25A #1) BOREHOLE, NEVADA TEST SITE, BY L.A. ANDERSON. | 01/01/81-09/21/81 | COMPRESSIONAL VELOCITY DETERMINED USING METHOD OF OBERT, L. AND DUVALL, W.I., 1967, ROCK MECHANICS AND THE DESIGN OF STRUCTURES IN ROCK: JOHN WILEY AND SONS, INC., N.Y. DENSITY AND POROSITY | DNT |
| с С. 45. с. с. с. | | | DETERMINATION FOLLOWING PROCEDURE DESCRIBED BY JOHNSON, G.R., 1979, TEXTURAL PROPERTIES IN HUNT, G.R., AND OTHERS AND WATSON, K., INITIAL REPORT OF THE PETROPHYSICS LABORATORY; USGS CIRCULAR 789, PP. 67-74. NATURAL REMNANT MAGNETIZATION USING TECHNIQUE DESCRIBED BY WATSON, D.E., 1979, MAGNETIC PROPERTIES IN HUNT, OP.CIT. | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
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| GS930408314213.007 | GEOLOGY AND LITHOLOGIC LOG FOR DRILL HOLE UE17A, NEVADA TEST SITE, BY J.N.HODSON AND D.L. HOOVER | 01/01/78-01/01/79 | CORE SAMPLES WERE STRATIGRAPHICALLY CORRELATED USING STANDARD USGS METHODS. CORE INDEX WAS CALCULATED TO MEASURE ROCK COMPETENCY. FRACTURE ANALYSIS IS DEPICTED IN ROSETTE DIAGRAMS. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930408314213.008 | GEOLOGY OF UE17E DRILL HOLE, AREA 17, NEVADA TEST SITE, BY J.N. HODSON AND D.L. HOOVER | 01/01/78-01/01/79 | CORE SAMPLES WERE STRATIGRAPHICALLY CORRELATED USING STANDARD USGS METHODS. CORE INDEX WAS CALCULATED TO MEASURE ROCK COMPETENCY. FRACTURE ANALYSIS IS DEPICTED IN ROSETTE DIAGRAMS. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | n an an Arthur an Art Arthur an Arthur an A Arthur an Arthur an A | |
| 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, MODULES OF ELASTICITY, POISSON'S RATIO, AND BULK SHEER MODULI. GEOPHYSCIAL LOGS WERE RUN | DNC |
| | | | FOR GEOLOGIC CORRELATIONS AND LITHOLOGIC CHARACTERIZATIONS. | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930708314213.009 | PRELIMINARY WT/UZ MAGNETOMETER AND MAGNETIC SUSCEPTIBILITY RESULTS AT BOREHOLES UE-25 UZ#16, USW NRG-6 AND WT-2 (MAGNETIC SUSCEPTIBILITY (MS_SI) AND MAGNETIC FIELD (TOTAL FIELD TM, HORIZONTAL FIELD HM, VERTICAL FIELD ZD) LOGS. SUSCEPTIBILITY REPORTED IN MICRO-SI UNITS, MAGNETIC FIELD COMPONENTS IN MICROTESLAS) | 04/14/93-11/11/93 | USGS TECHNICAL PROCEDURES GPP-15,R1 AND GPP-17,R1; MAGNETIC SUSCEPTIBILITY BOREHOLE LOGGING OPERATIONS AND MAGNETOMETER BOREHOLE LOGGING OPERATIONS. | А У Р |
| | ACON/DEVL LOCATION : UE-25 UZ#16 | | | |

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| | USW WT-2 | | | |
| GS930808314213.002 | GEOPHYSICAL BOREHOLE LOGGING IN THE UNSATURATED ZONE, YUCCA MOUNTAIN, NEVADA BY ULRICH SCHIMSCHAL AND PHILIP NELSON. | 01/23/90-11/29/90 | THIS REPORT ILLUSTRATES THE RESULTS OF AN EXPLORATORY CALCULATION OF POROSITY AND WATER SATURATION BASED ON DENSITY AND EPITHERMAL NEUTRON LOGS IN ORDER TO MEET | DNC |
| | | | ONE OBJECTIVE OF THE LOGGING PROGRAM: TO DETERMINE THE DISTRIBUTION OF ROCK PROPERTIES WITHIN LITHOSTRATIGRAPHIC UNITS. | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | and a second br>Second second br>Second second | |
| 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 | DNT |
| an an an an Arrana. An Arrana | an a' an Aonaichte an Bannaichte ann an 1990. An t-airte | s restances and second s | PERCENTAGE OF TOTAL SOLIDS (BISH AND CHIPERA, 1989). POROSITY ESTIMATED FROM MEASUREMENTS ON NEARBY CORE. GRAIN DENSITY WAS PLOTED AS A FUNCTION OF | 5 |
| | | | DEPTH. DENSITY WAS DETERMINED BY 1) WEIGHING DRIED SATURATED SAMPLES (ANDERSON, 1984), 2) PYCNOMETER (NIMICK AND SCHWARTZ, 1987) AND 3) MINERALOGICAL | |
| an the state state | | | DETERMINATION (BISH AND CHIPERA, 1989). Complete Bibliographic citations found in Report. | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | E D N |
| GS931108314213.010 | WATER PERMEABILITY AND RELATED ROCK PROPERTIES MEASURED ON CORE SAMPLES FROM THE YUCCA MOUNTAIN USW GU-3/G-3 AND USW G-4 BOREHOLES, NEVADA TEST SITE, BY L.A. ANDERSON. | 01/01/91-10/15/93 | CORE SAMPLES FROM THE YM-USW GU-3/USW G-3 AND USW G-4 BOREHOLES WERE MEASURED FOR BULK DENSITY, GRAIN DENSITY, POROSITY, RESISTIVITY, AND WATER PERMEABILITY TO DETERMINE RELATIVE LEVELS OF FLUID CONDUCTIVITY ATTRIBUTABLE TO THE MATRIX OF THE TOFFS ENCOUNTERED WITHIN THE RESPECTIVE BOREHOLES. | DNP |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
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| 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. | DNC: |
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| | ACONDEVE EXCRITION : USUS, DERVER, CO | $\{x_i\}_{i \in I}$ | | |
| GS941008314213.001 | PRELIMINARY WT/UZ MAGNETOMETER AND MAGNETIC SUSCEPTIBILITY RESULTS (BOREHOLES UE-25 UZ#16, USW NRG-6 AND USW WT-2), BY P. NELSON | 08/01/94-10/29/94 | THIS PAPER WAS DEVELOPED FROM ANALYSIS OF MAGNETIC SUSCEPTIBILITY LOG RESULTS FROM BOREHOLES UE-25 UZ#16, USW NRG-6, AND USW WT-2 | DNP |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
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| 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. | DNT |
| | ACON/DEVL LOCATION : USGS, DENVER, CO USW G-1 USW G-2 USW GU-3 USW VH-1 YUCCA MOUNTAIN VICINI | ry_{a ka}ta ka ta | a an | |
| GS930408314214.001 | DISTRIBUTION OF RUBIDIUM, STRONTIUM, AND ZIRCONIUM IN TUFF FROM TWO DEEP COREHOLES (USW G-1 AND USW GU-3/G-3) AT YUCCA MOUNTAIN, NEVADA, BY RICHARD W. SPENGLER AND ZELL E. PETERMAN. | 01/01/89-01/08/90 | DATA OBTAINED BY ANALYZING BULK ROCK SAMPLES AND GAMMA-RAY SPECTROMETRIC METHODS. RB, SR, AND ZR CONCENTRATIONS ANALYZED BY EDXRF USING KEVEX 5100. | DNP |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930508314214.002 | DISTRIBUTION, CHARACTERIZATION, AND GENESIS OF MORDENITE IN MIOCENE SILICIC TUFFS AT YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY RICHARD A. SHEPPARD, ARTHUR J. GUDE, 3D., AND JOAN FITZPATRICK | 01/01/86-09/11/86 | RELATIVE ABUNDANCE OF MINERALS WERE VISUALLY ESTIMATED FROM THE DIFFRACTOMETER PATTERNS FOLLOWING PROCEDURE OF SHEPPARD, R.A., AND GUDE A.J., 3D., 1965, USGS PROFESSIONAL PAPER 597. PEAK POSITION AND CELL PARAMETERS WERE REFINED USING ALGORITHM OF APPELMAN, D.E., AND EVANS, H.T., JR., 1973, NTIS DOCUMENT PB-216188. COMPLETE BIBLIOGRAPHIC CITATIONS ARE IN REPORT. | DNT |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
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| GS930508314214.003 | GRAIN-SIZE DATA FROM FOUR CORES FROM WALKER LAKE, NEVADA, BY JAMES C. YOUNT AND MARY F. QUIMBY | 01/01/88-07/11/88 | GRAIN SIZE DISTRIBUTIONS DETERMINED BY PHOTO-EXTINCTION METHODS (SIMMONS, G., 1959, THE PHOTO-EXTINCTION METHOD FOR MEASURING SILT-SIZED PARTICLES: JOURNAL OF SEDIMENTARY PETROLOGY, V. 29) USING A HYDROPHOTOMETER. MEAN PARTICLE DIAMETER, PERCENT SAND, AND RATIO OF SILT TO CLAY WERE PLOTTED FOR DIFFERENT DEPTHS. CORES WERE COMPARED FOR TEXTURAL PROPERTIES USING PLOTS OF MEAN GRAIN SIZE, SORTING, AND SKEWNESS. HYDROPHOTOMETER METHOD VALIDATED BY COMPARISON TO PIPETTE METHODS OF FOLK, R.L., (1968, PETROLOGY OF SEDIMENTARY ROCKS) AND GALEHOUSE, J.S. | DNC |
| | and a state of the | | (1971, SEDIMENTATION ANALYSIS, IN | |
| | | | COMPLETE BIBLIOGRAPHIC CITATIONS IN | |
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| | ACON/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
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| GS930508314214.004 | COMPILATION OF MODAL ANALYSES OF VOLCANIC ROCKS FROM THE NEVADA TEST SITE AREA, NYE COUNTY, NEVADA, BY W.R. PAGE COMPUTERIZED DATA BASE OF PETROLOGICALLY ANALYZED VOLCANIC ROCK THIN SECTIONS. | 01/01/89-01/26/90 | MODAL PETROGRAPHIC DATA OF VOLCANIC ROCK SAMPLES ANALYZED BY THIN SECTION. DATA WAS RECORDED AND ENTERED INTO COMPUTERIZED DATABASE. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
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| SITE CHARACTERIZATION PLAN BASELINE | | | | | I A F T |
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| GS930508314214.005 | CHEMICAL AND MINERALOGIC TRENDS WITHIN THE TIMBER MOUNTAIN-OASIS VALLEY CALDERA COMPLEX, NEVADA: EVIDENCE FOR MULTIPLE CYCLE EVOLUTION IN A LONG-LIVED SILICIC MAGMA SYSTEM, BY DAVID E. BROXTON, RICHARD G. WARREN, FRANK M. BYERS, AND ROBERT B. SCOTT | 01/01/88-01/01/89 | A COMBINATION OF WHOLE ROCK AND PUMICE SAMPLES WERE USED TO CHARACTERIZE CHEMISTRY OF MAGMAS. MAJOR AND MINOR ELEMENT ANALYSES MADE BY X-RAY FLUORESCENCE, ANALYSIS PROCEDURE OF VALENTINE, G., 1983, PROCEDURES FOR ANALYSIS OF SILICATE ROCKS AND MINERALS AT LOS ALAMOS NATIONAL LABORATORY BY X-RAY FLUORESCENCE, LANL REP., LA-9663. M.S. TRACE ELEMENT COMPOSITIONS WERE DETERMINED BY INSTRUMENTAL NEUTRON ACTIVATION ANALYSIS. CHEMICAL COMPOSITION OF PHENOCRYSTS DETERMINED BY WAVELENGTH DISPERSIVE X-RAY ANALYSIS. | DI | N C |
| 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. | Di | N T |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | |
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| | *************************************** | TOTAL DEAD LEVIOD | | E D N |
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| 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. | DNT |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| | | | $\mathcal{M}_{\mathrm{eff}}$, we assume that the set of | |
| 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. | DNT |
| | | | | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO USW G-1 USW G-2 USW GU-3 USW VH-1 YUCCA MOUNTAIN VICIN: | r Myselen en entregener ITY | | |
| *65900908314215.009 | GEOLOGY OF SYNCLINE RIDGE AREA PELATED | 01/01/76-12/31/78 | | |
| | TO NUCLEAR WASTE DISPOSAL, NEVADA TEST SITE, NYE COUNTY, NEVADA, BY D.L. HOOVER 4 J.N. MORRISON. INVESTIGATION OF ARGILLITE IN UNIT J (MISSISSIPPIAN) OF THE ELEANA FORMATION (DEVONIAN AND MISSISSIPPIAN) AS A POSSIBLE REPOSITORY SITE. | -2, 02, 10-22, 01, 10 | GEOPHYSICAL SURVEYS, MAPPING AND LABORATORY STUDIES WERE USED IN THIS INVESTIGATION. | J N I |
| | ACON /DEVIL TOCATION . HERE DENIES | | | |
| • • • • • | ROGH, DAVE DUCKLICK ; USGS, DERVER, CU | . . | | ÷ |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | ь | TFT YII PEO |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | E D N |
| GS911108314215.009 | MEASUREMENTS OF REMNANT MAGNETIZATION, RAW DATA. | 01/01/79-01/01/89 | USGS STANDARD COLLECTION METHODS. | ANC |
| | ACON/DEVL LOCATION : 36 57'N 116 20'W | | | |
| GS920908314215.001 | PRELIMINARY AEROMAGNETIC MAP OF THE NEVADA TEST SITE AND VICINITY, NEVADA BY K.S. KIRCHOFF-STEIN, D.A. PONCE, AND B.A. CHUCHEL | 01/01/88-05/09/89 | COMPILATION AND MERGING OF DATA SETS FROM EIGHT SEPARATE AEROMAGNETIC SURVEYS AS NOTED IN DISCUSSION TEXT OF MAP. | DNC |
| | ACQN/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
| GS930108314215.001 | MAJOR RESULTS OF GRAVITY AND MAGNETIC STUDIES AT YUCCA MOUNTAIN, NEVADA, BY H.W. OLIVER, D.A. PONCE, AND R.F. SIKORA. | 01/01/90-12/27/90 | SUMMARIES OF MAJOR RESULTS FROM PREVIOUSLY PUBLISHED MAGNETIC AND GRAVITY DATA/INFORMATION. | DNC |
| | ACON/DEVL LOCATION : USGS, MENLO PARK, CA | | | |
| GS930108314215.002 | PALEOMAGNETIC CONSTRAINTS ON THE GEOMETRY AND TIMING OF DEFORMATION AT YUCCA MOUNTAIN, NEVADA BY J.G. ROSENBAUM, M.R. HUDSON, AND R.B. SCOTT. | 01/01/89-01/01/91 | INTERPRETATION OF REMNANT MAGNETISM WHICH CONCLUDES THAT THE SOUTHERN TIP OF YUCCA MOUNTAIN WAS ROTATED IN A CLOCKWISE FASHION RELATIVE TO A NORTHERN YUCCA MOUNTAIN REFERENCE POINT AFTER EMPLACEMENT OF THE TIVA CANYON MEMBER OF THE PAINTBRUSH TUFF (13 MA) | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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DQ AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA ΤFΤ YII PEO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN _____ -----GS930408314215.003 PALEOMAGNETIC ORIENTATION OF CORE FROM 01/01/84-01/10/85 REMANENCE DATA FOR PROGRESSIVELY DNT DRILL HOLE USW GU-3, YUCCA MOUNTAIN, DEMAGNETIZED CORE SAMPLES WERE PLOTTED ON NEVADA: TIVA CANYON MEMBER OF THE MODIFIED ZIJDERVELD DIAGRAMS (ZIJDERVELD, PAINTBRUSH TUFF, BY J.G. ROSENBAUM AND J.D.A, 1967, ANALYSIS OF RESULTS. IN W.C. RIVERS. METHODS IN PALEOMAGNETISM, AND ROY, J.L. AND PARK, J.K., 1974, THE MAGNETIZATION PROCESS OF CERTAIN RED BEDS: VECTOR ANALYSIS OF CHEMICAL AND THERMAL RESULTS). FOR SAMPLES NOT PROGRESSIVELY DEMAGNETIZED, THE STABLE DIRECTION OF REMANENCE WAS TAKEN AS THAT GIVEN BY MEASUREMENT AFTER DEMAGNETIZATION AT 10MT. FOR DEMAGNETIZED SAMPLES, PALEOMAGNETIC DIRECTION WAS DETERMINED BY AVERAGING OF MEASUREMENTS AFTER DEMAGNETIZATION. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. ACQN/DEVL LOCATION : USGS, DENVER, CO grig a loa en GS930508314215.004 PALEOMAGNETIC DIRECTIONAL DISPERSION 01/01/85-12/30/85 ALTERNATING FIELD AND THERMAL DNC PRODUCED BY PLASTIC DEFORMATION IN A DEMAGNETIZATION TECHNIQUES WERE USED IN THICK MIOCENE WELDED TUFF, SOUTHERN ANALYZING THE REMANENT MAGNETIZATIONS NEVADA: IMPLICATIONS FOR WELDING WHICH WERE MEASURED WITH A SPINNER TEMPERATURES, BY J.G. ROSENBAUM MAGNETOMETER. THERMAL DEMAGNETIZATION ACHIEVED IN A NONINDUCTIVELY WOUND

> FURNACE. MAGNETIC PHASES WERE IDENTIFIED USING THERMOMAGNETIC (J-T) ANALYSIS.

ACQN/DEVL LOCATION : USGS, DENVER, CO

| D A T A SITE CHARACTERIZATION PLAN BASELINE T Y | | | | | | |
|---|--|---|--|--|--------------|---------|
| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PE ED |) N |
| Activity - 8.3.1.4. | 2.1.6 | | | | | |
| GS930408314216.001 | REINTERPRETATION OF NYE COUNTY, NEVADA, YOUNT, AND S.T. HARD | THE BEATTY SCARP, By WC SWADLEY, J.C. Ing. | 01/11/85-11/19/85 | INFERENCES ARE DRAWN FROM DATA OBTAINED BY MAPPING, SCARP PROFILE MEASUREMENTS, TRENCH LOGGING, RADIOMETRIC DATING AND SEISMIC PROFILING. | DN | I C |
| | ACON/DEVL LOCATION : | USGS, MENLO PARK, CA | | | | |
| GS930508314216.002 | INVENTORY OF GRANITI STATE OF NEVADA, BY FLORIAN MALDONADO, J HANNA, AND G.L. DIXO | C MASSES IN THE RICHARD W. SPENGLER, .E. WEIR, JR., W.F. N | 01/01/78-01/01/79 | PRELIMINARY INVENTORY OF EXPOSED GRANITIC MASSES SUMMARIZING GEOLOGIC, AEROMAGNETIC, HYDROLOGIC, AND SELECTED GEOGRAPHIC INFORMATION. | DN | 1 C |
| | ACQN/DEVL LOCATION : | USGS, DENVER, CO | | | | |
| GS931208314216.003 | SURFACE REFLECTION S THE GHOST DANCE FAUL EXTENDING FROM THE P WT-2 TO THE REGION E CROSSING THE TRACE C SOUTH FROM THE REGIO PAST USW NRG-6 TO TH | EISMIC IMAGING OF T IN SURVEYS EGION WEST OF USW AST OF UE-25 UZ #16, F THE FAULT, AND N OF UE-25 NRG #7 E SUBDOCK AREA. | 10/25/93-10/29/93 | SN-0055, HIGH RESOLUTION SURFACE SEISMIC Reflection | АУ | ! P |
| | ACON/DEVL LOCATION : | N9960.5890 (N) E10024 N9832.4170 (N) E10121 N9708.8875 (N) E10220 N9591.6391 (N) E10327 N9532.4599 (N) E10380 N9462.4228 (N) E10421 N9313.9099 (N) E10480 N9165.3257 (N) E10539 N9017.7991 (N) E10539 N9017.7991 (N) E10539 N8872.6339 (N) E10544 N8725.8638 (N) E10726 N8618.3993 (N) E10780 N8519.8757 (N) E10848 N8420.8730 (N) E10944 N8311.9528 (N) E10965 N8209.2557 (N) E11024 N8117.1068 (N) E11100 N8019.7898 (N) E11169 | .4430 (N) .2591 (N) .6840 (N) .8713 (N) .5828 (N) .1820 (N) .1320 (N) .6012 (N) .5914 (N) .9011 (N) .7060 (N) .9401 (N) .3095 (N) .4696 (N) .2453 (N) .6838 (N) .9453 (N) .7612 (N) | | | |

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| | | SITE CH | ARACTERIZATION PLAN BASELI | NE | D Q A U L T A O A L C I A T F T |
|-------------------|-------------------|--|---|------------------|--|
| | | | | | Y I I P E O |
| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACON/DEVL PERIOD | ACQN/DEVL METHOD | EDN |
| | | N7916.5370 (N) N7820.6039 (N) N7820.6039 (N) N7711.9586 (N) N7495.5986 (N) N7495.5986 (N) N7390.1705 (N) N7362.8533 (N) N735.4308 (N) N735.4308 (N) N7278.3449 (N) N7171.6214 (N) N7068.3647 (N) N6961.8605 (N) N6846.8649 (N) N6718.6944 (N) N6718.6944 (N) N6718.6944 (N) N6342.3905 (N) N5958.6282 (N) N6042.0575 (N) N6052.2773 (N) N6052.2773 (N) N6052.0792 (N) N6039.1731 (N) N6039.1731 (N) N5980.0382 (N) N5980.0382 (N) N5980.3595 (N) N5980.3595 (N) N5980.3595 (N) N5993.6122 (N) N5993.6122 (N) N5970.2546 (N) N5970.2546 (N) N5970.2546 (N) N5970.4482 (N) N5970.4482 (N) N5986.5449 (N) N5986.5449 (N) N5986.5449 (N) N5986.5449 (N) N5986.5449 (N) | E11229.9327 (N) E11303.4229 (N) E11418.2341 (N) E11534.4764 (N) E11534.4764 (N) E11652.2433 (N) E11652.2433 (N) E11773.0950 (N) E11801.6855 (N) E11819.6376 (N) E11976.4329 (N) E12097.3827 (N) E12216.6420 (N) E12325.2640 (N) E12325.2640 (N) E12315.9161 (N) E12609.7504 (N) E12701.4512 (N) E4097.8285 (N) E4160.9987 (N) E4225.4879 (N) E42335.7208 (N) E4335.7208 (N) E4335.7208 (N) E4410.0779 (N) E4412.6268 (N) E4512.6268 (N) E4512.6268 (N) E4512.6268 (N) E4582.8883 (N) E4582.8883 (N) E4658.6651 (N) E4658.6651 (N) E4658.6651 (N) E4738.1918 (N) E4658.6112 (N) E5042.9647 (N) E5122.1358 (N) E5167.7525 (N) E5198.0203 (N) E5275.3534 (N) E5285.5811 (N) E5285.5811 (N) E5285.5811 (N) | | |
| | | N6022.7096 (N) N6015.4753 (N) N6034.8053 (N) N6056.0495 (N) | E5418.4558 (N) E5430.5383 (N) E5505.8366 (N) E5513.7281 (N) | | • • • • • • • • • • • • • • • • • • • |

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P E O E D N

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| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACON/1 | DEVL PERIOD | ACQN/DEVL METHOD | E D N |
|-------------------|-------------------|-----------------|-----------------|---------------------------------------|------------------|---|
| | **************** | | DEFAR ATAE AN | | | |
| | | N6043.1944 (N) | E5545.4145(N) | | | |
| | | N606/.82/8(N) | E3021.00/1(N) | | | |
| | | N6099.4859(N) | 23041.2903(N) | | | |
| | | N6076.0656(N) | E5736 7006(N) | | | |
| | | N6095.4570(N) | E5773 4696(N) | | | |
| | | N6113 3751 (N) | E5787.2864 (N) | | | |
| | | N6131 1460 (N) | E5849, 9884 (N) | | | |
| | | N6151.0592 (N) | E5885.2096(N) | | | |
| | | N6159.0054 (N) | E5923.6791(N) | | | |
| | | N6175.7334(N) | E5960.3955(N) | | | |
| | | 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) | | | |
| | | N624/.1338(N) | E0499.0000(N) | | | |
| | | N6262.22U2(N) | E0300.10/0(N) | | | |
| | | N6228,0644 (N) | EC010.300/(N) | | | |
| | | N6202.9713(N) | E6738 5013(N) | | | |
| | | N6552 8408 (N) | #6808 3088 (N) | | | |
| | | N6616 5767 (N) | E6835.7614 (N) | | | |
| | | N6170.2929 (N) | E6849.1927(N) | e e e e e e e e e e e e e e e e e e e | | |
| | | N6191.9190(N) | E6872.2616(N) | , | | |
| | | N6727 .8885 (N) | E6880.5514 (N) | | | |
| | | N6837.4117(N) | E6929.0871(N) | 1 | | |
| | | 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) | | . 44 | |
| | | N7399.0907(N) | E7134.7786(N) | | | |
| | | N6012.1696(N) | E7167.7636(N) | | | 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - |
| | | N7513.4355(N) | E/170.8747(N) | | | |
| | | N7628,5099(N) | E/203.9988(N) | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
|---|----------------------------------|----------------------------------|--|------------|
| | N5997.4303 (N) N7742.6959 (N) | E7241.8981(N) E7242.3321(N) | | |
| | N5947.8325(N) N7856.9857(N) | E7268.7867 (N) E7279.1637 (N) | | |
| | N7970.4825(N) | E7316.1249 (N) | | |
| | N8084.4577 (N) | E7353.4548 (N) | | |
| | N5890.1945 (N) | E/363.8458 (N) E7372.9963 (N) | | |
| | N8198.8727 (N) | E7389.1261 (N) | | |
| | N8312.5558 (N) | E7427.2000 (N) | | |
| | N8426.5162(N) N5933 5488/N) | E7464.0385(N) F7477 6558(N) | | |
| | N5861.5641 (N) | E7483.3608 (N) | | |
| | N8541.5601 (N) | E7501.5006 (N) | | |
| $\sum_{i=1}^{n} (1 - i) \sum_{i=1}^{n} (1 - i) \sum_{i$ | N8655.8137 (N) | E7540.5711(N) | the second s | |
| | N5780.6145 (N) | E7578.1129 (N) | | |
| | N5802.7611 (N) | E7608.8712 (N) | | |
| | N8883.0316 (N) | E7617.7161 (N) | | |
| | N8997.4368 (N) N5734.1070 (N) | E7695.5762 (N) | | |
| | N9109.5011 (N) | E7695.6975 (N) | | |
| | N9222.6860 (N) | E7736.2967 (N) | | |
| | N9336.0218(N) N9373 8102(N) | E///J.UJJJ (N) E7789 A364 (N) | • | |
| | N5705.2246 (N) | E7811.5557 (N) | | |
| | N5731.7266 (N) | E7862.6024 (N) | | |
| | N5699.2553(N) N5725 3053(N) | E7930.6315(N) E7986 8801(N) | | |
| | N5695.5651 (N) | E8049.0120 (N) | | |
| | N5719.5249 (N) | E8119.8872(N) | | |
| | N5688.9889(N) N5713.4501(N) | E8168.7993(N) F8253 3378(N) | | |
| | N5683.4837 (N) | E8288.2068 (N) | | |
| | N5665.3461 (N) | E8393.4646 (N) | | |
| | N5675.9964 (N) | E8408.4176(N) | | |
| | N5671.7787 (N) | E8527.9467 (N) | | |
| | N5666.9878 (N) | E8647.3835 (N) | | |
| | N5663.4313 (N) | E8673.7730 (N) | . | |
| 1 | N5661 8176 (N) | E8820.0033(N) | | |
| | N5662.1700 (N) | E8887.4404 (N) | | |

----_ A L C I A T F T Y I I

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| DATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACON/DEVL METHOD | 1 1 | P E E D | о И - |
|-------------------|-------------------|--------------------|------------------------|------------------|--------|----------------|-------------|
| | | N5655.1329(N) E89 | 926.3097 (N) | | | | |
| | | N5643.6293(N) E89 | 952.1941 (N) | | | | |
| | | N5632.3262(N) E90 | 003.1603 (N) | | | | |
| | | N5603.1969 (N) E90 | 077.6718 (N) | | | | |
| | | N5596.3555(N) E90 | 077.7650 (N) | | | | |
| | | N5569.9356(N) E91 | 149.3739(N) | | | | |
| | | N5531.5209(N) E92 | 219.7575 (N) | | | | |
| | | N5489.7463(N) E92 | 288.0449 (N) | | | | |
| | | N5423.1018(N) E93 | 387.1449 (N) | | | | |
| | | N5354.1660(N) E94 | 488.1005 (N) | | | | |
| | | N5289.2922(N) E9 | 585.6306 (N) | | | | |
| | | N5219.5190(N) E9 | 683.8299 (N) | | | | |
| | | N10489.1708(N) E | 9749.7864 (N) | | | | |
| | | N5151.9322(N) E97 | 782.2171 (N) | | | | |
| | | N10386.1000(N) E | 9809 . 6943 (N) | | | | |
| | | N10239.9481 (N) E | 9875.2712 (N) | | | | |
| | | N5083.7328(N) E98 | 880.3085 (N) | | | | |
| | | N10095.4777(N) E | 9940.0237 (N) | | | | |
| | | N5018.2490(N) E99 | 980.4391 (N) | | | | |
| | | N7724.1308(N) N5 | 756.1761 (N) | | | | |

Activity - 8.3.1.4.2.2

**GS900908314211.007 A SUMMARY OF GEOLOGIC STUDIES THROUGH JANUARY 1, 1983, OF A POTENTIAL HIGH-LEVEL RADIOACTIVE WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA, BY U.S. GEOLOGICAL SURVEY. GEOMORPHOLOGY, PHYSIOGRAPHY, TOPOGRAPHY, STRATIGRAPHY, TECTONIC AND VOLCANIC FRAMEWORK, STRUCTURAL GEOLOGY, SEISMICITY, LONG-TERM REGIONAL STABILITY, SUBSURFACE DRILLING & MINING

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ACON/DEVL LOCATION : USGS, MENLO PARK, CA

01/01/83-11/06/84 USGS STANDARD METHODS.

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| | , SITE CHARACTERI | ZATION PLAN BASELIN | PE. | DQ AU TA AL I TF | LOCAT |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METROD | Y I P E E D | I O N - |
| SNSAND85081500.000 | SAND85-0815: "PRELIMINARY VALIDATION OF GEOLOGY AT SITE FOR REPOSITORY SURFACE FACILITIES, YUCCA MOUNTAIN, NEVADA" ACQN/DEVL LOCATION : SNL | 06/01/85-11/01/86 | DATA USED IN THE REPORT WAS OBTAINED FROM BOREHOLES; UE-25 RF#3, UE-25 RF#3B, UE-25 RF#9, UE-25 RF#10, & UE-25 RF#11. SEE SNL SOURCE DATASETS MENTIONED IN COMMENT SECTION. | DN | c |
| SNSAND877081A0.000 | SAND87-7081A: "STYLES OF EXTENSION IN THE NEVADA TEST SITE REGION, SOUTHERN WALKER LANE BELT; AN INTEGRATION OF VOLCANO-TECTONIC AND DETACHMENT FAULT MODELS" | 01/01/87-12/01/87 | DETAILED GEOLOGICAL INFORMATION, SUPPORTED BY GEOPHYSICAL DATA AND DRILL HOLES, INDICATES THAT SEVERAL DEFORMATIONAL STYLES CHARACTERIZE THE WALKER LANE BELT OF THE SOUTH-CENTRAL GREAT BASIN AND NEVADA TEST SITE REGION. (SEE SAND87-7081A FOR A DETAILED DESCRIPTION). | DN | C |
| | ACON/DEVL LOCATION : SNL | | | | |
| Activity - 8.3.1.4. | 2.2.1 | | | | |
| **GS900908314221.005 | PHOTOGEOLOGIC STUDY OF SMALL-SCALE LINEAR FEATURES NEAR A POTENTIAL NUCLEAR-WASTE REPOSITORY SITE AT YUCCA MOUNTAIN, SOUTHERN NYE COUNTY, NEVADA, BY C.K. THROCKMORTON | 01/01/85-12/31/85 | USGS STANDARD METHODS. LINEAR FEATURES WERE MAPPED FROM AERIAL PHOTOGRAPHS BY MEANS OF A KERN PG 2 STEREOPLOTTER. FRACTURE-TRACE BEARINGS AND FRACTURE-TRACE LENGTHS OF CERTAIN AREAS WERE RECORDED ON FIELD TRIPS. | DN | T |

ACQN/DEVL LOCATION : NORTHERN HALF OF YUCCA MOUNTAIN, NTS USGS, DENVER, CO

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| | SITE CHARACTERI | LATION PLAN BASELIN | E | DQ AUL TAO ALC IA TFT YII |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| GS920708314221.002 | FIELD OBSERVATIONS OF FRACTURES AND FIELD MEASUREMENTS OF ATTRIBUTES OF FRACTURES, 1/13/92 - 7/17/92, MAPS AT 1:240. GHOST DANCE FAULT, YUCCA MOUNTAIN, NEVADA | 01/13/92-07/17/92 | GP-01, GEOLOGIC MAPPING; AND GP-12, MAPPING FRACTURES OR PAVEMENTS, OUTCROPS& ALONG TRAVERSES. | АУС |
| | ACQN/DEVL LOCATION : N762600(N) E562000(N) | ;N763400(N) E56260 | 0 (N) | |
| **GS920708314221.003 | GEOLOGIC MAPPING DATA FOR EAST OF BEATTY MOUNTAIN 7.5' QUADRANGLE, NORTHERN CRATER FLAT: 2 FIELD NOTEBOOKS, 4 ORTHOPHOTOS WITH COMPILED FIELD DATA, 4 COLOR MAPS ON TOPOGRAPHIC BASES, AND EXPLANATION OF MAP UNITS. | 04/04/92-06/02/92 | TECHNICAL PROCEDURE GP-01, R2 GEOLOGIC MAPPING | AYC |
| ···· · | ACON/DEVL LOCATION : 35 56'15"N 116 37'30" | W ;37 00,00"N 116 3 | 3,42.M | |
| GS921008314221.006 | FIELD OBSERVATIONS OF FRACTURES AND FIELD MEASUREMENTS OF ATTRIBUTES OF FRACTURES 7/18/92 - 9/30/92, MAPS AT 1:240, SOUTHERN PART OF GHOST DANCEFAULT, YUCCA MOUNTAIN, NEVADA | 07/18/92-09/30/92 | GP-01, R2, GEOLOGIC MAPPING; AND GP-12, R1, MAPPING FRACTURES ON PAVEMENTS, OUTCROPS AND ALONG TRAVERSES. | AYC |
| | ACQN/DEVL LOCATION : N762600(N) E562000(N) | ;N763400(N) E56260 |)0 (N) | |
| GS930108314221.001 | STRUCTURAL CHARACTER OF THE GHOST DANCE FAULT, YUCCA MOUNTAIN, NEVADA, BY R.W. SPENGLER, C.A. BRAUN, R.M. LINDEN, L.G. MARTIN, D.M. ROSS-BROWN, AND R.L. BLACKBURN. | 01/01/92-01/11/93 | 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. | DYC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | Constant States | | · |

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| | SITE CHARACTERI | ZATION PLAN BASELIN | ε | I A T F T Y I I |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| 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. | DNC |
| a tangka da sa sa sa sa sa | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| **GS930108314221.004 | X-RAY FLUORESCENCE ELEMENTAL COMPOSITIONS 7/13/90 TO 12/5/90. INCLUDES PAINTBRUSH CANYON REFERENCE SECTION. UE-25 A\$1 AND UE-25 B-1H (B\$1). | 07/13/90-12/05/90 | ALTHOUGH THE TECHNICAL PROCEDURE WAS NOT IN EFFECT AT TIME OF ANALYSIS, THESE SAMPLES WERE ANALYZED IN ACCORDANCE WITH GCP-25,R0, DETERMINATION OF CHEMICAL | АУР |
| And Inc. | | | COMPOSITION BY ENERGY DISPERSIVE X-RAY FLUORESCENCE SPECTROMETRY. | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930208314221.006 | STRATIGRAPHIC AND STRUCTURAL FRAMEWORK OF YUCCA MOUNTAIN, NEVADA, BY R.W. SPENGLER AND K.F. FOX, JR. | 01/01/88-12/31/89 | COMPILATION OF STRATIGRAPHIC, LITHOLOGIC, MINERALOGICAL, AND STRUCTURAL DATA BASED ON NUMEROUS PUBLISHED PAPERS, AS WELL AS THE PERSONAL INVESTIGATIONS OF THE AUTHORS. DATA WERE OBTAINED USING STANDARD USGS METHODS FOR COLLECTING GEOLOGIC INFORMATION. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930208314221.007 | GEOLOGIC CHARACTER OF TUFFS IN THE UNSATURATED ZONE OF YUCCA MOUNTAIN, SOUTHERN NEVADA, BY B. SCOTT, R. SPENGLER, SHARON DIEHL, A.R. LAPPIN, AND M. CHORNACK. | 01/01/82-01/10/83 | DESCRIPTIONS AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED AND UNPUBLISHED DATA/INFORMATION, INCLUDING THE PHYSICAL PROPERTY CRITERIA STRATIGRAPHY, STRUCTURAL FRAMEWORK, PHYSICAL PROPERTIES, AND REGIONAL HYDROLOGIC OBSERVATIONS, WHICH | DNC |
| | | | ARE USED TO CHARACTERIZE QUALITATIVELY THOSE ROCK-MASS PROPERTIES THAT MAY AFFECT THE HYDROLOGY OF THE UNSATURATED ZONE AT YUCCA MOUNTAIN. | · · |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |

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| | | | | D Q A U L T A O |
| | SITE CHARACTERI | ZATION PLAN BASELIN | E | ALCIA |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON /DEVIL DEDIOD | | TFT YII PEO |
| | | | ACQN/DEVL METROD | EDN |
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| 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 | DNC |
| | | | IUCCA 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. | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930308314221.009 | SUBSURFACE GEOLOGY ALONG PLANNED (PRE 3/93) EXCAVATION ALIGNMENTS OF THE EXPLORATORY STUDIES FACILITY, CROSS SECTIONS, YUCCA MOUNTAIN, NEVADA | 08/01/92-03/29/93 | DATA WERE DEVELOPED USING STANDARD USGS PRACTICE FOR CROSS SECTIONS. | DNP |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS931008314221.011 | STRUCTURAL CHARACTER OF THE NORTHERN SEGMENT OF THE PAINTBRUSH CANYON FAULT, | 05/01/93-09/30/93 | TECHNICAL PROCEDURE GP-01, R2, GEOLOGIC MAPPING. | DNP |
| | IUCCA MOUNTAIN, NEVADA, BY R.P. DICKERSON AND R.W. SPENGLER | | | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | ματογραφικό το μετάλογο το μετάλο το μετά Το μετάλο το μετάλο τ Το μετάλο το μετάλο τ | |
| GS931208314221.012 | FAULT ATTITUDE DATA OF THE PAINTBRUSH CANYON FAULT SYSTEM. | 05/01/92-11/05/93 | NWM-USGS GP-01, R2, GEOLOGIC MAPPING. | АҮР |
| | ACON/DEVL LOCATION : N770270 (N) E570900 (N) | ;N793000(N) E57900 | 0 (N) | |
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| | SITE CHARACTER | IZATION PLAN BASELIN | NE. | DQ AUL TAO ALC IA |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | |
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| **GS931208314221.013 | FIELD DATA AND PETROGRAPHIC DATA FOR Welded TUFF IN THE RHYOLITE OF CALICO HILLS, IN FORTYMILE WASH. | 04/01/93-12/03/93 | TECHNICAL PROCEDURE GP-01,R2, GEOLOGIC MAPPING, AND GP-18,R1, PETROGRAPHIC ANALYSIS OF VOLCANIC ROCKS. | А ҮС |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS931208314221.014 | PETROGRAPHIC EVIDENCE FOR A WELDED TUFF IN THE RYHOLITE OF CALICO HILLS, BY R.P. DICKERSON AND W.C. HUNTER | 09/01/93-12/31/93 | REPORT WAS DEVELOPED BY ANALYZING AND INTERPRETING FIELD MAPPING AND PETROGRAPHIC ANALYSIS OF THIN SECTIONS DATA. | DYP |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| | | | and the second | |
| GS931208314221.015 | PHOTOMICROGRAPHS OF THIN SECTIONS FROM ANTLER RIDGE | 05/01/93-12/06/93 | GP-18, R1, PETROGRAPHIC ANALYSIS OF VOLCANIC ROCKS | АУР |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | ÷., |
| 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 | 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) ADDED BY CHEMICAL | DYP |
| | | | ANALYSIS | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | · · · · | 2 | - |
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| SITE CHARACTERIZATION PLAN BASELINE | | | | D Q A U T A L I T F Y I | LOCATI |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | РЕ Е D | 0 N - |
| **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. | АY | с |
| | ACON/DEVL LOCATION : 36 52'30"N 116 37'30" | W ;37 00'00"N 116 3 | 0°00"W | | |
| 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. | 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. | АҮ | P |
| х | ACON/DEVL LOCATION : N762,400(N) E560,600(| N) ;N765,200(N) E56 | 4, 400 (N) | | |
| GS940108314221.002 | THE SUNDANCE FAULT: A NEWLY RECOGNIZED SHEAR ZONE AT YUCCA MOUNTAIN, NEVADA, BY R.W. SPENGLER, C.A. BRAUN, L.G. MARTIN, AND C.W. WEISENBERG. | 10/01/93-12/31/93 | THIS REPORT WAS DEVELOPED BY INTERPRETING DETAILED STRUCTURAL MAPPING OF AN AREA THAT STRADDLES THE SURFACE OF THE GHOST DANCE FAULT. CONCLUSIONS WERE BASED ON OBSERVATIONS AND MAP ANALYSIS AT 1:240 AND 1:600 SCALES. | DN | с |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | |
| GS940308314221.003 | FRACTURE AND GEOLOGIC CONTACT MAP OF A PORTION OF THE GHOST DANCE FAULT, NYE COUNTY, NEVADA, SCALE 1:480, BY C.A. BRAUN, R.W. SPENGLER, L.G. MARTIN, R.M. LINDEN, R.L. BLACKBURN, AND D.M. ROSS-BROWN | 01/01/94-03/01/94 | THIS REPORT WAS DEVELOPED BY CREATING DETAILED FRACTURE AND GEOLOGIC MAPS OF AN AREA THAT STRADDLES THE SURFACE OF THE GHOST DANCE FAULT | DΥ | P |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | and a second br>Second second | | |
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| | SITE CHARAC | TERIZATION PLAN BASELIN | ve. | I A T F T |
| | | | | Y I I P E O |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | EDN |
| GS940508314221.004 | MAPPING OF GEOLOGIC AND STRUCTURAL FEATURES OF THE ARP-1 EXPOSURE, YUCCA MOUNTAIN, NEVADA | 02/15/94-05/03/94 | TECHNICAL PROCEDURE NWM-USGS GP-01,R2, GEOLOGIC MAPPING | АУР |
| | ACON/DEVL LOCATION : N762900.00(N) E56 | 2300.00 (N) | | |
| *GS940808314221.006 | GEOCHEMISTRY OF OUTCROP SAMPLES FROM RAVEN CANYON AND PAINTBRUSH CANYON REFERENCE SECTIONS YUCCA MOUNTAIN, NEVADA, BY Z.E. PETERMAN, R.W. SPENGLE F.R. SINGER AND R.P. DICKERSON | 07/01/94-07/26/94 R, | GEOCHEMICAL AND ISOTOPIC DATA ACQUIRED FROM MEASURED SECTION SAMPLES FROM THE TRAM, BULLFROG, PROW PASS, WAHMONIE, AND TOPOPAH SPRING TUFFS USING XRF AND MASS SPECTROMETRY ARE PRESENTED IN A SERIES OF GRAPHS SHOWING ELEMENTAL CONCENTRATIONS RELATIVE TO THE STRATIGRAPHIC POSITIONS (| DYP F OF |
| | | | THE SAMPLES. | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
| *GS940908314221.007 | STRUCTURE OF THE NORTHERN PART OF THE PAINTBRUSH CANYON FAULTS, YUCCA MOUNTAIN, NEVADA, BY R.P. DICKERSON AN R.W. SPENGLER | 05/01/94-09/16/94 D | FIELD DATA ANALYSIS AND STRUCTURAL INTERPRETATION | DYP |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | |
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| | SITE CHARACTERI | ZATION PLAN BASELIN | E | DQ AUL TAO ALC IA TFT |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | PEO EDN |
| Activity - 8.3.1.4. | 2.2.2 | | | |
| GS900908314222.001 | FRACTURES IN OUTCROPS IN THE VICINITY OF DRILL HOLE USW G-4, YUCCA MOUNTAIN, NEVADA, DATA ANALYSIS AND COMPILATION, BY C.C. BARTON, W.R. PAGE, AND T.L. MORGAN. | 01/01/84-01/20/89 | USGS STANDARD METHODS, PLOTTING AND ANALYSIS. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS910908314222.001 | PAVEMENT 600 DATA CONSISTING OF THE FOLLOWING ITEMS: DRY MOUNTED, ENLARGED PHOTO OF PAVEMENT 600, ORIGINAL PAVEMENT MAP, DRAFTED MAP WITH FRACTURE LABELED, AND FIELD DATA SHEETS WITH FRACTURE DATA. | 02/20/86-02/28/86 | DATA COLLECTED UNDER NWM-USGS-GP-12, RO. | A N P |
| • | ACQN/DEVL LOCATION : 36 52'03"N 116 27'22W | n se se de la construcción de la co La construcción de la construcción d | | |
| GS910908314222.002 | FRACTURE DATA FROM 41 UNCLEARED OUTCROPS STUDIED AT YUCCA MOUNTAIN AND FRAN RIDGE, INCLUDING 2 9X9 AERIAL PHOTOGRAPHS WITH PLOTTED STATION LOCALITIES; 2 GEOLOGIC MAPS (TOPOPAH SPRINGS NW AND SW) WITH PLOTTED LOCALITIES; COPY OF FIELD NOTES; COMPUTER PRINTOUT OF FORMATTED FIELD NOTES AND INTERPRETATIVE SUMMARIES FOR EACH STATION; LIST OF MEDIAN ORIENTATIONS AND CORRELATION OF SETS; LIST OF MEDIAN ORIENTATIONS OF TECTONIC JOINT SETS. | 04/01/90-06/30/91 | NWM-USGS-GP-12, R1 AND STUDY PLAN 8.3.1.4.2.2 | АУР |
| landa a secondar a s | ACQN/DEVL LOCATION : 36 52'07"N 116 24'19" 36 50'27"N 116 24'21" 36 50'33"N 116 24'24" 36 49'27"N 116 24'43" 36 48'19"N 116 24'45" 36 48'21"N 116 24'45" 36 48'53"N 116 24'45" 36 49'41"N 116 24'45" | W W W W W W W W W W W W W W W | | • • • • • |
| | 36 49'39"N 116 24'47" | W | | |
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| | SITE CHARACTERIZATION PLAN BASELINE | | | D Q A U I T A C A L C I J T F 2 Y I 2 P E C |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | EDI |
| | | 36 48'59"N 116 24'48"W 36 49'23"N 116 24'49"W 36 48'53"N 116 24'49"W 36 50'15"N 116 24'51"W 36 50'15"N 116 24'51"W 36 48'14"N 116 24'52"W | | |
| • • | | 36 49'36"N 116 25'23"W 36 52'26"N 116 26'03"W 36 52'32"N 116 26'21"W 36 52'30"N 116 26'22"W 36 52'33"N 116 26'24"W 36 52'35"N 116 26'24"W | | |
| | ·. · | 36 52'38"N 116 26'26"W 36 50'17"N 116 26'35"W 36 51'50"N 116 26'36"W 36 51'23"N 116 26'38"W 36 51'00"N 116 26'47"W 36 50'35"N 116 26'53"W | | |
| · | | 36 50'22"N 116 26'55"W 36 53'54"N 116 27'05"W 36 50'58"N 116 27'08"W 36 50'58"N 116 27'08"W 36 50'00"N 116 27'10"W | | |
| | | 36 50'24"N 116 27'13"W 36 52'36"N 116 27'14"W 36 52'38"N 116 27'15"W 36 51'36"N 116 27'15"W 36 50'01"N 116 27'18"W 36 50'01"N 116 27'18"W | | |
| | | 36 52'24"N 116 27'24"W 36 52'05"N 116 27'24"W 36 53'02"N 116 27'37"W 36 52'07"N 116 27'38"W 36 51'25"N 116 27'56"W 36 50'01"N 116 28'08"W | na ana amin'ny faritr'ora. Ny INSEE dia mampina mampina mampina mampina mampina mampina mampina mampina mampina mangka mangka mangka mangka Na amin'ny faritr'ora dia mampina mangka m | |

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| | SITE CHARACTERI | ZATION PLAN BASELIN | IE | I A T F T Y I I |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACON/DEVI. METHOD | |
| GS910908314222.003 | DATA FROM 6 PAVEMENTS (PAVEMENTS 100, 200, 300, 400, 500, and 1000) and data From Wash-out Strip. | 02/20/86-02/28/86 | NWM-USGS-GP-12, RO | АИР |
| | ACON/DEVL LOCATION : 36 52'03"N 116 27'22" | W | | |
| 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 | 09/03/92-11/20/92 | TECHNICAL PROCEDURE NWM-USGS GP-12,R1, MAPPING FRACTURES ON PAVEMENTS, OUTCROPS, AND ALONG TRAVERSES. | АҮС |
| | ACON/DEVL LOCATION : USBR SOIL AND ROCK LA | B, DENVER | | |
| GS930408314222.004 | FRACTAL GEOMETRY OF THE TWO-DIMENSIONAL FRACTURE NETWORKS AT YUCCA MONTAIN (SIC) , SOUTHWESTERN NEVADA, BY CHRISTOPHER C. BARTON AND ERIC LARSEN. | 01/01/84-01/01/85 | FRACTAL GEOMETRY (MANDELBROT, B.B., 1982, THE FRACTAL GEOMETRY OF NATURE), WAS APPLIED TO QUANTIFY SPATIAL AND TRACE LENGTH DISTRIBUTION. FRACTAL ANALYSIS METHOD, DESCRIBED IN REPORT, USED TO PLOT FRACTURE NETWORKS. | DNC |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS930708315142.003 | PHYSICAL PROPERTIES AND RADIOMETRIC AGE ESTIMATES OF SURFICIAL AND FRACTURE-FILL DEPOSITS ALONG A PORTION OF THE CARPETBAG FAULT SYSTEM, NEVADA TEST SITE, NYE COUNTY, NEVADA BY R.R. SHROBA, D.R. MUHS, AND J.N. ROSHOLT. | 01/01/87-07/01/88 | THIS STUDY CHARACTERIZES SURFICIAL AND FRACTURE-FILL DEPOSITS IN ORDER TO HELP DEFINE THE CHRONOLOGY OF MOVEMENTS ALONG THE CARPETBAG FAULT SYSTEM. METHODS INCLUDE: 1) FIELD STUDIES ACCORDING TO BIRKELAND, 1985 2) URANIUM-TREND AND URANIUM-SERIES ANALYSES TO DETERMINE AGES 3) CHITTICK GASOMETRIC TESTS TO DETERMINE CALCIUM CARBONATE CONTENT AND 4) CORRELATION TECHNIQUES. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. | DNC |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | · · · · · · · · · · · · · · · · · · · | |

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| | SITE CHARACTER | ZATION PLAN BASELIN | E | IA |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | Y I I P E O E D N |
| GS931008314222.006 | FRACTURE DATA FOR P2001 PAVEMENT AT FRAN RIDGE, DATED 02/09/93, 3/16-17/93, AND 4/9/93. | 02/09/93-04/09/93 | TECHNICAL PROCEDURE NWM-USGS GP-12,R1, MAPPING FRACTURES ON PAVEMENTS, OUTCROPS, AND ALONG TRAVERSES. | АУР |
| | ACQN/DEVL LOCATION : P2001 | | anta da la substanta da la substanta da Maria da Maria. Maria da Maria da Mar Maria da Maria da Mar | |
| GS940308314222.001 | FRACTURE DATA FOR PAVEMENT ARP-1, 12/17-22/93, 2/8-12/94, 2/28/94, AND 3/1/94 | 12/17/93-12/22/93 02/08/94-02/12/94 02/28/94-02/28/94 03/01/94-03/01/94 | TECHNICAL PROCEDURE NWM-USGS GP-12, R1, MAPPING ON PAVEMENTS, OUTCROPS, AND ALONG TRAVERSES. | AYP |
| | ACQN/DEVL LOCATION : N762,743.93(N) E562,4 ARP-1 | 88.87 (N) | | |
| G5940608314222.002 | CHARACTERIZING FRACTURED ROCK FOR FLUID-FLOW, GEOMECHANICAL, AND PALEOSTRESS MODELING: METHODS AND PRELIMINARY RESULTS FROM YUCCA MOUNTAIN, NEVADA BY: C.C. BARTON, E. LARSEN, W.R. PAGE, T.M. HOWARD | 01/01/90-01/01/91 | CHARACTERIZATION AND MAPPING OF A COMPLEX NETWORK OF FRACTURES WHICH WAS EXPOSED ON THREE 214 TO 260 SQUARE METER PAVEMENTS IN THE UPPER LITHOPHYSAL UNIT OF THE TIVA CANYON MEMBER OF THE MIOCENE PAINTBRUSH TUFF. | DNP |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| LA00000000031.001 | PRELIMINARY FRAN RIDGE WATER USE JOB PACKAGE 92-7. THIS PRELIMINARY DATA INDICATES THE QUANTITY OF WATER USED AND ITS PURPOSE DURING FRAN RIDGE PIT MAPPING. | 09/29/92-10/01/92 | DATA WAS COLLECTED UNDER REECO PROCEDURE CND-SOP-001 "WATER ACCOUNTABILITY ON THE YMP. TOTALS ARE A SUMMATION OF WATER USAGE AMOUNTS. FINALS RECEIVED WILL BE SUBMITTED TO THE DRC 018 FILE AND CLOSED WITH JP-92-7. | D Y T |
| | ACON/DEVL LOCATION : FRAN RIDGE | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| Activity - 8.3.1.4. | 2.2.3 | | | |
| GS911108314223.005 | EVALUATION AND COMPARISON BY STRATIGRAPHIC UNITS OF BOREHOLE FRACTURE ORIENTATIONS IN 14 WATER TABLE HOLES IN THE YUCCA MOUNTAIN AREA USING TELEVISION CAMERA DATA. | 01/01/83-12/31/84 | METHOD USED WAS LATER WRITTEN INTO NWM-USGS-GP-10. STATISTICAL METHOD FROM "STATISTICS OF DIRECTIONAL DATA" NEW YORK, ACADEMIC PRESS, 1972. | ANP |
| | ACQN/DEVL LOCATION : UE25 WT-1 UE25 WT-10 UE25 WT-11 UE25 WT-12 UE25 WT-14 UE25 WT-15 UE25 WT-16 UE25 WT-17 | | | |
| a an | UE25 WT-18 UE25 WT-2 UE25 WT-4 UE25 WT-6 UE25 WT-7 UW25 WT-3 | | | |
| GS930208314211.005 | STRATIGRAPHY AND STRUCTURE OF VOLCANIC ROCKS IN DRILL HOLE USW-G1 (USW G-1), YUCCA MOUNTAIN, NYE COUNTY, NEVADA, BY R.W. SPENGLER, F.M. BYERS, AND J.B. WARNER. | 01/01/81-11/02/81 | DESCRIPTIONS AND INTERPRETATIONS OF THE STRATIGRAPHY, STRUCTURE (SHEAR FRACTURES, JOINTS, FOLIATION AND LAYERING, FAULT ZONES, AND FRACTURE COATINGS), AND THE LITHOLOGIC LOG FOR DRILLHOLE USW G-1. METHODS USED INCLUDE CORE LOGGING AND PETROGRAPHIC STUDIES OF THIN SECTIONS. CHEMICAL ANALYSES USED AS AN AID IN ROCK CLASSIFICATION. X-RAY DIFFRACTION ANALYSIS USED TO IDENTIFY ALTERATION | DNT |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | an an an taon a | PRODUCTS. | |

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| | SITE CHARACTER | IZATION PLAN BASELIN | E | TAO ALC IA TFT |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | Y I I P E O E D N |
| 35930208314211.007 | GEOLOGY OF DRILL HOLE USW VH-2 AND STRUCTURE OF CRATER FLAT, SOUTHWESTERN NEVADA, BY W.J. CARR AND L.D. PARRISH. | 01/01/84-07/23/85 | DESCRIPTIONS AND INTERPRETATIONS OF PREVIOUSLY PUBLISHED AND UNPUBLISHED DATA/INFORMATION INCLUDING: STRATIGRAPHY AND LITHOLOGY, STRUCTURAL CHARACTERISTICS, AND GEOPHYSICAL LOGS FOR USW VH-2. | DNT |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| ctivity - 8.3.1.4. | 2.2.4 | | | |
| s930708314224.003 | GEOLOGIC FIELD MAPPING NOTEBOOKS AND LINE SURVEY COMPILATIONS FOR EXPLORATORY STUDIES FACILITY. | 04/14/93-06/23/93 | SCIENTIFIC NOTEBOOK PLAN SN-0041, RO "UNDERGROUND MAPPING OF THE NORTH RAMP STARTER TUNNEL AND APPURTENANCES". | АУР |
| | ACQN/DEVL LOCATION : NORTH RAMP OF ESF, AN | REA 25, NTS, NV | | |
| s930708314224.005 | STEREONET SCATTERPLOTS AND CONTOUR PLOTS FROM DETAILED LINE SURVEYS, NORTH RAMP, ESF. | 04/14/93-06/23/93 | STEREOPLOTTING USING DIPS 2.2. | DYP |
| n y n n Naminany nan | ACON/DEVL LOCATION : USBR, FOC, AREA 25, N | NTS, NV | | |
| 5931008314224.006 | DETAILED LINE SURVEY DATA FOR EXPLORATORY STUDIES FACILITY, NORTH RAMP STARTER TUNNEL, RIGHT SLASH. | 04/14/93-09/10/93 | SN-0041, RO, UNDERGROUND MAPPING OF THE NORTH RAMP STARTER TUNNEL AND APPURTENANCES | АҮТ |
| | ACON/DEVL LOCATION : NORTH RAMP OF ESF, AN | REA 25, NTS | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACON/DEVL METHOD | EDN |
| GS931008314224.007 | FULL-PERIPHERY MAPS, NORTH RAMP OF THE EXPLORATORY STUDIES FACILITY, THROUGH OCTOBER, 1993. | 04/14/93-09/10/93 | SN-0041,R0, UNDERGROUND MAPPING OF THE North Ramp Starter Tunnel and Appurtenances | AYC |
| | ACQN/DEVL LOCATION : NORTH RAMP OF ESF, AF | EA 25, NTS | | |
| GS940208314224.001 | DESCRIPTIONS AND ORIENTATIONS OF TWO FAULTS IDENTIFIED AT SURVEY POINTS NRPM-150 TO NRPM-157, NORTH RAMP PORTAL, ESF, MARCH 1993 | 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 | АYС |
| | ACON/DEVL LOCATION : NORTH RAMP PORTAL, ES | F | | |
| GS940208314224.002 | FULL PERIPHERY MAP/STARTER TUNNEL | 01/01/94-02/28/94 | FIELD DATA IS EXPORTED INTO DIPS AND NWA STATPAK THEN EXPORTED TO AUTOCAD. THE ANALYSIS PAPER DESCRIBES THE COLLECTION METHOD AND LIMITATIONS AND ADDITIONAL EXPLANATIONS FOR THE FULL PERIPHERY MAP | DYC |
| | ACQN/DEVL LOCATION : USBR, DENVER, CO | | | |
| Activity - 8.3.1.4. | 2.2.5 | | | |
| **GS900908314211.013 | GEOPHYSICAL STUDIES OF THE SYNCLINE RIDGE AREA, NEVADA TEST SITE, NYE COUNTY, NEVADA, BY D.B. HOOVER, W.J. HANNA, L.A. ANDERSON, V.J. FLANIGAN, AND L.W. PANKRATZ | 01/01/77-12/31/81 | GRAVITY, MAGNETIC, SEISMIC REFRACTION AND REFLECTION, AND FOUR DISTINCT ELECTRICAL METHODS EMPLOYED IN ATTEMPT TO DEFINE THE STRUCTURAL INTEGRITY AND SHAPE OF THE PROPOSED REPOSITORY MEDIUM. | DNT |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | and the second | |
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| | | SITE CHARACTER | IZATION PLAN BASELIN | IP. | A L T |
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| ATA TRACKING NO. | TITLE/DESCRIPTION | | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | P E E D |
| \$920908314225.002 | SEISMIC CROSSHOLE DAT #2 AND UE-25C #3. | A FROM WELLS UE-25C | 06/25/92-07/09/92 | DATA RECORDED USING YMP SOFTWARE CID: YMP-USGS/GSP0005.01 (X-ACQ V1.0) SP-13, R0, VSP AND CROSSHOLE TOMOGRAPHIC SURVEYS | а Y |
| | ACON/DEVL LOCATION : | UE-25C #2 UE-25C #3 | | | |
| \$931208314225.001 | VSP DATA FROM USW NRG | -6 AND USW WT-2 | 01/01/93-12/09/93 | SP-13,R1, VSP AND CROSSHOLE TOMOGRAPHIC SURVEYS | АЧ |
| | ACON/DEVL LOCATION : | N760709.03529(N) E561 N760660.54000(N) E563 N760635.22251(N) E563 N760596.53374(N) E563 N760596.53374(N) E563 N760596.96610(N) E563 N760592.39532(N) E563 N760613.91922(N) E563 N760613.42035(N) E563 N760674.34866(N) E563 N760768.62988(N) E563 N760768.46645(N) E563 N760768.46645(N) E563 N760789.85461(N) E563 N760789.85461(N) E563 N760802.13060(N) E563 | 1861.06022 (N) 1923.56000 (N) 1971.61496 (N) 2016.83945 (N) 2016.83945 (N) 2111.65543 (N) 2159.11495 (N) 2299.96883 (N) 2248.65178 (N) 2286.07975 (N) 2322.38096 (N) 2306.87925 (N) 2406.87925 (N) 2406.77385 (N) 2490.77385 (N) | | |
| | | N760817.82754 (N) E562 N760822.32512 (N) E562 N760823.01716 (N) E562 N760824.51338 (N) E562 N760823.72724 (N) E562 | 2590.35809 (N) 2640.04954 (N) 2686.90466 (N) 2739.71504 (N) 2787.52201 (N) | | |
| | | N760819.13400(N) E562 N760804.52429(N) E562 N766649.33809(N) E564 N766726.02468(N) E564 N766067.45545(N) E564 N766820 34544(N) E564 | 2836.77942 (N) 2897.30774 (N) 4161.39669 (N) 4186.92569 (N) 4351.69944 (N) 4552.00920 (N) | na an an an an ann an an an an an an an | |

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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | TFT YII PEO EDN |
|---------------------|---|-------------------|---|--------------------------|
| *GS940708314225.001 | COMBINED ANALYSIS OF SURFACE REFLECTION IMAGING AND VERTICAL SEISMIC PROFILING, BY T.M. DALEY, E.L. MAJER, AND E. KARAGEORGI | 01/01/94-07/18/94 | GEOPHYSICAL CHARACTERIZATION OF THE SUBSURFACE USING SURFACE REFLECTION PROFILING AND VERTICAL SEISMIC PROFILING | DYP |
| | ACON/DEVL LOCATION : LAWRENCE BERKELEY LAB | S, BERKELEY, CA | | |
| Activity - 8.3.1.4. | 3.1 | · · · · | | |
| SNSAND89227000.000 | POROSITY AND AIR PERMEABILITY DATA FROM SAND89-2270: "ESTIMATES OF SPATIAL CORRELATION IN VOLCANIC TUFF YUCCA MOUNTAIN, NEVADA" NNA.901213.0067 | 03/11/87-05/08/87 | THE SAMPLES OBTAINED WERE ANALYZED FOR POROSITY AND AIR PERMEABILITY BY LITTON CORE LAB. POROSITY WAS CALCULATED FROM THE BULK VOLUME AND GRAIN VOLUME OF THE SAMPLE USING API (AMERICAN PETROLEUM INSTITUTE) RP40. BULK VOLUME WAS DETERMINED BY MERCURY DISPLACEMENT AND THE GRAIN VOLUME BY BOYLE'S LAW GAS PRESSURE MEASUREMENT. PERMEABILITY WAS DETERMINED USING A TECHNIQUE THAT INCORPORATES DARCY'S LAW AND MEASURES THE PRESSURE DROP IN AIR FLOWING THROUGH THE SAMPLE. (FOR MORE DETAIL SEE SAND89-2270). | DNT |
| TM000000SD12RP.001 | USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION: - SHIFT DRILLING SUMMARIES (YMP-012-R2) - STRUCTURAL LOGS (YMP-011-R4) - LITHOLOGIC LOGS (YMP-009-R4) FROM 300 P. TUPOUGH 540 7 FFT | 04/01/94-04/25/94 | SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS&SM IN ACCORDANCE WITH YLP-SII.2Q-SMF: FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES. | АҮР |

ACON/DEVL LOCATION : N761,956.6(N) (EST.) E561,605.7(N) (EST.) GROUND ELEV. 4343.0'

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314 DO AUL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA TFT YII PEO DATA TRACKING NO. TITLE/DESCRIPTION ACON/DEVL PERIOD ACON/DEVL METHOD EDN TM000000SD12RP.002 USW SD-12 BOREHOLE SAMPLE COLLECTING AND 04/26/94-05/02/94 SAMPLE COLLECTING AND PROCESSING AYP PROCESSING INFORMATION FOR THIS ACTIVITIES ARE PERFORMED BY DS&SM IN RECORDS/DATA SEGMENT IS FROM 540.7 TO ACCORDANCE WITH YLP-SII.2Q-SMF; FIELD 600.7 FEET AND IS RECORDED ON THE LOGGING, HANDLING, AND DOCUMENTING FOLLOWING DOCUMENTS: -SHIFT DRILLING BOREHOLE SAMPLES. SUMMARIES (YMP-012-R2) · · · · · -STRUCTURAL LOGS (YMP-011-R4) -LITHOLOGIC LOGS (YMP-009-R4) ACQN/DEVL LOCATION : N761,956.6(N) (EST) E561,605.7(N) (EST) GROUND ELEV. 4343.0' TM000000SD12RP.003 USW-SD-12 BOREHOLE SAMPLE COLLECTING AND 05/03/94-05/06/94 SAMPLE COLLECTING AND PROCESSING AYP PROCESSING INFORMATION FOR THIS • ACTIVITIES ARE PERFORMED BY DS&SM IN RECORDS/DATA SEGMENT IS FROM 600.7 TO ACCORDANCE WITH YLP-SII.2Q-SMF; FIELD 660.7 FEET AND IS RECORDED ON THE LOGGING, HANDLING, AND DOCUMENTING FOLLOWING DOCUMENTS: - SHIFT DRILLING BOREHOLE SAMPLES. SUMMARIES (YMP-012-R2) - STRUCTURAL LOGS (YMP-001-R4) - LITHOLOGIC LOGS (YMP-009-R4). ACON/DEVL LOCATION : N761,956.6(N) (EST) E561,605.7(N) (EST) GROUND and a second framework ELEV. 4343.0' TM000000SD12RP.004 USW SD-12 BOREHOLE SAMPLE COLLECTING AND 05/09/94-05/13/94 SAMPLE COLLECTING AND PROCESSING AYP PROCESSING INFORMATION FOR THIS ACTIVITIES ARE PERFORMED BY DS&SM IN RECORDS/DATA SEGMENT IS RECORDED ON THE ACCORDANCE WITH YLP-SII.2Q-SMF; FIELD FOLLOWING DOCUMENTS: - SHIFT DRILLING LOGGING, HANDLING, AND DOCUMENTING SUMMARIES (YMP-012-R2), 660.7' TO BOREHOLE SAMPLES. 700.8'; - STRUCTURAL LOGS (YMP-001-R4), 667.9' TO 699.7'; AND - LITHOLOGIC LOG (YMP-009-R4), 650.0' TO 675.0'. ACON/DEVL LOCATION : N761,956.6(N) (EST) E561,605.7(N) (EST) GROUND . . . ELEV. 4343.0'

| | SITE CHARACTERIZATION PLAN BASELINE | | | | |
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| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | EDN | |
| TM000000SD12RP.005 | USW SD-12 BOREHOLE SAMPLE COLLECTING AND PROCESSING INFORMATION FOR THIS RECORDS/DATA SEGMENT IS RECORDED ON THE FOLLOWING DOCUMENTS: - SHIFT DRILLING SUMMARIES (YMP-012-R2), 700.8-703.9; - STRUCTURAL LOGS (YMP-001-R4), 699.5-714.9; AND - LITHOLOGIC LOGS (YMP-009-R4), 675.0 TO 725.0. | 05/16/94-05/20/94 | SAMPLE COLLECTING AND PROCESSING ACTIVITIES ARE PERFORMED BY DS4SM IN ACCORDANCE WITH YLP-SII.2Q-SMF; FIELD LOGGING, HANDLING, AND DOCUMENTING BOREHOLE SAMPLES. | А Ү Р | |
| Mark (1997) (1997) Mark (1997) | ACON/DEVL LOCATION : N761,956.6(N) (EST) I ELEV. 4343.0' | 2561, 605.7 (N) (EST) | GROUND | | |
| Activity - 8.3.1.4. | 3.1.1 | | | | |
| TM000000000CL.001 | COMPOSITE LOGS FOR DRILLING ACTIVITIES. | 09/01/91-10/01/92 | GRAPHICAL REPRESENTATION OF BOREHOLES LITHOLOGY AND RELATED DRILLING INFORMATION. | ANC | |
| | ACQN/DEVL LOCATION : WITHIN 25 MILE RADIU | S AROUND YUCCA MOUNT | AIN | | |
| TM0000000000CL.002 | COMPOSITE LOGS FOR DRILLING ACTIVITIES. | 10/01/92-07/31/93 | GRAPHICAL REPRESENTATION OF BOREHOLES LITHOLOGY AND RELATED DRILLING INFORMATION. | ANP | |
| | ACON/DEVL LOCATION : WITHIN 25 MILE RADIU | S AROUND YUCCA MOUNT | AIN | | |
| TM0000000000CL.003 | PRELIMINARY COMPOSITE BOREHOLE LOG AND SHIFT DRILLING SUMMARIES FOR UE-25NRG#4. | 06/17/93-07/21/93 | GRAPHICAL REPRESENTATION OF BOREHOLES LITHOLOGY AND RELATED DRILLING INFORMATION. CORE RUN INTERVALS PROVIDED ON THE SHIFT DRILLING SUMMARIES. | ANP | |
| | ACON/DEVL LOCATION : N767080.2(N) E566820 | . O (N) | | | |
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| | SITE CHARACTERIZATION PLAN BASELINE | | | | | |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVI. METHOD | P E | eo dn | |
| Activity - 8.3.1.5. | 1.2.1 | | | | | |
| GS930508315121.001 | LATE QUATERNARY PALEOLIMNOLOGY OF WALKER LAKE, NEVADA BY J. PLATT BRADBURY, R.M. FORESTER, AND R.S. THOMPSON. | 01/01/87-12/22/87 | REPORT EVALUATES PALEOLIMNOLOGICAL AND PALEOHYDROLOGICAL CHANGES BY INTERPRETING BIOSTRATIGRAPHIC CORRELATIONS FROM CORES 4,5,8 IN CONJUNCTION WITH DATED SHORELINE | D | NC | |
| , · · | | | DESCRIBED BY BATTARBEE (1985), POLLEN ANALYSIS USING PALYNOLOGICAL TECHNIQUES BY GRAY (1965), AGES BY RADIOCARBON DATING. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. | | . ''' | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | | |
| GS931208315121.002 | STABLE ISOTOPE ANALYSES OF GASTROPODS, 10/93-11/93. | 10/01/93-11/30/93 | NWM-USGS GCP-16,R3, CARBONATE CARBON AND OXYGEN ISOTOPE ANALYSES. | A | чc | |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | | · | |
| 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 | 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 | Υ₽ | |
| | ACQN/DEVL LOCATION : DESERT RESEARCH INST | itute, reno, nv | | | 274 - | |
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| SITE CHARACTERIZATION PLAN BASELINE | | | | |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACQN/DEVL PERIOD | ACQN/DEVL METHOD | PEO EDN |
| Activity - 8.3.1.5. | 1.2.2 | | | |
| GS921208315122.001 | DATA INCLUDE SITE LOCATIONS; PHYSICAL AND CHEMICAL PROPERTIES; MAJOR AND SOME MINOR IONS; AND OSTRACODE SPECIES PRESENCE AND ABSENCE FOR 106 SPRING AND WETLAND SITES FROM THE WESTERN PART OF THE UNITED STATES. | 01/01/81-05/02/89 | NWM-USGS HP-78,R1 NONMARINE CALCAREOUS MICROFOSSIL SAMPLE PREPARATION AND DATA AQUISITION PROCEDURES. | АНТ |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS921208315122.002 | MICROFOSSILS AS INDICATORS OF PALEOHYDROLOGY AND PALEOCLIMATE, BY RICHARD M. FORESTER AND ALISON J. SMITH. | 10/01/92-11/30/92 | OSTRACODES ARE ANALYZED TO SHOW THAT THEY ARE SENSITIVE HYDROLOGICAL AND CLIMATICAL INDICATORS. | DNC |
| • • • | ACON/DEVL LOCATION : USGS, DENVER, CO | | an a sheri a shekara a shi a shekara a s Ta | |
| GS931208315122.003 | FOSSIL OSTRACODE SPECIMENS FROM MARSH Deposits in LAS Vegas Valley | 01/20/93-12/01/93 | SAMPLE COLLECTION FOLLOWED GP-27, R2, TRENCH WALL AND NATURAL OUTCROP SAMPLING | AYC |
| | | | FOR COORDINATED STUDIES, SAMPLE PROCESSIN FOLLOWED HP-78,R1, NONMARINE CALCEREOUS MICROFOSSIL SAMPLE PREPARATION AND DATA ACOULSITION | • , . |
| | ACQN/DEVL LOCATION : USGS, DENVER, CO | | | |
| GS931208315122.004 | LATE GLACIAL CLIMATE ESTIMATES FOR SOUTHERN NEVADA: THE FOSSIL OSTRACODE RECORD, BY R.M. FORESTER AND A.J. SMITH. | 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 | DYP |
| di di se | ACQN/DEVL LOCATION : USGS, DENVER, CO | | TO PROVIDE PRELIMINARY PALEOHYDROLOGICAL RECONSTRUCTIONS FROM OSTRACODES. | |
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| SITE CHARACTERIZATION PLAN BASELINE | | | | | | A T |
| DATA TRACKING NO. | TITLE/DESCRIPTION | ACON/DEVL PERIOD | ACQN/DEVL METHOD | Y P E - | I E D - | 1 0 N - |
| Activity - 8.3.1.5. | 1.3.1 | | | | | |
| **GS900908315131.002 | PRELIMINARY ASSESSMENT OF CLIMATIC CHANGE DURING LATE WISCONSIN TIME, SOUTHERN GREAT BASIN AND VICINITY, ARIZONA , CALIFORNIA AND NEVADA, BY W.G. SPAULDING, S.W. ROBINSON, AND F.S. PAILLET. | 01/01/84-11/13/84 | PALEOCLIMATE RECONSTRUCTION USING CONCENTRATION AND RELATIVE ABUNDANCE VALUES OF PLANT MACROFOSSILS FROM PACKRAT MIDDEN RAPID-CARBON ANALYSES, WELLS, 1976; SPAULDING AND OTHERS, 1983. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. | D | И | T |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | | |
| GS930508315131.002 | VEGETATION AND CLIMATES OF THE LAST 45, 000 years in the vicinity of the nevada TEST SITE, South-Central Nevada, by W. GEOFFREY SPAULDING | 01/01/84-01/01/85 | AUTHOR CHARACTERIZES LONG-TERM CLIMATIC VARIABILITY. PALEOENVIRONMENTAL AND PALEOCLIMATIC RECONSTRUCTION OF THE PAST 45,000 YEARS USED TO CALCULATE POTENTIAL VARIATIONS IN WATER-TABLE LEVELS AND CROUND-MARE DECLARCE TO YOU WATER | D | N | P |
| | | ttan an an an | I.J., 1981, SCIENCE V. 212, AND WINOGRAD, I.J., AND DOTY, G.C., 1980, USGS OFR 80-569. RADIO-CARBON DATED PLANT MICROFOSSILS FROM PACKRAT MIDDENS USED FOR PALEOCLIMATIC RECONSTRUCTIONS. | | | |
| | ACON/DEVL LOCATION : USGS, DENVER, CO | | | | | |
| 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 | ¥ | с |
| | ACON/DEVL LOCATION : BETA ANALYTIC INC., M | IIAMI, FLORIDA | | | | |
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AŪL TAO ALC SITE CHARACTERIZATION PLAN BASELINE IA TFT YII PEO ACON/DEVL PERIOD ACON/DEVL METHOD EDN DATA TRACKING NO. TITLE/DESCRIPTION _____ ____ Activity - 8.3.1.5.1.3.3 01/01/87-12/21/88 CARBON-14 AGES CALCULATED USING HALF-LIFE D N T **GS900908315133.002 CLIMATIC CHANGES INFERRED FROM ANALYSES OF 5,570 YEARS CORRECTED FOR ISOTOPIC OF LAKE-SEDIMENT CORES, WALKER LAKE, FRACTIONATION. C-13/C-12 RATIO DETERMINED NEVADA, BY I.C. YANG. BY MASS SPECTROMETRY. TOTAL CARBON CONTENT OBTAINED BY LECO INDUCTION FURNACE METHOD, INORGANIC-CARBON CONTENT BY MODIFIED VAN-SLYKE PROCEDURE. SEDIMENT PROPERTIES DETERMINED FROM C-14 AGES. REPORT TEXT DETAILS METHODS. ACON/DEVL LOCATION : USGS, DENVER, CO 01/01/84-01/01/85 AUTHOR CHARACTERIZES LONG-TERM CLIMATIC DNP GS930508315131.002 VEGETATION AND CLIMATES OF THE LAST 45, VARIABILITY, PALEOENVIRONMENTAL AND 000 YEARS IN THE VICINITY OF THE NEVADA PALEOCLIMATIC RECONSTRUCTION OF THE PAST TEST SITE, SOUTH-CENTRAL NEVADA, BY W. 45,000 YEARS USED TO CALCULATE POTENTIAL GEOFFREY SPAULDING VARIATIONS IN WATER-TABLE LEVELS AND GROUND-WATER RECHARGE, FOLLOWING WINOGRAD, I.J., 1981, SCIENCE V. 212, AND WINOGRAD, I.J., AND DOTY, G.C., 1980, USGS OFR

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ACON/DEVL LOCATION : USGS, DENVER, CO

80-569, RADIO-CARBON DATED PLANT

PALEOCLIMATIC RECONSTRUCTIONS.

MICROFOSSILS FROM PACKRAT MIDDENS USED FOR

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

ACON/DEVL LOCATION : U.N.M., ALBUQUERQUE, NM

DO AUL TAO ALC IA SITE CHARACTERIZATION PLAN BASELINE TFT YII PEO ACON/DEVL PERIOD ACON/DEVL METHOD EDN TITLE/DESCRIPTION DATA TRACKING NO. _____ _____ 03/01/90-01/31/91 LINEAR REGRESSION TECHNIQUES APPLIED TO DNC GS911008315141.005 COMPUTER CALCULATIONS OF SOIL AGES VS. SOIL FIELD DATA AND SOIL AGES, USING FIELD PROPERTIES - REGRESSION STATPRO PROGRAMS. STATISTICS. ACON/DEVL LOCATION : USGS, DENVER, CO 04/01/85-08/22/91 DESCRIBE TIMING AND FORMATION OF DNC GS930108315141.001 MORPHOLOGY AND GENESIS OF CARBONATE QUATERNARY SOILS. SOILS ON THE KYLE CANYON FAN, NEVADA. USA. ACON/DEVL LOCATION : USGS, DENVER, CO and the second 01/01/87-09/04/87 THIS REPORT IS BASED ON PUBLISHED REPORTS D N C GS930108315141.002 LATE CENOZOIC EVOLUTION OF THE UPPER AND GEOLOGIC MAPS, TOPOGRAPHIC MAPS, AND AMARGOSA RIVER DRAINAGE SYSTEM, AERIAL PHOTOGRAPHS. FIELD EXAMINATION WAS SOUTHWESTERN GREAT BASIN, NEVADA AND PRECLUDED. CALIFORNIA, BY N. KING HUBER and the second ACON/DEVL LOCATION : USGS, MENLO PARK, CA 01/01/86-05/22/87 FAN UNITS WERE MAPPED USING STRATIGRAPHIC D N C GS930508315141.003 DEVELOPMENT RATES OF LATE QUATERNARY RELATIONS, SURFACE GEOMORPHIC SOILS, SILVER LAKE PLAYA, CALIFORNIA, BY CHARACTERISTICS, AND PRELIMINARY SOIL MARITH C. REHEIS, JENNIFER W. HARDEN, DATA. SOILS WERE DESCRIBED BY COLOR, PH, LESLIE D. MCFADDEN, AND RALPH R. SHROBA. TEXTURE, WET AND DRY CONSISTENCE, AND STRUCTURE, SOIL PROPERTIES MEASURED BY SOIL DEVELOPMENT INDEX (HARDEN, J.W., 1982, GEODERMA, AND HARDEN, J.W., AND TAYLOR, E.M., 1983, QUAT. RES.). CURVES WERE PLOTTED FOR VARIOUS CHARACTERISTICS AS A FUNCTION OF SOIL AGE. T-TESTS PERFORMED TO ASSURE ACCURACY IN DISTINGUISHING GROUPS OF SOILS OF DIFFERENT AGES. COMPLETE BIBLIOGRAPHIC CITATIONS IN REPORT. ACQN/DEVL LOCATION : USGS, DENVER, CO