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SELECTED STRATIGRAPHIC DATA FOR DRILL HOLES LOCATED IN FRENCHMAN FLAT NEVADA TEST SITE

**Revision 1
February 1997**

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**Selected Stratigraphic Data for Drill Holes Located
in Frenchman Flat, Nevada Test Site**

Revision 1
February 1997

by

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Prepared for the United States Department of Energy, Nevada Operations Office,
under Contract DE-AC08-96NV11718

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Selected Stratigraphic Data for Drill Holes Located in Frenchman Flat, Nevada Test Site

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ABSTRACT

Stratigraphic data are presented in tabular form for 72 holes drilled in Frenchman Flat, Nevada Test Site, between 1950 and 1993. Three pairs of data presentations are included for each hole: depth to formation tops, formation thicknesses, and formation elevations are presented in both field (English) and metric units. Also included for each hole, where available, are various construction data (hole depth, hole diameter, surface location coordinates) and certain information of hydrogeologic significance (depth to water level, top of zeolitization). The event name is given for holes associated with a particular nuclear test. An extensive set of footnotes is included, which indicates data sources and provides other information. The body of the report describes the stratigraphic setting of Frenchman Flat, gives drill-hole naming conventions and database terminology, and provides other background and reference material.

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SELECTED STRATIGRAPHIC DATA FOR DRILL HOLES LOCATED IN FRENCHMAN FLAT, NEVADA TEST SITE

by
S. L. Drellack, Jr.

Introduction

This report presents a compilation of selected stratigraphic data from drill holes in Frenchman Flat, Nevada Test Site, Nevada. Most of Frenchman Flat is in Nye County, but the area addressed in this report also extends into the southwestern corner of Lincoln County and the northwestern corner of Clark County. The northern part of Frenchman Flat was the site of ten announced underground nuclear tests (Table 1). The low-level Radioactive Waste Management Site (RWMS), presently managed by Bechtel Nevada (formerly Reynolds Electrical & Engineering Co., Inc. [REECo]) for the Department of Energy (DOE), is also located in northern Frenchman Flat.

The primary objective of this database report is to present an up-to-date and easily maintained set of stratigraphic data for Frenchman Flat. The first edition was published as a Raytheon Services Nevada internal report. This revision has been produced to add new data and to update or correct the original. The author also hopes that recipients will take this opportunity to compare this database with databases in residence elsewhere. Any suggestions for improvement or corrections to this database presentation are welcome.

Data Included

Most of the stratigraphic data for the 72 holes presented in this database were originally gathered to support the weapons or waste management programs in northern Frenchman Flat, as mentioned above. A handful of early U.S. Geological Survey (USGS) exploratory and hydrologic test holes were drilled in Frenchman Flat, but the southern and western portions are virtually unexplored. Post-shot drill holes and various shallow (typically less than 30 meters deep), small-diameter holes are not included in this database. An index map showing areas of the NTS included in this report is depicted in Figure 1, and a map showing hole locations is provided in Figure 2. Symbols, naming conventions, and nomenclature are summarized in Tables 2, 3, and 4.

Database Format

This report follows the same format used for the southern Yucca Flat stratigraphic database report (Drellack and others, 1997). All three data types (depths, elevations and thicknesses) are presented in both field (English) and metric units, resulting in the six sections presented in this report. Metric data were converted from the original field values using a conversion factor of 0.3048006 for Nevada State Coordinate System locations, and 0.3048 for stratigraphic and other data.

Table 1. List of announced underground nuclear tests in Frenchman Flat¹

Emplacement Hole Designation	Event Name	Date Expended	Announced Yield (kiloton)	Depth of Burial (meters)	Static Water Level Depth (meters)
Area 5					
U-5a	WISHBONE	02/18/65	<20	179	N/A ²
U-5b	DILUTED WATERS	06/16/65	<20	195	213 (est.) ³
U-5e	CAMBRIC	05/14/65	0.75	295	213
U-5i	DERRINGER	09/12/66	7.8	255	335
U-5k	MILK SHAKE	03/25/68	<20	265	286
Area 11					
U-11b	PIN STRIPE	04/25/66	<20	296	358
U-11c	NEW POINT	12/13/66	<20	243	299 (est.)
U-11e	DIANA MOON	08/27/68	<20	242	305 (est.)
U-11f	MINUTE STEAK	09/12/69	<20	264	302 (est.)
U-11g	DIAGONAL LINE	11/24/71	<20	265	302 (est.)

1 Source: US DOE (1994) and Marsh (1992).

2 N/A - not available

3 (est.) - estimated

Nevada Test Site

Figure 1. Index map of the Nevada Test Site showing areas included in this report

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Figure 2. Map showing Frenchman Flat drill hole locations.

Table 2. Naming conventions used in this report

Exploratory holes

Example: UE5b#3:

U	Drill hole on Nevada Test Site (NTS)
E	Exploratory hole (blank space implies emplacement hole)
5	Area of the NTS in which drill hole is located
b	Alphabetized individual hole designation
#3	Related exploratory and/or instrument hole

Radioactive Waste Management Site (RWMS) holes

Examples: UE5PW-1 Pilot Well #1 (in Area 5)
 U 5R6u RWMS hole #6u (in Area 5)
 SB5 AP1 Science Borehole (in Area 5) Air Permeability borehole #1

Older, special-purpose drill holes

Examples: HTH#3 USGS Hydrologic Test Hole #3
 TH5-4 USGS Test Hole 4 (in Area 5)
 WW5A Water Well 5A (in Area 5)
 WW6-4 Water Well 4 (in Area 6)
 RNM#1 Radionuclide Migration Study Hole #1

Underground Test Area (UGTA) drill holes (proposed monitoring wells)

Example: ER-5-1 #1:

ER	Identifier for Environmental Restoration Program drill holes
5	Area of the NTS in which drill hole is located
1	Numeric individual hole designation; usually indicates the order in which holes were planned or drilled
#1	Satellite hole #1

Table 3. Terminology used in this report

DEPTH	Depth to a particular unit top, measured from ground surface (true vertical depth for angle holes).
ELEVATION	Elevation of a particular unit top, with mean sea level (MSL) as datum.
THICKNESS	<p>"Drilled thickness" of a particular stratigraphic unit. These values are not corrected for drill hole deviation and/or structural orientation, and should be weighed accordingly. In most instances, bed dip is <25 degrees from horizontal, resulting in differences of <9.4 percent between true and apparent (drilled) thicknesses.</p> <p>Alluvium (QTa) thickness values may include thicknesses of 1) basalt flows, 2) playa deposits, and/or 3) colluvium (QTc) (where present). Ammonia Tanks Tuff (Tma) thicknesses include the bedded Ammonia Tanks Tuff (where present). "Pz" values indicate thickness of the Paleozoic rock section penetrated.</p>
CWL	Composite water level. Because drill holes typically are uncased, fluid loss to, or fluid gain from exposed formations in the hole is possible. The CWL value represents the stabilized water level that was measured in the drill hole:
WL Date	Date of water level measurement shown in the "CWL" field.
QA Cat	<p>Data quality category. A rough indicator of confidence, or quality of the geologic data presented:</p> <p>A Highest quality data. Accuracy of reported formations tops is better than ± 1 meter.</p> <p>B High quality data, interpretations, and documentation; data were collected under laboratory and/or industry level standard operating procedures. Accuracy of reported formation tops typically ± 1 meter.</p> <p>C Intermediate to high quality data and/or interpretations; however, standard operating procedures in effect at the time are not well documented. Formation tops generally within 3 meters of reported depth.</p> <p>D Poor data (samples and/or documentation). Confidence in formation tops is generally ± 5 to 10 meters; however, individual contacts may be questionable.</p> <p>E Very poor samples and/or records. Low confidence in formations tops and/or stratigraphic assignments.</p> <p>? Data quality undetermined at this time.</p>

Table 4. Symbols and footnotes used in this report

EXPLANATION OF SYMBOLS

nd	Geologic unit not defined in this drill hole because 1) it was not a recognized geologic unit at time of logging, and/or 2) its presence could not be confidently determined due to poor quality data.
np	Geologic unit not present.
–	Borehole not drilled deep enough to penetrate geologic unit or CWL.
nm	CWL not measured, or no reliable hydrologic data available.
?	Indicates uncertainty in thickness due to undefined upper or lower stratigraphic contact; indicates lack of data when used elsewhere.
TD	Indicates that borehole reached total depth (TD) within the formation (formation thickness is $\geq$ given value).
NA	Not available.

FOOTNOTES

- *66 Footnote; indicates that additional relevant information is provided in the footnote section (pages 15 through 17).

The standard suite of data presented for each drill hole includes the following:

1. Drill hole name
2. Stratigraphic data
 - a. Stratigraphic depth
 - b. Stratigraphic elevation, relative to mean sea level (MSL)
 - c. Stratigraphic thickness (includes Paleozoic section penetrated)
3. Total depth at drilling completion
4. Surface elevation above mean sea level (MSL) at the drill collar
5. Year drilling was completed
6. Hole location (Central Nevada State Plane coordinates)
7. Hole diameter (or shaft dimension in such cases)
8. Composite water level (measured depth below surface)
9. Water level measurement date
10. Top of alteration/pervasive zeolitization
11. Event name (as applicable)
12. Data quality category
13. Footnote (provides relevant information where available)

Data Sources

The geologic data presented in this report were generated by numerous individuals of various agencies and organizations at the NTS during the past 30 years. This diversity of data sources must be kept in mind (especially in dealing with very old data) when questions of confidence arise. Published references from which most of these data were derived are listed on pages 19 through 27 of this report. Additional drill hole information is contained in the NTS Drilling and Mining Summary (the "Redbook") compiled by the Reports & CEP group of the Raytheon Services Nevada (RSN) Technical Support & Programs.

Frenchman Flat Stratigraphic Data

Stratigraphic nomenclature used in this report is given in Table 5, and the general stratigraphy of Frenchman Flat is presented in Table 6. The latest stratigraphic nomenclature for the NTS and Southwestern Nevada Volcanic Field (SWNVF) has been applied to this database (Ferguson and others, 1994). Older stratigraphic nomenclature symbols used in previous work also are listed (in parentheses) for correlation convenience (see Table 5). The framework for recent stratigraphic nomenclature usage is presented by Ferguson and others (1994), Sawyer and others, (1994), and Warren and others (1989). The geology and hydrogeology of Frenchman Flat are summarized in Drellack (1995) and Drellack and Prothro (1997). Sources of additional hydrogeologic information for Frenchman Flat are listed in the reference section of this report.

Update Summary

To facilitate database corrections and updating, Table 7 contains a list of changes to the first (August 1995) edition. Included are the hole name, data type affected, and remarks. Although in most cases the changes affect all six data sets, only formation tops in feet (Part A) are shown in the table. Table 7 is intended only to "flag" recent changes or corrections.

**Table 5. Stratigraphic nomenclature used in this report¹
(listed stratigraphically)**

Map Symbol	Unit Name
Qp	Playa
Tybf	Basalt of Frenchman Flat
QTa (Qal)	Alluvium, undivided
QTc	Colluvium/dense alluvium
Ttp	Pahute Mesa Tuff, undifferentiated
Tma	Ammonia Tanks Tuff
Tmab	Bedded Ammonia Tanks Tuff
Tmr	Rainier Mesa Tuff
ZEOL ²	Top of Pervasive Zeolitization
Tmrh/Ta	Pre-Rainier Mesa, post-Wahmonie bedded tuffs, undifferentiated
Tpc	Tiva Canyon Tuff
Tpt	Topopah Spring Tuff
Tac	Calico Hills Tuff
Tw	Wahmonie Formation. Includes upper, middle, and lower members, undifferentiated
Twlb (Tw)	Tuff of Wahmonie Flat
Twls (Tws)	Salzer Member of the Wahmonie Formation
Tc	Crater Flat Tuff, undifferentiated
Tn	Tunnel Formation. Includes 4 Member and 3 Member.
To	Older volcanics, undifferentiated
Tgp ³ (Tpa)	Rocks of Pavits Springs
Tgw ³ (Ths)	Rocks of Winapi Wash ⁴
TI	Paleocolluvium
Pz	Paleozoic rocks, undifferentiated

1 Stratigraphic nomenclature defined in Warren and others (1989), Ferguson and others (1994), and Sawyer and others (1994). Previous nomenclature in parentheses.

2 May occur in various stratigraphic horizons.

3 Proposed symbols: Tg after Wahl and others (1996).

4 Informal unit, after Yount (1996). Formerly the Horse Spring Formation.

Table 6. Generalized Quaternary and Tertiary Stratigraphy for the Frenchman Flat Area

Source: Modified from Drellack, 1997.

AGE	GROUP OR FORMATION	MEMBERS, UNITS, and SUBUNITS	SYMBOL ¹	HYDRO-GEOLOGIC UNIT ^{2,3}	LITHOLOGY ⁴
Quaternary ⁵ -----	Alluvium	Alluvium Playa deposit Eolian sand Basalt Colluvium/dense alluvium	QTa Qp QTe Tybf QTc	PCU AA LFA	
	Thirsty Canyon Group (Tt)	Pahute Mesa Tuff	Ttp		A
Tertiary	Timber Mountain Group (Tm)	Ammonia Tanks Tuff	Tma	WTA VTA	A
		Bedded Ammonia Tanks Tuff	Tmab		B
		Rainier Mesa Tuff	Tmr	WTA	A
		Pre-Rainier Mesa Bedded Tuff, undifferentiated	Tmrh/Tmw		B
	Paintbrush Group (Tp)	Paintbrush Tuff, undifferentiated	Tp	VTA	B
		Topopah Spring Tuff	Tpt	WTA	B, A
	Volcanics of Area 20 (Ta)	Calico Hills Tuff	Tac	VTA	B
	Wahmonie Formation (Tw)	Upper member Middle member Tuff of Wahmonie Flat	Twu Twm Twlb	LFA	A, B, L, BF
		Salzer member	Twls	VTA	A, B, L, BF
	Crater Flat Group (Tc)	Crater Flat Group, undifferentiated	Tc	TCU	B
	Tunnel Formation (Tn)	4 Member, undifferentiated	Tn4		B
		3 Member, undifferentiated	Tn3		B
	Volcanics of Oak Spring Butte (To)	Older volcanics, undifferentiated	To		B
	Sedimentary Rocks	Rocks of Pavits Spring	Tgp ⁶ [Tpa]	VCU	B, A, S
		Rocks of Winapi Wash ⁷	Tgw ⁶ [Ths]		B, S
	Paleocolluvium	Paleocolluvium, undifferentiated	TI		

1 Symbols by Ferguson, and others, 1994.

2 Laczniaik and others, 1996.

3 Key to symbols: PCU = Playa Confining Unit; AA = Valley-fill Aquifer; WTA = Welded-tuff Aquifer; VTA = Vitric-tuff Aquifer; LFA = Lava-flow Aquifer; VCU = Volcaniclastic Confining Unit

4 Key to symbols: A = ash-flow tuff, B = bedded tuff, L = lava flow, BF = breccia flow, S = sedimentary rocks.

5 Alluvium section includes a Tertiary-age basalt flow (Tybf) older alluvium

6 Proposed symbol: Tg after Wahl and others, 1996. Older NTS nomenclature in brackets.

7 After Yount, 1996. Formerly the Horse Spring Formation.

Table 7. Data changes to the August 1995 edition

DRILL HOLE	DATA TYPE ¹	NEW DATA ² (Field units)	OLD DATA	REMARKS
WW 1	all	—	—	Addition of older hole
WW5a	CWL Depth WL Date	712 06/28/93	709 01/16/80	Newer data
WW5b	QTC	np	nd	Pawloski, 1996
WW5c	QTc CWL Depth WL Date	np 719 08/31/93	nd 730 01/16/80	Pawloski, 1996 Newer data
UE-5c WW	QTc Tws	np —	nd 2300 ft	Pawloski, 1996 Borehole recently relogged
UE-5f	Qtc	np	nd	Pawloski, 1996
UE-5i	Tmab Tmr Tmrh/Ta Zeol Depth	1368 1398 2120 2040	nd 1560 — —	Borehole recently relogged
UE-5j	QTc	np	nd	Pawloski, 1996
UE-5k	QTc	1000	nd	Pawloski, 1996
UE-5m	QTc	np	nd	Pawloski, 1996
UE-5n	QTc WL Date	np 07/29/93	nd 01/10/84	Pawloski, 1996 Newer measurement date (no change in data)
RNM#2S	QTc CWL Depth WL Date	np 724 07/29/93	nd 725 06/13/80	Pawloski, 1996 Newer data
HTH#3	QTc Hole name Hole diam.	np HTH#3 7.5 in.	nd HTH5#3 9 in.	Pawloski, 1996 Conform to hole naming scheme Conform to NTS Redbook ³
RNM#1	QTc	np	nd	Pawloski, 1996
RNM#2	QTc	np	nd	Pawloski, 1996
TH5#4	QTc	np	nd	Pawloski, 1996
TH5#5	QTc	np	nd	Pawloski, 1996
UE-5PW-1	QTc CWL Depth Easting	np 771 709,832	nd 773 706,832	Pawloski, 1996 Conform to published data Typographical error
UE-5PW-2	QTc CWL Depth	np 840	nd 842	Pawloski, 1996 Conform to published data
UE-5PW-3	QTc CWL Depth	np 890	nd 892	Pawloski, 1996 Conform to published data
U-5a	Qp QTc	? np	np nd	Proximity to playa Pawloski, 1996

Table 7. Data changes to the August 1995 edition (continued)

DRILL HOLE	DATA TYPE ¹	NEW DATA ² (Field units)	OLD DATA	REMARKS
U-5b	Qp QTc	? np	np nd	Proximity to playa Pawloski, 1996
U-5c	QTc	np	nd	Pawloski, 1996
U-5d	QTc	np	nd	Pawloski, 1996
U-5e	QTc	np	nd	Pawloski, 1996
U-5i	QTc	np	nd	Pawloski, 1996
U-5k	QTc	--	nd	Pawloski, 1996
U-5LS	QTc	np	nd	Pawloski, 1996
VW6-4A	CWL Depth WL Date	842 2/27/96	835 6/19/95	Newer data
UE-11a	QTc CWL Depth WL Date	np 1131 07/29/93	nd 1147 09/04/82	Pawloski, 1996 Newer data
UE-11b	QTc Tmrh/Ta Tp Tw Twlb Zeol Depth	np 630 978 -- -- 1290	nd 635 nd 1290 1290 1240	Pawloski, 1996 Borehole recently relogged
U-11b	QTc Tmr Tmrh/Ta Tp	np 190 630 978	nd - - -	Pawloski, 1996 Contacts inferred from nearby exploratory hole UE-11b
U-11c	QTc	650	nd	Pawloski, 1996
U-11e	QTc	np	nd	Pawloski, 1996
U-11f	QTc Tma	np --	nd 1600	Pawloski, 1996 Correction
U-11g	QTc CWL	570 -	nd 990	Pawloski, 1996 Predicted level was reported.
U-11g #1	QTc	610	615	Pawloski, 1996
U-11g Ex 1	QTc	617	600	Pawloski, 1996
TWF	all	--	--	Addition of older hole
--	Strat Unit	Tybf	QTb	Conform to Ferguson et al., 1994.

1 See Tables 2, 3, 4, and 5 for explanation of symbols and nomenclature.

2 Data presented in field units (feet). Although only formation-top depths are listed here, changes in these values are reflected in all sections of the report.

3 Nevada Test Site Drilling and Mining Summary (RSN, 1990).

LIST OF FOOTNOTES

1	U-5a	WISHBONE emplacement hole (Emrick, 1965a).
2	WW5A	Water Well 5A.
3	U-5b	DILUTED WATERS emplacement hole (Prather, 1965a).
4	WW5B	Water Well 5B.
5	U-5c	Water Well/Exploratory Hole.
6	WW5C	Water Well 5C.
7	UE-5c	Water Well.
8	U-5d	Unused emplacement hole.
9	U-5e	CAMBRIC emplacement hole (Emrick, 1965b,c).
10	UE-5f	Two cores, poor recovery (Prather, 1965b).
11	U-5g	Planned emplacement hole, work suspended 7/65.
12	U-5i	DERRINGER emplacement hole; mined shaft (Healy, 1968).
13	UE-5i	Basalt flows at 268.2 to 289.6 m (880 to 950 ft) age date approximately 8.6 Ma (USGS, 1994); possible Pahute Mesa Tuff of the Thirsty Canyon Group at 324.6 to 332.2 m (1065 to 1090 ft) (Warren, 1996); colluvium at 332.2 to 335.3 m (1090-1100 ft) overlying the Tma (Dixon and others, 1967).
14	U-5i #1	Cable Hole.
15	U-5i#2	Cable Hole.
16	UE-5j	Left Bottom Hole Assembly (BHA) in hole; top of fish at 177.7 m (583 ft); no logs (Fernald and Carr, 1966; Skrove, 1966).
17	U-5k	MILKSHAKE emplacement hole.
18	UE-5k	Two cores available (Byers and Miller, 1966). Basalt flow at 289.6 - 304.8 m (950 -1000 ft) age date approximately 8.4 Ma (USGS, 1994).
19	U-5L	Planned emplacement hole, work suspended 6/66.
20	U-5LS	Unused emplacement hole.
21	UE-5m	Intermittant core; perched water encountered at 157.9 (518 ft) depth (Healey and others, 1967).
22	UE-5n	Intermittent core available (Ramspott and McArthur, 1977).
23	RNM#1	Radionuclide Migration Study Hole #1. Drilled through CAMBRIC cavity.
24	RNM#2	Abandoned due to excessive caving. Intended as CAMBRIC pumping well.
25	RNM#2S	Drilled using the ODEX system with air; soil samples available. CAMBRIC related.
26	RNM#3	Drilled using the ODEX system with air; soil samples available. CAMBRIC related.
27	U-5 RNM#4	Drilled using the ODEX system with air; soil samples available. CAMBRIC related.

FOOTNOTES (Continued)

28	U-5 RNM#5	Drilled using the ODEX system with air; soil samples available.
29	U-5 R#C1	Radioactive Waste Management Site Hole Control #1 (RWMS#C1).
30	U-5 R#4c	Radioactive Waste Management Site Hole (U-5 RWMS#4c).
31	U-5 R#5	Radioactive Waste Management Site Hole (U-5 RWMS#5).
32	U-5 R#5u	Radioactive Waste Management Site Hole (U-5 RWMS#5u).
33	U-5 R#6u	Radioactive Waste Management Site Hole (U-5 RWMS#6u).
34	U-5 R#7c	Radioactive Waste Management Site Hole (U-5 RWMS#7c).
35	U-5 R#8c	Radioactive Waste Management Site Hole (U-5 RWMS#8c).
36	U-5 R#9u	Radioactive Waste Management Site Hole (U-5 RWMS#9u).
37	U-5 R#10u	Radioactive Waste Management Site Hole (U-5 RWMS#10u).
38	U-5 R#11u	Radioactive Waste Management Site Hole (U-5 RWMS#11u).
39	U-5 R#12u	Radioactive Waste Management Site Hole (U-5 RWMS#12u).
40	RCRA#1	Drilled using the ODEX system with air; drive samples available.
41	WW1	Water Well 1. Located off-site, just east of the NTS boundary.
42	TH5#4	Test hole #4.
43	TH5#5	Test Hole #5.
44	U-5 GCDF#1	Greater Confinement Disposal Facility; cluster of 14 holes less than 36.9 m (121 ft) deep.
45	TH5#1	Test Hole #1.
46	TH5#1A	Test Hole #1A.
47	TH5#2	Test Hole #2.
48	UE-5 PW-1	Radioactive Waste Management Site (RWMS) hole, Pilot Well #1 (REECo, 1994).
49	UE-5 PW-2	Radioactive Waste Management Site (RWMS) hole, Pilot Well #2 (REECo, 1994).
50	UE-5 PW-3	Radioactive Waste Management Site (RWMS) hole, Pilot Well #3 (REECo, 1994).
51	SB5 AP1	Science Borehole (RWMS Area 5) Air Permeability borehole #1 (Blout and others, 1994).

FOOTNOTES (Continued)

52	SB5 AP2	Science Borehole (RWMS Area 5) Air Permeability borehole #2 (Blout and others, 1994).
53	SB5 RP1	Science Borehole (RWMS Area 5) Radon Pumping borehole #1 (Blout and others, 1994).
54	SB5 RP2	Science Borehole (RWMS Area 5) Radon Pumping borehole #2 (Blout and others, 1994).
55	SB5 NN1	Science Borehole (RWMS Area 5) Neutron-access, north side borehole #1 (Blout and others, 1994).
56	SB5 NE1	Science Borehole (RWMS Area 5) Neutron-access, east side borehole #1 (Blout and others, 1994).
57	SB5 NW1	Science Borehole (RWMS Area 5) Neutron-access, west side borehole #1 (Blout and others, 1994).
58	SB5 NS1	Science Borehole (RWMS Area 5) Neutron-access, south side borehole #1 (Blout and others, 1994).
59	ER-5-1	Proposed groundwater monitoring well.
60	ER-5-2	Proposed groundwater monitoring well.
61	WW6-4	Water Well 4 in Area 6 (Well located in eastern CP Basin.) (Drellack and Davies, 1981).
62	WW6-4A	Water Well 4A in Area 6 (Well located in eastern CP Basin.) (Thompson, 1990).
63	UE-11a	Six cores taken (Fernald and others, 1965).
64	U-11b	PIN STRIPE emplacement shaft, 2.1 x 4.0 m (7 x 13 ft) mined shaft.
65	UE-11b	Eight cores available (Dixon and others, 1965); top of pervasive zeolitization located at 378.0 m (1240 ft) below the Tpt ash-flow tuff.
66	U-11c	NEW POINT emplacement hole; bottom hole core taken (Miller and others, 1967).
67	U-11c#1	Formerly UE-11c; four cores taken (Miller and others, 1967).
68	U-11d	Unused emplacement hole.
69	U-11e	DIANA MOON emplacement hole.
70	U-11f	MINUTE STEAK emplacement hole.
71	U-11g	DIAGONAL LINE emplacement hole.
72	U-11g#1	Bottom hole core available (Jones, 1982).
73	U-11gEx1	Core available; water first noticed while drilling at 313.3 to 315.8 m (1028 to 1036 ft) depth, est. production at 6 gpm.
74	TWF	Test Well F located in Area 27. Perched water likely at around 161.8 m (531 ft) depth. The well was cored to 518.2 m (1700 ft) depth (West and Garber, 1961; Carroll, 1963).
75	HTH#3	USGS hydrologic Test Well 3, located offsite east of Frenchman Flat. Intermittent core available (Meyer and Young, 1962).

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Part A. Depth to formation tops in feet (field units).

Strat Unit	U 5a	WW5A	U 5b	WW5B	U 5c	WW5c	UE5cWW	U 5d	U 5e	UE5f
Op	?	np	?	np	np	np	np	np	np	np
Qta	0	0	0	0	0	0	0	0	0	0
Qtc	np	585	np	np	np	np	np	np	np	np
Tybf							np			
Tma							np			
Tmab							np			
Tmr							np			
Tmrh/Ta							np			
Tp							np			
Tpc							np			
Tpt							np			
Tac							np			
Tw							1350			
Twlb							nd			
Tws										
Tc										
Tn										
To										
Tgp										
Tgw										
Tlt										
Pz										
Hole Name	U 5a	WW5A	U 5b	WW5B	U 5c	WW5c	UE5cWW	U 5d	U 5e	UE5f
TD	628	910	675	900	675	1200	2682	685	1000	1100
Surf Elev	3086	3093	3095	3092	3100	3081	3216	3120	3137	3301
Yr Drilled	64	51	64	51	64	54	64	65	65	65
Northing	753500	738361	753500	747359	754800	742860	760133	756600	755419	772499
Easting	710000	707514	707999	704263	709000	705888	700997	707901	704831	710901
Hole Diam	64 in	7 in	64 in	?	64 in	?	9.875 in	86 in	64 in	9.875 in
CWL Depth	712		687			719	807			890
WL Date		6/28/93		1/16/80		8/31/93	1/18/73			6/15/65
Zeol Depth							?			
Event Name	WISHBON		DIL WATE						CAMBRIC	
QA Cat	C	?	C	E	?	?	?	?	C	D
Footnote										

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part A. Depth to formation tops in feet (field units).

02/27/97

Strat Unit	U 5g	U 5i	UE5i	U 5i#1	UE5j	U 5k	UE5k	U 5L	U 5LS	UE5m
Qp	np	np	np	np	np	np	np	np	np	np
QTa	0	0	0	0	0	0	0	0	0	0
QTc		np	550	nd	np		1000		np	np
Tybf			880	np	np	np	950		np	np
Tma			1100		1090		1660			np
Tmab			1368		nd					np
Tmr			1398		1235					np
Tmrh/Ta			2120							np
Tp										np
Tpc										np
Tpt										np
Tac										np
Tw										165
Twlb										nd
Tws										430
Tc										1100
Tn										nd
To										nd
Tgp										1280
Tgw										
Tlt										
Pz										
Hole Name	U 5g	U 5i	UE5i	U 5i#1	UE5j	U 5k	UE5k	U 5L	U 5LS	UE5m
TD	90	820	2124	835	1242	905	1728	120	835	1504
Surf Elev	NA	3395	3427	3404	3578	3349	3349	NA	3324	3500
Yr Drilled	65	66	66	66	66	66	66	66	66	66
Northing	752542	774568	775216	774755	775001	773094	773094	773094	772700	732500
Easting	709097	709412	709282	709458	684500	715146	715247	713147	713499	682000
Hole Diam	48 in	7x13 ft	9.875 in	26 in	9.875 in	64 in	9.875 in	48 in	86 in	8.125 in
CWL Depth			1100		796		939			518
WL Date			7/7/67		3/29/66		5/25/66			4/26/66
Zeol Depth			2040							?
Event Name		DERRINGE				MILK SHK				
QA Cat	?	C	D	?	?	C	D	?	?	?
Footnote	11	12	13	14	16	17	18	19	20	21

Part A. Depth to formation tops in feet (field units).

02/27/97

<i>Strat Unit</i>	<i>UE5n</i>	<i>RNM#1</i>	<i>RNM#2</i>	<i>RNM#2S</i>	<i>RNM#3</i>	<i>U 5RNM4</i>	<i>U 5RNM5</i>	<i>U 5R c1</i>	<i>U 5R 4c</i>	<i>U 5R 5</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	0	0	0	0	0	0	0	0	0	0
<i>QTc</i>	np	np	np	np						
<i>Tybf</i>	np									
<i>Tma</i>										
<i>Tmab</i>										
<i>Tmr</i>										
<i>Tmrh/Ta</i>										
<i>Tp</i>										
<i>Tpc</i>										
<i>Tpt</i>										
<i>Tac</i>										
<i>Tw</i>										
<i>Twlb</i>										
<i>Tws</i>										
<i>Tc</i>										
<i>Tn</i>										
<i>To</i>										
<i>Tgp</i>										
<i>Tgw</i>										
<i>Tlt</i>										
<i>Pz</i>										
<i>Hole Name</i>	<i>UE5n</i>	<i>RNM#1</i>	<i>RNM#2</i>	<i>RNM#2S</i>	<i>RNM#3</i>	<i>U 5RNM4</i>	<i>U 5RNM5</i>	<i>U 5R c1</i>	<i>U 5R 4c</i>	<i>U 5R 5</i>
<i>TD</i>	1687	1302	935	1156	100	72	150	46	118	55
<i>Surf Elev</i>	3112	3136	3132	3133	NA	NA	3111	NA	NA	NA
<i>Yr Drilled</i>	76	74	74	74	85	85	87	88	85	85
<i>Northing</i>	754460	755823	755264	755200	NA	NA	754015	NA	NA	NA
<i>Easting</i>	706415	704831	705088	704809	NA	NA	706383	NA	NA	NA
<i>Hole Diam</i>	15 in	4.75 in	17.5 in	17.5	6 in	6 in	6 in	6 in	104 in	104 in
<i>CWL Depth</i>	705	789	728	724						
<i>WL Date</i>	7/29/93	7/8/77	3/19/85	7/29/93						
<i>Zeol Depth</i>										
<i>Event Name</i>										
<i>QA Cat</i>	?	?	?	?	?	?	?	?	?	?
<i>Footnote</i>	22	23	24	25	26	27	28	29	30	31

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part A. Depth to formation tops in feet (field units).

Strat Unit	Op	Qta	Qtc	Tybt	Tma	Tmab	Tmr	Tmrh/Ta	Tp	Tpc	Tpt	Tac	Tw	Twlb	Tws	Tc	Tn	To	Tgp	Tgw	Tlt	Pz	Hole Name	TD	Surf Elev	Yr Drilled	Northing	Easting	Hole Diam	CWL Depth	WL Date	Zeol Depth	Event Name	QA Cat	Footnote
U 5R 5u	np	0																					U 5R 5u	118	NA	85	NA	NA	104 in					?	32
U 5R 6u	np	0																					U 5R 6u	117	NA	85	NA	NA	104 in					?	33
U 5R 7c	np	0																					U 5R 7c	120	NA	86	767625	708217	104 in					?	34
U 5R 8c	np	0																					U 5R 8c	120	NA	87	767601	708208	104 in					?	35
U 5R 9u	np	0																					U 5R 9u	120	NA	86	767407	708087	120 in					?	36
U 5R 10u	np	0																					U 5R 10u	117	NA	86	767427	708103	120 in					?	37
U 5R 11u	np	0																					U 5R 11u	119	NA	88	NA	NA	120 in					?	38
U 5R 12u	np	0																					U 5R 12u	119	NA	88	NA	NA	120 in					?	39
RCRA#1	np	0																					RCRA#1	120	NA	86	NA	NA	4 in					?	40
THS#4	np	0																					THS#4	172	3405	50	763910	689551	?					E	42

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part A. Depth to formation tops in feet (field units).

02/27/97

Strat Unit	TH5#5	U 5GCDT1	TH5#1	TH5#1A	TH5#2	UE5PW-1	UE5PW-2	UE5PW-3	SB5 AP1	SB5 AP2
Qp	np	np	np	np	np	np	np	np	np	np
QTa	0	0	0	0	0	0	0	0	0	0
QTc	np					np	np	np		
Tybf	np					np	np	np		
Tma	np							617		
Tmab	np							917		
Tmr	np							955		
Tmrh/Ta	np									
Tp	np									
Tpc	np									
Tpt	np									
Tac	np									
Tw	134									
Twlb										
Tws										
Tc										
Tn										
To										
Tgp										
Tgw										
Tlt										
Pz										
Hole Name	TH5#5	U 5GCDT1	TH5#1	TH5#1A	TH5#2	UE5PW-1	UE5PW-2	UE5PW-3	SB5 AP1	SB5 AP2
TD	461	119	60	120	86	839	919.5	955	275	275
Surf Elev	3233	3242	NA	NA	NA	3180	3248	3298	3199.5	3199.3
Yr Drilled	50	81	81	81	81	92	92	92	93	93
Northing	734799	770001	766241	NA	766771	765702	770396	771291	767416	767401
Easting	690124	710000	709337	NA	709435	709832	709894	703460	709462	709462
Hole Diam	12 in	26 in	8.75 in	8.75 in	36 in	9.75 in	9.75 in	9.75 in	7.375 IN	7.375 IN
CWL Depth						771	840	890		
WL Date						4/6/93	4/6/93	4/6/93		
Zeol Depth										
Event Name										
QA Cat	E	?	?	?	?	B	B	B	B	B
Footnote	43	44	45	46	47	48	49	50	51	52

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

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Part A. Depth to formation tops in feet (field units).

02/27/97

<i>Strat Unit</i>	<i>SB5 RP1</i>	<i>SB5 RP2</i>	<i>SB5 NN1</i>	<i>SB5 NE1</i>	<i>SB5 NW1</i>	<i>SB5 NS1</i>		<i>WW6-4</i>	<i>WW6-4A</i>	
<i>Op</i>	np	np	np	np	np	np		np	np	
<i>QTa</i>	0	0	0	0	0	0		0	0	
<i>QTc</i>								nd	nd	
<i>Tybf</i>								np	np	
<i>Tma</i>								520	765	
<i>Tmab</i>								nd	970	
<i>Tmr</i>								740	980	
<i>Tmrh/Ta</i>								1210	1305	
<i>Tp</i>								nd	nd	
<i>Tpc</i>								nd	nd	
<i>Tpt</i>								1250	1325	
<i>Tac</i>								1340	1450	
<i>Tw</i>										
<i>Twlb</i>										
<i>Tws</i>										
<i>Tc</i>										
<i>Tn</i>										
<i>To</i>										
<i>Tgp</i>										
<i>Tgw</i>										
<i>Tlt</i>										
<i>Pz</i>										
<i>Hole Name</i>	<i>SB5 RP1</i>	<i>SB5 RP2</i>	<i>SB5 NN1</i>	<i>SB5 NE1</i>	<i>SB5 NW1</i>	<i>SB5 NS1</i>		<i>WW6-4</i>	<i>WW6-4A</i>	
<i>TD</i>	150	150	200	200	200	200		1479	1516	
<i>Surf Elev</i>	3169.3	3169.1	3204.9	3196.6	3177.7	3171.2		3602	3606	
<i>Yr Drilled</i>	93	93	93	93	93	93		81	90	
<i>Northing</i>	765840	765840	768275	767229	766696	765790		785000	784350	
<i>Easting</i>	708222	707094	708467	709430	706971	708094		687900	686900	
<i>Hole Diam</i>	7.375 IN	7.375 IN	7.375 IN	7.375 IN	7.375 IN	7.375 IN		20 in	20.5 in	
<i>CWL Depth</i>								835	842	
<i>WL Date</i>								6/19/95	2/27/96	
<i>Zeol Depth</i>									1450	
<i>Event Name</i>										
<i>QA Cat</i>	B	B	B	B	B	B		B	B	
<i>Footnote</i>	53	54	55	56	57	58		61	62	

Part A. Depth to formation tops in feet (field units)✓

02/27/97

Strat Unit	UE11a	U 11b	UE11b	U 11c	U 11c#1	U 11d	U 11e	U 11f	U 11g	U 11g#1
Qp	np	np	np	np	np	np	np	np	np	np
QTa	0	0	0	0	0	0	0	0	0	0
QTc	np	np	np	650	680		np	np	570	610
Tybf	np	np	np	np	np			np	np	np
Tma	550	np	np	1590	1590					
Tmab	nd	np	np							
Tmr	900	190	190							
Tmrh/Ta		630	630							
Tp		978	978							
Tpc			nd							
Tpt			1020							
Tac			1240							
Tw										
Twlb										
Tws										
Tc										
Tn										
To										
Tgp										
Tgw										
Tlt										
Pz										
Hole Name	UE11a	U 11b	UE11b	U 11c <i>10/97/K.P.</i>	U 11c#1	U 11d	U 11e	U 11f	U 11g	U 11g#1
TD	1400	980	1303	1835	1860	40	835	910	910	860
Surf Elev	3547	3586	3586	3381	3380	NA	3385	3393	3405	3405
Yr Drilled	65	66	65	66	66	66	66	68	68	70
Northing	777130	778800	778800	775094	775094	775094	775094	775100	775819	775817
Easting	708280	712275	712300	713147	713247	711147	715147	715900	714079	714061
Hole Diam	9.875 in	7x13 ft	8.75 in	86 in	9.875 in	104 in	86 in	86 in	86 in	12.25 in
CWL Depth	1131		1146							
WL Date	7/29/93		12/6/85							
Zeol Depth			1290							
Event Name		PIN STRIP		NEW PT			DIANA MO	MIN STK	DIAG LINE	
QA Cat	C	C	C	C	C	?	C	C	C	C
Footnote	63	64	65	66	67	68	69	70	71	72

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

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Part A. Depth to formation tops in feet (field units).

02/27/97

<i>Strat Unit</i>	<i>U 11gEx1</i>		<i>TW F</i>		<i>WW 1</i>	<i>HTH#3</i>	
<i>Qp</i>	np		np		np	np	
<i>QTa</i>	0		np		0	0	
<i>QTc</i>	600		np		np	np	
<i>Tybf</i>	np		np			np	
<i>Tma</i>	np		np			np	
<i>Tmab</i>	np		np			np	
<i>Tmr</i>	1120		np			np	
<i>Tmrh/Ta</i>			np			np	
<i>Tp</i>			np			np	
<i>Tpc</i>			np			np	
<i>Tpt</i>			np			np	
<i>Tac</i>			np			np	
<i>Tw</i>			0			np	
<i>Twlb</i>			nd			np	
<i>Tws</i>			1110			np	
<i>Tc</i>			1482			np	
<i>Tn</i>			nd			np	
<i>To</i>			nd			np	
<i>Tgp</i>			1708			np	
<i>Tgw</i>			nd			np	
<i>Tlt</i>			nd			np	
<i>Pz</i>			3137			157	
<i>Hole Name</i>	<i>U 11gEx1</i>		<i>TW F</i>		<i>WW 1</i>	<i>HTH#3</i>	
<i>TD</i>	1155		3400		870	1860	
<i>Surf Elev</i>	3405		4143		3100	3477	
<i>Yr Drilled</i>	71		62		50	62	
<i>Northing</i>	775759		731853		751509	750189	
<i>Easting</i>	714050		661153		723349	736937	
<i>Hole Diam</i>	9.875 in		7.5 in		?	7.5 in	
<i>CWL Depth</i>	988		1737		714	1105	
<i>WL Date</i>	?		6/29/95		12/17/50	6/1/90	
<i>Zeol Depth</i>			0				
<i>Event Name</i>							
<i>QA Cat</i>	C		C		D	C	
<i>Footnote</i>	73		74		41	75	

Part B. Depth to formation tops in meters.

02/27/97

<i>Strat Unit</i>	<i>U 5a</i>	<i>WW5A</i>	<i>U 5b</i>	<i>WW5B</i>	<i>U 5c</i>	<i>WW5c</i>	<i>UE5cWW</i>	<i>U 5d</i>	<i>U 5e</i>	<i>UE5f</i>	<i>U 5g</i>
<i>Qp</i>	?	np	?	np	np	np	np	np	np	np	np
<i>QTa</i>	0	0	0	0	0	0	0	0	0	0	0
<i>QTc</i>	np	178.3	np	np	np	np	np	np	np	np	
<i>Tybf</i>							np				
<i>Tma</i>							np				
<i>Tmab</i>							np				
<i>Tmr</i>							np				
<i>Tmrh/Ta</i>							np				
<i>Tp</i>							np				
<i>Tpc</i>							np				
<i>Tpt</i>							np				
<i>Tac</i>							np				
<i>Tw</i>							411.5				
<i>Twlb</i>							nd				
<i>Tws</i>											
<i>Tc</i>											
<i>Tn</i>											
<i>To</i>											
<i>Tgp</i>											
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole Name</i>	<i>U 5a</i>	<i>WW5A</i>	<i>U 5b</i>	<i>WW5B</i>	<i>U 5c</i>	<i>WW5c</i>	<i>UE5cWW</i>	<i>U 5d</i>	<i>U 5e</i>	<i>UE5f</i>	<i>U 5g</i>
<i>TD</i>	191.4	277.4	205.7	274.3	205.7	365.8	817.5	208.8	304.8	335.3	27.4
<i>Surf Elev</i>	940.6	942.7	943.4	942.4	944.9	939.1	980.2	951.0	956.2	1006.1	NA
<i>Yr Drilled</i>	64	51	64	51	64	54	64	65	65	65	65
<i>Northing</i>	229667.3	225052.9	229667.3	227795.5	230063.5	226424.2	231689.0	230612.1	230252.2	235458.2	229375.3
<i>Easting</i>	216408.4	215650.7	215798.5	214659.8	216103.6	215155.1	213664.3	215768.6	214832.9	216683.1	216133.2
<i>Hole Diam</i>	1.6 m	17.8 cm	1.6 m	?	1.6 m	?	25.1 cm	2.18 m	1.6 m	25.1 cm	1.22 m
<i>CWL Depth</i>		217.0		209.4		219.2	246.0			271.3	
<i>WL Date</i>		6/28/93		1/16/80		8/31/93	1/18/73			6/15/65	
<i>Zeol Depth</i>							?				
<i>Event Name</i>	WISHBON		DIL WATE						CAMBRIC		
<i>QA Cat</i>	C	?	C	E	?	?	?	?	C	D	?
<i>Footnote</i>	1	2	3	4	5	6	7	8	9	10	11

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part B. Depth to formation tops in meters.

02/27/97

Stat Unit	U SI	UESI	U SI#1	UESJ	U SK	UESK	U SL	U SLS	UESM	UESN	RNM#1
Op	np	np	np	np	np	np	np	np	np	np	np
Qta	0	0	0	0	0	0	0	0	0	0	0
Qtc	np	167.6	nd	np	np	304.8	np	np	np	np	np
Tybf		268.2	np	np	np	289.6	np	np	np	np	np
Tma		335.3		332.2		506			np		
Tmab		417.0		nd					np		
Tmr		426.1		376.4					np		
Tmrh/Ta		646.2							np		
Tip									np		
Tpc									np		
Tpt									np		
Tac									np		
Tw									np		
Twlb									50.3		
Twls									nd		
Tc									335.3		
Tn									nd		
To									nd		
Tgp									390.1		
Tgw											
Tlt											
Pz											
Hole Name	U SI	UESI	U SI#1	UESJ	U SK	UESK	U SL	U SLS	UESM	UESN	RNM#1
TD	249.9	647.4	254.5	378.6	275.8	526.7	36.6	254.5	458.4	514.2	396.9
Surf Elev	1034.8	1044.6	1037.5	1090.6	1020.8	1020.8	NA	1013.2	1066.8	948.5	955.9
Yr Drilled	66	66	66	66	66	66	66	66	66	76	74
Northing	236088.8	236286.3	236145.8	236220.8	235639.5	235639.5	235639.5	235519.4	223266.4	229959.9	230375.3
Easting	216229.2	216189.6	216243.2	208636.0	217976.9	218007.7	217367.6	217474.9	207874.0	215315.7	214832.9
Hole Diam	2.1x4.0 m	25.1 cm	66.0 cm	25.1 cm	1.6 m	25.1 cm	1.22 m	2.18 m	20.6 cm	38.1 cm	12.1 cm
CWL Depth		335.3		242.6		286.2			157.9	214.9	240.5
WL Date		7/7/67		3/29/66		5/25/66			4/26/66	7/29/93	7/8/77
Zeol Depth		621.8							?		
Event Name	DERRINGE				MILK SHK						
QA Cat	C	D	D	C	C	D	?	?	C	?	?
Footnote											

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part B. Depth to formation tops in meters.

02/27/97

<i>Strat Unit</i>	<i>RNM#2</i>	<i>RNM#2S</i>	<i>RNM#3</i>	<i>U 5RNM4</i>	<i>U 5RNM5</i>	<i>U 5R c1</i>	<i>U 5R 4c</i>	<i>U 5R 5</i>	<i>U 5R 5u</i>	<i>U 5R 6u</i>	<i>U 5R 7c</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	0	0	0	0	0	0	0	0	0	0	0
<i>QTc</i>	np	np									
<i>Tybf</i>											
<i>Tma</i>											
<i>Tmab</i>											
<i>Tmr</i>											
<i>Tmrh/Ta</i>											
<i>Tp</i>											
<i>Tpc</i>											
<i>Tpt</i>											
<i>Tac</i>											
<i>Tw</i>											
<i>Twlb</i>											
<i>Tws</i>											
<i>Tc</i>											
<i>Tn</i>											
<i>To</i>											
<i>Tgp</i>											
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole Name</i>	<i>RNM#2</i>	<i>RNM#2S</i>	<i>RNM#3</i>	<i>U 5RNM4</i>	<i>U 5RNM5</i>	<i>U 5R c1</i>	<i>U 5R 4c</i>	<i>U 5R 5</i>	<i>U 5R 5u</i>	<i>U 5R 6u</i>	<i>U 5R 7c</i>
<i>TD</i>	285.0	352.3	30.5	21.9	45.7	14.0	36.0	16.8	36.0	35.7	36.6
<i>Surf Elev</i>	954.6	954.9	NA	NA	948.2	NA	NA	NA	NA	NA	NA
<i>Yr Drilled</i>	74	74	85	85	87	88	85	85	85	85	86
<i>Northing</i>	230204.9	230185.4	NA	NA	229824.2	NA	NA	NA	NA	NA	233972.6
<i>Easting</i>	214911.2	214826.2	NA	NA	215306.0	NA	NA	NA	NA	NA	215865.0
<i>Hole Diam</i>	44.5 cm	44.5 cm	15.2	15.2 cm	15.2 cm	15.2 cm	2.64 m	2.64 m	2.64 m	2.64 m	2.64 m
<i>CWL Depth</i>	221.9	220.7									
<i>WL Date</i>	3/19/85	7/29/93									
<i>Zeol Depth</i>											
<i>Event Name</i>											
<i>QA Cat</i>	?	?	?	?	?	?	?	?	?	?	?
<i>Footnote</i>	24	25	26	27	28	29	30	31	32	33	34

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part B. Depth to formation tops in meters.

02/27/97

<i>Strat Unit</i>	<i>U 5R 8c</i>	<i>U 5R 9u</i>	<i>U 5R 10u</i>	<i>U 5R 11u</i>	<i>U 5R 12u</i>	<i>RCRA#1</i>	<i>TH5#4</i>	<i>TH5#5</i>	<i>U 5GCDT#</i>	<i>TH5#1</i>	<i>TH5#1A</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	0	0	0	0	0	0	0	0	0	0	0
<i>QTc</i>							np	np			
<i>Tybf</i>							np	np			
<i>Tma</i>							np	np			
<i>Tmab</i>							np	np			
<i>Tmr</i>							np	np			
<i>Tmrh/Ta</i>							np	np			
<i>Tp</i>							np	np			
<i>Tpc</i>							np	np			
<i>Tpt</i>							np	np			
<i>Tac</i>							np	np			
<i>Tw</i>							39.3	40.8			
<i>Twlb</i>											
<i>Tws</i>											
<i>Tc</i>											
<i>Tn</i>											
<i>To</i>											
<i>Tgp</i>											
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole Name</i>	<i>U 5R 8c</i>	<i>U 5R 9u</i>	<i>U 5R 10u</i>	<i>U 5R 11u</i>	<i>U 5R 12u</i>	<i>RCRA#1</i>	<i>TH5#4</i>	<i>TH5#5</i>	<i>5GCDT#</i>	<i>TH5#1</i>	<i>TH5#1A</i>
<i>TD</i>	36.6	36.6	35.7	36.3	36.3	36.6	52.4	140.5	36.3	18.3	36.6
<i>Surf Elev</i>	NA	NA	NA	NA	NA	NA	1037.8	985.4	988.2	NA	NA
<i>Yr Drilled</i>	87	86	86	88	88	86	50	50	81	81	81
<i>Northing</i>	233965.2	233906.1	233912.2	NA	NA	NA	232840.2	223967.2	234696.8	233550.7	NA
<i>Easting</i>	215862.2	215825.3	215830.2	NA	NA	NA	210175.6	210350.2	216408.4	216206.3	NA
<i>Hole Diam</i>	2.64 m	3.0 m	3.0 m	3.0 m	3.0 m	10.2 cm	?	30.5	66.0 cm	22.2 cm	22.2 cm
<i>CWL Depth</i>											
<i>WL Date</i>											
<i>Zeol Depth</i>											
<i>Event Name</i>											
<i>QA Cat</i>	?	?	?	?	?	?	E	E	?	?	?
<i>Footnote</i>	35	36	37	38	39	40	42	43	44	45	46

Part B. Depth to formation tops in meters.

02/27/97

<i>Strat Unit</i>	<i>TH5#2</i>	<i>UE5PW-1</i>	<i>UE5PW-2</i>	<i>UE5PW-3</i>	<i>SB5 AP1</i>	<i>SB5 AP2</i>	<i>SB5 RP1</i>	<i>SB5 RP2</i>	<i>SB5 NN1</i>	<i>SB5 NE1</i>	<i>SB5 NW1</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	0	0	0	0	0	0	0	0	0	0	0
<i>QTc</i>		np	np	np							
<i>Tybf</i>		np	np	np							
<i>Tma</i>				188.1							
<i>Tmab</i>				279.5							
<i>Tmr</i>				291.1							
<i>Tmrh/Ta</i>											
<i>Tp</i>											
<i>Tpc</i>											
<i>Tpt</i>											
<i>Tac</i>											
<i>Tw</i>											
<i>Twlb</i>											
<i>Tws</i>											
<i>Tc</i>											
<i>Tn</i>											
<i>To</i>											
<i>Tgp</i>											
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole Name</i>	<i>TH5#2</i>	<i>UE5PW-1</i>	<i>UE5PW-2</i>	<i>UE5PW-3</i>	<i>SB5 AP1</i>	<i>SB5 AP2</i>	<i>SB5 RP1</i>	<i>SB5 RP2</i>	<i>SB5 NN1</i>	<i>SB5 NE1</i>	<i>SB5 NW1</i>
<i>TD</i>	26.2	255.7	280.3	291.1	83.8	83.8	45.7	45.7	61.0	61.0	61.0
<i>Surf Elev</i>	NA	969.3	990.0	1005.2	975.2	975.1	966.6	965.9	976.9	974.3	968.6
<i>Yr Drilled</i>	81	92	92	92	93	93	93	93	93	93	93
<i>Northing</i>	233712.3	233386.4	234817.2	235090.0	233911.3	233906.7	233415.7	233430.7	234173.0	233854.3	233691.7
<i>Easting</i>	216236.2	216357.1	216376.1	214415.0	216246.5	216246.5	215829.7	215798.3	215943.4	216237.0	215487.4
<i>Hole Diam</i>	91.4 cm	24.8 cm	24.8 cm	24.8 cm	18.7 cm	18.7 cm	18.7 cm	18.7 cm	18.7 cm	18.7 cm	18.7 cm
<i>CWL Depth</i>		235.0	256.0	271.3							
<i>WL Date</i>		4/6/93	4/6/93	4/6/93							
<i>Zeol Depth</i>											
<i>Event Name</i>											
<i>QA Cat</i>	?	B	B	B	B	B	B	B	B	B	B
<i>Footnote</i>	47	48	49	50	51	52	53	54	55	56	57

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part B. Depth to formation tops in meters.

02/27/97

Strat Unit	SB5 NS1		WW6-4	WW6-4A		UE11a	U 11b	UE11b	U 11c	U 11c#1	U 11d
Qp	np		np	np		np	np	np	np	np	np
QTa	0		0	0		0	0	0	0	0	0
QTc			nd	nd		np	np	np	198.1	207.3	
Tybf			np	np		np	np	np	np	np	
Tma			158.5	233.2		167.6	np	np	484.6	484.6	
Tmab			nd	295.7		nd	np	np			
Tmr			225.5	298.7		274.3	57.9	57.9			
Tmrh/Ta			368.8	397.8			192.0	192.0			
Tp			nd	nd			298.1	298.1			
Tpc			nd	nd				nd			
Tpt			381	403.9				310.9			
Tac			408.4	442				378.0			
Tw											
Twlb											
Tws											
Tc											
Tn											
To											
Tgp											
Tgw											
Tlt											
Pz											
Hole Name	SB5 NS1		WW6-4	WW6-4A		UE11a	U 11b	UE11b	U 11c	U 11c#1	U 11d
TD	61.0		450.8	462.1		426.7	298.7	397.2	559.3	566.9	12.2
Surf Elev	966.6		1098.2	1099.1		1081.1	1093.0	1093.0	1030.5	1030.2	NA
Yr Drilled	93		81	90		65	66	65	66	66	66
Northing	233415.7		239268.5	239070.4		236869.7	237378.7	237378.7	236249.1	236249.1	236249.1
Easting	215829.7		209672.3	209367.5		215884.2	217101.8	217109.5	217367.6	217398.1	216758.0
Hole Diam	18.7 cm		50.8 cm	52.1 cm		25.1 cm	2.1x4.0 m	22.2 cm	2.18 m	25.1 cm	3.0 m
CWL Depth			254.5	256.6		344.7		349.3			
WL Date			6/19/95	2/27/96		7/29/93		12/6/85			
Zeol Depth				442				378.0			
Event Name							PIN STRIP		NEW PT		
QA Cat	B		B	B		C	C	C	C	C	?
Footnote	58		61	62		63	64	65	66	67	68

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

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Part B. Depth to formation tops in meters.

02/27/97

<i>Strat Unit</i>	<i>U 11e</i>	<i>U 11f</i>	<i>U 11g</i>	<i>U 11g#1</i>	<i>U 11gEx1</i>		<i>TW F</i>		<i>WW 1</i>	<i>HTH#3</i>
<i>Qp</i>	np	np	np	np	np		np		np	np
<i>QTa</i>	0	0	0	0	0		0		0	0
<i>QTc</i>	np	np	173.7	185.9	182.9		nd		np	np
<i>Tybf</i>		np	np	np	np		np			np
<i>Tma</i>			np		np		np			np
<i>Tmab</i>					np		np			np
<i>Tmr</i>					341.4		np			np
<i>Tmrh/Ta</i>							np			np
<i>Tp</i>							np			np
<i>Tpc</i>							np			np
<i>Tpt</i>							np			np
<i>Tac</i>							np			np
<i>Tw</i>							0			np
<i>Twlb</i>							nd			np
<i>Tws</i>							338.3			np
<i>Tc</i>							451.7			np
<i>Tn</i>							nd			np
<i>To</i>							nd			np
<i>Tgp</i>							520.6			np
<i>Tgw</i>							nd			np
<i>Tlt</i>							nd			np
<i>Pz</i>							956.2			47.9
<i>Hole Name</i>	<i>U 11e</i>	<i>U 11f</i>	<i>U 11g</i>	<i>U 11g#1</i>	<i>U 11gEx1</i>		<i>TW F</i>		<i>WW 1</i>	<i>HTH#3</i>
<i>TD</i>	254.5	277.4	(277.4)	262.1	352.0		1036.3		265.2	566.9
<i>Surf Elev</i>	1031.8	1034.2	1037.8	1037.8	1037.8		1262.8		944.9	1059.8
<i>Yr Drilled</i>	66	68	68	70	71		62		50	62
<i>Northing</i>	236249.1	236250.9	236470.1	236469.5	236451.8		223069.2		229060.4	228658.1
<i>Easting</i>	217977.2	218206.7	217651.7	217646.2	217642.9		201519.8		220477.2	224618.8
<i>Hole Diam</i>	2.18 m	2.18 m	2.18 m	31.1 cm	25.1 cm		19 cm		?	19 cm
<i>CWL Depth</i>					301.1		529.4		217.6	336.8
<i>WL Date</i>					?				12/17/50	6/?/90
<i>Zeol Depth</i>										
<i>Event Name</i>	DIANA MO	MIN STK	DIAG LINE							
<i>QA Cat</i>	C	C	C	C	C		D		D	D
<i>Footnote</i>	69	70	71	72	73		74		41	75

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

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Part C. Formation thicknesses in feet (field units).

02/27/97

<i>Strat Unit</i>	<i>U 5a</i>	<i>WW5A</i>	<i>U 5b</i>	<i>WW5B</i>	<i>U 5c</i>	<i>WW5c</i>	<i>UE5cWW</i>	<i>U 5d</i>	<i>U 5e</i>	<i>UE5f</i>
<i>Qp</i>	?	np	?	np	np	np	np	np	np	np
<i>QTa</i>	TD	TD	TD	TD	TD	TD	1350	TD	TD	TD
<i>QTc</i>	np	TD	np	np	np	np	np	np	np	np
<i>Tybf</i>							np			
<i>Tma</i>							np			
<i>Tmab</i>							np			
<i>Tmr</i>							np			
<i>Tmrh/Ta</i>							np			
<i>Tp</i>							np			
<i>Tpc</i>							np			
<i>Tpt</i>							np			
<i>Tac</i>							np			
<i>Tw</i>							TD			
<i>Twlb</i>							nd			
<i>Tws</i>										
<i>Tc</i>										
<i>Tn</i>										
<i>To</i>										
<i>Tgp</i>										
<i>Tgw</i>										
<i>Tlt</i>										
<i>Pz</i>										
<i>Hole Name</i>	<i>U 5a</i>	<i>WW5A</i>	<i>U 5b</i>	<i>WW5B</i>	<i>U 5c</i>	<i>WW5c</i>	<i>UE5cWW</i>	<i>U 5d</i>	<i>U 5e</i>	<i>UE5f</i>
<i>TD</i>	628	910	675	900	675	1200	2682	685	1000	1100
<i>Surf Elev</i>	3086	3093	3095	3092	3100	3081	3216	3120	3137	3301
<i>Yr Drilled</i>	64	51	64	51	64	54	64	65	65	65
<i>Northing</i>	753500	738361	753500	747359	754800	742860	760133	756600	755419	772499
<i>Easting</i>	710000	707514	707999	704263	709000	705888	700997	707901	704831	710901
<i>Hole Diam</i>	64 in	7 in	64 in	?	64 in	?	9.875 in	86 in	64 in	9.875 in
<i>CWL Depth</i>		712		687		719	807			890
<i>WL Date</i>		6/28/93		1/16/80		8/31/93	1/18/73			6/15/65
<i>Zeol Depth</i>							?			
<i>Event Name</i>	WISHBON		DIL WATE						CAMBRIC	
<i>QA Cat</i>	C	?	C	E	?	?	?	?	C	D
<i>Footnote</i>	1	2	3	4	5	6	7	8	9	10

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part C. Formation thicknesses in feet (field units).

02/27/97

<i>Strat Unit</i>	<i>U 5g</i>	<i>U 5i</i>	<i>UE5i</i>	<i>U 5i#1</i>	<i>UE5j</i>	<i>U 5k</i>	<i>UE5k</i>	<i>U 5L</i>	<i>U 5LS</i>	<i>UE5m</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	TD	TD	1100	TD	1090	TD	1660	TD	TD	165
<i>QTc</i>		np	550	np	np		660		np	np
<i>Tybf</i>			85	np	np	np	50		np	np
<i>Tma</i>			298		145		TD			np
<i>Tmab</i>			30		nd					np
<i>Tmr</i>			722		TD					np
<i>Tmrh/Ta</i>			TD							np
<i>Tp</i>										np
<i>Tpc</i>										np
<i>Tpt</i>										np
<i>Tac</i>										np
<i>Tw</i>										265
<i>Twlb</i>										nd
<i>Tws</i>										670
<i>Tc</i>										180
<i>Tn</i>										nd
<i>To</i>										nd
<i>Tgp</i>										TD
<i>Tgw</i>										
<i>Tlt</i>										
<i>Pz</i>										
<i>Hole Name</i>	<i>U 5g</i>	<i>U 5i</i>	<i>UE5i</i>	<i>U 5i#1</i>	<i>UE5j</i>	<i>U 5k</i>	<i>UE5k</i>	<i>U 5L</i>	<i>U 5LS</i>	<i>UE5m</i>
<i>TD</i>	90	820	2124	835	1242	905	1728	120	835	1504
<i>Surf Elev</i>	NA	3395	3427	3404	3578	3349	3349	NA	3324	3500
<i>Yr Drilled</i>	65	66	66	66	66	66	66	66	66	66
<i>Northing</i>	752542	774568	775216	774755	775001	773094	773094	773094	772700	732500
<i>Easting</i>	709097	709412	709282	709458	684500	715146	715247	713147	713499	682000
<i>Hole Diam</i>	48 in	7x13 ft	9.875 in	26 in	9.875 in	64 in	9.875 in	48 in	86 in	8.125 in
<i>CWL Depth</i>			1100		796		939			518
<i>WL Date</i>			7/7/67		3/29/66		5/25/66			4/26/66
<i>Zeol Depth</i>			2040							?
<i>Event Name</i>		DERRINGE				MILK SHK.				
<i>QA Cat</i>	?	C	D	?	?	C	D	?	?	?
<i>Footnote</i>	11	12	13	14	16	17	18	19	20	21

Part C. Formation thicknesses in feet (field units).

02/27/97

<i>Strat Unit</i>	<i>UE5n</i>	<i>RNM#1</i>	<i>RNM#2</i>	<i>RNM#2S</i>	<i>RNM#3</i>	<i>U 5RNM4</i>	<i>U 5RNM5</i>	<i>U 5R c1</i>	<i>U 5R 4c</i>	<i>U 5R 5</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD
<i>QTc</i>	np	np	np	np						
<i>Tybf</i>	np									
<i>Tma</i>										
<i>Tmab</i>										
<i>Tmr</i>										
<i>Tmrh/Ta</i>										
<i>Tp</i>										
<i>Tpc</i>										
<i>Tpt</i>										
<i>Tac</i>										
<i>Tw</i>										
<i>Twlb</i>										
<i>Tws</i>										
<i>Tc</i>										
<i>Tn</i>										
<i>To</i>										
<i>Tgp</i>										
<i>Tgw</i>										
<i>Tlt</i>										
<i>Pz</i>										
<i>Hole Name</i>	<i>UE5n</i>	<i>RNM#1</i>	<i>RNM#2</i>	<i>RNM#2S</i>	<i>RNM#3</i>	<i>U 5RNM4</i>	<i>U 5RNM5</i>	<i>U 5R c1</i>	<i>U 5R 4c</i>	<i>U 5R 5</i>
<i>TD</i>	1687	1302	935	1156	100	72	150	46	118	55
<i>Surf Elev</i>	3112	3136	3132	3133	NA	NA	3111	NA	NA	NA
<i>Yr Drilled</i>	76	74	74	74	85	85	87	88	85	85
<i>Northing</i>	754460	755823	755264	755200	NA	NA	754015	NA	NA	NA
<i>Easting</i>	706415	704831	705088	704809	NA	NA	706383	NA	NA	NA
<i>Hole Diam</i>	15 in	4.75 in	17.5 in	17.5	6 in	6 in	6 in	6 in	104 in	104 in
<i>CWL Depth</i>	705	789	728	724						
<i>WL Date</i>	7/29/93	7/8/77	3/19/85	7/29/93						
<i>Zeol Depth</i>										
<i>Event Name</i>										
<i>QA Cat</i>	?	?	?	?	?	C	C	?	?	?
<i>Footnote</i>	22	23	24	25	26	27	28	29	30	31

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

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Part C. Formation thicknesses in feet (field units).

02/27/97

Stat Unit	U SR 5u	U SR 6u	U SR 7c	U SR 8c	U SR 9u	U SR 10u	U SR 11u	U SR 12u	RCRA#1	TH5#4
Op	np	np	np	np	np	np	np	np	np	np
Qta	TD	TD	TD	TD	TD	TD	TD	TD	TD	129
Qtc										np
Tybf										np
Tma										np
Tmab										np
Tmr										np
Tmrh/Ta										np
Tp										np
Tpc										np
Tpt										np
Tac										np
Tw										TD
Twlb										
Tws										
Tc										
Tn										
To										
Tgp										
Tgw										
Tlt										
Pz										
Hole Name	U SR 5u	U SR 6u	U SR 7c	U SR 8c	U SR 9u	U SR 10u	U SR 11u	U SR 12u	RCRA#1	TH5#4
TD	118	117	120	120	120	117	119	119	120	172
Surf Elev	NA	NA	NA	NA	NA	NA	NA	NA	NA	3405
Yr Drilled	85	85	86	87	86	86	88	88	86	50
Northing	NA	NA	767625	767601	767407	767427	NA	NA	NA	763910
Easting	NA	NA	708217	708208	708087	708103	NA	NA	NA	689551
Hole Diam	104 in	104 in	104 in	104 in	120 in	120 in	120 in	120 in	4 in	?
CWL Depth										
WL Date										
Zeol Depth										
Event Name										
QA Cat	?	?	?	?	?	?	?	?	?	E
Footnote										42

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part C. Formation thicknesses in feet (field units).

02/27/97

Strat Unit	TH5#5	U 5GCDT1	TH5#1	TH5#1A	TH5#2	UESPW-1	UESPW-2	UESPW-3	SBS AP1	SBS AP2
Op	np	np	np	np	np	np	np	np	np	np
Qta	134	TD	TD	TD	TD	TD	TD	617	TD	TD
Qtc	np					np	np	np		
Tybf	np					np		np		
Tma	np							300		
Tmab	np							38		
Tmr	np							TD		
Tmrh/Ta	np									
Tp	np									
Tpc	np									
Tpt	np									
Tac	np									
Tw	TD									
Twlb										
Tws										
Tc										
Tn										
To										
Tgp										
Tgw										
Tlt										
Pz										
Hole Name	TH5#5	U 5GCDT1	TH5#1	TH5#1A	TH5#2	UESPW-1	UESPW-2	UESPW-3	SBS AP1	SBS AP2
TD	461	119	60	120	86	839	919.5	955	275	275
Surf Elev	3233	3242	NA	NA	NA	3180	3248	3298	3199	3199
Yr Drilled	50	81	81	81	81	92	92	92	93	93
Northing	734799	770001	766241	NA	766771	765702	770396	771291	767416	767401
Easting	690124	710000	709337	NA	709435	709832	709894	703460	709461	709462
Hole Diam	12 in	26 in	8.75 in	8.75 in	36 in	9.75 in	9.75 in	9.75 in	7.375 in	7.375 in
CWL Depth						771	840	890		
WL Date						4/6/93	4/6/93	4/6/93		
Zeol Depth										
Event Name										
QA Cat	E	?	?	?	?	B	B	B	B	B
Footnote										

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part C. Formation thicknesses in feet (field units).

02/27/97

Strat Unit	SBS RP1	SBS RP2	SBS NN1	SBS NE1	SBSNW1	SBS NS1	WW6-4	WW6-4A	Op	Qta	Qtc	Tybf	Tma	Tmab	Tmr	Tmrh/Ta	Tp	Tpc	Tpt	Tac	Tw	Twlb	Tws	Tc	Tn	To	Tgp	Tgw	Tlt	Pz
Hole Name	SBS RP1	SBS RP2	SBS NN1	SBS NE1	SBSNW1	SBS NS1	WW6-4	WW6-4A	TD	TD	TD	np	np	np	np	np	np	np	np	TD	TD									
TD	150	150	200	200	200	200	1479	1516																						
Surf Elev	3169	3169	3205	3197	3178	3171	3603	3606																						
Yr Drilled	93	93	93	93	93	93	81	90																						
Northing	765839	765840	768275	767229	766696	765790	785000	784350																						
Easting	708222	707094	708467	709430	706971	708094	687900	686900																						
Hole Diam	7.375 in	7.375 in	7.375 in	7.375 in	7.375 in	7.375 in	20 in	20.5 in																						
CWL Depth							835	842																						
WL Date							6/19/95	2/27/96																						
Zeol Depth								1450																						
Event Name																														
QA Cat	B	B	B	B	B	B	B	B																						
Footnote																														

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part C. Formation thicknesses in feet (field units).

02/27/97

<i>Strat Unit</i>	<i>UE11a</i>	<i>U 11b</i>	<i>UE11b</i>	<i>U 11c</i>	<i>U 11c#1</i>	<i>U 11d</i>	<i>U 11e</i>	<i>U 11f</i>	<i>U 11g</i>	<i>U 11g#1</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	550	TD	190	1590	1590	TD	TD	TD	TD	TD
<i>QTc</i>	np	np	np	940	910		np	np	TD	TD
<i>Tybf</i>	np	np	np	np	np				np	np
<i>Tma</i>	350	np	np	TD	TD					
<i>Tmab</i>	nd	np	np							
<i>Tmr</i>	TD	440	440							
<i>Tmrh/Ta</i>		348	348							
<i>Tp</i>		TD	nd							
<i>Tpc</i>			nd							
<i>Tpt</i>			220							
<i>Tac</i>			TD							
<i>Tw</i>										
<i>Twlb</i>										
<i>Tws</i>										
<i>Tc</i>										
<i>Tn</i>										
<i>To</i>										
<i>Tgp</i>										
<i>Tgw</i>										
<i>Tlt</i>										
<i>Pz</i>										
<i>Hole Name</i>	<i>UE11a</i>	<i>U 11b</i>	<i>UE11b</i>	<i>U 11c</i>	<i>U 11c#1</i>	<i>U 11d</i>	<i>U 11e</i>	<i>U 11f</i>	<i>U 11g</i>	<i>U 11g#1</i>
<i>TD</i>	1400	980	1303	1835	1860	40	835	910	910	860
<i>Surf Elev</i>	3547	3586	3586	3381	3380	NA	3385	3393	3405	3405
<i>Yr Drilled</i>	65	66	65	66	66	66	66	68	68	70
<i>Northing</i>	777130	778800	778800	775094	775094	775094	775094	775100	775819	775817
<i>Easting</i>	708280	712275	712300	713147	713247	711147	715147	715900	714079	714061
<i>Hole Diam</i>	9.875 in	7x13 ft	8.75 in	86 in	9.875 in	104 in	86 in	86 in	86 in	12.25 in
<i>CWL Depth</i>	1131		1146							
<i>WL Date</i>	7/29/93		12/6/85							
<i>Zeol Depth</i>			1290							
<i>Event Name</i>		PIN STRIP		NEW PT			DIANA MO	MIN STK	DIAG LINE	
<i>QA Cat</i>	C	C	C	C	C	?	C	C	C	C
<i>Footnote</i>	63	64	65	66	67	68	69	70	71	72

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part C. Formation thicknesses in feet (field units).

02/27/97

<i>Strat Unit</i>	<i>U 11gEx1</i>		<i>TW F</i>		<i>WW 1</i>	<i>HTH#3</i>
<i>Qp</i>	np		np		np	np
<i>QTa</i>	1120		np		TD	157
<i>QTc</i>	520		np		np	np
<i>Tybf</i>	np		np			np
<i>Tma</i>	np		np			np
<i>Tmab</i>	np		np			np
<i>Tmr</i>	TD		np			np
<i>Tmrh/Ta</i>			np			np
<i>Tp</i>			np			np
<i>Tpc</i>			np			np
<i>Tpt</i>			np			np
<i>Tac</i>			np			np
<i>Tw</i>			1110			np
<i>Twlb</i>			nd			np
<i>Tws</i>			372			np
<i>Tc</i>			226			np
<i>Tn</i>			nd			np
<i>To</i>			nd			np
<i>Tgp</i>			1429			np
<i>Tgw</i>			nd			np
<i>Tlt</i>			nd			np
<i>Pz</i>			TD			TD
<i>Hole Name</i>	<i>U 11gEx1</i>		<i>TW F</i>		<i>WW 1</i>	<i>HTH#3</i>
<i>TD</i>	1155		3400		870	1860
<i>Surf Elev</i>	3405		4143		3100	3477
<i>Yr Drilled</i>	71		62		50	62
<i>Nothing</i>	775759		731853		751509	750189
<i>Easting</i>	714050		661153		723349	736937
<i>Hole Diam</i>	9.875 in		7.5 in		?	7.5 in
<i>CWL Depth</i>	988		1737		714	1105
<i>WL Date</i>	?		6/29/95		12/17/50	6/7/90
<i>Zeol Depth</i>						
<i>Event Name</i>						
<i>QA Cat</i>	C		D		D	D
<i>Footnote</i>	73		74		41	75

Part D. Formation thicknesses in meters.

02/27/97

<i>Strat Unit</i>	<i>U 5a</i>	<i>WW5A</i>	<i>U 5b</i>	<i>WW5B</i>	<i>U 5c</i>	<i>WW5c</i>	<i>UE5cWW</i>	<i>U 5d</i>	<i>U 5e</i>	<i>UE5f</i>	<i>U 5g</i>
<i>Qp</i>	?	np	?	np	np	np	np	np	np	np	np
<i>QTa</i>	TD	TD	TD	TD	TD	TD	411.5	TD	TD	TD	TD
<i>QTc</i>	np	TD	np	np	np	np	np	np	np	np	
<i>Tybf</i>							np				
<i>Tma</i>							np				
<i>Tmab</i>							np				
<i>Tmr</i>							np				
<i>Tmrh/Ta</i>							np				
<i>Tp</i>							np				
<i>Tpc</i>							np				
<i>Tpt</i>							np				
<i>Tac</i>							np				
<i>Tw</i>							TD				
<i>Twlb</i>							nd				
<i>Tws</i>											
<i>Tc</i>											
<i>Tn</i>											
<i>To</i>											
<i>Tgp</i>											
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole Name</i>	<i>U 5a</i>	<i>WW5A</i>	<i>U 5b</i>	<i>WW5B</i>	<i>U 5c</i>	<i>WW5c</i>	<i>UE5cWW</i>	<i>U 5d</i>	<i>U 5e</i>	<i>UE5f</i>	<i>U 5g</i>
<i>TD</i>	191.4	277.4	205.7	274.3	205.7	365.8	817.5	208.8	304.8	335.3	27.4
<i>Surf Elev</i>	940.6	942.7	943.4	942.4	944.9	939.1	980.2	951.0	956.2	1006.1	NA
<i>Yr Drilled</i>	64	51	64	51	64	54	64	65	65	65	65
<i>Northing</i>	229667.3	225052.9	229667.3	227795.5	230063.5	226424.2	231689.0	230612.1	230252.2	235458.2	229375.3
<i>Easting</i>	216408.4	215650.7	215798.5	214659.8	216103.6	215155.1	213664.3	215768.6	214832.9	216683.1	216133.2
<i>Hole Diam</i>	1.6 m	17.8 cm	1.6 m	?	1.6 m	?	25.1 cm	2.18 m	1.6 m	25.1 cm	1.22 m
<i>CWL Depth</i>		217.0		209.4		219.2	246.0			271.3	
<i>WL Date</i>		6/28/93		1/16/80		8/31/93	1/18/73			6/15/65	
<i>Zeol Depth</i>							?				
<i>Event Name</i>	WISHBON		DIL WATE						CAMBRIC		
<i>QA Cat</i>	C	?	C	E	?	?	?	?	C	D	?
<i>Footnote</i>	1	2	3	4	5	6	7	8	9	10	11

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

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Part D. Formation thicknesses in meters.

Strat Unit	U 5i	UESi	U 5i#1	UESj	U 5k	UESk	U 5L	U 5LS	UESm	UESn	RNM#1
Op	np	np	np	np	np	np	np	np	np	np	np
Qta	TD	335.3	TD	332.2	TD	506	TD	TD	50.3	TD	TD
Qtc	np	167.6	np	np	201.2			np	np	np	np
Tybf		25.9	np	44.2	15.2			np	np	np	
Tma		90.8			TD				np		
Tmab		9.1	220.1	TD					np		
Tmr									np		
Tmrh/Ta		TD							np		
TP									np		
Tpc									np		
Tpt									np		
Tac									np		
Tw									80.8		
Twlb									nd		
Tws									204.2		
Tc									54.9		
Tn									nd		
To									nd		
Tgp									TD		
Tgw											
Tlt											
Pz											
Hole Name	U 5i	UESi	U 5i#1	UESj	U 5k	UESk	U 5L	U 5LS	UESm	UESn	RNM#1
TD	249.9	647.4	254.5	378.6	275.8	526.7	36.6	254.5	458.4	514.2	396.9
Surf Elev	1034.8	1044.6	1037.5	1090.6	1020.8	1020.8	NA	1013.2	1066.8	948.5	955.9
Yr Drilled	66	66	66	66	66	66	66	66	66	76	74
Northing	236088.8	236286.3	236145.8	236220.8	235639.5	235639.5	235639.5	235639.4	223266.4	229959.9	230375.3
Easting	216229.2	216189.6	216243.2	208636.0	217976.9	218007.7	217367.6	217474.9	207874.0	215315.7	214832.9
Hole Diam	2.1x4.0 m	25.1 cm	66.0 cm	25.1 cm	1.6 m	25.1 cm	1.22 m	2.18 m	20.6 cm	38.1 cm	12.1 cm
CWL Depth		335.3		242.6		286.2			157.9	214.9	240.5
WL Date		7/7/67		3/29/66		5/25/66			4/26/66	7/29/93	7/8/77
Zeol Depth		621.8							?		
Event Name	DERRINGE				MILK SHK						
QA Cat	C	D	?	?	C	D	?	?	?	?	?
Footnote											

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part D. Formation thicknesses in meters.

02/27/97

Strat Unit	RNM#2	RNM#2S	RNM#3	U 5RNM4	U 5RNM5	U 5R c1	U 5R 4c	U 5R 5	U 5R 5u	U 5R 6u	U 5R 7c
Op	np	np	np	np	np	np	np	np	np	np	np
Qta	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD	TD
Qtc	np	np									
Tybf											
Tma											
Tmab											
Tmr											
Tmrh/Ta											
Tp											
Tpc											
Tpt											
Tac											
Tw											
Twlb											
Tws											
Tc											
Tn											
To											
Tgp											
Tgw											
Tlt											
Pz											
Hole Name	RNM#2	RNM#2S	RNM#3	U 5RNM4	U 5RNM5	U 5R c1	U 5R 4c	U 5R 5	U 5R 5u	U 5R 6u	U 5R 7c
TD	285.0	352.3	30.5	21.9	45.7	14.0	36.0	16.8	36.0	35.7	36.6
Surf Elev	954.6	954.9	NA	NA	948.2	NA	NA	NA	NA	NA	NA
Yr Drilled	74	74	85	85	87	88	85	85	85	85	86
Northing	230204.9	230185.4	NA	NA	229824.2	NA	NA	NA	NA	NA	233972.6
Easting	214911.2	214826.2	NA	NA	215306.0	NA	NA	NA	NA	NA	215865.0
Hole Diam	44.5 cm	44.5 cm	15.2 cm	15.2 cm	15.2 cm	15.2 cm	2.64 m	2.64 m	2.64 m	2.64 m	2.64 m
CWL Depth	221.9	220.7									
WL Date	3/19/85	7/29/93									
Zeol Depth											
Event Name											
QA Cat	?	?	?	?	?	?	?	?	?	?	?
Footnote	24	25	26	27	28	29	30	31	32	33	34

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part D. Formation thicknesses in meters.

02/27/97

<i>Strat Unit</i>	<i>U 5R 8c</i>	<i>U 5R 9u</i>	<i>U 5R 10u</i>	<i>U 5R 11u</i>	<i>U 5R 12u</i>	<i>RCRA#1</i>	<i>TH5#4</i>	<i>TH5#5</i>	<i>U 5GCDT1</i>	<i>TH5#1</i>	<i>TH5#1A</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	TD	TD	TD	TD	TD	TD	39.3	40.8	TD	TD	TD
<i>QTc</i>							np	np			
<i>Tybf</i>							np	np			
<i>Tma</i>							np	np			
<i>Tmab</i>							np	np			
<i>Tmr</i>							np	np			
<i>Tmrh/Ta</i>							np	np			
<i>Tp</i>							np	np			
<i>Tpc</i>							np	np			
<i>Tpt</i>							np	np			
<i>Tac</i>							np	np			
<i>Tw</i>							TD	TD			
<i>Twlb</i>											
<i>Tws</i>											
<i>Tc</i>											
<i>Tn</i>											
<i>To</i>											
<i>Tgp</i>											
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole Name</i>	<i>U 5R 8c</i>	<i>U 5R 9u</i>	<i>U 5R 10u</i>	<i>U 5R 11u</i>	<i>U 5R 12u</i>	<i>RCRA#1</i>	<i>TH5#4</i>	<i>TH5#5</i>	<i>U 5GCDT1</i>	<i>TH5#1</i>	<i>TH5#1A</i>
<i>TD</i>	36.6	36.6	35.7	36.3	36.3	36.6	52.4	140.5	36.3	18.3	36.6
<i>Surf Elev</i>	NA	NA	NA	NA	NA	NA	1037.8	985.4	988.2	NA	NA
<i>Yr Drilled</i>	87	86	86	88	88	86	50	50	81	81	81
<i>Northing</i>	233965.2	233906.1	233912.2	NA	NA	NA	232840.2	223967.2	234696.8	233550.7	NA
<i>Easting</i>	215862.2	215825.3	215830.2	NA	NA	NA	210175.6	210350.2	216408.4	216206.3	NA
<i>Hole Diam</i>	2.64 m	3.0 m	3.0 m	3.0 m	3.0 m	10.2 cm	?	15.2 cm	66.0 cm	22.2 cm	22.2 cm
<i>CWL Depth</i>											
<i>WL Date</i>											
<i>Zeol Depth</i>											
<i>Event Name</i>											
<i>QA Cat</i>	?	?	?	?	?	?	E	E	?	?	?
<i>Footnote</i>	35	36	37	38	39	40	42	43	44	45	46

Strat Unit	TH5#2	UE5PW-1	UE5PW-2	UE5PW-3	SBS AP1	SBS AP2	SBS RP1	SBS RP2	SBS NN1	SBS NE1	SBS NW1
Op	np	np	np	np	np	np	np	np	np	np	np
Qta	TD	TD	TD	188.1	TD	TD	TD	TD	TD	TD	TD
Qtc		np	np	np							
Tybf		np	np	np							
Tma				91.4							
Tmab				11.6							
Tmr				TD							
Tmrh/Ta											
Tp											
Tpc											
Tpt											
Tac											
Tw											
Twlb											
Tws											
Tc											
Tn											
To											
Tgp											
Tgw											
Tlc											
Pz											
Hole Name	TH5#2	UE5PW-1	UE5PW-2	UE5PW-3	SBS AP1	SBS AP2	SBS RP1	SBS RP2	SBS NN1	SBS NE1	SBS NW1
TD	26.2	255.7	280.3	291.1	83.8	83.8	45.7	45.7	61.0	61.0	61.0
Surf Elev	NA	969.3	990.0	1005.2	975.2	975.1	966.6	965.9	976.9	974.3	968.6
Yr Drilled	81	92	92	92	93	93	93	93	93	93	93
Northing	233712.3	233386.4	234817.2	235090.0	233911.3	233906.7	233415.7	233430.7	234173.0	233854.3	233691.7
Easting	216236.2	216357.1	216376.1	214415.0	216246.5	216246.5	215829.7	215798.3	215798.3	216237.0	215487.4
Hole Diam	91.4 cm	24.8 cm	24.8 cm	24.8 cm	18.7 cm	18.7 cm	18.7 cm	18.7 cm	18.7 cm	18.7 cm	18.7 cm
CWL Depth		734.3	734.0	734.0							
WL Date		4/6/93	4/6/93	4/6/93							
Zeol Depth											
Event Name											
QA Cat	?	B	B	B	B	B	B	B	B	B	B
Footnote											

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part D. Formation thicknesses in meters.

Strat Unit	U 11e	U 11f	U 11g	U 11g#1	U 11gEx1	TW F	WW 1	HTH#3
Op	np	np	np	np	np	np	np	np
Q1a	TD	TD	TD	TD	341.4	np	TD	47.9
Q1c	nd	np	TD	TD	158.5	np	np	np
Tybf		np	np	np	np	np		np
Tma					np	np		np
Tmab					np	np		np
Tmr					TD	np		np
Tmrh/Ta						np		np
Tp						np		np
Tpc						np		np
Tpt						np		np
Tac						np		np
Tw						338.3		np
Twlb						nd		np
Tws						113.4		np
Tc						68.9		np
Tn						nd		np
To						nd		np
Tgp						435.6		np
Tgw						nd		np
Tlt						nd		np
Pz						TD		TD
Hole Name	U 11e	U 11f	U 11g	U 11g#1	U 11gEx1	TW F	WW 1	HTH#3
TD	254.5	277.4	277.4	262.1	352.0	1036.3	265.2	566.9
Surf Elev	1031.8	1034.2	1037.8	1037.8	1037.8	1262.8	944.9	1059.8
Yr Drilled	66	68	68	70	71	62	50	62
Northing	236249.1	236250.9	236470.1	236469.5	236451.8	223069.2	229060.4	228658.1
Easting	217977.2	218206.7	217651.7	217646.2	217642.9	201519.8	220477.2	224618.8
Hole Diam	2.18 m	2.18 m	2.18 m	31.1 cm	25.1 cm	19.0 cm	?	19.0 cm
CWL Depth					301.1	506.6	217.6	336.8 m
WL Date					?	6/29/95	12/17/50	6/7/90
Zeol Depth								
Event Name	DIANA MO	MIN STK	DIAG LINE					
QA Cat	C	C	C	C	C	D	D	D
Footnote	69	70	71	72	73	74	41	75

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

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Part E. Formation elevations in feet (field units).

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<i>Strat Unit</i>	<i>U 5a</i>	<i>WW5A</i>	<i>U 5b</i>	<i>WW5B</i>	<i>U 5c</i>	<i>WW5c</i>	<i>UE5cWW</i>	<i>U 5d</i>	<i>U 5e</i>	<i>UE5f</i>	<i>U 5g</i>
<i>Qp</i>	?	np	?	np	np	np	np	np	np	np	np
<i>QTa</i>	3086	3093	3095	3092	3100	3081	3216	3120	3137	3301	NA
<i>QTc</i>	np	2508	np	np	np	np	np	np	np	np	
<i>Tybf</i>							np				
<i>Tma</i>							np				
<i>Tmab</i>							np				
<i>Tmr</i>							np				
<i>Tmrh/Ta</i>							np				
<i>Tp</i>							np				
<i>Tpc</i>							np				
<i>Tpt</i>							np				
<i>Tac</i>							np				
<i>Tw</i>							1866				
<i>Twlb</i>							nd				
<i>Tws</i>											
<i>Tc</i>											
<i>Tn</i>											
<i>To</i>											
<i>Tgp</i>											
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole</i>	<i>U 5a</i>	<i>WW5A</i>	<i>U 5b</i>	<i>WW5B</i>	<i>U 5c</i>	<i>WW5c</i>	<i>UE5cWW</i>	<i>U 5d</i>	<i>U 5e</i>	<i>UE5f</i>	<i>U 5g</i>
<i>TD</i>	628	910	675	900	675	1200	2682	685	1000	1100	90
<i>Elev</i>	3086	3093	3095	3092	3100	3081	3216	3120	3137	3301	NA
<i>Yr Drilled</i>	64	51	64	51	64	54	64	65	65	65	65
<i>Northing</i>	753500	738361	753500	747359	754800	742860	760133	756600	755419	772499	752542
<i>Easting</i>	710000	707514	707999	704263	709000	705888	700997	707901	704831	710901	709097
<i>Hole Diam</i>	64 in	7 in	64 in	?	64 in	?	9.875 in	86 in	64 in	9.875 in	48 in
<i>CWL Elev</i>		2381		2405		2362	2409			2411	
<i>WL Date</i>		6/28/93		1/16/80		8/31/93	1/18/73			6/15/65	
<i>Zeol Elev</i>							?				
<i>Event Name</i>	WISHBON		DIL WATE						CAMBRIC		
<i>QA Cat</i>	C	?	C	E	?	?	?	?	C	D	?
<i>Footnote</i>	1	2	3	4	5	6	7	8	9	10	11

See Tables 2, 3, 4 and 5 for explanation of stratigraphic symbols used here.

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Part E. Formation elevations in feet (field units).

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<i>Strat Unit</i>	<i>U 5i</i>	<i>UE5i</i>	<i>U 5i#1</i>	<i>UE5j</i>	<i>U 5k</i>	<i>UE5k</i>	<i>U 5L</i>	<i>U 5LS</i>	<i>UE5m</i>	<i>UE5n</i>	<i>RNM#1</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	3395	3427	3404	3578	3349	3349	NA	3324	3500	3112	3136
<i>QTc</i>	np	2877	nd	np		2349		np	np	np	np
<i>Tybf</i>		2547	np	np	np	2399		np	np	np	
<i>Tma</i>		2327		2488		1689			np		
<i>Tmab</i>		2059		nd					np		
<i>Tmr</i>		2029		2343					np		
<i>Tmrh/Ta</i>		1307							np		
<i>Tp</i>									np		
<i>Tpc</i>									np		
<i>Tpt</i>									np		
<i>Tac</i>									np		
<i>Tw</i>									3335		
<i>Twlb</i>									nd		
<i>Tws</i>									3070		
<i>Tc</i>									2400		
<i>Tn</i>									nd		
<i>To</i>									nd		
<i>Tgp</i>									2220		
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole</i>	<i>U 5i</i>	<i>UE5i</i>	<i>U 5i#1</i>	<i>UE5j</i>	<i>U 5k</i>	<i>UE5k</i>	<i>U 5L</i>	<i>U 5LS</i>	<i>UE5m</i>	<i>UE5n</i>	<i>RNM#1</i>
<i>TD</i>	820	2124	835	1242	905	1728	120	835	1504	1687	1302
<i>Elev</i>	3395	3427	3404	3578	3349	3349	NA	3324	3500	3112	3136
<i>Yr Drilled</i>	66	66	66	66	66	66	66	66	66	76	74
<i>Northing</i>	774568	775216	774755	775001	773094	773094	773094	772700	732500	754460	755823
<i>Easting</i>	709412	709282	709458	684500	715146	715247	713147	713499	682000	706415	704831
<i>Hole Diam</i>	7x13 ft	9.875 in	26 in	9.875 in	64 in	9.875 in	48 in	86 in	8.125 in	15 in	4.75 in
<i>CWL Elev</i>		2327		2782		2410			2982	2407	2347
<i>WL Date</i>		?/?/67		3/29/66		5/25/66			4/26/66	7/29/93	7/8/77
<i>Zeol Elev</i>		1387							?		
<i>Event Name</i>	DERRINGE				MILK SHK						
<i>QA Cat</i>	C	D	?	C	C	D	?	?	C	C	?
<i>Footnote</i>	12	13	14	16	17	18	19	20	21	22	23

Part E. Formation elevations in feet (field units).

Strat Unit	RNM#2	RNM#2S	RNM#3	U 5RNM4	U 5RNM5	U 5R c1	U 5R 4c	U 5R 5	U 5R 5u	U 5R 6u	U 5R 7c
Op	np	np	np	np	np	np	np	np	np	np	np
Qta	3132	3133	NA	NA	3111	NA	NA	NA	NA	NA	NA
Qtc	np	np									
Tybf											
Tma											
Tmab											
Tmr											
Tmrh/Ta											
Tp											
Tpc											
Tpt											
Tac											
Tw											
Twlb											
Tws											
Tc											
Tn											
To											
Tgp											
Tgw											
Tlt											
Pz											
Hole	RNM#2	RNM#2S	RNM#3	U 5RNM4	U 5RNM5	U 5R c1	U 5R 4c	U 5R 5	U 5R 5u	U 5R 6u	U 5R 7c
TD	935	1156	100	72	150	46	118	55	118	117	120
Elev	3132	3133	NA	NA	3111	NA	NA	NA	NA	NA	NA
Yr Drilled	74	74	85	85	87	88	85	85	85	85	86
Northing	755264	755200	NA	NA	754015	NA	NA	NA	NA	NA	767625
Easting	705088	704809	NA	NA	706383	NA	NA	NA	NA	NA	708217
Hole Diam	17.5 in	17.5 in	6 in	6 in	6 in	6 in	104 in	104 in	104 in	104 in	104 in
CWL Elev	2404	2409									
WL Date	3/19/85	7/29/93									
Zeol Elev											
Event Name											
QA Cat	?	?	?	?	?	?	?	?	?	?	?
Footnote											

See Tables 2, 3, 4 and 5 for explanation of stratigraphic symbols used here.

Part E. Formation elevations in feet (field units).

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<i>Strat Unit</i>	<i>U 5R 8c</i>	<i>U 5R 9u</i>	<i>U 5R 10u</i>	<i>U 5R 11u</i>	<i>U 5R 12u</i>	<i>RCRA#1</i>	<i>TH5#4</i>	<i>TH5#5</i>	<i>U 5GCDT1</i>	<i>TH5#1</i>	<i>TH5#1A</i>
<i>Op</i>	np	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	NA	NA	NA	NA	NA	NA	3405	3233	3242	NA	NA
<i>QTc</i>							np	np			
<i>Tybf</i>							np	np			
<i>Tma</i>							np	np			
<i>Tmab</i>							np	np			
<i>Tmr</i>							np	np			
<i>Tmrh/Ta</i>							np	np			
<i>Tp</i>							np	np			
<i>Tpc</i>							np	np			
<i>Tpt</i>							np	np			
<i>Tac</i>							np	np			
<i>Tw</i>							3275	3099			
<i>Twlb</i>											
<i>Tws</i>											
<i>Tc</i>											
<i>Tn</i>											
<i>To</i>											
<i>Tgp</i>											
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole</i>	<i>U 5R 8c</i>	<i>U 5R 9u</i>	<i>U 5R 10u</i>	<i>U 5R 11u</i>	<i>U 5R 12u</i>	<i>RCRA#1</i>	<i>TH5#4</i>	<i>TH5#5</i>	<i>U 5GCDT1</i>	<i>TH5#1</i>	<i>TH5#1A</i>
<i>TD</i>	120	120	117	119	119	120	172	461	119	60	120
<i>Elev</i>	NA	NA	NA	NA	NA	NA	3405	3233	3242	NA	NA
<i>Yr Drilled</i>	87	86	86	88	88	86	50	50	81	81	81
<i>Northing</i>	767601	767407	767427	NA	NA	NA	763910	734799	770001	766241	NA
<i>Easting</i>	708208	708087	708103	NA	NA	NA	689551	690124	710000	709337	NA
<i>Hole Diam</i>	104 in	120 in	120 in	120 in	120 in	4 in	?	12 in	26 in	8.75 in	8.75 in
<i>CWL Elev</i>											
<i>WL Date</i>											
<i>Zeol Elev</i>											
<i>Event Name</i>											
<i>QA Cat</i>	?	?	?	?	?	?	E	E	?	?	?
<i>Footnote</i>	35	36	37	38	39	40	42	43	44	45	46

Part E. Formation elevations in feet (field units).

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<i>Strat Unit</i>	<i>TH5#2</i>	<i>UE5PW-1</i>	<i>UE5PW-2</i>	<i>UE5PW-3</i>	<i>SB5 AP1</i>	<i>SB5 AP2</i>	<i>SB5 RP1</i>	<i>SB5 RP2</i>	<i>SB5 NN1</i>	<i>SB5 NE1</i>	<i>SB5 NW1</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	NA	3180	3248	3298	3199	3199	3169	3169	3205	3197	3178
<i>QTc</i>		np	np	np							
<i>Tybf</i>		np	np	np							
<i>Tma</i>				2681							
<i>Tmab</i>				2381							
<i>Tmr</i>				2343							
<i>Tmrh/Ta</i>											
<i>Tp</i>											
<i>Tpc</i>											
<i>Tpt</i>											
<i>Tac</i>											
<i>Tw</i>											
<i>Twlb</i>											
<i>Tws</i>											
<i>Tc</i>											
<i>Tn</i>											
<i>To</i>											
<i>Tgp</i>											
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole</i>	<i>TH5#2</i>	<i>UE5PW-1</i>	<i>UE5PW-2</i>	<i>UE5PW-3</i>	<i>SB5 AP1</i>	<i>SB5 AP2</i>	<i>SB5 RP1</i>	<i>SB5 RP2</i>	<i>SB5 NN1</i>	<i>SB5 NE1</i>	<i>SB5 NW1</i>
<i>TD</i>	86	839	919.5	955	275	275	150	150	200	200	200
<i>Elev</i>	NA	3180	3248	3298	3199	3199	3169	3169	3205	3197	3178
<i>Yr Drilled</i>	81	92	92	92	93	93	93	93	93	93	93
<i>Northing</i>	766771	765702	770396	771291	767416	767401	765839	765840	768275	767229	766696
<i>Easting</i>	709435	709832	709894	703460	709461	709462	708222	707094	708467	709430	706971
<i>Hole Diam</i>	36 in	9.75 in	9.75 in	9.75 in	7.375 in	7.375 in	7.375 in	7.375 in	7.375 in	7.375 in	7.375 in
<i>CWL Elev</i>		2409	2408	2408							
<i>WL Date</i>		4/6/93	4/6/93	4/6/93							
<i>Zeol Elev</i>											
<i>Event Name</i>											
<i>QA Cat</i>	?	B	B	B	B	B	B	B	B	B	B
<i>Footnote</i>	47	48	49	50	51	52	53	54	55	56	57

See Tables 2, 3, 4 and 5 for explanation of stratigraphic symbols used here.

Part E. Formation elevations in feet (field units).

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Strat Unit	SBS NS1	WW6-4	WW6-4A	UE11a	U 11b	UE11b	U 11c	U 11c#1	U 11d
Op	np	np	np	np	np	np	np	np	np
Qta	3171	3602	3606	3547	3586	3586	3381	3380	NA
Qtc		nd	nd	np	np	np	2731	2700	
Tybf		np	np	np	np	np	np	np	
Tma		3082	2841	2997	np	np	1791	1790	
Tmab		nd	2636	nd	np	np			
Tmr		2863	2626	2647	3396	3396			
Tmrh/Ta		2393	2301		2956	2956			
Tp		nd	nd		2608	2608			
Tpc		nd	nd			nd			
Tpt		2353	2281			2566			
Tac		2263	2156			2346			
Tw									
Twlb									
Tws									
Tc									
Tn									
To									
Tgp									
Tgw									
Tlt									
Pz									
Hole	SBS NS1	WW6-4	WW6-4A	UE11a	U 11b	UE11b	U 11c	U 11c#1	U 11d
TD	200	1479	1516	1400	980	1303	1835	1860	40
Elev	3171	3602	3606	3547	3586	3586	3381	3380	NA
Yr Drilled	93	81	90	65	66	65	66	66	66
Northing	765790	785000	784350	777130	778800	778800	775094	775094	775094
Easting	708094	687900	686900	708280	712275	712300	713147	713247	711147
Hole Diam	7.375 in	20 in	20.5 in	9.875 in	7x13 ft	8.75 in	86 in	9.875 in	104 in
CWL Elev		2768	2764	2416		2440			
WL Date		6/19/95	2/27/96	7/29/93		12/6/85			
Zeol Elev			2156			2296			
Event Name					PIN STRIP		NEW PT		
OA Cat	B	B	B	C	C	C	C	C	?
Footnote	58				63	64	65	66	68

See Tables 2, 3, 4 and 5 for explanation of stratigraphic symbols used here.

Part E. Formation elevations in feet (field units).

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Strat Unit	U 11e	U 11f	U 11g	U 11g#1	U 11gEx1	TW F	WW 1	HTH#3
Op	np	np	np	np	np	np	np	np
Q1a	3385	3393	3405	3405	3405	np	3100	3477
Q1c	np	np	np	2795	2805	np	np	np
Tybf		np	np	np	np	np	np	np
Tma				np	np	np		np
Tmab				np	np	np		np
Tmr				2285	np	np		np
Tmrh/Ta					np	np		np
Tp					np	np		np
Tpc					np	np		np
Tpt					np	np		np
Tac					np	np		np
Tw					4143	np		np
Twlb					nd	np		np
Tws					3033	np		np
Tc					2661	np		np
Tn					nd	np		np
To					nd	np		np
Tgp					2435	np		np
Tgw					nd	np		np
Tlt					nd	np		np
Pz					1006	np		3320
Hole	U 11e	U 11f	U 11g	U 11g#1	U 11gEx1	TW F	WW 1	HTH#3
TD	835	910	910	860	1155	3400	870	1860
Elev	3385	3393	3405	3405	3405	4143	3100	3477
Yr Drilled	66	68	68	70	71	62	50	62
Northing	775094	775100	775819	775817	775759	731853	751509	750189
Easting	715147	715900	714079	714061	714050	661153	723349	736937
Hole Diam	86 in	86 in	86 in	12.25 in	9.875 in	7.5 in	7	7.5 in
CWL Elev					2417	1663	2386	1105
WL Date					?	6/29/95	12/17/50	6/7/90
Zeol Elev								
Event Name	DIANA MO	MIN STK	DIAG LINE					
QA Cat	C	C	C	C	C	D	D	D
Footnote	69	70	71	72	73	74	41	75

See Tables 2, 3, 4 and 5 for explanation of stratigraphic symbols used here.

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Part F. Formation elevations in meters.

02/27/97

Strat Unit	U 5a	WW5A	U 5b	WW5B	U 5c	WW5c	UE5cWW	U 5d	U 5e	UE5f	U 5g
Qp	?	np	?	np	np	np	np	np	np	np	np
QTa	940.6	942.7	943.4	942.4	944.9	939.1	980.2	951.0	956.2	1006.1	NA
QTc	np	764.4	np	np	np	np	np	np	np	np	
Tybf							np				
Tma							np				
Tmab							np				
Tmr							np				
Tmrh/Ta							np				
Tp							np				
Tpc							np				
Tpt							np				
Tac							np				
Tw							568.8				
Twlb							nd				
Tws											
Tc											
Tn											
To											
Tgp											
Tgw											
Tlt											
Pz											
Hole Name	U 5a	WW5A	U 5b	WW5B	U 5c	WW5c	UE5cWW	U 5d	U 5e	UE5f	U 5g
TD	191.4	277.4	205.7	274.3	205.7	365.8	817.5	208.8	304.8	335.3	27.4
Surf Elev	940.6	942.7	943.4	942.4	944.9	939.1	980.2	951.0	956.2	1006.1	NA
Yr Drilled	64	51	64	51	64	54	64	65	65	65	65
Northing	229667.3	225052.9	229667.3	227795.5	230063.5	226424.2	231689.0	230612.1	230252.2	235458.2	229375.3
Easting	216408.4	215650.7	215798.5	214659.8	216103.6	215155.1	213664.3	215768.6	214832.9	216683.1	216133.2
Hole Diam	1.6 m	17.8 cm	1.6 m	?	1.6 m	?	25.1 cm	2.18 m	1.6 m	25.1 cm	1.22 m
CWL Elev		725.7		733.0		719.9	734.2			726.3	
WL Date		6/28/93		1/16/80		8/31/93	1/18/73			6/15/65	
Zeol Elev							?				
Event Name	WISHBON		DIL WATE						CAMBRIC		
QA Cat	C	?	C	E	?	?	?	?	C	D	?
Footnote	1	2	3	4	5	6	7	8	9	10	11

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part F. Formation elevations in meters.

02/27/97

<i>Strat Unit</i>	<i>U 5i</i>	<i>UE5i</i>	<i>U 5i#1</i>	<i>UE5j</i>	<i>U 5k</i>	<i>UE5k</i>	<i>U 5L</i>	<i>U 5LS</i>	<i>UE5m</i>	<i>UE5n</i>	<i>RNM#1</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	1034.8	1044.6	1037.5	1090.6	1020.8	1020.8	NA	1013.2	1066.8	948.5	955.9
<i>QTc</i>	np	876.9	nd	np		716.0		np	np	np	np
<i>Tybf</i>		776.3	np	np	np	731.2		np	np	np	
<i>Tma</i>		709.3		758.3		514.8			np		
<i>Tmab</i>		627.6		nd					np		
<i>Tmr</i>		618.4		714.1					np		
<i>Tmrh/Ta</i>		398.4							np		
<i>Tp</i>									np		
<i>Tpc</i>									np		
<i>Tpt</i>									np		
<i>Tac</i>									np		
<i>Tw</i>									1016.5		
<i>Twlb</i>									nd		
<i>Tws</i>									935.7		
<i>Tc</i>									731.5		
<i>Tn</i>									nd		
<i>To</i>									nd		
<i>Tgp</i>									676.7		
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole Name</i>	<i>U 5i</i>	<i>UE5i</i>	<i>U 5i#1</i>	<i>UE5j</i>	<i>U 5k</i>	<i>UE5k</i>	<i>U 5L</i>	<i>U 5LS</i>	<i>UE5m</i>	<i>UE5n</i>	<i>RNM#1</i>
<i>TD</i>	249.9	647.4	254.5	378.6	275.8	526.7	36.6	254.5	458.4	514.2	396.9
<i>Surf Elev</i>	1034.8	1044.6	1037.5	1090.6	1020.8	1020.8	NA	1013.2	1066.8	948.5	955.9
<i>Yr Drilled</i>	66	66	66	66	66	66	66	66	66	76	74
<i>Northing</i>	236088.8	236286.3	236145.8	236220.8	235639.5	235639.5	235639.5	235519.4	223266.4	229959.9	230375.3
<i>Easting</i>	216229.2	216189.6	216243.2	208636.0	217976.9	218007.7	217367.6	217474.9	207874.0	215315.7	214832.9
<i>Hole Diam</i>	2.1x4.0 m	25.1 cm	66.0 cm	25.1 cm	1.6 m	25.1 cm	1.22 m	2.18 m	20.6 cm	38.1 cm	12.1 cm
<i>CWL Elev</i>		709.3		848.0		731.6			908.9	733.6	715.4
<i>WL Date</i>		7/7/67		3/29/66		5/25/66			4/26/66	7/29/93	7/8/77
<i>Zeol Elev</i>		422.7							?		
<i>Event Name</i>	DERRINGE				MILK SHK						
<i>QA Cat</i>	C	D	C	C	C	D	?	?	C	C	?
<i>Footnote</i>	12	13	14	16	17	18	19	20	21	22	23

Part F. Formation elevations in meters.

02/27/97

<i>Strat Unit</i>	<i>RNM#2</i>	<i>RNM#2S</i>	<i>RNM#3</i>	<i>U 5RNM4</i>	<i>U 5RNM5</i>	<i>U 5R c1</i>	<i>U 5R 4c</i>	<i>U 5R 5</i>	<i>U 5R 5u</i>	<i>U 5R 6u</i>	<i>U 5R 7c</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	954.6	954.9	NA	NA	948.2	NA	NA	NA	NA	NA	NA
<i>QTc</i>	np	np									
<i>Tybf</i>											
<i>Tma</i>											
<i>Tmab</i>											
<i>Tmr</i>											
<i>Tmrh/Ta</i>											
<i>Tp</i>											
<i>Tpc</i>											
<i>Tpt</i>											
<i>Tac</i>											
<i>Tw</i>											
<i>Twlb</i>											
<i>Tws</i>											
<i>Tc</i>											
<i>Tn</i>											
<i>To</i>											
<i>Tgp</i>											
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole Name</i>	<i>RNM#2</i>	<i>RNM#2S</i>	<i>RNM#3</i>	<i>U 5RNM4</i>	<i>U 5RNM5</i>	<i>U 5R c1</i>	<i>U 5R 4c</i>	<i>U 5R 5</i>	<i>U 5R 5u</i>	<i>U 5R 6u</i>	<i>U 5R 7c</i>
<i>TD</i>	285.0	352.3	30.5	21.9	45.7	14.0	36.0	16.8	36.0	35.7	36.6
<i>Surf Elev</i>	954.6	954.9	NA	NA	948.2	NA	NA	NA	NA	NA	NA
<i>Yr Drilled</i>	74	74	85	85	87	88	85	85	85	85	86
<i>Northing</i>	230204.9	230185.4	NA	NA	229824.2	NA	NA	NA	NA	NA	233972.6
<i>Easting</i>	214911.2	214826.2	NA	NA	215306.0	NA	NA	NA	NA	NA	215865.0
<i>Hole Diam</i>	44.5 cm	44.5 cm	15.2	15.2 cm	15.2 cm	15.2 cm	2.64 m	2.64 m	2.64 m	2.64 m	2.64 m
<i>CWL Elev</i>	732.7	734.3									
<i>WL Date</i>	3/19/85	7/29/93									
<i>Zeol Elev</i>											
<i>Event Name</i>											
<i>QA Cat</i>	?	?	?	?	?	?	?	?	?	?	?
<i>Footnote</i>	24	25	26	27	28	29	30	31	32	33	34

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part F. Formation elevations in meters.

02/27/97

Strat Unit	Op	Qta	Qtc	Tybt	Tma	Tmab	Tmr	Tmrh/Ta	Tp	Tpc	Tpt	Tac	Tw	Twlb	Tws	Tc	Tn	To	Tgp	Tgw	Tlt	Pz		Hole Name	TD	Surf Elev	Yr Drilled	Northing	Eastng	Hole Diam	CWL Elev	WL Date	Zeol Elev	Event Name	QA Cat	Footnote
U SR 8c	np	NA																						U SR 8c	36.6	NA	87	233965.2	215862.2	2.64 m					?	
U SR 9u	np	NA																						U SR 9u	36.6	NA	86	233906.1	215825.3	3.0 m					?	
U SR 10u	np	NA																						U SR 10u	35.7	NA	86	233912.2	215830.2	3.0 m					?	
U SR 11u	np	NA																						U SR 11u	36.3	NA	88	NA	NA	3.0 m					?	
U SR 12u	np	NA																						U SR 12u	36.3	NA	88	NA	NA	3.0 m					?	
RCRA#1	np	NA																						RCRA#1	36.6	NA	86	232840.2	210175.6	10.2 cm					?	
TH5#4	np	1037.8		np	np	np	np	np	np	np	np	np	998.2											TH5#4	52.4	985.4	50	223967.2	210350.2	?					?	
TH5#5	np	985.4		np	np	np	np	np	np	np	np	np	944.6											TH5#5	140.5	988.2	50	234696.8	216408.4	15.2 cm					E	
U 5GCDT1	np	988.2																						U 5GCDT1	36.3	988.2	81	233550.7	216206.3	66.0 cm					?	
TH5#1	np	NA																						TH5#1	18.3	NA	81	NA	22.2 cm	22.2 cm					?	
TH5#1A	np	NA																						TH5#1A	36.6	NA	81	NA	22.2 cm	22.2 cm					?	

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part F. Formation elevations in meters.

02/27/97

<i>Strat Unit</i>	<i>TH5#2</i>	<i>UE5PW-1</i>	<i>UE5PW-2</i>	<i>UE5PW-3</i>	<i>SB5 AP1</i>	<i>SB5 AP2</i>	<i>SB5 RP1</i>	<i>SB5 RP2</i>	<i>SB5 NN1</i>	<i>SB5 NE1</i>	<i>SB5 NW1</i>
<i>Qp</i>	np	np	np	np	np	np	np	np	np	np	np
<i>QTa</i>	NA	969.3	990.0	1005.2	975.2	975.1	966.6	965.9	976.9	974.3	968.6
<i>QTc</i>		np	np	np							
<i>Tybf</i>		np	np	np							
<i>Tma</i>				817.2							
<i>Tmab</i>				725.7							
<i>Tmr</i>				714.1							
<i>Tmrh/Ta</i>											
<i>Tp</i>											
<i>Tpc</i>											
<i>Tpt</i>											
<i>Tac</i>											
<i>Tw</i>											
<i>Twlb</i>											
<i>Tws</i>											
<i>Tc</i>											
<i>Tn</i>											
<i>To</i>											
<i>Tgp</i>											
<i>Tgw</i>											
<i>Tlt</i>											
<i>Pz</i>											
<i>Hole Name</i>	<i>TH5#2</i>	<i>UE5PW-1</i>	<i>UE5PW-2</i>	<i>UE5PW-3</i>	<i>SB5 AP1</i>	<i>SB5 AP2</i>	<i>SB5 RP1</i>	<i>SB5 RP2</i>	<i>SB5 NN1</i>	<i>SB5 NE1</i>	<i>SB5 NW1</i>
<i>TD</i>	26.2	255.7	280.3	291.1	83.8	83.8	45.7	45.7	61.0	61.0	61.0
<i>Surf Elev</i>	NA	969.3	990.0	1005.2	975.2	975.1	966.6	965.9	976.9	974.3	968.6
<i>Yr Drilled</i>	81	92	92	92	93	93	93	93	93	93	93
<i>Northing</i>	233712.3	233386.4	234817.2	235090.0	233911.3	233906.7	233415.7	233430.7	234173.0	233854.3	233691.7
<i>Easting</i>	216236.2	216357.1	216376.1	214415.0	216246.5	216246.5	215829.7	215798.3	215943.4	216237.0	215487.4
<i>Hole Diam</i>	91.4 cm	24.8 cm	24.8 cm	24.8 cm	18.7 cm	18.7 cm	18.7 cm	18.7 cm	18.7 cm	18.7 cm	18.7 cm
<i>CWL Elev</i>		734.3	734.0	734.0							
<i>WL Date</i>		4/6/93	4/6/93	4/6/93							
<i>Zeol Elev</i>											
<i>Event Name</i>											
<i>QA Cat</i>	?	B	B	B	B	B	B	B	B	B	B
<i>Footnote</i>	47	48	49	50	51	52	53	54	55	56	57

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part F. Formation elevations in meters.

02/27/97

Stat Unit	SBS NS1	WW6-4	WW6-4A	UE11a	U 11b	UE11b	U 11c	U 11c#1	U 11d
Qp	np	np	np	np	np	np	np	np	np
Qta	966.6	1098.2	1099.1	1081.1	1093.0	1093.0	1030.5	1030.2	NA
Qtc		nd	nd	np	np	np	832.4	823	
Tybf		np	np	np	np	np	np	np	
Tma		939.7	865	913.5	np	np	545.6	545.6	
Tmab		nd	802.5	nd	np	np			
Tmr		872.7	799.5	806.8	1035.1	1035.1			
Tmrh/Ta		729.4	700.4		901.0	901.0			
Tp		nd	nd		794.9	794.9			
Tpc		nd	nd		nd	nd			
Tpt		717.2	694.3		782.1	782.1			
Tac		689.8	656.2		715.1	715.1			
Tw									
Twlb									
Tws									
Tc									
Tn									
To									
Tgp									
Tgw									
Tlt									
Pz									
Hole Name	SBS NS1	WW6-4	WW6-4A	UE11a	U 11b	UE11b	U 11c	U 11c#1	U 11d
TD	61	450.8	462.1	426.7	298.7	397.2	559.3	566.9	12.2
Surf Elev	966.6	1098.2	1099.1	1081.1	1093.0	1093.0	1030.5	1030.2	NA
Yr Drilled	93	81	90	65	66	65	66	66	66
Northing	233415.7	239268.5	239070.4	236869.7	237378.7	237378.7	236249.1	236249.1	236249.1
Easting	215829.7	209672.3	209367.5	215884.2	217101.8	217109.5	217367.6	217398.1	216758.0
Hole Diam	18.7 cm	50.8 cm	52.1 cm	25.1 cm	2.1x4.0 m	22.2 cm	2.18 m	25.1 cm	3.0 m
CWL Elev		843.7	842.5	736.4		743.7			
WL Date		6/19/95	2/27/96	7/29/93		12/6/85			
Zeol Elev			656.2			699.8			
Event Name					PIN STRIP		NEW PT		
QA Cat	B	B	B	C	C	C	C	C	?
Footnote	58								68

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.

Part F. Formation elevations in meters.

02/27/97

<i>Strat Unit</i>	<i>U 11e</i>	<i>U 11f</i>	<i>U 11g</i>	<i>U 11g#1</i>	<i>U 11gEx1</i>		<i>TW F</i>		<i>WW 1</i>	<i>HTH#3</i>
<i>Qp</i>	np	np	np	np	np		np		np	np
<i>QTa</i>	1031.8	1034.2	1037.8	1037.8	1037.8		np		944.9	1059.8
<i>QTc</i>	np	np	864.1	851.9	855		np		np	np
<i>Tybf</i>		np	np	np	np		np			np
<i>Tma</i>					np		np			np
<i>Tmab</i>					np		np			np
<i>Tmr</i>					696.5		np			np
<i>Tmrh/Ta</i>							np			np
<i>Tp</i>							np			np
<i>Tpc</i>							np			np
<i>Tpt</i>							np			np
<i>Tac</i>							np			np
<i>Tw</i>							1262.8			np
<i>Twlb</i>							nd			np
<i>Tws</i>							924.5			np
<i>Tc</i>							811.1			np
<i>Tn</i>							nd			np
<i>To</i>							nd			np
<i>Tgp</i>							742.2			np
<i>Tgw</i>							nd			np
<i>Tlt</i>							nd			np
<i>Pz</i>							306.6			1011.9
<i>Hole Name</i>	<i>U 11e</i>	<i>U 11f</i>	<i>U 11g</i>	<i>U 11g#1</i>	<i>U 11gEx1</i>		<i>TW F</i>		<i>WW 1</i>	<i>HTH#3</i>
<i>TD</i>	254.5	277.4	277.4	262.1	352.0		1036.3		265.2	566.9
<i>Surf Elev</i>	1031.8	1034.2	1037.8	1037.8	1037.8		1262.8		944.9	1059.8
<i>Yr Drilled</i>	66	68	68	70	71		62		50	62
<i>Northing</i>	236249.1	236250.9	236470.1	236469.5	236451.8		223069.2		229060.4	228658.1
<i>Easting</i>	217977.2	218206.7	217651.7	217646.2	217642.9		201519.8		220477.2	224618.8
<i>Hole Diam</i>	2.18 m	2.18 m	2.18 m	31.1 cm	25.1 cm		19.0 cm		?	19.0 cm
<i>CWL Elev</i>					736.7		506.9		727.3	336.8
<i>WL Date</i>					?		6/29/95		12/17/50	6/7/90
<i>Zeol Elev</i>										
<i>Event Name</i>	DIANA MO	MIN STK	DIAG LINE							
<i>QA Cat</i>	C	C	C	C	C		D		D	D
<i>Footnote</i>	69	70	71	72	73		74		41	75

See Tables 2, 3, 4 and 5 for explanation of symbols and nomenclature.