

Inventory of Drilling Activities of the U. S. Geological Survey
in the United States during Fiscal Year 1980

Compiled by

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U. S. Geological Survey
345 Middlefield Road
Menlo Park, California 94025

U. S. Geological Survey
Open-File Report
82-876

This report is preliminary and has not been
reviewed for conformity with U. S. Geological Survey
editorial standards and stratigraphic nomenclature

INTRODUCTORY NOTE: This is the second inventory of U. S. Geological Survey drilling activities and separately lists individual holes and groups of holes drilled for the Director's Office (National Petroleum Reserve in Alaska), the Geologic Division (given by Office and Branch), and the Water Resources Division (given by Office). Holes less than 100 feet deep are omitted from the listing.

The first inventory was Open-File Report 79-1567, "Inventory of Drilling Activities of the U. S. Geological Survey in the United States, Fiscal Years 1979-1980" compiled in 1979 by L. J. Patrick Muffler and Carol Lynn Hofeling. It lists wells drilled in 1979 and those planned for drilling in 1980.

Director's Office, National Petroleum Reserve - Alaska

Contact: Robert D. Carter Telephone: (415) 323-8111
 US Geological Survey, MS-87 FTS 467-2136
 345 Middlefield Road
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Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
E. Simpson TM-2	abandoned	7,505	8.5	AK	70°58'43"	154°40'26"	1/29/80	3/15/80	petroleum	Cretaceous, Jurassic, Triassic, Mississippian, and pre-Devonian	core, cuttings; electrical, mud, acoustic, gamma, density, and velocity logs
Ikpikpuk TM-1	abandoned	15,481	5.875	AK	70°27'20"	154°19'53"	11/28/78	2/ 8/80	petroleum	Cretaceous, Jurassic, Triassic, Permian, Pennsylvanian, Mississippian, and pre-Devonian	same as above
Lisburne TM-1	abandoned	17,000	6.25	AK	68°29'05"	155°41'36"	6/11/79	6/ 2/80	petroleum	Cretaceous, Jurassic, Triassic, Permian, and Mississippian	same as above
Seabee TM-1	abandoned	15,611	6.25	AK	69°22'49"	152°10'31"	7/ 1/79	4/15/80	petroleum	Cretaceous	same as above
Tunatik TM-1	abandoned	20,335	6.25	AK	70°12'21"	161°04'09"	11/10/78	1/ 7/80	petroleum	Cretaceous, Jurassic, Permian, and Pennsylvanian	same as above
W. Dease TM-1	abandoned	4,170	8.5	AK	71°09'33"	155°37'45"	2/19/80	3/46/80	petroleum	Cretaceous, Jurassic, Triassic, and pre-Devonian	same as above
Mulakpa TM-1	abandoned	3,666	5.875	AK	71°05'58"	156°53'04"	12/25/79	2/ 7/80	petroleum	same as above	same as above
S. Barrow 20	abandoned	2,356	5.625	AK	71°13'57"	156°20'12"	4/ 7/80	5/10/80	petroleum	same as above	same as above

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Division: Geologic Office: Earthquake Studies Branch: Earthquake Tectonics Contact: John D. Sims Telephone: (415) 323-8111
 US Geological Survey, MS-77 FTS 467-2252
 345 Middlefield Road
 Menlo Park, CA 94025

Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
CL-80-1	abandoned	608	4	CA	Lake	39.08°	122.85°	7/ 5/80	8/15/80	earthquake	lacustrine mud	core; electric and gamma logs
CL-80-2	abandoned	588	4	CA	Lake	39.07°	122.82°	8/22/80	8/31/80	same as above	same as above	same as above

Division: Geologic Office: Earthquake Studies Branch: Ground Motion and Faulting Contact: William B. Joyner Telephone: (415) 323-8111
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Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Gillroy Array Station 2	capped	640	4	CA	Santa Clara	36.98°	121.56°	10/79	11/79	earthquake	alluvium and Franciscan	P and S velocity and sample descriptions

Division: Geologic Office: Earthquake Studies Branch: Ground Motion and Faulting Contact: James F. Gibbs Telephone: (415) 323-8111
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Individual Drillingholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Gillroy 1	capped	100	4.875	CA	Santa Clara	36.98°	121.56°	11/79	11/79	earthquake	Franciscan	S and P velocity and geologic logs
Gillroy 6	capped	100	4.875	CA	Santa Clara	36.98°	121.56°	11/79	11/79	same as above	same as above	same as above
Gillroy 3	plugged	200	4.875	CA	Santa Clara	36.98°	121.56°	11/79	11/79	same as above	alluvium	same as above
Gillroy 4	capped	100	4.875	CA	Santa Clara	36.98°	121.56°	11/79	11/79	same as above	same as above	same as above

Division: Geologic Office: Earthquake Studies Branch: Tectonophysics Contact: John C. Roller Telephone: (415) 323-8111
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Groups of Drillingholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Crystalline	1	open	2850	7	CA	Los Angeles	33.30°	117.30°	3/20/80	4/18/80	earthquake	granite	sonic and caliper logs, borehole televiwer, and hydrofracture data
Limekill	4	open	650	5	CA	San Benito	37°40'	121°15'	11/79	1/80	earthquake and heat flow studies	granite	sonic, caliper, heat flow, deviation, gamma, and self potential logs, bore hole televiwer, and hydrofracture data

Division: Geologic Office: Earthquake Studies Branch: Tectonophysics Contact: Malcolm J. Johnston Telephone: (415) 323-8111
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Groups of Drillingholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
FRP	2	capped	600	5.675	CA	San Benito	36.75°	121.45°	1/26/80	3/7/80	earthquake	granite	core

Division: Geologic Office: Earthquake Studies Branch: Tectonophysics Contact: Thomas H. Moses, Jr. Telephone: (415) 323-8111
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Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
LITM	2	capped	600	1.38	CA	Riverside	33.8°	114.9°	4/10/80	4/14/80	heat flow	granite	temperature and gamma logs; cuttings
Lassen KGRA	8	capped	500	1.38	CA	Shasta, Lassen, and Plumas	40.2°	121.5°	10/79	11/79	heat flow	intrusive rocks	same as above
Mono Lake KGRA	9	capped	300	4.75	CA	Mono	38.0°	119.1°	10/80	10/80	heat flow	volcanic rocks	temperature log and cuttings

Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
PYMS	capped	600	1.38	CA	Imperial	33.2°	114.9°	5/13/80	5/15/80	same as above	same as above	same as above
RIVM	capped	600	1.38	CA	Riverside	34.1°	114.7°	4/9/80	4/10/80	same as above	same as above	same as above
BIGM	capped	390	1.38	CA	Riverside	33.7°	114.5°	4/9/80	4/10/80	same as above	same as above	same as above
DSRT	capped	600	1.38	CA	Riverside	33.7°	115.4°	4/24/80	4/27/80	same as above	same as above	same as above
GRHM	capped	600	1.38	CA	Riverside	33.4°	115.1°	4/22/80	4/24/80	same as above	same as above	same as above
MULM	capped	600	1.38	CA	Riverside	33.5°	114.8°	4/15/80	4/22/80	same as above	same as above	same as above
CRGO	capped	590	6.5	CA	Imperial	32.9°	114.7°	6/10/80	7/14/80	same as above	same as above	same as above
SHAS	capped	700	1.38	CA	Stiskiyou	41.5°	122.3°	11/19/80	12/1/80	same as above	volcanic rocks	same as above
BLP	plugged	100	5.5	CA	Mono	38.0°	119.0°	10/1/80	10/1/80	same as above	volcanic rocks and granite	none
BKWA	capped	475	1.38	CA	Plumas	39.8°	120.1°	12/5/80	12/10/80	same as above	same as above	gamma, neutron, self-potential, KUT, temperature, and resistivity logs; cuttings
SUPR	capped	540	1.38	CA	Imperial	32.9°	115.8°	6/14/80	6/18/80	same as above	same as above	cuttings and temperature log
BEAL	capped	780	1.38	CA	Imperial	33.3°	115.3°	6/23/80	6/26/80	same as above	same as above	same as above
GS LN	capped	781	1.38	CA	Riverside	33.5°	115.5°	7/7/80	7/11/80	same as above	same as above	same as above
HOTS	capped	763	1.38	CA	Riverside	33.5°	115.7°	6/26/80	7/7/80	same as above	same as above	same as above
CHIR	capped	586	1.38	CA	Riverside	33.7°	115.7°	7/11/80	7/16/80	same as above	same as above	same as above
MDLD	capped	530	1.38	CA	Yolo	38.7°	121.8°	3/19/80	3/21/80	same as above	sediments	same as above

Division: Geologic Office: Energy Resources Branch: Chemical Resources Contact: James B. Cathcart
 USGS, MS 912, Bldg. 25 Telephone: (303) 234-2881
 Denver Federal Center Denver, CO 80225

Individual Drillholes

Hole Designation	Status	Depth ft.	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Ocala NF 1	plugged	179	4	FL	Lake	29°03'30"	81°30'30"	9/19/80	9/23/80	minerals evaluation	Miocene Hawthorn Formation, sand	core
Ocala NF 2	plugged	121	4	FL	Lake	29°05'30"	81°33'15"	9/24/80	9/25/80	same as above	same as above	core
Ocala NF 4	plugged	135	4	FL	Marion	29°06'30"	81°39'30"	9/30/80	9/30/80	same as above	same as above	core
Ocala NF 5	plugged	135	4	FL	Marion	29°13'30'	81°43'30"	10/ 2/80	10/ 2/80	same as above	same as above	core
Ocala NF 6	plugged	116	4	FL	Marion	29°28'30"	81°44'00"	10/26/80	10/26/80	same as above	same as above	core

Division: Geologic Office: Energy Resources Branch: Coal Resources Contact: Edwin R. Landis
 US Geological Survey, MS 972 Telephone: (303) 234-3578
 Denver Federal Center Denver, CO 80225

Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Arvada-Ucross	18	unknown	900		WY	Campbell, Johnson, Sheridan	44°35' N	106°30' W	7/ 1/80	8/15/80	coal evaluation	Mastich and Fort Union Formations	core: caliper, density, gamma, and resistivity logs
Powder River	11	unknown	500		WY	Sheridan, Powder River	44°50' N	106°15' W	6/15/80	8/ 9/80	same as above	same as above	same as above
Birney	12	unknown	700	5.125	MT	Powder River	45°15' N	106°30' W	8/10/80	9/20/80	same as above	Fort Union Formation	same as above
Moorhead Broadus	20	unknown	600	5.125	MT	Powder River	45°15' N	105°45' W	8/ 3/80	9/30/80	same as above	same as above	same as above
Fort Peck Indian Reservation	30	unknown	400		MT	Sheridan, Roosevelt, Daniels	48°30' N	105°00' W	9/ 1/80	9/30/80	same as above	same as above	same as above
Blackfeet Indian Reservation	8	unknown	250		MT	Glacier, Pondera	48°30' N	112°30' W	8/ 1/80	8/20/80	same as above	Two Medicine Formation	same as above
Douglas Pass	1	open	750	5.125	CO	Mesa	39°20' N	108°50' W	5/25/80	5/28/80	same as above	Mesaverde Group	same as above
Emery	13	plugged	400	5.125	UT	Emery	38°45' N	111°15' W	4/ 7/80	5/23/80	same as above	Ferron Sandstone Member of Mancos Shale	same as above
Fence Lake	9	unknown	600		NM	Valencia	34°30' N	108°45' W	7/ 1/80	7/30/80	same as above	Moreno Hill Formation	same as above
Goose Creek	9	unknown	350		ID	Cassia	42°05' N	114°00' W	7/20/80	8/15/80	same as above	Jenny Creek Formation	same as above
Hanna-Rock Creek	23	unknown	460	5.125	WY	Albany, Carbon	41°35' N	106°10' W	6/15/80	8/ 2/80	same as above	Hanna and Ferris Formations	same as above
Navajo Contract	10	unknown	550		NM	San Juan	36°30' N	108°15' W	9/ 1/80	9/30/80	same as above	Fruitland Formation	same as above
Navajo Inhouse	3	plugged	540	5.125	NM	San Juan	36°30' N	108°15' W	4/21/80	5/ 5/80	same as above	same as above	same as above

Division: Geologic

Office: Marine Geology

Branch: Atlantic - Gulf Geology

Contact: Gerald L. Shedeler
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FTS 734-3294

Individual Drillingholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
A	plugged	200	3.25	TX	Nueces	27°42'	97°19'	4/7/80	4/13/80	stratigraphic correlation	Holocene and Pleistocene sand and mud	cores; electric and gamma logs
B	plugged	201	3.25	TX	Nueces	27°40'	97°16'	3/17/80	3/24/80	same as above	same as above	same as above
D	plugged	203	3.25	TX	Nueces	27°40'	97°14'	4/1/80	4/3/80	same as above	same as above	same as above
EE	plugged	200	3.25	TX	Nueces	27°40'	97°11'	3/27/80	3/31/80	same as above	same as above	same as above
F	plugged	201	3.25	TX	Nueces	27°40'	97°10'	3/24/80	3/26/80	same as above	same as above	same as above

Division: Geologic

Office: Mineral Resources

Branch: Eastern Mineral Resources

Contact: Sam H. Patterson
USGS, 954 National Center
Reston, VA 22092

Telephone: (703) 860-6914
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Individual Drillingholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Osceola NF 7	plugged	204	4	FL	Baker	30°21'57"	82°21'45"	10/16/80	10/16/80	minerals evaluation	Miocene Hawthorn Formation, sand	core and cuttings
Osceola NF 8	plugged	135	4	FL	Baker	30°18'40"	82°27'20"	10/17/80	10/18/80	same as above	same as above	same as above
Osceola NF 9	plugged	143	4	FL	Baker	30°22'55"	82°27'28"	10/19/80	10/21/80	same as above	same as above	same as above
Apalachicola NF 10	plugged	108	4	FL	Liberty	30°05'50"	85°02'23"	10/23/80	10/23/80	same as above	Holocene to Pliocene marine sand and clay	core

Division: Geologic

Office: Mineral Resources

Branch: Eastern Mineral Resources

Contact: William F. Cannon
USGS, 954 National Center
Reston, VA 22092

Telephone: (703) 860-6914
FTS 928-6914

Groups of Drillingholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Lac du Flambeau	4	capped	600	2.5	WI	Iron	46°02'	89°56'	2/80	4/80	resource evaluation	volcanic rocks and sediments	data confidential
Mole Lake	6	capped	700	2.5	WI	Forest	45°30'	89°01'	2/80	4/80	same as above	same as above	same as above

Division: Geologic Office: Regional Geology Branch: Eastern Regional Geology Contact: Douglas M. Rankin Telephone: (703) 860-6404
USGS, 926A National Center FTS 928-6404
Reston, VA 22092

Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Bull Run Mountain	2	plugged	130	3	VA	Prince William	38°54'00"	77°37'40"	8/5/80	8/14/80	stratigraphic and seismic studies	Triassic conglomerate, sandstone, shale, and quartzite	core
Thoroughfare Gap	1	plugged	156	3	VA	Prince William	38°49'00"	77°42'00"	4/24/80	5/5/80	same as above	same as above	core
Staatsville	3	capped	500	3	SC	Dorchester	32°57'00"	80°12'30"	9/11/80	11/80	earthquake	unconsolidated Cenozoic sediments	cuttings
WF2; WF6; BG3	3	plugged	150	3	VA	Caroline	38°02'26"	77°27'57"	7/10/80	8/26/80	earthquake	unconsolidated Tertiary and Cretaceous sediments	core

Division: Geologic Office: Regional Geology Branch: Engineering Geology Contact: Donald R. Nichols Telephone: (303) 234-3721
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Denver, CO 80225

Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
IC-79	open	390	4	AK	Kenai	61°17'	151°45'	8/23/80	9/15/80	rock mechanics	coal-bearing sediments	geotechnical, gamma-gamma, natural gamma, temperature, caliper, and neutron logs

Division: Water Resources Office: Alabama District

Contact: Hillary H. Jeffcoat Telephone: (205) 752-8104
US Geological Survey FTS 229-2957
P.O. Box V University, AL 35486

Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
V-4	open	133		AL	Houston	31°01'	85°03'	4/23/80	4/23/80	water resources	limestone	electric log and cuttings

Division: Water Resources Office: Alaska District

Contact: Gordon L. Nelson
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1209 Orca Street
Anchorage, AK 99501

Telephone: (907) 271-4153

Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Capps Creek TM-2,3,4,5, and 6	5	capped	200	6	AK	Kenai	61°17'	151°45'	8/15/80	9/15/80	water resources	coal cyclothems	lithologic logs

Division: Water Resources Office: Arizona District

Contact: Kenneth J. Hallett
US Geological Survey
301 W. Congress FB-44
Tucson, AZ 85701

Telephone: (602) 792-6738
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Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
USGS Test 1	abandoned	755	5.5	AZ	Pima	32°02'35"	112°21'55"	3/14/80	4/14/80	arsenic test	basin fill	cuttings; gamma, electric, gamma-gamma, neutron, caliper and geologic logs
USGS Test 2	abandoned	802	6.75	AZ	Pima	32°06'57"	112°21'50"	4/18/80	5/21/80	same as above	same as above	same as above

Division: Water Resources Office: California District

Contact: Gilbert L. Bertoldi
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2800 Cottage Way
Sacramento, CA 95825

Telephone: (916) 484-4147
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Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Butte City	open	1450	8	CA	Glenn	39°27'30"	121°59'40"	8/79	11/79	water resources	Quaternary alluvium	cuttings; bottom and sidewall cores electric, gamma, neutron-density, temperature, and geologic logs; water quality
Nicolaus	open	1150	8	CA	Sutter	38°55'00"	121°36'30"	12/79	4/80	same as above	same as above	same as above

Division: Water Resources Office: California District

Contact: William F. Hardt
US Geological Survey
24000 Avila Road
Laguna Niguel, CA 92677
Telephone: (714) 831-4232
FTS 796-4232

Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Upper Coachella Valley	open	1030	12.75	CA	Riverside	33°53'39"	116°34'53"	10/79	1/80	water resources	Quaternary alluvium	electric, gamma, variable density, and caliper logs

Division: Water Resources Office: Central Regional Hydrologist

Contact: William R. Hotchkiss
US Geological Survey
301 So. Park Ave., Drawer 10076
Helena, MT 59626
Telephone: (406) 449-5263
FTS 585-5263

Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Hathaway	3	capped	1000	4	MT	Powder River	46°13'	106°09'	6/80	7/80	water resources	Fort Union, Hell Creek, and Fox Hills Formations	electric, density, gamma logs; and grab samples
North Hathaway	3	capped	1000	4	MT	Powder River	46°18'	106°14'	7/80	7/80	same as above	same as above	same as above
Maco 2NE	2	capped	1100	4	MT	Musselshell	46°24'	107°48'	7/80	7/80	same as above	Fox Hills Formation and Bearpaw Shale	same as above
Maco 2SE	2	capped	1160	4	MT	Yellowstone	46°16'	107°51'	7/80	8/80	same as above	same as above	same as above
Maco 2SEA	2	capped	1160	4	MT	Yellowstone	46°18'	107°47'	7/80	8/80	same as above	same as above	same as above
Fattig 3M	2	capped	1360	4	MT	Yellowstone	46°09'	107°24'	8/80	9/80	same as above	same as above	same as above
X Group	2	capped	1060	4	MT	Yellowstone	46°12'	107°47'	8/80	9/80	same as above	same as above	same as above
Y Group	2	capped	1175	4	MT	Yellowstone	46°09'	107°56'	8/80	9/80	same as above	same as above	same as above

Division: Water Resources Office: Florida District

Contact: Charles Tibbals
US Geological Survey
80 N. Hughey Ave., Suite 216
Orlando, FL 32801
Telephone: (305) 420-6191
FTS 820-6191

Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Green Swamp 1	open	2500	3.0	FL	Polk	28°11'	81°50'	12/79	8/80	water resources	Eocene: Ocala Limestone	cores, geophysical logs, hydraulic data, and water analyses

Division: Water Resources Office: Florida District

Contact: Eugene C. Hayes
USGS, Suite 106
4415 Beach Boulevard
Jacksonville, FL 32207

Telephone: (904) 791-2934
FTS 946-2934

Individual Drillingholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Hanna Park Test Well	open	2100	6	FL	Duval	30°21'46"	81°23'55"	9/80	10/80	water resources	sand, shell, limestone, and dolomite	electric, gamma, temperature, and caliper logs; cuttings; water samples and pressures

Division: Water Resources Office: Florida District

Contact: Alfred L. Knight
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Groups of Drillingholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Big Cypress Basin Wells	5	open	700	4	FL	Collier	26°22'	81°26'	9/80		water resources	sand, clay, and limestone	cuttings; gamma, electric, and neutron logs
FL-284	14	open	225	2	FL	Palm Beach			6/01/79	10/1/80	same as above	sand, sandstone, limestone	same as above
FL-324	10	open	250	2.5	FL	Broward			10/1/79	9/30/80	same as above	same as above	Drillers log

Division: Water Resources Office: Florida District

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Orlando, FL 32801

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Individual Drillingholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
SJRMWD well SW of DeLeon Spr.	open	155	4	FL	Volusia	29°07'08"	81°23'31"	4/80	5/80	water resources	sand, salt clay, and limestone	caliper, gamma, and electric logs
SJRMWD well W of Pierson	open	300	4	FL	Volusia	29°14'33"	81°28'41"	1/7/80	4/80	same as above	sand, clay, and limestone	caliper, gamma, temperature, and electric logs
TH-10	capped	400	3	FL	Osceola	27°58'52"	81°03'05"	3/6/80	3/8/80	same as above	Holocene, Miocene Floridan Aquifer	
TH-9	capped	400	3	FL	Osceola	28°16'30"	81°02'44"	2/20/80	2/22/80	same as above	same as above	

Division: Water Resources

Office: Georgia District

Contact: Rick Krause

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6481 Peachtree Indus. Blvd.
Doraville, GA 30360

Telephone: (404) 221-4858

FTS 221-4858

Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Waycross 1	open	1700	9.825	GA	Ware	31°07'	82°16'	7/80	11/80	regional aquifer study	Miocene and Eocene (Ocala Limestone)	cores, geophysical logs, hydraulic data, cuttings, and water analyses
Waycross 2	open	1700	9.875	GA	Ware	31°07'	82°16'	7/80	11/80	same as above	same as above	same as above

Division: Water Resources

Office: Georgia District

Contact: Harold E. Gill

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Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
DP1 and DP2	2	open	125	4	GA	Miller	31°10'09"	84°49'55"	12/31/79	1/14/80	water resources	limestone	cuttings
DP10 and DP11	2	open	355	6	GA	Mitchell	31°18'02"	84°19'24"	5/12/80	8/19/80	same as above	limestone and sand	cores, cuttings, electric and gamma logs
DP4 and DP5	2	open	272	4	GA	Decatur	31°04'28"	84°31'05"	1/15/80	2/12/80	same as above	same as above	cuttings
DP7 and DP8	2	open	234	4	GA	Worth	31°43'30"	84°00'54"	2/26/80	5/26/80	same as above	same as above	cuttings

Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
SEXTM 1	open	1562		GA	Burke	32°52'32"	82°13'15"	1/22/80	5/23/80	water resources	Paleocene, Cretaceous, and Tertiary sediments	cuttings, core; electric, gamma, caliper, gamma-gamma, neutron, and acoustic logs
Johnson City Firetower 1	open	1800		GA	Johnson	32°42'09"	82°43'02"	6/3/80		same as above	same as above	same as above
1-16 1	open	2500		GA	Lauren	33°30'	83°03'	6/30/80		same as above	same as above	same as above

Division: Water Resources

Office: Iowa District

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Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Northern Midwest RASA test	open	2400	10.	IA	Jackson	42°08'42"	90°16'57"	9/1/80	10/1/80	regional aquifer study		

Division: Water Resources Office: Kansas District

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University of Kansas
Lawrence, KS 66045

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FTS 752-2302

Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
"Equus beds" test	12	plugged	200	2	KS	Harvey	38°00'	97°30'	7/ 1/80	8/14/80	water resources	Alluvium	1ithologic and gamma-ray logs
Sedwick Reno McPherson													

Division: Water Resources Office: Kansas District

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Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
DLC and FGA 1	capped	2968	6.75	KS	Douglas	39°01'	95°28'30"	12/29/79	3/24/80	water resources	shale, limestone, dolomite, granite	BHC sonic, gamma ray-caliper, dual induced lateral logs; flow
Kansas Ord 1	capped	1816	6.75	KS	Labette	37°19'30"	95°12'30"	4/10/80	5/19/80	same as above	same as above	same as above
Watson 1	capped	2185	5.625	KS	Miami	38°28'	94°54'30"	12/ 1/79	12/15/79	same as above	same as above	same as above
Geis 1	capped	3665	6.75	KS	Saline	38°52'	97°34'30"	3/ 8/80	3/31/80	same as above	shale, limestone, dolomite	same as above

Division: Water Resources Office: Kentucky District

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Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Ohio River	4	open	100	1.5	KY	Jefferson	37°13'	85°45'	8/79	12/79	water resources	river alluvium	drillers log

Division: Water Resources

Office: Louisiana District

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Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Bf-214	capped	389	5.5	LA	Bienville	32°23'43"	93°21'15"	10/ 9/79	10/10/79	water resources	sand, clay, lignite	lithologic and electrical logs
Bf-215	capped	503	5.5	LA	Bienville	32°16'16"	93°18'42"	10/12/79	10/15/79	same as above	same as above	same as above
Bf-216	capped	500	4.5	LA	Bienville	32°21'19"	92°57'23"	12/ 3/79	12/ 7/79	same as above	sand and clay	same as above sand samples; lithologic and electrical logs
C1-151	capped	831	4.5	LA	Claiborne	32°49'08"	92°44'35"	12/ 6/79	12/13/79	same as above	same as above	cuttings, gamma-ray or electrical and lithologic log
Cu-1045	capped	650	4	LA	Calcasieu	30°18'29"	93°11'38"	10/ 8/79	10/12/79	same as above	same as above	same as above
Cu-1046	capped	734	4	LA	Calcasieu	30°17'11"	93°19'04"	12/10/79	12/20/79	same as above	same as above	same as above
Cu-1047	capped	187	4	LA	Calcasieu	30°17'11"	93°19'04"	10/22/79	10/24/79	same as above	same as above	same as above
Cu-1048	capped	672	4	LA	Calcasieu	30°14'10"	93°19'33"	11/12/79	11/16/79	same as above	same as above	same as above
DS-503	plugged	325	5.5	LA	De Soto	31°58'18"	93°57'52"	10/29/79	10/30/79	same as above	same as above	lithologic and electrical logs
DS-504	capped	330	5.5	LA	De Soto	32°01'18"	93°55'56"	10/31/79	10/31/79	same as above	same as above	same as above
DS-505	plugged	308	5.5	LA	De Soto	31°56'53"	93°57'13"	11/ 2/79	11/ 2/79	same as above	same as above	same as above
Na-477	plugged	410	5.5	LA	Natchitoches	32°01'16"	93°04'49"	10/22/79	10/23/79	same as above	same as above	same as above
RR-274	capped	473	5.5	LA	Red River	32°10'10"	93°14'39"	10/18/79	10/19/79	same as above	same as above	same as above
SL-380	capped	220	4	LA	St. Landry	30°25'51"	92°03'32"	5/28/80	5/28/80	same as above	sand and clay	cuttings, gamma-ray or electrical and lithologic log
SL-381	capped	200	4	LA	St. Landry	30°23'45"	92°03'28"	5/28/80	5/28/80	same as above	same as above	same as above
SL-382	capped	196	4	LA	St. Landry	30°23'42"	92°01'58"	5/29/80	5/30/80	same as above	same as above	same as above
SL-383	capped	155	4	LA	St. Landry	30°24'18"	92°01'10"	5/30/80	5/30/80	same as above	same as above	same as above
SL-391	capped	229	4	LA	St. Landry	30°24'57"	92°02'29"	6/10/80	6/10/80	same as above	same as above	same as above
SL-392	capped	183	4	LA	St. Landry	30°24'55"	92°03'20"	6/11/80	6/11/80	same as above	same as above	same as above
M-177	capped	1031	4.5	LA	Winn	31°53'38"	92°40'00"	10/29/79	11/ 6/79	same as above	same as above	sand samples; lithologic and electrical logs
M-178	capped	673	4.5	LA	Winn	32°00'40"	92°39'21"	11/12/79	11/26/79	same as above	same as above	same as above
M-179	capped	845	4.5	LA	Winn	31°59'48"	92°30'03"	11/26/79	11/30/79	same as above	same as above	same as above

Division: Water Resources Office: Montana District

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US Geological Survey 301 So. Park Ave., Drawer 10076
Helena, MT 59626 FTS 585-5263

Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Corral Creek	14	capped	400	4	MT	Big Horn	45°	106°	7/80	1/81	water resources	Fort Union Formation	gamma and geologic logs
Horse Creek	9	capped	400	4	MT	Big Horn	45°	106°	8/80	12/80	same as above	same as above	same as above
Little Bear Creek	18	capped	400	4	MT	Big Horn, Powder River	45°	106°	8/80	8/81	same as above	same as above	same as above
West Otter Creek	14	capped	400	4	MT	Rosebud, Powder River	45°	106°	7/80	12/80	same as above	same as above	same as above

Division: Water Resources Office: Nebraska District

Contact: Michael J. Ellis Telephone: (402) 471-5082
US Geological Survey Room 406 Federal Building FTS 541-5082
Lincoln, NE 68508

Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Pump Test Wells	2	capped	375	5.875	NE	Hayes	40°41'21" N	101°14'08" W	5/13/80	5/13/80	aquifer test	Miocene Ogallala Formation, sand, sandy gravel, and silt	gamma-ray, self-potential, single-point resistivity, and geologic logs; samples from 5-ft intervals

Division: Water Resources

Office: Nebraska District

Contact: Michael J. Ellis

US Geological Survey

Room 406 Federal Building

Lincoln, NE 68508

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Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
48 HP 79	plugged	320	4.875	NE	Rock	42°36'10"	99°27'47"	10/08/79	10/08/79	water resources	Pleistocene sand, Miocene Ogallala, and Oligocene Brule Formations	gamma-ray, self- potential, single- point resistivity, and geologic logs; samples from 5-ft intervals
49 HP 79	plugged	590	4.875	NE	Rock	42°28'33"	99°29'58"	10/10/79	10/10/79	same as above	same as above	same as above
50 HP 79	plugged	640	4.875	NE	Rock	42°15'38"	99°28'07"	10/11/79	10/11/79	same as above	same as above	same as above
51 HP 79	plugged	640	4.875	NE	Rock	42°05'34"	99°27'31"	10/12/79	10/12/79	same as above	same as above	same as above
52 HP 79	plugged	260	4.875	NE	Holt	42°39'56"	99°12'41"	10/13/79	10/13/79	same as above	same as above	same as above
53 HP 79	plugged	410	4.875	NE	Holt	42°30'23"	99°12'18"	10/15/79	10/15/79	same as above	same as above	same as above
54 HP 79	plugged	620	4.875	NE	Holt	42°17'54"	99°08'21"	10/16/79	10/16/79	same as above	same as above	same as above
55 HP 79	plugged	760	4.875	NE	Holt	42°08'43"	99°10'42"	10/17/79	10/22/79	same as above	same as above	same as above
56 HP 79	plugged	620	4.875	NE	Loup	41°56'00"	99°25'50"	10/24/79	10/24/79	same as above	same as above	same as above
57 HP 79	plugged	700	4.875	NE	Loup	42°00'22"	99°19'54"	10/25/79	10/25/79	same as above	same as above	same as above
58 HP 79	plugged	640	4.875	NE	Loup	41°51'26"	99°20'12"	10/26/79	10/26/79	same as above	same as above	same as above
59 HP 79	plugged	680	4.875	NE	Loup	41°49'43"	99°33'39"	10/28/79	10/28/79	same as above	same as above	same as above
60 HP 79	plugged	500	4.875	NE	Lincoln	41°18'26"	100°50'58"	11/01/79	11/01/79	same as above	same as above	same as above
61 HP 79	plugged	300	4.875	NE	Lincoln	41°13'17"	100°53'48"	11/02/79	11/02/79	same as above	same as above	same as above
62 HP 79	plugged	780	4.875	NE	Lincoln	41°19'22"	100°39'20"	11/06/79	11/06/79	same as above	same as above	same as above
63 HP 79	plugged	600	4.875	NE	Lincoln	41°11'03"	100°32'08"	11/08/79	11/08/79	same as above	same as above	same as above
64 HP 79	plugged	700	4.875	NE	Lincoln	41°13'59"	100°22'48"	11/13/79	11/13/79	same as above	same as above	same as above
65 HP 79	plugged	480	5.375	NE	Lincoln	41°02'24"	100°20'45"	11/14/79	11/14/79	same as above	same as above	same as above
66 HP 79	plugged	700	4.875	NE	Custer	41°09'08"	100°08'17"	11/15/79	11/15/79	same as above	same as above	same as above
67 HP 79	plugged	700	4.875	NE	Custer	41°20'08"	100°09'28"	11/16/79	11/16/79	same as above	same as above	same as above
68 HP 79	plugged	740	4.875	NE	Logan	41°26'10"	100°22'16"	11/17/79	11/17/79	same as above	same as above	same as above
69 HP 79	plugged	430	4.875	NE	Cherry	42°11'49"	100°14'28"	3/25/80	3/25/80	same as above	same as above	same as above
70 HP 79	plugged	630	4.875	NE	Cherry	42°23'08"	100°13'17"	3/27/80	3/27/80	same as above	same as above	same as above
71 HP 79	plugged	620	4.875	NE	Brown	42°13'29"	100°05'19"	4/08/80	4/08/80	same as above	same as above	same as above
72 HP 79	plugged	660	4.875	NE	Cherry	42°15'23"	100°17'35"	4/09/80	4/09/80	same as above	same as above	same as above
73 HP 79	plugged	720	5.625	NE	Cherry	42°03'56"	100°15'27"	4/10/80	4/10/80	same as above	same as above	same as above
74 HP 79	plugged	760	4.875	NE	Blaine	41°58'02"	99°58'30"	4/15/80	4/15/80	same as above	same as above	same as above
75 HP 79	plugged	720	4.875	NE	Blaine	41°46'00"	100°00'34"	4/16/80	4/16/80	same as above	same as above	same as above
76 HP 79	plugged	700	4.875	NE	Custer	41°36'36"	100°12'10"	4/17/80	4/17/80	same as above	same as above	same as above
77 HP 79	plugged	740	4.875	NE	Custer	41°27'18"	100°47'47"	4/18/80	4/18/80	same as above	same as above	same as above
78 HP 79	plugged	400	4.875	NE	Cherry	42°40'14"	100°50'44"	4/21/80	4/21/80	same as above	same as above	same as above

Division: Water Resources Office: Nevada District

Contact: James R. Harrill

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Carson City, NV 89701

Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Black Rock Desert	10	open	300	4	NV	Humboldt	41°00'	119°00'	7/80	8/80	geothermal studies valley fill		temperature and drillers logs; water level

Division: Water Resources Office: North Dakota District

Contact: Orlo A. Crosby

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Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Group 1	14	open	200	5	ND	Logan	46°30'	99°30'	4/80	5/80	water resources	glacial drift	Gamma, resistivity and self potential logs
Group 2	28	open	100	5	ND	Logan	46°30'	99°30'	10/79	10/79	same as above	same as above	same as above
Group 3	15	open	260	5	ND	Stark	47°	103°	8/80	8/80	same as above	Fort Union Formation	neutron, gamma, density, self potential, and resistivity
Group 4	2	open	1800	5	ND	McKenzie	48°	103°30'	7/80	8/80	same as above	Sentinel Butte Member of Fort Union Formation, Pierre Shale	same as above
Group 5	70	open	200	5	ND	Bottineau	49°	100°	6/80	8/80	same as above	glacial drift	resistivity and self potential logs
Group 6	50	open	275	5	ND	Towner	49°	99°	8/80	9/80	same as above	same as above	same as above
Group 7	30	open	300	5	ND	Cass	47°	97°30'	6/80	7/80	same as above	same as above	same as above

Division: Water Resources Office: Southeastern Regional Hydrologist

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Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Chowtaw	abandoned	2,000	4.0	AL	Chowtaw			5/10/80	8/23/80	Regional aquifer study	pre-Tower Eocene	

Division: Water Resources Office: South Dakota District

Contact: Harvey L. Case, III Telephone: (605) 342-6812
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Room 237, Federal Building
Rapid City, SD 57701

Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat.	Long.	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
Group	15	open	500	5	SD	Bennett, Shannon, Todd, and Washbaugh			9/1/80	10/15/80	water resources	Ogallala Formation and Arikaree Group	electric, gamma, lithologic, and drillers logs

Division: Water Resources Office: Tennessee District

Contact: David A. Webster Telephone: (615) 637-9300
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1013 North Broadway
Knoxville, TN 37917

Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat.	Long.	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
ORNL BG5	9	open	100	5	TN	Roane	35°55' N	84°19' W	7/80	9/80	permeability studies	shale	caliper, gamma-ray, neutron-porosity, and gamma-density logs; televiewer; and partial core

Division: Water Resources Office: Tennessee District

Contact: William S. Parks Telephone: (901) 251-3229
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Room 204, Federal Office
Memphis, TN 38103

Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat.	Long.	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
TN-47	4	open	400	6	TN	Lauderdale	35°45' N	89°30' W	8/80	9/80	water resources	sand and clay	Resistance, gamma-ray, gamma-density and neutron-density logs

Division: Water Resources Office: Tennessee District

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Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
FV-6 through FV-12	7	capped or abandon	150	6	TN	Williamson	35°59'	87°07'	10/79	2/80	water resources	regolith overlying Warsaw Limestone and Fort Payne Formation	gamma, caliper, and geologic logs cuttings; some temperature and conductivity logs
DK-4 through DK-18	15	same	250	6	TN	Dickson	36°04'	87°23'	7/80	9/80	same as above	regolith overlying Warsaw Limestone, St. Louis Limestone, and Fort Payne Formation	same as above

Division: Water Resources Office: Utah District

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Groups of Drillholes

Group Designation	Number of Holes	Status	Average Depth	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
San Rafael Swell	4	plugged	500	4.5	UT	Emery	39°	110°45'	6/20/80	7/20/80	water resources	Entrada Sandstone, Carmel Formation, and Navajo Sandstone	analysts; gamma-ray, geologic, temperature, SP, and single-point resistivity logs

Division: Water Resources Office: Western Regional Hydrologist

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Individual Drillholes

Hole Designation	Status	Depth ft	Diam. in	State	County	Lat. N	Long. W	Drilling Start	Dates End	Principal Objectives	General Stratigraphy	Information Recovered
1S/9E-26aba	capped	720	8	OR	Hood River	45.460°	121.633°	7/80	8/80	Hydrology, and heat flow, and geothermal studies	volcanic debris	cuttings; gamma and temperature logs
3S/9E-16cad	capped	1002	6	OR	Hood River	45.306°	121.676°	10/79	11/79	same as above	same as above	same as above
4S/9E-3cca	capped	1165	8	OR	Hood River	45.333°	121.660°	10/80	10/80	same as above	andesite and volcanic debris	same as above
1S/9E-31aca	capped	1020	8	OR	Hood River	45.442°	121.716°	8/80	9/80	same as above	same as above	cuttings; gamma, electrical, and temperature logs
2S/8E-1cdd	capped	2000	8	OR	Hood River	45.419°	121.768°	10/79	7/80	same as above	andesite flows	same as above
3S/9E-30adb	capped	965	8	OR	Clackamas	45.282°	121.710°	8/79	10/79	same as above	debris and andesite	same as above
3S/9E-7dbb	capped	4003	6	OR	Clackamas	45.322°	121.713°	8/79	10/80	same as above	andesite and volcanic debris	cuttings; and acoustic, gamma, density, porosity, electrical, and temperature logs