HYDROLOGIC DATA FOR BLOCK ISLAND, RHODE ISLAND

By Emily Burns

U.S. GEOLOGICAL SURVEY
Open-File Report 92-155

Prepared in cooperation with the

TOWN OF NEW SHOREHAM, RHODE ISLAND

Providence, Rhode Island
1993

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CONTENTS

ILLUSTRATIONS

TABLES

CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
	Length	
inch (in.)	25.4	millimeter
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
	Area	
square mile (mi^2)	2.590	square kilometer
	Volume	
gallon (gal)	3.785	liter
	Flow	
gallon per minute (gal/min)	0.06308	liter per second

Temperature

Temperature in degrees Celsius (^oC) can be converted to degrees Fahrenheit (^oF) as follows:

$$^oF = 1.8(^oC) + 32$$

Sea level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929--a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada. Formerly called Sea Level Datum of 1929.

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ABSTRACT

This report was compiled as part of a study to assess the hydrogeology and the quality and quantity of fresh ground water on Block Island, Rhode Island. Hydrologic data were collected on Block Island during 1988-91. The data are presented in illustrations and tables. Data collected include precipitation, surface-water, ground-water, lithologic, and well-construction and discharge information. Precipitation data include total monthly precipitation values from 11 rain gages and water-quality analyses of 14 precipitation samples from one station. Surface-water data include water-level measurements at 12 ponds, water-quality data for five ponds, and field specific-conductance measurements at 56 surface-water sites (streams, ponds, and springs). Ground-water data include water-level measurements at 159 wells, water-quality data at 150 wells, and field specific-conductance data at 52 wells. Lithologic logs for 375 wells and test borings, and construction and location data for 570 wells,

springs, and test borings are included. In addition, the data set contains data on water quality of water samples, collected by the Rhode Island Department of Health during 1976-91, from Fresh and Sands Ponds and from wells at the Block Island Water Company well field north of Sands Pond.

INTRODUCTION

The data in this report are published to assist State and local water-resources planners in managing water use on Block Island. The data were collected during 1988-91 by the U.S. Geological Survey (USGS) as part of a cooperative study with the Town of New Shoreham (Block Island), Rhode Island. The purpose of the study was to assess the hydrogeology and the quality and quantity of fresh ground water on Block Island.

Block Island is about 10 mi south of the Rhode Island coast. It is approximately 3.5 mi wide, 7 mi long, and 11 mi^2 in area. The island is composed of unconsolidated Pleistocene glacial and glaciofluvial deposits. Included in these deposits are blocks of older Cretaceous sediments (Kaye, 1960). All these deposits supply ground water to wells. Most residents have private water wells. The principle water supply of the town is Sands Pond in the central part of the island; an adjoining well field is used as a backup supply.

Purpose and Scope

This report provides data on (1) well location and construction, (2) the lithology of the island's sediments, (3) water levels in wells and ponds on the island, and (4) the amount of and the water quality of the island's precipitation, surface water, and ground water. It also describes the methods used to obtain these data.

Acknowledgements

The author wishes to thank all the property owners on Block Island who granted permission for mapping, water sampling, test drilling, and water-level measurements on their property. Special thanks are due to Barbara Burak for assisting in the matching of several hundred driller's well records with town plat and lot numbers. Well drillers W. Gordon Goold and Rick Batchelder provided the USGS with lithologic logs and construction data from several hundred wells and shared their considerable knowledge of the island's ground-water resources. Henry Dupont and Robert Downie of the Block Island Water Company provided information on the town water supply and permitted field work at the water company well field. Laura Thompson, formerly of the University of Rhode Island, was very helpful in assisting with digitizing well and lot information. Norman Dahl, chairperson of the Water Resources Committee for the Town of New Shoreham, collected precipitation data and coordinated the collection of precipitation data by Elizabeth Breuer, Barbara Burak,

Joseph Connolly, Ralph Derby, John Hobe, Henry Lemoine, Pam Littlefield, Sue Littlefield, Doug Michel, and Joan Salzberg.

DESCRIPTION OF HYDROLOGIC DATA

This report contains data on the location, construction, water level, and yield for 570 selected wells, springs and test borings (table 1); lithologic logs of 375 of the wells and test borings (table 2); monthly precipitation records from 11 precipitation-gaging stations (table 3); periodic water-level measurements at 12 ponds (table 4); periodic water levels in 21 USGS observation wells and 140 private wells (table 5); chemical and physical analyses of 15 precipitation samples from one gaging station (table 6); chemical and physical analyses of 9 surface-water samples from 5 ponds (table 7); chemical and physical analyses of 150 ground-water samples from 97 wells and 8 springs (table 8); and field specific-conductance measurements for 29 ponds, 20 springs, 7 streams (table 9), and water samples from 52 wells (table 10). The locations of these data-collection sites are shown on plate 1. Also included are water-level hydrographs for 5 wells where water levels were recorded continuously (fig. 1).

The data presented in this report are from several sources. Data collected for this study were obtained during October 1988-June 1991. In addition, data from an earlier USGS study of

ground water on Block Island (Hansen and Schiner, 1964, tables 3-5) are included, as well as water-quality data collected by the Rhode Island Department of Health from Sands Pond and the Block Island Water Company public-supply wells during 1976-91 (tables 11-15). All well-description data and USGS water-quality data in this report, with the exception of the lithologic logs, are stored on the USGS's New England area Ground-Water Site Information computer data base (GWSI). The Rhode Island Department of Health data are stored at the Rhode Island Department of Health.

NUMBERING AND LOCATION OF DATA-COLLECTION SITES

Each well or test hole inventoried by the USGS in Rhode Island is assigned an alphanumeric code consisting of a 2-letter town designator followed by a one-letter site designator and a sequential local site number. The town designator for New Shoreham is NH. Site designators used in this study are W for well, S for spring, and B for boring.

Additional sites such as precipitation-gaging stations, pond staff gages, and surface-water-quality sampling sites were given sequential numbers, starting with 800. Locations of data-collection sites are shown on Plate 1.

DATA-COLLECTION METHODS

The locations of wells, springs, and other data-collection sites were determined with the aid of tax plat maps and house numbers assigned by the fire department. Each site was visited and its location plotted on a USGS topographic map at a scale of 1:24,000. The data-collection sites were transferred to a stable-base topographic map at a scale of 1:12,000. The latitude and longitude of each site was then determined using a digitizer.

Altitudes of land surface at most sites were estimated in the field using the USGS topographic map of Block Island. Because contours on these maps are accurate to only ±5 ft, estimated altitudes have a similar accuracy. Altitudes of sites inventoried by Hansen and Schiner (1964, table 4) and some data-collection sites for this study were determined with an altimeter; the accuracy of those measurements is about ±1 ft. Forty-three data-collection sites were tied to known USGS or U.S. Coast and Geodetic Survey benchmarks with either an automatic level or a laser level. The altitudes are shown in table 1.

Well drillers on Block Island provided the USGS with construction data and lithologic logs for more than 500 private and public supply wells. The lithologic logs of 349 wells and borings are included in table 2. The logs from 15 USGS observation wells drilled during 1988-89 and 11 test borings drilled in 1960 are also included in table 2, for a total of 375 logs.

Ten island residents measured precipitation after every rain or snowfall using USGS rain gages installed on their property. Precipitation samples from the well field north of Sands Pond were collected for chemical and physical analysis after storms with a wet-fall dry-fall collector installed by the USGS. Precipitation measurements from the U.S. National Weather Service weather station at the Block Island State Airport are also included in the data set (table 3).

Pond levels were read weekly from staff gages. The gages were 3-ft-long x 0.33-ft-wide steel plates, which were marked off in 0.01-ft intervals, and bolted to steel fenceposts driven into the pond. Altitude datums for the Fresh and Sands Pond gages were determined by leveling; altitudes of the other ponds were determined from a topographic map. Each staff gage was leveled in to a temporary reference point and releveled to this point once a year to check for movement. Any changes in altitude so detected were applied to the data as datum corrections, beginning with the most recent date on which the pond was observed to be frozen. Pond-level data are provided in table 4.

Depth to water in wells was determined using either a steel tape, an electric tape, or an acoustic water-level meter. Dug wells were usually measured with a steel tape; wells with water levels greater than 50 ft were measured either by electric tape or by an acoustic meter; and wells with water levels greater than 100 ft were measured with the acoustic meter. Two measurements were made several minutes apart to ensure that the water level

was stable. Accuracy of steel-tape measurements is ±0.01 ft. Acoustic and electric-tape measurements are accurate to ±0.1 ft. Water-level data are provided in tables 1 and 5. These tables also contain water levels reported by drillers and well owners. The methods of measurement of these data are not known; thus their accuracy can not be assessed. Hourly water-level measurements were obtained at five wells using analog-digital recorders. These data are provided in figure 1.

Samples from the precipitation gage at Sands Pond were collected after storms and analyzed at the USGS National Water Quality Laboratory in Arvada, Colorado. Water-quality data for precipitation samples are provided in table 6.

Pond-water samples were collected during 1962-63 (Hansen and Schiner, 1964, table 3) and, for this study, during October 1988-March 1989. Samples collected for this study were obtained by lowering a weighted tube into the pond, sealing the top, withdrawing the tube, and collecting the column of water contained in the tube. The length of the water column collected is included in table 7. No record is available of how the samples were collected in 1962 and 1963.

Ground-water samples were collected from springs, private wells, and observation wells over a 3-year period. Some shallow wells were sampled with a centrifugal pump and polyvinyl chloride (PVC) tubing. It is possible that some sample contamination of metals may have occurred because the water was in contact with

the pump. Other wells were sampled with a peristaltic pump and Teflon[1] tubing. The centrifugal and peristaltic pumps may have aerated the sample. Wells with existing pumps were sampled at water taps prior to passing through water-treatment equipment. All wells were pumped until pH and specific conductance stabilized before a sample was collected. Springs were sampled by holding sample bottles in the flow.

Samples were analyzed in the field for pH, dissolved oxygen concentration, water temperature, and specific conductance. The following were analyzed at the USGS Providence office: (1) alkalinity and bicarbonate alkalinity, using a digital titrator with 0.16-Normal sulfuric acid and a pH meter; and (2) chloride, for five ground-water samples collected during 1991, using a digital titrator, with the mercuric nitrate method. The USGS National Water Quality Laboratory in Arvada, Colorado, performed all other chemical and physical analyses on samples collected for this study. Water samples were packed in coolers and iced before shipment to the laboratory to keep them at less than 4 ^{o}C. Results of laboratory and field analyses are provided in table 8.

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[1]Use of the trade name in this report is for identification purposes only and does not constitute endorsement by the U.S Geological Survey.

Field specific-conductance measurements were made in 1989 at wells where water-level measurements were made. Surface-water sites (ponds, springs, and streams) were measured for specific conductance during July 1989. Specific conductance data for surface-water samples are in provided table 9, and specific conductance data for ground-water samples are given in table 10.

The Rhode Island Department of Health samples public water supplies annually. They provided the USGS with water-quality data for Sands Pond, Fresh Pond, and several of the water company supply wells (tables 11-15).

SELECTED REFERENCES

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Lohman, S.W., and others, 1972, Definitions of selected ground-water terms - revisions and conceptual refinements: U.S. Geological Survey Water-Supply Paper 1988, 15 p.

Moody, D.W., Carr, Jerry, Chase, E.B., and Paulson, R.W., compilers, 1986, National Water Summary 1986 - hydrologic events and ground-water quality: U.S. Geological Survey Water-Supply Paper 2325, 560 p.

Rhode Island Department of Health, 1991, Rules and Regulations Pertaining to Public Drinking Water (R46-13-DWQ), 95 p.

GLOSSARY

Some definitions of terms used in this report were simplified for clarity.

AQUIFER: A formation, group of formations, or part of a formation that contains enough saturated, permeable material to yield significant quantities of water to wells or springs.

CRETACEOUS: A geological period that lasted from 135 to 65 million years ago. A geological deposit that formed during this time period is called a Cretaceous deposit.

GLACIAL: Pertaining to or influenced by the action of glaciers; formed or deposited by glacial action. Glacial sediments include till and stratified drift.

GLACIOFLUVIAL: Pertaining to or influenced by the action of glacial meltwater. Glaciofluvial sediments have been sorted into layers of different grain sizes by rivers of meltwater. They are often referred to as stratified drift.

GROUND WATER: In this report, water in the ground that is in the saturated zone and that contributes water to wells, springs, and ground-water runoff.

HARDPAN: A term commonly applied by New England well drillers to a glacial deposit that resists penetration by drilling equipment. The material commonly is till.

KAOLIN: A term found in some of the driller's logs in this report, where it presumably refers to white clay. Kaolin, or kaolinite, is a mineral which forms clay, on its own or more commonly with other clay minerals.

MICROGRAMS PER LITER (ug/L): A unit for expressing the concentration of chemical or physical constituents in a solution. Micrograms per liter represents the weight of a dissolved substance in micrograms per liter of water. (One microgram equals 0.001 milligrams.) Approximately equal to parts per billion for fresh (nonsaline) water.

MILLIGRAMS PER LITER (mg/L): A unit for expressing the concentration of chemical or physical constituents in solution. Milligrams per liter represents the weight of a substance in milligrams per liter of water. (One milligram equals 0.001 grams.) Approximately equal to parts per million for fresh (nonsaline) water.

pH: Symbol denoting the concentration of hydrogen ions in a solution as a logarithm to negative base 10; pH is an indication of the acidity of the solution. pH values range from 0 to 14. A value of 7.0 indicates a neutral solution. Values greater than 7.0 indicate an alkaline (basic) solution; values less than 7.0 indicate an acidic solution. Because pH is a logarithmic value, a pH of 6.0 is 10 times more acidic (has 10 times more hydrogen ions) than a pH of 7.0.

PICOCURIES PER LITER: A unit for expressing the concentration of radioactive constituents in solution. Picocuries per liter represents the radioactivity of a dissolved substance in picocuries per liter of water. A picocurie is one-trillionth (1×10^{-12}) of the amount of radioactivity represented by a curie. A curie is the amount of radioactivity that yields 3.7×10^{10} radioactive disintegrations per second. A picocurie yields 2.22 disintegrations per minute.

PLEISTOCENE: A geological epoch that lasted from about 2 million years ago to about 10,000 years ago. A geological deposit that formed during this time period is called a Pleistocene deposit.

SATURATED ZONE: The part of a formation or group of formations in which all voids are filled with water under pressure greater than atmospheric pressure; the zone beneath the water table.

SPECIFIC CONDUCTANCE: A measure of the ability of water to conduct an electrical current, expressed in microsiemens per centimeter at 25 ^{o}C. Specific conductance is related to the type and concentration of dissolved solids in the water. This relation is not constant; it varies with changes in the composition of the water.

STRATIFIED DRIFT: Unconsolidated sediment, such as gravel, sand, silt, and clay, that has been transported and sorted by glacial meltwater and deposited in layers, or strata, of similar grain size.

TILL: Unconsolidated sediment, such as gravel, sand, silt, and clay, that has been transported by glacial ice. Till is poorly to unsorted. It commonly is very compact and difficult to penetrate with drilling equipment. Locally it is called hardpan.

WATER TABLE: The water table is that surface in an unconfined aquifer at which the pressure is atmospheric. It is defined by the level at which water stands in wells that penetrate the ground just far enough to hold standing water. The level of the water table is influenced by rainfall, transpiration by plants, evaporation, natural discharges to surface-water bodies, and discharges to wells.

Table 1.--Description of selected wells, springs, and test borings

STATION NUMBER: Local well number which is an alphanumeric code consisting of a two-letter town designator followed by a one-letter site designator and a sequential local site number. The town designator for New Shoreham is NH. Site designators are W for well, S for spring, and B for boring.

LATITUDE and LONGITUDE: Values of latitude are in degrees, minutes, and seconds North latitude, and values of longitude are in degrees, minutes, and seconds West longitude.

ALTITUDE OF LAND SURFACE: Altitudes are expressed in feet above sea level. Altitudes determined from the map or by altimeter are given to the nearest foot. Leveled altitudes are given to the nearest hundredth of a foot. Due to mapping inaccuracies, at some sites altitudes determined from Plate 1 do not match the altitudes listed in this table. Any site where the difference between the table and the map is greater than 10 feet has been footnoted.

METHOD ALTITUDE DETERMINED: A, altimeter; L, level; M, map.

METHOD CONSTRUCTED: A, air-rotary; B, bored or augered; C, cable tool; D, dug; H, hydraulic rotary; V, driven; Z, other.

Table 1.--Description of selected wells, springs, and test borings--Continued

DEPTH DRILLED: Total depth of hole, in feet below land surface. Depth drilled is equal to depth of well unless casing was pulled back for screening.

DEPTH OF WELL: Total depth of finished well, in feet below land surface.

TYPE OF FINISH: C, porous concrete; O, open end; S, screen; W, walled; Z, other.

OPEN INTERVAL: Interval where well screen is exposed to the aquifer material, in feet below land surface; bottom of open interval is finished depth of well.

WATER LEVEL: Water levels are given in feet below land surface. Levels measured by steel tape are given to the nearest hundredth of a foot. Levels measured by electric tape or acoustic meter are given to the nearest tenth of a foot. Estimates and reported levels are given to the nearest foot.

METHOD WATER LEVEL MEASURED: E, estimated, method unknown; R, reported; S, steel tape; T, electric tape; Z, acoustic meter. Although E, estimated, and R, reported, are not measurement methods, these codes are given as methods in the GWSI database.

Table 1.--Description of selected wells, springs and test borings--Continued

PRIMARY USE OF SITE: O, observation; U, unused; W, withdrawal; Z, destroyed.

PRIMARY USE OF WATER: C, commercial; F, fire; H, domestic; P, public supply; U, unused.

DISCHARGE: Pumping rate for well, in gallons per minute.

DRAWDOWN: Water-level decline in a well caused by pumping. Drawdown is in feet below static water level. Information is not available on how long wells were pumped prior to measurement of drawdown. Drawdown values do not necessarily represent stable drawdown conditions at the indicated discharge rate.

TYPE OF LOG AVAILABLE: Type of log available in table 2. D, driller's log; G, geologist's log.

Table 1.--Description of selected wells, springs, and test borings

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHB 51	411119	0713408	12	A	06-07-60	B	48	48	4	O
NHB 52	411141	0713415	15	A	06-07-60	B	48	48	4	O
NHB 53	411200	0713418	15	A	06-07-60	B	48	48	4	O
NHB 54	411214	0713410	33	A	06-08-60	B	38	38	4	O
NHB 55	411235	0713409	60	A	06-08-60	B	38	38	4	O
NHB 56	411243	0713404	87	A	06-09-60	B	48	48	4	O
NHB 57	411303	0713356	48	A	06-09-60	B	63	63	4	O
NHB 58	411313	0713400	9	A	06-10-60	B	63	63	4	O
NHB 59	411324	0713358	5	A	06-10-60	B	63	63	4	O
NHB 60	411044	0713356	9	A	06-11-60	B	48	48	4	O
NHB 61	411030	0713343	8	A	06-11-60	B	43	43	4	O
NHS 14	411003	0713313	[1]30	A	--	-	--	--	--	-
NHS 19	410948	0713630	18	A	--	-	--	--	--	-
NHS 88	411248	0713423	10	A	--	-	--	3	--	-
NHS 95	410936	0713512	150	M	--	-	--	--	--	-
NHS 105	411305	0713402	48	A	--	-	--	--	--	-
NHS 109	411009	0713623	12	A	--	-	--	--	--	-
NHS 132	411023	0713409	[1]12	A	--	-	--	6	--	-
NHS 146	411059	0713458	1	A	--	-	--	12	--	-
NHS 147	411101	0713503	3	A	--	-	--	--	--	-
NHS 161	410944	0713629	30	A	--	-	--	--	--	-
NHS 164	410851	0713544	10	A	--	-	--	--	--	-
NHS 510	410924	0713251	70	M	--	-	--	--	--	-
NHS 781	411304	0713401	46	M	--	-	--	--	--	-
NHS 782	411119	0713542	2	M	--	-	--	--	--	-
NHS 783	411059	0713616	2	M	--	-	--	--	--	-
NHS 784	410851	0713523	60	M	--	-	--	--	--	-
NHS 785	410907	0713318	100	M	--	-	--	--	--	-
NHS 786	410906	0713314	35	M	--	-	--	--	--	-
NHS 787	410906	0713308	15	M	--	-	--	--	--	-
NHS 788	411007	0713311	28	M	--	-	--	--	--	-
NHS 789	411004	0713309	20	M	--	-	--	--	--	-
NHS 790	411016	0713315	21	M	--	-	--	--	--	-
NHS 791	410948	0713248	38	M	--	-	--	--	--	-
NHS 792	410858	0713355	65	M	--	-	--	--	--	-
NHS 793	410857	0713406	15	M	--	-	--	--	--	-
NHS 794	410858	0713417	37	M	--	-	--	--	--	-
NHS 795	410857	0713425	69	M	--	-	--	--	--	-
NHS 796	410855	0713431	62	M	--	-	--	--	--	-
NHW 1	410929	0713405	130	A	11-00-35	-	37	37	--	-
NHW 2	410928	0713405	128	A	11-00-35	-	34	34	--	-

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or ·, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHB 51	--	--	11	06-07-60	R	Z	U	--	--	G
NHB 52	--	--	5	06-07-60	R	Z	U	--	--	G
NHB 53	--	--	15	06-07-60	R	Z	U	--	--	G
NHB 54	--	--	31	06-08-60	R	Z	U	--	--	G
NHB 55	--	--	32	06-08-60	R	Z	U	--	--	G
NHB 56	--	--	--	--	R	Z	U	--	--	G
NHB 57	--	--	5	06-09-60	R	Z	U	--	--	G
NHB 58	--	--	6	06-10-60	R	Z	U	--	--	G
NHB 59	--	--	4	06-10-60	R	Z	U	--	--	G
NHB 60	--	--	8	06-11-60	R	Z	U	--	--	G
NHB 61	--	--	8	06-11-60	R	Z	U	--	--	G
NHS 14	--	--	--	--	-	-	P	36	--	-
NHS 19	--	--	--	--	-	-	-	5	--	-
NHS 88	--	--	--	--	-	-	H	1.5	--	-
NHS 95	--	--	--	--	-	-	U	2	--	-
NHS 105	--	--	--	--	-	-	H	--	--	-
NHS 109	--	--	--	--	-	-	H	--	--	-
NHS 132	--	--	3.02	07-06-62	S	-	H	0.4	--	-
NHS 146	--	--	--	--	-	-	U	--	--	-
NHS 147	--	--	--	--	-	-	U	--	--	-
NHS 161	--	--	--	--	-	-	H	--	--	-
NHS 164	--	--	--	--	-	-	H	15	--	-
NHS 510	--	--	--	--	-	-	H	7	--	-
NHS 781	--	--	--	--	-	-	U	--	--	-
NHS 782	--	--	--	--	-	-	U	--	--	-
NHS 783	--	--	--	--	-	-	U	--	--	-
NHS 784	--	--	--	--	-	-	U	--	--	-
NHS 785	--	--	--	--	-	-	U	--	--	-
NHS 786	--	--	--	--	-	-	U	--	--	-
NHS 787	--	--	--	--	-	-	U	--	--	-
NHS 788	--	--	--	--	-	-	U	--	--	-
NHS 789	--	--	--	--	-	-	U	--	--	-
NHS 790	--	--	--	--	-	-	U	--	--	-
NHS 791	--	--	--	--	-	-	U	--	--	-
NHS 792	--	--	--	--	-	-	U	--	--	-
NHS 793	--	--	--	--	-	-	U	--	--	-
NHS 794	--	--	--	--	-	-	U	--	--	-
NHS 795	--	--	--	--	-	-	U	--	--	-
NHS 796	--	--	--	--	-	-	U	--	--	-
NHW 1	--	--	12.60	07-22-49	S	Z	U	30	--	D
NHW 2	--	--	12.74	07-22-49	S	Z	U	12	--	D

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 3	410929	0713405	130	A	11-00-35	-	37	37	--	-
NHW 11	411031	0713414	6	A	10-00-43	C	63	63	6	-
NHW 12	411031	0713416	10	A	00-00-35	V	52	52	--	-
NHW 13	411031	0713415	10	A	09-00-35	-	56	56	--	-
NHW 15	410911	0713306	150	M	00-00-35	C	90	90	6	-
NHW 17	411018	0713326	25	A	--	D	7	7	--	W
NHW 18	410858	0713426	60	A	--	D	8	8	--	W
NHW 31	411011	0713447	103	A	08-00-50	C	155	155	6	S
NHW 32	410928	0713405	130	A	07-00-50	C	88	88	6	S
NHW 33	410931	0713403	131.25	L	07-00-50	C	160	135	6	S
					--	-			--	-
NHW 34	410933	0713401	130.29	L	07-00-51	C	107	107	6	S
					--	-			--	-
					--	-			--	-
					--	-			--	-
NHW 35	411105	0713405	9	A	05-00-54	C	75	72	6	-
NHW 36	411139	0713359	22	A	00-00-50	C	40	40	4	S
NHW 37	411143	0713405	35	A	00-00-51	C	62	49	--	S
NHW 38	411140	0713426	11	A	00-00-50	C	30	30	4	S
NHW 39	411259	0713410	68	A	00-00-50	C	155	155	--	-
NHW 40	411217	0713409	41	A	00-00-50	C	61	61	--	S
NHW 41	411029	0713408	11	A	00-00-50	C	109	109	4	S
NHW 42	411026	0713342	[1]25	A	00-00-51	C	96	96	4	S
NHW 43	411048	0713546	78	A	00-00-50	C	105	105	4	S
NHW 44	411046	0713550	107	A	00-00-50	C	139	139	4	S
NHW 45	411049	0713525	85	A	00-00-50	C	143	143	6	S
NHW 46	411104	0713538	[1]69	A	00-00-50	C	88	88	4	S
NHW 47	411050	0713430	20	A	00-00-50	C	38	38	6	S
NHW 48	410912	0713307	150	M	00-00-50	C	178	178	6	S
NHW 49	411042	0713413	17	A	06-16-55	C	36	35	6	S
NHW 50	411248	0713408	90	A	07-20-56	C	233	233	--	-
NHW 62	411250	0713359	111	A	00-00-60	C	316	270	--	-
NHW 63	411325	0713343	44	A	00-00-56	C	80	80	--	-
NHW 64	411217	0713409	41	A	--	C	65	65	6	-
NHW 65	411022	0713354	[1]40	A	--	C	85	85	6	-
NHW 66	410949	0713604	88	A	00-00-55	C	80	80	6	S
NHW 67	410926	0713300	119	A	00-00-58	C	240	240	--	S
NHW 68	410917	0713314	145	A	00-00-59	C	145	145	--	S
NHW 69	410943	0713250	66	A	--	C	100	100	6	-
NHW 70	411022	0713444	44	A	00-00-57	C	50	50	6	-

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 3	--	--	--	--	-	U	U	30	--	D
NHW 11	--	--	6.43	06-12-62	S	W	C	25	--	G
NHW 12	--	--	9	09-00-35	R	Z	U	15	--	G
NHW 13	--	--	9	09-00-35	R	Z	U	15	--	-
NHW 15	--	--	88	07-23-49	R	U	U	--	--	G
NHW 17	--	--	2.71	09-01-62	S	U	U	--	--	-
NHW 18	--	--	6.26	09-17-62	S	U	U	--	--	-
NHW 31	143	155	90	08-00-50	R	W	C	30	43	G
NHW 32	67	88	25	07-00-50	R	Z	U	60	40	-
NHW 33	124	135	22.52	10-08-62	S	Z	U	42	--	G
	--	--						22	27	-
NHW 34	86	107	30	07-27-79	R	Z	U	38	--	D
	--	--						25	--	-
	--	--						7	--	-
	--	--						50	77	-
NHW 35	68	72	8	05-00-54	R	Z	U	12	57	D
NHW 36	30	40	21.39	09-16-62	S	W	H	7	--	-
NHW 37	39	49	33.12	09-18-62	S	W	P	15	10	D
NHW 38	20	30	11.08	10-02-62	S	U	U	15	--	D
NHW 39	--	--	66.36	08-25-62	S	U	U	10	--	D
NHW 40	50	61	39.1	09-22-62	S	W	H	10	19	G
NHW 41	104	109	10	00-00-50	R	W	C	5	--	D
NHW 42	86	96	24	09-18-62	S	W	H	10	35	D
NHW 43	95	105	90	00-00-50	R	W	H	6	--	D
NHW 44	129	139	106	00-00-50	R	W	H	7	21	D
NHW 45	138	143	100	00-00-50	R	W	H	10	20	D
NHW 46	78	88	69	00-00-50	R	U	U	5	16	D
NHW 47	33	38	20	00-00-50	R	W	P	10	10	D
NHW 48	168	178	120	00-00-50	R	W	H	7	40	D
NHW 49	30	35	14.65	05-04-88	S	U	U	12	0	D
NHW 50	--	--	--	--	-	Z	U	--	--	-
NHW 62	--	--	109.35	07-22-62	S	U	U	--	--	D
NHW 63	--	--	43.19	08-09-62	S	U	U	--	--	G
NHW 64	--	--	45	00-00-62	R	W	H	--	--	D
NHW 65	--	--	--	--	-	W	C	10	--	D
NHW 66	70	80	42	00-00-55	R	W	H	8	--	D
NHW 67	235	240	117.79	08-31-62	S	W	H	--	--	D
NHW 68	--	--	88.04	08-30-62	S	Z	U	18	--	D
NHW 69	--	--	--	--	-	W	H	10	--	D
NHW 70	--	--	27	00-00-57	R	Z	U	9	--	D

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 71	411029	0713459	103	A	00-00-60	C	104	95	6	-
NHW 72	410956	0713454	141	A	00-00-61	C	202	202	--	-
					--	-			--	-
NHW 73	411142	0713405	29	A	--	C	54	54	6	-
NHW 74	411141	0713405	29	A	10-00-61	C	47	47	6	S
NHW 75	411024	0713444	40	A	--	D	17	17	21	C
NHW 76	410924	0713546	[1]95	A	--	D	16	16	--	W
NHW 79	411214	0713404	35	A	00-00-59	C	80	80	--	-
NHW 80	411216	0713355	14	A	00-00-60	D	15	15	36	C
NHW 81	410956	0713553	130	A	00-00-60	C	105	105	6	-
					--	-			--	-
NHW 82	411015	0713451	102	A	00-00-61	C	140	140	6	-
NHW 83	411218	0713342	24	A	00-00-55	D	12	12	--	C
NHW 84	411209	0713350	34	A	00-00-55	C	65	65	6	S
NHW 85	411231	0713337	46	A	08-00-60	C	109	109	6	-
NHW 86	411232	0713331	71	A	08-00-60	C	105	105	6	-
NHW 87	411244	0713402	85	M	08-00-61	C	115	115	6	-
NHW 89	410943	0713332	120	A	00-00-61	C	137	137	6	-
NHW 91	410945	0713636	21	A	00-00-46	D	23	23	24	C
NHW 92	410930	0713622	55	A	--	D	10	10	--	W
NHW 93	410935	0713620	53	A	--	D	9	9	24	W
NHW 94	410924	0713619	54	A	00-00-61	D	16	16	24	W
NHW 96	411040	0713444	[1]10	A	--	D	4	4	96	W
NHW 97	411027	0713615	47	A	00-00-48	D	20	20	30	C
NHW 98	411107	0713534	70	A	05-00-60	C	125	125	--	-
NHW 99	411117	0713540	25	A	11-00-58	C	45	45	6	S
NHW 100	411044	0713549	135	A	10-00-58	C	186	186	--	S
NHW 101	411024	0713627	11	A	00-00-61	D	5	5	--	W
NHW 102	411024	0713625	25	A	00-00-59	D	17	17	36	C
NHW 103	411040	0713618	56	A	00-00-56	C	72	72	--	S
NHW 104	411302	0713356	50	A	--	D	7	7	21	W
NHW 106	411121	0713534	29	A	00-00-59	C	120	120	--	-
NHW 107	411314	0713357	11	A	--	D	7	7	21	C
NHW 108	411047	0713622	20	A	--	D	13	13	96	W
					--	-			24	-
NHW 110	411009	0713610	96	A	--	D	23	23	--	W
NHW 111	411039	0713613	86	A	07-00-61	C	113	113	6	-
NHW 112	411040	0713541	84	A	03-00-57	C	113	113	--	S
NHW 113	410956	0713547	124	A	00-00-60	D	9	9	30	C
NHW 114	410923	0713436	126	A	00-00-40	D	8	8	36	C

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 71	--	--	83.07	08-20-62	S	W	H	--	--	D
NHW 72	--	--	122.85	10-02-62	S	W	H	10	30	-
	--	--						10	30	-
NHW 73	--	--	--	--	-	W	P	--	--	-
NHW 74	42	47	28.08	09-27-62	S	U	U	12	11	-
NHW 75	--	--	4.40	04-14-88	S	O	U	--	--	G
NHW 76	--	--	12.83	10-06-62	S	U	U	--	--	G
NHW 79	--	--	33.60	09-22-62	S	W	H	12	--	-
NHW 80	--	--	10.18	03-11-88	S	W	H	--	--	-
NHW 81	--	--	91.60	09-20-62	S	W	H	5	--	D
	--	--						5	--	-
NHW 82	--	--	90	02-00-61	R	W	H	8	30	-
NHW 83	--	--	11	08-18-62	E	W	H	--	--	-
NHW 84	58	65	32.67	09-22-62	S	U	U	10	0	-
NHW 85	--	--	45.08	08-29-62	S	W	H	8	--	-
NHW 86	--	--	70	08-00-60	R	U	U	10	10	-
NHW 87	--	--	65	08-00-61	R	W	H	8	20	-
NHW 89	--	--	101	00-00-61	R	W	H	8	19	-
NHW 91	23	23	21.0	03-18-88	S	W	H	--	--	G
NHW 92	--	--	6.40	09-03-62	S	U	U	--	--	-
NHW 93	--	--	6.82	09-02-62	S	U	U	--	--	-
NHW 94	--	--	7.47	06-22-88	S	W	H	--	--	-
NHW 96	--	--	0.72	05-04-88	S	W	H	--	--	G
NHW 97	--	--	10.98	09-03-62	S	W	H	--	--	G
NHW 98	--	--	68.74	09-20-62	S	W	H	10	20	-
NHW 99	39	45	13.50	09-20-62	S	W	H	12	26	-
NHW 100	143	186	132.16	10-08-62	S	W	H	10	20	-
NHW 101	--	--	3.12	09-03-62	S	Z	U	--	--	G
NHW 102	--	--	14.06	09-03-62	S	W	H	--	--	G
NHW 103	57	72	54.65	09-22-62	S	Z	U	10	12	-
NHW 104	--	--	1.8	03-24-88	S	U	U	--	--	-
NHW 106	--	--	28.14	10-04-62	S	W	H	10	--	-
NHW 107	--	--	5.46	05-03-88	S	W	H	--	--	-
NHW 108	--	--	9.50	08-16-62	S	Z	U	--	--	G
	--	--						--	--	-
NHW 110	--	--	22.36	10-06-62	S	W	H	--	--	-
NHW 111	--	--	84.05	09-21-62	S	W	H	8	16	-
NHW 112	108	113	82	03-00-57	R	W	H	12	--	-
NHW 113	--	--	2.40	03-10-88	S	W	H	--	--	-
NHW 114	--	--	4.63	09-06-62	S	W	H	--	--	-

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 115	410909	0713444	98	A	--	D	6	6	--	W
NHW 116	410938	0713304	90	A	--	D	13	13	--	C
NHW 117	410937	0713312	118	A	00-00-57	D	8	8	21	C
NHW 118	410934	0713256	115	M	03-00-57	C	193	193	6	S
NHW 119	410918	0713315	146	A	00-00-54	D	15	15	--	C
NHW 120	410920	0713313	150	A	00-00-61	D	15	15	--	C
NHW 121	410948	0713259	44	A	--	D	10	10	--	W
NHW 122	410954	0713336	95	M	--	D	7	7	21	C
NHW 123	411002	0713621	24	A	00-00-60	C	68	68	--	-
NHW 124	411023	0713348	[1]19	A	00-00-40	D	15	15	--	C
NHW 125	411023	0713346	[1]17	A	00-00-45	D	14	14	18	W
NHW 126	411020	0713349	43	A	--	D	23	23	--	W
NHW 127	411010	0713402	50	A	08-00-56	C	48	48	6	-
					--	-			--	-
NHW 128	411010	0713403	53	A	08-00-60	C	86	86	6	-
					--	-	86	86	--	-
NHW 129	411017	0713403	46	A	00-00-59	C	131	131	6	-
NHW 130	411021	0713357	26	A	00-00-59	C	55	55	--	-
NHW 131	411019	0713405	16	A	00-00-20	D	4	4	24	W
NHW 133	411014	0713439	86	A	11-00-58	C	130	130	--	S
NHW 134	411019	0713358	20	A	00-00-56	C	87	87	--	-
NHW 135	411025	0713355	12	A	--	D	18	18	36	C
NHW 136	411016	0713351	32	A	05-00-58	C	97	97	--	-
NHW 137	411016	0713403	51	A	--	D	21	21	18	C
NHW 138	410956	0713353	67	A	00-00-57	D	7	7	24	C
NHW 139	410954	0713352	68	A	00-00-15	D	7	7	24	W
NHW 140	410955	0713353	66	A	--	D	6	6	24	W
NHW 142	411219	0713411	42	A	00-00-15	D	41	41	21	C
NHW 143	411148	0713417	28	A	05-00-60	C	71	71	--	-
					--	-			--	-
NHW 144	411108	0713414	19	A	00-00-55	D	24	24	30	C
NHW 145	411106	0713411	6	A	00-00-45	D	10	10	--	W
NHW 148	411025	0713435	39	A	00-00-57	V	19	19	4	-
NHW 149	411008	0713326	73	A	--	D	15	15	30	C
NHW 150	411206	0713345	24	A	--	V	31	31	2.5	Z
NHW 151	411023	0713356	10	A	00-00-47	D	14	14	--	C
NHW 152	411033	0713444	54	A	00-00-52	D	26	26	36	C
NHW 153	410955	0713259	31	A	00-00-43	D	23	23	30	C
NHW 154	410943	0713249	62	A	00-00-50	D	21	20	36	C
NHW 155	411018	0713357	21	A	--	D	11	11	--	C

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 115	--	--	2.31	09-06-62	S	W	H	--	--	-
NHW 116	--	--	6.00	08-13-62	S	W	H	--	--	-
NHW 117	--	--	3.18	07-04-62	S	U	U	--	--	-
NHW 118	187	193	100.84	10-02-62	S	W	H	10	60	-
NHW 119	--	--	13.75	09-01-62	S	U	U	--	--	G
NHW 120	--	--	10.06	07-04-62	S	Z	U	--	--	G
NHW 121	10	--	6.73	08-05-62	S	U	U	--	--	-
NHW 122	--	--	3.25	09-06-62	S	W	H	--	--	-
NHW 123	--	--	12.19	10-10-62	S	W	H	5	--	-
NHW 124	--	--	12.69	07-05-62	S	U	U	--	--	-
NHW 125	--	--	7.3	03-30-88	S	U	U	--	--	-
NHW 126	--	--	22.33	09-01-62	S	W	H	--	--	-
NHW 127	--	--	20	08-00-56	R	U	U	9	25	-
	--	--						2	--	-
NHW 128	--	--	30	08-00-60	R	W	H	6	--	-
NHW 128	--	--	30	08-00-60	R	W	H	6	--	-
NHW 129	--	--	31	00-00-59	R	W	H	20	--	-
NHW 130	--	--	25.41	09-22-62	S	U	U	8	--	-
NHW 131	--	--	2.3	03-30-88	T	W	H	--	--	-
NHW 133	108	130	71.98	08-30-62	S	W	H	12	35	-
NHW 134	--	--	18	00-00-56	R	W	H	10	--	-
NHW 135	--	--	10.62	09-01-62	S	W	H	--	--	-
NHW 136	--	--	31.33	09-10-62	S	W	P	16	--	-
NHW 137	--	--	15.92	10-06-62	S	W	P	--	--	-
NHW 138	--	--	3.60	07-07-62	S	W	-	--	--	-
NHW 139	--	--	2.12	07-07-62	S	W	H	--	--	-
NHW 140	--	--	1.65	07-07-62	S	W	H	--	--	-
NHW 142	--	--	40.57	09-05-62	S	W	H	--	--	-
NHW 143	--	--	26.84	10-10-62	S	W	H	8	12	-
	--	--						8	12	-
NHW 144	--	--	18.01	09-05-62	S	W	H	--	--	-
NHW 145	--	--	4.97	07-09-62	S	W	H	--	--	-
NHW 148	--	--	12.27	09-01-62	S	W	H	5	2	G
NHW 149	--	--	8.77	09-01-62	S	U	U	--	--	-
NHW 150	--	--	24.30	09-05-62	S	U	U	--	--	-
NHW 151	--	--	5.0	06-16-88	T	U	U	--	--	-
NHW 152	--	--	23.23	09-01-62	S	W	H	--	--	G
NHW 153	--	--	19.60	08-19-62	S	W	P	--	--	-
NHW 154	--	--	11.63	09-01-62	S	W	H	--	--	G
NHW 155	--	--	10.35	07-13-62	S	U	U	--	--	-

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 156	411130	0713408	17	A	00-00-54	C	31	31	6	S
NHW 157	411127	0713413	6	A	--	D	6	6	24	W
NHW 158	411027	0713601	80	A	12-00-54	C	95	95	6	S
NHW 159	410936	0713337	141	A	--	D	7	7	--	W
NHW 160	410946	0713255	35	A	--	D	7	7	--	W
NHW 162	411025	0713353	6	A	00-00-55	D	9	9	36	C
NHW 163	411023	0713439	30	A	00-00-55	D	13	13	30	C
NHW 165	411017	0713409	28	A	--	D	9	9	24	C
NHW 166	411019	0713425	59	A	--	D	20	20	36	C
NHW 167	410936	0713338	149	A	06-00-57	C	150	150	6	S
NHW 168	411016	0713620	30	A	--	D	17	17	24	C
NHW 169	411034	0713408	6	A	--	D	9	9	18	W
NHW 170	411145	0713417	23	A	--	C	45	45	6	S
NHW 171	411019	0713443	40	A	--	D	25	25	36	W
NHW 172	411048	0713430	[1]6	A	--	D	7	7	--	W
NHW 173	411041	0713423	7	A	00-00-56	C	63	63	--	-
					--	-			--	-
NHW 174	411046	0713412	11	A	00-00-61	D	12	12	36	C
NHW 175	411038	0713421	12	A	00-00-44	D	13	13	24	W
NHW 176	410959	0713312	[1]40	A	00-00-32	D	19	19	24	C
NHW 177	411001	0713343	90	A	00-00-15	D	11	11	--	W
NHW 178	410936	0713333	130	A	--	D	6	6	--	W
NHW 179	411039	0713420	[1]35	A	08-00-55	C	74	74	--	S
NHW 180	411025	0713359	8	A	--	D	9	9	30	W
NHW 181	411107	0713537	45	A	--	D	9	9	24	W
NHW 182	411135	0713414	7	A	--	D	7	7	--	W
NHW 183	411307	0713354	23	A	12-00-61	C	67	67	--	-
NHW 184	410952	0713600	80	A	00-00-57	V	27	27	2	-
NHW 185	411136	0713428	10	A	--	D	11	11	24	Z
NHW 186	410940	0713248	75	A	00-00-49	D	15	15	36	C
NHW 187	410942	0713246	[1]52	A	00-00-32	D	16	16	30	C
NHW 188	411024	0713345	8	A	--	D	8	8	--	-
NHW 189	411016	0713421	52	A	--	D	11	11	30	C
					--	-			30	-
NHW 190	411133	0713412	8	A	00-00-56	D	10	10	30	C
NHW 191	411015	0713321	35	A	--	V	22	22	2	-
NHW 192	411015	0713323	32	A	--	D	11	11	108	Z
NHW 193	411008	0713324	76	A	--	D	43	43	60	W
NHW 194	411138	0713523	5	A	--	D	10	10	60	W
NHW 195	411301	0713403	[1]61	A	--	D	10	10	21	C

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 156	--	--	14.77	04-21-88	S	U	U	--	--	-
NHW 157	--	--	3.94	04-21-88	S	U	U	--	--	-
NHW 158	90	95	73.38	05-24-63	S	W	H	5	12	-
NHW 159	--	--	4.22	09-06-62	S	W	H	--	--	-
NHW 160	--	--	2.50	07-18-62	S	W	H	--	--	-
NHW 162	--	--	5.22	07-18-62	S	U	U	--	--	G
NHW 163	--	--	4.97	09-01-62	S	W	H	--	--	G
NHW 165	--	--	3.38	07-22-62	S	W	H	--	--	-
NHW 166	--	--	16.28	09-01-62	S	U	U	--	--	-
NHW 167	145	150	105	06-00-57	R	W	H	10	33	-
NHW 168	--	--	12.05	08-03-88	S	U	U	--	--	-
NHW 169	--	--	5.63	07-24-62	S	W	H	--	--	-
NHW 170	38	45	21.81	09-14-62	S	W	H	10	--	-
NHW 171	--	--	16.69	09-01-62	S	W	H	--	--	-
NHW 172	--	--	5.16	09-01-62	S	W	P	--	--	G
NHW 173	--	--	5.71	08-31-62	S	U	U	10	--	-
	--	--						10	--	-
NHW 174	--	--	10.66	08-06-62	S	U	U	--	--	-
NHW 175	--	--	10.86	08-06-62	S	W	H	--	--	G
NHW 176	--	--	12.64	09-01-62	S	W	H	--	--	-
NHW 177	--	--	6.96	08-06-62	S	Z	U	--	--	-
NHW 178	--	--	4.08	08-06-62	S	W	H	--	--	-
NHW 179	69	74	34.31	10-09-62	S	W	P	10	--	-
NHW 180	--	--	1.55	03-30-88	S	W	H	--	--	-
NHW 181	--	--	5.63	08-07-62	S	W	H	--	--	-
NHW 182	--	--	5.13	08-07-62	S	W	H	--	--	-
NHW 183	--	--	22.26	10-04-62	S	W	H	10	22	-
NHW 184	--	--	25	00-00-57	R	U	U	--	--	-
NHW 185	--	--	9.15	09-05-62	S	U	U	--	--	-
NHW 186	--	--	8.92	09-01-62	S	W	H	--	--	-
NHW 187	--	--	13.86	09-01-62	S	W	H	--	--	-
NHW 188	--	--	2.23	08-13-62	S	W	H	--	--	-
NHW 189	--	--	8.33	09-01-62	S	U	U	--	--	-
	--	--						--	--	-
NHW 190	--	--	6.66	09-22-62	S	W	H	--	--	-
NHW 191	--	--	6.57	08-15-62	S	U	U	--	--	-
NHW 192	--	--	8.5	08-15-62	S	W	P	--	--	-
NHW 193	--	--	38.15	06-15-88	S	U	U	--	--	-
NHW 194	--	--	5.15	08-16-62	S	U	U	--	--	G
NHW 195	--	--	8.74	08-17-62	S	W	H	--	--	-

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 196	411025	0713513	89	A	08-00-58	C	115	115	--	-
NHW 197	411024	0713527	156	A	06-00-57	C	157	157	--	S
NHW 198	411023	0713536	177	A	05-00-55	C	171	171	--	-
NHW 199	411007	0713601	132	A	09-00-58	C	143	143	6	S
NHW 200	411158	0713414	26	A	00-00-55	C	40	40	6	S
NHW 201	411039	0713415	32	A	08-00-54	C	63	63	6	-
NHW 202	410934	0713337	160	A	12-00-51	C	118	118	4	-
					--	-			--	-
NHW 203	411250	0713337	[1]135	A	07-00-57	C	160	160	6	S
					--	-			--	-
NHW 204	411226	0713409	41	A	03-00-57	C	74	74	6	S
NHW 205	411156	0713357	40	A	00-00-59	C	--	--	6	-
NHW 206	410954	0713302	52	M	--	C	--	--	6	-
NHW 207	410932	0713258	114	A	00-00-56	D	9	9	24	C
NHW 208	411019	0713357	21	A	08-00-62	C	86	86	--	S
NHW 209	411029	0713401	4	A	08-00-55	C	124	124	6	S
NHW 211	411041	0713356	8	A	00-00-49	D	11	11	--	C
NHW 212	411040	0713357	7	A	00-00-52	D	9	9	72	W
NHW 213	411025	0713603	[1]80	A	00-00-61	C	--	--	--	-
NHW 214	410903	0713434	118	A	00-00-50	D	21	21	18	-
NHW 215	410915	0713445	103.07	L	00-00-30	D	12	12	18	C
NHW 216	411023	0713518	70	A	--	D	19	19	21	W
NHW 217	411045	0713435	36	A	00-00-20	D	40	40	24	C
NHW 218	411033	0713439	[1]22	A	--	D	7	7	18	W
NHW 219	411031	0713621	45	A	00-00-30	D	21	21	30	C
NHW 220	410911	0713303	120	A	00-00-46	D	13	13	36	C
NHW 221	411021	0713537	168	A	--	D	10	10	24	W
NHW 222	411113	0713535	36	A	08-00-62	C	80	80	--	-
NHW 223	410913	0713443	107.42	L	--	D	11	11	36	C
NHW 224	411110	0713415	9	A	00-00-62	D	11	11	36	C
NHW 225	411008	0713331	79	A	--	D	41	41	30	C
NHW 226	411005	0713404	35	A	--	D	10	10	48	W
NHW 227	410902	0713425	130	A	--	C	151	151	6	S
					--	-			6	-
NHW 228	411015	0713339	18	A	--	D	8	8	30	-
NHW 229	411013	0713331	44	A	00-00-48	D	23	23	36	-
NHW 230	411010	0713634	18	M	00-00-56	D	9	9	36	C
NHW 231	411042	0713415	19	A	--	C	56	56	--	-
NHW 232	410956	0713430	80	A	--	D	8	8	30	C

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 196	--	--	80	08-00-58	R	W	-	12	25	-
NHW 197	151	157	126	06-00-57	R	W	H	8	26	-
NHW 198	--	--	--	--	-	W	H	--	--	-
NHW 199	121	143	100	09-00-58	R	W	H	10	30	-
NHW 200	33	40	26	00-00-55	R	W	H	10	--	G
NHW 201	--	--	--	--	-	W	H	--	--	-
NHW 202	--	--	78	06-00-63	R	W	H	6	24	-
	--	--						5	--	-
NHW 203	155	160	135	07-00-57	R	W	H	10	20	-
	--	--						25	--	-
NHW 204	69	74	58	03-00-57	R	W	H	10	10	-
NHW 205	--	--	--	--	-	W	H	--	--	-
NHW 206	--	--	--	--	-	W	H	--	--	-
NHW 207	--	--	2.92	06-22-88	S	U	U	--	--	-
NHW 208	76	86	19.67	09-02-62	S	W	H	10	40	-
NHW 209	117	124	3.93	05-04-88	S	U	U	15	20	-
NHW 211	--	--	7.49	08-30-62	S	W	H	--	--	-
NHW 212	--	--	5.92	08-30-62	S	W	H	--	--	-
NHW 213	--	--	--	--	-	W	H	--	--	-
NHW 214	--	--	4.29	08-31-62	S	U	U	--	--	G
NHW 215	--	--	8.49	09-17-62	S	W	H	--	--	-
NHW 216	--	--	15.29	10-06-62	S	U	U	--	--	-
NHW 217	--	--	35.30	10-10-62	S	U	U	--	--	-
NHW 218	--	--	3.61	09-01-62	S	W	H	--	--	-
NHW 219	--	--	19.40	08-05-88	S	U	U	--	--	-
NHW 220	--	--	2.84	06-15-89	S	W	H	--	--	G
NHW 221	--	--	2.36	09-06-62	S	U	U	--	--	-
NHW 222	--	--	35.44	09-07-62	S	W	H	10	30	-
NHW 223	--	--	6.57	09-08-62	S	U	U	--	--	-
NHW 224	--	--	8.97	09-16-62	S	W	H	0.6	1	-
NHW 225	--	--	37.87	09-23-62	S	U	U	--	--	-
NHW 226	--	--	6.00	09-17-62	S	W	H	--	--	-
NHW 227	147	151	124	08-31-66	R	W	C	20	7	D
	147	151						--	--	-
NHW 228	--	--	2.99	09-17-62	S	U	U	--	--	-
NHW 229	--	--	5.43	09-17-62	S	W	H	--	--	G
NHW 230	--	--	4.36	09-17-62	S	Z	U	--	--	-
NHW 231	--	--	18.89	10-10-62	S	W	P	20	--	-
NHW 232	--	--	2.72	09-23-62	S	U	U	--	--	-

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 236	411028	0713619	[1]60	A	00-00-63	C	140	140	6	-
NHW 237	411047	0713620	33	A	05-24-63	C	78	77	6	S
					--	-			--	-
NHW 238	411055	0713515	70	A	06-00-63	C	103	103	--	-
NHW 239	410931	0713403	131	M	06-12-63	C	127	127	8	-
NHW 240	411008	0713611	120	A	06-00-63	C	115	115	6	-
NHW 241	410933	0713403	126.42	L	06-26-63	C	106	96	8	S
					--	-			--	-
					--	-			--	-
					--	-			--	-
NHW 250	410920	0713459	93.67	L	09-12-89	B	63	62	2	S
NHW 251	410920	0713459	94.21	L	09-13-89	B	28	28	2	S
NHW 252	410931	0713325	152.89	L	09-14-89	B	79	42	2	S
NHW 253	410931	0713325	152.76	L	09-15-89	B	22	22	2	S
NHW 254	410943	0713518	126.66	L	09-16-89	B	40	18	2	S
NHW 255	410927	0713425	138.27	L	09-20-89	B	19	14	2	P
NHW 256	410947	0713448	121.88	L	09-21-89	B	87	87	2	S
					--	-			2	-
NHW 257	410947	0713448	122.23	L	09-21-89	B	43	43	2	S
					--	-			2	-
NHW 258	410947	0713448	121.85	L	09-21-89	B	20	19	2	S
					--	-			2	-
NHW 259	411237	0713422	18.14	L	09-22-89	B	72	72	2	S
NHW 260	411237	0713422	18.56	L	09-23-89	B	47	47	2	S
NHW 261	411237	0713422	18.15	L	09-23-89	B	18	18	2	S
NHW 262	411052	0713506	58.62	L	09-27-89	B	64	62	2	S
					--	-			2	-
NHW 263	410955	0713444	122.91	L	09-28-89	B	59	57	2	S
					--	-			2	-
NHW 264	411229	0713439	13.29	L	09-29-89	B	38	31	2	S
					--	-			2	-
NHW 301	411053	0713535	85	M	--	-	145	145	--	-
NHW 302	411050	0713542	88	M	08-24-76	C	124	124	6	S
NHW 303	411055	0713532	100	M	07-13-67	C	131	131	6	S
NHW 304	411050	0713525	88	M	08-18-76	C	126	126	6	S
					--	-			--	-
NHW 305	411102	0713538	[1]85	M	07-27-82	A	144	141	6	S
NHW 306	411055	0713537	88	M	00-00-84	H	135	135	4	S
NHW 307	411053	0713518	85	M	06-25-80	A	137	136	6	S
NHW 308	411054	0713511	58	M	07-07-66	C	92	92	6	S

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 236	--	--	58.62	05-24-63	S	W	H	--	--	-
NHW 237	75	77	32.77	06-26-63	S	W	H	14	33	D
	--	--						14	--	-
NHW 238	--	--	69.9	06-25-63	S	W	H	35	--	D
NHW 239	--	--	--	--	-	Z	U	4	--	D
NHW 240	--	--	91.79	06-26-63	S	W	H	--	--	-
NHW 241	86	96	12.37	03-28-88	S	U	U	40	20	D
	--	--						65	--	-
	--	--						90	20	-
	--	--						50	--	-
NHW 250	59	62	35.79	10-23-89	S	O	U	--	--	D
NHW 251	24	28	8.13	10-23-89	S	O	U	--	--	D
NHW 252	39	42	42.06	10-24-89	S	O	U	--	--	D
NHW 253	18	22	4.98	10-24-89	S	O	U	--	--	D
NHW 254	15	18	4.08	10-24-89	S	O	U	--	--	D
NHW 255	13	14	9.31	10-23-89	S	O	U	--	--	D
NHW 256	84	87	81.10	10-25-89	S	O	U	--	--	D
	--	--						--	--	-
NHW 257	38	43	25.04	10-25-89	S	O	U	--	--	D
	--	--						--	--	-
NHW 258	14	19	11.52	10-25-89	S	O	U	--	--	D
	--	--						--	--	-
NHW 259	67	72	9.79	10-23-89	S	O	U	--	--	D
NHW 260	42	47	9.34	10-23-89	S	O	U	--	--	D
NHW 261	13	18	8.09	10-23-89	S	O	U	--	--	D
NHW 262	57	62	52.38	10-24-89	S	O	U	--	--	D
	--	--						--	--	-
NHW 263	52	57	44.79	10-25-89	S	O	U	--	--	D
	--	--						--	--	-
NHW 264	26	31	9.25	10-25-89	S	O	U	--	--	D
	--	--						--	--	-
NHW 301	--	--	--	--	-	W	H	--	--	-
NHW 302	120	124	84	08-24-76	R	W	H	50	--	D
NHW 303	127	131	95	07-13-67	R	W	H	35	3	D
NHW 304	123	126	88	08-18-76	R	W	H	15	--	D
	--	--						10	10	-
NHW 305	138	141	85	07-27-82	R	W	H	80	15	D
NHW 306	130	135	--	--	-	W	H	60	--	-
NHW 307	134	136	83	06-25-80	R	W	H	50	--	D
NHW 308	88	92	55	07-07-66	R	W	H	15	--	D

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 309	411054	0713514	65	M	09-16-82	A	93	93	6	S
NHW 310	411102	0713518	70	M	05-24-84	A	105	105	6	S
NHW 312	411111	0713532	70	M	07-05-67	C	121	121	6	O
NHW 313	411116	0713534	38	M	05-30-85	A	103	103	6	S
NHW 314	411118	0713538	40	M	07-15-64	C	71	71	6	S
					--	-			--	-
NHW 315	411116	0713527	15	M	05-11-82	A	53	52	6	S
NHW 316	411114	0713523	5	M	06-14-79	A	46	32	6	S
NHW 317	411112	0713517	[1]42	M	05-06-70	C	75	75	6	S
NHW 318	411059	0713501	25	M	--	-	--	--	--	-
NHW 319	411057	0713459	24	M	00-00-82	H	64	64	--	S
NHW 320	410919	0713303	130	M	03-02-88	H	245	245	4	S
NHW 321	411024	0713507	75	M	--	H	112	110	--	S
NHW 322	411046	0713600	98	M	09-03-87	H	180	180	4	S
					--	-			--	-
NHW 323	410948	0713454	110	M	07-11-63	C	119	119	6	S
NHW 324	410944	0713505	100	M	--	H	185	185	6	S
NHW 325	410945	0713502	120	M	05-19-82	A	177	177	--	S
					--	-			--	-
NHW 328	410953	0713511	130	M	08-06-79	A	220	220	6	S
NHW 329	410957	0713553	130	M	08-12-75	C	172	172	6	S
					--	-			--	-
NHW 330	410955	0713547	130	M	00-00-72	A	233	233	6	S
					--	-			--	-
NHW 331	410934	0713508	167.36	L	--	-	203	203	--	-
NHW 332	410933	0713509	[1]160	M	08-00-87	H	280	214	4	S
NHW 333	410934	0713506	165.80	L	08-18-87	H	231	231	4	S
					--	-			4	-
NHW 334	410930	0713506	149	M	08-25-87	H	213	213	4	S
					--	-			4	-
NHW 335	410927	0713503	144.81	L	08-14-87	H	170	170	4	S
					--	-			--	-
NHW 336	410944	0713641	12	M	07-31-79	A	64	64	6	S
					--	-			--	-
NHW 337	410928	0713438	123	M	09-18-85	A	123	123	--	S
NHW 338	411229	0713412	63	M	00-00-83	H	96	96	4	O
NHW 339	411327	0713353	12	M	00-00-87	H	20	17	4	S
NHW 340	411250	0713335	[1]135	M	06-28-83	A	168	162	6	S
NHW 341	411250	0713352	119	A	08-04-76	C	170	170	6	S
NHW 342	411249	0713346	125	M	09-24-81	A	169	169	6	S

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 309	90	93	62	09-16-82	R	W	H	25	--	D
NHW 310	103	105	75	05-24-84	R	W	H	25	--	-
NHW 312	--	--	70	07-05-67	R	W	H	12	--	-
NHW 313	101	103	40	05-30-85	R	W	H	60	--	D
NHW 314	67	71	35	07-15-64	R	W	H	13	20	-
	--	--						22	--	-
NHW 315	49	52	10	05-11-82	R	W	H	1	--	D
NHW 316	29	32	21	06-14-79	R	W	H	5	--	D
NHW 317	72	75	46	05-06-70	R	W	H	30	14	D
NHW 318	--	--	--	--	-	W	C	--	--	-
NHW 319	--	--	24	00-00-82	R	W	C	--	--	-
NHW 320	240	245	127.2	03-04-88	S	W	H	--	--	D
NHW 321	103	108	--	--	-	W	H	20	--	D
NHW 322	170	180	89.80	03-09-88	S	U	U	160	--	D
	--	--						--	--	-
NHW 323	115	119	88	07-11-63	R	W	H	16	--	D
NHW 324	180	185	128	03-10-88	T	W	H	--	--	D
NHW 325	174	177	115	05-19-82	R	W	H	50	--	D
	--	--						10	20	-
NHW 328	217	220	124	08-06-79	R	W	H	70	--	D
NHW 329	168	172	102	08-12-75	R	W	H	7	48	D
	--	--						5	28	-
NHW 330	230	233	130	00-00-72	R	W	H	12	--	D
	--	--						60	--	-
NHW 331	--	--	160.1	03-10-88	T	W	H	--	--	-
NHW 332	209	214	155	08-14-87	R	W	H	20	--	D
NHW 333	170	175	160.5	03-10-88	T	U	U	2	--	-
	--	--						--	--	D
NHW 334	192	197	147	08-28-87	S	W	H	5	--	D
	--	--						--	--	-
NHW 335	160	170	140.4	03-11-88	T	W	H	8	--	-
	--	--						--	--	D
NHW 336	61	64	22	07-31-79	R	W	H	30	42	D
	--	--						7	6	-
NHW 337	120	123	110	09-18-85	R	W	H	10	--	D
NHW 338	--	--	61.10	03-11-88	S	W	H	--	--	-
NHW 339	12	17	6.17	03-11-88	S	W	H	--	--	D
NHW 340	159	162	135	06-28-83	R	W	H	28	--	D
NHW 341	167	170	118	08-04-76	R	W	H	5	--	D
NHW 342	166	169	127	09-24-81	R	W	H	20	--	D

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 343	411234	0713354	69	M	10-06-81	A	139	139	6	S
NHW 344	411315	0713354	[1]30	M	05-29-80	A	85	85	6	S
NHW 345	411305	0713345	65	M	06-17-66	C	97	97	6	S
NHW 346	411300	0713409	75	M	08-30-78	C	97	97	6	S
NHW 347	411301	0713355	60	M	07-14-81	A	154	107	6	S
					--	-			--	-
NHW 348	411231	0713415	63	M	06-21-83	A	114	114	6	S
NHW 349	411229	0713418	[1]60	M	06-12-79	A	105	105	6	S
NHW 350	411229	0713422	40	M	09-12-73	C	112	98	6	S
NHW 351	411229	0713432	35	M	03-00-83	H	65	65	4	S
NHW 352	411235	0713332	75	M	08-02-63	C	108	108	6	S
NHW 353	411216	0713415	48	M	05-29-80	A	84	84	6	S
NHW 354	411214	0713351	25	M	05-11-72	C	60	60	6	S
NHW 355	411208	0713350	32	M	08-20-75	C	68	68	6	S
NHW 356	411206	0713416	25	M	07-07-87	H	65	65	4	S
NHW 357	411135	0713404	25	M	--	H	75	75	6	S
NHW 358	411214	0713404	35	M	04-05-87	H	55	55	4	S
NHW 359	411301	0713404	62	M	00-00-86	H	110	110	--	-
NHW 360	411219	0713421	45	M	09-24-75	C	74	74	6	S
NHW 361	411217	0713411	40	M	07-27-71	C	64	64	6	S
NHW 362	411200	0713408	32	M	07-05-72	C	73	73	6	S
NHW 363	411158	0713359	32	M	05-13-76	C	63	62	6	S
NHW 364	411156	0713357	45	M	06-13-79	A	65	64	6	S
NHW 365	411151	0713415	30	M	08-11-87	A	64	64	6	S
NHW 366	411143	0713423	19	M	05-21-69	C	66	48	6	S
NHW 367	411143	0713418	20	M	04-24-68	C	53	53	--	S
NHW 369	411036	0713422	12	M	07-19-66	C	107	107	6	S
NHW 370	411037	0713418	37.81	L	10-15-69	C	95	95	6	S
NHW 371	411128	0713412	10	M	08-00-87	H	23	23	6	-
NHW 372	411042	0713407	7	M	05-12-78	C	58	58	6	S
NHW 373	411027	0713437	[1]30	M	06-01-77	C	63	63	6	S
NHW 374	411033	0713441	50	M	09-30-65	C	109	109	6	S
NHW 376	411045	0713435	42	M	10-18-73	C	161	160	--	S
NHW 377	411043	0713441	33	M	09-02-82	A	60	56	6	S
NHW 378	411051	0713444	11	M	06-21-76	C	60	56	6	S
NHW 379	411208	0713409	31	M	05-17-66	C	83	83	6	S
NHW 380	411025	0713400	10	M	10-18-83	A	131	131	6	S
NHW 381	411025	0713358	10	M	06-09-82	A	123	123	6	S
NHW 382	411128	0713424	10	M	05-12-67	C	49	22	6	S
NHW 383	411016	0713408	39.79	L	09-29-77	C	123	123	6	S

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 343	136	139	69	10-06-81	R	W	H	100	--	D
NHW 344	82	85	28	05-29-80	R	W	H	40	--	D
NHW 345	93	97	65	06-17-66	R	W	H	30	0	D
NHW 346	94	97	74	08-30-78	R	W	H	9	23	D
NHW 347	104	107	54	07-14-81	R	W	H	50	--	D
	--	--						10	6	-
NHW 348	111	114	60	06-21-83	R	W	H	8	30	D
NHW 349	102	105	58	06-12-79	R	W	H	60	--	D
NHW 350	95	98	52	09-12-73	R	W	H	15	26	D
NHW 351	62	65	--	--	-	W	H	--	--	-
NHW 352	104	108	68	08-02-63	R	W	H	25	--	D
NHW 353	81	84	47	05-29-80	R	W	H	10	8	D
NHW 354	57	60	26	05-11-72	R	W	H	25	--	D
NHW 355	65	68	32	08-20-75	R	W	H	25	--	D
NHW 356	--	--	26	07-07-87	R	W	H	40	--	D
NHW 357	--	--	--	--	-	W	H	70	--	-
NHW 358	--	--	--	--	-	W	H	40	--	D
NHW 359	--	--	--	--	-	W	H	6	--	-
NHW 360	70	74	47	09-24-75	R	W	H	50	0	D
NHW 361	61	64	40	07-27-71	R	W	H	35	0	D
NHW 362	70	73	21	07-05-72	R	W	H	20	--	D
NHW 363	59	62	34	05-13-76	R	W	H	45	--	D
NHW 364	61	64	39	06-13-79	R	W	H	55	25	D
NHW 365	61	64	--	--	-	W	H	70	--	D
NHW 366	44	48	16	05-21-69	R	W	H	25	--	D
NHW 367	49	53	19	04-24-68	R	W	H	35	21	D
NHW 369	103	107	30	07-19-66	R	W	H	10	--	D
NHW 370	92	95	40	10-15-69	R	W	F	25	36	D
NHW 371	--	--	9.9	04-28-88	T	Z	U	--	--	D
NHW 372	54	58	4	05-12-78	R	W	H	15	26	D
NHW 373	60	63	20	06-01-77	R	W	H	15	--	D
NHW 374	105	109	42	09-30-65	R	W	H	15	--	D
NHW 376	156	160	33	10-18-73	R	W	H	14	37	D
NHW 377	53	56	20	09-02-82	R	W	H	30	--	D
NHW 378	53	56	12	06-21-76	R	W	C	18	--	D
NHW 379	79	83	40	05-17-66	R	Z	U	35	25	D
NHW 380	128	131	4	10-18-83	R	W	H	100	--	D
NHW 381	120	123	2	06-09-82	R	W	H	50	--	D
NHW 382	19	22	10.53	04-21-88	S	W	H	4	--	D
NHW 383	120	123	38	09-29-77	R	W	H	3	--	D

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 384	411022	0713333	12	M	06-17-81	A	86	86	6	S
NHW 385	411021	0713331	15	M	05-13-83	A	70	70	6	S
NHW 386	410948	0713305	60	M	07-25-85	A	119	119	--	S
NHW 387	411209	0713409	31	M	06-23-70	C	83	82	6	S
NHW 388	411231	0713405	57	M	03-00-88	H	80	80	4	S
NHW 389	411231	0713420	55	M	00-00-87	H	100	72	4	S
					--	-			--	-
NHW 390	411219	0713433	23	M	12-00-85	H	68	68	4	S
NHW 391	411043	0713415	20	M	05-05-76	C	64	64	6	S
NHW 392	411139	0713418	9	M	05-17-72	C	40	38	6	S
NHW 393	411139	0713417	5	M	--	D	8	8	--	-
NHW 394	411313	0713357	15	M	--	D	8	8	30	O
NHW 395	411313	0713357	15	M	10-10-66	C	42	42	6	S
NHW 396	411308	0713358	20	M	06-29-79	Z	128	128	6	S
NHW 397	411041	0713415	30	M	08-01-68	C	60	60	6	S
NHW 399	411027	0713343	12	M	05-11-83	A	91	90	6	S
NHW 400	411008	0713409	55	M	06-06-72	C	137	137	6	S
NHW 401	410958	0713403	46.08	L	06-25-81	C	112	111	6	S
NHW 402	410956	0713400	[1]60.70	L	05-19-76	C	145	144	6	S
					--	-			--	-
NHW 403	411010	0713403	48	M	10-31-69	C	157	155	6	S
NHW 404	410903	0713405	128	M	10-06-67	C	134	134	6	S
NHW 405	410941	0713619	70	M	08-09-83	A	144	144	6	S
NHW 406	411023	0713544	159	M	10-24-72	C	178	178	6	S
NHW 407	411234	0713333	65	M	08-17-77	C	90	90	--	-
NHW 408	411025	0713406	5	M	00-00-83	D	6	6	48	C
NHW 409	411023	0713403	5	M	--	D	--	--	--	-
NHW 410	411026	0713433	35	M	07-20-73	C	84	82	6	S
NHW 411	411028	0713430	30	M	09-10-74	C	71	70	6	S
NHW 412	411026	0713439	53	M	08-06-64	C	90	90	--	S
NHW 413	411020	0713441	40	M	00-00-64	C	75	75	--	-
NHW 414	411014	0713429	50	M	00-00-83	B	85	85	--	S
NHW 415	411324	0713343	45	M	08-25-78	C	68	68	6	S
NHW 416	411011	0713634	28	A	07-09-74	C	45	44	6	S
					--	-			--	-
NHW 417	410933	0713408	128.46	L	05-21-81	A	247	247	6	S
					--	-			--	-
NHW 418	411049	0713453	35	M	--	D	7	7	24	W
NHW 419	411036	0713418	35	M	06-08-88	H	53	52	4	S
NHW 421	410940	0713251	85	M	12-00-87	H	211	211	4	S

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 384	82	86	12	06-17-81	R	W	P	200	--	D
NHW 385	67	70	15	05-13-83	R	U	U	20	25	D
NHW 386	116	119	50	07-25-85	R	W	H	25	--	D
NHW 387	78	82	41	06-23-70	R	W	P	40	0	D
NHW 388	75	80	50.72	04-21-88	S	W	H	--	--	-
NHW 389	67	72	49.15	04-21-88	S	U	U	10	--	-
	--	--						--	--	D
NHW 390	--	--	--	--	-	W	H	--	--	-
NHW 391	61	64	16	05-05-76	R	W	R	22	8	D
NHW 392	35	38	7	05-17-72	R	W	H	35	--	D
NHW 393	--	--	1.97	05-03-88	S	U	U	--	--	-
NHW 394	--	--	5.70	05-03-88	S	U	U	--	--	-
NHW 395	38	42	7	10-10-66	R	W	H	35	--	D
NHW 396	125	128	12	06-29-79	R	W	H	10	98	D
NHW 397	56	60	19.14	05-04-88	S	W	H	25	35	D
NHW 399	87	90	12	05-11-83	R	W	C	50	--	-
NHW 400	134	137	--	--	-	W	H	40	--	-
NHW 401	109	111	23	06-25-81	R	W	H	12	25	D
NHW 402	141	144	60	05-19-76	R	W	H	12	50	D
	--	--						5	10	-
NHW 403	152	155	41	10-31-69	R	W	H	35	13	D
NHW 404	130	134	99	10-06-67	R	W	H	20	27	D
NHW 405	140	144	60	08-09-83	R	W	H	75	--	D
NHW 406	175	178	150	10-24-72	R	W	H	28	--	D
NHW 407	--	--	--	--	-	Z	U	--	--	D
NHW 408	--	--	2.44	05-12-88	S	W	H	5	--	-
NHW 409	--	--	0.23	05-12-88	S	W	H	--	--	-
NHW 410	79	82	--	--	-	W	H	6	--	D
NHW 411	67	70	30	09-10-74	R	W	H	15	10	D
NHW 412	86	90	28	08-07-64	R	W	H	6	--	-
NHW 413	--	--	--	--	-	W	H	10	--	-
NHW 414	--	--	--	--	-	W	H	10	--	-
NHW 415	64	68	45	08-25-78	R	W	H	25	--	D
NHW 416	41	44	26.60	04-13-88	S	U	U	15	--	D
	--	--						15	--	-
NHW 417	244	247	124.45	03-29-88	S	U	U	130	--	D
	--	--						150	--	-
NHW 418	--	--	3.49	05-17-88	S	U	U	--	--	D
NHW 419	48	52	32.8	06-09-88	T	W	F	--	--	D
NHW 421	--	--	--	--	-	W	H	--	--	D

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 422	411037	0713457	70	M	06-01-88	H	239	239	4	S
NHW 424	410936	0713357	121.93	L	00-00-65	C	130	130	--	S
NHW 425	410929	0713404	136.85	L	08-06-65	C	246	246	8	S
					--	-			6	-
					--	-			--	-
NHW 426	411027	0713419	15	M	11-11-67	C	138	138	--	S
NHW 427	411059	0713458	20	M	--	D	--	--	30	C
NHW 428	411059	0713500	26	M	05-27-81	A	62	62	6	S
NHW 429	411100	0713459	5	M	00-00-86	H	14	14	8	-
NHW 431	410947	0713258	47	M	00-00-87	H	78	77	4	S
NHW 432	410945	0713257	39	M	08-21-81	C	123	123	6	S
NHW 433	411231	0713416	60	M	10-10-69	C	112	111	--	S
NHW 434	411003	0713326	85	M	06-00-80	H	110	110	4	S
NHW 435	410957	0713301	28	M	07-28-66	C	93	93	--	S
NHW 436	410949	0713350	115	M	06-14-83	A	195	195	6	S
NHW 437	411055	0713601	55	M	07-21-77	C	62	62	6	S
NHW 438	411033	0713508	75	M	08-24-83	A	108	108	6	S
NHW 440	411048	0713430	18	M	09-09-81	A	42	42	6	S
NHW 442	410943	0713251	73	M	07-27-66	C	100	100	6	S
NHW 443	410952	0713343	105	M	08-31-82	A	202	202	6	S
NHW 445	411055	0713601	55	M	--	D	18	18	30	C
NHW 449	410949	0713304	[1]60	M	09-22-83	A	73	73	--	S
NHW 450	410900	0713426	120	M	05-11-71	C	140	140	6	S
NHW 451	410932	0713258	120	M	11-03-76	C	220	220	--	S
NHW 452	410923	0713314	158	M	08-27-70	C	235	235	6	S
NHW 453	410919	0713314	145	M	06-25-74	C	113	113	6	S
NHW 455	410953	0713603	100	M	07-28-70	C	162	162	6	S
NHW 461	411021	0713354	40	M	10-08-86	A	73	73	6	S
NHW 463	411007	0713636	18	M	07-14-88	H	65	63	4	S
NHW 465	411305	0713342	69	M	06-10-66	C	89	88	6	S
NHW 466	411044	0713412	17	M	07-23-63	C	61	61	6	S
NHW 467	411042	0713415	20	M	06-15-67	C	53	53	6	S
NHW 468	411018	0713321	40	M	00-00-87	Z	128	128	4	-
NHW 469	411010	0713554	100	M	07-26-88	H	183	97	4	S
					--	-			--	-
NHW 501	411009	0713320	65	M	07-16-81	A	113	113	6	S
					--	-			--	-
NHW 502	411011	0713324	58	M	07-15-82	A	124	124	6	S
NHW 503	411013	0713329	[1]35	M	07-30-81	A	94	93	6	S
NHW 504	411008	0713333	80	M	05-10-83	A	82	81	6	S

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 422	234	239	85	06-02-88	R	W	H	50	144	D
NHW 424	120	130	33.44	06-21-89	S	U	U	26	--	D
NHW 425	242	246	132	00-00-70	R	W	P	40	31	D
	--	--						36	28	-
	--	--						80	--	-
NHW 426	134	138	14	11-11-67	R	W	E	35	66	D
NHW 427	--	--	8.32	03-09-88	S	U	U	--	--	-
NHW 428	60	62	25.8	03-09-88	T	W	C	20	--	D
NHW 429	--	--	2.6	03-09-88	T	U	U	--	--	D
NHW 431	72	77	20	00-00-87	R	W	H	--	--	D
NHW 432	120	123	39	08-21-81	R	W	H	40	--	D
NHW 433	109	111	57	10-10-69	R	W	H	20	8	D
NHW 434	--	--	50	06-00-80	R	W	P	--	--	-
NHW 435	89	93	21	07-28-66	R	W	H	40	0	D
NHW 436	192	195	108	06-14-83	R	W	H	75	--	D
NHW 437	58	62	36	07-21-77	R	W	H	10	--	D
NHW 438	105	108	73.4	06-29-89	T	W	H	25	--	D
NHW 440	39	42	15	09-09-81	R	W	H	20	--	D
NHW 442	--	--	74	07-27-66	R	W	-	7	--	-
NHW 443	199	202	107	08-31-82	R	W	P	70	--	D
NHW 445	--	--	8.14	06-23-88	S	U	U	--	--	-
NHW 449	71	73	20	09-22-83	R	W	H	14	--	D
NHW 450	138	140	120	05-11-71	R	W	H	25	13	D
NHW 451	216	220	107	11-03-76	R	W	H	6	53	D
NHW 452	232	235	150	08-27-70	R	W	H	12	30	D
NHW 453	110	113	84	06-25-74	R	W	H	20	--	D
NHW 455	160	162	95	07-28-70	R	W	H	30	12	D
NHW 461	71	73	30	10-08-86	R	W	H	20	--	D
NHW 463	58	63	--	--	-	W	H	2	--	D
NHW 465	84	88	69	06-10-66	R	W	H	38	--	D
NHW 466	57	61	14	07-23-63	R	W	H	40	--	D
NHW 467	49	53	17	06-15-67	R	W	P	40	24	D
NHW 468	--	--	39.46	06-19-89	S	W	U	--	--	-
NHW 469	92	97	75.3	07-28-88	T	W	H	--	--	-
	--	--						--	--	D
NHW 501	110	113	28	07-16-81	R	W	P	50	--	D
	--	--						25	22	-
NHW 502	121	124	55	07-15-82	R	W	H	100	--	D
NHW 503	90	93	26	07-30-81	R	W	P	75	--	D
NHW 504	78	81	50	05-10-83	R	W	P	12	--	D

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 505	410921	0713300	115	M	05-08-79	A	234	234	6	S
					--	-			--	-
NHW 506	410917	0713301	135	M	05-10-79	A	207	207	6	S
NHW 508	410920	0713309	140	M	07-10-69	C	144	143	6	S
NHW 509	410927	0713257	115	M	09-22-81	A	215	214	6	S
NHW 511	411020	0713319	10	M	05-26-82	A	51	51	6	S
NHW 512	410928	0713301	125	M	09-22-86	A	245	245	6	S
NHW 514	410950	0713252	40	M	06-06-67	C	150	150	6	S
NHW 515	410951	0713255	40	M	08-06-85	A	149	149	6	S
NHW 516	410952	0713254	43	M	06-12-81	A	54	54	6	S
NHW 517	411002	0713319	80	M	07-17-81	A	127	127	6	S
NHW 519	410958	0713313	[1]60	M	08-00-87	A	121	121	6	S
NHW 520	410948	0713312	98	M	09-11-69	C	103	103	6	S
NHW 521	410949	0713306	85	M	09-04-80	A	124	124	6	S
NHW 522	410951	0713300	50	M	06-20-74	C	79	79	6	S
NHW 523	410940	0713310	90	M	09-04-79	A	84	84	6	S
					--	-			--	-
NHW 524	410938	0713313	115	M	05-20-68	C	193	193	6	S
NHW 526	410939	0713307	[1]127	M	07-02-81	A	219	219	6	S
NHW 527	410937	0713303	85	M	09-14-70	C	186	186	6	S
					--	-			5	-
NHW 528	410916	0713325	160	M	08-23-85	A	190	190	6	S
NHW 529	410931	0713328	159	M	08-05-80	A	144	144	6	S
NHW 530	410934	0713338	145	M	08-21-85	A	164	164	6	S
NHW 531	410935	0713339	145	M	--	-	151	151	--	S
					--	-			--	-
NHW 532	410923	0713327	145	M	06-11-71	C	111	111	6	S
NHW 533	410935	0713329	144	M	05-31-73	C	155	155	6	S
NHW 534	410938	0713335	137	M	05-23-75	C	128	128	6	S
NHW 535	410927	0713432	154.42	L	08-07-68	C	163	163	6	S
NHW 537	410915	0713401	151	M	08-20-87	H	182	182	4	S
NHW 538	410919	0713424	[1]164	A	07-27-72	C	120	120	6	S
NHW 539	410922	0713421	140	M	06-16-67	C	53	52	6	S
NHW 540	410912	0713431	170	M	08-20-79	A	231	231	6	S
					--	-			--	-
NHW 541	410920	0713441	110	M	04-15-66	C	83	83	6	S
NHW 542	410909	0713435	[1]154	A	10-15-71	C	216	216	6	O
NHW 543	410907	0713440	[1]130	A	06-04-85	A	225	225	6	S
NHW 544	410902	0713435	120	M	09-09-66	C	93	93	6	S
NHW 545	410902	0713434	115	M	09-29-70	C	146	145	6	S

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 505	231	234	138	05-08-79	R	W	H	40	--	D
	--	--						10	12	-
NHW 506	204	207	130	05-10-79	R	W	H	10	20	D
NHW 508	140	143	113	07-10-69	R	W	H	28	5	D
NHW 509	211	214	100	09-22-81	R	W	H	95	--	D
NHW 511	49	51	10	05-26-82	R	Z	U	40	--	D
NHW 512	242	245	120	09-22-86	R	W	H	50	--	D
NHW 514	146	150	34	06-06-67	R	W	H	35	12	D
NHW 515	146	149	50	08-06-85	R	W	H	70	--	D
NHW 516	50	54	--	--	-	W	H	4	--	D
NHW 517	124	127	58	07-17-81	R	W	P	100	--	D
NHW 519	--	--	30	08-00-87	R	W	H	35	--	-
NHW 520	100	103	68	09-11-69	R	W	H	6	--	D
NHW 521	121	124	72	09-04-80	R	W	H	40	--	D
NHW 522	76	79	22	06-20-74	R	W	H	40	--	D
NHW 523	81	84	38	09-04-79	R	W	H	37	--	D
	--	--						8	7	-
NHW 524	190	193	96	05-20-68	R	W	H	35	1	D
NHW 526	218	219	111	07-02-81	R	W	H	10	39	D
NHW 527	181	186	85	09-14-70	R	W	H	14	45	D
	--	--						--	--	-
NHW 528	188	190	--	--	-	W	H	20	--	D
NHW 529	141	144	121	08-05-80	R	W	H	20	19	D
NHW 530	161	164	--	--	-	W	H	45	--	D
NHW 531	--	--	108	11-03-70	R	U	U	7	32	-
	--	--						6	--	-
NHW 532	107	111	85	06-11-71	R	W	H	35	15	D
NHW 533	152	155	105	05-31-73	R	W	H	14	--	D
NHW 534	126	128	94	05-23-75	R	W	H	5	--	D
NHW 535	159	163	123	08-07-68	R	W	H	15	10	D
NHW 537	--	--	151	08-20-87	R	W	H	20	--	-
NHW 538	117	120	99	07-27-72	R	W	H	16	21	D
NHW 539	48	52	9	06-16-67	R	W	H	10	43	D
NHW 540	228	231	165	08-20-79	R	W	H	22	--	D
	--	--						8	15	-
NHW 541	79	83	55	04-15-66	R	W	H	30	--	D
NHW 542	--	--	152	10-15-71	R	W	H	30	--	D
NHW 543	222	225	150	06-04-85	R	W	H	30	--	D
NHW 544	90	93	68	09-09-66	R	W	H	30	11	D
NHW 545	142	145	--	--	-	W	H	25	--	D

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONSTRUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 546	410859	0713430	95	M	05-27-86	A	143	143	6	S
NHW 547	410906	0713427	143	M	09-17-79	A	224	223	6	S
NHW 548	410902	0713414	121.12	L	07-27-77	C	161	158	6	S
NHW 549	410902	0713413	130.13	L	05-07-80	A	130	130	6	S
NHW 550	410905	0713414	115	M	09-16-65	C	96	96	6	S
NHW 551	410904	0713407	135	M	09-04-74	C	104	104	6	S
NHW 552	410901	0713358	147	A	10-11-66	C	194	194	6	S
NHW 553	410906	0713358	155	M	10-18-69	C	131	131	6	S
NHW 554	410906	0713400	[1]152.49	L	05-14-80	A	200	199	6	S
					--	-			--	-
NHW 555	410911	0713400	150	A	05-20-70	C	145	145	6	S
NHW 556	410910	0713358	167.82	L	09-09-83	A	222	222	6	S
NHW 557	410917	0713356	171.62	L	06-30-70	C	260	260	5	S
NHW 558	410909	0713353	177	M	08-23-67	C	206	206	6	S
NHW 559	410909	0713347	160	M	05-31-74	C	217	217	6	S
					--	-			--	-
NHW 560	410913	0713349	175	M	07-12-72	C	248	248	6	O
NHW 561	410913	0713353	179	M	06-13-73	C	240	240	6	S
NHW 562	410915	0713355	160	M	07-22-80	A	201	200	6	S
NHW 563	410917	0713345	175	M	08-31-67	C	206	206	6	S
NHW 564	410924	0713356	150.14	L	09-14-82	A	114	114	6	S
					--	-			--	-
NHW 565	410928	0713353	163	M	05-15-69	C	108	104	6	S
NHW 566	410929	0713354	151	A	09-15-82	A	114	114	6	S
NHW 567	410937	0713346	135	M	07-13-82	A	164	164	6	S
					--	-			--	-
NHW 569	410932	0713341	162	M	05-17-79	A	162	162	6	S
NHW 570	410931	0713344	165	M	10-08-71	C	165	164	6	S
NHW 571	410925	0713334	172	M	05-29-86	A	267	267	6	S
NHW 572	410950	0713347	110	M	11-13-72	C	146	146	6	S
					--	-			--	-
NHW 573	410951	0713348	118	M	06-30-82	A	190	190	6	S
NHW 574	410950	0713352	[1]115	M	09-07-83	A	194	194	6	S
NHW 575	410905	0713353	150	M	06-08-76	C	195	195	6	S
NHW 576	411318	0713354	25	M	07-10-75	C	51	51	6	S
NHW 577	410932	0713430	130.61	L	08-21-68	C	93	93	--	S
NHW 578	411023	0713536	170	M	05-11-89	-	270	270	--	S
					--	-			--	-
NHW 581	411125	0713516	5	M	00-00-87	D	10	10	36	O

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 546	141	143	120	05-27-86	R	W	H	12	--	D
NHW 547	220	223	168	09-17-79	R	W	H	40	--	D
NHW 548	155	158	120	07-27-77	R	W	H	6	--	D
NHW 549	127	130	75	05-07-80	R	W	H	15	--	D
NHW 550	92	96	58	06-16-65	R	W	H	35	--	D
NHW 551	101	104	60	09-04-74	R	W	H	12	20	D
NHW 552	190	194	130	10-11-66	R	W	H	8	40	D
NHW 553	128	131	104	10-18-69	R	W	H	20	11	D
NHW 554	196	199	150	05-14-80	R	W	H	25	49	D
	--	--						7	20	-
NHW 555	142	145	117	05-20-70	R	W	H	12	9	D
NHW 556	219	222	170	09-09-83	R	W	H	40	--	D
NHW 557	256	260	170	06-30-70	R	W	H	18	2	D
NHW 558	204	206	177	08-23-67	R	W	H	18	--	D
NHW 559	214	217	160	05-31-74	R	W	H	15	57	D
	--	--						7	20	-
NHW 560	248	--	177	07-12-72	R	W	H	15	--	D
NHW 561	238	240	179	06-13-73	R	W	H	8	19	D
NHW 562	196	200	168	07-22-80	R	W	H	12	--	D
NHW 563	202	206	164	08-31-67	R	W	-	9	16	D
NHW 564	111	114	58	09-14-82	R	W	H	40	--	D
	--	--						12	22	-
NHW 565	101	104	78	05-15-69	R	W	H	8	--	D
NHW 566	111	114	60	09-15-82	R	W	H	29	--	D
NHW 567	161	164	100	07-13-82	R	W	H	75	--	D
	--	--						5	10	-
NHW 569	158	162	130	05-17-79	R	W	H	50	--	D
NHW 570	162	164	136	10-08-71	R	W	H	5	--	D
NHW 571	240	267	162	05-29-86	R	W	H	40	--	-
NHW 572	143	146	70	11-13-72	R	W	H	20	--	D
	--	--						12	20	-
NHW 573	187	190	115	06-30-82	R	W	H	50	--	D
NHW 574	190	194	115	09-07-83	R	W	H	50	--	D
NHW 575	192	195	165	06-08-76	R	W	H	5	--	D
NHW 576	48	51	20	07-10-75	R	W	H	45	--	D
NHW 577	89	93	56	08-21-68	R	W	H	10	--	D
NHW 578	266	270	--	--	-	W	H	--	--	D
	--	--						--	--	D
NHW 581	--	--	--	--	-	W	H	2	--	-

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 582	411122	0713522	5	M	07-00-86	V	18	18	1.2	S
NHW 583	411117	0713532	32	M	08-16-72	C	144	144	--	S
NHW 601	411008	0713637	33	M	06-26-80	A	45	45	6	S
NHW 604	411010	0713637	25	M	06-17-77	P	42	40	6	S
NHW 606	411012	0713616	75	M	07-02-82	A	84	84	6	S
					--	-			--	-
NHW 607	411010	0713615	105	M	07-19-67	C	136	136	6	S
NHW 609	411018	0713611	90	M	05-06-75	C	139	138	6	S
NHW 610	411018	0713608	98	M	08-01-75	C	123	123	6	S
NHW 612	411017	0713632	52	M	09-08-81	A	91	91	6	S
					--	-			--	-
NHW 613	411021	0713629	25	M	05-01-86	H	77	77	4	S
NHW 614	411023	0713622	43	M	07-12-66	C	102	102	6	S
NHW 615	411028	0713624	38	M	09-29-66	C	62	62	6	S
NHW 616	411033	0713626	[1]60	M	05-27-80	A	92	92	--	S
NHW 617	411038	0713619	60	M	05-23-72	C	90	90	6	S
NHW 618	411052	0713615	50	M	09-13-63	C	86	86	6	S
NHW 619	411050	0713616	44	M	07-11-67	C	93	93	6	S
NHW 620	411044	0713619	39	M	00-00-84	H	110	110	4	S
NHW 621	411051	0713613	62	M	09-00-84	H	120	120	4	S
NHW 622	411044	0713614	65	M	05-06-81	A	85	83	6	S
NHW 623	411032	0713621	48	M	05-26-72	C	62	62	6	S
NHW 624	411034	0713622	55	M	00-00-87	H	--	--	6	S
NHW 625	411030	0713625	35	M	07-23-65	C	56	56	6	S
NHW 626	411016	0713619	48	M	00-00-86	H	95	95	4	S
NHW 627	410910	0713404	136.19	L	12-14-88	B	27	26	2	S
					--	-			2	-
NHW 628	410927	0713404	133.91	L	12-14-88	B	25	23	2	S
					--	-			2	-
NHW 629	410928	0713416	136.92	L	12-14-88	B	35	33	2	S
					--	-			2	-
NHW 630	410919	0713423	166.35	L	12-15-88	B	39	39	2	S
					--	-			2	-
NHW 631	410946	0713510	146.07	L	12-13-88	B	64	62	2	S
					--	-			2	-
NHW 632	410942	0713438	103.22	L	12-13-88	B	22	22	2	S
					--	-			2	-
NHW 633	411023	0713449	[1]70	M	05-27-71	C	122	121	6	S
NHW 635	411035	0713536	153	M	05-10-77	A	183	183	--	S
NHW 636	410954	0713538	128	M	00-00-70	D	10	10	30	O

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 582	--	--	--	--	-	W	H	5	--	-
NHW 583	141	144	32	08-16-72	R	W	H	15	--	D
NHW 601	42	45	33	06-26-80	R	W	H	8	2	D
NHW 604	37	40	19	06-17-77	R	W	H	9	--	D
NHW 606	80	84	40	07-02-82	R	W	H	50	--	D
	--	--						13	20	-
NHW 607	132	136	98	07-27-67	R	W	H	20	28	D
NHW 609	136	138	86	05-06-75	R	W	H	12	24	D
NHW 610	120	123	72	08-01-75	R	W	H	15	28	D
NHW 612	88	91	50	09-08-81	R	W	H	45	--	D
	--	--						15	10	-
NHW 613	72	77	--	--	-	W	H	--	--	-
NHW 614	98	102	40	07-12-66	R	W	H	8	--	D
NHW 615	58	62	38	09-29-66	R	W	H	30	7	D
NHW 616	90	92	60	05-27-80	R	W	H	30	30	D
NHW 617	87	90	60	05-23-72	R	W	H	12	--	D
NHW 618	82	86	42	09-13-63	R	W	H	38	--	-
NHW 619	89	93	44	07-11-67	R	W	H	30	22	D
NHW 620	--	--	--	--	-	W	H	--	--	-
NHW 621	--	--	--	--	-	W	H	--	--	-
NHW 622	80	83	60	05-06-81	R	W	H	30	--	D
NHW 623	58	62	46	05-26-72	R	W	H	35	--	D
NHW 624	74	77	--	--	-	W	H	14	33	-
NHW 625	52	56	36	07-23-65	R	W	H	30	--	D
NHW 626	90	95	45	00-00-86	R	W	H	10	--	D
NHW 627	21	26	16.1	12-15-88	Z	O	U	--	--	G
	--	--						--	--	-
NHW 628	20	23	18.7	12-15-88	Z	O	U	--	--	G
	--	--						--	--	-
NHW 629	28	33	16.8	12-15-88	S	O	U	--	--	G
	--	--						--	--	-
NHW 630	34	39	35.28	03-28-89	S	O	U	--	--	G
	--	--						--	--	-
NHW 631	59	62	--	--	-	O	U	--	--	G
	--	--						--	--	-
NHW 632	18	22	18.2	12-15-88	Z	O	U	--	--	G
	--	--						--	--	-
NHW 633	118	121	73	05-27-71	R	W	H	4	7	D
NHW 635	180	183	153	05-10-77	R	W	H	15	--	D
NHW 636	--	--	4.89	06-08-89	S	W	H	--	--	-

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 640	410927	0713643	[1]60	M	00-00-89	H	63	63	--	S
NHW 650	411304	0713350	60	M	07-16-68	C	134	133	6	S
NHW 651	411257	0713404	[1]88	M	06-27-77	C	108	108	6	S
NHW 652	411240	0713407	80	M	08-19-71	C	110	109	6	S
NHW 654	411234	0713410	62	M	06-26-75	C	124	124	6	S
					--	-			--	-
NHW 655	411239	0713406	86	M	04-22-69	C	110	110	6	S
NHW 656	411232	0713410	55	M	05-26-83	A	85	85	6	S
NHW 657	411228	0713404	53	M	08-31-76	C	84	84	6	S
NHW 658	411159	0713424	8	M	09-27-77	C	32	32	6	S
NHW 659	411129	0713413	17	M	07-11-64	C	65	55	6	S
NHW 660	411104	0713412	14	A	06-26-84	A	111	111	6	S
NHW 661	411028	0713352	5	M	06-15-83	Z	96	96	6	S
NHW 662	411034	0713407	29	M	10-07-69	C	58	57	6	S
NHW 664	411050	0713427	5.66	L	06-05-86	Z	139	139	6	S
NHW 665	411048	0713446	20	M	04-25-68	C	53	52	6	S
NHW 667	411101	0713418	[1]40	M	07-17-84	Z	117	117	6	S
NHW 668	411216	0713356	20	M	10-15-68	C	111	111	--	S
NHW 669	411024	0713401	[1]30	M	08-25-79	C	100	100	6	S
NHW 670	410940	0713638	70	M	08-11-88	H	110	110	4	S
NHW 671	410949	0713535	165	M	--	-	188	186	--	-
NHW 672	411056	0713609	25	M	07-29-71	C	50	50	6	S
NHW 673	411202	0713425	15	M	06-13-79	A	46	45	6	S
NHW 674	411224	0713416	38	M	09-13-78	C	64	64	6	S
NHW 675	411155	0713353	30	M	08-00-87	A	64	64	6	S
NHW 676	410942	0713609	80	M	09-02-80	A	185	184	6	S
					--	-			--	-
NHW 677	410945	0713608	50	M	08-21-80	A	124	124	6	S
					--	-			--	-
NHW 678	410939	0713604	95	M	05-09-74	C	131	131	6	S
NHW 679	410934	0713550	125	M	09-26-78	C	195	195	6	S
					--	-			--	-
NHW 680	411029	0713603	65	M	06-01-71	C	106	106	6	S
NHW 682	410952	0713507	159	A	05-08-80	A	237	237	6	S
NHW 684	410858	0713458	110	M	06-24-69	C	168	168	6	S
NHW 685	411158	0713403	38	M	05-20-75	C	69	68	--	S
NHW 686	410912	0713442	116	A	09-16-69	C	184	184	6	S
					--	-			--	-
NHW 687	411025	0713403	19.85	L	05-07-82	A	135	135	6	S
					--	-			--	-

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 640	58	63	56	00-00-89	R	W	H	5	--	D
NHW 650	130	133	60	07-16-68	R	W	H	8	--	D
NHW 651	106	108	86	06-27-77	R	W	H	30	--	D
NHW 652	106	109	78	08-19-71	R	W	H	9	--	D
NHW 654	121	124	63	06-26-75	R	W	H	7	--	D
	--	--						5	17	-
NHW 655	106	110	88	04-22-69	R	W	H	9	--	D
NHW 656	82	85	55	05-26-83	R	W	H	65	--	D
NHW 657	80	84	53	08-31-76	R	W	H	25	--	D
NHW 658	28	32	6	09-27-77	R	W	H	3	--	D
NHW 659	51	55	17	07-11-64	R	W	H	10	--	-
NHW 660	108	111	15	06-26-84	R	W	H	6	30	D
NHW 661	93	96	4	06-15-83	R	W	H	3	--	D
NHW 662	53	57	28	10-07-69	R	W	H	38	--	D
NHW 664	--	--	3	06-05-86	R	W	C	35	--	D
NHW 665	48	52	12	04-25-68	R	W	Z	10	--	D
NHW 667	114	117	40	07-17-84	R	W	H	6	--	D
NHW 668	108	111	31	09-24-70	R	W	H	18	29	D
NHW 669	96	100	30	08-25-79	R	W	C	7	60	D
NHW 670	105	110	72.2	08-12-88	S	W	H	60	--	D
NHW 671	--	--	83	08-18-88	R	W	H	--	--	-
NHW 672	48	50	24	07-29-71	R	W	H	25	4	-
NHW 673	42.3	45	15	06-13-79	R	W	H	50	30	D
NHW 674	60.5	64	38	09-13-78	R	W	H	50	--	D
NHW 675	60.7	64	--	--	-	W	H	80	--	D
NHW 676	181	184	80	09-02-80	R	W	H	50	--	D
	--	--						11	10	-
NHW 677	121	124	45	08-21-80	R	W	H	50	--	D
	--	--						12	40	-
NHW 678	128	131	75	05-09-74	R	W	H	15	15	D
NHW 679	192	195	120	09-26-78	R	W	H	30	75	D
	--	--						8	10	-
NHW 680	103	106	63	06-01-71	R	W	H	7	7	D
NHW 682	234	237	138	05-08-80	R	W	H	12	99	D
NHW 684	167	168	70	06-16-70	R	W	H	10	40	D
NHW 685	64	68	38	05-20-75	R	W	H	45	--	D
NHW 686	181	184	115	09-16-69	R	W	H	18	--	D
	--	--						8	15	-
NHW 687	132	135	17	05-07-82	R	W	H	50	--	D
	--	--						5	5	-

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 688	411016	0713400	45	M	07-27-83	A	130	130	6	S
NHW 689	411006	0713323	90	M	10-04-83	A	128	105	6	S
NHW 690	411007	0713342	30	M	05-00-85	B	90	90	4	S
NHW 691	410934	0713305	105	M	06-22-67	C	216	216	6	S
NHW 692	410933	0713327	155	M	04-29-69	C	254	254	6	S
NHW 693	410954	0713436	114	A	05-13-80	A	144	144	6	S
NHW 695	411003	0713403	43.28	L	07-01-71	C	105	103	6	S
NHW 696	410956	0713626	55	M	09-03-80	A	104	104	6	S
					--	-			--	-
NHW 698	411029	0713600	[1]106	M	11-02-67	C	161	160	6	S
NHW 699	411038	0713605	120	M	07-04-63	C	144	144	6	S
NHW 700	411040	0713609	90	M	07-14-83	A	148	148	6	S
NHW 703	411006	0713600	[1]110	M	06-18-68	C	190	190	6	S
					--	-			--	-
NHW 704	411022	0713544	165	M	11-18-69	C	186	185	6	O
					--	-			--	-
NHW 706	411021	0713503	100	M	07-24-79	A	244	244	6	S
					--	-			--	-
NHW 708	411056	0713515	55	M	08-15-69	C	102	102	--	S
NHW 709	411052	0713521	80	M	07-06-67	C	109	109	6	S
NHW 710	410940	0713549	120	M	06-27-80	A	164	164	6	S
NHW 712	410958	0713527	[1]140	M	08-23-88	H	165	163	4	S
					--	-			4	-
NHW 714	411025	0713348	15	M	06-08-83	A	107	107	--	S
					--	-			--	-
NHW 715	411022	0713343	15	M	06-18-81	A	86	86	--	S
NHW 716	411014	0713323	40	M	09-16-80	A	124	124	6	S
					--	-			--	-
NHW 717	411012	0713327	[1]80	M	07-26-83	A	92	92	--	S
NHW 718	411223	0713415	38	M	11-00-88	H	63	60	--	S
NHW 720	410920	0713614	100	M	08-19-70	C	198	198	--	S
NHW 721	410959	0713607	110	M	05-29-85	A	162	161	6	S
NHW 722	411018	0713450	[1]45	M	08-11-83	A	153	153	6	S
NHW 723	411016	0713406	50	M	04-25-72	C	123	123	6	S
NHW 724	411049	0713547	80	M	10-25-67	C	121	121	6	S
NHW 725	411231	0713433	40	M	03-00-89	Z	68	68	--	S
NHW 726	411054	0713558	95	M	09-26-88	H	138	138	--	S
NHW 727	411058	0713516	60	M	11-27-88	H	93	89	--	S
NHW 732	411143	0713403	42	M	09-00-88	H	93	90	--	S
NHW 738	410953	0713452	135	M	09-25-72	C	147	147	6	S

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 688	127	130	--	--	-	W	H	100	--	D
NHW 689	102	105	65	10-04-83	R	W	H	50	--	D
NHW 690	--	--	--	--	-	W	H	60	--	-
NHW 691	213	216	100	06-22-67	R	W	H	35	7	D
NHW 692	252	254	154	04-29-69	R	W	H	20	0	D
NHW 693	141	144	80	05-13-80	R	W	H	12	--	D
NHW 695	100	103	22	07-01-71	R	W	H	18	13	D
NHW 696	100	104	40	09-03-80	R	W	H	50	--	D
	--	--						10	10	-
NHW 698	158	160	106	11-02-67	R	W	H	12	24	D
NHW 699	140	144	120	07-04-63	R	W	H	7	7	D
NHW 700	145	148	--	--	-	W	H	50	--	D
NHW 703	187	190	90	06-18-68	R	W	H	7	100	D
	--	--						4	50	-
NHW 704	--	--	152	11-18-69	R	W	H	15	33	D
	--	--						7	18	-
NHW 706	241	244	91	07-24-79	R	W	H	60	153	D
	--	--						15	49	-
NHW 708	99	102	72	08-15-69	R	W	H	35	--	D
NHW 709	105	109	78	07-06-67	R	W	H	35	2	D
NHW 710	161	164	75	06-27-80	R	W	H	100	--	D
NHW 712	138	143	141	08-24-88	S	W	H	--	--	D
	--	--						--	--	-
NHW 714	104	107	14	06-08-83	R	W	C	50	--	D
	--	--						25	26	-
NHW 715	83	86	16	06-18-81	R	U	U	100	--	D
NHW 716	121	124	38	09-16-80	R	W	T	100	--	D
	--	--						158	--	-
NHW 717	89	92	8	07-26-83	R	W	H	40	--	D
NHW 718	55	60	40	11-00-88	R	W	H	--	--	D
NHW 720	194	198	98	08-19-70	R	W	H	30	3	D
NHW 721	158	161	80	05-29-85	R	W	H	50	--	D
NHW 722	150	153	75	08-11-83	R	W	H	50	--	D
NHW 723	120	123	50	04-25-72	R	W	H	35	5	D
NHW 724	118	121	89	10-25-67	R	W	H	35	7	D
NHW 725	58	68	35	03-00-89	R	W	P	75	--	D
NHW 726	--	--	88	09-26-88	R	W	H	60	--	D
NHW 727	--	--	77	11-27-88	R	W	H	10	--	D
NHW 732	65	70	33	09-00-88	R	W	H	--	--	D
NHW 738	144	147	95	09-25-72	R	W	H	10	--	D

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates date unknown]

STATION NUMBER	LATITUDE	LONGITUDE	ALTITUDE OF LAND SURFACE (FEET)	METHOD ALTITUDE DETERMINED	DATE OF CONSTRUCTION	METHOD CONST-RUCTED	DEPTH DRILLED (FEET)	DEPTH OF WELL (FEET)	DIAMETER OF CASING (IN)	TYPE OF FINISH
NHW 741	410916	0713452	100	M	06-26-80	A	104	104	6	S
NHW 742	411044	0713405	10	M	07-21-82	A	53	53	6	S
NHW 743	411017	0713400	45	M	07-22-81	A	110	110	6	S
NHW 744	411020	0713358	30	M	06-23-72	C	112	112	6	S
NHW 745	411017	0713358	40	M	08-18-81	A	73	73	6	S
NHW 750	410947	0713250	30	M	05-00-85	D	--	--	--	C
NHW 751	410917	0713416	156	A	07-27-66	C	102	102	6	S
NHW 752	410912	0713420	170	M	07-09-85	A	246	246	6	S
NHW 754	410929	0713307	124	A	00-00-57	C	360	360	6	S
NHW 755	410935	0713432	130	M	06-16-82	A	172	172	6	S
NHW 756	410924	0713452	95	A	05-17-73	C	47	47	6	S
NHW 758	410953	0713303	55	M	00-00-69	D	17	17	30	O
NHW 760	410937	0713529	155	M	06-09-69	C	142	142	--	S
NHW 761	410938	0713552	[1]135	M	08-21-74	C	160	160	--	S
NHW 762	410922	0713333	160	M	06-06-85	A	165	165	6	S
NHW 765	410950	0713629	[1]65	M	08-10-83	A	83	83	--	S
NHW 766	411038	0713601	120	M	07-21-76	C	143	143	--	S
NHW 767	411020	0713554	[1]90	M	10-25-77	C	122	122	--	S
NHW 768	411019	0713600	80	M	10-07-77	C	131	131	--	S
NHW 769	411109	0713536	55	M	07-23-74	C	100	100	--	S
NHW 771	410914	0713620	68	M	--	H	101	101	--	S
NHW 774	410857	0713504	98	M	04-24-89	H	138	138	--	S
NHW 780	411217	0713409	45	M	05-09-67	C	64	64	--	S

Table 1.--Description of selected wells, springs, and test borings--Continued

[-- or -, no data available; 00 in date columns indicates unknown]

STATION NUMBER	TOP OF OPEN INTERVAL (FEET)	BOTTOM OF OPEN INTERVAL (FEET)	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	METHOD WATER LEVEL MEASURED	PRIMARY USE OF SITE	PRIMARY USE OF WATER	DISCHARGE (GPM)	DRAWDOWN (FEET)	TYPE OF LOG AVAILABLE
NHW 741	101	104	62	06-26-80	R	W	H	45	--	D
NHW 742	--	--	4	07-21-82	R	W	H	30	--	D
NHW 743	107	110	50	07-22-81	R	W	H	10	50	D
NHW 744	108	112	26	06-23-72	R	W	H	35	9	D
NHW 745	70	73	20	08-18-81	R	W	H	10	--	D
NHW 750	--	--	9.86	06-07-89	S	W	H	--	--	-
NHW 751	98	102	--	--	-	W	H	20	--	D
NHW 752	243	246	145	07-09-85	R	W	H	50	--	D
NHW 754	350	360	--	--	-	W	H	200	--	-
NHW 755	--	--	56	06-16-82	R	W	H	3	--	-
NHW 756	44	47	8	05-17-73	R	W	H	15	--	D
NHW 758	--	--	0.81	06-15-89	S	W	H	2	--	-
NHW 760	139	142	90	06-09-69	R	W	H	25	10	D
NHW 761	157	160	90	08-21-74	R	W	H	35	30	D
NHW 762	162	165	135	06-06-85	R	W	H	6	--	D
NHW 765	80	83	30	08-10-83	R	W	H	100	--	D
NHW 766	140	143	114	07-21-76	R	W	H	30	--	D
NHW 767	118	122	58	10-25-77	R	W	H	8	32	D
NHW 768	128	131	76	10-07-77	R	W	H	8	34	D
NHW 769	97	100	45	07-23-74	R	W	H	18	25	D
NHW 771	96	101	--	--	-	W	H	--	--	D
NHW 774	133	138	98	04-24-89	R	W	H	--	--	D
NHW 780	61	64	38	06-09-67	R	W	H	40	4	D

[1]Altitude determined from plate 1 differs from altitude in this table by more than 10 feet.

Table 2.--Lithologic logs of selected wells and test borings

[NHB, boring; NHW, well]

Depth below land surface (in feet)	Description of the sediment
	NHW 1
0- 37	sand and clay
	NHW 2
0- 34	sand and clay
	NHW 3
0- 37	clay and sand
	NHW 11
0- 63	gravel
	NHW 12
0- 52	sand
52	clay, blue
	NHW 15
0- 89.8	clay
	NHW 31
1- 25	sand and gravel
25- 38	till
38- 43	boulders
43- 75	till
75-145	clay, white-gray
145-155	sand and gravel
	NHW 33
0- 10	gravel and clay
10- 38	clay
38- 78	gravel
78- 91	clay, white
91-118	gravel and sand
118-124	clay
124-132	gravel, coarse
132-160	clay
	NHW 35
0- 11	sand, fine, and silt
11- 15	sand and silt
15- 26	sand, gravelly
26- 57	clay
57- 59	sand and gravel
59- 68	clay
68- 75	sand gravel

Depth below land surface (in feet)	Description of the sediment
	NHW 37
0- 41	sand, clay, sandy clay
41- 49	sand and gravel
	NHW 38
0- 10	sand
10- 24	clay
24- 30.2	gravel
	NHW 39
0- 30	sand
30-150	till and clay
150-155	gravel
	NHW 40
0- 52	sand and clay
52- 61	gravel
	NHW 41
0- 15	sand and gravel
15- 59	clay and hardpan
59- 69	gravel (no water of any amount)
69-101	clay and hardpan
101-109	gravel; water
	NHW 42
0- 86	unknown
86- 96	sand and gravel
	NHW 43
0-101	unknown
101-105	gravel
	NHW 44
0-133	unknown
133-135	gravel
135-139	unknown
	NHW 45
0-100	unknown
100	thin layer of gravel
100-138	till
138-143	sand and gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 46
0- 84	unknown
84- 88	sand and gravel
	NHW 47
0- 33	unknown
33- 38	gravel
	NHW 48
0-173	unknown
173-178	gravel
	NHW 49
0- 3	topsoil
3- 22	sand and gravel
22- 28	hardpan (clay?)
28- 31	boulders
31- 36	sand and gravel (mostly gravel)
	NHB 51
0- 2	soil
2- 12	till, medium gray
12- 30	sand, very coarse to fine, silt, and clay, gray
30- 48.5	sand, medium to fine, silt, and clay, gray
	NHB 52
0- 2	soil
2- 15	sand, very coarse to very fine, little silt, trace of gravel, and clay, brown
15- 30	sand, very coarse to very fine, some silt, trace of gravel, and clay, brown
30- 48.5	sand, coarse to very fine, some silt, little clay
	NHB 53
0- 3	soil
3- 48.5	gravel, granule, to coarse sand, trace of medium to fine sand interbedded with pebble gravel, red-brown

Depth below land surface (in feet)	Description of the sediment
	NHB 54
0- 2	soil
2- 7	sand, very fine to silt, traces of very coarse to medium sand, trace of granule gravel, gray
7- 8.5	sand, very coarse to medium, little fine sand, granule gravel, gray
8.5- 32	gravel, pebble, very coarse to very fine sand, silt, trace of clay, gray (till)
32- 37	gravel, granule, well rounded, little silt, traces of pebble gravel, very coarse to fine sand, gray (washed till)
37- 38.5	gravel, granule, to very coarse sand, trace of silt, gray-brown (outwash)
	NHB 55
0- 1	soil
1- 6	sand, very fine, to silt, trace of clay, white to buff
6- 7	sand, very fine, to silt, trace of fine sand, medium sand, coarse sand, very coarse sand, white, buff, gray
7- 9	silt, very fine sand and clay, trace of coarse sand and very coarse sand, white and gray
9- 28	clay, some silt, white
28- 32	silt, some clay and medium sand, little fine sand, trace coarse sand, white to light gray
32- 38.5	clay, silt and fine sand, white; becomes pink near bottom

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHB 56
0- 3	topsoil
3- 5	gravel, pebble to granule, little fine sand, very fine sand and silt, trace medium sand, coarse sand, very coarse sand, gray (till)
5- 7	sand, coarse and medium, little fine sand, very fine sand, trace silt and granule gravel, brown
7- 10	gravel, pebble to granule, little fine sand, very fine sand and silt, trace medium sand, coarse sand, very coarse sand, gray (till)
10- 13	sand, very coarse to very fine, little granule gravel, trace pebble gravel, brown
13- 14	gravel, pebble to granule, brown
14- 17	sand, medium, some fine sand, little very fine sand and silt, brown; interbedded with gravel
17- 32	sand, medium, some fine sand, little very fine sand and silt, brown
32- 43.5	sand, medium and fine, little very fine sand and silt, brown

Depth below land surface (in feet)	Description of the sediment
	NHB 57
0- 1	soil
1- 5	sand, very coarse to very fine, little granule and pebble gravel, and silt, gray (till?)
5- 17	silt and very fine sand, little clay and fine sand, gray
17- 27	sand, medium to very fine, some silt, little coarse and very coarse sand, brown
27- 60	gravel, granule to coarse sand, little medium to very fine sand, little pebble gravel, sand, brown
60- 63.5	sand, very coarse to coarse, little medium to very fine sand, brown
	NHB 58
0- 5	sand, very coarse to very fine, trace of pebble gravel, granule gravel, silt, brown
5- 6	sand, fine and very fine, some silt, gray
6- 20	sand, fine and very fine, some silt, little granule gravel and very coarse sand, brown
20- 50	silt and clay, little very fine sand, trace of coarse sand, medium sand, fine sand, gray
50- 55	gravel, granule, some very coarse sand, little coarse sand, medium sand, fine sand, very fine sand, silt and clay; gray
55- 63.5	gravel, pebble to granule, some very coarse sand, little coarse sand, trace medium sand, fine sand, very fine sand, silt and clay, brown (not till)

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHB 59
0- 5	sand, very coarse to very fine, trace pebble gravel, granule gravel, silt, dark gray
5- 6	peat and silt, dark brown
6- 35	silt and very fine sand, little coarse sand, trace medium sand, fine sand, dark gray to dark brown
35- 40	sand, very coarse to medium, little granule gravel, silt, and very fine sand, trace fine sand, dark brown
40- 63.5	sand, very coarse to medium, little granule gravel, trace fine sand, very fine sand, and silt, brown
	NHB 60
0- 22	fine sand, little very fine sand, trace coarse sand and silt, micaceous, magnetite, dark gray
22- 40	very fine sand, some fine sand, little silt, micaceous, magnetite, dark gray to olive gray
40- 48	silt, some clay, trace very coarse sand to granule gravel, olive gray; also containing lenses of granule and pebble gravel
	NHB 61
0- 11	sand, medium and fine, brown
11- 15	sand, medium and fine, little coarse sand and very fine sand, trace silt, dark brown
15- 25	sand, medium, little coarse sand, trace fine sand, very fine sand, silt, micaceous, gray
25- 43.5	sand, fine and medium, little very fine sand and silt, trace coarse sand, micaceous, gray; possibly a few layers of gravel
	NHW 62
0- 25	sand, gravel
25- 40	till
40- 80	sand, gravel
80-140	till
140-175	clay, white
175-310	clay, red
310-316	sand, gravel
	NHW 63
0- 50	sand and gravel
50- 60	till
60- 80	sand and gravel
	NHW 64
0- 50	sand and gravel
50- 60	till
60- 65	sand and gravel
	NHW 65
0- 20	sand and gravel
20- 40	hardpan
40- 60	clay, gray and white
60- 85	sand and gravel
	NHW 66
0- 1	topsoil
1- 30	sand and gravel
30- 60	hardpan
60- 70	clay, gray-white
70- 80	sand and gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 67
0- 1	topsoil
1- 30	sand and gravel
30- 80	hardpan
80-120	clay, grayish white
120-140	sand, fine
140-235	hardpan
235-240	sand and gravel
	NHW 68
0- 1	topsoil
1- 25	sand and gravel
25- 65	till
65-100	clay, grayish-white
100-125	sand, fine
125-145	sand and gravel
	NHW 69
0- 1	topsoil
1- 30	sand, very fine, and cobbles
30- 60	hardpan
60- 90	clay, gray-white
90-100	sand and gravel
	NHW 70
0- 1	soil
1- 25	sand and gravel
25- 45	till
45- 50	sand and gravel
	NHW 71
0- 25	sand and gravel
25- 80	hardpan
80-104	sand and gravel
	NHW 75
0- 17.2	sand and gravel
	NHW 76
0- 16.0	sand, gravel
	NHW 81
0- 10	old cistern
10- 40	sand and gravel
40- 75	hardpan
75-105	sand and gravel

Depth below land surface (in feet)	Description of the sediment
	NHW 91
0- 23.2	till, sandy
	NHW 96
0- 3.8	sand
	NHW 97
0- 15	till
15- 19.7	sand
	NHW 101
0- 5.3	silt and clay
	NHW 102
0- 5	till
5- 16.9	silt and clay
	NHW 108
0- 12.9	sand and silt
	NHW 119
0- 15.2	till
	NSH 120
0- 15.5	till
	NHW 148
0- 10	sand and gravel
10- 12	silt
12- 18.6	sand and gravel
	NHW 152
0- 26.2	sand and clay
	NHW 154
0- 8	till
8- 10	clay
10- 21	clay and sand, interbedded
	NHW 162
0- 5	sand, gravel
5- 7	clay
7- 9	sand, gravel
	NHW 163
0- 12.7	silt, sand

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 172
0- 7.2	sand
	NHW 175
0- 4	sand and gravel
4- 12	till
12- 13.0	sand and gravel
	NHW 194
0- 10.5	sand
	NHW 214
0- 20	till
20- 21	sand and gravel
	NHW 220
0- 12.6	silt
	NHW 227
0- 38	unknown
38- 75	sand and gravel
75-110	hardpan
110-151	sand and gravel
	NHW 229
0- 18	clay, predominantly
18- 21	sand and gravel
21- 23	sand
	NHW 237
0- 10	sand, loamy
10- 42	sand and gravel, brown
42- 56	gravel, clayey
56- 62	hardpan
62- 73	sand, brown and white
73- 78	sand and gravel, clean

Depth below land surface (in feet)	Description of the sediment
	NHW 238
0- 1	soil
1- 3	sand and gravel, loamy
3- 11	gravel, coarse, and cobbles
11- 36	sand, clayey
36- 68	sand, medium, brown
68- 82	clay, blue-white
82- 88	sand, beach, brown
88-103	sand and gravel, clean
	NHW 239
1- 7	sand, loamy, clayey
7- 11	gravel, clayey
11- 27	sand, fine, brownish gray
27- 36	clay, gray
36- 42	clay, brown
42- 49	gravel, clayey
49- 56	gravel, sandy, brown
56- 66	gravel and sand
66- 78	clay hardpan, gray-brown
78- 95	clay hardpan, gray
95-104	gravel, sandy
104-127	hardpan, clayey
	NHW 241
0- 10	clay, brown
10- 15	clay, blue-gray
15- 32	clay, black (few pebbles)
32- 36	sand, clayey, brownish-yellow
36- 44	sand, coarse, brown
44- 52	hardpan, gray
52- 64	gravel, sandy, brown
64- 78	sand, brown
78- 88	gravel, sandy, brown
88- 98	sand and gravel, white quartz; little brown clayey gravel
98-102	clay, white
102-106	sand, very fine, clayey, white

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 250
0- 3	soil, silty, dark grayish brown
3- 7	silt, sandy, hard, gray, occasional large pebble (till)
7- 15	silt and clay, smooth, firm, plastic, dark gray; soft at 15 ft, water
15- 26	silt, clayey, soft, gray
26- 28	sand, very fine to very coarse
28- 40	till, clayey, hard, gray, trace granules and pebbles, occasional brown layer (about 2 in.) which may be oxidized joints
40- 63	sand, medium to very coarse, and gravel, granule to pebble, trace very fine sand, rounded to subrounded; some layers mostly sand
	NHW 252
0- 1	soil
1- 20	till, silty, sandy, gravelly, brown, (missed boulder)
20- 36	till, silty, very hard, dry, dark gray
36- 47	sand, fine to very coarse, clean; layer of gravel(?) at 39 ft to 41 ft
47- 67	sand, fine, well sorted, dry
67- 77	silt, gray, little clay, trace fine sand, moist; laminated indistinctly; fine sand in light gray microlaminations at 68 ft; unit is clayey at 67.5 ft
77- 79	sand, fine to coarse, some granules and pebbles in 0.07- in. layer at 77.3 ft; sand is bedded in 0.07-in. to 0.2- in. laminae of fine sand and medium to coarse sand; dry
	NHW 254
1- 4	sand, medium to coarse, brown
4- 5	gravel, small pebbles (1 in. to 2 in. diameter.)
5- 20	sand, medium to coarse, brown, thin beds of very coarse sand, granules, thin silty clay
20- 21	sand, silty, stiff (?)
21- 40	silt, gray and very fine micaceous sand, laminated 0.04-in. to 0.07-in. layers, sharp boundaries; some laminae are oxidized; clayey at 39 ft to 39.5 ft
	NHW 255
0- 1	soil
1- 10	till, clayey, silty, brown, some pebbles to cobbles
10- 13	sand, medium to very coarse, and gravel, granules to small cobbles (layer of cobbles at 13 ft to 16 ft)
13- 19	till, silty, sandy, grayish brown, many cobbles
19	boulder

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 256, 257, 258
0- 4	soil, silty, grayish brown
4- 8	silt, clayey, with occasional granules to cobbles (probably not till)
8- 13	sand, fine to coarse
13- 18	sand, fine to very coarse, some granules, water at approximately 15 ft
18- 29	silt, gray with laminae of brown (oxidized) sand, dry, contorted layers
29- 33	till, pebbly, silty, dark gray, with sandy, iron-stained layers at 45 degrees. (contorted)
33- 37	sand, very fine to very coarse and granule to pebble gravel
37- 41	till, pebbly
41- 43	sand, fine to very coarse, clean, saturated
43- 57	till, silty, sandy, pebbly, brownish gray, bedded with sandier layers
57- 84	clay, firm, dry, dark gray, with occasional pebble
84- 87	sand, very fine to medium, some silt and very coarse sand, trace pebbles
	NHW 259
0- 5	sand, fine to coarse, few pebbles
5- 9	till(?), sandy, red, with cobbles (may be iron-cemented conglomerate)
9- 15	till, stony, sandy
15- 37	sand (static water level 10 ft from 15 ft to 17 ft)
37- 47	sand, fine, white
47- 64	clay, red marbled with gray
64- 72	sand (heaving)

Depth below land surface (in feet)	Description of the sediment
	NHW 262
0- 5	gravel, cobble to granule
5- 32	gravel, granule to cobble, and medium to very coarse sand
32- 63.5	sand, medium to very coarse, and granule to large pebble gravel
	NHW 263
0- 1	soil
1- 20	silt, some very fine sand
20- 43	silt and very fine sand, finely laminated, gray-brown and medium gray
43- 58	sand, fine to very coarse, and granule to pebble gravel, trace very fine sand, iron-stained, dark reddish brown
58- 59	silt, gray, laminated, with interbedded 1-in. layers of medium to very coarse sand
	NHW 264
0- 2	soil, sandy
2- 4	till, sandy and silty, gray
4- 15	till, silty, gray, occasional pebble to cobble
15- 21	sand, medium to very coarse, trace of fine sand
21- 31	till, sandy, gray
31- 33	sand, fine to very coarse, trace of very fine sand
	NHW 302
0- 3	sand
3- 12	clay silt, brown
12- 15	clay, gray
15- 33	gravel hardpan
33- 55	gravel and sand
55- 72	clay hardpan
72	boulder
72- 82	cobbles, gravel
82-124	gravel, coarse

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 303
0- 18	gravel
18- 60	sand, coarse
60- 67	sand, cobbly
67- 80	drill and lime
80- 90	gravel
98-131	gravel and sand, water
	NHW 304
0- 7	till
7- 16	hardpan, cobbles
16- 63	sand and gravel
63- 70	hardpan, brown
70- 90	sand and gravel
90-126	sand, finer
	NHW 305
0- 1	topsoil
2- 7	loam sand, dark
8- 24	sand and gravel, orange
25- 60	sand and fine gravel
61-130	sand and fine quartz
131-140	sand, coarse
141-144	sand and gravel
	NHW 307
0- 1	topsoil, loam
1- 26	sand
26- 32	sand and gravel, some cobbles
32- 45	sand
45- 60	sand and gravel, hardpan seams
60- 82	gravel, medium
82- 92	hardpan, gravel
92- 98	clay sand, brown
98-105	clay sand, orange
105-137	sand and gravel
	NHW 308
0- 47	gravel
47- 57	clay, brown
57- 68	sand
68-137	gravel

Depth below land surface (in feet)	Description of the sediment
	NHW 309
0- 1	topsoil
1- 5	loam, sandy
7- 8	boulder
9- 24	sand and small gravel
24- 25	boulder
26- 32	sand
32- 33	boulder
34- 38	sand and gravel
39- 43	clay sand, brown
43- 93	sand and gravel
	NHW 313
0- 12	brown gravelly
12- 19	hardpan, gravelly
19- 27	sand, clayey, brown
27- 30	gravel, cobbly-boulder
30- 40	gravel, brown
40- 42	gravel, coarse
42- 44	gravel, medium, brown
44- 56	gravel, coarse
56- 58	gravel, cobbly
58- 60	boulder-gravel
60-103	gravel and sand
	NHW 315
0- 10	hardpan
12	boulder
10- 50	gravel and sand, brown
50- 53	sand, brown, little water
	NHW 316
0- 1	fill
2- 4	topsoil and sand
5- 13	sand and large gravel
14- 16	cobbles
17- 41	gravel, large, and cobbles
41- 46	boulder
	NHW 317
0- 48	gravel
48- 74	sand, medium coarse

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 320
0- 15	sand
15- 17	sand, little gray clay
17- 23	clay and sand
23- 29	rock (boulder)
29- 31	sand
31- 35	sand and gray clay
35- 40	clay and sand
40- 57	clay and little sand
57- 85	clay and sand
85-123	sand, coarse
123-143	sand, fine and coarse and clay
143-153	sand, fine and gray clay
153-161	sand, coarse, sharp, fine sand and gray clay
161-162	clay, soft
162-203	clay and sand
203-213	sand, fine, little clay
213-223	sand, sharp
223-228	sand, medium and very coarse
228-245	sand, coarse to very coarse
	NHW 321
0- 30	sand
30- 35	clay
35-110	sand
110	clay
	NHW 322
0- 20	sand, fine
20- 31	clay and sand
31- 78	gravel, fining to silt
78-149	sand
149-164	clay
164-180	gravel
	NHW 323
0- 10	loam and boulders
10- 25	sand and gravel
25- 32	clay and sand
32- 50	clay and gravel, little water
50- 58	gravel, coarse, hard
58- 65	clay and gravel
65- 77	clay, blue
77- 88	gravel, coarse
88-102	clay, blue-black
102-119	gravel and brown sand
	NHW 324
0-185	sand and coarse gravel (whole way)
	NHW 325
0- 1	topsoil
1- 4	sand, yellow brown
4- 8	sand, white
8- 26	clay, gray, gravel seams
26- 27	boulder
27- 33	gravel, hardpan, white sandy clay
33- 44	sand, white
44- 46	clay hardpan cobble
46- 60	hardpan
60- 63	hardpan gravel
63- 64	clay
64- 78	hardpan, gravel seams
79-120	hardpan, hard pack sand
121-140	hardpan, brown sand
141-145	clay, light brown, sand
146-157	hardpan, gravel
157-158	boulder
160-165	hardpan and gravel
	NHW 328
0- 20	cobbles and sand
20-200	clay, blue gray

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 329
0- 34	sand, clayey
34- 43	hardpan
43- 49	cobbles and boulders
49- 54	hardpan, brown
54- 65	gravel, coarse
65- 87	sand and gravel
87- 90	sand, clayey
90-102	clay, gray
102-146	clay, brown
146-168	clay, sandy, brown
168-172	gravel and sand
	NHW 330
0- 18	sand, fine
18- 30	soil, clayey
30- 50	clay
50- 88	cobbles and brown gravel
88-130	clay, sandy, gray
130-140	clay
140-228	hardpan
228-232	gravel, sand
233	hardpan, clay
	NHW 332
0- 60	sand
60-280	hardpan, some solid layers of clay

Depth below land surface (in feet)	Description of the sediment
	NHW 333
0- 15	silt-clay, little gravel, silty gravel
15- 18	sand, little gravel, silty sand
18- 25	gravel, little clay
25- 28	gravel with clay
28- 33	sandy
33- 40	clay with gravel
40- 48	clay, silt, some gravel (drilling fast)
48- 78	gravel
78- 83	silt and sand, fine
83- 90	clay
90-103	clay, gray
103-105	clay, gray with some fines
105-108	clay, gray
108-113	clay, gray, with some gravel
113-120	gravel
120-123	hard drilling
123-126	gravel
126-130	gravel, silty, with clay
130-138	gravel, hard slow drilling
138-143	hard slow drilling
143-160	fines with some gravel, steady drilling
160-178	sand, coarse
178-180	sand, coarse to medium
180-183	gravel with clay
183-192	sand, fine
192-198	sand, very fine to medium
198-201	clay
201-231	clay with hard fine sand

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 334
0- 3	unknown
3- 6	sand, coarse
6- 12	sand with silt
12- 16	sand with gravel
16- 18	silt
18- 27	sand with gravel
27- 34	sand, coarse with gravel
34- 41	sand, coarse
41- 48	sand, medium to coarse
48- 60	sand, very coarse
60- 64	sand, coarse
64- 78	sand, fine
78- 91	clay, silty
91-103	sand, coarse, some clay
103-113	sand, medium
113-123	sand, medium to coarse
123-130	sand, coarse and gravel
130-134	gravel
134-138	sand, fine to medium
138-144	sand, coarse
144-152	sand, medium to coarse
152-160	clay with gravel
160-165	clay
165-168	clay with some gravel and coarse sand
168-175	sand with clay
175-192	clay with gravel
192-198	sand, medium
198-213	sand, fine to medium, some clay
213	clay, dark gray

Depth below land surface (in feet)	Description of the sediment
	NHW 335
0- 20	gravel with clay
20- 25	gravel
25- 32	gravel with fine sand
32- 40	clay with gravel
40- 52	clay, soft, easy drilling
52- 55	clay, gray
55- 58	clay with gravel
58- 60	gravel with clay
60- 64	gravel
64- 70	sand, very coarse
70- 73	sand, very coarse, some gravel
73-103	sand, very coarse
103-105	sand, coarse
105-108	sand, fine
108-115	sand
115-133	sand, coarse
133-136	sand, fine with silt
136-148	clay with coarse sand
148-153	clay
153-160	sand, fine with clay
160-170	sand, coarse
	NHW 336
0- 41	cobbles, gravel, brown and green sand, gray sand
41- 57	clay and sand
57- 64	sand and gravel
	NHW 337
0- 49	cobbles and gravel
49- 63	clay sand
63- 65	clay
65- 73	hardpan
73-105	clay
105-123	gravel
	NHW 339
0- 7.5	clay
7.5-15.5	sand, coarse
15.5-20	sand, fine

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 340
0- 0.5	topsoil
0.5- 6	sandy loam, gray brown
7- 60	Block Island sand and gravel
60- 69	gravel and black sand layers
69- 70.2	cobbles
70.2- 75	sand and gravel
75- 90	sand, small gravel
90-115	sand and gravel, medium
115-136	gravel, coarse
136-162	sand and gravel
162-168	hardpan, sandy, white
	NHW 341
0- 11	hardpan clay, gravel
11- 38	gravel, sandy
38- 50	sand, coarse
50- 70	sand, fine, dark brown
70- 79	sand, fine, dark
84- 88	hardpan, brown
88-105	gravel, dirty, brown
105-113	gravel, coarse
113-148	sand, quartz, white
148-152	sand, quartz, gray
152	sand, gray white
	NHW 342
0- 1	topsoil
2- 5	sand, yellow, cobbles
5- 30	gravel
31- 64	sand and gravel
65- 90	hardpan, sandy, brown
91- 97	sand and gravel
98-122	gravel, large, hard
122-134	clay sand, white
135-149	sand, quartz
150-153	sand, white (clay)
153-155	sand, quartz
155-163	clay, white
164-168	sand, quartz

Depth below land surface (in feet)	Description of the sediment
	NHW 343
0- 1	topsoil
2- 4	loam sand
5- 10	sand, light (yellow)
11- 15	clay sand, yellow
16- 18	hardpan, gray
18- 24	sand, white yellow
25- 37	sand and fine gravel
38- 42	hardpan sand, yellow
42- 46	sand, light brown
47- 49	hardpan, gray
49- 55	hardpan gravel, gray
56- 66	clay hardpan, gray
67- 70	gravel, hard
70- 75	hardpan gravel
76- 82	gravel, sandy
83- 86	gravel
87- 93	sand hardpan, brown
93-100	clay, gray
100-129	clay sand, gray
129-139	sand and gravel
	NHW 344
0- 1	loam
2- 7	sand and cobbles
7- 21	sand and gravel
22- 23	boulder
24- 37	gravel, coarse
38- 44	sand
44- 45	cobbles
46- 70	gravel, coarse
71- 85	sand and gravel
	NHW 345
0- 7	sand and gravel
7- 21	hardpan
21- 68	gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 346
0- 10	gravel, coarse
10- 18	sand, coarse
18- 38	sand, fine
38- 53	sand, medium, brown
53- 70	sand, dark brown
70- 76	gravel, coarse
76- 85	hardpan, gray
85- 96	sand, gravelly
96- 97	kaolin
	NHW 347
0-107	unknown
107-154	clay, red - kaolin seams
	NHW 348
0- 21	gravel
21- 43	gravel, coarse
43- 64	gravel-sand
64- 80	gravel, sandy
80- 91	clay sand
91- 96	gravel
96-104	hardpan, clayey
104-114	gravel
	NHW 349
0- 5	topsoil - dirty sand
5- 15	gravel
15- 20	gravel, medium
20- 45	sand and gravel
45- 80	clay sand, gray, with gravel seams
82- 84	boulder
84- 98	sand and small gravel
98-100	cobbles
100-104	gravel and sand, medium
	NHW 350
0- 10	loam, sandy
10- 21	gravel cobbles
21- 84	gravel and hardpan
84- 87	lens sand
87- 90	hardpan, sandy
90-102	sand, fine, brown
102-112	gravel, sandy, water

Depth below land surface (in feet)	Description of the sediment
	NHW 353
0- 1	loam
2- 5	sand
6- 12	sand and gravel
13- 16	sand
17- 18	boulder
19- 30	hardpan, gravel
31- 33	boulder
34- 45	gravel, medium
46- 84	sand and gravel, hardpan seams
	NHW 354
0- 17	gravel and sand
17- 28	boulders and cobbles
28- 42	gravel, coarse
42- 60	sand and gravel
	NHW 355
0- 7	hardpan
7- 30	gravel, coarse
30- 33	hardpan, gray
33- 64	clay sand, gray
64	gravel and sand
	NHW 356
0- 15	clay, brown
15- 30	clay, gray and sand
30- 65	sand
	NHW 358
0- 47	sand and clay
47- 55	sand
	NHW 360
0- 11	sand, silty
11- 22	hardpan and sand
22- 38	gravel, cobbly
38- 46	gravel
46- 74	gravel, sandy
	NHW 361
0- 15	loam, sandy
15- 35	gravel
35- 55	sand
55- 64	gravel, coarse

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 362
0- 55	sand, fine, silty, brown
55- 62	hardpan and sand, gray
62- 73	sand and gravel
	NHW 363
0- 13	sand and gravel
13- 20	gravel, coarse
20	boulder
20- 29	gravel, coarse
29- 63	sand and gravel
52	water and gravel
	NHW 364
0- 3	topsoil
3- 6	sand, yellow brown
7- 10	gravel and sand
10- 13	clay hardpan, gray
13- 20	sand and gravel, brown
21- 23	boulder
24- 27	clay sand and stones
28- 35	gravel and sand
35- 36	gravel, large
37- 45	gravel, large to medium with hardpan seams
45- 47	boulder
48- 51	gravel, large
51- 54	gravel and cobbles
54- 65	gravel
	NHW 365
0- 15	clay sand
15- 27	gravel
27- 29	cobbles
29- 38	gravel
38- 41	cobbles
41- 64	gravel
	NHW 366
0- 16	gravel, loamy
16- 22	gravel, coarse
22- 66	sand and gravel
	NHW 367
0- 41	sand
41- 53	sand, coarse, brown, water
	NHW 370
0- 12	gravel
12- 28	gravel and cobbles
28- 50	sand and gravel
50- 87	sand, fine
87- 95	sand, fine and gravel; fine gravel and sand
	NHW 372
0- 10	sand and gravel, silty
10- 50	hardpan, sandy, gray
50- 58	sand, gravelly
	NHW 373
0- 11	gravel
11- 31	sand, silty, black
31- 36	sand, brown
36- 38	cobbles
38- 54	sand, clayey, black
54	sand and gravel, brown
	NHW 374
0- 65	sand and gravel
65- 75	gravel and sand, brown
75	hardpan, gray
	NHW 376
0- 40	open hole - dug well
40- 86	clay hardpan
86- 95	gravel, clayey
95-109	gravel, clayey, soft
109-116	gravel and clay, some water
116-139	hardpan, clayey
139-148	hardpan, soft, clayey
148-155	sand, gray, water (set screen)
155-161	sand and gravel, water
	NHW 377
0- 1	topsoil
1- 6	no record
6- 20	sand, fine, yellow
21- 55	sand and gravel
57- 60	hardpan and gravel seam

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 378
0- 4	gravel, coarse
4- 21	sand, dark brown
21- 38	sand, light brown
38- 46	sand and gravel
46- 50	sand, irony, and gravel
50- 60	sand, gravel, hardpan
	NHW 379
0- 45	sand, loamy and clay
45- 62	hardpan, gray
62- 83	sand and gravel
	NHW 380
0- 5	sand and gravel
5- 7	cobbles
7- 17	sand
17-118	sand and gravel
118-121	cobbles
121-131	sand, quartz and gravel
	NHW 381
0- 1	topsoil
0- 12	sand, large stones, water
12- 45	sand and gravel, cobbles
45- 65	sand and gravel, medium to coarse
66- 69	sand and gravel
70- 85	hardpan; soft 69 ft to 72 ft; boulder at 72 ft
85- 90	hardpan, clayey
90-116	sand, clayey
116-123	sand, gray quartz, gravel, charcoal places
	NHW 382
0- 15	sand, loam
15- 18	gravel, brown
18- 24	sand, fine and water
24- 44	clay, gray
44- 49	sand, clayey
49	sand and gravel

Depth below land surface (in feet)	Description of the sediment
	NHW 383
0- 28	gravel, coarse, cobbles (9 ft boulder, 18 ft boulder, 22 ft boulder)
28- 35	sand and gravel
35- 50	sand
50- 63	gravel
63- 80	hardpan, gray clay
80- 88	hardpan, sandy, gray
88- 92	sand, clayey, gray
92-110	clay, gray
110-123	gravel and sand
	NHW 384
0- 3	fill, gravel, boulders
4- 16	gravel, brown
16- 32	sand and gravel, gray
32- 34	hardpan, gray clay
35- 53	sand and gravel
54- 59	clay, gray and hardpan
59- 64	sand and gravel
65- 67	clay
67- 69	boulder
70- 79	clay hardpan
79- 86	sand and gravel, brown-yellow
	NHW 385
0- 25	gravel, boulder
25- 54	sand, clayey
54- 60	sand
60- 65	clay sand
65- 70	sand and gravel
	NHW 386
0- 5	sand, gray
5- 19	clay
19- 32	gravel
32- 38	clay sand
38- 61	sand and gravel
61- 69	clay sand
69-105	gravel and sand
105-115	sand
115-119	gravel and sand

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 387
0- 48	sand, fine, clayey, brown
48- 55	clay, blue-gray
55- 83	gravel, coarse
	NHW 389
0- 50	clay
50- 75	sand
75-100	clay
	NHW 391
0- 6	gravel
6- 18	sand, cobble, boulder
18- 34	sand, gravel
34- 54	hardpan
54- 64	sand, gravel
	NHW 392
0- 19	soil, clayey, brown
19- 40	gravel, sandy
	NHW 395
1- 8	soil sand
8- 23	gravel sand
23- 42	sand
	NHW 396
0- 1	topsoil
2- 4	sand, fine, brown
4- 6	boulders
7- 30	sand, coarse
31- 48	sand, dark brown and water
48- 63	muck sand, green
63- 77	clay, pink
78- 90	hardpan, gray, and sand
90-106	sand, gray
106-112	sand, gray white
112-118	sand, fine, white
118-128	sand, fine and coarse, quartz, white; water
	NHW 397
0- 19	sand and gravel
19- 24	sand, brown
24- 43	sand
43- 60	sand and gravel

Depth below land surface (in feet)	Description of the sediment
	NHW 400
0- 18	gravel
18- 72	sand, dirty
72- 78	hardpan
78- 83	gravel, coarse
	NHW 401
0- 8	cobbles, gravel
8- 18	gravel, sand
18- 26	hardpan, sandy, gray
26- 42	sand, clayey
42- 49	gravel, gray
49- 63	hardpan, gray
63-105	sand and clay, gray
105-112	sand, clayey, gray, and water
	NHW 402
0- 7	hardpan, gravelly
7- 18	gravel
18- 24	hardpan, gray
24- 56	hardpan, sandy, gray
56- 70	hardpan, gray
70- 82	clay, sand
82-101	sand, fine, gray
101-110	hardpan
110-112	sand and gravel, green
112-140	clay, hard, blue
140-145	hardpan, gravel
	NHW 403
0- 42	silt, clayey
42- 45	cobbles and clay
45- 52	gravel, sand
52- 53	sand, water
54- 64	clay
64- 66	gravel
66- 74	clay
74- 76	gravel
76- 85	clay
85- 98	clay sand, fine
98-103	clay
103-146	hardpan
146-152	gravel and hardpan
152-157	gravel and sand

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 404
0- 17	sand, clayey, brown
17- 22	hardpan, clayey, gray
22- 46	hardpan
46- 84	hardpan, sandy, clayey
84- 94	gravel, coarse, brown
94-102	sand and gravel
102-115	sand, medium
115-128	sand, very fine brown
128-133.8	sand and gravel, water
	NHW 405
0- 0.5	topsoil
0.5- 4	sand and cobbles
5- 15	sand and gravel
15- 80	sand, gravel, cobbles
80-124	sand
124-126	clay, light gray
126-143	sand, gravel (hardpan seams)
	NHW 406
0- 42	gravel, sandy
42-143	gravel, coarse; cobbles at 90 ft
143-150	gravel, sandy
150-158	gravel, fine, sandy
158-160	layer hardpan
160-178	gravel and sand
	NHW 407
0- 5	loam and clay, gray
5- 10	clay sand, brown
10- 18	hardpan, gray
18- 48	sand, medium coarse
48- 64	sand, fine, gray and brown
64- 85	clay, gray, and hardpan
85- 90	sand, fine, brown
	NHW 410
0- 10	boulders, cobbles
10- 16	gravel, cobbles
16- 26	gravel, sandy
26- 54	hardpan; clayey sand
54- 60	hardpan, gravelly
60- 78	hardpan, clayey
78- 84	sand, brown

Depth below land surface (in feet)	Description of the sediment
	NHW 411
0- 15	gravel
15- 23	clay
23- 35	hardpan, clayey
35- 62	gravel, sandy, clayey
62- 71	gravel
	NHW 415
0- 18	sand
18- 24	sand, brown-black
24- 30	clay sand, brown
30- 42	sand, brown
42- 52	hardpan
52- 68	gravel
	NHW 416
0- 18	sand, silty brown
18- 23	gravel
23- 45	gravel and sand

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 417
0- 1	topsoil
1- 4	sand
4- 9	gravel, medium, orange
9- 10	sand, light brown
11- 14	clay, brown
14- 30	sand and gravel
30- 34	boulders and gravel
35- 37	boulder
37- 40	cobbles and gravel
40- 56	sand and gravel
57- 58	sand, clayey, gray
58 -59	boulder
60- 67	sand, clayey, gray
68- 75	gravel and hardpan
75- 80	gravel, medium large
83- 86	sand, clayey, dark gray
86- 91	sand
91-105	clay, gray
105-110	hardpan, clayey, gray
110-141	hardpan, clayey, red
142-150	sand and gravel
151-153	hardpan, clayey, red
154-164	hardpan, clayey, gray
164-190	sand, clayey, blue-gray
191-197	clay, gray
197-207	clay, blue-gray
208-216	sand and gravel
216-218	cobbles
219-227	sand and fine gravel
228-247	gravel, quartz and quartz sand
	NHW 419
0- 9	sand, very coarse, and cobbles
9- 19	gravel, sandy
19- 28	gravel and cobbles
28- 30	cobbles
30- 40	silt, brownish gray, brownish gray sand and brownish gray gravel
40- 53	sand, fine to very coarse
	NHW 422
0- 5	clay
5- 31	sand, medium (rock 16 ft to 17.5 ft)
31- 48	clay and sand
48- 70	sand, coarse to medium
70- 93	clay, blue-gray
93-108	clay, blue-gray, with fine sand
108-213	clay, light gray, specks of sand
213-239	sand
	NHW 424
0- 8	sand and loam
8- 18	sand, clayey
18- 47	hardpan, brown, clayey
62	boulder
65- 95	silt, brown and water
95-106	hardpan, gray
106-130	gravel, clayey and clayey sand
	NHW 425
0- 11	gravel and sand
11- 21	sand
21- 34	till
34- 44	gravel
36	boulder
44- 58	gravel and sand
58- 66	sand, gray and gray clay
66- 96	clay, gray
96-100	sand, clayey
100	water
100-111	sand and irony water
111-144	hardpan, gray and clay
144-172	sand and clay
172-184	sand
184-230	hardpan, clayey
230-234	sand, quartz, white
234-240	gravel, coarse, quartz
240-246	sand, fine, quartz and brown water

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 426
0- 11	gravel
11- 16	sand and gravel
16- 23	clay
23- 41	gravel, clayey, brown
41- 68	hardpan, gray
68- 76	hardpan, gravelly
76- 78	sand, gray, little water
78- 96	hardpan, sandy
96-104	sand, clay and gravel
104-128	hardpan and clay
128-131	clay
131-137	sand and gravel, gray
	NHW 428
0- 42	gravel and sand
40	boulder
42- 45	cobbles and sand
45- 62	sand and gravel
	NHW 431
0- 14	clay
14- 15	sand
15- 70	clay
70- 77	sand (confined with lots of water)
77- 78	clay
	NHW 432
0- 5	hardpan
5- 15	gravel, sandy
15- 35	hardpan, gray
35- 55	sand, clayey
63- 71	sand (set screen)
71- 82	clay, blue
82-112	clay
112-123	sand and gravel
	NHW 433
0- 9	gravel
9- 18	gravel, clayey
18- 56	gravel
56- 84	sand, fine, brown
84-107	clay, blue, cobbles
107-112	sand and gravel

Depth below land surface (in feet)	Description of the sediment
	NHW 435
0- 34	sand, hardpan, clayey
34- 42	hardpan
42- 50	boulders (tough drilling at 50 ft)
50- 56	gravel, sandy
56- 83	clay
83- 87	clay, sandy
87- 93	sand and water
	NHW 436
0- 13	sand
13- 16	clay sand, brown
16- 18	sand
18- 35	sand, clay
35- 36	boulder
36- 41	sand and gravel
41	boulder
41- 48	sand
48- 57	sand and gravel
57- 61	boulder
61- 62	hardpan
62- 64	boulder
64- 70	hardpan
70- 72	boulder
72- 76	hardpan
76- 77	boulder
77- 85	gravel, fine, and gray sand
85-103	hardpan
103-105	clay
105-113	hardpan
113-115	clay
115-125	clay sand
125-163	sand, quartz
163-165	clay
165-175	clay sand
175-180	sand and gravel
180-183	clay
183-186	hardpan
186-195	sand and gravel
	NHW 437
0- 10	muck
10- 16	gravel, sandy, gray
16- 21	sand, clayey, gray
21- 47	gravel, coarse
47- 61	gravel and sand
62	sand, fine

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 438
0- 7	sand
7- 8	boulder
8- 14	sand and gravel
14- 17	cobbles
17- 31	sand and gravel
31- 36	sand
36- 43	clay sand
43- 48	gravel and sand, fine
48- 54	clay sand, brown
54- 61	gravel, coarse
61- 62	boulder
62- 67	sand and gravel
67- 68	boulder
68- 88	sand and gravel
88- 89	boulder
89-108	sand and gravel
	NHW 440
0- 6	topsoil
6- 14	sand, fine
14- 68	sand and gravel
68- 73	hardpan sand, hard, gray
	NHW 443
0- 1	topsoil
1- 9	clay sand, gray
9- 72	clay sands, gray and brown
72- 88	boulders and gravel, clay hardpan seams
88-105	clay sand and cobbles
106-120	hardpan gravel and sand layers
121-135	clay, sandy
136-150	hardpan and gravel
150-160	hardpan and clay
160-178	clay, gray
178-185	sand, gray
185-195	hardpan gravel
195-202	sand and gravel

Depth below land surface (in feet)	Description of the sediment
	NHW 449
0- 4	sand
4- 5	boulder
5- 6	sand and gravel
6- 7	boulder
7- 9	cobbles and gravel
9- 10	boulder
10- 13	sand and gravel
13- 14	boulder
14- 15	sand and gravel
15- 16	boulder
16- 17	gravel, sandy
18- 19	sand and gravel, gray
19- 22	clay, gray
22- 24	hardpan
24- 28	clay sand
28- 58	sand and gravel
58- 60	boulder
60- 63	sand and gravel
63- 65	boulder
65- 67	sand and gravel
67- 69	boulder
69- 72	sand and gravel
72	boulder
	NHW 450
0- 48	gravel, coarse
48- 52	sand, clayey
52- 65	clay
65- 72	hardpan
72- 88	gravel, coarse, brown
88-126	sand, brown
126-136	sand, fine, clayey
136-140	sand, quartz, gray

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 451
0- 31	silt, loam, little clay
31- 38	hardpan, gray
38- 46	gravel, coarse, brown
46- 55	gravel, high iron
55- 62	gravel
62- 88	drill & drive
88-100	gravel, brown
100-114	sand, quartz
114-132	sand, fine, brown
132-149	sand, fine, black
149-161	sand, fine, gray
161-173	sand, gray, hardpan
173-210	clay, gray
210-213	hardpan, gray
213-220	sand and gravel, fine
220-220+	clay, silty, brown black
	NHW 452
0- 68	sand
68-118	gravel
118-135	sand, brown
135-165	clay sand, fine
165-168	hardpan
168-202	clay and hardpan
202-210	hardpan
210-232	hardpan, cobbles
232-235	sand and water
	NHW 453
0- 18	gravel, sandy
18- 24	clay, gray
24- 39	hardpan, gray
39- 65	clay, sandy
65- 69	hardpan, gray
69-106	sand and gravel, brown
106	sand and gravel - water

Depth below land surface (in feet)	Description of the sediment
	NHW 455
0- 15	gravel
15- 37	sand and gravel
37- 42	hardpan
42- 65	gravel, coarse
65- 93	sand, clayey
95-110	clay, brown
110-122	sand, fine, brown
122-129	clay sand, gray
129-151	clay sand, brown
151-154	hardpan, brown
154-162	gravel and water
	NHW 461
0- 16	gravel and loam
16- 21	cobbles and gravel
21- 42	gravel, coarse
42- 49	hardpan, sandy, gray, clay
49- 65	clay, hardpan
65- 70	gravel, cobbles
70- 73	cobbles, gray sand
	NHW 463
0- 1	dirt, black
1- 2	dirt, brown
2- 15	clay and sand
15- 18	sand, quartz, heavy - spots of clay
18- 33	sand, white (rock or cobbles at 28 ft to 30 ft)
33- 48	sand, fine
48- 53	sand and gravel, "heavy mix", lots of quartz grains
53- 63	sand and gravel
	NHW 465
0- 46	hardpan
46- 62	sand
62- 74	hardpan
74- 89	sand gravel
	NHW 466
0- 11	gravel and sand
11- 26	hardpan
26- 45	hardpan and sand
45- 53	sand, fine, brown-white
53- 60	sand, medium coarse and fine

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 467
0- 5	loam
5- 8	gravel
8- 22	sand
22- 48	sand, clayey, gray
48- 53	sand and gravel
	NHW 469
0- 2	dirt
2- 3	clay and sand, brown
3- 4	rock
4- 94	sand, medium
94-107	sand, coarse
107-108	sand, coarse, rounded
108-134	clay, gray
134-135	sand, fine
135-178	clay, gray
178-183	sand and pebbles (gravel)
	NHW 501
0- 6	topsoil
6- 11	hardpan, sandy, dark brown
11- 16	clay sand, dark brown
16- 20	gravel and cobbles
20- 30	sand and gravel, clay seams
30- 36	sand and gravel
36- 37	boulder
37- 65	sand and gravel, fine
65- 77	sand, gray, fine
77- 80	sand, brown and gray, fine
80-107	sand and fine gravel
107-113	sand and gravel
	NHW 502
0- 1	topsoil
1- 8	loam gravel
8- 12	clay, sandy, gray
12- 30	sand and gravel
30- 50	gravel, medium
50- 75	sand and gravel
75- 96	sand, medium
96-101	hardpan and clay
102-104	sand and gravel
105-112	clay
113-116	hardpan, sandy
116-124	gravel, medium

Depth below land surface (in feet)	Description of the sediment
	NHW 503
0- 3	till (possibly fill)
3- 9	sand, light brown
9- 18	sand, fine and gravel
18- 30	gravel and sandy gray clay
31- 53	sand and gravel
53- 54	cobbles
54- 61	hardpan, gray and gravel
62- 63	cobbles
63- 76	gravel seams - gray clay and brown hardpan
76- 79	clay sand, brown
79- 87	gravel and sand (lost mud)
87- 91	sand and gravel, fine, gray
91- 94	sand and gravel
	NHW 504
0- 11	hardpan, sandy, gray; cobbles at 3 ft
11- 16	clay sand, gray
17- 23	sand and gravel
24	cobbles
25- 45	sand, gravel, some cobble
46- 64	sand, fine and medium
65- 67	clay sand, gray
68- 76	sand
76- 82	sand and gravel
	NHW 505
0- 20	gravel and lens clay
20- 26	hardpan
26	boulder - cobbles
26- 28	clay, hardpan, boulders
28-163	gravel, sandy
163-164	kaolin
164-169	hardpan clay, gray
169-189	clay, gray
189-206	gravel clay
206-225	clay, blue gray
225-234	sand, quartz

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 506
0- 4	sand
4- 6	sand and gravel
6- 8	boulder
8- 11	gravel and hardpan
11- 13	sand and gravel
14- 15	cobbles
15- 18	sand and gravel
18	cobbles
19- 23	sand, coarse, hardpan
24	cobbles
25- 30	hardpan, gravel
30	boulder
31- 38	hardpan, boulder
38- 40	boulder and cobbles
40- 44	gravel, coarse
44- 54	gravel and cobbles, coarse
54- 93	gravel, coarse, large
94-110	gravel, large
111-145	gravel, hardpan seams
145-160	gravel, gray
160-168	hardpan and clay
169-177	gravel
178-180	clay sand, gray
195	cobbles and clay
199-207	gravel
	NHW 508
0- 18	gravel
18- 28	gravel and sand
28- 42	gravel, sandy
42- 60	sand
60- 73	sand, gray
73- 77	clay
77- 82	sand, clayey
82- 90	clay sand, brown
90- 96	gravel and sand, brown
96-144	sand

Depth below land surface (in feet)	Description of the sediment
	NHW 509
0- 6	topsoil
6- 11	sand, light brown
11- 15	cobbles
15- 20	clay sand, yellow
21- 45	sand and gravel
46- 54	hardpan gravel
55- 57	boulder
57- 64	hardpan gravel
65- 68	clay hardpan
69- 71	sand and gravel
72- 91	clay sand
98-103	sand and small gravel
104-107	clay sand, green clay
108-115	hardpan, sandy, brown
115-151	sand - hardpan gravel seams
151-155	clay sand, fine, brown
156-175	clay sand
176-187	clay
187-196	clay hardpan
197-204	clay, sandy
205-215	sand and gravel
	NHW 511
0- 5	sand and gravel
5- 9	gravel, black, and oil
9- 15	sand, black muck
15- 26	clay and sand, blue
26- 41	clay, hard, black
41- 43	sand, clayey, black
43- 45	clay, gravelly, w/water
45	gravel and quartz, gray
	NHW 512
0- 18	hardpan
18- 30	clay sand
30- 32	clay
32- 35	gravel
35- 42	cobbles and sand
42-129	gravel
129-227	clay sand and clay
227-228	boulder
228-233	clay
233-245	sand and gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 514
0- 2	loam
2- 12	gravel, sandy
12- 34	sand, clayey
34- 44	gravelly
44- 60	hardpan, sandy
60-136	hardpan, clayey
136-142	hardpan, sandy
142-150	sand, fine and water
	NHW 515
0- 5	hardpan, brown
5- 8	cobbles, large
8- 13	sand and gravel
13- 16	clay, gray
16- 20	hardpan, gravelly
21- 25	boulder
25- 41	sand and gravel
41- 51	gravel, hardpan seams
51- 71	clay, gray
71- 73	hardpan, gray
73- 77	sand, gray
77-141	clay and hardpan, gray
141-149	gravel and sand
	NHW 516
0- 14	cobbles and hardpan
14- 25	hardpan, gray
25	boulders, hardpan
25- 32	hardpan, brown
32- 45	clay sand, gray
45- 54	clay, gravelly
	NHW 517
0- 7	fill, sand, and loam
8- 25	sand and dirty gravel
25- 27	clay hardpan, gray
28- 36	hardpan, stones and gravel
36- 55	sand and gravel
55- 60	gravel
61- 64	gravel, large
65- 76	sand and small gravel
77-127	sand and gravel

Depth below land surface (in feet)	Description of the sediment
	NHW 520
0- 11	sand, loamy, and gravel
11- 55	sand, clayey
55- 65	cobbles, gravel, brown
65- 74	gravel
74- 82	sand
82- 98	sand, fine
98-103	sand
	NHW 521
0- 1	topsoil
1- 9	sand and gravel, gray
11- 13	boulder
13- 33	clay hardpan, gray
35- 37	sand and gravel
37- 40	clay sand, light brown
40- 79	gravel and hardpan seams
79- 81	clay, gray and brown
82-124	sand and gravel
	NHW 522
0- 4	cobbles, gravel
4- 8	gravel
8- 22	hardpan, gravelly
22- 40	gravel, sandy
40- 49	sand, fine, gray
49- 62	sand hardpan, gray
62- 73	hardpan
73- 79	sand and gravel
	NHW 523
0- 2	topsoil, dark brown
3- 20	clay, sandy, gray
21- 26	gravel, gray
27- 35	clay and cobbles
36- 44	clay, gray
45- 61	gravel, medium and small
62- 84	sand and gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 524
0- 3	soil, boulder
3- 14	hardpan, gray
14- 26	gravel, sandy
26- 74	gravel, coarse
74- 90	sand and gravel, gray
90-101	sand, fine, gray, white
101-129	sand, fine, dirty, gray
129-150	clay, gray
150-158	clay, sandy, gray
158-188	clay, gray
188-193	sand and gravel, quartz - water
	NHW 526
0- 1	topsoil
1- 9	sand and gravel, brown
9- 54	sand and gravel, orange
55-104	cobbles and gravel
105-114	clay sand
114-130	sand
130-148	sand, brown and gray
148-215	clay
	NHW 527
0- 6	sand
6- 18	sand, clayey
18- 37	clay, blue
37- 45	hardpan, brown
45- 60	gravel, brown
60- 66	sand, brown
66- 90	hardpan, gray
90-175	clay, gray (hard driving)
175	sand, quartz
	NHW 528
0- 22	sand
22- 41	clay and hardpan
41-121	gravel
121-143	clay and sand
143-153	no record
153-173	clay
173-190	gravel

Depth below land surface (in feet)	Description of the sediment
	NHW 529
0- 1	topsoil
1- 4	sand, light brown
4- 9	gravel and sand, brown
9- 30	gravel and hardpan
30- 33	clay
34- 75	sand and gravel hardpan
76- 79	sand
80- 87	sand and gravel
88- 94	sand, dark
95-101	clay
101-106	gravel sand and clay seams
107-130	sand and gravel
130-133	clay sand
134-144	sand gravel
	NHW 530
0- 4	gravel, coarse
4- 16	sand
16- 44	hardpan, light
44- 99	gravel, medium
99-105	gravel, coarse
105-128	clay sand, hard
128-132	hardpan, clay
132-134	gravel, brown
134	gravel, coarse
	NHW 532
0- 9	loam and cobbles, clayey
9- 24	clay hardpan
24- 43	gravel, brown
58- 62	hardpan, boulder
62- 68	hardpan, brown
68	gravel, brown
	NHW 533
0- 46	silt and sand
46- 56	clay, gray
56-137	gravel and brown sand
137-146	sand, finer, brown
146-155	sand, water

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 534
0- 4	loam, silty
4- 18	clay, silty, gray
18- 27	hardpan, clayey, gray
27- 35	gravel, clayey, brown
35- 76	gravel, sandy, brown
76- 85	sand, brown
85	sand, fine, brown
	NHW 535
0- 26	sand and gravel, loamy
26- 48	sand and gravel
48- 63	sand, brown
63- 80	hardpan and sand, gray
80- 83	sand, clayey, gray
83- 90	sand, clayey, gray brown
90-112	sand, clayey, little water
112-134	clay sand, brown
134-150	sand, brown and gray
150	little water
150-163	sand and gravel, fine
	NHW 538
0- 20	boulders
20- 45	gravel
45- 65	gravel, sandy
65- 80	gravel, coarse
80-108	stones and gravel
108-120	gravel, coarse
	NHW 539
0- 8	gravel
8- 26	sand and gravel
26- 48	sand
48- 53	coarse[1]
	NHW 540
0-120	clay, sand, boulder
	NHW 541
0- 6	gravelly
6- 14	clay and boulders
14- 38	clay and hardpan
38- 66	sand, gravelly
66- 83	sand - water
	NHW 542
0- 8	sand, loamy
8- 24	sand, gray, little clay
24- 62	sand, brown
62- 74	gravel and sand
74- 97	clay, gray
97-106	sand, clayey, gray
106-144	clay, gray
144-178	clay, little sand
178-181	gravel, gray
181-196	hardpan, gravelly
196-213	clay and hardpan, sandy
213-216	sand and gravel, clayey
	NHW 543
0- 4	sand and gravel
4- 8	clay
8- 54	sand and gravel
54- 60	clay
60- 63	sand and gravel
63- 65	boulder
65- 79	hardpan
79- 81	boulder
81- 82	sand
82- 83	boulder
83- 86	sand and gravel
86- 87	boulder
87- 89	sand, brown
89- 90	boulder
90- 94	sand and gravel, brown
94-128	sand and gravel
128-155	sand and gravel, gray
155-198	hardpan
198-224	gravel
	NHW 544
0- 32	clay and gravel, sandy
32- 45	clay, blue
45- 70	sand, clayey
70	gravel, sandy

[1]Driller's log did not identify material

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 545
0- 6	hardpan
6	boulder
6- 18	clay
18- 34	clay and stones
34- 38	sand, brown
38- 42	clay hardpan, brown
42- 89	clay, gray
89-117	sand, fine, brown
117-121	sand, fine, gray
121-126	hardpan
126-141	sand, gray
141-146	sand, coarse, gray, water
	NHW 546
0- 13	gravel, fine
13- 28	cobbles and gravel
28- 32	boulders, small
32- 36	gravel, coarse
36- 38	boulders
38- 70	gravel and sand, fine
70- 78	hardpan, gray
78- 96	gravel lens sand
96-101	cobbles, gravel
101-109	gravel, fine
109-111	cobbles, gravel
111-135	gravel, fine
135-138	gravel seams, clay sand
138-142	gravel, coarse
142-143	clay sand, gray
	NHW 547
90	clay and hardpan
139	dry seam, 2 boulders
224	water and gravel, brown sand

Depth below land surface (in feet)	Description of the sediment
	NHW 548
0- 9	sand and gravel
10	boulder
9- 14	hardpan
14- 41	sand and gravel
41- 68	sand, fine
68- 86	sand, fine gray
86- 93	clay, brown
93-105	gravel, coarse
105-118	gravel and sand
118-135	sand, fine, brown
135-150	silt sand, fine, gray
150-155	sand and gravel
	NHW 549
0- 4	loam, sand
4- 9	sand, brown
10- 16	hardpan, gray
16- 30	gravel, dirty
31- 45	gravel, medium with hardpan
46- 65	gravel and sand with hardpan
66- 72	clay, brown
73- 83	gravel, hard mud
84- 96	sand and gravel, hard
96-100	clay sand, gray
101-127	sand and gravel
127-130	gravel, medium
	NHW 550
0- 8	sand and gravel
8- 20	hardpan, gray
20- 34	clay and sand
34- 66	hardpan, clayey
66- 72	hardpan, gravelly
72- 84	sand and clay, gravelly
84- 96	sand
	NHW 551
0- 18	gravel, cobbles
18- 24	sand
24- 46	clay, gray
46- 49	cobbles
49- 60	hardpan, gray
60- 65	gravel, gray - cobbles
65- 80	sand and gravel, gray
80-104	sand and gravel, brown

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 552
0- 12	gravel
12- 45	sand, brown
45- 59	sand, gray
59- 62	sand and gravel, brown
62- 75	hardpan, gray
75-105	clay, fine
105-115	gravel
115-124	hardpan, gray
124-127	gravel, sandy
127-135	hardpan, gray
135-158	clay, blue
167	sand and water
170	set screen - no water
172-191	sand, clayey
191-194	gravel
	NHW 553
0- 6	gravel
6- 40	hardpan
40-118	sand, fine, brown
118-122	sand, fine, silty, brown
122-131	sand, fine, quartz, clayey

Depth below land surface (in feet)	Description of the sediment
	NHW 554
0- 1	loam
1- 4	sand, brown
4- 5	boulder
5- 7	sand
8- 10	boulder
11- 15	sand
15- 16	boulder
17- 25	cobbles and sand
26- 28	clay
29- 55	cobbles and gravel
56- 63	sand and gray clay
64-103	sand and medium gravel
104-106	clay hardpan
107-126	sand and gravel
126-128	clay sand, brown
129-142	sand, fine gravel
142-144	clay sand
144-146	sand, hardpan, gray
147-168	sand and gravel
169-171	hardpan, gray
172-182	clay and gravel, brown, sand seams
183-193	clay, gray
193-199	gravel, coarse
199-200	hardpan
	NHW 555
0- 18	hardpan, sandy
18- 43	sand, clayey gray
43- 47	hardpan, clayey
47- 74	clay, blue
74- 88	gravel, coarse, brown
88-120	gravel, coarse, sandy
120-145	sand and gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 556
0- 1	topsoil
1- 4	sand, yellow
4- 6	sand and cobbles
6- 25	sand
25- 38	sand and gravel
38- 43	gravel and cobbles
43- 50	sand and gravel
50- 58	clay
58- 91	sand and gravel
91-110	gravel, coarse
110-132	sand and gravel
132-134	sand and gravel, gray
134-146	clay sand, gray
146-208	clay, gray
208-222	sand and gravel
	NHW 557
0- 36	sand
36- 58	clay, gray
58- 65	hardpan
65- 90	sand, brown
90-140	sand, fine, brown, water
140-164	sand, fine, brown
164-185	clay
185-188	hardpan, brown
188-190	gravel, medium
190-206	hardpan, gravelly
206-215	hardpan - coarse gravel
215-248	hardpan and dirty gravel
248-259.5	sand and gravel
	NHW 558
0- 4	sand
4- 22	hardpan
22- 95	gravel and sand
95-116	sand, fine, gray
116-130	sand, clayey, gray
130-181	clay, blue gray
181-210	hardpan, gravelly
201	gravel, water

Depth below land surface (in feet)	Description of the sediment
	NHW 559
0- 7	gravel, coarse
7- 40	gravel and hardpan, sandy
40- 56	sand, clayey, brown
56- 63	sand, clayey, gray
63- 68	gravel, sandy
68- 78	sand, gray
78-102	gravel, sandy, brown
102-112	clay, gray
112-138	hardpan, gray
138-150	hardpan, sandy
150-184	clay
184-190	clay sand
190-201	sand, fine gray
201-214	sand and gravel, fine, silty
214-217	sand and gravel
	NHW 560
0- 6	gravel
6- 8	boulders
8- 26	gravel, cobbles
26- 34	gravel, sandy
34- 45	sand, clayey, gray
45- 60	hardpan
60-100	clay, sandy, gray
100-177	clay, gray
177-220	clay hardpan
220-231	sand and gravel
231-238	hardpan, sandy
238-243	hardpan, sandy, gray (driving very hard)
243-247.8	gravel, sandy
	NHW 561
0- 89	gravel
89-109	clay, sandy
109-198	clay
198-202	clay and hardpan
202-215	hardpan, coarse
215-238	gravel and hardpan
238-240	sand and gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 562
0- 1	fill
1- 3	topsoil and sand
3- 5	sand, brown
5- 7	boulder
7- 12	cobbles and sand
12- 15	sand and gravel
16- 26	clay
26- 75	sand and gravel
75- 85	sand
85-147	hardpan and sand
147-150	gravel and sand, fine
153	lost circulation
153-154	sand
154-157	gravel, medium
158-183	clay and clay sand
183-186	gravel, large
187-196	clay, hardpan
196-201	gravel and water
	NHW 563
0- 6	soil and loam
6- 12	gravel, coarse
12- 22	hardpan - cobbles
22- 27	gravel
27- 60	hardpan
60- 91	sand, clayey, brown
91-130	clay, gray
130-156	sand, clayey, gray
156-165	hardpan
165-172	boulder
172-190	sand, fine, brown
190-194	sand, fine, gray, water
194-206	clay, gray
	NHW 564
0- 3	loam - topsoil
3- 9	loam, sand and stone
10- 26	hardpan gravel
26- 28	boulder
28- 60	sand and gravel, medium
60- 70	sand and gravel, finer
70- 75	clay sand, gray brown
75- 87	clay sand, gray
87- 99	sand, fine, hard, brown
100-114	gravel and sand, medium

Depth below land surface (in feet)	Description of the sediment
	NHW 565
0- 6	gravel
6- 14	boulders
14- 30	sand
30- 45	sand, gray hardpan
45- 50	clay, gray
50- 65	gravel, brown
65-108	sand, fine brown
108	clay
	NHW 566
0- 1	topsoil
2- 9	sand hardpan, brown
10- 45	sand and gravel, brown
46- 50	gravel and sand, medium
50- 67	sand and gravel, coarse
67- 70	boulders and cobbles
71- 85	gravel, coarse
85-105	sand and gravel, medium
106-114	gravel and sand, medium to small
	NHW 567
0- 1	topsoil
1- 9	loam sand
9- 11	boulders
11- 18	hardpan sand
18- 19	boulders
19- 27	hardpan sand, gravel seams
27- 28	boulder
29- 60	gravel, cobbles, hardpacked (lost mud)
60- 75	sand and gravel
75- 93	sand, dark brown
93- 98	sand and gravel (lost mud)
99-125	clay, gray
125-128	gravel, small, sandy
129-140	clay hardpan
140-164	sand and gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 569
0- 9	sand and gravel
10- 17	hardpan
17- 24	gravel
24- 25	boulder
26- 30	hardpan
30- 45	clay
45- 47	gravel
47- 57	clay
57- 59	gravel, medium
59- 64	clay
65- 90	gravel, medium
90- 92	gravel
92-105	gravel, sandy
105-109	gravel, medium
110-123	hardpan, gravel
124-133	sand, fine, hard, gray
133-144	sand, brown
145-147	gravel, medium
148-150	clay
150-161	sand and gravel
	NHW 570
0- 11	sand, silty, gray
11- 16	gravel
16	cobbles, boulder
16- 28	cobbles, hardpan
28- 42	cobbles and gravel
42- 60	sand, fine, brown
60- 83	sand, dark brown
83- 92	clay, gray
92- 96	gravel and hardpan
96-135	sand and gravel
135-165	sand, fine, brown
	NHW 572
0- 5	sand
5- 16	loam, sandy
16- 48	sand, clayey
48- 74	sand, gravelly
74-133	clay and hardpan
133-145	sand, gray, clayey

Depth below land surface (in feet)	Description of the sediment
	NHW 573
0- 0.5	topsoil
0.5- 9	sand, yellow
9- 18	sand, brown
19- 32	clay sand, gray
32- 42	sand, gray brown
42- 46	gravel, medium, orange
47- 56	cobbles and boulders
57- 60	sand and gravel
60- 76	hardpan gravel, clay seams
76- 83	clay hardpan, sandy, gray
83- 90	clay seams - gray hardpan
91- 94	hardpan gravel, gray
94-106	clay hardpan, gray
106-120	clay seams, gray
120-131	clay hardpan
131-136	clay and gravel seams
137-140	sand
141-150	sand, gravel, hardpan
150-152	sand, white
153-160	clay hardpan
161-170	clay and clay sand
170-172	gravel, sandy
173-178	clay
178-180	boulder
180-190	sand and gravel
	NHW 574
0- 15	sand, yellow
15- 60	sand, brown
61- 78	sand and gravel
78- 81	hardpan sand
82- 84	boulder
84- 93	sand and gravel, water
94-125	sand
126-136	clay sand
138-148	sand and gravel, quartz
150-182	hardpan, sandy
183-184	boulder
184-194	sand and gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 575
0- 5	sand, brown
5- 8	sand, gray
8- 21	hardpan, gray
21- 27	gravel and hardpan, brown
27- 32	clay, sandy
32- 54	sand, brown
54- 63	hardpan, sandy, gray
63-110	gravel, sandy, brown
110-124	hardpan, sandy, gray
124-134	sand, fine, silty, brown
134-140	clay, blue
140-144	sand, clayey
144-160	clay
160-176	hardpan
176-194	hardpan, sand and gravel
	NHW 576
0- 7	silt, loamy
7- 18	clay
18- 23	hardpan
23- 34	sand, fine, brown
34	sand and gravel, brown, water
	NHW 577
0- 16	hardpan, gravelly
12	boulder
16- 37	gravel and sand
17	boulder
24	boulder
37- 46	sand, packed
46- 51	hardpan, brown
51	boulder
51- 60	cobbles and gravel
60- 71	sand, hardpan
71- 93	sand and gravel, dirty
	NHW 578
150-170	hardpan, some light gray-white sandy clay
220-230	clay, sandy, light gray, with soft black organic grains, occasional cobble

Depth below land surface (in feet)	Description of the sediment
	NHW 583
0- 38	gravel
38- 87	sand, fine, brown
87-105	clay, gray
105-127	gravel hardpan and sand, gray
127-144	gravel, clayey
	NHW 601
0- 4	loam
4- 32	sand and gravel
32- 45	gravel, sandy
	NHW 604
0- 9	sand, silty
9- 36	sand and silty clay
36- 42	sand and gravel
	NHW 606
0- 2	topsoil
2- 5	loam sand
5- 15	clay sand
15- 20	hardpan gravel, sandy
20- 21	boulder
21- 27	hardpan gravel
27- 29	boulder
29- 34	sand and gravel
34- 35	boulder
55- 39	sand and gravel
39- 40	clay, yellow
40- 61	gravel, hard (mud loss)
61- 73	gravel, hard, sand and gravel
73- 84	sand and gravel
	NHW 607
0- 11	gravel
11- 60	sand, brown (boulders at 8 ft and 34 ft)
60- 70	sand, caving
70- 78	sand, clayey
78- 93	gravel
93- 96	cobbles, large
96-136	sand

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 609
0- 36	silt sand, brown
36- 70	cobbles, gravel
70- 96	sand and gravel
96-106	sand, fine
106-114	clay, brown sand
114-130	clay, blue gray
130-139	sand, gravelly
	NHW 610
0- 14	gravel
14- 30	sand
30-106	sand and gravel, clean
106-123	sand, brown
	NHW 612
0- 0.5	topsoil
0.5- 5	sand, yellow
5- 33	sand and gravel
33- 64	clay sand, fine, gray and white
64- 65	gravel
65- 68	sand and fine gravel
68- 72	clay hardpan
73- 91	sand and gravel
	NHW 614
0- 18	sand and gravel
18- 89	hardpan, clayey
89-102	sand and gravel
	NHW 615
0- 30	clay, brown
30- 47	clay, gray blue
47- 62	gravel, coarse, brown
	NHW 616
0- 52	sand and gravel
53- 54	boulder
55- 57	hardpan, gravel
58- 65	sand and gravel
66- 69	clay, gray
70- 75	sand and gravel
76- 79	cobbles
80- 84	gravel, coarse
83	screen - no water
84- 92.5	gravel, medium

Depth below land surface (in feet)	Description of the sediment
	NHW 617
0- 18	gravel, coarse
18- 19	gravel, finer
19- 21	cobbles - boulder
21- 35	gravel, sandy
35- 64	sand, dirty, brown
64- 78	clay
78- 82	sand and gravel
82- 90	water in gravel
	NHW 619
0- 7	sand
7- 44	gravel, brown
44- 78	sand and gravel
78- 93	sand, gravel, water
	NHW 622
0- 1	topsoil, loam
1- 4	gravel and clay
5- 15	sand and gravel
15- 48	hardpan and clay, sand seams
48- 67	gravel, coarse, hard
67- 68	boulder
68- 82	sand and gravel
82- 83	sand
83- 85	clay sand, gray
	NHW 623
0- 4	loam, sandy
4- 9	gravel
9- 23	sand, dirty
23- 43	gravel, fine
43- 53	hardpan
53	gravel, coarse
	NHW 625
0- 22	sand and gravel
22- 42	clay, brown
42- 51	gravel, sand
51- 56	gravel, coarse
	NHW 626
0- 30	sand
30- 75	clay
75- 95	sand

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 627
0- 2	soil, black
2- 6	till, silty, sandy, dry, grayish brown
6- 16	till, silty, sandy, dry, brownish gray
16- 23.5	till, sandy, silty, wet, gray
23.5- 27	gravel and fine to very coarse sand, trace very fine sand
	NHW 628
0- 2	sand, silt and gravel (disturbed till)
2- 25	till, silty, sandy, gravelly, medium gray, with several layers or zones of brownish gray
	NHW 629
0- 2	soil, organic
2- 4	silt
4- 35	till, silty, sandy, hard, medium gray; more gravelly at depth with some light brown to light gray and dark gray
	NHW 630
0- 1	soil, organic, and brown silt
1- 20	silt, firm, light brown, probably not layered
20- 31	silt, sandy, with occasional pebbles
31- 39	silt, pebbly, some sand, sub-angular pebbles (probably till)
39	refusal

Depth below land surface (in feet)	Description of the sediment
	NHW 631
0- 6	sand, very fine to medium
6- 26	sand, very fine, clean
26- 39	sand, very fine to fine
39- 55	till, stony
55- 63	sand, very coarse to medium, and granules, rusty, clayey (not till)
63- 64	sand, very fine and silt
	NHW 632
0- 2	soil, light brown
2- 9	silt, grayish brown, very fine to fine sand and subrounded pebble gravel
9- 10	cobble
10- 13	silt, pebbly, sandy
13	boulder; moved 5 ft south; 0 ft to 15 ft same
15- 19	sand, very fine to very coarse, silty, gravelly; water at 16 ft
19	cobble
19- 21.5	till, sandy, gravelly, gray
	NHW 633
0- 41	gravel
41- 64	clay and sand, gray
64- 75	sand, fine, brown
75-118	silt, clayey, brown
118-122	gravel, clayey, brown
	NHW 635
0- 44	sand and gravel
44- 54	gravel - cobbles
54- 70	sand and gravel
70- 79	gravel, coarse, cobbles
79- 83	gravel, coarse
83- 89	cobbles and gravel
89-129	gravel, coarse
	NHW 640
0- 1	soil
1- 3	clay
3- 5	clay and sand
5- 54.4	clay
55.4-63.4	sand

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 650
0- 34	sand, brown
34- 51	sand, gray
51- 63	clay, sandy, gray, brown
63- 70	sand, gray brown
70- 74	sand and gravel, brown
74- 76	clay, red
76- 83	gravel, dirty, red brown
83-100	hardpan, sandy, gray
100-105	hardpan, red-gray
105-107	hardpan, gray
107-110	hardpan, clayey, white and red
110-112	clay, white, little sand
112-127	sand, fine, white
127-131	sand and gravel, quartz, white
131-134	hardpan and sand, white
	NHW 651
0- 11	gravel
11- 28	sand
28- 36	gravel
36- 46	sand, brown
46- 57	hardpan, gray
57- 65	sand, brown
65- 68	clay sand, brown
68- 87	clay hardpan, gray
87- 92	sand and gravel, brown
92	water bearing
	NHW 652
0- 30	gravel, sandy
30- 70	clay, sandy
70- 95	sand, fine, brown (bad boulder at 82 ft)
95-109	sand, white, and little gravel
110	clay, white

Depth below land surface (in feet)	Description of the sediment
	NHW 654
0- 3	loam
3- 13	kaolin
13- 26	sand, white
26- 34	sand, gray
34- 48	hardpan
48- 55	gravelly
55- 70	sand
70- 99	clay sand, silty, brown
99-103	sand, beach
103-120	clay hardpan, gray
120-124	gravel, water
	NHW 655
0- 9	gravel
9- 32	sand and gravel
32- 35	gravel
35- 43	sand
43- 65	hardpan, sand
65- 74	sand, brown
74- 90	gravel
90-101	gravel, sand, water
101-109	sand, quartz, white
109	clay, white
	NHW 656
0- 2	sand, loamy
2- 4	sand, white
4	boulder
4- 12	sand, brown
12- 14	kaolin
14- 28	sand, quartz, white
28- 30	kaolin
30- 34	sand, white
34- 35	clay sand
35- 38	clay and hardpan
38- 56	gravel and sand
56- 58	cobbles
58- 70	sand and gravel
70- 85	gravel, large, and sand

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 657
0- 4	hardpan
4- 10	soil, clayey, brown
10- 12	kaolin, white
12- 16	sand and gravel, white
16- 22	sand, brown
22- 27	gravel
27- 39	sand
39- 48	gravel, coarse
48- 55	hardpan and clay, gray
55- 66	hardpan, soft, gray
66- 78	sand, fine, brown
78	gravel and sand
	NHW 658
0- 4	muck
4- 11	sand
11- 20	clay sand, brown
20- 23	cobbles and gravel, hardpan
23- 26	gravel, water
	NHW 660
0- 4	sand and gravel, loamy
4- 8	gravel, sand and cobbles
8- 22	hardpan
22- 30	clay, sandy
30- 42	hardpan, sandy
42- 55	hardpan, clayey
55- 60	clay, gray
60- 78	sand, very fine, gray
78-108	sand and clay
108-111	sand
	NHW 661
0- 4	sand, brown
4- 6	boulder
6- 12	sand and gravel
12- 15	cobbles
15- 42	sand and gravel
42- 43	boulder
43- 49	sand and gravel
49- 50	boulder
50- 55	sand and gravel
55- 57	cobbles
57- 83	hardpan, sandy
83- 96	clay, fine, sandy, with water

Depth below land surface (in feet)	Description of the sediment
	NHW 662
0- 20	gravel
20- 28	sand
28- 46	hardpan, clayey
46- 58	gravel and sand; boulder at 49 ft
	NHW 664
0- 7	sand
7- 11	gravel
11- 14	marl
14- 18	gravel, fine
18- 25	gravel, coarse, gray, shells, and cobbles
25- 31	gravel, coarse, brown, and shells
31-105	hardpan, gray
105-132	sand, clayey
132	gravel and fine sand
	NHW 665
0- 11	sand
11- 18	gravel, coarse
18- 35	gravel, medium, brown
35- 53	sand and gravel-water
	NHW 667
0- 27	sand, brown
27- 28	boulder
28- 38	sand and gravel
38- 48	gravel and sand
48- 75	sand, clayey
94	cobble, brown-no water
95-107	clay
107-112	sand, clayey and water
112-117	sand, clay, gravel
	NHW 668
0- 19	sand and gravel, dirty
19- 22	sand and gravel
22- 28	cobbles and gravel
28- 34	hardpan, brown
34- 49	sand and gravel
49- 59	gravel and cobbles, coarse
59- 63	sand, gray, gravel, quartz
63- 85	gravel
85-100	clay and sand
100-111	sand gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 669
0- 45	no record
45- 66	sand and hardpan
66- 95	sand and water
95-100	sand, brown, gray
	NHW 670
0- 2	soil
2- 70	gravel, coarse, and sand
70-110.2	gravel and sand
	NHW 673
0- 1	topsoil
1- 6	sand
6- 9	gravel
9- 16	sand, clayey
16- 18	boulder
18- 30	gravel - cobbles
30- 40	gravel and sand, large
41- 44	cobbles and large gravel
45	gravel
5.5- 46.5	boulder
	NHW 674
0- 5	gravel, dirty
5- 13	sand, loamy
13- 31	gravel, coarse
31- 48	sand and gravel
48- 55	sand
55- 64	gravel and sand
	NHW 675
0- 6	sand clay
6- 18	boulders and gravel
18- 36	gravel, coarse

Depth below land surface (in feet)	Description of the sediment
	NHW 676
0- 4	sand
4- 6	boulder
6- 9	sand
9- 10	boulder
10- 15	sand and gravel
15- 21	hardpan gravel, yellow
22- 25	cobbles
26- 81	hardpan, gravel
82- 83	cobbles, gravel
83-110	hardpan, gravel
110-118	clay sand, brown
118-123	gravel, sandy
123-136	clay sand, hard, gray
136-147	clay, gray
147-150	sand
151-157	clay
157-159	clay sand
160-185	sand and gravel
	NHW 677
0- 2	topsoil
2- 8	sand
8- 15	sand and boulders
15- 55	sand and gravel - cobbles
55- 57	hardpan
58- 62	sand, gravel
62- 85	hardpan and gray clay
85-100	hardpan, gray
100-108	clay, gray
108-124	sand and gravel
	NHW 678
0- 28	gravel, silt
28- 35	cobbles
33- 40	gravel, coarse
40- 79	gravel, sandy
79-110	gravel
110-116	gravel, very coarse
116-124	hardpan
124-131	sand, cobbles, gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 679
0- 20	gravel, cobbles
20- 32	gravel
32- 35	boulder, cobbles
35- 39	gravel, coarse
39- 56	gravel
56- 72	gravel and sand
72- 86	sand, dirty
86	boulder
86-109	sand and gravel
109-120	sand, coarse
120-128	sand, clayey
128-135	hardpan, clayey
135-145	sand, clayey
145-166	clay, gray
166-167	clay hardpan, gray
167-173	gravel and sand
174	hardpan
174-183	hardpan
175-176	boulder
183-186	hardpan, gravelly
186-189	gravel, sandy
	NHW 680
0- 10	cobbles and boulders
10- 28	gravel, coarse
28- 38	gravel
38- 78	sand, clayey
78- 90	clay, blue gray
90- 93	hardpan, cobbles
93-106	gravel
	NHW 682
0- 3	loam, sand
4- 9	hardpan, gravel
10- 26	cobbles and gravel
27- 48	sand and gravel
49- 59	sand, fine, hard
60- 85	sand and gravel, fine
86- 90	clay sand
91-160	sand, fine
161-190	clay sand
191-211	gravel, medium
212-232	sand and hardpan

Depth below land surface (in feet)	Description of the sediment
	NHW 684
0- 26	hardpan, sandy, gray
26- 40	gravel, coarse - hardpan
40- 62	gravel, coarse, brown
62- 76	hardpan, sandy, gray
76- 92	sand and clay, black
92-109	clay, blue
109-122	gravel
	deepened; log continued below
119-156	gravel, coarse
156-165	sand and gravel
165-168	gravel and fine sand
	16 in. gravel at bottom
	NHW 685
0- 8	silt and sand
8- 9	gravel, dirty
9- 22	hardpan, gray
22- 28	sand, silty, brown
28- 37	gravel, coarse, brown
37- 46	sand, brown
46- 69	sand and gravel
	NHW 686
0- 8	loamy and gravel
8- 17	sand, clayey
17- 30	clay, blue
30- 43	sand, quartz, white
43- 58	gravel, brown
58- 78	sand and gravel, high iron
78- 93	clay hardpan
93- 95	sand, fine
95-103	hardpan
103	lens gravel
103-110	sand, fine
110-116	hardpan
116-118	sand, fine, gray
118-126	sand, fine, brown
126-132	sand and gravel
132	hardpan lens
132-150	sand, fine, gray brown
150-172	hardpan and clay
172-177	hardpan
177	no water
177-184	gravel material

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 687
0- 52	sand, gravel, cobbles, boulders
53- 56	boulder
57- 83	sand and gravel
86- 88	boulder
88-123	hardpan, sandy, gray
123-126	clay, gray
127-135	gravel and water
	NHW 688
0- 2	sand
2- 3	boulder
3- 4	sand
4- 5	boulder
5- 7	cobbles
7- 12	gravel, sandy
12- 13	boulder
13- 17	gravel, sandy
17- 18	boulder
18- 40	gravel, sandy
40	boulder
40- 42	gravel, sandy
42- 50	hardpan
50- 55	sand and gravel, gray
55- 62	hardpan
62- 71	clay sand
71- 95	clay sand and gravel
95-106	hardpan
106-107	boulder
107-118	hardpan
118-120	clay
120-130	sand and gravel
	NHW 689
0- 0.5	topsoil
0.5- 4	sand, yellow
4- 12	hardpan gravel, dark
12- 24	sand and gravel
24- 28	clay hardpan gravel
29- 40	sand and gravel
41- 55	sand, hardpacked
56-105	sand and gravel
105-120	sand, brown
121-128	clay sand, gray

Depth below land surface (in feet)	Description of the sediment
	NHW 691
0- 14	soil and brown clay
14- 20	sand and gravel
20- 24	hardpan, gray
24- 28	sand, gray
28- 46	gravel, brown
46- 64	hardpan, clayey
64- 86	gravel and sand
86-103	silt, clayey
103-120	sand, clayey, gray
120-206	clay, gray
206-216	gravel and sand
	NHW 692
0- 24	boulders and gravel
24- 40	sand, brown
40- 54	sand, black
54- 62	sand, brown
62- 70	clay, brown
70- 74	gravel and sand, brown
74- 88	gravel, brown
88-102	gravel, coarse
102-140	sand
140-164	sand, very fine, brown
164-180	sand, fine, gray
180-184	sand, gray
184-248	clay, gray
248-254	sand and gray gravel
	NHW 693
0- 1	loam
2- 16	clay sand, yellow
17- 30	sand, gray brown
33- 37	clay sand
38- 43	gravel, medium
44- 50	sand and gravel
50- 68	hardpan, gray, and gravel
68- 74	clay
75- 92	gravel and hardpan
93-108	sand and gravel
110-140	sand and clay seams
141-143	gravel, fine
144+	hardpan and sand

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 695
0- 9	soil, clayey
9- 18	clay hardpan
18	boulder
18- 24	cobbles
24	boulder
24- 28	gravel, coarse
28- 65	sand, clayey, brown
65- 78	hardpan, gray
78- 96	clay, gray
96-105	sand and gravel, clayey
	NHW 696
0- 1	topsoil
1- 4	sand, yellow
5- 9	gravel, medium
9- 15	hardpan, gray, and gravel
15- 22	gravel and cobbles
	NHW 698
0- 4	fill
4- 62	gravel, coarse
62- 80	gravel
80-116	sand
116-120	clay, very fine sandy
120-125	sand, clayey
125-132	clay, brown
132-142	sand, clayey, brown, water
142-156	sand, fine, clayey, brown
156-161	sand gravel, rusty
	NHW 699
0- 60	gravel and sand, medium coarse
60- 84	sand, brown
84-123	gravel, cobbly, some sand
123-143	sand, medium, brown
	NHW 700
0- 1	topsoil
1- 4	gravel, sandy, gray
4- 30	sand and gravel
30- 45	sand and gravel, medium
45- 60	sand and gravel, medium, cobbles

Depth below land surface (in feet)	Description of the sediment
	NHW 703
0- 5	sand
5- 15	gravel
15- 34	silt, brown clayey
34- 48	gravel, brown
48	boulder
48- 67	gravel
67- 85	hardpan
85- 98	hardpan, gray sandy
98-136	sand, fine brown
136-170	clay, brown
170-178	sand, clayey, gray
178-188	gravel, clayey, gray
188	gravel, sand
	NHW 704
0- 86	gravel
86- 98	hardpan
98-110	gravel and sand
110-112	cobbles
112	boulder trouble
112-130	gravel, coarse
130-136	cobbles
136-186	gravel and cobbles
185	water
	NHW 706
0-	boulders and cobbles
122-155	like rock
244	sand and gravel
	NHW 708
0- 21	gravel
21- 32	clay, brown
32- 80	sand and gravel
80	gravel
	NHW 709
0- 18	soil and gravel - coarse
18- 54	gravel
54-108	sand and gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 710
0- 6	sand
6- 35	sand and gravel
35- 45	sand and small cobbles
45- 65	sand, gravel, hardpan
65	boulder
66- 98	sand and gravel, hardpan seams
98-104	gravel and cobbles, clean
104	boulder
106-115	sand and gravel
116-118	boulder
118-134	sand and cobbles
134-139	clay
139-141	sand and gravel
141-144	clay
145-164	sand and gravel
	NHW 712
0-100	gravel, coarse, and sand
100-153	sand, medium
153-154	clay, gray
154-165	sand, fine
	NHW 714
0- 2	sand and gravel fill
2- 2.5	concrete slab
3- 5	sand loam, brown
5- 9	gravel, dark brown
10- 18	sand and gravel
18- 22	boulder
23- 35	sand, light brown, and gravel
35- 50	sand and gravel, medium, and clay seams
51- 58	sand and gravel, medium to coarse, and clay seams
59- 63	hardpan, gray
63- 65	clay hardpan
65- 66	boulder
66- 70	hardpan gravel, gray, and clay seams
70- 79	gravel and hardpan layers
79- 82	clay sand
83- 97	hardpan gravel, gray
98-105	sand and gravel
106-107	cobbles and gravel

Depth below land surface (in feet)	Description of the sediment
	NHW 715
0- 5	gravel, fill
6- 12	clay, brown
12- 56	sand and gravel
57- 65	clay hardpan
66- 86	gravel and sand, quartz
	NHW 716
0- 5	fill - sand and cobbles
5- 18	sand, dark brown
18- 23	sand and hardpan seams
23- 42	hardpan and gravel seams
43- 46	clay, gray
46- 91	sand, gray white
91-100	clay, dark gray
101-124	gravel, small to medium
	NHW 717
0- 2	topsoil
2- 25	clay and hardpan
25- 40	sand and gravel
40- 41	boulder
41- 80	sand and gravel
80- 83	cobbles
83- 92	sand and gravel
	NHW 718
0- 1	soil
1- 10	clay, brown
10- 14	sand, coarse
14- 18	clay, gray (hardpan)
18- 24	clay and sand
24- 33	sand
33- 63	sand, coarse
	NHW 720
0- 22	sand and silt
22- 38	sand, clayey
38- 80	gravel
80-120	sand
120-135	sand, fine
135-172	clay sand, fine
172-188	hardpan, very hard, gray
188-193	gravel, clayey
193-198	gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 721
0- 68	gravel
68- 90	hardpan and sand
90-108	clay
108-115	cobbles
115-150	gravel
150-156	cobbles
156-161.5	gravel, coarse, cobbly
	NHW 722
0- 8	sand and gravel
8- 13	clay sand
13- 36	sand and gravel
36- 38	sand, fine
38- 42	sand and gravel
42- 43	boulder
43- 50	sand and gravel
50- 53	cobbles
53- 60	sand and gravel
60- 75	sand, fine
75-145	clay sand
145-153	sand and gravel
	NHW 723
0- 73	sand, clayey, brown; boulders at 16 ft, 22 ft, 25 ft
73- 78	cobbles and stones
78- 83	sand, clayey, gray
83-113	clay and sand
113-123	gravel and quartz sand
	NHW 724
0- 7	sand
7- 21	gravel
21- 34	sand, brown
34- 39	gravel and cobbles
39- 50	sand, medium, brown
50- 85	sand and gravel
85-110	sand, coarse, brown
110-121	sand, moderately fine
	NHW 725
0- 14	hardpan
14- 18	hardpan and sand
18- 68	sand

Depth below land surface (in feet)	Description of the sediment
	NHW 726
0- 18	sand and brown clay
18-123	sand
123-130	gravel, coarse
130-138	sand and little clay
	NHW 727
0- 18	clay sand, brown, gray clay, red clay
18- 28	sand
28- 33	clay, light gray and sand
33- 48	sand, medium
48- 53	sand
53- 58	clay
58- 63	sand, medium to coarse
63- 67	sand, fine
67- 68	clay
68- 75	sand, medium
75- 83	clay and sand
83- 89	sand
89- 93	sand, fine
	NHW 732
0- 12	soil and sand
12- 14	hardpan
14- 15	rock
15- 39	hardpan with varying amounts of sand
39- 45	sand, some clayey hardpan
45- 46	clay, red
46- 48	sand, clean
48- 53	sand, medium to fine
53- 89	sand
89- 93	clay and sand
	NHW 738
0- 8	loam, sandy
8- 70	hardpan, gray
70- 74	unknown
74	boulder
74-120	hardpan
120-147	gravel, sandy

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 741
0- 3	sand, brown
4- 5	gravel, fine
5- 20	sand, dark brown
21- 26	clay, brown sand
26- 31	gravel, medium
34- 36	boulder
36- 45	gravel and clay seams
45- 70	hardpan gravel, gray
70- 76	clay sand, gray
76- 86	hardpan, clay gravel seams
87-104	sand and gravel
	NHW 742
0- 9	gravel
9- 23	gravel, sandy
23- 34	sand, gray
34- 40	hardpan - gray sand
40+	fine sandy material, brown
	NHW 743
0- 7	soil, clayey
7- 40	clay, gravelly, brown
40- 42	gravelly
42- 50	clay
50- 61	sand, clayey
61- 68	gravelly with hardpan
68- 78	clay, sandy
78-100	clay
100-103	hardpan, clayey
103-110	gravelly
	NHW 744
0- 5	loam, black
5- 16	cobbles and gravel
16- 34	clay sand, silty
34- 56	sand, clayey, brown
56-102	hardpan, clayey
102-112	sand and gravel, brown
	NHW 745
0- 7	sand, loamy
7- 15	clay, brown sand
15- 40	hardpan
40- 61	clay hardpan
61- 68	hardpan, gravelly
68- 73	sand, gravelly

Depth below land surface (in feet)	Description of the sediment
	NHW 751
0- 32	sand, silty
32- 36	gravel, clayey
36- 45	gravel, brown
45- 60	gravel, sandy, brown
60	water
60- 78	sand, brownish black
78- 88	hardpan
88- 98	hardpan, sandy
98-102	sand and gravel
	NHW 752
0- 5	clay sand, gray
5- 19	sand, brown
20- 27	sand and gravel
28- 30	clay, gray
31- 38	hardpan, brown
40- 60	hardpan - gravel seams
61- 90	hardpan
91-104	gravel, hard
105-130	clay sand, gray
131-135	gravel, medium hard
135-160	hardpan, gray
160-182	clay sand, gray
183-192	clay, gray
192-209	hardpan
209-212	sand and gravel
212-214	clay
214-216	sand and gravel
216-220	clay sand
220-221	cobble
222-231	hardpan and sand
232-237	sand, gray
238-246	sand and gravel, quartz, gray
	NHW 756
0- 10	soil, sandy
10- 47	gravel

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 760
0- 14	gravel
14- 38	gravel and cobbles, coarse
38	bad boulder
38- 46	cobbles - gravel
46- 58	sand and gravel
58- 80	gravel
80-142	sand and gravel
	NHW 761
0- 32	sand
32- 63	sand and gravel
63- 76	gravel
76- 79	boulder
79-120	gravel
120-160	sand and gravel
	NHW 762
0- 41	sand, brown
41- 51	sand and gravel
51- 52	boulder
52- 58	gravel
58- 68	hardpan
68- 69	boulder
69- 88	gravel
88- 90	clay sand
90- 94	clay
94- 96	clay sand
96-140	sand and gravel
140-156	sand, brown - water
156-161	sand, fine, gray
161-164	sand, brown - no water
	NHW 765
0- 10	sand and cobbles
10- 35	gravel, coarse
35- 50	gravel and sand, coarse
50- 75	gravel, medium
75- 79	sand
79- 83	gravel
	NHW 766
0- 8	sand, loamy
8- 53	sand and gravel
53- 70	gravel, coarse, cobbly
70- 95	gravel
95-143	sand and gravel

Depth below land surface (in feet)	Description of the sediment
	NHW 767
0- 12	gravel
12- 38	sand, clayey
38- 63	clay sand, silty, gray
63- 74	clay, gray
74- 99	sand, brown
99-110	hardpan, brown
110-	gravel
	NHW 768
0- 7	gravel
7- 36	clay silt, brown
36- 39	clay, gray
39- 56	clay silt, brown
56- 62	clay, gray
62-104	clay sand, brown
104-124	clay, gray
124-131	gravel
	NHW 769
0- 8	sand, silty
8- 38	clay sand, brown
38- 76	sand, fine, brown
76- 94	clay, gray
94-100	gravel
	NHW 771
0- 1	soil
1- 33	boulders
33- 43	sand
43- 57	unknown
57- 63	clay and sand
63- 83	sand and clay
83-101	sand

Table 2.--Lithologic logs of selected wells and test borings--Continued

Depth below land surface (in feet)	Description of the sediment
	NHW 774
0- 1	soil
1- 4	clay, gray
4- 15	sand and cobbles
15- 23	sand (90 percent) and clay (10 percent)
23- 30	clay (90 percent) and sand
30- 43	clay
43- 48	sand (80 percent) and clay
48- 63	sand (50 percent) and clay
63- 80	sand
80-102	hardpan
102-107	sand
108-113	sand (good), medium to very coarse
113-123	sand, fine
123-138	sand, coarse, with salt water
	NHW 780
0- 7	sand
7- 10	gravel
10- 34	sand, fine
34- 40	cobbles and gravel
40- 64	gravel and sand

Table 3.--Total monthly precipitation at selected stations (801-811) from October 1988 to December 1990

[--, no data available; values are in inches]

STATION NUMBER	OCT 88	NOV 88	DEC 88	JAN 89	FEB 89	MAR 89	APR 89	MAY 89	JUN 89	JUL 89
801	--	10.19	1.84	1.77	2.41	3.66	5.30	--	--	--
802	--	7.54	1.01	1.36	2.66	3.86	3.71	3.54	6.11	7.21
803	--	8.72	1.63	1.38	3.66	4.07	4.20	--	--	--
804	--	7.87	1.65	1.72	2.54	4.25	4.27	3.88	5.40	6.88
805	--	12.56	2.48	1.50	2.73	4.25	4.29	3.73	5.70	6.53
806	--	--	1.53	1.63	2.28	5.76	4.21	4.06	6.26	8.71
807	2.67	8.03	1.38	1.57	1.56	3.34	4.99	6.38	4.51	5.82
808	--	7.58	2.36	1.88	2.86	5.07	5.07	4.39	5.33	7.12
809	--	--	--	1.34	2.40	4.45	4.47	4.52	5.19	7.35
[1]810	2.58	9.11	1.23	1.48	--	--	--	3.87	5.64	7.09
811	--	7.50	1.41	1.74	2.73	4.02	4.88	3.50	5.86	7.55

STATION NUMBER	AUG 89	SEP 89	OCT 89	NOV 89	DEC 89	JAN 90	FEB 90	MAR 90	APR 90	MAY 90
801	--	--	--	--	--	--	--	--	--	--
802	3.72	--	--	--	--	--	--	3.92	4.89	2.77
803	--	--	--	--	--	--	--	--	--	--
804	--	--	--	--	--	--	--	--	--	--
805	3.91	4.19	6.68	4.31	3.34	5.12	2.79	1.68	5.89	6.15
806	3.94	--	5.00	--	--	--	--	--	--	--
807	3.36	4.15	4.31	4.51	1.96	4.54	--	1.86	5.04	5.33
808	4.12	3.60	5.01	4.75	2.81	5.27	3.11	1.84	5.41	6.81
809	2.75	3.95	6.45	3.25	3.60	--	--	--	--	--
[1]810	3.30	3.89	6.00	4.06	1.69	6.17	2.39	1.33	5.82	5.70
811	3.46	5.21	4.17	5.85	2.01	4.49	2.85	1.75	4.20	7.12

STATION NUMBER	JUN 90	JUL 90	AUG 90	SEP 90	OCT 90	NOV 90	DEC 90
801	--	--	--	--	--	--	--
802	--	--	--	3.90	--	--	--
803	--	--	--	--	--	--	--
804	--	--	--	--	--	--	--
805	1.75	--	--	--	--	--	--
806	--	--	--	--	--	--	--
807	--	--	--	--	--	--	--
808	1.93	4.21	1.31	2.57	3.48	1.59	5.25
809	--	--	--	--	--	--	--
[1]810	1.00	2.37	.35	1.65	2.59	1.33	--
811	2.37	3.24	1.30	--	--	--	--

[1]Station 810 is Block Island State Airport weather station

Table 4.--Periodic water levels in selected ponds

[Altitudes are of zero point on staff gage, in feet above the NGVD of 1929. Water levels are in feet above zero point on staff gage. Altitudes for Fresh and Sands Ponds were leveled; all others were determined with a topographic map. --, no data available; <, less than; D, pond bottom dry; F, pond frozen; M, mud at gage; S, snow on frozen pond; U, gage under water.]

STATION NUMBER	812	813	814	815	816	817	818	819	820	821	822	823
POND NAME	JOHN E'S	SANDS	FRESH	OLD MILL	DEEP	DICKENS (WORDEN)	BEACON HOLLOW FARM	TEA ROOM	NO. 9	SMITH (LITTLE SACHEM)	MIDDLE	SACHEM
ALTITUDE	155	117.24	88.11	115	90	100	30	90	80	105	8	5
DATE												
05/15/88	--	1.73	--	1.83	--	--	--	--	--	--	--	--
05/27	--	1.89	--	1.87	--	--	--	--	--	--	--	--
06/08	--	--	--	1.46	--	--	--	--	--	--	--	--
06/16	1.95	--	2.18	1.14	2.34	--	2.22	1.72	1.24	--	2.28	--
06/17	--	--	--	--	--	2.40	--	--	--	--	--	--
06/29	1.76	.88	2.03	.72	2.13	--	1.98	1.40	1.02	--	2.02	--
07/11	1.50	.37	1.83	.26	1.86	--	1.72	1.04	.75	--	1.77	--
07/18	1.40	.18	1.74	.00	1.72	1.96	1.60	.86	.63	1.98	1.67	1.50
07/25	1.58	.36	1.89	.38	1.96	2.16	1.78	1.16	.86	2.16	1.92	1.68
08/01	1.52	.32	1.86	.34	1.78	2.16	1.75	1.08	.83	2.10	1.88	1.66
08/11	1.32	.11	1.78	.00	1.50	1.98	1.50	.78	.60	1.90	1.65	1.48
08/15	1.20	.00	1.58	<.00	1.38	1.90	1.41	.77	.50	1.80	1.54	1.39
08/21	1.10	<.00	1.44	<.00	1.20	1.78	1.28	<.00	.38	1.79	1.47	1.31
08/30	1.10	<.00	1.40	<.00	1.10	1.78	1.26	<.00	.38	1.66	1.52	1.37
09/04	1.12	<.00	1.34	<.00	.98	1.72	1.18	<.00	.31	1.58	1.48	1.32
09/10	1.04	<.00	1.38	<.00	.98	1.78	1.26	.00	.42	1.66	1.63	1.44
09/19	.95	<.00	1.29	D	.78	1.72	1.20	.48	.39	1.60	1.58	1.40
09/24	.99	<.00	1.29	D	.75	1.74	1.20	.51	.42	1.60	1.61	1.42
10/02	.86	<.00	1.18	D	.54	1.64	1.10	.35	.30	1.50	1.53	1.35
10/10	.94	<.00	1.20	--	.52	1.70	1.17	.48	.40	1.56	1.65	1.44
10/16	.86	<.00	1.10	--	.32	--	1.08	.35	.32	1.48	1.60	1.38
10/21	.88	.00	1.18	--	.33	1.70	1.15	.48	.40	1.54	1.69	1.47
10/30	.85	.06	1.10	--	.14	1.64	1.09	.42	.37	1.48	1.82	1.48
11/09	.91	.27	1.17	--	.07	1.72	1.21	.63	.50	1.57	2.08	1.65
11/15	.94	.30	1.18	--	.02	1.73	1.21	.64	.53	1.59	2.10	1.68
11/23	1.24	.78	1.48	.55	.21	2.13	1.65	1.43	1.07	2.08	2.56	2.00
11/29	1.66	1.22	1.90	1.54	.74	2.55	2.09	2.01	1.47	2.46	2.92	2.32
12/07	1.59	1.18	1.85	1.52	.66	2.50	2.05	1.92	1.41	2.40	2.80	2.18
12/14	1.60	1.20	1.86	1.59	.65	2.55	2.09	1.96	1.47	2.45	2.75	2.60
12/21	1.58	1.18	1.85	1.53	.55	2.52	2.07	1.92	1.44	2.42	2.73	--

Table 4.--Periodic water levels in selected ponds--Continued

[Altitudes are of zero point on staff gage, in feet above the NGVD of 1929. Water levels are in feet above zero point on staff gage. Altitudes for Fresh and Sands Ponds were leveled; all others were determined with a topographic map. --, no data available; <, less than; D, pond bottom dry; F, pond frozen; M, mud at gage; S, snow on frozen pond; U, gage under water.]

STATION NUMBER	812	813	814	815	816	817	818	819	820	821	822	823
POND NAME	JOHN E'S	SANDS	FRESH	OLD MILL	DEEP	DICKENS (WORDEN)	BEACON HOLLOW FARM	TEA ROOM	NO. 9	SMITH (LITTLE SACHEM)	MIDDLE	SACHEM
ALTITUDE	155	117.24	88.11	115	90	100	30	90	80	105	8	5
DATE												
12/28/88	1.60	1.20	1.88	1.52	0.50	2.56	2.10	1.94	1.48	2.46	2.68	--
01/09/89	1.55	1.13	1.85	1.40	.31	2.51	2.06	1.84	1.43	2.42	2.54	--
01/17	1.59	1.18	1.92	1.45	.32	2.57	2.11	1.90	1.49	2.49	2.53	--
01/23	1.50	1.11	1.88	1.38	.22	2.55	2.06	1.83	1.44	2.40	F	--
01/31	1.54	1.10	1.90	1.34	.08	2.54	2.09	1.83	1.46	2.49	2.38	--
02/07	1.55	1.12	1.91	1.29	.04	2.53	2.09	1.80	1.45	2.48	2.32	1.55
02/14	1.54	.87	1.90	1.28	.00	2.55	2.05	1.74	1.40	2.49	2.29	1.15
02/27	1.61	.96	F	F	.02	F	F	1.88	1.56	2.60	F	--
03/01	1.64	1.00	2.05	[7] 1.47	<.00	2.66	[10] 2.32	1.92	1.59	2.62	2.40	--
03/09	F	S	F	1.44	M	F	F	F	F	S	2.36	--
03/14	[1] 1.62	[3] 1.30	[5] 2.03	1.38	<.00	2.63	2.31	[12] 1.99	[14] 1.48	[16] 2.63	2.29	--
03/22	1.67	1.35	2.11	1.45	--	2.68	2.37	2.06	1.55	2.69	2.35	--
04/01	1.89	1.67	2.39	2.01	<.00	3.00	.16	2.43	1.77	2.93	2.63	--
04/07	1.95	1.73	2.42	2.11	--	3.07	2.71	2.49	1.81	2.96	2.69	--
04/13	1.96	1.75	2.46	2.14	.10	3.07	2.70	2.49	1.76	2.92	2.68	--
04/21	2.10	1.96	2.48	2.46	.24	3.10	2.86	2.72	1.78	2.94	2.84	--
04/29	2.03	1.87	2.40	2.35	.14	3.06	2.77	2.62	1.68	2.89	2.73	--
05/07	2.08	1.93	2.42	2.42	.23	3.15	2.84	2.75	1.76	2.94	2.70	--
05/19	2.16	2.03	2.41	2.61	.37	3.18	2.86	2.81	1.74	2.94	2.75	--
05/28	2.15	2.01	2.40	2.42	.30	3.11	2.81	2.78	1.71	2.92	2.64	--
06/03	2.11	--	--	--	.37	3.16	2.77	2.74	1.69	2.90	2.57	--
06/11	2.40	2.21	2.58	2.81	.56	3.23	3.05	3.14	1.84	3.04	2.98	--
06/21	2.32	2.12	2.39	--	.93	3.26	3.01	3.01	1.76	2.93	2.86	--
06/28	2.22	1.95	2.22	2.50	.90	3.18	2.86	2.84	1.64	2.64	2.68	--
07/05	2.08	1.67	2.12	2.22	.90	3.06	2.80	2.63	1.48	2.70	2.45	--
07/12	2.13	1.65	2.20	2.24	1.06	3.32	2.84	2.87	1.67	2.72	2.70	--
07/19	2.33	1.88	2.42	2.69	1.46	3.25	3.08	3.12	--	3.01	2.90	--
07/26	2.26	1.69	2.29	2.42	1.46	3.13	2.96	2.91	1.72	2.89	2.70	2.88
08/02	2.20	1.51	2.23	2.31	--	3.13	2.93	2.87	1.70	2.84	2.54	--
08/11	2.22	1.35	2.28	2.13	1.55	3.16	2.90	2.77	1.68	2.87	2.49	--
08/18	2.22	1.29	2.28	2.04	1.58	3.14	2.86	2.65	1.62	2.81	2.37	2.26
08/25	2.08	1.05	2.16	1.76	1.50	3.02	2.69	2.42	1.46	2.70	2.25	--
09/01	2.04	.88	2.12	1.60	1.50	3.00	2.62	2.33	1.42	2.70	2.25	2.17
09/07	1.90	.67	2.00	--	--	--	2.46	2.13	1.28	2.56	2.10	2.04

Table 4.--Periodic water levels in selected ponds--Continued

[Altitudes are of zero point on staff gage, in feet above the NGVD of 1929. Water levels are in feet above zero point on staff gage. Altitudes for Fresh and Sands Ponds were leveled; all others were determined with a topographic map. --, no data available; <, less than; D, pond bottom dry; F, pond frozen; M, mud at gage; S, snow on frozen pond; U, gage under water.]

STATION NUMBER	812	813	814	815	816	817	818	819	820	821	822	823
POND NAME	JOHN E'S	SANDS	FRESH	OLD MILL	DEEP	DICKENS (WORDEN)	BEACON HOLLOW FARM	TEA ROOM	NO. 9	SMITH (LITTLE SACHEM)	MIDDLE	SACHEM
ALTITUDE	155	117.24	88.11	115	90	100	30	90	80	105	8	5
DATE												
09/14/89	1.82	0.49	1.92	1.12	1.30	2.81	2.36	1.98	1.18	2.48	2.06	2.00
09/21	1.99	.61	2.06	1.30	1.45	2.95	2.51	2.15	1.37	2.62	2.23	2.12
09/27	2.04	.65	2.12	1.45	1.54	3.08	2.60	2.32	1.49	2.72	2.40	2.18
10/04	2.02	.56	2.08	1.38	1.53	3.08	2.58	2.25	1.48	2.72	2.36	2.18
10/11	2.00	.79	2.02	1.23	1.46	3.02	2.51	2.12	1.42	2.64	2.24	2.08
10/19	2.04	.48	2.14	--	--	--	--	--	--	2.78	2.40	2.15
10/22	2.25	.75	2.31	1.72	1.83	U	2.86	2.50	1.77	2.98	2.72	2.40
11/01	2.28	.78	2.40	1.77	1.89	U	2.88	2.51	1.80	2.98	2.75	2.44
11/06	2.34	.90	2.48	1.88	2.00	3.32	2.94	2.54	1.80	3.00	2.79	2.44
11/12	2.41	1.01	2.50	2.04	2.16	3.07	3.05	2.66	1.80	3.02	2.92	2.52
11/18	2.40	.97	2.47	2.05	2.19	3.08	3.06	2.63	1.78	3.02	2.93	2.52
11/27	2.43	.97	2.45	2.05	2.28	3.06	3.10	2.63	1.82	3.04	2.96	2.46
12/03	2.40	.97	2.40	2.04	2.30	3.06	3.06	2.61	1.82	3.04	2.92	F
12/09	F	F	F	F	F	F	F	F	F	F	F	F
12/17	F	[4].84	F	F	F	F	F	F	F	F	F	F
12/26	F	F	F	F	F	F	F	F	F	F	F	--
12/31	F	.82	--	--	--	--	--	--	--	F	[18]2.45	F
01/01/90	--	--	[6]2.47	[8]2.96	2.44	[9]3.16	[11]3.10	[13]2.52	[15]1.93	--	--	--
01/07	[2]2.47	1.06	2.41	2.04	2.46	3.14	3.08	2.44	1.85	[17]3.08	2.70	2.02
01/15	2.51	1.14	2.37	2.06	2.52	3.22	3.10	2.44	1.82	3.08	2.80	2.00
01/19	2.49	1.14	2.31	1.99	2.50	3.19	3.07	2.37	1.78	3.05	2.73	1.98
01/28	2.53	1.43	2.47	2.30	2.80	3.23	3.30	2.59	1.85	3.11	2.95	--
02/03	2.57	1.78	2.61	2.66	3.08	3.23	--	2.82	1.87	3.11	3.10	--
02/10	2.51	1.80	2.57	2.66	3.14	3.23	--	2.82	1.85	3.07	3.07	1.47
02/20	2.46	1.86	2.45	2.53	3.18	3.17	3.42	2.73	1.86	3.03	3.00	1.40
02/24	2.53	1.95	2.50	2.62	3.30	3.27	3.39	2.83	1.86	3.13	3.03	1.44
03/04	2.48	1.98	2.47	2.52	3.33	3.22	3.33	2.77	1.81	3.05	2.97	1.38
03/10	2.47	1.98	2.46	2.40	3.33	3.20	3.25	2.70	1.77	3.01	F	F
03/18	2.47	1.98	2.53	2.27	U	3.19	3.19	2.70	1.73	3.03	2.75	1.30
03/24	2.43	1.98	2.47	2.19	U	3.19	3.14	2.56	1.72	2.98	2.71	1.25
04/01	2.39	1.96	2.45	2.06	U	3.16	3.05	2.44	1.67	2.94	2.59	1.16
04/09	2.51	2.28	2.61	2.44	U	3.38	3.30	2.77	1.81	3.05	2.90	1.37
04/16	2.46	2.30	2.57	2.42	U	U	3.30	2.74	1.79	3.03	2.83	1.34

Table 4.--Periodic water levels in selected ponds--Continued

[Altitudes are of zero point on staff gage, in feet above the NGVD of 1929. Water levels are in feet above zero point on staff gage. Altitudes for Fresh and Sands Ponds were leveled; all others were determined with a topographic map. --, no data available; <, less than; D, pond bottom dry; F, pond frozen; M, mud at gage; S, snow on frozen pond; U, gage under water.]

STATION NUMBER	812	813	814	815	816	817	818	819	820	821	822	823
POND NAME	JOHN E'S	SANDS	FRESH	OLD MILL	DEEP	DICKENS (WORDEN)	BEACON HOLLOW FARM	TEA ROOM	NO. 9	SMITH (LITTLE SACHEM)	MIDDLE	SACHEM
ALTITUDE	155	117.24	88.11	115	90	100	30	90	80	105	8	5
DATE												
04/21/90	2.45	2.30	2.56	2.34	U	3.38	3.24	2.67	1.76	3.05	2.80	1.32
04/27	2.45	2.30	2.53	2.27	U	3.38	3.20	2.61	1.74	3.01	2.73	1.26
05/06	2.52	2.54	2.67	2.52	U	U	3.38	2.86	1.83	3.09	2.85	1.36
05/14	2.53	2.62	--	2.50	U	U	3.34	2.84	1.83	3.10	2.89	1.39
05/18	2.55	2.73	2.67	2.58	U	U	3.40	2.89	1.85	3.11	2.92	1.42
05/27	2.47	2.67	2.53	2.40	U	U	3.28	2.72	1.75	3.04	2.81	1.36
06/05	2.45	2.66	2.51	2.26	U	3.36	3.20	1.62	1.71	2.99	2.76	1.35
06/10	2.36	2.53	2.42	2.02	U	3.32	3.06	2.54	1.62	2.95	2.66	1.30
06/16	2.31	2.42	2.37	1.86	U	3.24	2.97	2.32	1.51	2.85	2.51	1.24
06/26	2.21	2.23	2.29	1.52	U	3.17	2.76	2.05	1.36	2.73	2.39	1.16
06/30	2.22	2.18	2.27	1.50	U	3.19	2.76	2.02	1.35	2.73	2.35	1.14
07/15	2.16	1.82	2.23	1.16	U	3.14	2.56	1.80	1.25	2.57	2.13	1.00
07/24	2.07	1.58	2.15	.86	U	3.07	2.38	1.60	1.10	2.47	2.01	.92
08/04	1.87	1.62	1.97	.70	U	3.02	2.17	1.51	1.06	2.41	2.02	.95
08/13	1.86	.96	1.97	.42	U	2.90	2.16	1.29	.91	2.37	1.87	.84
08/20	1.75	.68	--	--	U	2.79	2.03	1.14	.78	2.25	1.74	.74
08/28	1.73	.64	1.82	--	U	2.78	1.98	1.04	.75	2.19	1.71	.77
09/09	1.47	.52	1.59	D	U	2.54	1.72	.73	.51	1.95	1.85	.60
09/16	1.47	<.00	1.58	--	U	2.52	1.72	.74	.53	1.97	1.87	.62
09/22	1.47	--	1.57	--	U	2.60	1.79	.89	.65	2.07	1.97	.80

Footnotes 1-18; Leveling corrections applied to raw data beginning on the footnoted date (first measurement date after estimated date of ice heaving), in feet:

1, 0.02 on 03/14/89
2, 0.07 on 01/07/90
3, 0.35 on 03/14/89
4, 0.58 on 12/17/89
5, 0.02 on 03/01/89
6, 0.79 on 01/01/90
7, 0.04 on 03/01/89
8, 0.06 on 01/01/90
9, 0.04 on 01/01/90
10, 0.16 on 03/01/89
11, 0.10 on 01/01/90
12, 0.19 on 03/14/89
13, 0.02 on 01/01/90
14, -0.02 on 03/14/89
15, -0.03 on 01/01/90
16, 0.04 on 03/14/90
17, 0.05 on 01/07/90
18, -0.05 on 12/31/89

Table 5.--Periodic water levels in selected wells

[Water levels are in feet below land surface; Measurement methods: E, estimated, method unknown, to nearest ft; R, reported to nearest ft; S, steel tape, measured to nearest 0.01 ft; T, electric tape, measured to nearest 0.1 ft; Z, acoustic meter, measured to nearest 0.1 ft]

Station number	Date water level measured	Water level (feet)	Method water level measured[1]
NHW 11	06-12-62	6.43	S
	08-31-62	5.64	S
	09-24-62	5.76	S
NHW 17	07-02-62	2.70	S
	09-01-62	2.71	S
NHW 33	08-16-62	21.02	S
	08-31-62	21.71	S
	10-08-62	22.52	S
	05-23-63	21.32	S
	05-24-63	21.89	S
	03-30-89	21.4	T
	05-09-89	18.8	T
	06-09-89	17.3	T
	06-21-89	16.74	S
	08-10-90	17.67	S
	06-14-91	18.00	S
NHW 34	08-16-62	35.41	S
	08-31-62	35.86	S
	09-06-62	35.79	S
	10-08-62	36.37	S
	07-27-79	30	R
	06-21-89	32.34	S
	08-10-90	31.29	S
	06-14-91	32.8	T
NHW 49	05-04-88	14.65	S
	06-20-89	14.48	S
NHW 62	06-21-60	113.32	S
	07-22-62	109.35	S
	08-25-62	108.55	S
	09-18-62	108.67	S
NHW 72	09-18-62	122.85	S
	10-02-62	122.85	S
NHW 75	06-16-62	7.07	S
	10-06-62	11.56	S
	04-14-88	4.40	S
	05-16-88	5.60	S
NHW 76	06-20-62	8.62	S
	10-06-62	12.83	S
	05-25-63	9.20	S
NHW 80	06-23-62	11.02	S
	07-02-62	11.94	S
	08-13-62	12.02	S
	09-06-62	13.03	S
	03-11-88	10.18	S
NHW 80	06-19-89	9.62	S
	06-21-89	9.82	S
NHW 83	06-25-62	9.35	S
	08-18-62	11	E
NHW 91	06-27-62	20.35	S
	08-20-62	20.62	S
	03-18-88	21.0	S
NHW 92	06-27-62	3.08	S
	09-03-62	6.40	S
NHW 93	06-27-62	4.44	S
	09-02-62	6.82	S
NHW 94	06-27-62	7.49	S
	08-13-62	10.62	S
	09-03-62	11.34	S
	06-22-88	7.47	S
NHW 96	06-29-62	1.57	S
	09-01-62	2.40	S
	05-04-88	0.72	S
NHW 97	06-29-62	8.37	S
	08-13-62	10.62	S
	09-03-62	10.98	S
NHW 99	08-31-62	13.31	S
	09-20-62	13.50	S
NHW 101	06-30-62	2.02	S
	08-13-62	2.22	S
	09-03-62	3.12	S
NHW 102	06-30-62	9.40	S
	09-03-62	14.06	S
NHW 103	09-22-62	54.65	S
	10-08-62	54.58	S
NHW 104	07-01-62	3.17	S
	09-06-62	3.71	S
	03-24-88	1.8	S
	06-19-89	1.79	S
	06-21-89	1.69	S
NHW 107	07-02-62	6.40	S
	09-06-62	6.81	S
	05-03-88	5.46	S
NHW 108	07-02-62	8.40	S
	08-16-62	9.50	S
NHW 110	07-02-62	13.37	S
	09-02-62	20.86	S
	10-06-62	22.36	S
NHW 111	08-22-62	83.82	S

Table 5.--Periodic water levels in selected wells--Continued

[Water levels are in feet below land surface; Measurement methods: E, estimated to nearest ft; R, reported to nearest ft; S, steel tape, measured to nearest 0.01 ft; T, electric tape, measured to nearest 0.1 ft; Z, acoustic meter, measured to nearest 0.1 ft]

Station number	Date water level measured	Water level (feet)	Method water level measured
NHW 111	09-21-62	84.05	S
	10-09-62	83.57	S
NHW 113	07-03-62	5.61	S
	07-11-62	6.03	S
	07-26-62	6.40	S
	08-13-62	6.57	S
	09-02-62	6.94	S
	09-20-62	8.08	S
	03-10-88	2.40	S
NHW 114	07-03-62	3.74	S
	09-06-62	4.63	S
	06-13-89	0.86	S
	06-21-89	1.35	S
NHW 115	07-03-62	1.94	S
	09-06-62	2.31	S
NHW 116	07-04-62	5.03	S
	08-13-62	6.00	S
	09-01-62	4.73	S
NHW 117	07-04-62	3.18	S
	08-13-62	3.16	S
NHW 118	10-02-62	100.84	S
	06-13-91	102.3	T
NHW 119	07-04-62	7.95	S
	09-01-62	13.75	S
	06-21-89	3.55	S
NHW 121	07-04-62	5.91	S
	08-05-62	6.73	S
	09-02-62	6.11	S
	06-15-88	5.76	S
	06-07-89	5.30	S
	06-21-89	4.65	S
NHW 122	07-05-62	2.70	S
	09-06-62	3.25	S
NHW 125	07-05-62	10.78	S
	07-11-62	10.87	S
	07-23-62	10.96	S
	09-01-62	10.72	S
	10-02-62	10.88	S
	03-30-88	7.3	S
NHW 126	07-05-62	21.57	S
	09-01-62	22.33	S
NHW 131	07-06-62	3.13	S
	09-01-62	3.12	S
	03-30-88	2.3	T
NHW 135	07-06-62	9.85	S
	09-01-62	10.62	S
NHW 136	07-09-62	40.00	S
	09-10-62	31.33	S
NHW 137	07-07-62	14.12	S
	09-01-62	15.81	S
	10-06-62	15.92	S
NHW 138	07-07-62	3.60	S
	09-06-62	2.87	S
NHW 144	07-09-62	17.54	S
	09-05-62	18.01	S
NHW 145	07-09-62	4.97	S
	09-05-62	4.25	S
NHW 148	07-09-62	10.62	S
	09-01-62	12.27	S
NHW 149	07-10-62	6.42	S
	07-26-62	7.51	S
	08-13-62	8.21	S
	09-01-62	8.77	S
NHW 150	07-10-62	23.88	S
	09-05-62	24.30	S
NHW 151	07-10-62	6.63	S
	09-01-62	6.83	S
	09-25-62	9.15	S
	06-16-88	5.0	T
NHW 152	07-10-62	22.29	S
	09-01-62	23.23	S
NHW 153	07-13-62	18.58	S
	08-19-62	19.60	S
	06-07-89	16.08	S
	06-21-89	16.46	S
NHW 154	07-13-62	8.82	S
	09-01-62	11.63	S
	08-09-62	10.63	S
NHW 156	08-30-62	15.19	S
	04-21-88	14.77	S
	08-23-88	15.89	S
NHW 157	07-14-62	5.31	S
	09-06-62	5.09	S
	04-21-88	3.94	S
NHW 158	08-06-62	72.64	S
	09-03-62	72.82	S
	05-23-63	73.29	S
	05-24-63	73.38	S
NHW 159	07-17-62	4.05	S
	09-06-62	4.22	S
NHW 162	07-18-62	5.22	S
	09-01-62	4.45	S

Table 5.--Periodic water levels in selected wells--Continued

[Water levels are in feet below land surface; Measurement methods: E, estimated to nearest ft; R, reported to nearest ft; S, steel tape, measured to nearest 0.01 ft; T, electric tape, measured to nearest 0.1 ft; Z, acoustic meter, measured to nearest 0.1 ft]

Station number	Date water level measured	Water level (feet)	Method water level measured
NHW 162	09-06-62	4.45	S
NHW 163	07-21-62	4.65	S
	09-01-62	4.97	S
NHW 165	07-22-62	3.38	S
	09-01-62	2.72	S
NHW 166	07-22-62	15.17	S
	09-01-62	16.28	S
NHW 168	07-23-62	11.21	S
	09-03-62	11.92	S
	08-03-88	12.05	S
	06-08-89	9.29	S
	06-21-89	7.49	S
NHW 171	08-06-62	16.02	S
	09-01-62	16.69	S
NHW 172	08-06-62	4.62	S
	09-01-62	5.16	S
NHW 174	09-05-61	10.12	S
	08-06-62	10.66	S
NHW 175	08-06-62	10.86	S
	09-01-62	10.01	S
NHW 176	08-06-62	11.63	S
	09-01-62	12.64	S
NHW 177	08-06-62	6.96	S
	08-13-62	4.90	S
NHW 178	08-06-62	4.08	S
	09-06-62	3.82	S
NHW 180	08-07-62	6.66	S
	09-01-62	6.13	S
	03-30-88	1.55	S
NHW 181	08-07-62	5.63	S
	08-21-62	4.69	S
NHW 182	08-07-62	5.13	S
	09-06-62	4.46	S
NHW 183	08-30-62	22.08	S
	09-18-62	22.17	S
	10-04-62	22.26	S
NHW 185	08-09-62	9.11	S
	08-13-62	9.06	S
	09-05-62	9.15	S
NHW 186	08-09-62	8.83	S
	09-01-62	8.92	S
	06-07-89	5.57	S
	06-21-89	2.36	S
NHW 187	08-11-62	13.53	S
	09-01-62	13.86	S
NHW 189	08-13-62	7.57	S
NHW 189	09-01-62	8.33	S
NHW 190	08-13-62	6.13	S
	09-05-62	6.03	S
	09-22-62	6.66	S
NHW 191	08-15-62	6.57	S
	09-01-62	5.95	S
NHW 193	06-00-60	39.12	S
	08-16-62	38.98	S
	06-15-88	38.15	S
NHW 207	08-21-62	5.70	S
	09-01-62	5.12	S
	06-22-88	2.92	S
NHW 208	08-22-62	19.45	S
	09-02-62	19.67	S
NHW 209	08-30-62	3.47	S
	05-24-63	3.52	S
	05-04-88	3.93	S
NHW 215	08-31-62	7.72	S
	09-08-62	7.77	S
	09-17-62	8.49	S
	10-31-90	9.44	S
NHW 216	08-31-62	14.11	S
	09-06-62	14.19	S
	10-06-62	15.29	S
	06-08-89	9.16	S
	06-21-89	7.59	S
NHW 217	08-31-62	35.15	S
	09-09-62	35.14	S
	10-10-62	35.30	S
	06-20-89	8	R
NHW 219	09-03-62	19.59	S
	08-05-88	19.40	S
NHW 220	09-06-62	8.94	S
	06-15-89	2.84	S
	06-21-89	3.44	S
NHW 222	09-07-62	35.44	S
	10-31-90	4.58	S
NHW 225	09-16-62	37.79	S
	09-23-62	37.87	S
NHW 241	03-28-88	12.37	S
	04-12-89	12	R
	04-29-89	12.19	S
	05-16-89	12.39	S
	06-09-89	11.2	T
	06-21-89	11	R
	08-10-90	12.99	S

Table 5.--Periodic water levels in selected wells--Continued

[Water levels are in feet below land surface; Measurement methods: E, estimated to nearest ft; R, reported to nearest ft; S, steel tape, measured to nearest 0.01 ft; T, electric tape, measured to nearest 0.1 ft; Z, acoustic meter, measured to nearest 0.1 ft]

Station number	Date water level measured	Water level (feet)	Method water level measured
NHW 241	06-14-91	13.35	S
NHW 250	10-23-89	35.79	S
	08-30-90	33.70	S
	09-28-90	34.32	S
	06-14-91	36.13	S
NHW 251	10-23-89	8.13	S
	08-30-90	10.53	S
	09-28-90	10.64	S
	06-14-91	8.42	S
NHW 252	10-24-89	42.06	S
	08-30-90	42.95	S
	11-06-90	42.34	S
	06-14-91	42.2	T
NHW 253	10-24-89	4.98	S
	08-30-90	6.70	S
	11-06-90	9.89	S
NHW 253	06-14-91	4.75	S
NHW 254	10-24-89	4.08	S
	11-01-90	7.68	S
NHW 255	10-23-89	9.31	S
	08-28-90	12.43	S
	06-13-91	8.79	S
NHW 256	10-25-89	81.10	S
	08-27-90	78.0	T
	09-21-90	78.2	T
	06-13-91	80.8	T
NHW 257	10-25-89	25.04	S
	08-27-90	24.30	S
	09-21-90	24.86	S
	06-13-91	23.63	S
NHW 258	10-25-89	11.52	S
	08-27-90	11.99	S
	09-21-90	12.52	S
	06-13-91	11.25	S
NHW 259	10-23-89	9.79	S
	08-30-90	10.09	S
	11-06-90	9.96	S
NHW 260	10-23-89	9.34	S
	08-30-90	10.00	S
	11-06-90	9.68	S
NHW 261	10-23-89	8.09	S
	08-30-90	8.39	S
	11-06-90	8.71	S
NHW 263	10-25-89	44.79	S
	11-01-91	44.21	S
	06-14-91	45.9	T
NHW 264	10-25-89	9.25	S
	08-30-90	9.86	S
	11-06-90	10.13	S
NHW 322	03-09-88	89.80	S
	06-09-89	89.9	T
	06-21-89	90.1	T
NHW 325	05-19-82	115	R
	07-11-89	115.6	Z
NHW 328	08-06-79	124	R
	06-29-89	128.0	Z
NHW 329	08-12-75	102	R
	06-29-89	96.3	Z
NHW 333	03-10-88	160.5	T
	06-09-89	160.6	T
	06-21-89	160.36	S
NHW 335	03-11-88	140.4	T
	06-09-89	140.0	T
	06-21-89	139.69	S
	06-14-91	144.4	T
NHW 337	09-18-85	110	R
	06-14-89	106.3	Z
	06-21-89	106.4	Z
NHW 341	08-04-76	118	R
	06-20-89	118	R
NHW 369	07-19-66	30	R
	06-20-89	45.9	Z
NHW 374	09-30-65	42	R
	07-07-89	39.0	Z
NHW 383	09-29-77	38	R
	07-07-89	34.8	T
NHW 391	05-05-76	16	R
	06-14-89	20.2	Z
NHW 391	06-21-89	18.1	Z
NHW 401	06-25-81	23	R
	07-11-89	27	R
NHW 402	05-19-76	60	R
	07-11-89	71	R
NHW 412	08-07-64	28	R
	06-29-89	31.2	Z
NHW 417	03-29-88	124.45	S
	03-29-88	124.45	S
	04-29-89	123.60	S
	05-16-89	123.90	S
	06-14-89	123.6	T
NHW 424	06-21-89	33.44	S

Table 5.--Periodic water levels in selected wells--Continued

[Water levels are in feet below land surface; Measurement methods: E, estimated to nearest ft; R, reported to nearest ft; S, steel tape, measured to nearest 0.01 ft; T, electric tape, measured to nearest 0.1 ft; Z, acoustic meter, measured to nearest 0.1 ft]

Station number	Date water level measured	Water level (feet)	Method water level measured
NHW 424	06-21-89	33	R
	08-10-90	24.21	S
	06-14-91	31.6	T
NHW 429	03-09-88	2.6	T
	04-20-89	2.86	S
	06-09-89	2.74	S
	06-21-89	2.70	S
NHW 468	06-19-89	39.46	S
	08-16-89	39.9	Z
NHW 523	09-04-79	38	R
	06-07-89	43.0	Z
	06-21-89	43.8	Z
NHW 529	08-05-80	121	R
	06-15-89	120.62	S
	06-21-89	120.7	Z
NHW 534	05-23-75	94	R
	07-11-89	94	R
NHW 535	08-07-68	123	R
	06-27-89	125	R
	06-13-91	122.6	T
NHW 538	07-27-72	99	R
	06-08-89	94.9	Z
	06-21-89	94.9	Z
NHW 542	10-15-71	152	R
	06-27-89	149.2	T
NHW 547	09-17-79	168	R
	06-26-89	154.5	Z
	07-11-89	154	R
NHW 548	07-27-77	120	R
	06-29-89	119.3	Z
NHW 552	10-11-66	130	R
	06-13-91	154.0	T
NHW 555	05-20-70	117	R
	06-29-89	113.8	Z
NHW 556	09-09-83	170	R
	06-29-89	165.8	T
NHW 557	06-30-70	170	R
	06-27-89	168.5	Z
	06-13-91	174.0	T
NHW 564	09-14-82	58	R
	06-07-89	55.6	Z
	06-21-89	55.5	Z
NHW 565	05-15-69	78	R
	06-07-89	59.5	Z
NHW 566	09-15-82	60	R
	06-07-89	49.6	Z
NHW 566	06-20-89	60.6	Z
NHW 567	07-13-82	100	R
	07-11-89	97	R
NHW 570	10-08-71	136	R
	06-07-89	134.4	Z
	06-21-89	135.2	Z
	06-14-91	138.8	T
NHW 577	08-21-68	56	R
	06-27-89	50	R
	10-24-90	47.53	S
NHW 627	12-15-88	16.1	Z
	06-20-89	6.57	S
	06-14-91	10.79	S
NHW 628	12-15-88	18.7	Z
	01-18-89	16.88	S
	03-28-89	16.55	S
	04-21-89	13.85	S
	05-09-89	13.45	S
	06-09-89	12.6	Z
	06-21-89	12.63	S
	06-13-91	14.71	S
NHW 629	12-15-88	16.8	S
	01-17-89	8	R
	03-28-89	3.50	S
	04-20-89	3.27	S
	05-09-89	4.02	S
	06-09-89	11.5	Z
	06-21-89	3.42	S
	08-28-90	9.66	S
	06-13-91	5.98	S
NHW 630	03-28-89	35.28	S
	06-14-91	33.60	S
NHW 632	12-15-88	18.2	Z
	01-18-89	14.69	S
	03-28-89	14.01	S
	04-20-89	11.54	S
	05-09-89	12.08	S
	06-09-89	13.4	Z
	06-21-89	11.84	S
	08-27-90	15.70	S
	09-28-90	16.74	S
	06-13-91	14.17	S
NHW 636	06-08-89	4.89	S
	06-08-89	4.89	S
	06-21-89	5.03	S
NHW 660	06-26-84	15	R

Table 5.--Periodic water levels in selected wells--Continued

[Water levels are in feet below land surface; Measurement methods: E, estimated to nearest ft; R, reported to nearest ft; S, steel tape, measured to nearest 0.01 ft; T, electric tape, measured to nearest 0.1 ft; Z, acoustic meter, measured to nearest 0.1 ft]

Station number	Date water level measured	Water level (feet)	Method water level measured
NHW 660	06-20-89	14.8	Z
NHW 664	06-05-86	3	R
	06-27-89	2.00	S
NHW 682	05-08-80	138	R
	07-11-89	138	R
NHW 686	09-16-69	115	R
	06-13-89	112.9	Z
	06-21-89	114.4	Z
NHW 687	05-07-82	17	R
	06-27-89	15	R
NHW 695	07-01-71	22	R
	07-11-89	18.6	T
NHW 722	08-11-83	75	R
	07-07-89	56.9	T
NHW 750	06-07-89	9.86	S
	06-21-89	9.06	S
NHW 752	07-09-85	145	R
	06-20-89	169	R
NHW 755	06-16-82	56	R
	06-07-89	51.4	Z
	06-21-89	48.4	Z
NHW 756	05-17-73	8	R
	06-14-89	1.70	S
	06-21-89	1.80	S
	06-14-91	4.20	S
NHW 758	06-15-89	0.81	S
	06-21-89	1.67	S
NHW 780	06-09-67	38	R
	08-29-90	37.80	S

[1]Although E, estimated, and R, reported, are not measurement methods, these codes are used in the USGS Ground-Water Site Inventory database.

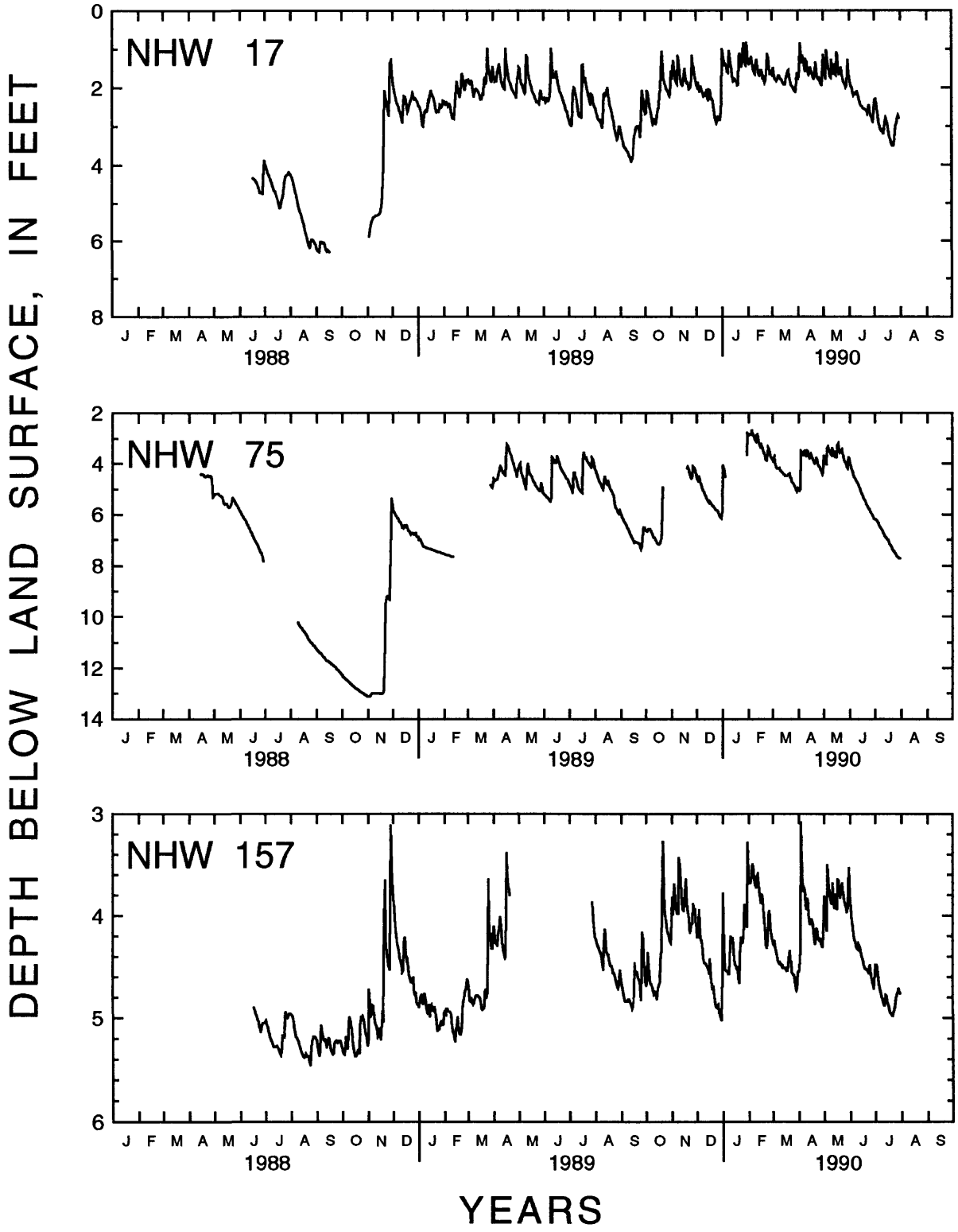

Figure 1.--Ground-water levels at selected wells (blank spaces represent missing data).

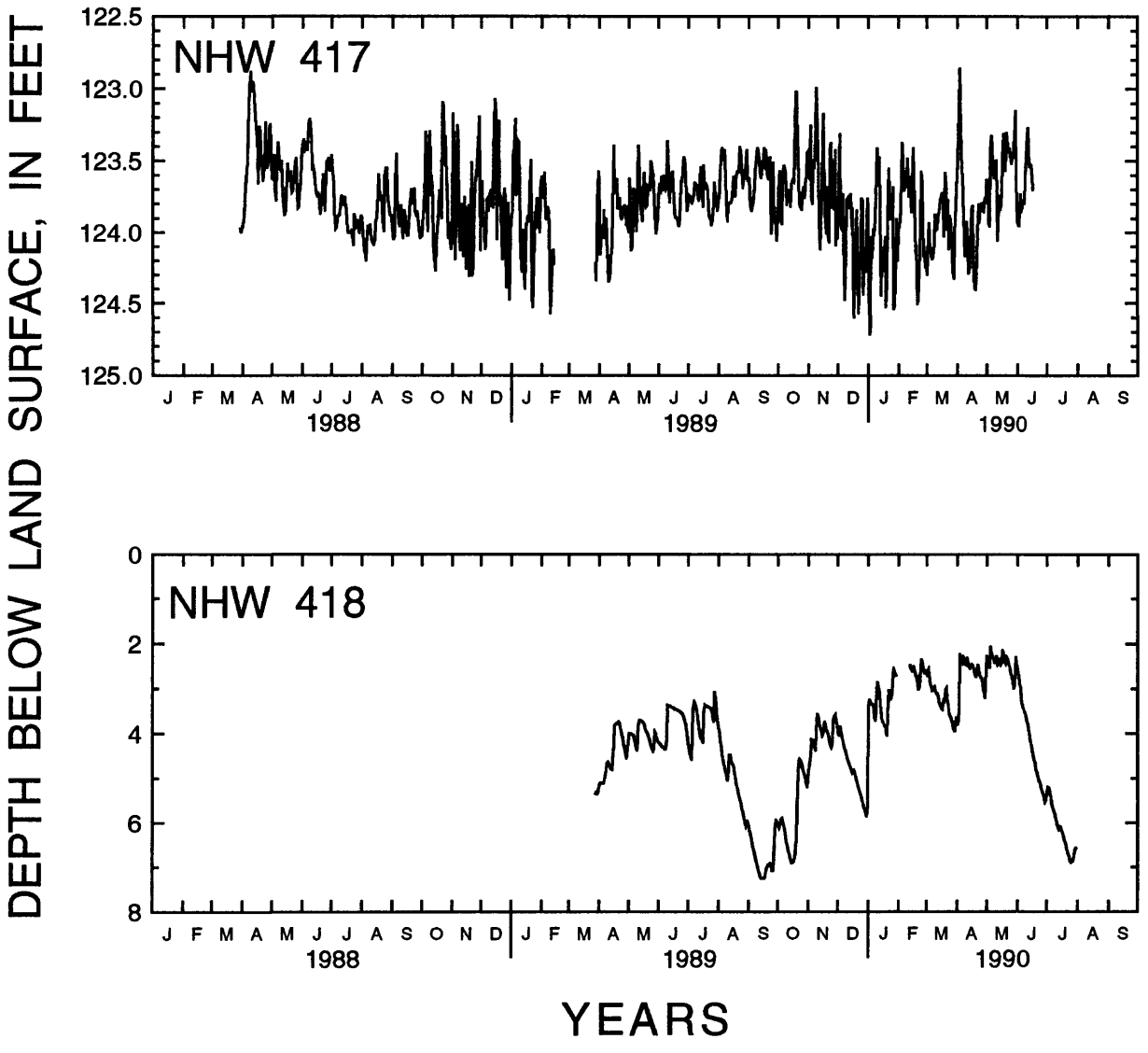

Figure 1.--Ground-water levels at selected wells--Continued.

Table 6.--Chemical and physical analyses of precipitation at Sands Pond well field (station 807)

[E, estimated value; <, less than; --, no data available; station is 135 ft above the NGVD of 1929; number in parentheses is USGS National Water Data Storage and Retrieval System code]

DATE	PRECIPITATION ACCUMULATION (IN.)[1] (00045)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	PH FIELD (STANDARD UNITS) (00400)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	NITROGEN DISSOLVED (MG/L AS N) (00602)	NITROGEN, NITRATE DISSOLVED (MG/L AS N) (00618)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)
08-24-88	0.81	[2]33	5.9	0.82	0.56	3.9	0.18	7.1	3.7	--	0.14	0.041	0.157	--
11-01-88	1.33	[2]46	5.3	.33	.70	5.7	.31	2.0	12	--	.11	.047	.131	--
02-13-89	.88E	85	4.3	.68	1.0	7.8	.52	6.4	14	--	1.20	.240	--	0.056
03-30-89	.62E	59	4.3	.38	.51	4.2	.77	4.4	7.7	--	.71	.203	--	.011
04-03-89	.74E	11	5.0	.15	.10	0.98	.23	0.74	1.6	--	.14	.040	--	<.001
04-29-89	1.04E	36	[3]4.4	.17	.22	1.9	.07	3.0	3.3	--	.28	.166	--	<.002
05-01-89	.54	32	4.3	.18	.30	2.6	.13	2.2	5.9	--	.29	.155	--	<.002
06-13-89	.62	42	[3]4.3	.33	.16	.75	.11	4.7	2.0	--	.56	.254	--	.002
07-14-89	3.27	23	4.9	.17	.26	2.5	.15	1.3	4.4	--	.07	.027	--	<.001
08-11-89	1.47	18	4.6	.17	.10	.85	.21	1.2	1.6	--	.19	.078	--	.007
09-14-89	1.79	15	4.7	.11	.18	1.6	.09	.86	2.9	--	.09	.015	--	<.001
10-19-89	2.36	83	4.5	.56	1.2	--	.55	4.3	--	--	.18	.035	--	.001
04-03-90	2.68	17	5.0	.15	.16	1.2	.06	1.1	2.4	<0.10	.23	.047	--	<.001
07-12-90	.07	50	4.1	.19	.14	1.2	.10	4.6	2.0	1.2	.46	.270	--	.003

Table 6.--Chemical and physical analyses of precipitation at Sands Pond well field (station 807)--continued

[E, estimated value; <, less than; --, no data available; station is 135 ft above the NGVD of 1929; number in parentheses is USGS National Water Data Storage and Retrieval System code]

DATE	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
08-24-88	<0.01	0.07	<0.01	--	--	--	--	--	--	--	--	--	--	--
11-01-88	<.01	.03	<.01	--	--	--	--	--	--	--	--	--	--	--
02-13-89	.04	.07	<.01	--	--	--	--	--	--	--	--	--	--	--
03-30-89	<.01	.05	<.01	--	--	--	--	--	--	--	--	--	--	--
04-03-89	<.01	<.01	<.01	--	--	--	--	--	--	--	--	--	--	--
04-29-89	<.01	.03	<.01	--	--	--	--	--	--	--	--	--	--	--
05-01-89	<.01	.01	<.01	--	--	--	--	--	--	--	--	--	--	--
06-13-89	<.01	.02	<.01	--	--	--	--	--	--	--	--	--	--	--
07-14-89	<.01	.02	<.01	--	--	--	--	--	--	--	--	--	--	--
08-11-89	<.01	<.01	<.01	--	--	--	--	--	--	--	--	--	--	--
09-14-89	<.01	<.01	<.01	--	--	--	--	--	--	--	--	--	--	--
10-19-89	<.01	.07	.07	--	--	--	--	--	--	--	--	--	--	0.9
07-05-89	<.01	<.01	<.01	--	--	--	--	--	--	--	--	--	--	--
07-12-90	<.01	.02	<.01	60	<1	<1	2	21	2	2	1	<1	56	.7

[1] Precipitation accumulation data are from National Weather Service observer at Block Island State Airport.
[2] Specific conductance is field value.
[3] pH is lab value.

Table 7.--Chemical and physical analyses of water from selected ponds

[--, no data available; <, less than; WAT WH or WATER WH, whole water (unfiltered) sample; IT, incremental titration for alkalinity; FET, fixed-endpoint titration for alkalinity; CHLOR-A or CHLOR-B, type A chlorophyll or type B chlorophyll; CHROMO FLUOROM, sample analyzed using chlorofluorometry; number in parentheses is USGS National Water Data Storage and Retrieval System code]

STATION NAME	STATION NUMBER	DATE	TIME	LATITUDE	LONGITUDE	SAMPLE DEPTH (FT)	SPECIFIC CONDUCTANCE FIELD (US/CM) (00095)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	PH FIELD (STANDARD UNITS) (00400)	TEMPERATURE AIR (DEG C) (00020)	TEMPERATURE WATER (DEG C) (00010)	OXYGEN, DISSOLVED (MG/L) (00300)
Fresh Pond	824	08-22-62	--	41 09 39	071 34 44	--	--	141	--	--	--	--
Fresh Pond		03-31-89	1145			0-6	128	--	5.8	7.0	6.7	12.2
Fresh Pond		03-31-89	1200			0-25	135	--	5.6	7.0	6.7	12.2
Middle Pond	825	08-18-88	1330	41 12 58	071 34 30	0-8	316	--	7.0	30.0	24.5	7.6
Mill Tail Swamp Pond	826	08-22-62	--	41 10 10	071 33 52	--	--	158	--	--	--	--
Sachem Pond	827	08-18-88	1145	41 13 22	071 34 12	0-10	505	--	5.3	26.0	24.0	7.2
Sands Pond	828	05-23-63	--	41 09 22	071 34 05	--	--	152	--	--	--	--
Sands Pond		08-17-88	1420			0-8	236	--	6.0	29.0	25.5	8.5
Sands Pond		06-14-91	1045			0	207	--	6.5	--	22.0	--

STATION NAME	LOCAL WELL NUMBER	DATE	TIME	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER WH IT LAB (MG/L AS HCO3) (00449)	ALKALINITY WAT WH TOT FET LAB (MG/L AS CACO3) (90410)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)
Fresh Pond	824	08-22-62	--	21	--	--	--	--	--	--	--	20	--
Fresh Pond		03-31-89	1145	--	--	--	--	--	--	--	--	--	--
Fresh Pond		03-31-89	1200	--	--	--	--	--	--	--	--	--	--
Middle Pond	825	08-18-88	1330	36	4.5	6.0	43	2.4	11	11	17	72	1.6
Mill Tail Swamp Pond	826	08-22-62	--	26	--	--	--	--	--	--	--	29	--
Sachem Pond	827	08-18-88	1145	57	6.8	9.8	64	3.8	2	2	45	110	0.3
Sands Pond	828	05-23-63	--	18	--	--	--	--	--	--	--	29	--
Sands Pond		08-17-88	1420	27	3.8	4.2	29	2.3	1	2	20	50	2.4
Sands Pond		06-14-91	1045	--	--	--	--	--	--	--	--	--	--

Table 7.--Chemical and physical analyses of water from selected ponds--Continued

[--, no data available; <, less than; WAT WH or WATER WH, whole water (unfiltered) sample; IT, incremental titration for alkalinity; FET, fixed-endpoint titration for alkalinity; CHLOR-A or CHLOR-B, type A chlorophyll or type B chlorophyll; CHROMO FLUOROM, sample analyzed using chlorofluorometry; number in parentheses is USGS National Water Data Storage and Retrieval System code]

STATION NAME	STATION NUMBER	DATE	TIME	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)
Fresh Pond	824	08-22-62	--	77	--	--	--	--	--	--	--	0	--
Fresh Pond		03-31-89	1145	--	90	--	--	--	--	--	--	--	--
Fresh Pond		03-31-89	1200	--	90	--	--	--	--	--	--	--	--
Middle Pond	825	08-18-88	1330	--	20	2	<0.5	<1	14	<3	<10	760	--
Mill Tail Swamp Pond	826	08-22-62	--	--	--	--	--	--	--	--	160	--	
Sachem Pond	827	08-18-88	1145	--	220	23	<.5	2	<5	<3	<10	180	--
Sands Pond	828	05-23-63	--	87	--	--	--	--	--	--	--	--	90
Sands Pond		08-17-88	1420	--	30	33	<.5	<1	<5	<3	<10	68	--
Sands Pond		06-14-91	1045	--	--	--	--	--	--	--	--	--	

STATION NAME	LOCAL WELL NUMBER	DATE	TIME	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
Fresh Pond	824	08-22-62	--	--	--	--	--	--	--	--	--	--	--
Fresh Pond		03-31-89	1145	<5	--	--	--	--	--	--	--	--	--
Fresh Pond		03-31-89	1200	<5	--	--	--	--	--	--	--	--	--
Middle Pond	825	08-18-88	1330	60	<4	100	<10	<10	<1	48	<6	7	5.8
Mill Tail Swamp Pond	826	08-22-62	--	--	--	--	--	--	--	--	--	--	--
Sachem Pond	827	08-18-88	1145	100	6	39	<10	<10	<1	86	<6	40	2.9
Sands Pond	828	05-23-63	--	--	--	--	--	--	--	--	--	--	--
Sands Pond		08-17-88	1420	<10	<4	170	<10	<10	<1	47	<6	3	2.3
Sands Pond		06-14-91	1045	--	--	--	--	--	--	--	--	--	--

Table 7.--Chemical and physical analyses of water from selected ponds--Continued

[--, no data available; <, less than; WAT WH or WATER WH, whole water (unfiltered) sample; IT, incremental titration for alkalinity; FET, fixed-endpoint titration for alkalinity; CHLOR-A or CHLOR-B, type A chlorophyll or type B chlorophyll; CHROMO FLUOROM, sample analyzed using chlorofluorometry; number in parentheses is USGS National Water Data Storage and Retrieval System code]

STATION NAME	STATION NUMBER	DATE	TIME	CARBON, ORGANIC SUS-PENDED (MG/L AS C) (00689)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70953)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L) (70954)
Fresh Pond	824	08-22-62	--	--	--	--
Fresh Pond		03-31-89	1145	--	--	--
Fresh Pond		03-31-89	1200	--	--	--
Middle Pond	825	08-18-88	1330	1.5	3.7	0.6
Mill Tail Swamp Pond	826	08-22-62	--	--	--	--
Sachem Pond	827	08-18-88	1145	0.5	2.3	.1
Sands Pond	82	05-23-63	--	--	--	--
Sands Pond		08-17-88	1420	.7	16.0	<.1
Sands Pond		06-14-91	1045	--	--	--

Table 8.--Chemical and physical analyses of

[--, no data available; <, less than; WAT WH or IT, incremental titration for alkalinity; FET, number in parentheses is USGS National Water

STATION NUMBER	DATE	LAT-I-TUDE	LONG-I-TUDE	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	PH FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
NHS 14	08-19-62	41 10 03	071 33 13	--	30	247	144	--	--	--
	08-23-88					[1]233	130	6.1	25.0	12.0
	07-26-89					[1]252	--	6.0	--	12.0
	08-27-90					[1]245	--	5.7	28.5	11.0
NHS 19	08-20-62	41 09 48	071 36 30	--	18	191	112	--	--	--
	08-23-88			--		182	102	6.0	19.0	12.5
NHS 88	01-25-57	41 12 48	071 34 23	3	10	--	--	--	--	--
	08-18-62					189	106	--	--	--
	08-16-88					162	90	6.4	27.5	21.5
NHS 109	08-29-90	41 10 09	071 36 23	--	12	154	--	6.2	24.0	18.0
NHS 132	08-28-90	41 10 23	071 34 09	6	12	151	--	5.8	26.0	11.5
NHS 146	08-21-62	41 10 59	071 34 58	12	1	164	99	--	--	--
	08-17-88					161	86	6.3	26.5	13.0
NHS 164	08-23-62	41 08 51	071 35 44	--	10	165	92	--	--	--
NHS 510	08-27-90	41 09 24	071 32 51	--	70	[1]276	--	5.3	30.0	12.0
NHW 11	08-17-62	41 10 31	071 34 14	63	6	1060	592	--	--	--
	08-23-88					1080	606	7.1	26.0	14.0
NHW 31	08-20-62	41 10 11	071 34 47	155	103	182	109	--	--	--
	05-23-63					256	160	--	--	--
	08-19-88					143	93	6.3	19.5	21.5
NHW 33	04-12-63	41 09 31	071 34 03	135	131	--	397	--	--	--
	04-19-63					--	--	--	--	--
	05-23-63					284	171	--	--	--
NHW 34	04-12-63	41 09 33	071 34 01	107	130	--	88	--	--	--
	04-19-63					--	--	--	--	--
	05-23-63					174	107	--	--	--
NHW 35	07-15-54	41 11 05	071 34 05	72	9	--	--	--	--	--
NHW 41	08-25-62	41 10 29	071 34 08	109	11	243	138	--	--	--
	05-24-63					--	--	--	--	--
	08-24-88					[1]255	--	7.1	--	17.5
	07-28-89					[1]229	--	6.4	--	23.0
NHW 42	08-23-88	41 10 26	071 33 42	96	25	259	162	7.0	--	13.0
NHW 50	08-03-56	41 12 48	071 34 08	233	90	--	--	--	--	--
	08-18-62					426	224	--	--	--
NHW 63	08-12-57	41 13 25	071 33 43	80	44	--	--	--	--	--
NHW 66	09-21-62	41 09 49	071 36 04	80	88	141	82	--	--	--
	08-23-88					106	54	--	22.0	14.0
NHW 67	09-06-60	41 09 26	071 33 00	240	119	--	--	--	--	--
	10-05-62					441	239	--	--	--
	05-25-63					--	--	--	--	--

water from selected wells and springs

WATER WH, whole water (unfiltered) sample;
fixed-endpoint titration for alkalinity;
Data Storage and Retrieval System code]

OXYGEN, DISSOLVED (MG/L) (00300)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER WH IT LAB MG/L AS HCO3 (00449)	ALKALINITY WAT WH TOT FET LAB (MG/L AS CACO3) (90410)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)
--	47	--	--	--	--	--	--	--	39	--	--	--
--	40	6.7	5.7	27	2.8	18	16	20	42	--	0.16	12
--	--	--	--	--	--	--	--	--	41	--	--	--
9.0	--	--	--	--	--	16	13	--	--	--	--	--
--	34	--	--	--	--	--	--	--	34	--	--	--
--	--	--	--	--	2.0	18	15	16	30	--	.10	--
--	--	--	--	--	--	--	--	--	36	--	--	--
--	32	--	--	--	--	--	--	--	34	--	--	--
--	30	4.6	4.5	18	1.1	21	19	19	23	--	.10	11
--	27	4.9	3.5	17	1.5	19	15	16	16	0.2	.09	17
--	27	4.3	3.9	16	1.4	16	11	15	26	<.1	--	13
--	36	--	--	--	--	--	--	--	27	--	--	--
--	31	5.5	4.2	17	1.7	16	15	12	22	--	.08	13
--	22	--	--	--	--	--	--	--	32	--	--	--
--	--	--	--	--	--	20	15	--	--	--	--	--
--	110	--	--	--	--	--	--	--	300	--	--	--
--	110	19	15	170	5.3	58	50	43	300	--	1.1	22
--	33	--	--	--	--	--	--	--	24	--	--	--
--	86	--	--	--	--	--	--	--	23	--	--	--
--	--	--	--	--	1.0	27	23	17	15	--	.09	--
--	54	--	--	--	--	--	--	--	34	--	--	--
--	--	--	--	--	--	--	--	--	40	--	--	--
--	55	--	--	--	--	--	--	--	41	--	--	--
--	30	--	--	--	--	--	--	--	28	--	--	--
--	--	--	--	--	--	--	--	--	31	--	--	--
--	28	--	--	--	--	--	--	--	28	--	--	--
--	--	--	--	--	--	--	--	--	2000	--	--	--
--	28	--	--	--	--	--	--	--	51	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	58	50	--	--	--	--	--
--	--	--	--	--	--	--	--	--	28	--	--	--
--	48	11	4.9	33	2.2	57	49	22	47	--	.23	22
--	--	--	--	--	--	--	--	--	52	--	--	--
--	38	--	--	--	--	--	--	--	93	--	--	--
--	--	--	--	--	--	--	--	--	1000	--	--	--
--	24	--	--	--	--	--	--	--	25	--	--	--
--	19	2.7	3.0	13	1.0	11	11	12	17	--	.06	12
--	--	--	--	--	--	--	--	--	83	--	--	--
--	44	--	--	--	--	--	--	--	93	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--

Table 8.--Chemical and physical analyses of

[--, no data available; <, less than; WAT WH or IT, incremental titration for alkalinity; FET, number in parentheses is USGS National Water

STATION NUMBER		DATE	NITROGEN, NITRATE TOTAL (MG/L AS N) (00620)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)
NHS	14	08-19-62	--	--	--	--	--	--	--	--	--	--
		08-23-88	--	--	2.1	<0.01	0.5	--	93	<0.5	<1	<5
		07-26-89	--	<0.01	1.9	<.01	--	--	--	--	--	--
		08-27-90	--	--	--	--	--	--	--	--	--	--
NHS	19	08-20-62	--	--	--	--	--	--	--	--	--	--
		08-23-88	--	--	1.8	<.01	.7	--	--	--	--	
NHS	88	01-25-57	4.4	--	--	--	--	--	--	--	--	--
		08-18-62	--	--	--	--	--	--	--	--	--	--
		08-16-88	--	--	0.657	<.01	.4	--	19	<.5	1	<5
NHS	109	08-29-90	--	--	1.9	--	--	0.02	--	--	--	--
NHS	132	08-28-90	--	--	--	--	--	--	--	--	--	
NHS	146	08-21-62	--	--	--	--	--	--	--	--	--	--
		08-17-88	--	--	2.6	<.01	.4	--	110	<.5	<1	<5
NHS	164	08-23-62	--	--	--	--	--	--	--	--	--	--
NHS	510	08-27-90	--	--	--	--	--	--	--	--	--	--
NHW	11	08-17-62	--	--	--	--	--	--	--	--	--	
		08-23-88	--	--	<.01	.25	.5	--	79	<.5	1	<5
NHW	31	08-20-62	--	--	--	--	--	--	--	--	--	--
		05-23-63	--	--	--	--	--	--	--	--	--	--
		08-19-88	--	--	1.0	<.01	.2	--	--	--	--	--
NHW	33	04-12-63	--	--	--	--	--	--	--	--	--	
		04-19-63	--	--	--	--	--	--	--	--	--	--
		05-23-63	--	--	--	--	--	--	--	--	--	--
NHW	34	04-12-63	--	--	--	--	--	--	--	--	--	--
		04-19-63	--	--	--	--	--	--	--	--	--	--
		05-23-63	--	--	--	--	--	--	--	--	--	
NHW	35	07-15-54	--	--	--	--	--	--	--	--	--	--
NHW	41	08-25-62	--	--	--	--	--	--	--	--	--	--
		05-24-63	--	--	--	--	--	--	--	--	--	--
		08-24-88	--	--	--	--	--	--	--	--	--	--
		07-28-89	--	<.01	.02	.660	--	--	--	--	--	
NHW	42	08-23-88	--	--	<.01	.10	.3	--	61	<.5	<1	<5
NHW	50	08-03-56	0	--	--	--	--	--	--	--	--	--
		08-18-62	--	--	--	--	--	--	--	--	--	--
NHW	63	08-12-57	3.1	--	--	--	--	--	--	--	--	--
NHW	66	09-21-62	--	--	--	--	--	--	--	--	--	
		08-23-88	--	--	.573	<.01	.2	--	30	<.5	<1	<5
NHW	67	09-06-60	0	--	--	--	--	--	--	--	--	--
		10-05-62	--	--	--	--	--	--	--	--	--	--
		05-25-63	--	--	--	--	--	--	--	--	--	--

water from selected wells and springs--Continued

WATER WH, whole water (unfiltered) sample;
fixed-endpoint titration for alkalinity;
Data Storage and Retrieval System code]

COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	LITHIUM DISSOLVED (UG/L AS LI) (01130)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SILVER, DISSOLVED (UG/L AS AG) (01075)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	VANADIUM, DISSOLVED (UG/L AS V) (01085)	ZINC, DISSOLVED (UG/L AS ZN) (01090)
--	--	--	110	--	--	--	--	--	--	--	--	--
<3	<10	--	37	<10	<4	24	<10	<10	<1	64	<6	<3
--	--	--	40	--	--	70	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	0	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	0	--	--	--	--	--	--	--	--	--
<3	260	--	28	<10	<4	4	<10	<10	2	39	<6	43
--	--	--	<3	--	--	2	--	--	--	--	--	--
--	--	--	10	--	--	7	--	--	--	--	--	--
--	--	--	0	--	--	--	--	--	--	--	--	--
<3	<10	--	8	10	<4	3	<10	<10	2	45	<6	23
--	--	--	0	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	0	--	--	--	--	--	--	--	--	--
<3	<10	--	8100	<10	<4	920	<10	<10	<1	210	<6	26
--	--	--	0	--	--	--	--	--	--	--	--	--
--	--	10	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	4000	--	--	--	--	--	--	--	--	--	--
--	--	5800	--	--	--	--	--	--	--	--	--	--
--	--	3000	--	--	--	--	--	--	--	--	--	--
--	--	240	--	--	--	--	--	--	--	--	--	--
--	--	240	--	--	--	--	--	--	--	--	--	--
--	--	280	--	--	--	--	--	--	--	--	--	--
--	--	100	--	--	--	--	--	--	--	--	--	--
--	--	--	70	--	--	--	--	--	--	--	--	--
--	--	3000	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	11000	--	--	450	--	--	--	--	--	--
<3	<10	--	6200	<10	<4	1200	<10	<10	<1	96	<6	10
--	--	2800	--	--	--	--	--	--	--	--	--	--
--	--	--	0	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	0	--	--	--	--	--	--	--	--	--
<3	50	--	95	<10	<4	8	<10	<10	<1	26	<6	29
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	20	--	--	--	--	--	--	--	--	--
--	--	2900	--	--	--	--	--	--	--	--	--	--

Table 8.--Chemical and physical analyses of

[--, no data available; <, less than; WAT WH or IT, incremental titration for alkalinity; FET, number in parentheses is USGS National Water

STATION NUMBER	DATE	LAT-I-TUDE	LONG-I-TUDE	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	PH FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
NHW 67	08-23-88	41 09 26	071 33 00	240	119	228	165	7.1	22.0	13.0
NHW 69	08-17-88	41 09 43	071 32 50	100	66	350	213	6.5	24.5	14.0
NHW 70	05-24-63	41 10 22	071 34 44	50	44	--	--	--	--	--
	08-22-88					179	103	6.0	--	15.5
NHW 74	05-24-63	41 11 41	071 34 05	47	29	--	--	--	--	--
NHW 75	08-24-89	41 10 24	071 34 44	17	40	[1]225	--	6.0	--	19.0
NHW 85	05-24-63	41 12 31	071 33 37	109	46	--	--	--	--	--
	08-16-88					435	235	6.4	27.5	16.0
NHW 89	09-06-61	41 09 43	071 33 32	137	120	--	--	--	--	--
	08-19-88					197	114	6.4	27.5	14.0
NHW 94	08-23-89	41 09 24	071 36 19	16	54	[1]124	--	6.3	--	19.5
NHW 96	08-20-62	41 10 40	071 34 44	4	10	[1]189	107	--	--	--
	08-17-88					[1]163	89	6.1	26.5	18.0
NHW 99	08-25-88	41 11 17	071 35 40	45	25	[1]420	--	6.8	27.0	15.0
	08-24-89					[1]329	--	6.8	--	13.5
NHW 100	05-25-63	41 10 44	071 35 49	186	135	--	--	--	--	--
	08-18-88					[1]151	92	6.9	29.0	--
NHW 110	08-23-89	41 10 09	071 36 10	23	96	[1]88	--	4.4	--	16.0
NHW 118	06-13-91	41 09 34	071 32 56	193	115	[1]222	--	8.8	--	12.0
NHW 121	07-13-62	41 09 48	071 32 59	10	44	--	--	--	--	--
	08-25-88					[1]235	--	6.1	24.0	18.0
	08-22-89					[1]235	--	5.8	--	16.5
NHW 130	05-24-63	41 10 21	071 33 57	55	26	--	--	--	--	--
NHW 133	05-24-63	41 10 14	071 34 39	130	86	--	--	--	--	--
NHW 134	03-12-57	41 10 19	071 33 58	87	20	--	--	--	--	--
	08-24-88					[1]240	--	6.5	19.5	16.0
NHW 136	06-10-58	41 10 16	071 33 51	97	32	--	--	--	--	--
	05-24-63					--	--	--	--	--
	08-24-88					[1]305	--	6.5	19.0	12.0
	08-01-89					[1]277	--	6.3	--	13.5
NHW 142	08-18-62	41 12 19	071 34 11	41	42	176	100	--	--	--
NHW 143	08-23-60	41 11 48	071 34 17	71	28	--	--	--	--	--
	08-23-88					[1]279	144	6.2	22.0	21.0
NHW 153	07-26-89	41 09 55	071 32 59	23	31	[1]404	--	6.2	--	15.0
NHW 156	08-16-62	41 11 30	071 34 08	31	17	--	--	--	--	--
	08-24-88					[1]245	--	6.7	17.0	19.0
	08-24-89					[1]245	--	6.7	--	16.0
NHW 158	09-07-62	41 10 27	071 36 01	95	80	172	89	--	--	--
	05-23-63					--	--	--	--	--
	08-17-88					160	89	6.1	27.0	18.0

WATER WH, whole water (unfiltered) sample;
fixed-endpoint titration for alkalinity;
Data Storage and Retrieval System code]

OXYGEN DISSOLVED (MG/L) (00300)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER WH IT LAB MG/L AS HCO3 (00449)	ALKALINITY WAT WH LAB (MG/L AS CACO3) (90410)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)
--	44	8.3	5.6	28	1.9	65	54	28	42	--	0.41	23
--	54	10	6.9	40	2.2	38	31	45	60	--	.45	22
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	2.0	21	18	17	23	--	.098	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	20	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	46	5.8	7.6	57	2.9	19	17	23	100	--	.36	15
--	--	--	--	--	--	--	--	--	32	--	--	--
--	--	--	--	--	1.8	15	13	15	28	--	.15	--
--	--	--	--	--	--	--	--	--	8.0	--	--	--
--	37	--	--	--	--	--	--	--	28	--	--	--
--	32	5.7	4.2	17	1.9	19	19	15	23	--	.098	14
--	--	--	--	--	--	117	96	--	--	--	--	--
--	--	--	--	--	--	--	--	--	43	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	1.4	24	20	15	18	--	.12	--
--	--	--	--	--	--	--	--	--	13	--	--	--
--	--	--	--	--	--	25	21	--	41	--	--	--
--	--	--	--	--	--	--	--	--	47	--	--	--
--	--	--	--	--	--	25	22	--	--	--	--	--
--	--	--	--	--	--	--	--	--	34	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	40	--	--	--
--	--	--	--	--	--	28	23	--	--	--	--	--
--	56	--	--	--	--	--	--	--	37	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	45	39	--	--	--	--	--
--	--	--	--	--	--	--	--	--	29	--	--	--
--	10	--	--	--	--	--	--	--	27	--	--	--
--	--	--	--	--	--	--	--	--	35	--	--	--
--	45	5.9	7.4	35	1.9	25	21	14	66	--	.23	16
--	--	--	--	--	--	--	--	--	9.0	--	--	--
--	--	--	--	--	--	--	--	--	41	--	--	--
--	--	--	--	--	--	35	29	--	--	--	--	--
--	--	--	--	--	--	--	--	--	26	--	--	--
--	28	--	--	--	--	--	--	--	26	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	28	3.9	4.4	16	4.4	20	17	12	21	--	.11	13

Table 8.--Chemical and physical analyses of

[--, no data available; <, less than; WAT WH or IT, incremental titration for alkalinity; FET, number in parentheses is USGS National Water

STATION NUMBER	DATE	NITRO-GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)
NHW 67	08-23-88	--	--	<0.01	0.07	0.2	--	210	<0.5	4	<5
NHW 69	08-17-88	--	--	.03	.03	.3	--	140	<.5	2	<5
NHW 70	05-24-63	--	--	--	--	--	--	--	--	--	--
	08-22-88	--	--	2.9	.01	.7	--	--	--	--	--
NHW 74	05-24-63	--	--	--	--	--	--	--	--	--	--
NHW 75	08-24-89	--	<0.01	.02	.07	--	--	--	--	--	--
NHW 85	05-24-63	--	--	--	--	--	--	--	--	--	--
	08-16-88	--	--	.968	.02	<.2	--	28	<.5	<1	<5
NHW 89	09-06-61	0.90	--	--	--	--	--	--	--	--	--
	08-19-88	--	--	4.7	.01	.2	--	--	--	--	--
NHW 94	08-23-89	--	<.01	.935	<.01	--	--	--	--	--	--
NHW 96	08-20-62	--	--	--	--	--	--	--	--	--	--
	08-17-88	--	--	1.4	<.01	.5	--	26	<.5	<1	<5
NHW 99	08-25-88	--	--	--	--	--	--	--	--	--	--
	08-24-89	--	.01	<.01	.560	--	--	--	--	--	--
NHW 100	05-25-63	--	--	--	--	--	--	--	--	--	--
	08-18-88	--	--	2.3	<.01	<.2	--	--	--	--	--
NHW 110	08-23-89	--	<.01	.840	<.01	--	--	--	--	--	--
NHW 118	06-13-91	--	--	--	--	--	--	--	--	--	--
NHW 121	07-13-62	0	--	--	--	--	--	--	--	--	--
	08-25-88	--	--	--	--	--	--	--	--	--	--
	08-22-89	--	<.01	1.8	.03	--	--	--	--	--	--
NHW 130	05-24-63	--	--	--	--	--	--	--	--	--	--
NHW 133	05-24-63	--	--	--	--	--	--	--	--	--	--
NHW 134	03-12-57	1.3	--	--	--	--	--	--	--	--	--
	08-24-88	--	--	--	--	--	--	--	--	--	--
NHW 136	06-10-58	1.3	--	--	--	--	--	--	--	--	--
	05-24-63	--	--	--	--	--	--	--	--	--	--
	08-24-88	--	--	--	--	--	--	--	--	--	--
	08-01-89	--	<.01	<.01	.02	--	--	--	--	--	--
NHW 142	08-18-62	--	--	--	--	--	--	--	--	--	--
NHW 143	08-23-60	1.3	--	--	--	--	--	--	--	--	--
	08-23-88	--	--	.02	.02	<.2	--	100	<.5	1	<5
NHW 153	07-26-89	--	<.01	7.5	.02	--	--	--	--	--	--
NHW 156	08-16-62	2.2	--	--	--	--	--	--	--	--	--
	08-24-88	--	--	--	--	--	--	--	--	--	--
	08-24-89	--	.01	.356	.570	--	--	--	--	--	--
NHW 158	09-07-62	--	--	--	--	--	--	--	--	--	--
	05-23-63	--	--	--	--	--	--	--	--	--	--
	08-17-88	--	--	2.9	<.01	<.2	--	92	<.5	<1	<5

water from selected wells and springs--Continued

WATER WH, whole water (unfiltered) sample;
fixed-endpoint titration for alkalinity;
Data Storage and Retrieval System code]

COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)
<3	<10	--	16000	<10	6	670	<10	<10	<1	69	<6	46
<3	<10	--	7700	<10	5	720	<10	<10	2	74	<6	23
--	--	60	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	90	--	--	--	--	--	--	--	--	--	--
--	--	--	20	--	--	10	--	--	--	--	--	--
--	--	80	--	--	--	--	--	--	--	--	--	--
<3	100	--	8	<10	<4	97	<10	<10	<1	89	<6	1600
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	10	--	--	20	--	--	--	--	--	--
--	--	--	0	--	--	--	--	--	--	--	--	--
<3	30	--	13	10	<4	23	<10	<10	2	50	<6	27
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	27000	--	--	430	--	--	--	--	--	--
--	--	160	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	10	--	--	100	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	20	--	--	20	--	--	--	--	--	--
--	--	3200	--	--	--	--	--	--	--	--	--	--
--	--	90	--	--	--	--	--	--	--	--	--	--
--	--	1700	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	11000	--	--	--	--	--	--	--	--	--	--
--	--	3200	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	7200	--	--	230	--	--	--	--	--	--
--	--	--	0	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
<3	30	--	130	10	<4	12	<10	<10	<1	79	<6	130
--	--	--	20	--	--	<10	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	10000	--	--	270	--	--	--	--	--	--
--	--	--	30	--	--	--	--	--	--	--	--	--
--	--	140	--	--	--	--	--	--	--	--	--	--
<3	130	--	140	<10	<4	12	<10	<10	<1	43	<6	18

Table 8.--Chemical and physical analyses of

[--, no data available; <, less than; WAT WH or IT, incremental titration for alkalinity; FET, number in parentheses is USGS National Water

STATION NUMBER	DATE	LAT-I-TUDE	LONG-I-TUDE	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	PH FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
NHW 172	08-18-62	41 10 48	071 34 30	7	6	230	115	--	--	--
NHW 173	08-18-62	41 10 41	071 34 23	63	7	444	248	--	--	--
	08-18-88					918	584	7.2	24.0	15.5
NHW 174	07-18-62	41 10 46	071 34 12	12	11	--	--	--	--	--
	08-26-88					[1]370	--	7.0	24.0	16.0
NHW 177	06-10-57	41 10 01	071 33 43	11	90	--	--	--	--	--
NHW 180	07-13-62	41 10 25	071 33 59	9	8	--	--	--	--	--
	08-25-88					[1]265	--	6.7	22.0	17.0
	08-08-89					[1]206	--	6.5	--	16.5
NHW 184	04-25-58	41 09 52	071 36 00	27	80	--	--	--	--	--
NHW 198	08-28-90	41 10 23	071 35 36	171	177	177	--	6.4	23.0	14.5
NHW 206	07-18-62	41 09 54	071 33 02	--	52	--	--	--	--	--
	08-30-62					211	128	--	--	--
NHW 208	09-02-62	41 10 19	071 33 57	86	21	211	126	--	--	--
	05-24-63					--	--	--	--	--
	08-19-88					233	147	6.9	20.5	19.5
NHW 209	08-30-62	41 10 29	071 34 01	124	4	355	196	--	--	--
	04-30-63					--	--	--	--	--
	08-24-88					[1]354	217	6.8	23.0	14.5
NHW 219	08-23-89	41 10 31	071 36 21	21	45	[1]134	--	5.9	--	20.0
NHW 222	09-07-62	41 11 13	071 35 35	80	36	267	153	--	--	--
	08-24-88					179	97	6.8	23.5	16.5
NHW 227	09-21-62	41 09 02	071 34 25	151	130	220	123	--	--	--
NHW 231	05-24-63	41 10 42	071 34 15	56	19	--	--	--	--	--
	08-19-88					193	97	6.7	23.5	14.5
NHW 237	09-01-89	41 10 47	071 36 20	77	33	[1]154	--	6.4	--	16.5
NHW 238	08-16-88	41 10 55	071 35 15	103	70	132	77	6.4	27.5	24.0
NHW 264	08-30-90	41 12 29	071 34 39	31	13	[1]240	--	6.1	23.5	14.0
NHW 302	09-06-89	41 10 50	071 35 42	124	88	[1]146	--	6.3	--	13.5
NHW 325	09-05-89	41 09 45	071 35 02	177	120	[1]125	--	6.1	--	17.5
NHW 328	09-01-89	41 09 53	071 35 11	220	130	[1]150	--	6.5	--	12.5
NHW 336	08-09-89	41 09 44	071 36 41	64	12	[1]156	--	6.4	--	18.0
NHW 340	08-02-89	41 12 50	071 33 35	162	135	[1]195	--	6.4	--	15.0
NHW 351	08-09-89	41 12 29	071 34 32	65	35	[1]167	--	6.3	--	13.5
NHW 355	08-29-90	41 12 08	071 33 50	68	32	220	--	5.9	25.0	13.0
NHW 369	08-01-89	41 10 36	071 34 22	107	12	[1]1890	--	6.3	--	14.0
NHW 383	08-01-89	41 10 16	071 34 08	123	40	[1]302	--	6.5	--	16.0
NHW 391	07-25-89	41 10 43	071 34 15	64	20	[1]228	--	6.1	--	13.0
NHW 401	08-08-89	41 09 58	071 34 03	111	46	[1]221	--	6.9	--	14.5
NHW 402	08-01-89	41 09 56	071 34 00	144	61	[1]179	--	6.5	--	16.5

water from selected wells and springs--Continued

WATER WH, whole water (unfiltered) sample;
fixed-endpoint titration for alkalinity;
Data Storage and Retrieval System code]

OXYGEN, DISSOLVED (MG/L) (00300)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER WH IT LAB MG/L AS HCO3 (00449)	ALKALINITY WAT WH LAB (MG/L AS CACO3) (90410)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)
--	46	--	--	--	--	--	--	--	28	--	--	--
--	28	--	--	--	--	--	--	--	110	--	--	--
--	--	--	--	--	3.5	80	66	7.5	260	--	1.2	--
--	--	--	--	--	--	--	--	--	51	--	--	--
--	--	--	--	--	--	114	94	--	--	--	--	--
--	--	--	--	--	--	--	--	--	24	--	--	--
--	--	--	--	--	--	--	--	--	29	--	--	--
--	--	--	--	--	--	72	60	--	--	--	--	--
--	--	--	--	--	--	--	--	--	11	--	--	--
--	--	--	--	--	--	--	--	--	26	--	--	--
--	33	6.1	4.2	18	3.9	25	20	14	26	<0.1	.08	19
--	--	--	--	--	--	--	--	--	39	--	--	--
--	40	--	--	--	--	--	--	--	38	--	--	--
--	36	--	--	--	--	--	--	--	35	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	1.7	40	34	30	34	--	.25	--
--	60	--	--	--	--	--	--	--	61	--	--	--
--	110	--	--	--	--	--	--	--	110	--	--	--
--	68	14	7.9	40	2.5	48	40	48	58	--	.39	24
--	--	--	--	--	--	--	--	--	22	--	--	--
--	28	--	--	--	--	--	--	--	50	--	--	--
--	26	4.9	3.2	24	1.3	32	25	20	25	--	.14	13
--	28	--	--	--	--	--	--	--	40	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	2.1	37	30	17	24	--	.12	--
--	--	--	--	--	--	--	--	--	20	--	--	--
--	25	4.5	3.3	15	1.2	16	16	11	19	--	.07	15
--	38	5.8	5.6	28	3.0	39	31	11	39	.2	.15	15
--	--	--	--	--	--	--	--	--	18	--	--	--
--	--	--	--	--	--	--	--	--	17	--	--	--
--	--	--	--	--	--	--	--	--	21	--	--	--
--	--	--	--	--	--	--	--	--	21	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	28	--	--	--
--	40	5.5	6.4	24	1.5	21	17	14	34	.3	.16	13
--	--	--	--	--	--	--	--	--	540	--	--	--
--	--	--	--	--	--	--	--	--	35	--	--	--
--	--	--	--	--	--	--	--	--	30	--	--	--
--	--	--	--	--	--	--	--	--	29	--	--	--
--	--	--	--	--	--	--	--	--	23	--	--	--

Table 8.--Chemical and physical analyses of

[--, no data available; <, less than; WAT WH or IT, incremental titration for alkalinity; FET, number in parentheses is National Water

STATION NUMBER	DATE	NITROGEN, NITRATE TOTAL (MG/L AS N) (00620)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)
NHW 172	08-18-62	--	--	--	--	--	--	--	--	--	--
NHW 173	08-18-62	--	--	--	--	--	--	--	--	--	--
	08-18-88	--	--	<0.01	0.300	1.4	--	--	--	--	--
NHW 174	07-18-62	8.9	--	--	--	--	--	--	--	--	--
	08-26-88	--	--	--	--	--	--	--	--	--	--
NHW 177	06-10-57	2.2	--	--	--	--	--	--	--	--	--
NHW 180	07-13-62	2.2	--	--	--	--	--	--	--	--	--
	08-25-88	--	--	--	--	--	--	--	--	--	--
	08-08-89	--	<0.01	5.1	.03	--	--	--	--	--	--
NHW 184	04-25-58	1.8	--	--	--	--	--	--	--	--	--
NHW 198	08-28-90	--	--	3.1	--	--	<0.01	--	--	--	--
NHW 206	07-18-62	0	--	--	--	--	--	--	--	--	--
	08-30-62	--	--	--	--	--	--	--	--	--	--
NHW 208	09-02-62	--	--	--	--	--	--	--	--	--	--
	05-24-63	--	--	--	--	--	--	--	--	--	--
	08-19-88	--	--	<.01	.05	0.4	--	--	--	--	--
NHW 209	08-30-62	--	--	--	--	--	--	--	--	--	--
	04-30-63	--	--	--	--	--	--	--	--	--	--
	08-24-88	--	--	<.01	.06	.2	--	140	<0.5	<1	<5
NHW 219	08-23-89	--	<.01	.044	.160	--	--	--	--	--	--
NHW 222	09-07-62	--	--	--	--	--	--	--	--	--	--
	08-24-88	--	--	.25	.03	.3	--	120	<.5	<1	<5
NHW 227	09-21-62	--	--	--	--	--	--	--	--	--	--
NHW 231	05-24-63	--	--	--	--	--	--	--	--	--	--
	08-19-88	--	--	1.8	<.01	1.8	--	--	--	--	--
NHW 237	09-01-89	--	<.01	1.2	.02	--	--	--	--	--	--
NHW 238	08-16-88	--	--	2.6	.02	.6	--	150	<.5	<1	<5
NHW 264	08-30-90	--	--	1.9	--	--	.02	--	--	--	--
NHW 302	09-06-89	--	<.01	1.3	.02	--	--	--	--	--	--
NHW 325	09-05-89	--	<.01	1.7	.03	--	--	--	--	--	--
NHW 328	09-01-89	--	<.01	1.1	.01	--	--	--	--	--	--
NHW 336	08-09-89	--	<.01	.710	.01	--	--	--	--	--	--
NHW 340	08-02-89	--	<.01	.806	<.01	--	--	--	--	--	--
NHW 351	08-09-89	--	<.01	3.3	.02	--	--	--	--	--	--
NHW 355	08-29-90	--	--	1.3	--	--	.02	--	--	--	--
NHW 369	08-01-89	--	<.01	.02	.290	--	--	--	--	--	--
NHW 383	08-01-89	--	<.01	<.01	.04	--	--	--	--	--	--
NHW 391	07-25-89	--	<.01	2.4	.04	--	--	--	--	--	--
NHW 401	08-08-89	--	<.01	.037	.490	--	--	--	--	--	--
NHW 402	08-01-89	--	<.01	.03	.08	--	--	--	--	--	--

WATER WH, whole water (unfiltered) sample;
fixed-endpoint titration for alkalinity;
Data Storage and Retrieval System code]

COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	LITHIUM DIS-SOLVED (UG/L AS LI) (01130)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	STRON-TIUM, DIS-SOLVED (UG/L AS SR) (01080)	VANA-DIUM, DIS-SOLVED (UG/L AS V) (01085)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)
--	--	--	0	--	--	--	--	--	--	--	--	--
--	--	--	0	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	30	--	--	50	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	28	--	--	5	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	130	--	--	--	--	--	--	--	--	--
--	--	--	80	--	--	--	--	--	--	--	--	--
--	--	3000	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	10	--	--	--	--	--	--	--	--	--
--	--	7000	--	--	--	--	--	--	--	--	--	--
<3	<10	--	12000	<10	5	1000	<10	<10	1.0	100	<6	30
--	--	--	470	--	--	2100	--	--	--	--	--	--
--	--	--	10	--	--	--	--	--	--	--	--	--
<3	20	--	240	<10	<4	210	<10	<10	<1.0	41	<6	2000
--	--	--	0	--	--	--	--	--	--	--	--	--
--	--	220	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	70	--	--	60	--	--	--	--	--	--
<3	80	--	17	10	<4	6	<10	<10	1.0	40	<6	21
--	--	--	<3	--	--	690	--	--	--	--	--	--
--	--	--	40	--	--	20	--	--	--	--	--	--
--	--	--	20	--	--	<10	--	--	--	--	--	--
--	--	--	70	--	--	<10	--	--	--	--	--	--
--	--	--	40	--	--	50	--	--	--	--	--	--
--	--	--	170	--	--	20	--	--	--	--	--	--
--	--	--	20	--	--	<10	--	--	--	--	--	--
--	--	--	33	--	--	2	--	--	--	--	--	--
--	--	--	8600	--	--	3100	--	--	--	--	--	--
--	--	--	10000	--	--	420	--	--	--	--	--	--
--	--	--	60	--	--	30	--	--	--	--	--	--
--	--	--	6200	--	--	890	--	--	--	--	--	--
--	--	--	3600	--	--	530	--	--	--	--	--	--

Table 8.--Chemical and physical analyses of

[--, no data available; <, less than; WAT WH or IT, incremental titration for alkalinity; FET, number in parentheses is USGS National Water

STATION NUMBER	DATE	LAT-I-TUDE	LONG-I-TUDE	DEPTH OF WELL, TOTAL (FEET) (72008)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD) (72000)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	PH (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)
NHW 406	09-01-89	41 10 23	071 35 44	178	159	[1]169	--	6.6	--	17.5
NHW 414	08-02-89	41 10 14	071 34 29	85	50	[1]178	--	6.1	--	18.0
NHW 419	08-29-90	41 10 36	071 34 18	52	35	[1]312	--	6.1	26.0	15.5
NHW 436	08-02-89	41 09 49	071 33 50	195	115	[1]212	--	6.5	--	15.0
NHW 437	08-09-89	41 10 55	071 36 01	62	55	[1]221	--	6.1	--	16.0
NHW 451	07-26-89	41 09 32	071 32 58	220	120	[1]257	--	6.7	--	12.5
NHW 467	06-15-67	41 10 42	071 34 15	53	20	--	--	6.8	--	--
NHW 504	08-01-89	41 10 08	071 33 33	81	80	[1]230	--	5.6	--	17.0
NHW 515	08-09-89	41 09 51	071 32 55	149	40	[1]277	--	6.6	--	20.0
NHW 535	06-13-91	41 09 27	071 34 32	163	154	[1]148	--	7.5	--	12.0
NHW 548	08-08-89	41 09 02	071 34 14	158	121	[1]216	--	6.5	--	13.0
NHW 549	08-08-89	41 09 02	071 34 13	130	130	[1]271	--	8.2	--	20.0
NHW 550	09-06-89	41 09 05	071 34 14	96	115	[1]162	--	6.4	--	13.5
NHW 553	09-06-89	41 09 06	071 33 58	131	155	[1]222	--	6.3	--	17.0
NHW 554	08-01-89	41 09 06	071 34 00	199	152	[1]244	--	7.9	--	15.5
NHW 556	08-09-89	41 09 10	071 33 58	222	168	[1]176	--	6.3	--	15.0
NHW 557	08-08-89	41 09 17	071 33 56	259	172	[1]161	--	6.4	--	14.5
	06-13-91					[1]129	--	7.8	--	11.5
NHW 564	08-08-89	41 09 24	071 33 56	114	150	[1]<164	--	<6.4	--	16.5
NHW 570	06-14-91	41 09 31	071 33 44	164	165	[1]176	--	7.4	--	13.0
NHW 614	08-09-89	41 10 23	071 36 22	102	43	[1]172	--	--	--	19.0
NHW 629	08-28-90	41 09 28	071 34 16	33	137	195	--	6.2	23.0	14.5
NHW 632	08-27-90	41 09 42	071 34 38	22	103	110	--	6.8	32.0	18.0
NHW 658	08-30-90	41 11 59	071 34 24	32	8	[1]193	--	5.3	24.0	12.5
NHW 668	08-22-89	41 12 16	071 33 56	111	20	[1]490	--	7.1	--	17.0
NHW 679	09-06-89	41 09 34	071 35 50	195	125	[1]140	--	6.6	--	15.0
NHW 687	08-01-89	41 10 25	071 34 03	135	20	[1]406	--	6.4	--	17.5
NHW 688	08-08-89	41 10 16	071 34 00	130	45	[1]275	--	6.0	--	13.0
NHW 695	08-08-89	41 10 03	071 34 03	103	43	[1]284	--	6.8	--	17.0
NHW 706	09-05-89	41 10 21	071 35 03	244	100	[1]201	--	6.5	--	15.0
NHW 708	09-05-89	41 10 56	071 35 15	102	55	[1]139	--	6.2	--	14.5
NHW 722	08-02-89	41 10 18	071 34 50	153	45	[1]135	--	6.5	--	16.0
NHW 738	08-02-89	41 09 53	071 34 52	147	135	[1]163	--	6.6	--	17.5
NHW 754	06-13-91	41 09 29	071 33 07	360	124	[1]250	--	6.9	--	14.5
NHW 760	08-22-89	41 09 37	071 35 29	142	155	[1]190	--	6.2	--	12.5
NHW 768	08-22-89	41 10 19	071 36 00	131	80	[1]166	--	6.9	--	14.0
NHW 769	08-22-89	41 11 09	071 35 36	100	55	[1]185	--	6.1	--	21.0
NHW 780	08-29-90	41 12 17	071 34 09	64	45	172	--	5.8	24.0	13.5

water from selected wells and springs--Continued

WATER WH, whole water (unfiltered) sample;
fixed-endpoint titration for alkalinity;
Data Storage and Retrieval System code]

OXYGEN, DISSOLVED (MG/L) (00300)	HARDNESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER WH IT LAB MG/L AS HCO3 (00449)	ALKALINITY WAT WH TOT FET LAB (MG/L AS CACO3) (90410)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)
--	--	--	--	--	--	--	--	--	22	--	--	--
--	--	--	--	--	--	--	--	--	21	--	--	--
5.8	81	11	13	25	2.4	56	45	16	45	0.1	0.22	12
--	--	--	--	--	--	--	--	--	27	--	--	--
--	--	--	--	--	--	--	--	--	32	--	--	--
--	--	--	--	--	--	--	--	--	22	--	--	--
--	--	--	--	--	--	--	--	--	51	--	--	--
--	--	--	--	--	--	--	--	--	33	--	--	--
--	--	--	--	--	--	--	--	--	42	--	--	--
--	--	--	--	--	--	17	14	--	30	--	--	--
--	--	--	--	--	--	--	--	--	32	--	--	--
--	--	--	--	--	--	--	--	--	46	--	--	--
--	--	--	--	--	--	--	--	--	34	--	--	--
--	--	--	--	--	--	--	--	--	38	--	--	--
--	--	--	--	--	--	--	--	--	34	--	--	--
--	--	--	--	--	--	--	--	--	26	--	--	--
--	--	--	--	--	--	--	--	--	23	--	--	--
--	--	--	--	--	--	14	13	--	33	--	--	--
--	--	--	--	--	--	--	--	--	24	--	--	--
--	--	--	--	--	--	14	12	--	35	--	--	--
--	--	--	--	--	--	--	--	--	24	--	--	--
2.4	41	7.3	5.6	19	3.9	62	49	4.5	32	<.1	.14	18
--	30	5.3	4.1	9.0	2.5	49	40	<1.0	11	<.1	.04	9.6
--	38	9.2	3.7	20	1.6	24	19	13	33	<.1	.18	10
--	--	--	--	--	--	--	--	--	110	--	--	--
--	--	--	--	--	--	--	--	--	18	--	--	--
--	--	--	--	--	--	--	--	--	54	--	--	--
--	--	--	--	--	--	--	--	--	40	--	--	--
--	--	--	--	--	--	--	--	--	37	--	--	--
--	--	--	--	--	--	--	--	--	27	--	--	--
--	--	--	--	--	--	--	--	--	17	--	--	--
--	--	--	--	--	--	--	--	--	16	--	--	--
--	--	--	--	--	--	--	--	--	19	--	--	--
--	--	--	--	--	--	20	17	--	42	--	--	--
--	--	--	--	--	--	--	--	--	23	--	--	--
--	--	--	--	--	--	--	--	--	21	--	--	--
--	--	--	--	--	--	--	--	--	24	--	--	--
--	31	6.5	3.7	17	2.8	21	19	8.9	32	<.1	.09	11

Table 8.--Chemical and physical analyses of water from selected wells and springs--Continued

[--, no data available; <, less than; WAT WH or WATER WH, whole water (unfiltered) sample; IT, incremental titration for alkalinity; FET, fixed-endpoint titration for alkalinity; number in parentheses is USGS National Water Data Storage and Retrieval System code]

STATION NUMBER	DATE	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)
NHW 406	09-01-89	<0.01	0.365	0.02	--	--	200	40
NHW 414	08-02-89	<.01	1.4	.01	--	--	60	10
NHW 419	08-29-90	--	3.7	--	0.04	--	6	<1
NHW 436	08-02-89	<.01	<.01	.06	--	--	5900	710
NHW 437	08-09-89	<.01	3.3	<.01	--	--	60	60
NHW 451	07-26-89	<.01	.02	.05	--	--	8100	370
NHW 467	06-15-67	--	--	--	--	[1]	--	--
NHW 504	08-01-89	<.01	2.6	<.01	--	--	30	<10
NHW 515	08-09-89	<.01	.146	.08	--	--	9700	520
NHW 535	06-13-91	--	--	--	--	--	--	--
NHW 548	08-08-89	<.01	.147	.04	--	--	3100	140
NHW 549	08-08-89	<.01	.126	.02	--	--	20	<10
NHW 550	09-06-89	<.01	1.0	.02	--	--	90	20
NHW 553	09-06-89	<.01	.168	.02	--	--	740	200
NHW 554	08-01-89	<.01	.024	<.01	--	--	40	550
NHW 556	08-09-89	<.01	1.5	.02	--	--	40	20
NHW 557	08-08-89	<.01	2.4	.02	--	--	70	30
	06-13-91	--	--	--	--	--	--	--
NHW 564	08-08-89	<.01	2.7	.02	--	--	50	140
NHW 570	06-14-91	--	--	--	--	--	--	--
NHW 614	08-09-89	<.01	1.4	.02	--	--	20	50
NHW 629	08-28-90	--	.400	--	<.01	--	4100	860
NHW 632	08-27-90	--	<.1	--	.03	--	3900	1800
NHW 658	08-30-90	--	2.7	--	<.01	--	55	54
NHW 668	08-22-89	<.01	<.01	.01	--	--	940	900
NHW 679	09-06-89	<.01	.612	.02	--	--	60	60
NHW 687	08-01-89	<.01	.02	.02	--	--	14000	1000
NHW 688	08-08-89	<.01	1.9	.02	--	--	70	<10
NHW 695	08-08-89	<.01	.117	.140	--	--	9400	970
NHW 706	09-05-89	.09	1.6	.03	--	--	10	20
NHW 708	09-05-89	<.01	2.0	.02	--	--	170	10
NHW 722	08-02-89	<.01	.892	<.01	--	--	30	<10
NHW 738	08-02-89	<.01	.534	<.01	--	--	40	10
NHW 754	06-13-91	--	--	--	--	--	--	--
NHW 760	08-22-89	<.01	.834	.02	--	--	40	10
NHW 768	08-22-89	<.01	.02	.03	--	--	540	610
NHW 769	08-22-89	<.01	<.01	.02	--	--	1200	50
NHW 780	08-29-90	--	2.5	--	.01	--	46	1

[1] Specific conductance is field value.

Table 9.--Specific conductance of water from selected springs and surface-water sites, 1989

[Site type: P, pond; S, spring; T, stream]

Station number	Date	Specific conductance (uS/cm)	Site type
NHS 14	7/18	249	S
NHS 88	7/06	162	S
NHS 146	7/06	160	S
NHS 147	7/06	161	S
NHS 781	7/06	196	S
NHS 782	7/06	142	S
NHS 783	7/06	177	S
NHS 784	7/07	693	S
NHS 785	7/12	245	S
NHS 786	7/12	293	S
NHS 787	7/12	408	S
NHS 788	7/18	331	S
NHS 789	7/18	136	S
NHS 790	7/18	518	S
NHS 791	7/18	184	S
NHS 792	7/19	321	S
NHS 793	7/19	177	S
NHS 794	7/19	293	S
NHS 795	7/19	241	S
NHS 796	7/19	132	S
813	7/11	270	P
814	7/07	127	P
816	7/20	61	P
818	7/07	56	P
821	7/06	115	P
822	7/06	450	P
823	7/06	246	P
829	7/06	447	P
831	7/06	98	T
832	7/06	73	P
833	7/06	227	P
834	7/06	192	T
835	7/06	97	P
836	7/06	89	P
838	7/06	96	P
839	7/06	51	P
840	7/06	59	P
841	7/06	42	P
844	7/11	114	P
845	7/11	270	P
849	7/18	119	T
850	7/18	329	P
853	7/18	163	T
856	7/19	112	P
857	7/19	88	P
858	7/19	98	P
859	7/19	124	T
860	7/19	98	P
861	7/19	107	T
862	7/19	77	T
868	7/20	77	P
869	7/20	123	P
870	7/20	99	P
871	7/20	127	P
872	7/20	117	P
873	7/20	56	P

Table 10.--Specific conductance of water from selected ground-water sites, 1989

[Conductance measured in sample collected from tap or hose, except for those indicated with *, in which conductance was measured in well]

Station number	Date	Specific conductance (uS/cm)
NHW 47	6/27	180
NHW 104*	6/19	218
NHW 114	6/13	161
NHW 153	6/07	400
NHW 158	6/14	166
NHW 186	6/07	360
NHW 217	6/20	238
NHW 220*	6/15	263
NHW 227	6/27	172
NHW 328	6/29	148
NHW 329	6/29	119
NHW 337	6/14	165
NHW 341	6/20	185
NHW 369	6/20	1,930
NHW 373	6/27	171
NHW 374	6/27	181
NHW 401	7/11	202
NHW 402	7/11	167
NHW 438	6/29	147
NHW 455	6/29	154
NHW 523	6/07	300
NHW 529	6/15	183
NHW 534	7/11	180
NHW 535	6/27	172
NHW 537	6/27	200
NHW 538	6/08	155
NHW 542	6/27	234
NHW 543	6/27	249
NHW 544	6/27	242
NHW 547	6/26	229
NHW 547	7/11	222
NHW 555	6/29	215
NHW 556	6/29	181
NHW 557	6/27	167
NHW 564	6/07	205
NHW 565	6/07	210
NHW 567	7/11	148
NHW 570	6/07	210
NHW 577	6/27	166
NHW 636	6/08	80
NHW 660	6/20	2,960
NHW 668	6/19	544
NHW 671	6/27	137
NHW 682	7/11	163
NHW 686	6/13	300
NHW 687	6/27	390
NHW 693	6/26	164
NHW 695	7/11	305
NHW 751	6/20	150
NHW 755	6/07	162
NHW 756	6/14	110
NHW 758	6/15	248

Tables 11-15. Rhode Island Department of Health analyses of Block Island public drinking-water sources

Tables 11-15 contain water-quality data for samples collected by the Rhode Island Department of Health (RIDOH) from the public-supply wells at the Block Island Water Company well field for the period 1976 to 1986 and from Sands Pond for the period 1976 to 1991. The tables also include data from Fresh Pond, a potential public water-supply source, for the period 1988 to 1991.

In the original tables from the RIDOH, the wells were referred to as Water Company Wells #1-#6. The USGS' numbers for the water company wells are as follows:

Well 1....NHW 33	Well 4....NHW 424
Well 2....NHW 34	Well 5....NHW 425
Well 3....NHW 241	Well 6....NHW 417

In some of the tables, there is a set of two years given for the sampling date instead of an exact date (example: 1984-1985). This period represents the State's fiscal year: July 1st of the first year to June 30th of the second year. The data in these tables are presented as they were published by the RIDOH.

Table 11.--Rhode Island Department of Health analyses of Block Island public drinking-water sources for inorganics and physical characteristics

[--, no data available; <, less than; figures represent mg/L except pH values, which are standard units]

Station name or number	Date	pH	Hardness (as CaCO3)	Calcium	Magnesium	Sodium	Potassium	Alkalinity (as CaCO3)	Sulfate	Chloride	Fluoride	Total dissolved solids	Nitrate (as N)	Nitrite (as N)	Free ammonia (as N)	Iron, total	Manganese
Maximum Contaminant Level[1]		--	--	--	--	--	--	--	--	--	4.0	--	10	--	--	--	--
NHW 33	1977-1978	6.2	36	8.0	3.9	19.1	2.5	1	34.0	31	0.0	149	0.0	--	--	7.5	0.41
NHW 33	1978-1979	6.1	36	13.6	0.5	20.0	2.5	12	27.0	31	<.1	135	.0	--	--	2.7	.47
NHW 33	1979-1980	6.2	38	1.2	4.8	27.5	2.5	12	29.0	28	.1	78	.1	--	--	1.9	.50
NHW 33	1980-1981	6.1	36	8.0	3.9	19.5	2.7	5	30.0	29	<.2	146	1.4	--	--	3.0	.47
NHW 33	1983-1984	--	40	8.0	4.9	21.2	2.4	18	34.0	30	<.2	231	<.1	--	--	56.0	1.34
NHW 33	1985-1986	6.3	38	8.8	3.9	22.0	2.5	29	32.0	32	<.1	149	<.1	--	--	14.6	.85
NHW 34	1977-1978	--	26	4.8	3.4	18.0	1.8	2	22.0	24	.2	106	.0	--	--	.4	.06
NHW 34	1978-1979	6.1	24	4.8	2.9	18.2	2.3	13	13.0	25	<.1	100	.5	--	--	3.1	.14
NHW 241	1978-1979	6.2	32	5.6	4.4	18.5	2.6	14	20.0	31	<.1	123	.0	--	--	8.3	.21
NHW 241	1981-1982	6.3	34	6.2	4.4	17.5	1.9	14	26.0	22	<.1	183	.1	--	--	30.4	.19
NHW 241	1983-1984	--	52	8.0	7.8	47.5	2.7	20	33.0	79	<.2	273	<.1	--	--	28.0	.37
NHW 241	1984-1985	6.0	36	7.2	4.4	20.0	2.4	19	29.0	26	<.2	125	<.1	--	--	4.2	.16
NHW 241	1985-1986	6.3	42	8.8	4.9	20.0	2.3	18	29.0	27	<.1	129	.1	--	--	3.7	.13
NHW 417	1981-1982	--	90	13.6	13.6	98.0	4.5	53	35.0	198	<.2	440	<.1	--	--	2.80	.58
NHW 417	1982-1983	6.6	46	8.0	6.3	28.5	3.0	35	20.0	41	<.2	134	<.1	--	--	7.9	.46
NHW 424	1977-1978	--	28	4.8	3.9	18.1	1.8	5	23.0	28	.2	124	.0	--	--	.1	.16
NHW 424	1978-1979	6.4	26	4.0	3.9	17.0	2.5	16	15.0	28	<.1	111	.0	--	--	4.9	.40
NHW 424	1979-1980	6.1	36	1.2	4.9	29.8	2.5	14	25.0	31	<.1	30	.1	--	--	1.6	.17
NHW 424	1980-1981	5.9	30	8.0	2.4	17.4	2.1	12	22.0	24	<.2	118	.5	--	--	3.9	.13
NHW 424	1981-1982	6.3	25	5.2	2.8	15.0	2.1	11	23.0	24	<.1	130	.4	--	--	6.80	.11
NHW 424	1982-1983	6.2	28	7.2	2.4	42.0	2.6	15	18.0	24	<.2	123	.5	--	--	7.4	.25
NHW 424	1983-1984	--	82	12.0	12.6	85.0	3.4	18	36.0	142	<.2	474	.2	--	--	35.0	.50

Table 11.--Rhode Island Department of Health analyses of Block Island public drinking-water sources for inorganics and physical characteristics--Continued

[--, no data available; <, less than; figures represent mg/L except pH values, which are standard units]

Station name or number	Date	pH	Hardness (as CaCO3)	Calcium	Magnesium	Sodium	Potassium	Alkalinity (as CaCO3)	Sulfate	Chloride	Fluoride	Total dissolved solids	Nitrate (as N)	Nitrite (as N)	Free ammonia (as N)	Iron, total	Manganese
Maximum Contaminant Level[1]		--	--	--	--	--	--	--	--	--	4.0	--	10	--	--	--	--
NHW 425	1977-1978	6.4	30	7.2	2.9	17.2	1.8	4	26.0	27	0.1	180	0.0	--	--	14.5	0.38
NHW 425	1978-1979	6.3	32	4.8	4.9	18.2	1.9	18	20.0	29	<.1	124	.0	--	--	6.8	.44
NHW 425	1979-1980	6.1	16	3.2	1.9	22.7	1.8	2	5.0	28	<.1	115	.0	--	--	1.3	.04
NHW 425	1980-1981	6.1	48	8.8	6.3	46.0	2.5	18	27.0	28	<.2	247	<.1	--	--	4.8	.50
NHW 425	1981-1982	6.4	79	14.7	10.2	83.5	3.1	43	35.5	147	.2	362	<.1	--	--	8.0	.59
NHW 425	1982-1983	6.1	106	16.8	15.5	135.0	4.0	19	44.0	199	<.2	603	.1	--	--	10.0	.72
NHW 425	1984-1985	6.2	16	3.2	1.9	16.0	1.5	6	12.0	30	<.2	82	<.1	--	--	1.1	.11
NHW 425	1985-1986	6.5	80	19.2	7.8	90.4	3.2	22	38.0	160	<.1	401	<.1	--	--	13.8	.72
Sands Pond	1977-1978	5.6	16	2.4	2.4	14.5	1.5	4	12.0	29	.0	78	.0	--	--	0.2	.06
Sands Pond	1978-1979	5.2	12	0.8	2.4	16.4	1.7	4	6.0	30	<.1	75	.0	--	--	.5	.06
Sands Pond	1979-1980	5.7	14	2.4	1.9	22.5	1.6	2	5.0	25	<.1	127	.0	--	--	1.3	.03
Sands Pond	1980-1981	6.1	18	6.4	0.5	16.0	1.7	3	10.0	30	<.2	98	<.1	--	--	.4	.04
Sands Pond	1981-1982	6.3	14	2.0	2.2	18.5	1.6	2	14.0	30	<.1	94	<.1	--	--	.7	.04
Sands Pond	1982-1983	5.7	22	4.0	2.9	18.0	1.7	2	14.0	30	<.2	70	<.1	--	--	.4	.07
Sands Pond	1983-1984	--	16	4.0	1.5	15.2	1.5	4	13.0	30	<.2	88	<.1	--	--	.3	.06
Sands Pond	1984-1985	6.2	16	3.2	1.9	14.5	1.3	4	12.0	26	<.2	83	<.1	--	--	.8	.02
Sands Pond	1985-1986	5.5	28	5.6	3.4	--	1.6	1	20.0	57	<.1	140	<.1	--	--	.1	.18
Sands Pond	1986-1987	4.6	50	8.0	7.3	52.0	2.0	--	27.0	89	<.1	257	<.1	--	--	.1	.30
Sands Pond	1987-1988	5.9	27	3.8	4.3	30.1	2.7	6	16.6	49	<.1	119	<.1	--	--	.2	.11
Sands Pond	07-26-88	--	22	4.0	2.9	23.1	2.2	4	14.5	37	<.2	100	<.1	<.02	.07	<.05	.17
Sands Pond	08-31-89	--	31	3.4	4.3	31.8	2.4	4	16.9	64	<.2	159	<.1	<.02	<.05	.4	.09
Sands Pond	07-03-90	5.6	18	2.4	2.9	21.0	2.0	4	13.6	33	<.2	88	1.1	<.02	<.05	.1	.05
Sands Pond	07-09-91	6.0	28	4.0	4.5	33.0	2.1	2	21.0	54	<.2	145	.1	<.02	.11	.1	<.02
Fresh Pond	07-26-88	--	22	3.5	3.2	14.2	1.3	4	14.7	25	<.2	60	<.1	<.02	<.05	.3	.08
Fresh Pond	08-31-89	--	18	<2.5	2.0	13.4	1.3	3	12.4	24	<.2	78	<.1	<.02	<.05	.2	.06
Fresh Pond	07-03-90	5.4	12	4.0	<.5	13.1	1.3	4	13.0	21	<.2	64	.1	<.02	<.05	.2	.06
Fresh Pond	07-09-91	6.0	14	2.4	2.1	12.5	1.4	1	13.4	25	<.2	78	<.1	<.02	<.05	.2	.04

[1] Rhode Island Department of Health, 1991

Table 12.--Rhode Island Department of Health analyses of Block Island public drinking-water sources for total heavy metals

[Figures represent mg/L; --, no data available; <, less than]

Station name or number	Date	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
Maximum Contaminant Level[1]		0.05	1	0.010	0.05	--	0.05	0.002	--	0.01	0.05	--
NHW 33	07-12-77	<.01	--	<.002	<.02	<0.02	<.02	--	<0.05	<.01	<.01	0.10
NHW 33	07-05-78	<.01	<0.05	<.001	<.02	<.02	<.01	<.001	<.02	<.01	<.02	.09
NHW 33	07-09-79	<.005	.03	<.001	<.005	<.02	<.005	<.001	<.005	<.005	<.005	.14
NHW 33	07-28-80	<.005	.04	<.002	<.02	<.02	<.005	<.001	<.010	<.005	<.02	.02
NHW 33	1983-1984	.011	.09	.006	<.005	.25	.017	<.001	<.02	<.005	<.02	2.3
NHW 34	07-13-76	<.01	--	<.002	<.02	<.02	<.02	<.002	<.02	--	<.02	.05
NHW 34	09-20-77	<.01	--	<.002	<.02	<.02	<.02	--	<.05	<.01	<.01	.10
NHW 34	07-05-78	<.01	.05	<.001	<.02	.03	<.01	<.001	<.02	<.01	<.02	1.08
NHW 241	07-13-76	<.01	--	<.002	<.02	<.02	<.02	<.0002	<.02	--	<.02	.44
NHW 241	07-05-78	<.01	.05	<.001	<.02	.03	<.01	--	<.02	<.01	<.02	.18
NHW 241	07-16-81	<.005	.02	<.002	<.02	.11	.005	<.001	<.02	<.005	<.02	.04
NHW 241	1983-1984	<.005	.11	<.002	<.005	.28	<.005	<.001	<.02	<.005	<.02	.41
NHW 241	1984-1985	<.005	.04	<.001	<.005	<.02	<.005	<.001	<.02	<.005	<.001	.04
NHW 417	1982-1983	<.005	.11	<.002	<.002	<.02	<.005	<.001	<.02	<.005	<.02	<.07
NHW 424	07-13-76	<.01	--	<.002	<.02	<.02	<.02	<.0002	<.02	--	<.02	<.02
NHW 424	09-20-77	<.01	--	<.002	<.02	<.02	<.02	--	<.05	<.01	<.01	.03
NHW 424	07-05-78	<.01	.04	<.001	<.02	<.02	<.01	--	<.02	<.01	<.02	.08
NHW 424	07-09-79	<.005	.02	<.01	<.005	<.02	<.005	<.001	<.005	<.005	<.005	<.02
NHW 424	07-28-80	<.005	.02	<.002	<.02	<.02	<.005	<.001	<.010	<.005	<.02	<.02
NHW 424	07-16-81	<.005	<.02	<.002	<.02	<.02	<.005	<.001	<.02	<.005	<.02	<.02
NHW 424	1982-1983	<.005	.03	<.002	<.02	<.02	<.005	<.001	<.02	<.005	<.02	<.02
NHW 424	1983-1984	.005	.13	<.002	<.005	<.02	<.005	<.001	<.02	<.005	<.02	<.02
NHW 425	07-12-77	<.01	--	<.002	<.02	<.02	<.02	--	<.05	<.01	<.01	.12
NHW 425	07-09-79	<.005	<.02	<.001	<.005	<.02	<.005	<.001	<.005	<.005	<.005	<.02
NHW 425	07-28-80	<.005	.10	<.002	<.02	<.02	<.005	<.001	<.010	<.005	<.02	.04
NHW 425	07-16-81	<.005	.01	<.002	<.02	.02	<.005	<.001	<.02	<.005	<.02	.04
NHW 425	1982-1983	.007	.11	<.002	<.02	<.02	<.005	<.001	<.02	.006	<.02	<.02
NHW 425	1984-1985	<.005	.02	<.001	<.005	<.02	<.005	<.001	<.02	<.005	<.001	<.02

Table 12.--Rhode Island Department of Health analyses of Block Island public drinking-water sources for total heavy metals--Continued

[Figures represent mg/L; --, no data available; <, less than]

Station name or number	Date	Arsenic	Barium	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
Maximum Contaminant Level[1]		0.05	1	0.010	0.05	--	0.05	0.002	--	0.01	0.05	--
Sands Pond	07-13-76	<.01	--	<.002	<.02	<0.02	<.02	<.0002	<0.02	--	<.02	<0.02
Sands Pond	07-12-77	<.01	--	<.002	<.02	<.02	<.02	--	<.05	<.01	<.01	.02
Sands Pond	07-05-78	<.01	0.03	<.001	<.02	<.02	<.01	<.001	<.02	<.01	<.02	.03
Sands Pond	07-09-79	<.005	<.02	<.001	<.005	<.02	<.005	<.001	<.005	<.005	<.005	<.02
Sands Pond	07-28-80	<.005	<.010	<.002	<.02	<.02	.020	<.001	<.010	<.005	<.02	<.02
Sands Pond	07-16-81	<.005	<.02	<.002	<.02	<.02	<.005	<.001	<.02	<.005	<.02	<.02
Sands Pond	1982-1983	<.005	.02	<.002	<.02	<.02	<.005	<.001	<.02	<.005	<.02	<.02
Sands Pond	1983-1984	<.005	<.02	<.002	<.005	<.02	<.005	<.001	<.02	<.005	<.02	<.02
Sands Pond	1984-1985	<.005	<.02	<.001	<.005	<.02	.007	<.001	<.02	<.005	<.001	<.02
Sands Pond	1985-1986	<.005	.05	<.001	<.005	<.02	.007	<.001	<.02	<.005	<.001	<.02
Fresh Pond	07-03-90	<.005	<.02	<.001	<.005	<.02	<.005	<.001	<.02	<.005	<.001	.06
Fresh Pond	07-09-91	<.005	<.02	<.001	--	<.02	.006	<.001	<.02	<.005	<.001	<.02

[1] Rhode Island Department of Health, 1991

Table 13.--Rhode Island Department of Health analyses of Block Island public drinking-water sources for chlorinated hydrocarbon pesticides and herbicides

[Figures represent ug/L; --, no data available; <, less than]

Station name or number	Date	Pesticides										Herbicides		
		Aldrin	Chlordane	DDT	Dieldrin	Endrin	Heptachlor	Heptachlor Epoxide	Lindane	Methoxychlor	Toxaphene	2,4-D	2,4,5 TP Silvex	2,4,5-T
Maximum Contaminant Level[1]		--	--	--	--	0.2	--	--	4	100	5	100	10	--
NHW 33	07-12-77	<0.2	<2.0	<1.0	<0.06	<.2	<0.1	<0.1	<1.0	<3.0	<5.0	<0.05	<0.005	<0.005
NHW 33	07-05-78	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 33	07-09-79	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 33	07-28-80	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 33	07-12-83	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 34	09-19-77	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 34	07-05-78	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 241	07-05-78	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 241	07-16-81	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 241	07-12-83	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 241	07-10-84	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 417	07-27-82	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 424	09-19-77	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 424	07-05-78	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 424	07-09-79	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 424	07-28-80	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 424	07-16-81	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 424	07-27-82	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 424	07-12-83	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005

Table 13.--Rhode Island Department of Health analyses of Block Island public drinking-water sources for chlorinated hydrocarbon pesticides and herbicides--Continued

[Figures represent ug/L; --, no data available; <, less than]

Station name or number	Date	Pesticides										Herbicides		
		Aldrin	Chlordane	DDT	Dieldrin	Endrin	Heptachlor	Heptachlor Epoxide	Lindane	Methoxychlor	Toxaphene	2,4-D	2,4,5 TP Silvex	2,4,5-T
Maximum Contaminant Level[1]		--	--	--	--	0.2	--	--	4	100	5	100	10	--
NHW 425	07-12-77	<0.2	<2.0	<1.0	<0.06	<.2	<0.1	<0.1	<1.0	<3.0	<5.0	<0.05	<0.005	<0.005
NHW 425	07-05-78	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 425	07-09-79	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 425	07-28-80	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 425	07-16-81	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 425	07-27-82	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
NHW 425	07-10-84	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
Sands Pond	07-12-77	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
Sands Pond	07-05-78	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
Sands Pond	07-09-79	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
Sands Pond	07-28-80	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
Sands Pond	07-16-81	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
Sands Pond	07-27-82	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
Sands Pond	07-12-83	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005
Sands Pond	07-10-84	<.2	<2.0	<1.0	<.06	<.2	<.1	<.1	<1.0	<3.0	<5.0	<.05	<.005	<.005

[1] Rhode Island Department of Health, 1991

Table 14.--Rhode Island Dept. of Health analyses of Block Island public drinking-water sources for chloroform and trihalomethanes

[--, no data available; ND, not detected]

Station name or number	Date	Total trihalo-methanes (ug/L)	Chloro-form (ug/L)
Maximum Contaminant Level[1]		100	--
NHW 33	07-05-78	1.30	1.20
NHW 34	07-05-78	3.80	3.10
NHW 241	07-05-78	1.60	1.60
NHW 424	07-05-78	1.90	1.20
NHW 425	07-05-78	ND	ND
Sands Pond	07-05-78	85.90	58.90

[1]Rhode Island Department of Health, 1991

Table 15.--Rhode Island Department of Health analyses of Block Island public drinking-water sources for radioactive constituents

[--, no data available; <, less than]

Station name or number	Date	Gross alpha (picocuries/ liter)	Gross beta (picocuries/ liter)
Maximum Contaminant Level[1]		15	50
NHW 33	07-11-77	<0.53	<1.52
NHW 33	07-05-78	<.31	<1.56
NHW 33	07-09-79	<.60	4.18
NHW 33	07-28-80	<.90	<2.87
NHW 33	07-12-83	3.3	5.5
NHW 34	09-20-77	.69	2.66
NHW 34	07-05-78	.61	<1.56
NHW 241	07-05-78	<.31	<1.56
NHW 241	07-16-81	3.70	<5.90
NHW 241	07-12-83	3.3	8.8
NHW 241	07-10-84	<3.0	<5.3
NHW 417	07-24-81	<1.80	11.00
NHW 417	07-27-82	4.6	4.4
NHW 424	09-20-77	<.49	<1.55
NHW 424	07-05-78	<.31	4.34
NHW 424	07-09-79	<.60	<1.91
NHW 424	07-28-80	<1.78	<5.74
NHW 424	07-16-81	3.60	<5.90
NHW 424	07-27-82	1.8	<2.9
NHW 424	07-12-83	3.2	<8.8
NHW 425	07-11-77	<.53	1.91
NHW 425	07-05-78	<.31	<1.56
NHW 425	07-09-79	<.60	3.91
NHW 425	07-28-80	<1.78	7.12
NHW 425	07-24-81	<1.80	6.80
NHW 425	07-27-82	<3.6	<12.0
NHW 425	07-10-84	<3.0	<5.3
Sands Pond	07-11-77	<.53	4.21
Sands Pond	07-05-78	.96	2.16
Sands Pond	07-09-79	<.60	4.34
Sands Pond	07-28-80	<.45	3.51
Sands Pond	07-16-81	<1.80	5.70
Sands Pond	07-27-82	.96	4.7
Sands Pond	07-12-83	1.0	<2.9
Sands Pond	07-10-84	<1.5	3.3

[1]Rhode Island Department of Health, 1991

* U.S. GOVERNMENT PRINTING OFFICE: 1993-500-204