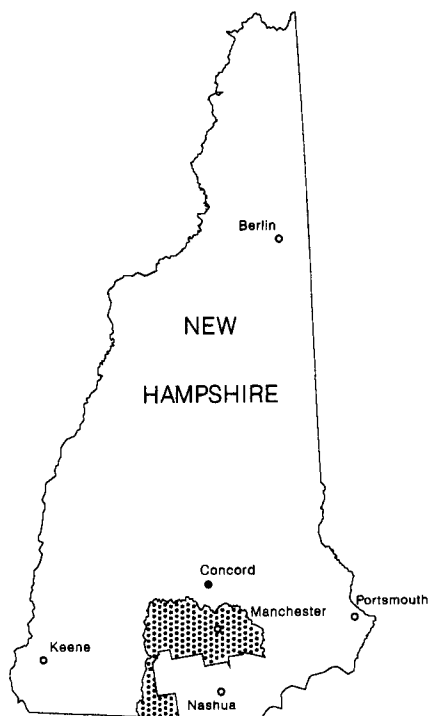


Geohydrology and Water Quality of Stratified-Drift Aquifers in the Middle Merrimack River Basin, South-Central New Hampshire

U.S. GEOLOGICAL SURVEY

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Manganese and iron are common elements in minerals in stratified-drift deposits within this study area. Elevated concentrations of manganese, often accompanied by elevated concentrations of iron, were the most common water-quality problem found during this investigation. Manganese, an abundant metallic element, is an undesirable impurity in water because of its tendency to deposit black oxide stains (Hem, 1985, p. 85). Water from seven wells had manganese concentrations that exceeded the SMCL of 50 $\mu\text{g/L}$ (U.S. Environmental Protection Agency, 1992)--930 $\mu\text{g/L}$ at FCW-3, 62 $\mu\text{g/L}$ at GNW-14, 61 $\mu\text{g/L}$ at GSW-101, 400 $\mu\text{g/L}$ at NCW-8, 630 $\mu\text{g/L}$ at NJW-1, 790 $\mu\text{g/L}$ at NJW-5, and 310 $\mu\text{g/L}$ at WGW-19. Iron, if present in excessive amounts in residential water supplies, forms red oxyhydroxide precipitates that can stain clothes and plumbing fixtures. Concentrations of iron in water from two of the sampled wells, 1,800 $\mu\text{g/L}$ at well FCW-3 and 350 $\mu\text{g/L}$ at well WGW-19, exceeded the SMCL of 300 $\mu\text{g/L}$ (U.S. Environmental Protection Agency, 1992).

Aluminum (Al), the third most abundant element in the Earth's crust, rarely is present in water at concentrations greater than a few tenths or hundredths of a milligram per liter (Hem, 1985, p. 73). Exceptions can be found in highly acidic waters where the Al^{+3} ion is dissolved. Water from well WGW-19 had the highest aluminum concentration, 90 $\mu\text{g/L}$ (0.09 mg/L), and the lowest pH value, 5.4.

Most trace metals are present in the soil as cations that are strongly adsorbed by oxides and hydroxides (particularly aluminum, iron, and manganese) and complexed by organic ligands at near-neutral values of pH (Drever, 1982); the dissolved concentrations are, therefore, usually low. All of the ground-water samples analyzed had trace-metal concentrations that are either below or more than two times the detection limit for the following metals: boron, cadmium, cobalt, copper, lead, lithium, molybdenum, mercury, and vanadium. In addition, the concentrations of the following metals were within the range of values commonly found in natural water (Hem, 1985): dissolved barium, beryllium, nickel, strontium, and zinc.

Detectable concentrations of arsenic were found in the water from three wells; 3 $\mu\text{g/L}$ in water from well FCW-3, and NCW-8, and 6 $\mu\text{g/L}$ in water from well NJW-1. These values were less than the MCL of 50 $\mu\text{g/L}$.

Water from wells sampled in this study was tested for 37 VOC's. All of the samples tested had concentrations of VOC's that were less than the detection level of 0.2 $\mu\text{g/L}$.

SUMMARY AND CONCLUSIONS

The middle Merrimack River basin in south-central New Hampshire encompasses an area of 469 mi^2 , which is underlain by approximately 98 mi^2 of stratified drift. A 22-percent increase in population from 1980 to 1989 has caused an increased demand on the water resources of this area. At present (1992), ground-water withdrawals from stratified drift for public supply within the basin do not exceed 0.4 Mgal/d. The towns of Goffstown and Hooksett are the primary users of this water. Many of the shallow stratified-drift aquifers within the study area could be valuable sources of domestic and municipal water supplies, but they are not developed to their fullest potential.

Stratified-drift deposits in the basin largely reflect local and regional glacial-lake environments that existed at the time of deposition. Many are deltas deposited into glacial lakes or locally ponded meltwater.

Stratified-drift aquifers in the southwestern part of the study area are generally thin, and much of the stratified drift consists of fine-grained glaciolacustrine sediment. Transmissivities are generally less than 1,000 ft^2/d . Some of these deposits, however, are capable of supplying enough potable water for domestic or small community supply.

Stratified-drift aquifers in the western and central parts of the study area are composed of fine-grained lacustrine and coarse-grained ice-contact deposits. Saturated thicknesses of these stratified-drift deposits exceed 100 ft in places. A total of 14 stratified-drift aquifers have transmissivities greater than 1,000 ft^2/d . Transmissivity in the most productive aquifers exceeded 6,000 ft^2/d .

Stratified-drift aquifers in the eastern part of the study area were formed in regional glacial-lake environments. Glacial Lakes Merrimack and Hooksett had a profound effect on the deposition of stratified drift in the Merrimack River valley. This large river valley contains extensive eskers, kames, and deltas, as well as the fine-grained lacustrine deposits. The influence of these glacial lakes extends into the larger tributary valleys for several miles. Total saturated thicknesses of stratified-drift aquifers in this area are commonly greater than 20 ft and exceed 150 ft in some areas. Transmissivities are locally greater than 2,000 ft^2/d .

Of the potentially valuable aquifers in the middle Merrimack River basin, only the Goffstown aquifer, Peters Brook aquifer, and the Pinnacle Pond

(part of the Brickyard Brook and Pinnacle Pond aquifer) are currently being used for a public water supply. At least one of these, the Goffstown aquifer, may not be developed to its capacity. Stratified-drift aquifers with the greatest potential for supply include the Smithville aquifer, Russell Station Road aquifer, Goffstown aquifer, Brickyard Brook part of the Brickyard Brook and Pinnacle Pond aquifer, South Bow aquifer, and upper Piscataquog River aquifer.

The stratified-drift aquifer in Goffstown was selected for a detailed analysis of potential yield. This 1.2 mi² aquifer is one of the most productive aquifers in the study area and is hydraulically connected to a river system. A two-dimensional numerical flow model was used to simulate the aquifer system, and the results showed that the Goffstown aquifer may be capable of supplying 3.9 ft³/s (2.5 Mgal/d). Sensitivity analysis showed that the estimated yield was most sensitive to changes in hydraulic conductivity. Streambed conductance was also important because it affected the source of water to the hypothetically pumped wells.

The quality of water from 10 wells finished in stratified drift was shown to be suitable for drinking and other domestic uses. Sites of known groundwater contamination were not sampled. Water samples from two wells had elevated sodium concentrations of 32 and 75 mg/L, respectively. These elevated concentrations may be a result of the proximity of the wells to highways where road salt is applied for deicing.

Water samples from two wells had elevated iron concentrations of 1,800 µg/L and 350 µg/L, respectively. Seven wells had manganese concentrations that equaled or exceeded the SMCL of 50 µg/L. The pH of water from seven wells was less than the SMCL of 6.5 established by USEPA in secondary drinking-water regulations. Water from each of the 10 wells was shown to be free of VOC's at a detection limit of 0.2 µg/L.

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Ablation till: Loosely consolidated rock debris, formerly carried by glacial ice, that accumulated in place as the surface ice was removed by ablation (melting).

Aquifer: A geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable materials to yield significant quantities of water to wells and springs. Where water only partly fills an aquifer, the upper surface of the saturated zone is free to rise and decline.

Aquifer boundary: A geologic or hydrologic feature that limits the extent of an aquifer.

Base flow: That part of the stream discharge that is not attributable to direct runoff from precipitation or melting snow; it is sustained by groundwater discharge to the stream channel.

Bedrock: Solid rock, locally called "ledge," that forms the earth's crust. It may be exposed at the surface but more commonly is buried beneath a few inches to more than 100 feet of unconsolidated deposits.

Coefficient of determination (R^2): A measure of the proportion of variation in the dependent variable that can be explained by the regression model:

$$R^2 = 1 - \frac{\text{Error sum of squares}}{\text{Total sum of squares}}$$

Cone of depression: A depression produced in a water table or other potentiometric surface by the withdrawal of water from an aquifer; in cross section, it is shaped like an inverted cone with its apex at the pumped well.

Confined aquifer: An aquifer saturated with water and bounded above and below by material having a distinctly lower hydraulic conductivity than the aquifer itself.

Contact: A plane or irregular surface between two types or ages of rocks or unconsolidated sediments.

Cubic foot per second (ft^3/s): A unit expressing rate of discharge. One cubic foot per second is equal to the discharge of a stream 1 foot wide and 1 foot deep flowing at an average velocity of 1 foot per second.

Cubic foot per second per square mile [(ft³/s)/mi²]:
A unit expressing average number of cubic feet of water flowing per second from each square mile of area drained.

Darcy's Law: An equation relating the factors controlling ground-water flow. Darcy's law can be expressed as

$$Q = KA \left(\frac{dh}{dl} \right)$$

where Q is the quantity of water per unit of time; K is the hydraulic conductivity, which depends on the size and arrangement of the water-transmitting openings (pores and fractures) and on the dynamic characteristics of the fluid (water) such as kinematic viscosity, density, and the strength of the gravitational field; A is the cross-sectional area, at a right angle to the flow direction, through which the flow occurs; and dh/dl is the hydraulic gradient.

Deposit: Earth material that has accumulated by some natural process.

Dissolved solids: The residue from a clear sample of water after evaporation and drying for 1 hour at 180 °C; consists primarily of dissolved mineral constituents, but may also contain organic matter and water of crystallization.

Drainage area: The area or tract of land, measured in a horizontal plane, that gathers water and contributes it ultimately to some point on a stream channel, lake, reservoir, or other water body.

Drawdown: The lowering of the water table or potentiometric surface caused by the withdrawal of water from an aquifer by pumping; equal to the difference between the static water level and the pumping water level.

Effective grain size: The grain size at which 10 percent of the sample consists of grains smaller than the effective size and 90 percent consists of grains larger than the effective size.

Esker: A long ridge of sand and gravel that was deposited by water flowing in tunnels within or beneath glacial ice.

First quartile: For a set of measurements arranged in order of magnitude, that value at which 25 percent of the measurements are smaller and 75 percent are larger.

Flow duration of a stream: The percentage of time during which specified discharges are equaled or exceeded within a given time period. In this report, flow duration refers to mean daily discharges for the entire period of record at streamflow-gaging stations of interest.

Fluvial: Pertaining to the flow of liquid water in the natural environment.

Fracture: A break, crack, or opening in bedrock along which water can flow.

Glacial lake: A lake that derives much or all of its water from the melting of glaciers. In this study area, it refers to areas where such lake water was dammed by glacial ice and (or) topographic features.

Glaciolacustrine: Pertaining to deposits in glacial lakes; especially deposits such as deltas and varved sediments, composed of material brought by meltwater streams flowing into lakes bordering the glacier.

Gneiss: A coarse-grained metamorphic rock characterized by alternating bands of granular and micaceous minerals.

Granite: A coarse-grained, light-colored igneous rock.

Gravel: Unconsolidated rock debris composed principally of particles with a median diameter larger than 2 millimeters.

Ground water: Water beneath the water table in soils or geologic formations that are fully saturated.

Ground-water discharge: The discharge of water from the saturated zone by (1) natural processes such as ground-water seepage into stream channels and ground-water evapotranspiration and (2) discharge through wells and other man-made structures.

Ground-water divide: A ridge in the water table or other potentiometric surface from which the ground water, represented by that surface, moves away in both directions.

Ground-water recharge: Water that is added to the saturated zone of an aquifer.

Ground-Water Site Inventory (GWSI): A computerized data storage and retrieval system maintained by the U.S. Geological Survey that contains information about wells and springs collected throughout the United States.

Head, static: The height of the surface of a water column above a standard datum that can be supported by the static pressure at a given point.

Hydraulic conductivity (K): A measure of the ability of a porous medium to transmit a fluid; it can be expressed in mathematically reduced form as unit length per unit time. It is the volume of water at the prevailing kinematic viscosity that will move in a unit time under a unit hydraulic gradient through a unit area at right angles to the direction of flow.

Hydraulic gradient: The change in static head per unit of distance in a given direction. If not specified, the direction is generally understood to be that of the maximum rate of decrease in head.

Hydrograph: A graph showing stage (height), flow velocity, or other property of water with respect to time.

Ice-contact deposits: Stratified drift deposited in contact with melting glacial ice. Landforms include eskers, kames, kame terraces, and grounding-line deltas.

Igneous: Descriptive term for rocks or minerals solidified from molten or partially molten material; that is, from a magma, such as basalt or granite.

Induced infiltration: The process by which water infiltrates an aquifer from an adjacent surface-water body in response to pumping.

Kame: A low mound, knob, hummock, or short irregular ridge composed of stratified sand and gravel deposited by glacial meltwater; the precise mode of formation is uncertain.

Kame terrace: A terracelike ridge consisting of stratified sand and gravel formed as a glaciofluvial deposit between a melting glacier or stagnant ice lobe and a higher valley wall, left standing after the disappearance of the ice.

Lacustrine: Pertaining to lake environments. In this study, it refers to areas associated with glacial-lake environments.

Lodgement till: A firm, compact clay-rich till deposited beneath a moving glacier, containing abraided stones oriented, in general, with their long axes parallel to the direction of ice movement.

Mean (arithmetic): The sum of the individual values of a set, divided by their total number; also referred to as the "average."

Median: The middle value of a set of measurements that are ordered from lowest to highest, 50 percent of the measurements are smaller than the median and 50 percent are larger.

Metamorphic: Descriptive term for rocks such as gneiss and schist, which have formed, in the solid state, from other rocks.

Microgram(s) per liter ($\mu\text{g/L}$): A unit expressing the concentration of chemical constituents in solution as the mass (micrograms) of a constituent per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one milligram per liter.

Milligram(s) per liter (mg/L): A unit for expressing the concentration of chemical constituents in solution as the mass (milligrams) of a constituent per unit volume (liter) of water.

Morphosequence: A sequence of glacial recessional deposits that begins with ice-proximal deposits (eskers, kames) and grades to ice-distal deposits (deltas, outwash plains), marking the retreating positions of the last ice sheet in New England.

Outwash: Stratified deposits chiefly of sand and gravel removed or "washed out" from a glacier by meltwater streams and deposited beyond the margin of a glacier. Usually deposited as flat or gently sloping outwash plains.

Outwash deltas: Deltas formed beyond the margin of the glacier where glacial meltwater entered a water body.

pH: The negative logarithm of the hydrogen-ion activity. A pH of 7.0 indicates neutrality; values below 7.0 denote an acidic solution or condition, and those above 7.0 denote an alkaline solution or condition.

Phi grade scale: A logarithmic transformation of the Wentworth grade scale based on the negative logarithm to the base 2 of the particle diameter, in millimeters (4 mm = -2 phi, 2 mm = -1 phi, 1 mm = 0 phi, 0.5 mm = 1 phi, and so on).

- Porosity:** The property of a rock or unconsolidated deposit that is a measure of the size and number of internal voids or open spaces; it may be expressed quantitatively as the ratio of the volume of its open spaces to its total volume.
- Potentiometric surface:** A surface which represents static head. As related to an aquifer, it is defined by the levels to which water will rise in tightly cased wells. The water table is a particular potentiometric surface.
- Precipitation:** The discharge of water from the atmosphere, either in a liquid or solid state.
- Quartzite:** A metamorphic rock consisting mainly of quartz and formed by recrystallization of quartz.
- Runoff:** That part of the precipitation that appears in streams. It is the same as streamflow unaffected by artificial diversions, storage, or other human activities in or on the stream channels.
- Saturated thickness (of stratified drift):** Thickness of stratified drift extending down from the water table to the till or bedrock surface.
- Saturated zone:** The subsurface zone in which all open (interconnected) spaces are filled with water. Water below the water table, the upper limit of the saturated zone, is under pressure that is greater than atmospheric pressure.
- Schist:** A metamorphic rock with subparallel orientation of the visible micaceous minerals, which dominate its composition.
- Sediment:** Fragmental material that originates from the weathering of rocks. It can be transported by, suspended in, or deposited by water.
- Slate:** A compact, fine-grained metamorphic rock that is platy and formed from shale.
- Specific yield:** Ratio of the volume of water that a given mass of saturated rock or soil will yield by gravity from that mass.
- Standard deviation:** A measure of the amount of variability within a sample; it is the square root of the sample variance or the average of the squares of the deviations about the arithmetic mean of a set of data.
- Storage coefficient:** The volume of water an aquifer releases from or takes into storage per unit surface area of the aquifer per unit change in head. In an unconfined aquifer, the storage coefficient is virtually equal to the specific yield.
- Stratified drift:** Sorted and layered unconsolidated material deposited in meltwater streams flowing from glaciers or settled from suspension in quiet-water bodies fed by meltwater streams.
- Surficial geology:** The study of or distribution of unconsolidated deposits at or near the land surface.
- Third quartile:** For a set of measurements arranged in order of magnitude, that value where 75 percent of the measurements are smaller than the value and 25 percent are larger.
- Till:** A predominantly nonsorted, nonstratified sediment deposited directly by a glacier and composed of boulders, gravel, sand, silt and clay mixed in various proportions.
- Transmissivity:** The rate at which water at the prevailing kinematic viscosity is transmitted through a unit width of aquifer under a unit hydraulic gradient. Equal to the average hydraulic conductivity times the saturated thickness.
- Unconfined aquifer (water-table aquifer):** An aquifer only partly filled with water. In such aquifers, the water is unconfined in that the water table or upper surface of the saturated zone is at atmospheric pressure and is free to rise and fall.
- Unsaturated zone:** The zone between the water table and the land surface in which the open spaces are not completely filled with water.
- Water table:** The upper surface of the saturated zone. Water at the water table is at atmospheric pressure. The water table is a particular potentiometric surface.
- Yield:** An amount of water potentially available for water supply; in this study, "yield" refers to water wells.

APPENDIX A

Appendix A.--Description of selected wells and borings

Local site number: First two characters are U.S. Geological Survey town code. Third character indicates--
A, auger hole; B, highway bridge boring; W, well. The numbers are sequential numbers for each town.

Latitude, longitude: Accurate within 5 seconds.

Method of construction: B, bored or augered; C, cable tool; D, dug; W, drive and wash; Z, other.

Elevation: Elevations are expressed in feet above National Geodetic Vertical Datum of 1929; those in whole feet are interpolated from U.S. Geological Survey topographic maps and are accurate to plus or minus half the contour interval of the map (5 to 10 feet); those in tenths of feet are instrumentally determined.

Depth of hole: Depth drilled in feet below land-surface datum.

Depth of well: Depth of well in feet below land-surface datum.

Depth to refusal: Depth to refusal on bedrock, in till, or on large boulders.

Primary aquifer code: Primary aquifer code of well or boring; codes for geologic ages and materials are listed below.

110SDMN, Quaternary sediment, undifferentiated
111ALVM, Holocene alluvium
112OTSH, Pleistocene outwash
112LCSR, Pleistocene lacustrine deposits
112SRFD, Pleistocene stratified drift
112TILL, Pleistocene till
BEDROCK, Bedrock

Casing material code: P, Polyvinyl chloride or plastic; S, steel; R, rock or stone.

Depth to bottom of casing: Depth to the bottom of casing, in feet below land surface datum (for wells where Primary aquifer code' is BEDROCK, the depth to the bottom of casing can be used to indicate the depth to the bedrock surface).

Water level: Water level, in feet below land-surface datum; mm-dd-yy is month-day-year.

Use: Use of water codes are as follows: C, commercial; H, domestic; P, public; N, industrial; T, institutional; U, unused; Z, other.

Name of driller or New Hampshire Water Resources Division driller number: NH HWY DEPT, New Hampshire Highway Department; NHWRD, New Hampshire Water Resources Division; USGS, U.S. Geological Survey.

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
Hillsborough County									
Bedford									
BIA 1	425450	0712829	Evans, Helen	1988	B	--	20	--	20
BIA 2	425455	0712727	State of New Hampshire	1989	B	150	30	--	30
BIA 3	425601	0712806	State of New Hampshire	1989	B	190	43	--	43
BIA 4	425753	0712833	State of New Hampshire	1989	B	190	62	--	62
BIB 1	425711	0712842	NH Department of Transportation	1958	--	160	25	--	34
BIB 2	425707	0712825	NH Department of Transportation	1954	--	140	25	--	--
BIB 3	425704	0712825	NH Department of Transportation	--	--	170	19	--	19
BIB 4	425703	0712825	NH Department of Transportation	1958	--	160	51	--	51
BIB 5	425649	0712740	NH Department of Transportation	--	--	140	57	--	--
BIB 6	425735	0712948	NH Department of Transportation	1958	--	240	81	--	--
BIB 8	425800	0713021	NH Department of Transportation	1964	--	240	12	--	12
BIB 9	425631	0713139	NH Department of Transportation	1979	--	240	6	--	--
BIB 10	425705	0712841	NH Department of Transportation	1959	--	157	54	--	--
BIB 11	425655	0712822	NH Department of Transportation	1959	--	164	39	--	39
BIB 12	425650	0712820	NH Department of Transportation	1959	--	172	15	--	15
BIW 4	425814	0713040	New Hampshire	1965	W	240	9.0	9.0	--
BIW 8	425722	0713249	--	--	--	346	12.5	12.5	--
BIW 11	425448	0712832	Evans, Helen	1988	B	--	44	40	44
BIW 12	425542	0712900	Hunt, J.	1989	B	180	68	60	68
BIW 14	425756	0712958	St. Josephs Cemetary	1989	B	260	76	60	76
BIW 17	425732	0712955	State of New Hampshire	1989	B	230	75	40	75
BIW 18	425641	0712921	Bedford, Town of	1989	B	240	39	30	--
BIW 19	425440	0713039	Bedford, Town of	1989	B	280	50.5	50	51
BIW 81	425550	0712940	H & M Const	1984	Z	230	--	305	--
BIW 83	425705	0713003	Chiocca & Assoc	1984	C	250	--	142	--
BIW 85	425420	0713148	Foxwood Homes Inc	1984	Z	230	--	145	--
BIW 90	425422	0713147	Bayberry Homes	1984	Z	230	--	125	--
BIW 93	425824	0713059	Bisson	1984	Z	270	--	240	--
BIW 98	425440	0713144	JCH Const	1984	Z	230	--	160	--
BIW 100	425614	0713053	Town of Bedford	1984	Z	250	--	320	--
BIW 112	425605	0712933	Karoutsos Const	1984	Z	230	--	300	--
BIW 114	425628	0712908	Manchester Country Club	1984	Z	220	--	300	--
BIW 115	425523	0713059	Peck	1984	Z	240	--	400	--
BIW 137	425701	0712951	Hughes	1984	Z	260	--	145	--
BIW 141	425709	0713001	Couture Bros	1984	Z	240	--	305	--
BIW 144	425706	0713005	Chiocca & Associates	1984	C	250	--	388	--
BIW 146	425605	0713258	Urban	1984	Z	320	--	270	--
BIW 154	425359	0713324	A.J. Lambert	1984	Z	250	--	400	--
BIW 176	425418	0713321	Flynn, N.	1985	Z	250	--	600	--
BIW 178	425615	0712834	Moren, G.	1984	Z	240	--	407	--

wells and borings
available]

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level Depth (feet)	Date (mm-dd-yy)	Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
Hillsborough County										
Bedford										
BIA 1	112SRFD	--	--	--	--	--	--	U	--	USGS
BIA 2	112SRFD	--	--	--	--	--	--	--	--	USGS
BIA 3	112SRFD	--	--	--	--	--	--	--	--	USGS
BIA 4	112SRFD	--	--	--	--	--	--	--	--	USGS
BIB 1	--	--	--	--	--	--	--	--	--	--
BIB 2	--	--	--	--	--	--	--	--	--	--
BIB 3	--	--	--	--	--	--	--	--	--	--
BIB 4	--	--	--	--	--	--	--	--	--	--
BIB 5	--	--	--	--	--	--	--	--	--	--
BIB 6	--	--	--	--	--	--	--	--	--	--
BIB 8	--	--	--	--	--	--	--	--	--	--
BIB 9	--	--	--	--	--	--	--	--	--	--
BIB 10	--	--	--	--	--	--	--	--	--	--
BIB 11	--	--	--	--	--	--	--	--	--	--
BIB 12	--	--	--	--	--	--	--	--	--	--
BIW 4	112LCSR	2	S	7	7.00	4.00	02-01-67	U	--	NH HWY DEPT
BIW 8	--	--	--	--	--	5.9	04-18-86	U	--	--
BIW 11	112SRFD	2	--	37.5	37.5	20.4	12-06-88	U	--	USGS
BIW 12	112SRFD	2	P	57.5	57.5	45.9	03-28-90	U	--	USGS
BIW 14	112SRFD	2	P	57.5	57.5	29.4	08-31-89	U	--	USGS
BIW 17	112SRFD	2	P	37.5	37.5	13.5	08-31-89	U	--	USGS
BIW 18	112SRFD	2	P	27.5	27.5	15.9	03-28-90	U	--	USGS
BIW 19	112SRFD	2	P	47.5	47.5	3.31	08-31-89	U	--	USGS
BIW 81	BEDROCK	--	--	49.0	--	20.0	02-21-84	H	4.00	NHWRD 208
BIW 83	BEDROCK	--	--	38.0	--	--	--	H	8.00	NHWRD 65
BIW 85	BEDROCK	--	--	34.0	--	15.0	03-12-84	H	1.00	NHWRD 59
BIW 90	BEDROCK	--	--	29.0	--	--	--	H	2.50	NHWRD 59
BIW 93	BEDROCK	--	--	40.0	--	--	--	H	4.00	NHWRD 327
BIW 98	BEDROCK	--	--	30.0	--	--	--	H	4.00	NHWRD 327
BIW 100	BEDROCK	--	--	99.0	--	--	--	Z	1.00	NHWRD 327
BIW 112	BEDROCK	--	--	40.0	--	8.0	07-19-84	H	30.0	NHWRD 327
BIW 114	BEDROCK	--	--	96.0	--	--	--	C	8.50	NHWRD 327
BIW 115	BEDROCK	--	--	40.0	--	--	--	H	2.50	NHWRD 327
BIW 137	BEDROCK	--	--	20.0	--	--	--	H	15.0	NHWRD 1
BIW 141	BEDROCK	--	--	37.0	--	--	--	H	8.00	NHWRD 59
BIW 144	BEDROCK	--	--	41.0	--	18.0	10-15-84	H	20.0	NHWRD 65
BIW 146	BEDROCK	--	--	59.0	--	--	--	H	12.0	NHWRD 327
BIW 154	BEDROCK	--	--	19.0	--	25.0	10-12-84	H	30.0	NHWRD 327
BIW 176	BEDROCK	--	--	40.0	--	--	--	H	2.00	NHWRD 327
BIW 178	BEDROCK	--	--	19.0	--	12.0	10-22-84	H	1.33	NHWRD 344

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
Hillsborough County--Continued									
Bedford--Continued									
BIW 188	425618	0712851	O'Reilly, J.	1985	Z	240	--	700	--
BIW 195	425400	0713326	Foxwood Homes Incorporated	1985	Z	240	--	140	--
BIW 199	425356	0713322	Foxwood Homes Incorporated	1985	Z	230	--	378	--
BIW 202	425557	0713300	Normond, A.	1984	Z	300	--	235	--
BIW 203	425557	0713257	Normond, A.	1984	Z	310	--	265	--
BIW 211	425600	0712928	Karoutsas Roofing & Siding	1984	Z	225	--	235	--
BIW 219	425619	0712946	Silberberg, G.	1984	C	230	--	140	--
BIW 229	425627	0713138	Clement, D.	1985	Z	240	--	340	--
BIW 257	425634	0713132	Doherty, K.	1985	Z	250	--	180	--
BIW 258	425549	0713115	Hebert	1985	Z	230	--	440	--
BIW 259	425551	0713117	Apple Construction	1985	Z	230	--	220	--
BIW 268	425610	0712820	Schell, O.	1985	Z	220	--	100	--
BIW 277	425657	0712953	Chiocca Associates	1985	C	250	--	198	--
BIW 281	425405	0713331	Foxwood Homes Incorporated	1985	Z	220	--	220	--
BIW 291	425502	0713053	Moore, A.	1985	Z	210	--	190	--
BIW 306	425612	0713138	French, H.	1985	Z	250	--	200	--
BIW 310	425451	0712858	Merrill, F.	1985	Z	220	--	205	--
BIW 314	425722	0713003	Wang Building	1985	Z	240	--	800	--
BIW 317	425632	0712926	Langer, J.	1985	Z	225	--	100	--
BIW 326	425401	0713327	Foxwood Homes Incorporated	1985	Z	230	--	140	--
BIW 330	425722	0713022	New Eng Comm Group Incorporated	1985	Z	250	--	220	--
BIW 331	425545	0713118	Despathy	1985	Z	240	--	187	--
BIW 333	425401	0713329	Foxwood Homes Incorporated	1985	Z	220	--	140	--
BIW 353	425404	0713330	Petrin	1986	Z	220	--	420	--
BIW 355	425547	0713116	Apple Construction	1985	Z	230	--	140	--
BIW 357	425419	0713319	Foxwood Homes Incorporated	1985	Z	250	--	500	--
BIW 358	425403	0713330	Foxwood Homes Incorporated	1985	Z	220	--	140	--
BIW 378	425448	0712856	Delaney, J.	1984	Z	220	--	150	--
BIW 386	425506	0713258	Higgins, B.	1985	Z	290	--	250	--
BIW 387	425451	0712842	Bongiardina, J.	1985	Z	210	--	125	--
BIW 416	425553	0712927	Karoutsas Roofing & Siding	1986	Z	225	--	420	--
BIW 418	425555	0712923	Karoutsas Roofing & Siding	1986	Z	225	--	295	--
BIW 448	425629	0712921	Parkview Construction	1986	Z	220	--	260	--
BIW 457	425430	0712836	Tri City Construction	1986	Z	230	--	325	--
BIW 458	425432	0712836	Tri City Construction	1986	Z	220	--	165	--
BIW 460	425452	0712853	Sadais, M.	1986	Z	215	--	525	--
BIW 481	425458	0712928	Fitzgerald, G.	1986	Z	260	--	404	--
BIW 497	425703	0712932	Matta, L.	1986	Z	230	--	322	--
BIW 512	425540	0712936	Parkland Construction	1986	Z	250	--	305	--
BIW 531	425726	0712947	Alpha Realty	1986	Z	230	--	445	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level		Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
						Depth (feet)	Date (mm-dd-yy)			
Hillsborough County--Continued										
Bedford--Continued										
BIW 188	BEDROCK	--	--	19.0	--	--	--	H	2.00	NHWRD 413
BIW 195	BEDROCK	--	--	19.0	--	--	--	H	6.00	NHWRD 327
BIW 199	BEDROCK	--	--	40.0	--	--	--	H	6.00	NHWRD 327
BIW 202	BEDROCK	--	--	20.0	--	12.0	11-16-84	H	20.0	NHWRD 1
BIW 203	BEDROCK	--	--	20.0	--	10.0	11-18-84	H	3.00	NHWRD 1
BIW 211	BEDROCK	--	--	83.0	--	--	--	H	7.00	NHWRD 1
BIW 219	BEDROCK	--	--	39.0	--	--	--	H	35.0	NHWRD 6
BIW 229	BEDROCK	--	--	40.0	--	30.0	05-23-85	H	25.0	NHWRD 327
BIW 257	BEDROCK	--	--	42.0	--	--	--	H	6.00	NHWRD 327
BIW 258	BEDROCK	--	--	36.0	--	--	--	H	15.0	NHWRD 327
BIW 259	BEDROCK	--	--	40.0	--	--	--	H	20.0	NHWRD 327
BIW 268	BEDROCK	--	--	46.0	--	--	--	H	50.0	NHWRD 177
BIW 277	BEDROCK	--	--	29.0	--	19.0	08-27-85	H	20.0	NHWRD 65
BIW 281	BEDROCK	--	--	29.0	--	--	--	H	20.0	NHWRD 327
BIW 291	BEDROCK	--	--	40.0	--	--	--	H	30.0	NHWRD 1
BIW 306	BEDROCK	--	--	28.0	--	16.0	10-02-85	H	50.0	NHWRD 327
BIW 310	BEDROCK	--	--	59.0	--	20.0	10-12-85	H	150	NHWRD 243
BIW 314	BEDROCK	--	--	37.0	--	21.0	04-01-85	C	8.50	NHWRD 327
BIW 317	BEDROCK	--	--	92.0	--	30.0	10-09-85	H	100	NHWRD 327
BIW 326	BEDROCK	--	--	40.0	--	--	--	H	7.50	NHWRD 327
BIW 330	BEDROCK	--	--	40.0	--	--	--	C	60.0	NHWRD 327
BIW 331	BEDROCK	--	--	40.0	--	--	--	H	15.0	NHWRD 327
BIW 333	BEDROCK	--	--	19.0	--	--	--	H	20.0	NHWRD 327
BIW 353	BEDROCK	--	--	40.0	--	--	--	H	3.00	NHWRD 327
BIW 355	BEDROCK	--	--	39.0	--	--	--	H	20.0	NHWRD 327
BIW 357	BEDROCK	--	--	40.0	--	--	--	H	3.00	NHWRD 327
BIW 358	BEDROCK	--	--	40.0	--	--	--	H	15.0	NHWRD 327
BIW 378	BEDROCK	--	--	41.0	--	--	--	H	25.0	NHWRD 192
BIW 386	BEDROCK	--	--	41.0	--	20.0	12-19-85	H	2.00	NHWRD 105
BIW 387	BEDROCK	--	--	24.0	--	11.0	11-17-85	H	12.0	NHWRD 105
BIW 416	BEDROCK	--	--	78.0	--	--	--	H	6.00	NHWRD 1
BIW 418	BEDROCK	--	--	151	--	--	--	H	20.0	NHWRD 1
BIW 448	BEDROCK	--	--	167	--	--	--	H	5.00	NHWRD 406
BIW 457	BEDROCK	--	--	38.0	--	--	--	H	1.00	NHWRD 105
BIW 458	BEDROCK	--	--	32.0	--	6.0	04-15-86	H	4.50	NHWRD 105
BIW 460	BEDROCK	--	--	51.0	--	50.0	05-07-86	H	10.0	NHWRD 549
BIW 481	BEDROCK	--	--	20.0	--	--	--	H	.75	NHWRD 315
BIW 497	BEDROCK	--	--	51.0	--	--	--	H	3.00	NHWRD 406
BIW 512	BEDROCK	--	--	19.0	--	30.0	06-14-86	H	6.00	NHWRD 521
BIW 531	BEDROCK	--	--	91.0	--	25.0	10-15-86	H	20.0	NHWRD 59

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
Hillsborough County--Continued									
Bedford--Continued									
BIW 538	425606	0713028	Pieczarka, R.	1986	Z	240	--	205	--
BIW 542	425548	0712905	Messina	1984	Z	230	--	245	--
BIW 543	425546	0712904	O'Brien, B.	1985	Z	220	--	585	--
BIW 547	425528	0712800	Englewood Common	1986	Z	210	--	380	--
BIW 559	425710	0712919	Saxton, W.	1986	Z	220	--	320	--
BIW 560	425510	0713254	Dion, P.	1986	Z	290	--	230	--
BIW 561	425504	0713301	Dion, P.	1986	Z	290	--	250	--
BIW 582	425718	0712944	RE Cooke Company	1986	Z	200	--	400	--
BIW 585	425548	0712921	Pontell, P.	1986	Z	220	--	755	--
BIW 602	425724	0712925	Pidela Corporation	1986	Z	220	--	600	--
BIW 609	425505	0712854	Samson Construction, C.	1986	Z	230	--	400	--
BIW 613	425502	0712857	Samson Construction, C.	1986	Z	230	--	400	--
BIW 631	425659	0712955	Hawthorne Construction	1986	Z	250	--	205	--
BIW 652	425623	0712844	Paradise, R.	1987	Z	240	--	805	--
BIW 653	425606	0713032	Rioux, M.	1986	Z	240	--	245	--
BIW 654	425703	0712905	Charles Howard III	1985	Z	230	--	430	--
BIW 658	425718	0712952	Harrington	1986	Z	220	--	605	--
BIW 662	425410	0713248	Martin, K.	1987	Z	260	--	130	--
BIW 665	425719	0712929	Couture Brothers	1987	Z	180	--	305	--
BIW 668	425553	0712836	LaChance, E.	1987	Z	220	--	380	--
BIW 669	425554	0712834	Kissell, E.	1987	Z	220	--	340	--
BIW 700	425634	0713134	Noyes, A.	1987	Z	250	--	260	--
BIW 704	425640	0712942	Rzasa, R.	1987	Z	230	--	220	--
BIW 713	425515	0712911	Apple Construction	1987	Z	220	--	340	--
BIW 727	425538	0712834	Woodcrest Homes	1987	Z	210	--	280	--
BIW 737	425521	0712751	Brentwood Structures	1987	Z	190	--	540	--
BIW 746	425636	0713133	Doherty, K.	1987	Z	270	--	300	--
BIW 751	425605	0713128	Clark, B.	1987	Z	240	--	240	--
BIW 761	425600	0712747	Pine Tree Builders	1988	Z	190	--	260	--
BIW 767	425536	0712836	Rush Jr, R.	1988	Z	210	--	220	--
BIW 783	425611	0712830	Paul, V.	1988	Z	220	--	405	--
BIW 794	425455	0712752	State of NH	1988	Z	190	--	300	--
BIW 800	425513	0713250	S & G Devel Company	1987	Z	290	--	185	--
BIW 819	425603	0713035	Reo Construction	1988	Z	240	--	155	--
BIW 824	425503	0712921	Samson, C.	1988	Z	230	--	262	--
BIW 825	425501	0712912	Samson, C.	1988	Z	220	--	366	--
BIW 826	425504	0712914	Samson, C.	1988	Z	220	--	355	--
BIW 827	425502	0712921	Samson, C.	1988	Z	230	--	346	--
BIW 830	425612	0712912	Newell, T.	1987	D	240	--	16.0	--
BIW 850	425508	0713100	Melendey, L.	1989	Z	210	--	200	--
BIW 858	425714	0712925	Cotton, R.	1986	Z	240	--	305	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level Depth (feet)	Water level Date (mm-dd-yy)	Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
Hillsborough County--Continued										
Bedford--Continued										
BIW 538	BEDROCK	--	--	35.0	--	20.0	09-04-86	H	20.0	NHWRD 327
BIW 542	BEDROCK	--	--	87.0	--	--	--	H	7.00	NHWRD 522
BIW 543	BEDROCK	--	--	80.0	--	--	--	H	.25	NHWRD 522
BIW 547	BEDROCK	--	--	19.0	--	15.0	05-08-86	N	12.0	NHWRD 413
BIW 559	BEDROCK	--	--	89.0	--	--	--	H	12.0	NHWRD 143
BIW 560	BEDROCK	--	--	20.0	--	10.0	10-08-86	H	15.0	NHWRD 126
BIW 561	BEDROCK	--	--	61.0	--	20.0	10-09-86	H	20.0	NHWRD 126
BIW 582	BEDROCK	--	--	100	--	--	--	H	8.50	NHWRD 327
BIW 585	BEDROCK	--	--	--	--	--	--	H	2.00	NHWRD 327
BIW 602	BEDROCK	--	--	159	--	--	--	H	3.00	NHWRD 143
BIW 609	BEDROCK	--	--	33.0	--	--	--	H	4.00	NHWRD 1
BIW 613	BEDROCK	--	--	33.0	--	--	--	H	3.00	NHWRD 1
BIW 631	BEDROCK	--	--	29.0	--	5.0	06-16-86	H	15.0	NHWRD 59
BIW 652	BEDROCK	--	--	20.0	--	--	--	H	1.00	NHWRD 104
BIW 653	BEDROCK	--	--	9.0	--	--	--	H	75.0	NHWRD 522
BIW 654	BEDROCK	--	--	86.0	--	--	--	H	30.0	NHWRD 104
BIW 658	BEDROCK	--	--	40.0	--	--	--	H	25.0	NHWRD 104
BIW 662	BEDROCK	--	--	20.0	--	20.0	03-20-87	H	8.00	NHWRD 549
BIW 665	BEDROCK	--	--	72.0	--	20.0	04-23-87	H	12.0	NHWRD 59
BIW 668	BEDROCK	--	--	80.0	--	30.0	03-30-87	H	25.0	NHWRD 327
BIW 669	BEDROCK	--	--	70.0	--	30.0	03-17-87	H	25.0	NHWRD 327
BIW 700	BEDROCK	--	--	40.0	--	10.0	06-19-87	H	20.0	NHWRD 327
BIW 704	BEDROCK	--	--	55.0	--	--	--	H	15.0	NHWRD 327
BIW 713	BEDROCK	--	--	27.0	--	5.0	05-29-87	H	8.50	NHWRD 327
BIW 727	BEDROCK	--	--	204	--	--	--	H	20.0	NHWRD 104
BIW 737	BEDROCK	--	--	19.0	--	25.0	06-24-87	H	20.0	NHWRD 413
BIW 746	BEDROCK	--	--	40.0	--	--	--	H	5.00	NHWRD 327
BIW 751	BEDROCK	--	--	19.0	--	--	--	H	25.0	NHWRD 143
BIW 761	BEDROCK	--	--	80.0	--	--	--	H	5.00	NHWRD 327
BIW 767	BEDROCK	--	--	167	--	--	--	H	30.0	NHWRD 327
BIW 783	BEDROCK	--	--	37.0	--	7.0	04-08-88	H	2.50	NHWRD 105
BIW 794	BEDROCK	--	--	99.0	--	--	--	C	10.0	NHWRD 63
BIW 800	BEDROCK	--	--	39.0	--	20.0	07-19-87	H	4.00	NHWRD 208
BIW 819	BEDROCK	--	--	24.0	--	10.0	09-08-88	H	12.0	NHWRD 126
BIW 824	BEDROCK	--	--	19.0	--	30.0	10-17-88	H	35.0	NHWRD 344
BIW 825	BEDROCK	--	--	27.0	--	22.0	10-28-88	H	5.00	NHWRD 344
BIW 826	BEDROCK	--	--	32.0	--	32.0	11-03-88	H	20.0	NHWRD 344
BIW 827	BEDROCK	--	--	19.0	--	20.0	11-21-88	H	12.0	NHWRD 344
BIW 830	112SRFD	--	--	17.0	--	3.0	07-01-87	Z	--	NHWRD 93
BIW 850	BEDROCK	--	--	39.0	--	--	--	H	30.0	NHWRD 299
BIW 858	BEDROCK	--	--	89.0	--	--	--	H	--	NHWRD 243

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
Hillsborough County--Continued									
Bedford--Continued									
BIW 860	425724	0712950	Jones, G.	1986	Z	220	--	280	--
BIW 861	425723	0712944	Garren Corporation	1986	Z	220	--	655	--
BIW 863	425716	0712928	Hawthorne Construction	1986	Z	190	--	330	--
BIW 864	425728	0712948	Roy, R.	1986	Z	230	--	355	--
BIW 866	425827	0713052	Goffstown Trucking Center	1984	C	250	--	165	--
Deering									
DEW 3	430558	0715250	Grund	--	--	780	--	365	--
DEW 13	430630	0714942	Marcelle, V.	1984	C	900	--	193	--
DEW 27	430432	0714858	Reade, D.	1986	Z	820	--	305	--
DEW 28	430343	0714920	Pelletier, G.	1986	Z	880	--	120	--
DEW 42	430347	0714807	--	1987	Z	760	--	400	--
DEW 43	430343	0714805	Trembley, R. & C.	1987	Z	740	--	240	--
DEW 44	430345	0714806	Finn, T. & P.	1987	Z	760	--	400	--
DEW 48	430341	0714805	Perreault, J.	1988	Z	730	--	300	--
DEW 50	430505	0714824	Skoglund, W.	1988	Z	700	--	490	--
DEW 52	430341	0714810	Hill Country Associates	1988	Z	720	--	400	--
DEW 54	430339	0714813	Hill Country Associates	1988	Z	720	--	700	--
DEW 56	430337	0714804	Hill Country Associates	1988	Z	700	--	260	--
Francestown									
FCW 1	430021	0714914	Todd	--	D	790	--	--	--
FCW 2	430039	0714941	Cilley, George	1988	--	810	14.9	14.9	--
FCW 3	425744	0714613	State of New Hampshire	1988	B	600	63	20	63
FCW 24	425728	0714557	Jordon, B.	1985	Z	600	--	383	--
FCW 25	425729	0714545	Pokornicki, S.	1986	Z	610	--	505	--
FCW 27	425745	0714511	Higgins, S.	1988	Z	600	--	220	--
FCW 34	425821	0715027	MurDough, D.	1986	Z	840	--	450	--
FCW 35	425825	0714909	Saarela, C.	1985	Z	740	--	205	--
FCW 37	425833	0715039	Linell, C.	1987	Z	860	--	340	--
FCW 38	425834	0715043	Linell, C.	1985	Z	880	--	340	--
FCW 39	425835	0714933	Weiser	1985	C	760	--	150	--
FCW 40	425845	0714932	Matthews	1987	Z	740	--	280	--
FCW 43	425854	0714935	Ludwig, T.	1987	C	780	--	120	--
FCW 44	425902	0714907	Robinson, N.	1988	C	700	--	210	--
FCW 46	425924	0714540	Margerum, G.	1984	Z	640	--	275	--
FCW 47	425927	0714832	James, R.	1986	Z	740	--	275	--
FCW 50	425932	0714932	Quinn, R.	1984	Z	960	--	240	--
FCW 54	425942	0714934	McGrath, A.	1987	Z	880	--	255	--
FCW 72	430044	0715151	Paige, G.	1985	C	980	--	203	--
FCW 73	430047	0715137	Pierson, R.	1985	Z	980	--	403	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level Depth (feet)	Date (mm-dd-yy)	Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
Hillsborough County--Continued										
Bedford--Continued										
BIW 860	BEDROCK	--	--	103	--	--	--	H	3.50	NHWRD 243
BIW 861	BEDROCK	--	--	109	--	--	--	H	24.0	NHWRD 243
BIW 863	BEDROCK	--	--	66.0	--	--	--	H	75.0	NHWRD 243
BIW 864	BEDROCK	--	--	92.0	--	--	--	H	100	NHWRD 243
BIW 866	BEDROCK	--	--	19.0	--	7.0	10-03-84	C	20.0	NHWRD 6
Deering										
DEW 3	BEDROCK	--	--	--	--	--	--	H	.8	--
DEW 13	BEDROCK	--	--	20.0	--	--	--	H	6.00	NHWRD 113
DEW 27	BEDROCK	--	--	139	--	--	--	H	5.00	NHWRD 208
DEW 28	BEDROCK	--	--	28.0	--	--	--	H	30.0	NHWRD 63
DEW 42	BEDROCK	--	--	104	--	--	--	H	2.00	NHWRD 249
DEW 43	BEDROCK	--	--	96.0	--	--	--	H	6.00	NHWRD 249
DEW 44	BEDROCK	--	--	99.0	--	--	--	H	4.00	NHWRD 249
DEW 48	BEDROCK	--	--	88.0	--	--	--	H	2.50	NHWRD 249
DEW 50	BEDROCK	--	--	119	--	--	--	H	5.00	NHWRD 1
DEW 52	BEDROCK	--	--	99.0	--	--	--	H	2.75	NHWRD 249
DEW 54	BEDROCK	--	--	140	--	--	--	H	1.75	NHWRD 249
DEW 56	BEDROCK	--	--	60.0	--	--	--	H	2.75	NHWRD 249
Francestown										
FCW 1	110SDMN	--	--	--	--	2.27	05-23-88	U	--	--
FCW 2	110SDMN	--	--	--	--	11.0	05-23-88	H	--	--
FCW 3	112SRFD	2	--	17.5	17.5	13.5	12-06-88	U	--	USGS
FCW 24	BEDROCK	--	--	150	--	--	--	H	15.0	NHWRD 315
FCW 25	BEDROCK	--	--	144	--	8.0	10-08-86	H	1.00	NHWRD 104
FCW 27	BEDROCK	--	--	69.0	--	20.0	04-01-88	H	10.0	NHWRD 413
FCW 34	BEDROCK	--	--	17.0	--	--	--	H	8.00	NHWRD 641
FCW 35	BEDROCK	--	--	106	--	--	--	H	6.00	NHWRD 1
FCW 37	BEDROCK	--	--	119	--	40.0	09-18-87	H	100	NHWRD 63
FCW 38	BEDROCK	--	--	109	--	28.0	10-17-85	H	100	NHWRD 63
FCW 39	BEDROCK	--	--	19.0	--	10.0	12-20-85	H	25.0	NHWRD 548
FCW 40	BEDROCK	--	--	81.0	--	--	--	H	12.0	NHWRD 327
FCW 43	BEDROCK	--	--	20.0	--	8.0	12-03-87	H	15.0	NHWRD 128
FCW 44	BEDROCK	--	--	139	--	20.0	06-27-88	H	8.00	NHWRD 128
FCW 46	BEDROCK	--	--	69.0	--	50.0	07-12-84	H	4.00	NHWRD 315
FCW 47	BEDROCK	--	--	70.0	--	25.0	09-25-86	H	11.0	NHWRD 315
FCW 50	BEDROCK	--	--	119	--	--	--	H	10.0	NHWRD 249
FCW 54	BEDROCK	--	--	51.0	--	--	--	H	25.0	NHWRD 104
FCW 72	BEDROCK	--	--	20.0	--	3.0	03-19-85	H	2.00	NHWRD 548
FCW 73	BEDROCK	--	--	16.0	--	--	--	H	2.00	NHWRD 315

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)	
Hillsborough County--Continued										
Francestown--Continued										
FCW	77	425940	0714845	Caskie	1947	--	800	--	58	--
FCW	79	425910	0714818	Dodge, W.C.	1960	--	700	--	100	--
FCW	81	425901	0714820	Ellis, C.G.	1961	--	720	--	370	--
FCW	82	425902	0714831	Freeze, C.	1961	--	750	--	95	--
FCW	87	425910	0714805	Hopkins, M.G.	1959	--	770	--	106	--
FCW	89	425913	0714832	Ireland, J.W.	1964	--	860	--	105	--
FCW	91	425837	0714917	Kundhart	1957	--	750	--	295	--
FCW	97	425904	0714807	Maretti, T.V.	1961	--	730	--	126	--
FCW	99	425823	0714743	Nutting and Abbott	1957	--	690	--	292	--
FCW	103	425907	0714831	Whittimore, R.E.	1960	--	760	--	105	--
FCW	104	425910	0714814	Wiggin	1950	--	730	--	135	--
FCW	105	425804	0714726	Woodworth	1955	--	700	--	130	--
Goffstown										
GNA	1	430104	0713639	Haefield, J.	1988	B	300	15	--	15
GNA	3	430103	0713621	Goffstown, Town of	1988	B	300	20	--	19
GNB	1	430100	0713259	NH Department of Transportation	1936	--	180	14	--	14
GNB	2	430058	0713300	NH Department of Transportation	1936	--	180	8	--	--
GNB	3	430129	0713746	NH Department of Transportation	1972	--	300	25	--	--
GNB	4	430125	0713318	NH Department of Transportation	1972	--	240	9	--	--
GNW	1	430120	0713703	Goffstown Water Precinct	1956	--	300	--	40.0	--
GNW	2	430117	0713702	Goffstown Water Precinct	1956	--	300	41	41	--
GNW	4	430118	0713702	Goffstown Water Precinct	1988	B	300	44	40	44
GNW	5	430118	0713702	Goffstown Water Precinct	1988	B	300	44	10	--
GNW	6	430118	0713700	Goffstown Water Precinct	1988	B	300	40	10	--
GNW	7	430118	0713700	Goffstown Water Precinct	1988	B	300	40	30	40
GNW	8	430117	0713709	Goffstown Water Precinct	1988	B	300	39	30	39
GNW	9	430117	0713705	Goffstown Water Precinct	1988	B	300	33	30	--
GNW	14	430118	0713742	Parker, Heather	1988	B	300	66	55	66
GNW	15	430112	0713655	Haefield, J.	1988	B	290	54.5	40	55
GNW	16	430111	0713720	Schricker	1988	B	310	49	30	49
GNW	17	430137	0713810	Goffstown, Town of	1988	B	310	62	50	--
GNW	18	430120	0713618	Barnard, R.	1957	--	310	--	93	--
GNW	19	430055	0713600	Karanikas	1960	--	310	--	375	--
GNW	20	425949	0713052	Wenzelicht	1962	--	330	--	200	--
GNW	21	425952	0713057	Therrien	1962	--	320	--	102	--
GNW	22	430111	0713251	Tarr, D.	1960	--	250	--	226	--
GNW	23	430009	0713037	Sprague, W.	1960	--	170	--	147	--
GNW	24	430043	0713016	Santos, J.	1958	--	300	--	92	--
GNW	25	430113	0713326	Graham, J.	1961	--	300	--	102	--
GNW	27	430108	0713526	Belair, I.	1960	--	310	--	100	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level		Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
						Depth (feet)	Date (mm-dd-yy)			
Hillsborough County--Continued										
Franeestown--Continued										
FCW 77	BEDROCK	--	--	31	--	6.5	-- -47	H	--	R.E.Chapman
FCW 79	BEDROCK	--	--	56	--	4	03- -60	H	--	McKenna, J.
FCW 81	BEDROCK	--	--	--	--	40	03- -61	H	--	McKenna, J.
FCW 82	BEDROCK	--	--	--	--	4	04- -61	H	--	McKenna, J.
FCW 87	BEDROCK	--	--	42	--	1	08- -59	H	--	McKenna, J.
FCW 89	BEDROCK	--	--	85	--	15	04- -64	H	--	McKenna, J.
FCW 91	BEDROCK	--	--	226	--	70	-- -57	H	--	R.E.Chapman
FCW 97	BEDROCK	--	--	--	--	10	04- -61	H	--	McKenna, J.
FCW 99	BEDROCK	--	--	16	--	20	08-06-57	H	--	A and B
FCW 103	BEDROCK	--	--	63	--	12	04- -60	H	--	McKenna, J.
FCW 104	BEDROCK	--	--	86	--	14	-- -50	H	--	R.E.Chapman
FCW 105	BEDROCK	--	--	104	--	70	-- -55	H	--	R.E.Chapman
Goffstown										
GNA 1	112SRFD	--	--	--	--	--	--	U	--	USGS
GNA 3	112SRFD	--	--	--	--	--	--	U	--	USGS
GNB 1	--	--	--	--	--	--	--	--	--	--
GNB 2	--	--	--	--	--	--	--	--	--	--
GNB 3	--	--	--	--	--	--	--	--	--	--
GNB 4	--	--	--	--	--	--	--	--	--	--
GNW 1	112OTSH	10.0	S	30	30.0	10.0	09-01-56	P	190	Hancock
GNW 2	112SRFD	12	S	30	30.2	--	--	P	350	Hancock
GNW 4	112SRFD	2	--	37.5	37.5	.54	--	U	--	USGS
GNW 5	112SRFD	2	--	7.5	--	.88	06-06-88	U	--	USGS
GNW 6	112SRFD	2	--	7.5	--	1.11	06-06-88	U	--	USGS
GNW 7	112SRFD	2	--	27.5	27.5	2.28	06-06-88	U	--	USGS
GNW 8	112SRFD	2	--	27.5	27.5	.56	06-06-88	U	--	USGS
GNW 9	112SRFD	2	--	27.5	27.5	.65	06-06-88	U	--	USGS
GNW 14	112SRFD	2	--	50.0	50	4.02	12-06-88	U	--	USGS
GNW 15	112SRFD	2	--	37.5	37.5	6.38	12-06-88	U	--	USGS
GNW 16	112SRFD	2	--	27.5	27.5	14.1	12-06-88	U	--	USGS
GNW 17	112SRFD	2	--	47.5	47.5	19.3	12-06-88	U	--	USGS
GNW 18	BEDROCK	--	--	--	--	--	--	--	--	Dube, O.
GNW 19	BEDROCK	--	--	38	--	--	--	--	--	Pattenaude
GNW 20	BEDROCK	--	--	98	--	--	--	--	--	Dube, R.
GNW 21	BEDROCK	--	--	43	--	--	--	--	--	Kosiba, S.
GNW 22	BEDROCK	--	--	21	--	--	--	--	--	Dube, R.
GNW 23	BEDROCK	--	--	--	--	--	--	--	--	Dube, O.
GNW 24	BEDROCK	--	--	22	--	--	--	--	--	Dube, R.
GNW 25	BEDROCK	--	--	--	--	20	-- -61	--	--	Chandler
GNW 27	BEDROCK	--	--	--	--	--	--	--	--	Dube, O.

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)	
Hillsborough County--Continued										
Goffstown--Continued										
GNW	28	430106	0713259	Thibeault	1962	--	190	--	75	--
GNW	29	430031	0713111	Chatel	1959	--	170	--	101	--
GNW	30	430057	0713053	Langan, J.G.	1959	--	290	--	151	--
GNW	32	430023	0713035	Pinard, N.	1961	--	220	--	117	--
GNW	35	430023	0713123	Caron, I.	1962	--	280	--	102	--
GNW	37	430020	0713027	Coulon, D.	1947	--	330	--	214	--
GNW	38	425951	0713022	Eastman, S.	1958	--	270	--	200	--
GNW	39	425918	0712958	Gentis, A.	1953	--	100	--	100	--
GNW	40	430055	0713629	McKin, E.C.	1946	--	340	--	243	--
GNW	41	430007	0713057	Lussier, L.	1953	--	280	--	90	--
GNW	72	430042	0713121	Martin, M.	1984	Z	180	--	100	--
GNW	75	430043	0713419	Auger, J.	1984	C	310	--	290	--
GNW	78	430009	0713036	Gilbert, M.	1984	Z	190	--	305	--
GNW	95	430009	0713038	Scarlett Homes Incorporated	1986	Z	140	--	295	--
GNW	113	430058	0713109	Burbutsina	1985	Z	280	--	625	--
GNW	122	430049	0713138	LaFrancois, L.	1986	Z	170	--	100	--
GNW	176	430038	0713120	Lizotte, R.	1986	Z	180	--	202	--
GNW	184	430046	0713145	McMaster, R.	1986	Z	170	--	355	--
GNW	204	430050	0713226	Genest, D.	1986	Z	180	--	185	--
GNW	212	430143	0713031	Harrington, S.	1987	Z	300	--	305	--
GNW	241	430055	0713407	Palito Construction	1987	Z	300	--	270	--
GNW	242	430032	0713219	Town of Goffstown	1987	Z	300	--	255	--
GNW	255	425859	0712952	Isabelle, B.	1987	Z	300	--	600	--
Greenfield										
GSW	35	425650	0715052	Peterson, W.	1985	Z	860	--	576	--
GSW	40	425649	0715055	D'Alessandro, P.	1985	Z	860	--	300	--
GSW	61	425621	0714917	Woodbury, P.	1986	Z	940	--	500	--
GSW	66	425619	0714916	McCormack, J.	1987	Z	920	--	200	--
GSW	101	425508	0715038	Greenfield, Town of	1988	B	840	47	35	35
GSW	102	425729	0715031	Cowles, W.	1961	--	830	--	200	--
GSW	104	425654	0715107	Biaha	1962	--	950	--	210	--
GSW	105	425730	0715151	Magoon, F.	1964	--	840	--	145	--
GSW	106	425737	0715143	Peterson, G.	1953	--	840	--	107	--
GVB	1	424634	0714824	N.H. Public Works Highway	1900	--	750	19	--	--
GVB	10	424644	0714834	Greenville, Town of	1915	D	740	18	18	--
Manchester										
MCB	1	430014	0712817	NH Department of Transportation	1967	--	190	--	--	--
MCB	2	430011	0712809	NH Department of Transportation	1967	--	170	10	--	--
MCB	3	425626	0712627	NH Department of Transportation	1947	--	240	37	--	--
MCB	4	425736	0712504	NH Department of Transportation	1934	--	200	18	--	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level Depth (feet)	Date (mm-dd-yy)	Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
Hillsborough County--Continued										
Goffstown--Continued										
GNW 28	BEDROCK	--	--	--	--	0	-- -62	--	--	Chandler
GNW 29	BEDROCK	--	--	60	--	27	12- -59	--	--	Fischer
GNW 30	BEDROCK	--	--	--	--	--	--	--	--	Dube, O.
GNW 32	BEDROCK	--	--	--	--	--	--	--	--	Dube, O.
GNW 35	BEDROCK	--	--	47	--	--	--	--	--	Dube, O.
GNW 37	BEDROCK	--	--	--	--	--	--	--	--	Dube, O.
GNW 38	BEDROCK	--	--	--	--	--	--	--	--	Dube, O.
GNW 39	BEDROCK	--	--	--	--	--	--	--	--	Dube, O.
GNW 40	BEDROCK	--	--	--	--	--	--	--	--	Dube, O.
GNW 41	BEDROCK	--	--	--	--	--	--	--	--	Dube, O.
GNW 72	BEDROCK	--	--	39.0	--	--	--	H	50.0	NHWRD 299
GNW 75	BEDROCK	--	--	39.0	--	--	--	H	6.00	NHWRD 532
GNW 78	BEDROCK	--	--	79.0	--	10.0	11-20-84	H	20.0	NHWRD 63
GNW 95	BEDROCK	--	--	81.0	--	--	--	H	4.00	NHWRD 1
GNW 113	BEDROCK	--	--	144	--	80.0	10-23-85	H	1.00	NHWRD 549
GNW 122	BEDROCK	--	--	41.0	--	6.0	03-06-86	H	60.0	NHWRD 549
GNW 176	BEDROCK	--	--	39.0	--	--	--	H	30.0	NHWRD 406
GNW 184	BEDROCK	--	--	45.0	--	--	--	H	15.0	NHWRD 327
GNW 204	BEDROCK	--	--	19.0	--	--	--	H	50.0	NHWRD 522
GNW 212	BEDROCK	--	--	34.0	--	--	--	H	8.00	NHWRD 549
GNW 241	BEDROCK	--	--	96.0	--	40.0	06-19-87	H	20.0	NHWRD 104
GNW 242	BEDROCK	--	--	34.0	--	30.0	08-31-87	C	25.0	NHWRD 104
GNW 255	BEDROCK	--	--	35.0	--	--	--	H	3.00	NHWRD 1
Greenfield										
GSW 35	BEDROCK	--	--	232	--	--	--	H	3.00	NHWRD 3
GSW 40	BEDROCK	--	--	252	--	--	--	H	1.00	NHWRD 62
GSW 61	BEDROCK	--	--	121	--	--	--	H	.50	NHWRD 641
GSW 66	BEDROCK	--	--	44.0	--	30.0	09-13-87	H	6.00	NHWRD 126
GSW 101	112SRFD	2	--	32.5	32.5	8.87	12-06-88	U	--	USGS
GSW 102	BEDROCK	--	--	--	--	45	06- -61	H	--	McKenna, J.
GSW 104	BEDROCK	--	--	140	--	45	01- -62	H	--	McKenna, J.
GSW 105	BEDROCK	--	--	90	--	20	06- -64	H	--	McKenna, J.
GSW 106	BEDROCK	--	--	39	--	--	--	H	--	Wheeler, D.
GVB 1	--	--	--	--	--	--	--	U	--	00
GVB 10	110SDMN	30	R	18	--	--	--	N	40	--
Manchester										
MCB 1	--	--	--	--	--	--	--	--	--	--
MCB 2	--	--	--	--	--	--	--	--	--	--
MCB 3	--	--	--	--	--	--	--	--	--	--
MCB 4	--	--	--	--	--	--	--	--	--	--

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)	
Hillsborough County--Continued										
Manchester--Continued										
MCB 6	425939	0712808	NH Department of Transportation	1939	--	130	35	--	35	
MCB 7	425939	0712759	NH Department of Transportation	1936	--	170	20	--	20	
MCB 9	425937	0712504	NH Department of Transportation	1960	--	340	23	--	--	
MCB 10	425831	0712821	NH Department of Transportation	1955	--	140	42	--	42	
MCB 12	425839	0712817	NH Department of Transportation	1955	--	120	52	--	52	
MCB 13	425835	0712818	NH Department of Transportation	1955	--	120	40	--	40	
MCB 14	425904	0712816	NH Department of Transportation	1956	--	150	46	--	--	
MCB 15	430008	0712833	NH Department of Transportation	1956	--	160	60	--	60	
MCB 16	430018	0712833	NH Department of Transportation	1956	--	230	90	--	--	
MCB 17	425821	0712829	NH Department of Transportation	1954	--	140	34	--	34	
MCB 18	425822	0712830	NH Department of Transportation	1954	--	130	35	--	35	
MCB 19	425845	0712815	NH Department of Transportation	1955	--	150	60	--	60	
MCB 20	430035	0712838	NH Department of Transportation	1954	--	170	36	--	36	
MCB 21	430054	0712858	NH Department of Transportation	1954	--	180	25	--	25	
MCB 22	430055	0712855	NH Department of Transportation	1954	--	230	58	--	--	
MCB 23	430213	0712900	NH Department of Transportation	1954	--	270	57	--	--	
MCB 24	430044	0712842	NH Department of Transportation	1954	--	180	22	--	22	
MCB 25	425712	0712642	NH Department of Transportation	1958	--	240	38	--	38	
MCB 26	425714	0712642	NH Department of Transportation	1958	--	250	27	--	27	
MCB 27	425731	0712434	NH Department of Transportation	1962	--	210	62	--	--	
MCB 29	425741	0712509	NH Department of Transportation	1960	--	240	2	--	--	
MCB 38	430227	0712741	NH Department of Transportation	1975	--	189	54	--	--	
MCB 39	430225	0712736	NH Department of Transportation	1975	--	195	33	--	33	
MCB 40	425716	0712412	NH Department of Transportation	1962	--	227	31	--	--	
MCB 41	425714	0712409	NH Department of Transportation	1962	--	207	22	--	22	
MCB 42	425639	0712324	NH Department of Transportation	1962	--	214	34	--	34	
MCB 43	425657	0712716	NH Department of Transportation	1958	--	164	46	--	--	
MCB 44	425724	0712612	NH Department of Transportation	1960	--	258	24	--	24	
MCB 45	425733	0712543	NH Department of Transportation	1960	--	238	57	--	--	
MCB 46	425743	0712455	NH Department of Transportation	1961	--	224	9	--	--	
MCB 47	425733	0712427	NH Department of Transportation	1962	--	202	52	--	52	
MCB 48	430229	0712744	NH Department of Transportation	1975	--	177	40	--	40	
MCB 49	425938	0712942	NH Department of Transportation	1973	--	154	29	--	29	
MCB 50	425740	0712410	NH Department of Transportation	1961	--	224	17	--	17	
MCB 51	425805	0712450	NH Department of Transportation	1961	--	257	4	--	--	
MCB 52	425933	0712949	NH Department of Transportation	1973	--	220	68	--	68	
MCB 53	425939	0712939	NH Department of Transportation		--	184	10	--	--	
MCB 54	425917	0712457	NH Department of Transportation	1961	--	324	17	--	--	
MCB 55	425935	0712946	NH Department of Transportation	1973	--	138	21	--	21	
MCB 58	425902	0712459	NH Department of Transportation	1978	--	351	26	--	26	
MCB 59	425903	0712456	NH Department of Transportation	1978	--	360	30	--	30	

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level		Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
						Depth (feet)	Date (mm-dd-yy)			
Hillsborough County--Continued										
Manchester--Continued										
MCB 6	--	--	--	--	--	--	--	--	--	--
MCB 7	--	--	--	--	--	--	--	--	--	--
MCB 9	--	--	--	--	--	--	--	--	--	--
MCB 10	--	--	--	--	--	--	--	--	--	--
MCB 12	--	--	--	--	--	--	--	--	--	--
MCB 13	--	--	--	--	--	--	--	--	--	--
MCB 14	--	--	--	--	--	--	--	--	--	--
MCB 15	--	--	--	--	--	--	--	--	--	--
MCB 16	--	--	--	--	--	--	--	--	--	--
MCB 17	--	--	--	--	--	--	--	--	--	--
MCB 18	--	--	--	--	--	--	--	--	--	--
MCB 19	--	--	--	--	--	--	--	--	--	--
MCB 20	--	--	--	--	--	--	--	--	--	--
MCB 21	--	--	--	--	--	--	--	--	--	--
MCB 22	--	--	--	--	--	--	--	--	--	--
MCB 23	--	--	--	--	--	--	--	--	--	--
MCB 24	--	--	--	--	--	--	--	--	--	--
MCB 25	--	--	--	--	--	--	--	--	--	--
MCB 26	--	--	--	--	--	--	--	--	--	--
MCB 27	--	--	--	--	--	--	--	--	--	--
MCB 29	--	--	--	--	--	--	--	--	--	--
MCB 38	--	--	--	--	--	--	--	--	--	--
MCB 39	--	--	--	--	--	--	--	--	--	--
MCB 40	--	--	--	--	--	--	--	--	--	--
MCB 41	--	--	--	--	--	--	--	--	--	--
MCB 42	--	--	--	--	--	--	--	--	--	--
MCB 43	--	--	--	--	--	--	--	--	--	--
MCB 44	--	--	--	--	--	--	--	--	--	--
MCB 45	--	--	--	--	--	--	--	--	--	--
MCB 46	--	--	--	--	--	--	--	--	--	--
MCB 47	--	--	--	--	--	--	--	--	--	--
MCB 48	--	--	--	--	--	--	--	--	--	--
MCB 49	--	--	--	--	--	15	-- -73	--	--	--
MCB 50	--	--	--	--	--	--	--	--	--	--
MCB 51	--	--	--	--	--	--	--	--	--	--
MCB 52	--	--	--	--	--	--	--	--	--	--
MCB 53	--	--	--	--	--	--	--	--	--	--
MCB 54	--	--	--	--	--	--	--	--	--	--
MCB 55	--	--	--	--	--	--	--	--	--	--
MCB 58	--	--	--	--	--	--	--	--	--	--
MCB 59	--	--	--	--	--	--	--	--	--	--

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)	
Hillsborough County--Continued										
Manchester--Continued										
MCW	3	425608	0712502	Pinard, A. J.	1900	D	210	15	15	--
MCW	6	430051	0712914	Manchester, City of	1985	--	267	61	61	--
MCW	7	430057	0712858	Manchester, City of	1985	--	195	20.5	15	--
MCW	8	430104	0712907	Manchester, City of	1985	--	238	34	34	--
MCW	9	430107	0712911	Manchester, City of	1985	--	258	33	33	--
MCW	10	430109	0712928	Manchester, City of	1985	--	297	55	32	--
MCW	11	430102	0712919	Manchester, City of	1985	--	313	91	91	--
MCW	19	425652	0712358	American Albanian Association	1951	--	100	--	204	--
MCW	20	425925	0712521	Bartlett, G.	1961	--	100	--	102	--
MCW	21	425900	0712525	Barton, C.	1955	--	100	--	128	--
MCW	22	425955	0712920	Bilodeau, A.	1958	--	100	--	100	--
MCW	24	425746	0712410	Boisvert, L.	1962	--	100	--	205	--
MCW	26	430103	0712959	Boivert, N.	1961	--	100	--	150	--
MCW	27	430025	0712930	Boudreau, R.	1960	--	100	--	102	--
MCW	28	430033	0712938	Boudreau, W.	1958	--	100	--	75	--
MCW	29	430026	0712853	Boulanger, L.	1958	--	100	--	75	--
MCW	31	425715	0712703	Brazian, M.	--	--	100	--	192	--
MCW	32	425903	0712915	Caron, G.	1948	--	100	--	74	--
MCW	33	425643	0712503	Caron, M.	--	--	100	--	208	--
MCW	34	425934	0712922	Chouinard, R.	1962	--	100	--	102	--
MCW	36	425858	0712539	Colitas, G.	1962	--	100	--	304	--
MCW	37	430129	0713018	Cronin, J.	1963	--	300	--	100	--
MCW	38	430217	0712910	Demers, L.	1960	--	100	--	100	--
MCW	39	425913	0712854	Duford, A.	1948	--	100	--	110	--
MCW	40	430007	0712901	Gooselin, R.	1962	--	100	--	150	--
MCW	43	430035	0712940	Houle, E.	1960	--	100	--	76	--
MCW	46	425907	0712609	Jaskolka, E.	1953	--	100	--	160	--
MCW	47	425610	0712446	Kelly, A.	1961	--	100	--	66	--
MCW	48	430032	0712358	Koch, W.	0000	--	100	--	--	--
MCW	49	430222	0712907	Landry, H.	1953	--	100	--	90	--
MCW	51	425932	0712349	McGuire, P.	1958	--	100	--	110	--
MCW	53	430127	0712808	Morrison, E.	1953	--	100	--	159	--
MCW	54	430001	0712407	Nokt, A.	1958	--	100	--	130	--
MCW	55	425752	0712338	Opanowski, N.	1950	--	100	--	88	--
MCW	58	425945	0712442	Rockefort, E.	1962	--	100	--	460	--
MCW	60	430026	0712952	Sevigny, R.	1960	--	100	--	113	--
MCW	61	430037	0712950	Simond, H.	1963	--	100	--	128	--
MCW	62	425730	0712456	Sroka, J.	1961	--	100	--	51	--
MCW	63	425945	0712427	St. Germain, P.	1956	--	100	--	100	--
MCW	64	425947	0712838	St. Pierre, E.	1952	--	100	--	141	--
MCW	65	425809	0712600	Theberge, E.	1963	--	100	--	110	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level		Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
						Depth (feet)	Date (mm-dd-yy)			
Hillsborough County--Continued										
Manchester--Continued										
MCW	3	112OTSH	--	--	--	8.13	08-14-68	H	--	--
MCW	6	110SDMN	--	--	--	48	02-28-85	--	--	--
MCW	7	--	--	--	--	6	02-28-85	U	--	--
MCW	8	112SRFD	--	--	--	23	02-28-85	U	--	--
MCW	9	112SRFD	--	--	--	18	02-28-85	U	--	--
MCW	10	112SRFD	--	--	--	13	02-28-85	U	--	--
MCW	11	112SRFD	--	--	--	60	02-28-85	U	--	--
MCW	19	BEDROCK	--	--	--	--	--	--	--	Dube, O.
MCW	20	BEDROCK	--	--	--	--	--	--	--	Dube, O.
MCW	21	BEDROCK	--	--	--	--	--	--	--	--
MCW	22	BEDROCK	--	--	12	--	--	--	--	Dube, R.
MCW	24	BEDROCK	--	--	9	--	--	--	--	Dube, R.
MCW	26	BEDROCK	--	--	8	--	--	--	--	Dube, R.
MCW	27	BEDROCK	--	--	22	--	--	--	--	Dube, R.
MCW	28	BEDROCK	--	--	29	--	--	--	--	Dube, R.
MCW	29	BEDROCK	--	--	--	--	--	--	--	Daniels
MCW	31	BEDROCK	--	--	38	30	00-00-	--	--	A and B
MCW	32	BEDROCK	--	--	--	--	--	--	--	Dube, O.
MCW	33	BEDROCK	--	--	39	--	--	--	--	Dube, R.
MCW	34	BEDROCK	--	--	33	--	--	--	--	Dube, R.
MCW	36	BEDROCK	--	--	36	--	--	--	--	Dube, R.
MCW	37	BEDROCK	--	--	26	--	--	--	--	Dube, R.
MCW	38	BEDROCK	--	--	11	--	--	--	--	Patenaude
MCW	39	BEDROCK	--	--	--	--	--	--	--	Dube, O.
MCW	40	BEDROCK	--	--	--	52	-- -62	--	--	Chandler
MCW	43	BEDROCK	--	--	27	--	--	--	--	Dube, R.
MCW	46	BEDROCK	--	--	18	8	06-06-53	--	--	A and B
MCW	47	BEDROCK	--	--	64	10	09-07-61	--	--	Tasker
MCW	48	BEDROCK	--	--	44	--	--	--	--	Dube, O.
MCW	49	BEDROCK	--	--	31	12	06-18-53	--	--	A and B
MCW	51	BEDROCK	--	--	--	--	--	--	--	Dube, O.
MCW	53	BEDROCK	--	--	55	40	-- -53	--	--	Wheeler, D.
MCW	54	BEDROCK	--	--	--	--	--	--	--	Dube, O.
MCW	55	BEDROCK	--	--	--	--	--	--	--	Dube, O.
MCW	58	BEDROCK	--	--	21	28	01-12-62	--	--	A and B
MCW	60	BEDROCK	--	--	25	10	08- -60	--	--	Patenaude
MCW	61	BEDROCK	--	--	30	--	--	--	--	Dube, R.
MCW	62	BEDROCK	--	--	34	2	06- -61	--	--	Fischer
MCW	63	BEDROCK	--	--	--	--	--	--	--	Dube, O.
MCW	64	BEDROCK	--	--	--	--	--	--	--	Dube, O.
MCW	65	BEDROCK	--	--	60	--	--	--	--	Dube, R.

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
Hillsborough County--Continued									
Manchester--Continued									
MCW 66	430008	0712846	Therrein, D.	1962	--	100	--	209	--
MCW 67	425906	0712627	Tuttle, F.	1960	--	100	--	98	--
MCW 68	425813	0712646	York, F.	1961	--	100	--	70	--
MCW 69	430018	0712843	Zindt, A.	1961	--	100	--	25	--
MCW 70	425627	0712523	Mars	1965	--	100	--	200	--
MCW 72	430208	0712834	Gaubout, M.	1984	Z	190	--	325	--
MCW 73	430055	0712921	City of Manchester	1985	Z	260	--	56.0	--
MCW 74	430050	0712909	City of Manchester	1985	Z	260	--	61.0	--
MCW 75	430108	0712927	City of Manchester	1985	Z	280	--	55.0	--
MCW 76	430103	0712906	City of Manchester	1985	Z	230	--	34.0	--
MCW 79	430149	0713031	Auger, P.	1984	Z	310	--	165	--
MCW 80	430101	0713005	Henry's Auto Body Inc	1985	Z	290	--	235	--
MCW 83	430207	0712835	Boucher, L.	1986	Z	190	--	380	--
MCW 85	425946	0712445	Jean, B.	1986	Z	370	--	240	--
MCW 88	425824	0712807	Corporate Environ Advisor	1987	Z	200	--	20.0	--
MCW 91	425756	0712703	United Truck Leasing	1988	Z	250	--	22.0	--
MCW 94	425754	0712701	United Truck Leasing	1988	Z	250	--	22.0	--
MCW 97	425731	0712646	Public Service Co. of New Hampsh	1988	Z	245	--	10.0	--
MCW 98	425733	0712647	Public Service Co. of New Hampsh	1988	Z	245	--	10.0	--
MCW 101	425929	0712357	City of Manchester	1988	Z	280	--	220	--
Mason									
MGA 1	424604	0714522	Mason, Town of	1988	B	600	19	--	19
MGW 1	424423	0714252	Mason, Town of	1988	B	375	43.5	32	44
MGW 4	424341	0714551	Wildus, Leland	1951	--	440	265	12	--
MGW 5	424328	0714543	Adshead	1952	--	420	188	24	--
MGW 6	424334	0714549	Basset, Dean	1956	--	430	80	--	--
MGW 7	424355	0714549	Dunham	1950	--	480	86	13	--
MGW 31	424239	0714510	Dickerson, J.	1986	Z	400	--	720	--
MGW 32	424558	0714441	Farnham, S.	1986	Z	660	--	300	--
MGW 35	424621	0714513	Spanos, J. & D.	1986	Z	660	--	220	--
MGW 36	424629	0714523	Collardeau, S. & L.	1986	Z	660	--	260	--
MGW 37	424559	0714445	Michaud, D.	1986	Z	660	--	320	--
MGW 38	424626	0714515	Higgins, G. & Ludden, L.	1986	Z	660	--	260	--
MGW 39	424620	0714510	Roberts, D. & M.	1986	Z	640	--	320	--
MGW 40	424623	0714515	Madden, K. & D.	1986	Z	660	--	220	--
MGW 42	424300	0714539	Lam, H.	1986	Z	400	--	405	--
MGW 45	424543	0714331	JEC Construction	1987	Z	580	--	305	--
MGW 47	424543	0714334	JEC Construction	1987	Z	600	--	805	--
MGW 50	424425	0714311	Bogatkauski, R.	1986	Z	480	--	300	--
MGW 58	424627	0714506	Laurendeau, J.	1987	Z	620	--	285	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level Depth (feet)	Water level Date (mm-dd-yy)	Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
Hillsborough County--Continued										
Manchester--Continued										
MCW 66	BEDROCK	--	--	44	--	--	--	--	--	Dube, R.
MCW 67	BEDROCK	--	--	32	--	28	08-12-60	--	--	A and B
MCW 68	BEDROCK	--	--	10	--	10	11- -61	--	--	Caverly, M.
MCW 69	BEDROCK	--	--	15	--	5	07-30-61	--	--	Kosiba, S.
MCW 70	BEDROCK	--	--	--	--	--	--	--	--	A and B
MCW 72	BEDROCK	--	--	21.0	--	50.0	06-27-84	H	100	NHWRD 549
MCW 73	112SRFD	--	--	41.0	--	41.0	01-24-85	U	--	NHWRD 354
MCW 74	112SRFD	--	--	45.0	--	42.5	01-24-85	U	--	NHWRD 354
MCW 75	BEDROCK	--	--	14.0	--	16.0	01-25-85	U	--	NHWRD 354
MCW 76	BEDROCK	--	--	21.0	--	--	--	U	--	NHWRD 354
MCW 79	BEDROCK	--	--	20.0	--	--	--	H	9.00	NHWRD 192
MCW 80	BEDROCK	--	--	30.0	--	--	--	H	15.0	NHWRD 1
MCW 83	BEDROCK	--	--	44.0	--	--	--	H	75.0	NHWRD 1
MCW 85	BEDROCK	--	--	20.0	--	--	--	H	7.50	NHWRD 327
MCW 88	BEDROCK	--	--	19.0	--	11.0	12-03-87	U	--	NHWRD 100
MCW 91	112SRFD	--	--	--	--	20.0	03-24-88	U	--	NHWRD 128
MCW 94	112SRFD	--	--	--	--	21.0	03-24-88	U	--	NHWRD 128
MCW 97	112SRFD	--	--	--	--	6.3	09-20-88	U	--	NHWRD 137
MCW 98	112SRFD	--	--	--	--	5.3	09-20-88	U	--	NHWRD 137
MCW 101	BEDROCK	--	--	39.0	--	--	--	H	20.0	NHWRD 327
Mason										
MGA 1	112SRFD	--	--	--	--	--	--	--	--	USGS
MGW 1	112SRFD	2	--	30.0	30	7.59	12-06-88	U	--	USGS
MGW 4	--	--	--	--	--	--	--	H	--	Wheeler
MGW 5	--	--	--	--	--	12	-- -52	H	--	Wheeler
MGW 6	--	--	--	--	--	10	-- -56	H	--	McKenna
MGW 7	--	--	--	--	--	--	--	H	--	Wheeler
MGW 31	BEDROCK	--	--	40.0	--	--	--	H	.25	327
MGW 32	BEDROCK	--	--	20.0	--	25.0	05-16-86	H	10.0	325
MGW 35	BEDROCK	--	--	39.0	--	--	--	H	10.0	343
MGW 36	BEDROCK	--	--	59.0	--	--	--	H	6.00	343
MGW 37	BEDROCK	--	--	19.0	--	--	--	H	2.00	343
MGW 38	BEDROCK	--	--	39.0	--	--	--	H	5.00	343
MGW 39	BEDROCK	--	--	39.0	--	--	--	H	12.0	343
MGW 40	BEDROCK	--	--	49.0	--	--	--	H	10.0	343
MGW 42	BEDROCK	--	--	44.0	--	15.0	05-21-86	H	6.00	104
MGW 45	BEDROCK	--	--	20.0	--	12.0	03-31-87	H	8.00	325
MGW 47	BEDROCK	--	--	20.0	--	10.0	03-24-87	H	3.00	325
MGW 50	BEDROCK	--	--	114	--	60.0	10-24-86	H	5.00	413
MGW 58	BEDROCK	--	--	19.0	--	42.0	10-10-87	H	10.0	343

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)	
Hillsborough County--Continued										
Mason--Continued										
MGW	65	424617	0714524	Devore, D.	1988	Z	620	--	320	--
New Boston										
NCA	1	425615	0714409	State of New Hampshire	1988	B	530	97	--	97
NCA	8	425809	0714414	--	1988	B	530	60	--	--
NCA	10	425735	0714203	New Boston, Town of	1988	B	530	14	--	14
NCA	99	430058	0713816	State of New Hampshire	1988	B	290	15	--	--
NCB	1	430051	0713831	NH Department of Transportation	1937	--	290	18	--	--
NCB	2	425757	0714402	--	--	--	622	35.5	--	--
NCB	3	425752	0714358	--	--	--	601	28	--	--
NCB	4	425750	0714359	--	--	--	600	28	--	--
NCB	5	425751	0714402	--	--	--	597	31	--	--
NCW	4	425915	0714020	Berger, A.	1900	D	380	4.5	4.5	--
NCW	5	425830	0714133	New Boston, Town of	1949	C	470	100	100	--
NCW	8	425705	0714209	New Boston, Town of	1988	B	560	83	50	84
NCW	40	425832	0714128	Daniels Inc	1985	Z	430	--	550	--
NCW	42	425924	0714457	Pike, B.	1988	Z	--	--	450	--
NCW	55	430056	0713803	Wilkins, J.	1985	Z	340	--	150	--
NCW	59	430057	0713809	Belanger, A.	1985	Z	340	--	355	--
NCW	60	425948	0714345	Todd Jr, R.	1985	Z	600	--	330	--
NCW	76	430046	0714450	Bower, R.	1986	Z	600	--	393	--
NCW	87	425840	0714134	Lanzillotti, L.	1986	Z	440	--	405	--
NCW	93	425835	0714131	Dodge, H.	1986	Z	430	--	285	--
NCW	103	430118	0714109	Agri, P.	1986	Z	380	--	32.0	--
NCW	104	430043	0714246	Gordon, L.	1986	Z	530	--	400	--
NCW	105	430153	0713842	Broderick, M.	1986	Z	310	--	305	--
NCW	112	430055	0713834	Daragon, J.	1987	Z	340	--	402	--
NCW	114	430116	0714114	Jenkins, M.& Shaw, J.	1987	Z	380	--	570	--
NCW	123	425832	0714125	Gagnon Enterprises	1987	Z	450	--	245	--
NCW	127	430049	0713941	Poland, R.	1987	Z	440	--	300	--
NCW	129	430058	0713921	Smith, D.	1987	Z	460	--	300	--
NCW	131	425822	0714324	Friendly Beaver Campground	1987	Z	610	--	405	--
NCW	148	430055	0713836	Johnson, E.	1988	Z	340	--	175	--
NCW	149	430057	0713805	Valhanos, N.	1988	Z	320	--	225	--
NCW	152	425942	0714007	N.A. Scott & Son	1987	Z	400	--	600	--
NCW	155	430127	0714059	Sherwood, J.	1987	Z	380	--	514	--
NCW	156	430052	0713943	B.& D. Perlow	1987	Z	440	--	514	--
NCW	159	425801	0714345	BBC Devel	1988	Z	610	--	325	--
NCW	167	430117	0714111	Williams, R.	1988	Z	380	--	325	--
NCW	174	425536	0714326	Kerns, D.	1984	Z	680	--	145	--
NCW	178	425701	0714258	Mullen, K.	1985	D	540	--	10.0	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level Depth (feet)	Water level Date (mm-dd-yy)	Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number	
Hillsborough County--Continued											
Mason--Continued											
MGW	65	BEDROCK	--	--	39.0	--	15.0	01-26-88	H	8.00	413
New Boston											
NCA	1	112SRFD	--	--	--	--	--	--	U	--	USGS
NCA	8	112LCSR	--	--	--	--	10	07-29-88	--	--	USGS
NCA	10	112SRFD	--	--	--	--	--	--	U	--	USGS
NCA	99	112SRFD	--	--	--	--	--	--	U	--	USGS
NCB	1	--	--	--	--	--	--	--	--	--	--
NCB	2	--	--	--	--	18.3	01-24-85	--	--	--	--
NCB	3	--	--	--	--	21.2	01-24-85	U	--	--	--
NCB	4	--	--	--	--	20.8	01-24-85	U	--	--	--
NCB	5	--	--	--	--	17.6	01-24-85	U	--	--	--
NCW	4	111ALVM	--	--	--	.5	10-17-69	H	--	--	--
NCW	5	BEDROCK	6	S	20	--	--	--	P	--	--
NCW	8	112SRFD	2	--	48.0	48	25.2	12-06-88	U	--	USGS
NCW	40	BEDROCK	--	--	70.0	--	10.0	01-08-85	H	2.00	NHWRD 299
NCW	42	BEDROCK	--	--	104	--	40.0	08-11-88	H	2.00	NHWRD 126
NCW	55	BEDROCK	--	--	80.0	--	30.0	08-01-85	H	60.0	NHWRD 549
NCW	59	BEDROCK	--	--	64.0	--	15.0	07-22-85	H	50.0	NHWRD 549
NCW	60	BEDROCK	--	--	41.0	--	30.0	08-02-85	H	1.00	NHWRD 549
NCW	76	BEDROCK	--	--	40.0	--	--	--	H	30.0	NHWRD 315
NCW	87	BEDROCK	--	--	54.0	--	30.0	04-23-86	H	25.0	NHWRD 237
NCW	93	BEDROCK	--	--	80.0	--	10.0	10-28-86	H	100	NHWRD 315
NCW	103	112SRFD	--	--	31.0	--	10.0	09-22-86	H	40.0	NHWRD 126
NCW	104	BEDROCK	--	--	124	--	--	--	H	4.00	NHWRD 64
NCW	105	BEDROCK	--	--	22.0	--	10.0	10-21-86	H	15.0	NHWRD 549
NCW	112	BEDROCK	--	--	82.0	--	--	--	H	13.0	NHWRD 406
NCW	114	BEDROCK	--	--	59.0	--	30.0	03-09-87	H	1.50	NHWRD 413
NCW	123	BEDROCK	--	--	39.0	--	50.0	07-10-87	H	15.0	NHWRD 59
NCW	127	BEDROCK	--	--	49.0	--	15.0	07-08-87	H	80.0	NHWRD 126
NCW	129	BEDROCK	--	--	20.0	--	20.0	08-05-87	H	6.00	NHWRD 126
NCW	131	BEDROCK	--	--	40.0	--	8.0	05-18-87	P	13.0	NHWRD 104
NCW	148	BEDROCK	--	--	100	--	30.0	04-01-88	H	40.0	NHWRD 126
NCW	149	BEDROCK	--	--	94.0	--	20.0	03-17-88	C	15.0	NHWRD 126
NCW	152	BEDROCK	--	--	119	--	--	--	H	6.00	NHWRD 225
NCW	155	BEDROCK	--	--	40.0	--	--	--	H	1.50	NHWRD 225
NCW	156	BEDROCK	--	--	40.0	--	--	--	H	1.00	NHWRD 225
NCW	159	BEDROCK	--	--	39.0	--	20.0	05-18-88	H	1.00	NHWRD 208
NCW	167	BEDROCK	--	--	29.0	--	20.0	06-30-88	H	10.0	NHWRD 126
NCW	174	BEDROCK	--	--	25.0	--	30.0	11-16-84	H	25.0	NHWRD 63
NCW	178	112SRFD	--	--	2.0	--	4.0	02-20-85	H	6.00	NHWRD 421

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
Hillsborough County--Continued									
New Boston--Continued									
NCW 180	425749	0713712	Smith, D.	1985	Z	500	--	330	--
NCW 182	430146	0713849	Silva, R.	1985	Z	320	--	505	--
NCW 183	425659	0714145	Cullinan, M.	1985	C	550	--	188	--
NCW 184	425657	0714143	Cullinan, M.	1985	Z	550	--	105	--
NCW 186	425650	0714304	--	--	Z	500	--	402	--
NCW 198	425742	0713950	Manter Corp	1986	Z	840	--	402	--
NCW 204	425718	0714424	St John, K.	1985	Z	570	--	345	--
NCW 210	425539	0714403	Hall Brothers Construction	1986	Z	680	--	405	--
NCW 211	425548	0714413	Hall Brothers Construction	1986	Z	650	--	405	--
NCW 216	425538	0714357	Hall Brothers	1986	Z	680	--	305	--
NCW 217	425544	0714409	Hall Brothers Construction	1986	Z	680	--	365	--
NCW 218	425542	0714406	Hall Brothers Construction	1986	Z	690	--	405	--
NCW 219	425547	0714411	Hall Brothers Construction	1986	Z	660	--	345	--
NCW 220	425538	0714353	Hall Brothers Construction	1986	Z	690	--	305	--
NCW 232	425911	0713745	Voisine, R.	1986	Z	450	--	175	--
NCW 239	425645	0714324	Elmer, S.	1986	Z	520	--	390	--
NCW 247	425715	0714150	Mach & Sons, F.	1986	Z	570	--	320	--
NCW 248	425713	0714151	Champman, O.	1987	Z	560	--	185	--
NCW 252	425903	0713742	Trade Winds Construction Inc	1987	Z	480	--	105	--
NCW 253	425719	0714151	Designs that Work	1987	Z	570	--	165	--
NCW 262	425815	0713714	O'Neil, S.	1987	Z	570	--	405	--
NCW 263	425552	0714346	Hill	1987	Z	630	--	305	--
NCW 264	425551	0714346	Schubnel	1987	Z	630	--	165	--
NCW 273	425936	0714341	Jennings, W.	1988	Z	550	--	340	--
NCW 280	430143	0713846	Lee, C.	1988	C	320	--	198	--
NCW 282	425835	0714128	Town of New Boston	1988	Z	420	--	190	--
NCW 285	425842	0714125	Diggs, K.	1989	Z	410	--	160	--
NCW 291	430038	0714324	Merrill, T.	1988	Z	590	--	278	--
New Ipswich									
NJA 1	424522	0714947	Leger, Ernest	1988	B	850	32	0	32
NJW 1	424356	0715055	New Ipswich, Town of	1988	B	935	67	55	67
NJW 3	424612	0715216	Koivule	1988	B	1080	65	30	--
NJW 4	424402	0715250	NH Water Resources Division	1988	B	1065	68	40	68
NJW 5	424608	0715203	New Ipswich, Town of	1988	B	1080	64	35	64
NJW 6	424527	0715040	Davidson, Clayton	1955	--	990	77	22	--
NJW 7	424531	0715055	Somero, Walter	1945	--	970	140	--	--
NJW 8	424448	0715017	Belanger, Hormidas	1950	--	950	141	94	--
NJW 9	424445	0715017	Hesseltine	1950	--	940	241	154	--
NJW 10	424437	0715038	Wood, Earl	1964	--	930	295	--	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level Depth (feet)	Water level Date (mm-dd-yy)	Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
Hillsborough County--Continued										
New Boston--Continued										
NCW 180	BEDROCK	--	--	29.0	--	--	--	H	2.00	NHWRD 549
NCW 182	BEDROCK	--	--	77.0	--	--	--	C	2.00	NHWRD 1
NCW 183	BEDROCK	--	--	41.0	--	5.0	05-02-85	H	12.0	NHWRD 65
NCW 184	BEDROCK	--	--	44.0	--	--	--	H	7.00	NHWRD 65
NCW 186	BEDROCK	--	--	100	--	--	--	H	--	NHWRD 315
NCW 198	BEDROCK	--	--	20.0	--	--	--	H	.25	NHWRD 406
NCW 204	BEDROCK	--	--	59.0	--	20.0	11-23-85	H	1.25	NHWRD 59
NCW 210	BEDROCK	--	--	79.0	--	80.0	05-07-86	H	20.0	NHWRD 208
NCW 211	BEDROCK	--	--	79.0	--	40.0	05-05-86	H	1.00	NHWRD 208
NCW 216	BEDROCK	--	--	114	--	40.0	06-21-86	H	5.00	NHWRD 208
NCW 217	BEDROCK	--	--	79.0	--	40.0	06-18-86	H	2.00	NHWRD 208
NCW 218	BEDROCK	--	--	64.0	--	40.0	06-19-86	H	2.00	NHWRD 208
NCW 219	BEDROCK	--	--	79.0	--	30.0	06-16-86	H	3.00	NHWRD 208
NCW 220	BEDROCK	--	--	119	--	20.0	06-13-86	H	5.00	NHWRD 208
NCW 232	BEDROCK	--	--	19.0	--	--	--	H	8.00	NHWRD 549
NCW 239	BEDROCK	--	--	29.0	--	20.0	07-09-86	H	25.0	NHWRD 104
NCW 247	BEDROCK	--	--	19.6	--	--	--	H	8.00	NHWRD 62
NCW 248	BEDROCK	--	--	19.0	--	20.0	07-11-87	H	5.00	NHWRD 59
NCW 252	BEDROCK	--	--	16.0	--	12.0	12-04-87	H	6.00	NHWRD 105
NCW 253	BEDROCK	--	--	39.0	--	25.0	11-17-87	H	50.0	NHWRD 59
NCW 262	BEDROCK	--	--	19.0	--	20.0	09-23-87	H	10.0	NHWRD 208
NCW 263	BEDROCK	--	--	19.0	--	20.0	05-15-87	H	10.0	NHWRD 208
NCW 264	BEDROCK	--	--	29.0	--	10.0	05-14-87	H	30.0	NHWRD 208
NCW 273	BEDROCK	--	--	19.0	--	--	--	H	3.00	NHWRD 1
NCW 280	BEDROCK	--	--	59.0	--	12.0	04-28-88	H	12.0	NHWRD 940
NCW 282	BEDROCK	--	--	--	--	10.0	04-12-88	--	6.00	NHWRD 940
NCW 285	BEDROCK	--	--	79.0	--	--	--	H	50.0	NHWRD 299
NCW 291	BEDROCK	--	--	19.0	--	--	--	H	6.00	NHWRD 344
New Ipswich										
NJA 1	112SRFD	--	--	--	--	--	--	--	--	USGS
NJW 1	112SRFD	2	--	52.5	52.5	9.48	12-06-88	U	--	USGS
NJW 3	112SRFD	2	--	27.5	27.5	12.1	12-06-88	U	--	USGS
NJW 4	112SRFD	2	--	37.5	37.5	11.5	12-06-88	U	--	USGS
NJW 5	112SRFD	2	--	32.5	32.5	16.8	12-06-88	U	--	USGS
NJW 6	--	--	--	--	--	--	--	H	--	--
NJW 7	--	--	--	--	--	--	--	H	--	--
NJW 8	--	--	--	--	--	70	-- -50	H	--	--
NJW 9	--	--	--	--	--	9	-- -50	H	--	Chapman
NJW 10	--	--	--	--	--	2	-- -64	H	--	McKenna

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)	
Hillsborough County--Continued										
New Ipswich--Continued										
NJW	11	424331	0715113	Nelson, Esther	1957	--	1000	190	45	--
NJW	12	424319	0715113	Walker, Robert	1964	--	960	350	25	--
NJW	14	424415	0715216	Jenny, John	1960	--	1060	148	39	--
NJW	20	424438	0715009	Chapman, Earl	1964	--	980	100	--	--
NJW	23	424607	0715019	Witty, Everett	1950	--	940	298	14	--
NJW	24	424611	0715041	Thompson, Gilbert	1945	--	990	330	72	--
NJW	26	424506	0715019	--	--	--	950	128	--	--
NJW	28	424501	0714938	--	--	--	950	227	227	--
NJW	29	424520	0714939	--	--	--	850	120	120	--
NJW	33	424316	0715125	--	--	--	1050	150	150	--
NJW	48	424501	0714949	Rodenhiser, A.	1985	Z	960	--	365	--
NJW	59	424355	0715157	Freed, A.	1985	Z	1010	--	405	--
NJW	61	424711	0715109	Timberland Design Inc	1986	Z	1020	--	900	--
NJW	62	424709	0715107	Timberland Design	1986	Z	1020	--	400	--
NJW	68	424551	0715042	Kangas, R.	1985	Z	1000	--	205	--
NJW	73	424625	0715122	Muhonen, T.	1986	Z	1060	--	340	--
NJW	81	424509	0715000	Ober, N.	1986	Z	940	--	400	--
NJW	88	424555	0715101	Langell, C.	1986	Z	1000	--	155	--
NJW	96	424354	0715123	Milbert, J.	1986	Z	950	--	400	--
NJW	97	424339	0715059	Saari, W.	1987	C	950	--	194	--
NJW	103	424357	0715248	Thomforde, D.	1987	Z	1090	--	140	--
NJW	111	424338	0715101	B & D Homes	1987	Z	950	--	260	--
NJW	114	424357	0715242	Grade A Devel	1987	Z	1080	--	240	--
NJW	115	424402	0715219	Aho, R.	1987	Z	1100	--	300	--
NJW	119	424640	0715442	--	1987	Z	1280	--	440	--
NJW	124	424402	0715126	McGinty, J.	1987	Z	960	--	360	--
NJW	126	424336	0715102	Hakala Construction	1987	Z	960	--	260	--
NJW	139	424653	0715041	Dominican Sisters Bethany	1988	Z	1020	--	445	--
NJW	141	424705	0715123	Timberland Design Inc	1988	Z	1060	--	400	--
NJW	149	424445	0715038	--	--	--	935	170	170	--
Temple										
TMA	1	424856	0715013	Temple, Town of	1988	B	870	42	--	--
TMW	2	424841	0715137	Harland	1960	--	1050	295	95	--
TMW	4	424851	0715015	Connell, William	1962	--	860	230	--	--
TMW	5	424850	0715017	Hamlin	1946	--	860	152	74	--
TMW	9	424757	0715044	Torrey, Herbert	1958	--	960	330	85	--
TMW	10	424719	0714957	--	--	--	970	--	--	--
TMW	16	424857	0715111	--	--	--	1020	100	100	--
TMW	18	424852	0715108	--	--	--	1000	195	195	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level		Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
						Depth (feet)	Date (mm-dd-yy)			
Hillsborough County--Continued										
New Ipswich--Continued										
NJW 11	--	--	--	--	--	6	-- -57	H	--	Chapman
NJW 12	--	--	--	--	--	25	-- -64	H	--	Chapman
NJW 14	--	--	--	--	--	27	-- -62	H	--	Chapman
NJW 20	--	--	--	--	--	6	-- -64	H	--	McKenna
NJW 23	--	--	--	--	--	--	--	H	--	Wheeler
NJW 24	--	--	--	--	--	--	--	H	--	--
NJW 26	--	--	--	--	--	--	--	--	--	--
NJW 28	--	--	--	--	--	12	07-21-58	--	--	--
NJW 29	--	--	--	--	--	30	08-01-63	--	--	--
NJW 33	--	--	--	--	--	22	01-01-57	--	--	--
NJW 48	BEDROCK	--	--	94.0	--	--	--	H	4.00	325
NJW 59	BEDROCK	--	--	39.0	--	20.0	09-28-85	H	2.50	237
NJW 61	BEDROCK	--	--	59.0	--	--	--	H	3.50	177
NJW 62	BEDROCK	--	--	29.0	--	--	--	H	15.0	177
NJW 68	BEDROCK	--	--	59.0	--	20.0	08-13-85	H	45.0	237
NJW 73	BEDROCK	--	--	31.0	--	25.0	11-22-86	H	3.00	63
NJW 81	BEDROCK	--	--	190	--	--	--	H	9.00	249
NJW 88	BEDROCK	--	--	79.0	--	--	--	H	1.50	343
NJW 96	BEDROCK	--	--	99.0	--	--	--	H	2.00	343
NJW 97	BEDROCK	--	--	20.0	--	15.0	02-25-87	H	15.0	128
NJW 103	BEDROCK	--	--	62.0	--	--	--	H	6.00	249
NJW 111	BEDROCK	--	--	39.0	--	--	--	H	3.00	63
NJW 114	BEDROCK	--	--	59.0	--	16.0	07-31-87	H	4.50	63
NJW 115	BEDROCK	--	--	17.0	--	--	--	H	3.00	63
NJW 119	BEDROCK	--	--	19.0	--	--	--	H	20.0	343
NJW 124	BEDROCK	--	--	19.0	--	20.0	10-07-87	H	7.00	413
NJW 126	BEDROCK	--	--	39.0	--	40.0	10-09-87	H	7.00	343
NJW 139	BEDROCK	--	--	63.0	--	--	--	H	7.00	177
NJW 141	BEDROCK	--	--	41.0	--	--	--	H	8.00	177
NJW 149	--	--	--	--	--	8	01-01-57	--	--	--
Temple										
TMA 1	112SRFD	--	--	--	--	--	--	U	--	USGS
TMW 2	--	--	--	--	--	44	-- -60	H	--	McKenna
TMW 4	--	--	--	--	--	30	-- -62	H	--	McKenna
TMW 5	--	--	--	--	--	33	-- -46	H	--	Chapman
TMW 9	--	--	--	--	--	10	-- -58	H	--	Chapman
TMW 10	--	--	--	--	--	--	--	H	--	--
TMW 16	--	--	--	--	--	--	--	--	--	--
TMW 18	--	--	--	--	--	3	07-01-61	--	--	--

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)	
Hillsborough County--Continued										
Temple--Continued										
TMW	20	424902	0715232	Rousseau	1984	D	1180	--	11.0	--
TMW	21	424723	0715125	Bond, D.	1985	Z	980	--	305	--
TMW	26	424743	0715029	Pouliout, R.	1985	Z	900	--	625	--
TMW	27	424724	0714956	Salera, A.	1985	Z	1080	--	305	--
TMW	29	424729	0714958	Crooker, R.	1985	Z	680	--	705	--
TMW	30	424853	0715133	Webster, L.	1985	Z	1020	--	145	--
TMW	33	424757	0715212	O'Malley, J.	1986	Z	1260	--	385	--
TMW	34	424718	0715130	Dugas, W.	1986	Z	960	--	305	--
TMW	35	424801	0715229	Crowther, J.	1987	Z	1200	--	405	--
TMW	38	424723	0715024	Crowe, R.	1987	C	700	--	173	--
TMW	39	424745	0715204	Oxman A.	1987	D	1120	--	17.0	--
TMW	40	424905	0715012	Mazza W.	1987	Z	880	--	160	--
TMW	42	424741	0715028	Pouliout, R.	1988	Z	--	--	780	--
Weare										
WGA	1	430626	0713933	U.S. Corps of Engineers	1988	B	350	12.5	--	13
WGW	1	430645	0714427	Russell, G.A.	1900	D	510	25	25	--
WGW	11	430235	0714058	Lanctot, Joe	1961	D	430	21	21	--
WGW	13	430601	0714546	Peterson, Carl	--	D	740	25	25	--
WGW	14	430628	0714615	Denoncourt, Steve	1983	D	630	--	--	--
WGW	15	430635	0714543	Ludders, Let	--	D	600	--	--	--
WGW	16	430633	0714458	Morris, Jean	--	D	560	11.8	11.8	--
WGW	17	430634	0714005	U.S. Corps of Engineers	1988	B	370	35	30	35
WGW	18	430633	0714350	Sawyer	1988	B	650	91	72.5	91
WGW	19	430518	0714345	State of New Hampshire	1988	B	630	61	30	61
WGW	20	430141	0714041	Weare, Town of	1988	B	390	35	15	35
WGW	21	430356	0713907	Boisvert	1988	B	310	99	65	99
WGW	25	430635	0714320	Duncan, S.	1962	--	500	--	106	--
WGW	26	430636	0714447	French, C.	1960	--	560	--	175	--
WGW	28	430637	0714324	Keddy, W.	1962	--	490	--	100	--
WGW	30	430700	0714359	Sudler, L.	1961	--	490	--	215	--
WGW	35	430630	0714632	Maribito	1984	Z	680	--	460	--
WGW	69	430627	0714436	McDonald, D.	1985	Z	540	--	295	--
WGW	74	430543	0714326	Bolton, F.	1985	Z	580	--	275	--
WGW	83	430627	0714558	Heino, W.	1985	Z	600	--	220	--
WGW	93	430703	0714353	Bayer, C.	1985	Z	520	--	315	--
WGW	98	430233	0714053	Carson, J.	1985	Z	--	--	180	--
WGW	101	430645	0714411	Coulombe, B.	1985	Z	540	--	275	--
WGW	114	430642	0714402	Greenough, C.	1985	Z	520	--	520	--
WGW	138	430309	0714620	Soucy, L.	1985	Z	810	--	200	--
WGW	141	430640	0714512	Setterlund, W.	1985	Z	580	--	265	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level		Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number	
						Depth (feet)	Date (mm-dd-yy)				
Hillsborough County--Continued											
Temple--Continued											
TMW	20	112SRFD	--	--	11.0	--	3.0	10-04-84	H	50.0	811
TMW	21	BEDROCK	--	--	39.0	--	34.0	03-28-85	H	5.00	237
TMW	26	BEDROCK	--	--	20.0	--	20.0	08-16-85	H	1.00	63
TMW	27	BEDROCK	--	--	83.0	--	--	--	H	3.00	63
TMW	29	BEDROCK	--	--	99.0	--	--	--	H	1.50	237
TMW	30	BEDROCK	--	--	19.0	--	13.0	06-17-85	H	6.00	237
TMW	33	BEDROCK	--	--	139	--	20.0	01-10-86	H	1.25	237
TMW	34	BEDROCK	--	--	19.0	--	20.0	09-11-86	H	9.00	173
TMW	35	BEDROCK	--	--	19.0	--	20.0	02-18-87	H	2.00	172
TMW	38	BEDROCK	--	--	114	--	8.0	08-21-87	H	25.0	128
TMW	39	112SRFD	--	--	18.0	--	4.0	--	H	50.0	390
TMW	40	BEDROCK	--	--	19.0	--	--	--	H	8.50	63
TMW	42	BEDROCK	--	--	40.0	--	--	--	H	.25	327
Weare											
WGA	1	112SRFD	--	--	--	--	--	--	T	--	USGS
WGW	1	112TILL	--	--	--	--	--	--	H	--	--
WGW	11	112TILL	--	--	--	--	20	-- -69	H	--	King
WGW	13	110SDMN	--	--	--	--	6.2	05-23-88	H	--	--
WGW	14	110SDMN	--	--	--	--	2.2	05-23-88	H	--	--
WGW	15	110SDMN	--	--	--	--	4.1	05-23-88	--	--	--
WGW	16	110SDMN	--	--	--	--	2.68	05-23-88	U	--	--
WGW	17	112SRFD	2	--	27.5	27.5	3.63	12-06-88	U	--	USGS
WGW	18	112SRFD	2	--	70.0	70	30.6	12-06-88	U	--	USGS
WGW	19	112SRFD	2	--	27.5	27.5	6.41	12-06-88	U	--	USGS
WGW	20	112SRFD	2	--	12.9	12.9	--	--	U	--	USGS
WGW	21	112SRFD	2	--	62.5	62.5	--	--	U	--	USGS
WGW	25	BEDROCK	--	--	72	--	27	06-13-62	H	--	A and B
WGW	26	BEDROCK	--	--	--	--	--	--	H	--	Patenaude
WGW	28	BEDROCK	--	--	--	--	8	-- -62	H	--	Chandler
WGW	30	BEDROCK	--	--	50	--	12	04-28-61	H	--	A and B
WGW	35	BEDROCK	--	--	47.0	--	30.0	02-20-84	H	2.00	NHWRD 1
WGW	69	BEDROCK	--	--	53.0	--	--	--	H	3.00	NHWRD 1
WGW	74	BEDROCK	--	--	59.0	--	--	--	H	4.00	NHWRD 315
WGW	83	BEDROCK	--	--	60.0	--	10.0	04-27-85	H	2.00	NHWRD 1
WGW	93	BEDROCK	--	--	29.0	--	--	--	H	4.00	NHWRD 59
WGW	98	BEDROCK	--	--	--	--	20.0	07-29-85	H	20.0	NHWRD 327
WGW	101	BEDROCK	--	--	17.0	--	--	--	H	3.00	NHWRD 641
WGW	114	BEDROCK	--	--	20.0	--	--	--	H	4.00	NHWRD 1
WGW	138	BEDROCK	--	--	19.0	--	--	--	H	100	NHWRD 1
WGW	141	BEDROCK	--	--	77.0	--	--	--	C	5.00	NHWRD 1

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
Hillsborough County--Continued									
Weare--Continued									
WGW 144	430557	0714248	Luksza, M.	1985	Z	600	--	190	--
WGW 149	430642	0714413	Andrews, D.	1985	Z	520	--	420	--
WGW 151	430547	0714332	AM Construction Company	1985	Z	600	--	220	--
WGW 156	430306	0713919	Chase, N.	1986	C	340	--	312	--
WGW 163	430337	0713857	Nallin, K.	1986	Z	400	--	300	--
WGW 164	430459	0714728	Trout, C.	1986	Z	680	--	303	--
WGW 189	430511	0714741	Ferri, R.	1984	Z	710	--	365	--
WGW 203	430200	0714020	Staples, D.	1986	Z	380	--	300	--
WGW 209	430346	0713919	Reynolds, J.	1987	Z	360	--	80.0	--
WGW 215	430510	0714404	Todd, C.	1986	Z	700	--	281	--
WGW 216	430554	0714247	Lessard, D.	1986	Z	590	--	325	--
WGW 219	430152	0713906	Vaughan, M.	1986	Z	320	--	325	--
WGW 226	430648	0714350	Murphy, F.	1987	Z	500	--	340	--
WGW 228	430221	0713846	Roy, R.	1987	Z	320	--	310	--
WGW 241	430154	0714022	Therrien, L.	1987	Z	370	--	305	--
WGW 264	430505	0714420	Mason, D.	1987	Z	740	--	405	--
WGW 275	430255	0714136	Renshaw, R.	1987	Z	440	--	220	--
WGW 278	430607	0714502	Rose, W.	1987	Z	670	--	400	--
WGW 283	430648	0714425	Martin, L.	1987	Z	520	--	420	--
WGW 284	430720	0714430	Schaller, R.	1987	Z	560	--	420	--
WGW 285	430722	0714429	Allied Homes	1987	Z	560	--	310	--
WGW 296	430504	0714731	Hartford	1987	Z	700	--	380	--
WGW 301	430333	0713859	P & G Construction Co	1987	Z	400	--	150	--
WGW 302	430629	0714456	Roy, G.	1987	Z	590	--	273	--
WGW 318	430730	0714430	Chicoine, M.	1987	Z	580	--	202	--
WGW 322	430507	0714733	Arseneau & Sons	1987	Z	720	--	360	--
WGW 329	430213	0714027	Dupuis, W.	1988	Z	400	--	175	--
WGW 332	430344	0713921	Fisher, T.	1988	Z	360	--	420	--
WGW 334	430724	0714425	Sullivan	1988	Z	520	--	185	--
WGW 335	430340	0713903	Boisvert & Sons W.Inc	1988	D	320	--	22.0	--
WGW 336	430523	0714348	Brown, G.	1988	Z	610	--	423	--
WGW 342	430727	0714426	Dickstein	1988	Z	530	--	222	--
WGW 349	430241	0714101	Lanctot, J.	1988	D	400	--	23.0	--
WGW 357	430510	0714427	Cushing, L.	1988	Z	790	--	420	--
WGW 359	430250	0714130	Renshaw, R.	1988	Z	460	--	420	--
WGW 360	430247	0714132	Renshaw, R.	1988	Z	460	--	280	--
WGW 361	430424	0713923	Corriveau Construction	1988	Z	340	--	500	--
WGW 362	430426	0713923	Fireside Builders	1988	Z	340	--	400	--
WGW 363	430428	0713924	Fireside Builders	1988	Z	340	--	220	--
WGW 364	430550	0714332	Hemlock Builders	1988	Z	600	--	300	--
WGW 369	430612	0714214	RV Homes	1988	Z	420	--	260	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level		Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
						Depth (feet)	Date (mm-dd-yy)			
Hillsborough County--Continued										
Weare--Continued										
WGW 144	BEDROCK	--	--	40.0	--	--	--	H	12.0	NHWRD 1
WGW 149	BEDROCK	--	--	20.0	--	20.0	12-10-85	H	60.0	NHWRD 1
WGW 151	BEDROCK	--	--	59.0	--	--	--	H	10.0	NHWRD 1
WGW 156	BEDROCK	--	--	37.0	--	--	--	H	2.00	NHWRD 113
WGW 163	BEDROCK	--	--	30.0	--	--	--	H	4.50	NHWRD 315
WGW 164	BEDROCK	--	--	90.0	--	--	--	H	10.0	NHWRD 315
WGW 189	BEDROCK	--	--	161	--	--	--	H	5.00	NHWRD 522
WGW 203	BEDROCK	--	--	34.0	--	50.0	10-04-86	H	2.00	NHWRD 549
WGW 209	112SRFD	--	--	39.0	--	--	--	H	15.0	NHWRD 549
WGW 215	BEDROCK	--	--	90.0	--	--	--	H	75.0	NHWRD 3
WGW 216	BEDROCK	--	--	19.0	--	--	--	H	20.0	NHWRD 522
WGW 219	BEDROCK	--	--	59.0	--	--	--	H	30.0	NHWRD 522
WGW 226	BEDROCK	--	--	42.0	--	--	--	H	.75	NHWRD 1
WGW 228	BEDROCK	--	--	20.0	--	--	--	H	10.0	NHWRD 1
WGW 241	BEDROCK	--	--	20.0	--	--	--	H	5.00	NHWRD 549
WGW 264	BEDROCK	--	--	34.0	--	6.0	05-09-87	H	4.00	NHWRD 104
WGW 275	BEDROCK	--	--	33.0	--	8.0	09-17-87	H	25.0	NHWRD 1
WGW 278	BEDROCK	--	--	17.0	--	10.0	09-30-87	H	4.00	NHWRD 1
WGW 283	BEDROCK	--	--	35.0	--	20.0	10-20-87	H	5.00	NHWRD 1
WGW 284	BEDROCK	--	--	23.0	--	20.0	11-16-87	H	2.00	NHWRD 1
WGW 285	BEDROCK	--	--	17.0	--	20.0	11-16-87	H	1.50	NHWRD 1
WGW 296	BEDROCK	--	--	179	--	50.0	10-30-87	H	30.0	NHWRD 413
WGW 301	BEDROCK	--	--	19.0	--	--	--	H	7.00	NHWRD 225
WGW 302	BEDROCK	--	--	120	--	--	--	H	25.0	NHWRD 225
WGW 318	BEDROCK	--	--	30.0	--	--	--	H	30.0	NHWRD 225
WGW 322	BEDROCK	--	--	159	--	60.0	11-06-87	H	10.0	NHWRD 413
WGW 329	BEDROCK	--	--	20.0	--	15.0	04-20-88	H	12.0	NHWRD 126
WGW 332	BEDROCK	--	--	19.0	--	30.0	06-07-88	H	20.0	NHWRD 413
WGW 334	BEDROCK	--	--	92.0	--	6.0	06-19-88	H	5.00	NHWRD 105
WGW 335	112SRFD	--	--	21.0	--	9.0	08-01-88	H	15.0	NHWRD 279
WGW 336	BEDROCK	--	--	60.0	--	16.0	06-07-88	H	4.00	NHWRD 3
WGW 342	BEDROCK	--	--	20.0	--	--	--	H	7.00	NHWRD 406
WGW 349	112SRFD	--	--	17.0	--	10.0	08-11-88	H	--	NHWRD 279
WGW 357	BEDROCK	--	--	19.0	--	12.0	07-06-88	H	2.50	NHWRD 1
WGW 359	BEDROCK	--	--	30.0	--	--	--	H	1.00	NHWRD 1
WGW 360	BEDROCK	--	--	14.0	--	20.0	07-06-88	H	5.00	NHWRD 1
WGW 361	BEDROCK	--	--	31.0	--	--	--	H	2.50	NHWRD 1
WGW 362	BEDROCK	--	--	20.0	--	10.0	06-14-88	H	6.00	NHWRD 1
WGW 363	BEDROCK	--	--	22.0	--	--	--	H	30.0	NHWRD 1
WGW 364	BEDROCK	--	--	56.0	--	--	--	H	20.0	NHWRD 1
WGW 369	BEDROCK	--	--	33.0	--	15.0	04-21-88	P	30.0	NHWRD 1

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
Hillsborough County--Continued									
Weare--Continued									
WGW 373	430627	0714553	Heino, W.	1988	Z	600	--	420	--
WGW 381	430340	0713918	Spellman, S.	1988	Z	360	--	525	--
WGW 413	430636	0714404	Martin, R.	1988	Z	520	--	600	--
WGW 414	430724	0714418	Carrigan, P.	1988	Z	500	--	300	--
WGW 416	430734	0714428	Rice, D.	1988	Z	550	--	200	--
WGW 418	430602	0714253	Macauley, B.	1988	Z	600	--	600	--
WGW 419	430546	0714329	Simoneau, P.	1988	Z	600	--	240	--
WGW 428	430159	0713902	Colburn & Farmer	1988	Z	320	--	205	--
WGW 430	430239	0713850	Laporte, R.	1988	Z	360	--	230	--
WGW 445	430720	0714425	Massaro, P.	1988	Z	520	--	300	--
WGW 454	430645	0714417	Morrill, B.	1988	Z	520	--	400	--
WGW 455	430547	0714324	Martin, R.	1988	Z	560	--	560	--
WGW 475	430454	0714324	Hamel, M.	1989	Z	780	--	260	--
WGW 484	430552	0714333	Church, S.	1988	Z	590	--	200	--
WGW 485	430250	0714136	Renshaw, R.	1988	Z	460	--	300	--
WGW 492	430522	0714419	Laprote, R.	1989	Z	710	--	265	--
WGW 506	430242	0713855	Laporte, R.	1989	Z	340	--	325	--
Merrimack County									
Allenstown									
ATA 1	430715	0712737	McNamara, J.	1989	B	220	27	--	--
ATA 2	430715	0712730	McNamara, J.	1989	B	300	24	--	--
Bow									
BUW 8	430728	0712819	Bow, Town of	1989	B	210	68	60	68
BUW 9	430724	0712807	Bow, Town of	1989	B	200	83	70	83
Dunbarton									
DNW 4	430415	0713752	Holliday Acres	1956	--	440	--	112	--
DNW 68	430751	0713911	Lamphere, R.	1986	Z	440	--	313	--
DNW 135	430431	0713754	Poirier, M.	1989	Z	450	--	460	--
Hooksett									
HTA 1	430649	0712802	Hooksett, Town of	1989	B	200	23	--	23
HTA 2	430621	0712751	Hooksett, Town of	1989	B	--	10	--	--
HTA 3	430322	0712714	Manchester Sand and Gravel	1989	B	250	114	--	114
HTA 4	430252	0712646	Hooksett, Town of	1989	B	290	75	--	75
HTB 1	430408	0712819	NH Department of Transportation	1954	--	230	40	--	--

wells and borings--Continued

Local site number	Primary aquifer code	Diameter of well (inches)	Casing material code	Depth to bottom of casing (feet)	Depth to top of opening (feet)	Water level Depth (feet)	Water level Date (mm-dd-yy)	Use	Maximum well yield (gallons per minute)	Name of driller or NHWRD driller number
Hillsborough County--Continued										
Weare--Continued										
WGW 373	BEDROCK	--	--	57.0	--	--	--	H	12.0	NHWRD 1
WGW 381	BEDROCK	--	--	21.0	--	20.0	08-11-88	H	1.50	NHWRD 126
WGW 413	BEDROCK	--	--	50.0	--	--	--	H	2.50	NHWRD 225
WGW 414	BEDROCK	--	--	89.0	--	--	--	H	8.00	NHWRD 225
WGW 416	BEDROCK	--	--	55.0	--	--	--	H	50.0	NHWRD 225
WGW 418	BEDROCK	--	--	20.0	--	--	--	H	1.00	NHWRD 225
WGW 419	BEDROCK	--	--	62.0	--	--	--	H	20.0	NHWRD 225
WGW 428	BEDROCK	--	--	46.0	--	6.0	12-06-88	H	40.0	NHWRD 126
WGW 430	BEDROCK	--	--	41.0	--	12.0	12-06-88	H	20.0	NHWRD 126
WGW 445	BEDROCK	--	--	52.0	--	--	--	H	3.00	NHWRD 225
WGW 454	BEDROCK	--	--	29.0	--	--	--	H	1.75	NHWRD 225
WGW 455	BEDROCK	--	--	129	--	40.0	12-29-88	H	10.0	NHWRD 413
WGW 475	BEDROCK	--	--	60.0	--	--	--	H	15.0	NHWRD 225
WGW 484	BEDROCK	--	--	65.0	--	30.0	08-16-88	H	15.0	NHWRD 1
WGW 485	BEDROCK	--	--	31.0	--	30.0	09-08-88	H	25.0	NHWRD 1
WGW 492	BEDROCK	--	--	20.0	--	40.0	04-20-89	H	100	NHWRD 126
WGW 506	BEDROCK	--	--	37.0	--	20.0	10-12-89	H	6.00	NHWRD 126
Merrimack County										
Allenstown										
ATA 1	112SRFD	--	--	--	--	--	--	--	--	USGS
ATA 2	112SRFD	--	--	--	--	--	--	--	--	USGS
Bow										
BUW 8	112SRFD	2	P	57.5	57.5	27.5	08-31-89	U	--	USGS
BUW 9	112SRFD	2	P	67.5	67.5	--	--	U	--	USGS
Dunbarton										
DNW 4	BEDROCK	--	--	--	--	--	--	--	--	Daniels
DNW 68	BEDROCK	--	--	40.0	--	--	--	H	4.00	NHWRD 315
DNW 135	BEDROCK	--	--	69.0	--	--	--	H	1.50	NHWRD 225
Hooksett										
HTA 1	112SRFD	--	--	--	--	--	--	--	--	USGS
HTA 2	112SRFD	--	--	--	--	--	--	--	--	USGS
HTA 3	112SRFD	--	--	--	--	--	--	U	--	USGS
HTA 4	112SRFD	--	--	--	--	--	--	U	--	USGS
HTB 1	--	--	--	--	--	--	--	--	--	--

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)	
Merrimack County--Continued										
Hooksett--Continued										
HTB	3	430609	0712832	NH Department of Transportation	1955	--	300	33	--	--
HTB	4	430510	0712828	NH Department of Transportation	1955	--	310	62	--	--
HTB	5	430509	0712826	NH Department of Transportation	1955	--	310	60	--	--
HTB	8	430229	0712838	NH Department of Transportation	1972	--	190	45	--	--
HTB	9	430228	0712844	NH Department of Transportation	1972	--	190	62	--	62
HTB	10	430237	0712753	NH Department of Transportation	1972	--	250	23	--	23
HTB	11	430238	0712754	NH Department of Transportation	1972	--	260	6	--	--
HTB	14	430627	0712655	NH Department of Transportation	1981	--	307	35	--	--
HTB	15	430541	0712751	NH Department of Transportation	1976	--	187	60	--	60
HTB	16	430544	0712754	NH Department of Transportation	1976	--	176	33	--	33
HTB	17	430547	0712755	NH Department of Transportation	1976	--	195	29	--	29
HTW	1	430340	0712635	Central Hooksett Water Precinct	1956	C	290	40	40	--
HTW	2	430358	0712638	Central Hooksett Water Precinct	1965	C	300	44	44.0	--
HTW	3	430350	0712630	Manchester Sand and Gravel	1938	C	290	48	48.0	--
HTW	4	430633	0712820	Flourde Sand and Gravel	1900	C	260	90	90	--
HTW	6	430457	0712835	Hooksett Village Water Precint	1979	--	380	13	13	13
HTW	7	430454	0712833	Hooksett Village Water Precint	1979	--	310	25	25	25
HTW	8	430414	0712828	Hooksett Village Water Precint	1979	--	290	68	68	68
HTW	9	430404	0712823	Hooksett Village Water Precint	1979	--	230	63	63	63
HTW	10	430539	0712826	Hooksett Village Water Precint	1979	--	200	56	56	--
HTW	11	430538	0712825	Hooksett Village Water Precint	1979	--	270	56	56	56
HTW	12	430540	0712823	Hooksett Village Water Precint	1979	--	250	28	28	28
HTW	13	430539	0712828	Hooksett Village Water Precint	1980	--	260	28	28	--
HTW	14	430542	0712829	Hooksett Village Water Precint	1980	--	250	35	35	--
HTW	15	430512	0712814	State of New Hampshire	1989	B	280	143	100	--
HTW	16	430422	0712746	Hooksett Village Water Precint	1989	B	200	140	90	--
HTW	17	430520	0712809	State of New Hampshire	1989	B	200	77	60	--
HTW	18	430408	0712634	Manchester Sand and Gravel	1989	B	310	46	40	46
HTW	19	430321	0712705	Manchester Sand and Gravel	1989	B	260	47	40	47
HTW	20	430314	0712701	Manchester Sand and Gravel	1989	B	250	46	40	46
HTW	23	430409	0712727	--	--	--	300	52	52	--
HTW	24	430504	0712741	--	--	--	295	--	153	--
HTW	25	430303	0712735	--	--	--	250	--	110	--
HTW	27	430044	0712353	Q	--	--	295	--	348	--
HTW	28	430301	0712614	Alexander	1962	--	295	--	124	--
HTW	29	430303	0712608	Burbank	1953	--	315	--	125	--
HTW	33	430427	0712719	--	1955	--	--	--	105	--
HTW	42	430234	0712756	--	--	--	230	--	150	--
HTW	43	430244	0712747	--	1963	--	275	--	158	--
HTW	55	430220	0712604	--	1956	--	280	--	103	--
HTW	75	430418	0712846	Sorel	1984	C	310	--	150	--

wells and borings--Continued

Local site number	Latitude	Longitude	Owner or user		Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)	
Merrimack County--Continued											
Hooksett--Continued											
HTB	3	--	--	--	--	--	--	--	--	--	
HTB	4	--	--	--	--	--	--	--	--	--	
HTB	5	--	--	--	--	--	--	--	--	--	
HTB	8	--	--	--	--	--	--	--	--	--	
HTB	9	--	--	--	--	--	--	--	--	--	
HTB	10	--	--	--	--	--	--	--	--	--	
HTB	11	--	--	--	--	--	--	--	--	--	
HTB	14	--	--	--	--	--	--	--	--	--	
HTB	15	--	--	--	--	--	--	--	--	--	
HTB	16	--	--	--	--	--	--	--	--	--	
HTB	17	--	--	--	--	--	--	--	--	--	
HTW	1	1120TSH	12	S	30	--	14	-- -70	P	135	Chapman Co.
HTW	2	1120TSH	12.0	S	34	10.0	10.0	06-01-69	P	235	Chapman Co.
HTW	3	1120TSH	10.0	S	28	28.0	--	--	N	400	Bay State
HTW	4	1120TSH	2	S	87	--	71.4	09-11-69	U	7	Gallagher
HTW	6	--	--	--	--	--	--	--	U	--	--
HTW	7	--	--	--	--	--	3	06-20-79	U	--	--
HTW	8	--	--	--	--	--	39	06-21-79	U	--	--
HTW	9	--	--	--	--	--	24.5	06-26-79	U	--	--
HTW	10	112SRFD	--	--	--	--	6.4	07-30-79	P	--	--
HTW	11	--	--	--	--	--	11	08-01-79	U	--	--
HTW	12	--	--	--	--	--	--	--	U	--	--
HTW	13	--	--	--	--	--	--	--	U	--	--
HTW	14	--	--	--	--	--	8.5	06- -80	U	--	--
HTW	15	112SRFD	2	P	97.5	97.5	81.5	08-31-89	U	--	USGS
HTW	16	112SRFD	2	P	87.5	87.5	17.7	08-31-89	U	--	USGS
HTW	17	--	2	P	60	57.5	--	--	U	--	--
HTW	18	112SRFD	2	P	37.5	37.5	--	--	U	--	USGS
HTW	19	112SRFD	2	P	37.5	37.5	16.3	03-28-90	U	--	USGS
HTW	20	112SRFD	2	P	37.5	37.5	29.6	03-28-90	U	--	USGS
HTW	23	--	--	--	--	--	48.2	06-25-79	--	--	--
HTW	24	--	--	--	--	--	--	--	--	--	--
HTW	25	--	--	--	--	--	--	--	--	--	--
HTW	27	--	--	--	--	--	--	--	--	--	Fischer
HTW	28	--	--	--	--	--	--	--	--	--	Dube
HTW	29	--	--	--	--	--	--	--	--	--	Dube
HTW	33	--	--	--	--	--	--	--	--	--	A and B
HTW	42	--	--	--	--	--	--	--	--	--	Tasker
HTW	43	--	--	--	--	--	--	--	--	--	Tasker
HTW	55	--	--	--	--	--	--	--	--	--	Dube
HTW	75	BEDROCK	--	--	19.0	--	--	--	H	20.0	NHWRD 239

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
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Merrimack County--Continued

Hooksett

HTW 79	430431	0712236	Grady	1984	Z	490	--	250	--
HTW 106	430416	0712844	Sorel, M.	1984	C	300	--	150	--
HTW 107	430431	0712848	Erskin, D.	1984	C	320	--	173	--
HTW 124	430321	0712727	Jacobs, B.	1985	Z	190	--	500	--
HTW 158	430424	0712310	Durant, H.	1986	Z	440	--	125	--
HTW 182	430639	0712718	Phaneuf, B.	1986	Z	270	--	405	--
HTW 204	430411	0712803	CB Sullivan	1987	Z	190	--	565	--
HTW 208	430216	0712824	Houle, R.	1987	Z	190	--	380	--
HTW 217	430433	0712331	Stevens, B.	1987	Z	440	--	400	--
HTW 223	430340	0712754	Duford, D.	1987	Z	230	--	505	--
HTW 230	430616	0712755	Town of Hooksett	1988	Z	190	--	280	--
HTW 244	430404	0712321	Pedderson, D.	1988	Z	430	--	600	--
HTW 245	430229	0712858	Norman, A.	1988	Z	280	--	180	--
HTW 248	430343	0712724	--	--	--	246.	123	--	--
HTW 249	430332	0712714	--	--	--	278.0	--	--	--
HTW 250	430331	0712702	--	--	--	290.1	--	--	--
HTW 251	430320	0712649	--	--	--	287.1	--	--	--
HTW 252	430319	0712708	--	--	--	261.0	--	--	--
HTW 253	430322	0712709	--	--	--	259.8	--	--	--
HTW 254	430333	0712724	--	--	--	272.7	--	--	--
HTW 255	430322	0712719	--	--	--	192.7	64.0	--	--
HTW 258	430319	0712658	--	--	--	260.3	--	--	--
HTW 259	430311	0712647	--	--	--	266.0	--	--	--
HTW 260	430302	0712646	--	--	--	261.8	26.0	--	--
HTW 262	430329	0712652	--	--	--	281.5	--	--	--
HTW 263	430340	0712701	--	--	--	292.1	--	--	--
HTW 264	430339	0712709	--	--	--	284.2	--	--	--
HTW 265	430559	0712820	Hooksett Village Water Precinct	1986	--	265	47	42	--
HTW 268	430352	0712653	Central Hooksett Water Precinct	--	--	290	--	--	--
HTW 269	430416	0712636	--	--	--	315	--	--	--

Rockingham County

Auburn

AUA 1	425959	0712044	Manchester Water Works	1989	B	260	17	--	--
AUA 2	430036	0712018	Manchester Water Works	1989	B	260	47	--	--
AUA 3	430046	0712046	Manchester Water Works	1989	B	270	42	--	42
AUA 4	425948	0711806	Manchester Water Works	1989	B	330	17	--	17
AUB 1	430123	0712158	NH Department of Transportation	1972	--	294	19	--	--

wells and borings--Continued

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
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Merrimack County--Continued

Hooksett										
HTW 79	BEDROCK	--	--	18.0	--	20.0	07-23-84	H	10.0	NHWRD 1
HTW 106	BEDROCK	--	--	19.0	--	5.0	11-14-84	H	5.00	NHWRD 239
HTW 107	BEDROCK	--	--	29.0	--	15.0	12-13-84	H	9.00	NHWRD 239
HTW 124	BEDROCK	--	--	69.0	--	--	--	H	2.50	NHWRD 143
HTW 158	BEDROCK	--	--	19.0	--	15.0	09-08-86	H	12.0	NHWRD 59
HTW 182	BEDROCK	--	--	114	--	50.0	10-04-86	H	4.00	NHWRD 126
HTW 204	BEDROCK	--	--	139	--	--	--	H	20.0	NHWRD 299
HTW 208	BEDROCK	--	--	38.0	--	9.0	06-15-87	H	10.0	NHWRD 104
HTW 217	BEDROCK	--	--	19.0	--	--	--	H	--	NHWRD 238
HTW 223	BEDROCK	--	--	41.0	--	--	--	H	1.50	NHWRD 204
HTW 230	BEDROCK	--	--	79.0	--	3.0	02-02-88	N	15.0	NHWRD 1
HTW 244	BEDROCK	--	--	40.0	--	--	--	H	.50	NHWRD 225
HTW 245	BEDROCK	--	--	39.0	--	--	--	H	20.0	NHWRD 327
HTW 248	--	--	--	--	--	54.8	07-23-80	--	--	--
HTW 249	--	--	--	--	--	55.2	--	--	--	--
HTW 250	--	--	--	--	--	35.3	07-23-80	--	--	--
HTW 251	--	--	--	--	--	--	--	--	--	--
HTW 252	--	--	--	--	--	71.7	07-23-80	--	--	--
HTW 253	--	--	--	--	--	38.0	07-23-80	--	--	--
HTW 254	--	--	--	--	--	93.5	07-23-80	--	--	--
HTW 255	--	--	--	--	--	16.7	07-23-80	--	--	--
HTW 258	--	--	--	--	--	9.82	07-23-80	--	--	--
HTW 259	--	--	--	--	--	14.8	07-23-80	--	--	--
HTW 260	--	--	--	--	--	22.2	07-23-80	--	--	--
HTW 262	--	--	--	--	--	19.9	07-23-80	--	--	--
HTW 263	--	--	--	--	--	44.8	07-23-80	--	--	--
HTW 264	--	--	--	--	--	44.1	07-23-80	--	--	--
HTW 265	112SRFD	--	--	--	--	6.30	02-20-86	P	--	--
HTW 268	112SRFD	--	--	--	--	--	--	P	--	--
HTW 269	--	--	--	--	--	--	--	--	--	--

Rockingham County

Auburn										
AUA 1	112SRFD	--	--	--	--	--	--	U	--	USGS
AUA 2	112SRFD	--	--	--	--	--	--	U	--	USGS
AUA 3	112SRFD	--	--	--	--	--	--	U	--	USGS
AUA 4	112SRFD	--	--	--	--	--	--	U	--	USGS
AUB 1	--	--	--	--	--	5	-- -72	--	--	--

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)	
Rockingham County--Continued										
Auburn--Continued										
AUB 4	430037	0712341	NH Department of Transportation	1972	--	267	13	--	--	
AUW 8	430100	0712113	Manchester, City of	--	D	290	8	8	--	
AUW 11	425813	0711850	--	--	D	325	9	9	--	
AUW 12	425820	0711902	Banks, F.	1964	D	335	22.5	22	--	
AUW 31	425958	0711830	Manchester Water Works	1989	B	350	77	40	--	
AUW 51	425741	0712019	Samson Construction	1984	--	300	--	167	--	
AUW 57	425743	0712029	Cedar Cliff Builders Inc	1984	Z	300	--	275	--	
AUW 58	425738	0712033	Samson Construction	1984	C	310	--	194	--	
AUW 59	425740	0712032	Samson Construction	1984	C	310	--	277	--	
AUW 66	425745	0712019	Samson Construction	1984	Z	310	--	250	--	
AUW 76	425743	0712012	Samson Construction	1984	Z	290	--	122	--	
AUW 77	425741	0712010	Samson Construction	1984	Z	290	--	264	--	
AUW 78	425738	0712015	Samson Construction	1984	Z	280	--	183	--	
AUW 79	425739	0712017	Samson Construction	1984	Z	290	--	289	--	
AUW 83	425744	0712026	Samson Construction	1984	Z	310	--	205	--	
AUW 86	425752	0712047	Roger	1984	Z	320	--	550	--	
AUW 87	425930	0712033	Sargent	1984	Z	310	--	200	--	
AUW 88	425713	0711921	Beck	1984	Z	340	--	160	--	
AUW 89	425946	0712026	Goodrich, P.	1984	Z	290	--	220	--	
AUW 100	430135	0712222	Pleasant Lake Development	1984	Z	310	--	260	--	
AUW 111	425816	0711830	Roorda, A.	1985	Z	360	--	450	--	
AUW 115	425806	0711940	Donnelly, B.	1985	Z	320	--	300	--	
AUW 117	430051	0711845	Lambert, R.	1985	Z	350	--	285	--	
AUW 120	430013	0711847	Aspee Construction	1985	Z	310	--	183	--	
AUW 121	430116	0712228	Lambert, D.	1985	Z	280	--	407	--	
AUW 122	430114	0712231	Gardner, E.	1985	Z	270	--	407	--	
AUW 123	430019	0711851	Salinga	1985	Z	300	--	163	--	
AUW 124	430017	0711847	Aspee Construction	1985	Z	310	--	142	--	
AUW 125	430035	0711818	Carley, R.	1985	Z	390	--	360	--	
AUW 153	430026	0711803	Buttonwood Builders	1985	Z	380	--	460	--	
AUW 155	430038	0711822	Buttonwood Builders	1985	Z	390	--	365	--	
AUW 158	430039	0711824	Buttonwood Builders	1985	Z	380	--	145	--	
AUW 160	425730	0712056	Spruce Point Builders	1985	Z	310	--	360	--	
AUW 164	425847	0711809	Buttonwood Builders	1985	Z	360	--	225	--	
AUW 165	425856	0711815	Buttonwood Builders	1985	Z	350	--	125	--	
AUW 166	425859	0711813	Buttonwood Builders	1985	Z	350	--	165	--	
AUW 168	425853	0711758	Buttonwood Builders	1985	Z	360	--	280	--	
AUW 171	425819	0711846	Burke, J.	1985	Z	320	--	300	--	
AUW 172	425711	0712112	Nye Bros Construction	1985	Z	280	--	700	--	
AUW 174	430140	0711938	Murphy	1985	Z	300	--	538	--	
AUW 180	425808	0712007	Sullivan, M.	1986	Z	370	--	406	--	

wells and borings--Continued

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
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Rockingham County--Continued

Auburn--Continued

AUB 4	--	--	--	--	--	--	--	--	--
AUW 8	112TILL	36	R	8	--	2.2	06-11-69	H	--
AUW 11	112OTSH	60	R	9	--	7.05	08-14-68	H	--
AUW 12	112OTSH	24	R	22	--	17	08-14-68	H	--
AUW 31	112SRFD	2	P	37.5	37.5	7.54	03-28-90	U	--
									Staus Pump USGS
AUW 51	--	--	--	39.0	--	8.0	07-30-84	H	4.00
AUW 57	BEDROCK	--	--	79.0	--	--	--	H	6.00
AUW 58	BEDROCK	--	--	39.0	--	10.0	05-02-84	H	12.0
AUW 59	BEDROCK	--	--	52.0	--	8.0	05-03-84	H	3.00
AUW 66	BEDROCK	--	--	23.0	--	5.0	05-24-84	H	3.00
AUW 76	BEDROCK	--	--	19.0	--	28.0	08-30-84	H	18.0
AUW 77	BEDROCK	--	--	19.0	--	6.0	08-29-84	H	3.00
AUW 78	BEDROCK	--	--	28.0	--	9.0	08-07-84	H	4.00
AUW 79	BEDROCK	--	--	39.0	--	--	--	H	35.0
AUW 83	BEDROCK	--	--	67.0	--	20.0	07-09-84	H	15.0
AUW 86	BEDROCK	--	--	19.0	--	--	--	H	4.00
AUW 87	BEDROCK	--	--	40.0	--	--	--	H	3.00
AUW 88	BEDROCK	--	--	20.0	--	12.0	09-19-84	H	4.00
AUW 89	BEDROCK	--	--	59.0	--	20.0	10-15-84	H	6.00
AUW 100	BEDROCK	--	--	25.0	--	--	--	H	4.00
AUW 111	BEDROCK	--	--	19.0	--	25.0	09-24-85	H	2.00
AUW 115	BEDROCK	--	--	30.0	--	2.0	08-15-85	H	10.0
AUW 117	BEDROCK	--	--	28.0	--	14.0	08-23-85	H	4.50
AUW 120	BEDROCK	--	--	19.0	--	12.0	10-23-85	H	24.0
AUW 121	BEDROCK	--	--	19.0	--	3.0	12-16-85	H	--
AUW 122	BEDROCK	--	--	19.0	--	4.0	12-18-85	H	8.00
AUW 123	BEDROCK	--	--	19.0	--	14.0	11-07-85	H	50.0
AUW 124	BEDROCK	--	--	19.0	--	8.0	09-05-85	H	40.0
AUW 125	BEDROCK	--	--	19.0	--	--	--	H	2.00
AUW 153	BEDROCK	--	--	19.0	--	--	--	H	1.00
AUW 155	BEDROCK	--	--	29.0	--	--	--	H	2.00
AUW 158	BEDROCK	--	--	19.0	--	1.0	03-31-85	H	6.00
AUW 160	BEDROCK	--	--	19.0	--	5.0	09-08-85	H	1.50
AUW 164	BEDROCK	--	--	19.0	--	20.0	09-27-85	H	3.00
AUW 165	BEDROCK	--	--	29.0	--	8.0	03-03-85	H	20.0
AUW 166	BEDROCK	--	--	19.0	--	25.0	03-29-85	H	5.00
AUW 168	BEDROCK	--	--	19.0	--	20.0	09-05-85	H	3.00
AUW 171	BEDROCK	--	--	19.0	--	--	--	H	15.0
AUW 172	BEDROCK	--	--	39.0	--	--	--	H	3.00
AUW 174	BEDROCK	--	--	40.0	--	--	--	H	2.00
AUW 180	BEDROCK	--	--	19.0	--	18.0	05-28-86	H	4.00

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
Rockingham County--Continued									
Auburn--Continued									
AUW 181	430047	0711845	Mitchell, B.	1986	Z	370	--	406	--
AUW 184	425820	0711850	Begin, C.	1986	Z	320	--	205	--
AUW 186	425724	0712120	Fleet Maintenance	1986	Z	290	--	400	--
AUW 189	425725	0712114	Caron Construction	1986	Z	280	--	685	--
AUW 190	430130	0711938	Mullett, R.	1986	Z	290	--	300	--
AUW 196	425736	0712117	Nye Brothers	1986	C	310	--	406	--
AUW 197	425739	0712100	Nye Brothers	1986	C	320	--	285	--
AUW 199	425634	0712054	Bryant, R.	1986	C	300	--	224	--
AUW 214	430049	0711842	Beauchesne, R.	1987	Z	360	--	406	--
AUW 215	430025	0711753	Spruce Point Builders	1987	Z	380	--	400	--
AUW 218	425717	0712118	Daniels, R.	1987	Z	280	--	305	--
AUW 220	425753	0711944	Bobroff, B.	1987	Z	320	--	406	--
AUW 228	430043	0712254	Petti Devel	1987	Z	290	--	380	--
AUW 240	425943	0712257	Prescott, D.	1987	Z	330	--	223	--
AUW 241	425856	0711841	Hannaford, R.	1987	Z	360	--	406	--
AUW 244	430022	0711819	Jenkins, D.	1987	Z	410	--	265	--
AUW 247	425659	0712102	Auburn Pines Tennis Club	1987	Z	280	--	600	--
AUW 253	430129	0711945	Giovagnoli, D.	1988	Z	300	--	450	--
AUW 254	425726	0712115	Schibbelhute, P.	1988	Z	280	--	505	--
AUW 256	425946	0712301	Kucharczyk, J.	1988	Z	310	--	304	--
AUW 259	425706	0711911	CSJ Construction	1987	Z	340	--	345	--
AUW 260	425723	0712118	Caron Construction Co Inc	1988	Z	280	--	305	--
AUW 261	430018	0711807	Cavanaugh, W.	1989	Z	370	--	406	--
AUW 263	425802	0711934	Building Alternatives	1988	Z	320	--	550	--
AUW 264	430036	0711856	Towne, H.	1988	Z	310	--	380	--
AUW 273	425653	0712101	Marsden, D.	1988	Z	280	--	360	--
AUW 274	430033	0711748	Mahoney, S.	1988	Z	390	--	406	--
AUW 277	425838	0711832	Wood, D.	1988	Z	340	--	305	--
AUW 280	425811	0711820	Banks, N.	1988	C	330	--	220	--
AUW 281	430150	0712033	Voisine, R.	1989	Z	400	--	220	--
AUW 282	430030	0712051	Auburn Village Elem School	1987	Z	270	--	340	--
AUW 283	425920	0711931	Thorell, D.	1987	Z	430	--	280	--
Candia									
CDW 19	430145	0711828	Bissonette, J.	1955	--	100	--	125	--
CDW 21	430319	0712150	Quimby, J.	1961	--	100	--	102	--
Derry									
DFW 12	425626	0712047	Simard, George	1962	D	300	--	8.0	--

wells and borings--Continued

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)	
Rockingham County--Continued										
Auburn--Continued										
AUW 181	BEDROCK	--	--	19.0	--	14.0	05-02-86	H	4.00	NHWRD 344
AUW 184	BEDROCK	--	--	20.0	--	--	--	H	9.00	NHWRD 1
AUW 186	BEDROCK	--	--	19.0	--	--	--	H	6.00	NHWRD 177
AUW 189	BEDROCK	--	--	49.0	--	--	--	H	1.00	NHWRD 208
AUW 190	BEDROCK	--	--	20.0	--	5.0	10-06-86	H	10.0	NHWRD 280
AUW 196	BEDROCK	--	--	19.0	--	30.0	10-25-86	H	4.25	NHWRD 344
AUW 197	BEDROCK	--	--	19.0	--	20.0	10-22-86	H	8.00	NHWRD 344
AUW 199	BEDROCK	--	--	19.0	--	12.0	11-11-86	H	10.0	NHWRD 344
AUW 214	BEDROCK	--	--	19.0	--	12.0	05-12-87	H	2.00	NHWRD 344
AUW 215	BEDROCK	--	--	19.0	--	15.0	03-06-87	H	1.50	NHWRD 344
AUW 218	BEDROCK	--	--	19.0	--	15.0	05-22-87	H	6.00	NHWRD 344
AUW 220	BEDROCK	--	--	19.0	--	12.0	06-02-87	H	4.50	NHWRD 344
AUW 228	BEDROCK	--	--	19.0	--	--	--	H	20.0	NHWRD 299
AUW 240	BEDROCK	--	--	39.0	--	25.0	10-14-87	H	15.0	NHWRD 344
AUW 241	BEDROCK	--	--	19.0	--	18.0	09-26-87	H	4.50	NHWRD 344
AUW 244	BEDROCK	--	--	24.0	--	28.0	10-23-87	H	25.0	NHWRD 344
AUW 247	BEDROCK	--	--	18.0	--	8.0	09-04-87	--	15.0	NHWRD 1
AUW 253	BEDROCK	--	--	40.0	--	12.0	04-21-88	H	50.0	NHWRD 126
AUW 254	BEDROCK	--	--	20.0	--	--	--	H	1.00	NHWRD 208
AUW 256	BEDROCK	--	--	39.0	--	30.0	05-06-88	H	7.00	NHWRD 344
AUW 259	BEDROCK	--	--	19.0	--	15.0	10-12-87	H	2.00	NHWRD 208
AUW 260	BEDROCK	--	--	39.0	--	20.0	02-02-88	H	3.00	NHWRD 208
AUW 261	BEDROCK	--	--	19.0	--	7.0	04-26-89	H	7.00	NHWRD 344
AUW 263	BEDROCK	--	--	20.0	--	--	--	H	15.0	NHWRD 299
AUW 264	BEDROCK	--	--	29.0	--	20.0	08-25-88	H	10.0	NHWRD 1
AUW 273	BEDROCK	--	--	18.0	--	--	--	C	12.0	NHWRD 1
AUW 274	BEDROCK	--	--	12.5	--	7.0	09-23-88	H	3.00	NHWRD 344
AUW 277	BEDROCK	--	--	39.0	--	18.0	11-14-88	H	9.00	NHWRD 344
AUW 280	BEDROCK	--	--	32.0	--	5.0	11-19-88	H	5.00	NHWRD 940
AUW 281	BEDROCK	--	--	19.0	--	--	--	H	20.0	NHWRD 299
AUW 282	BEDROCK	--	--	80.0	--	--	--	T	30.0	NHWRD 367
AUW 283	BEDROCK	--	--	60.0	--	--	--	H	5.00	NHWRD 367
Candia										
CDW 19	BEDROCK	--	--	--	--	--	--	--	--	Dube, O.
CDW 21	BEDROCK	--	--	10	--	--	--	--	--	Kosiba, S.
Derry										
DFW 12	1120TSH	36.0	--	--	--	4.04	06-28-62	H	--	--

Appendix A. Description of selected

Local site number	Latitude	Longitude	Owner or user	Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)	
Rockingham County--Continued										
Londonderry										
LRA 9	425551	0712100	Londonderry, Town of	1982	B	310	7.5	--	7.5	
LRA 10	425553	0712057	Londonderry, Town of	1982	B	310	22.0	--	22.0	
LRW 41	425521	0712051	Marquis, H.	1962	D	335	--	8.3	8	
LRW 60	425614	0712236	Beale, William	1956	--	265	--	100	--	
LRW 71	425621	0712120	Derry, Town of	1973	--	260	33	33	--	
LRW 73	425610	0712120	Londonderry, Town of	1982	B	270	15.0	13.9	15.0	
LRW 74	425554	0712054	Londonderry, Town of	1982	B	285	15.0	9.2	--	
LRW 75	425556	0712106	Londonderry, Town of	1982	B	285	30.2	17.5	20.2	
LRW 76	425601	0712107	Londonderry, Town of	1982	B	275	30.0	28.3	--	
LRW 77	425601	0712102	Londonderry, Town of	1982	B	280	25.0	24.2	--	
LRW 78	425607	0712106	Londonderry, Town of	1982	B	285	52.5	18.0	52.5	
LRW 127	425620	0712224	Advanced Builders	1986	Z	240	--	585	--	
LRW 128	425612	0712228	Advanced Builders	1986	Z	270	--	585	--	
LRW 129	425612	0712224	Advanced Builders	1986	Z	270	--	505	--	
LRW 130	425601	0712135	NR Construction	1984	Z	340	--	185	--	

wells and borings--Continued

Local site number	Latitude	Longitude	Owner or user		Year completed	Method of construction	Elevation above NGVD of 1929 (feet)	Depth of hole (feet)	Depth of well (feet)	Depth to bedrock or refusal (feet)
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Rockingham County--Continued

Londonderry

LRA	9	--	--	--	--	--	--	U	--	Guild	
LRA	10	--	--	--	--	--	--	U	--	Guild	
LRW	41	112SRFD	48.0	--	--	5.11	06-26-62	H	--	--	
LRW	60	BEDROCK	6.0	--	--	--	--	H	4.50	--	
LRW	71	--	2.5	--	33	--	--	U	30	CDM	
LRW	73	112SRFD	2.5	P	3.9	3.9	3.6	07-20-82	U	--	Guild
LRW	74	112SRFD	2.5	P	1.0	1.0	3.2	07-21-82	U	--	Guild
LRW	75	112TILL	2.5	P	7.5	7.5	3.04	07-27-82	U	--	Guild
LRW	76	112SRFD	2.5	P	18.3	18.3	.05	07-29-82	U	--	Guild
LRW	77	112TILL	2.5	--	14.2	14.2	2.65	08-02-82	U	--	Guild
LRW	78	112SRFD	2.5	--	8.0	8.0	7.8	08-19-82	U	--	Guild
LRW	127	BEDROCK	--	--	54.0	--	--	H	2.00	208	
LRW	128	BEDROCK	--	--	39.0	--	30	12-23-86	H	6.00	208
LRW	129	BEDROCK	--	--	39.0	--	--	H	5.00	208	
LRW	130	BEDROCK	--	--	44.0	--	20.0	04-26-84	H	4.00	94